

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER LC TRIBAL 5-21D-56				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT LAKE CANYON				
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME				
6. NAME OF OPERATOR BERRY PETROLEUM COMPANY						7. OPERATOR PHONE 303 999-4044				
8. ADDRESS OF OPERATOR 4000 South 4028 West Rt 2 Box 7735, Roosevelt, UT, 84066						9. OPERATOR E-MAIL kao@bry.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) 20G-000-5500			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Larry Fogel						14. SURFACE OWNER PHONE (if box 12 = 'fee') 517-223-8056				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 280 Addison Circle, ,						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE		382 FNL 479 FWL		NWNW	21	5.0 S	6.0 W	U		
Top of Uppermost Producing Zone		1548 FNL 628 FWL		SWNW	21	5.0 S	6.0 W	U		
At Total Depth		1813 FNL 660 FWL		SWNW	21	5.0 S	6.0 W	U		
21. COUNTY DUCHESNE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 382			23. NUMBER OF ACRES IN DRILLING UNIT 640				
27. ELEVATION - GROUND LEVEL 6662			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 20			26. PROPOSED DEPTH MD: 6316 TVD: 6000				
			28. BOND NUMBER RLB0005647			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-11041				
Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Surf	12.25	8.625	0 - 350	24.0	J-55 ST&C	9.5	Class G	200	1.15	15.8
Prod	7.875	5.5	0 - 6316	15.5	J-55 LT&C	9.5	Type V	180	3.82	11.0
							Class G	330	1.7	13.1
ATTACHMENTS										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Kathy K. Fieldsted			TITLE Sr. Regulatory & Permitting Tech.				PHONE 435 722-1325			
SIGNATURE			DATE 05/09/2011				EMAIL kkf@bry.com			
API NUMBER ASSIGNED 43013507520000			APPROVAL  Permit Manager							

SELF-CERTIFICATION STATEMENT

The following self-certification statement is provided per federal requirements dated May 7, 2007.

Please be advised that Berry Petroleum Company is considered to be the operator of the following well.

LC TRIBAL 5-21D-56
NW ¼, NW ¼, 382' FNL 479' FWL, SEC. 21, T5S, R6W, U.S.B. & M.
BHL: SW ¼, NW ¼, 1813' FNL, 660' FWL
Lease: 2OG-000-5500
Duchesne, County, Utah

Berry Petroleum Company is responsible under the terms of the lease for the operations conducted upon the lease lands.



Kathy K. Fieldsted
Sr. Regulatory & Permitting Tech
Berry Petroleum Company
4000 South 4028 West
Route 2, Box 7735
Roosevelt, Utah 84066
435-722-1325

BERRY PETROLEUM COMPANY

LC TRIBAL 5-21D-56

Surface location: NW ¼, NW ¼, 382' FNL 479' FWL, SEC. 21, T5S, R6W, U.S.B. & M.

BHL: SW ¼, NW ¼, 1813' FNL, 660' FWL,
Duchesne, County, Utah

ONSHORE ORDER NO. 1

DRILLING PROGRAM**1,2 Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals**

FORMATION	DRILL DEPTH * @ SHL (TVD)	DRILL DEPTH* @ BHL (TVD)	Measured Depth
Uinta Fm	Surface	Surface	
Green River	281'	405'	281'
Green River Upper Marker	752'	906'	753'
Mahogany	1,324'	1,473'	1,356'
Tgr3	2,354'	2,485'	2,597'
*Douglas Creek	3,129'	3,275'	3,512'
Black Shale	3,760'	3,888'	4,188'
*Castle Peak	4,047'	4,187'	4,483'
*Uteland Butte	4,410'	4,540'	4,849'
*Wasatch	4,650'	4,784'	5,089'
CR-6 (base U Wasatch)	5,827'	5,950'	6,266'
TD	6,000'	6,000'	6,316'
Base of Moderate Saline H2O	5,218'	5,494'	

*PROSPECTIVE PAY

Berry is locating the well at the proposed surface location and directionally drilling to the proposed bottom hole location. By drilling directionally, Berry Petroleum Company will improve field development efficiency by potentially combining multiple surface hole locations together. This will significantly reduce total surface disturbance plus combine the use of access roads and existing pipelines.

Furthermore, Berry hereby certifies that it is the sole working interest owner with 460 feet of the entire directional well bore and the remainder of the Ute Tribal section.

Berry Petroleum Company
LC TRIBAL 5-21D-56

Drilling Program
Duchesne County, UT

3 Proposed Casing and Cementing Program

Purpose	Depth	Hole Size	Casing Size	Type	Connection	Weight
Surface	350'	12.25"	8-5/8"	J-55	ST&C	24#
Production	6316'	7.875"	5-1/2"	J-55	LT&C	15.5#

Surface	Fill	Type & Amount
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0' – 350' 350' Approximately 200 sks Premium Plus (TypeG) + additives or similar slurry with a minimum weight of 15.8 #/gal and approximate yield of 1.15 cuft/sx, minimum 24 hr compressive strength = 500 psi (Cement will be circulated to surface and topped off, if necessary.)

Production	Type & Amount
------------	---------------

0' – 3500' Lead: +/- 180 sks Premium Type V + additives or similar slurry with a minimum weight of 11.0 #/gal and approximate yield of 3.82 cuft/sx

3500' – 6316' Tail: +/- 330 sks Premium Lite Tail + additives or similar slurry with a minimum weight of 13.1 #/gal and approximate yield of 1.70cuft/sk.

For production casing, actual cement volumes will be determined from the caliper log plus a minimum of 15% excess.

4 Drilling Fluids Program

Interval	Weight	Viscosity	Fluid Loss	Remarks
0' – 350'	8.4 – 9.5	27	NC	DAP Mud
350'–6316'	8.4 – 9.5	27	NC	DAP Water

5 Pressure Control Equipment : (Schematic Attached)

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc. A 2M system will be utilized. The attached diagram depicts the use of an annular in conjunction with double rams. However, an annular, double rams or both may be used depending on the drilling rig contracted. Chart recorders will be used for all pressure tests. Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to representative upon request.

Mud volumes will be monitored visually.
Upper and Lower Kelly cocks will be utilized.
A gas buster will be utilized, if necessary.

Berry Petroleum Company
LC TRIBAL 5-21D-56

Drilling Program
Duchesne County, UT

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 350'	No Pressure Control
350' – 6316'	11" 2000# Ram Type BOP 11" 2000# Annular BOP

6 Evaluation Program

Logging Program:	HRI-GR-SP with SDL-DSN-PE: surface casing to TD. Preserve samples from all show intervals.
Sampling:	10' dry cut samples: Douglas Creek to TD. Preserve samples From all show intervals.
Surveys:	As deemed necessary
Mud Logger:	As deemed necessary
Drill Stem Tests:	As deemed necessary
Cores:	As deemed necessary

7 Anticipated Abnormal Pressures or Temperatures

No abnormal temperatures or pressures or other hazards are anticipated.

Shallow gas and/or water flows are possible below surface casing.

Maximum anticipated bottom hole pressure equals approximately 2940 psi* and maximum anticipated surface pressure equals approximately 1620**psi (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

*Max Mud Wt x 0.052 x TVD = A (bottom hole pressure)

**Maximum surface pressure = A – (0.22xTVD)

8 Anticipated Starting Dates and Notification of Operations

Drilling Activity:

Anticipated Commencement Date:	Upon approval of the APD.
Drilling Days:	Approximately 10 days.
Completion Days:	Approximately 7 days.



Berry Petroleum
Lake Canyon Project
8 5/8 Surface Casing
LC Tribal 5-21D-56

T.D.	350 ft			
Hole Size	12 ¼ in			
Casing Size	8 5/8 in			
Casing Weight	24 #			
Cement Coverage	350 ft to surface			
Cement Excess	75 %			
Premium Class G Cmt	200 sks	15.8#/gal	1.15 cuft/sk	5.0 gal/sk
Premium G Cmt	100 % (BWOC)			
Calcium Chloride	2 % (BWOC)			
Flocele	¼ # /sk			

Total mix water (cement only)	24 bbl (1800 gal)
Water ahead	10 bbl
Gel sweep	20 bbl
200 sks Cement	40.9 bbl (15.8 ppg)
Drop Top Plug	
Displacement	19.6 bbl



Berry Petroleum
Lake Canyon Project
5 ½ Production Casing
LC Tribal 5-21D-56

With loss of circulation

T.D.	6316 ft
Hole Size	7 7/8 in
Casing Size	5 ½ in
Casing Weight	15.50 lb/ ft
Tail Cement Coverage	6316 ft to 3500 ft
Tail Cement Excess	15 %
Lead Cement Coverage	3500 ft to surface
Lead Cement Excess	15 %

Hifill Lead Cmt 180sks 11.0 #/gal 3.82 cuft/sk 23.0 gal/sk

Premium Type V Cmt	100 % (BWOC)
Gel	16 % (BWOC)
Gilsonite	10 #/sk
GR 3	3 #/sk
Salt	3 % (BWOC)
Flocele	¼ # /sk

Premium Lite Tail 330 sks 13.1#/gal 1.70cuft/sk 7.7gal/sk

Premium Class G Cmt	65 % (BWOC)
Poz	35 % (BWOP)
Gel	6% (BWOC)
Gilsonite	10# /sk
CDI 33	.2 % (BWOC)
CFL 175	.2% (BWOC)
Flocele	¼ # /sk
Salt	10 % (BWOW)

Total Mix Water (Cement Only)	6681 gallons
Water ahead	10 bbls(8.33 ppg)
Mud Flush	20 bbls(8.34 ppg)
Water Spacer	10 bbls(8.33 ppg)
Lead Cement	122.5 bbls(11 ppg)
Tail Cement(With loss Circulation)	100.0 bbls(13.1 ppg)
Wash Pump and Lines and Drop Top Plug	
Displacemnet (KCL)	149.3 bbls(8.4 ppg)



Berry Petroleum
Lake Canyon Project
5 ½ Production Casing
LC Tribal 5-21D-56

No loss of circulation

T.D.	6316 ft
Hole Size	7 7/8 in
Casing Size	5 ½ in
Casing Weight	15.50 lb/ ft
Tail Cement Coverage	6316 ft to 3500 ft
Tail Cement Excess	15 %
Lead Cement Coverage	3500 ft to surface
Lead Cement Excess	15 %

Hifill Lead Cmt 180 sks 11.0#/gal 3.82 cuft/sk 23.0 gal/sk

Premium type V cmt	100 % (BWOC)
Gel	16 % (BWOC)
Gilsonite	10 #/sk
GR 3	3 #/sk
Salt	3 % (BWOC)
Flocele	¼ #/sk

50/50 Poz Tail Cmt 445 sks 14.2 #/gal 1.26cuft/sk 5.75 gal/sk

Premium Class G Cmt	50 % (BWOC)
Poz	50 % (BWOP)
Gel	2 % (BWOC)
Salt	10 % (BWOW)
CDI 33	.2 % (BWOC)
CFL 175	.2 % (BWOC)
Flocele	¼ # /sk

Total Mix Water (Cement Only)	6699 gal	
Water ahead	10 bbl	
Mud Flush	20 bbl	
Water Spacer	10 bbl	
Lead Cement	122.5 bbl	(11 ppg)
Tail Cement	100.0 bbl	(14.2 ppg)
Wash Pump and Lines Drop Top Plug Displacement (KCl)	149.3 bbl	

BERRY PETROLEUM COMPANY
LC TRIBAL 5-21D-56

Surface location: NW ¼, NW ¼, 382' FNL 479' FWL, SEC. 21, T5S, R6W, U.S.B. & M.
BHL: SW ¼, NW ¼, 1813' FNL, 660'
Duchesne, County, Utah

ONSHORE ORDER NO. 1

MULTI POINT SURFACE USE & OPERATIONS PLAN

1 Existing Roads

To reach the Berry Petroleum Company well, LC Tribal 5-21D-56, in Section 21-T5S-R6W:

Start in Duchesne, Utah. Proceed Southwest up Indian Canyon (US 191) and go 10.0 miles to the Right Fork Indian Canyon road. Turn west off the Hwy and proceed 3.4 miles to the 3-21D-56 access road and proceed approx. 218'+/- to the LC Tribal 5-21D-56 location.

Please see the attached map for additional details.

2 Planned Access Road

See Topographic Map "A & B" for the location of the proposed access road.

3 Location of Existing Wells

See Topographic Map "C" for the location of existing wells within a 1 mile radius.

4 Location of Tank Batteries, Production Facilities and Production Gathering and Service Lines

All permanent (on site for six months or longer) structures constructed or installed will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded.

A containment dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks). This dike will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank. The site specific APD will address additional capacity if such is needed due to environmental concerns. The use of topsoil for the construction of dikes will not be allowed. If a Spill Prevention, Control, and Countermeasure (SPCC) Plan is required by the Environmental Protection Agency, the containment dike may be expanded with the Authorized Agency Officer's approval to meet SPCC requirements.

A description of the proposed pipeline and a map illustrating the proposed route is attached.

Berry Petroleum Company
LC TRIBAL 5-21D-56

Multi Point Surface Use & Operations Plan
Duchesne County, UT

All site security guidelines identified in Federal regulation 43 CFR 3126.7, will be adhered to. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease production will have prior written approval from the Authorized Agency Officer.

Gas meter runs will be located approximately 100 feet from the wellhead. Where necessary, the gas line will be anchored down from the wellhead to the meter.

5 Location and Type of Water Supply

Water for the drilling and completion will be pumped or trucked from the Berry source wells located in Sec. 23, T5S, R5W or Sec. 24, T5S, R5W, permit # 43-11041, or from Douglas E. & Yordis Nielsen source well located in Sec. 12, T5S, R6W, permit # 43-1628, or from Duchesne City Culinary Water Dock located in Sec. 1, T4S, R5W or from East Duchesne Water, Arcadia Feedlot, Sec. 28, T3S, R3W or from Petroglyph Operating Company 08-04 Waterplant, Sec. 8, T5S, R3W .

6 Source of Construction Materials

All construction materials for this location site and access road shall be borrow material accumulated during construction of the location site and access road.

Additional gravel or pit lining material will be obtained from a private source.

The use of materials under Authorized Agency jurisdiction will conform with 43 CFR 3610.2-3.

7 Methods of Handling Waste Materials

Drill fluids will be contained in a closed loop system. Cuttings will be contained on site and buried in a pit or used on location or access roads whichever is deemed appropriate by the authorized agency.

After first production, produced wastewater will be trucked to one of the following approved waste water disposal sites: R.N. Industries, Inc. Sec. 4, T2S, R2W, Bluebell; MC & MC Disposal Sec. 12, T6S, R19E, Vernal; LaPoint Recycle & Storage Sec. 12, T5S, R19E, LaPoint or Water Disposal Inc. Sec. 32, T1S, R1W, Roosevelt, used in the operations of the field or, unless prohibited by the Authorized Officer, confined to the approved pit or storage tank for a period not to exceed 90 days. The use of such pit is hereby approved as part of this Application for Permit to Drill.

Production fluids will be contained in leak-proof tanks. All production fluids will be disposed of at approved disposal sites. Produced water, oil, and other byproducts will not be applied to roads or well pads for control of dust or weeds. The indiscriminate dumping of produced fluids on roads, well sites, or other areas will not be allowed.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical portable toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. Trash will not be burned on location.

Berry Petroleum Company
LC TRIBAL 5-21D-56

Multi Point Surface Use & Operations Plan
Duchesne County, UT

All debris and other waste materials not contained in the trash cage will be cleaned up and removed from the location promptly after removal of the completion rig (weather permitting).

Any open pits will be fenced during the operations. The fencing will be maintained with best efforts until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of wells. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of wells within these areas.

8 Ancillary Facilities

There are no ancillary facilities planned for at this time and none are foreseen in the future.

9 Well site Layout

The attached Location Layout diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, pipe racks, trailer parking, spoil dirt stockpile(s) and surface material stockpile(s)

10 Plans for Restoration of the Surface

The dirt contractor will be provided with approved copies of the Surface Use Plan prior to construction activities.

Upon well completion, within a reasonable time, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions may include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and the re-establishment of vegetation as specified.

All disturbed areas will be re-contoured to the approximate natural contours.

Any drainage rerouted during the construction activities shall be restored to its original line of flow or as near as possible.

Prior to the construction of the location, the top 12 inches of soil material (if present) will be stripped and stockpiled. Placement of the topsoil is noted on the location plat attached. Topsoil shall be stockpiled separately from subsoil materials. Topsoil salvaged from the reserve pit shall be stockpiled separately near the reserve pit.

When restoration activities have been completed, the location site and new access road cuts and shoulders shall be reseeded. Prior to reseeding, all disturbed areas, including the old access road, will be scarified and left with a rough surface.

Berry Petroleum Company
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Multi Point Surface Use & Operations Plan
Duchesne County, UT

The Authorized Agency Officer shall be contacted for the required seed mixture. Seed will be broadcast and the amount of seed mixture per acre will be doubled. The seeded area will then be "walked" with a dozer to assure coverage of the seeds. The seed mixture will reflect the recommendation from the Archeology study done.

At final abandonment, all casing shall be cut off at the base of the cellar or 3 feet below final restored ground level, whichever is deeper, and cap the casing with a metal plate a minimum of 0.25 inches thick. The cap will be welded in place and the well location and identity will be permanently inscribed on the cap. The cap also will be constructed with a weep hole.

11 Surface Ownership

Larry Fogel
280 Addison Circle
Fowlerville, MI 48836-7705

12 Other information

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites or other applicable facilities. A list of noxious weeds may be obtained from the Authorized Agency or the appropriate County Extension Office.

Drilling rigs and/or equipment used during drilling operations on this location will not be stacked or stored on administered lands after the conclusion of drilling operations or at any other time without authorization by the Authorized Agency Officer. If authorization is obtained, such storage is only a temporary measure.

Travel is restricted to only approved travel routes.

A class III archaeological survey will be conducted on all lands, unless landowner waives rights for archaeological survey. All personnel will refrain from collecting artifacts and from disturbing any significant cultural resources in the area. The operator is responsible for informing all persons in the area who are associated with this project that they may be subject to prosecution for knowingly disturbing historic or archaeological sites or for collecting artifacts. All vehicular traffic, personnel movement, construction, and restoration activities shall be confined to the areas examined, as referenced in the archaeological report, and to the existing roadways and/or evaluated access routes. If historic or archaeological materials are uncovered during construction, the Operator is to immediately stop work that might further disturb such materials and contact the Authorized Agency Officer.

Within five working days, the Authorized Agency Officer will inform the operator as to:

Whether the materials appear eligible for the National Historic Register of Historic Places; The mitigation measures the operator will likely have to undertake before the site can be used (assuming in-situ preservation is not necessary); and, the time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic

Berry Petroleum Company
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Multi Point Surface Use & Operations Plan
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Preservation Officer, that the findings of the Authorized Officer are correct and that the mitigation measures are appropriate.

If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Agency Officer and/or the surface owner will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise the operator will be responsible for mitigation costs. The Authorized Agency Officer and/or the surface owner will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Agency Officer that required mitigation has been completed, the Operator will then be allowed to resume construction.

All Surface Use Conditions of Approval associated with the Landowner Surface Use Agreement and Environmental Analysis Mitigation Stipulations will be adhered to.

All well site locations will have appropriate signs indicating the name of the operator, the lease serial number, the well name and number, the survey description of the well (either footages or the quarter/quarter section, the section, township, and range).

CONFIDENTIAL

Berry Petroleum Company
LC TRIBAL 5-21D-56

Multi Point Surface Use & Operations Plan
Duchesne County, UT

13 Operator's Representative and Certification

A) Representative

NAME: Kathy K. Fieldsted
ADDRESS: Berry Petroleum Company
4000 South 4028 West
Route 2, Box 7735
Roosevelt, Utah 84066
PHONE: 435-722-1325

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations and onshore oil and gas orders. The operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The drilling permit will be valid for a period of two years from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

B) Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge and belief, true and correct; and that the work associated with the operations proposed herein will be performed by Berry Petroleum Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

DATE

May 4, 2011


Kathy K. Fieldsted
Sr. Regulatory & Permitting Tech
Berry Petroleum Company

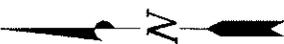
BERRY PETROLEUM COMPANY

WELL PAD INTERFERENCE PLAT

LC TRIBAL 3-21D-56 (Proposed Well)

LC TRIBAL 5-21D-56 (Proposed Well)

Pad Location: NWNW Section 21, T5S, R6W, U.S.B.&M.



TOP HOLE FOOTAGES

3-21D-56 (PROPOSED)
373' FNL & 497' FWL
5-21D-56 (PROPOSED)
382' FNL & 479' FWL

BOTTOM HOLE FOOTAGES

3-21D-56 (PROPOSED)
660' FNL & 1830' FWL
5-21D-56 (PROPOSED)
1813' FNL & 660' FWL

Proposed Access

Future Pit

Edge of Proposed Pad

565.30' ±

S07°15'30"E - 1443.89'
(To Bottom Hole)

3-21D-56 (PROPOSED)

5-21D-56 (PROPOSED)

S77°26'59"E - 1365.68'
(To Bottom Hole)

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
3-21D-56	40° 02' 17.96"	110° 34' 20.36"
5-21D-56	40° 02' 17.87"	110° 34' 20.59"

RELATIVE COORDINATES From top hole to bottom hole

WELL	NORTH	EAST
3-21D-56	-297'	1,333'
5-21D-56	-1432'	182'

Note:
Bearings are based
on GPS Observations.

SURVEYED BY: S.H.	DATE SURVEYED: 08-21-10
DRAWN BY: M.W.	DATE DRAWN: 12-07-10
SCALE: 1" = 50'	REVISED: L.C.S. 01-25-11

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

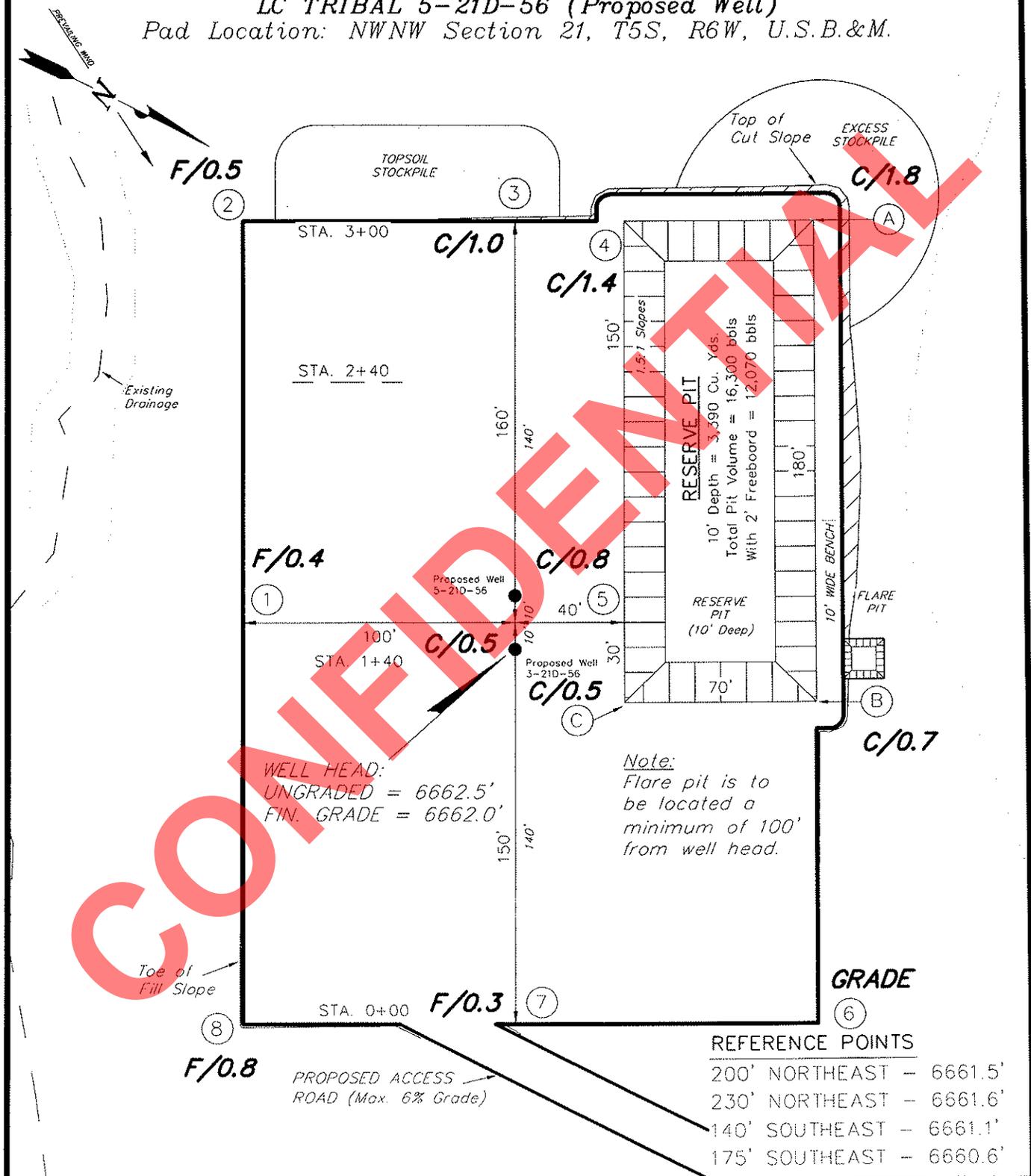
BERRY PETROLEUM COMPANY

LOCATION LAYOUT

LC TRIBAL 3-21D-56 (Proposed Well)

LC TRIBAL 5-21D-56 (Proposed Well)

Pad Location: NWNW Section 21, T5S, R6W, U.S.B.&M.



WELL HEAD:
UNGRADED = 6662.5'
FIN. GRADE = 6662.0'

Note:
Flare pit is to
be located a
minimum of 100'
from well head.

REFERENCE POINTS	
200' NORTHEAST	6661.5'
230' NORTHEAST	6661.6'
140' SOUTHEAST	6661.1'
175' SOUTHEAST	6660.6'

SURVEYED BY: S.H.	DATE SURVEYED: 08-11-10
DRAWN BY: M.W.	DATE DRAWN: 12-07-10
SCALE: 1" = 50'	REVISED:

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

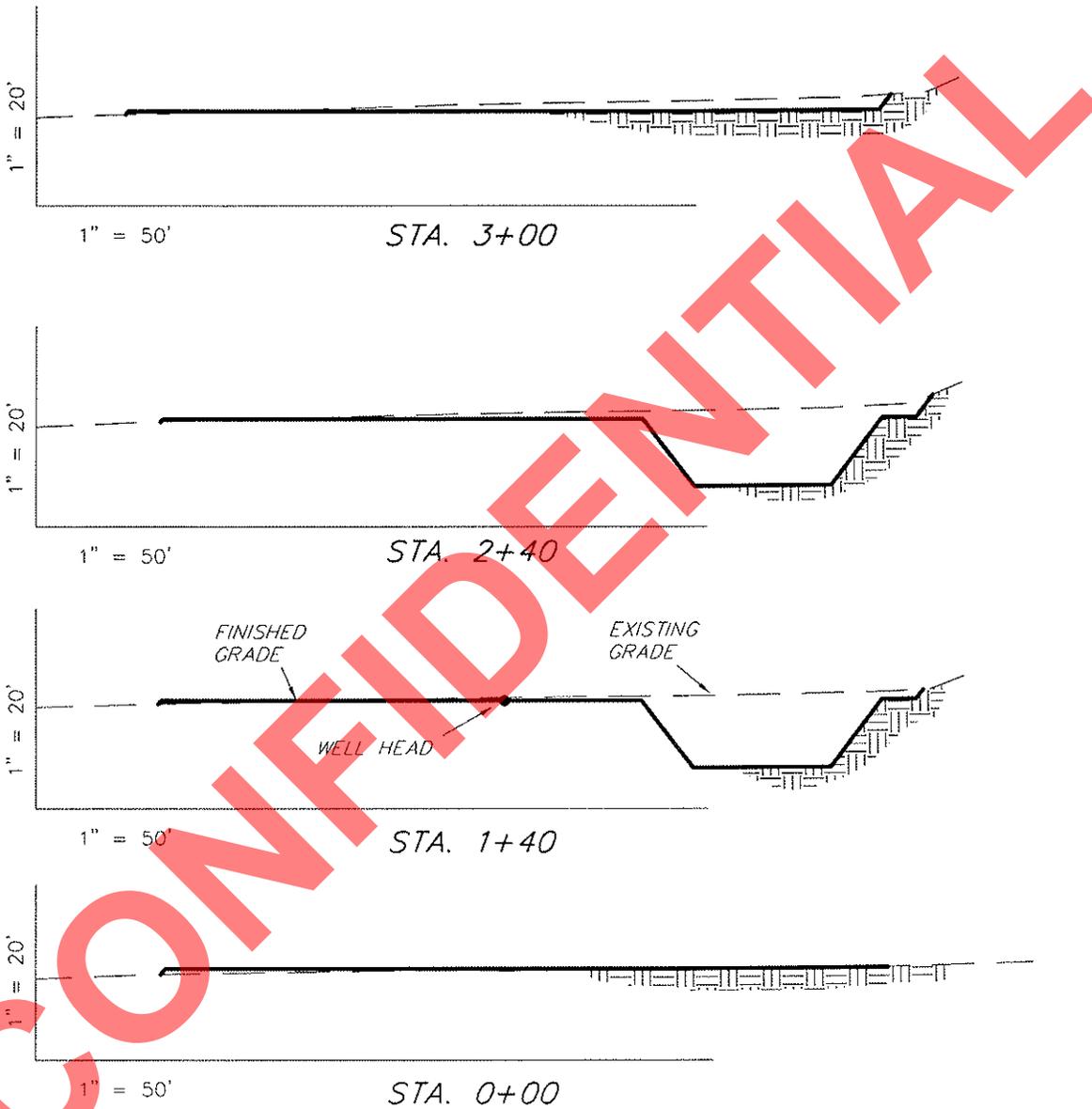
BERRY PETROLEUM COMPANY

CROSS SECTIONS

LC TRIBAL 3-21D-56 (Proposed Well)

LC TRIBAL 5-21D-56 (Proposed Well)

Pad Location: NWNW Section 21, T5S, R6W, U.S.B.&M.



ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	670	670	Topsoil is not included in Pad Cut	0
PIT	3,390	0		3,390
TOTALS	4,060	670	1,250	3,390

SURVEYED BY: S.H.	DATE SURVEYED: 08-11-10
DRAWN BY: M.W.	DATE DRAWN: 12-07-10
SCALE: 1" = 50'	REVISED:

Tri State
Land Surveying, Inc.
(435) 761-2501
180 NORTH VERNAL AVE VERNAL, UTAH 84078

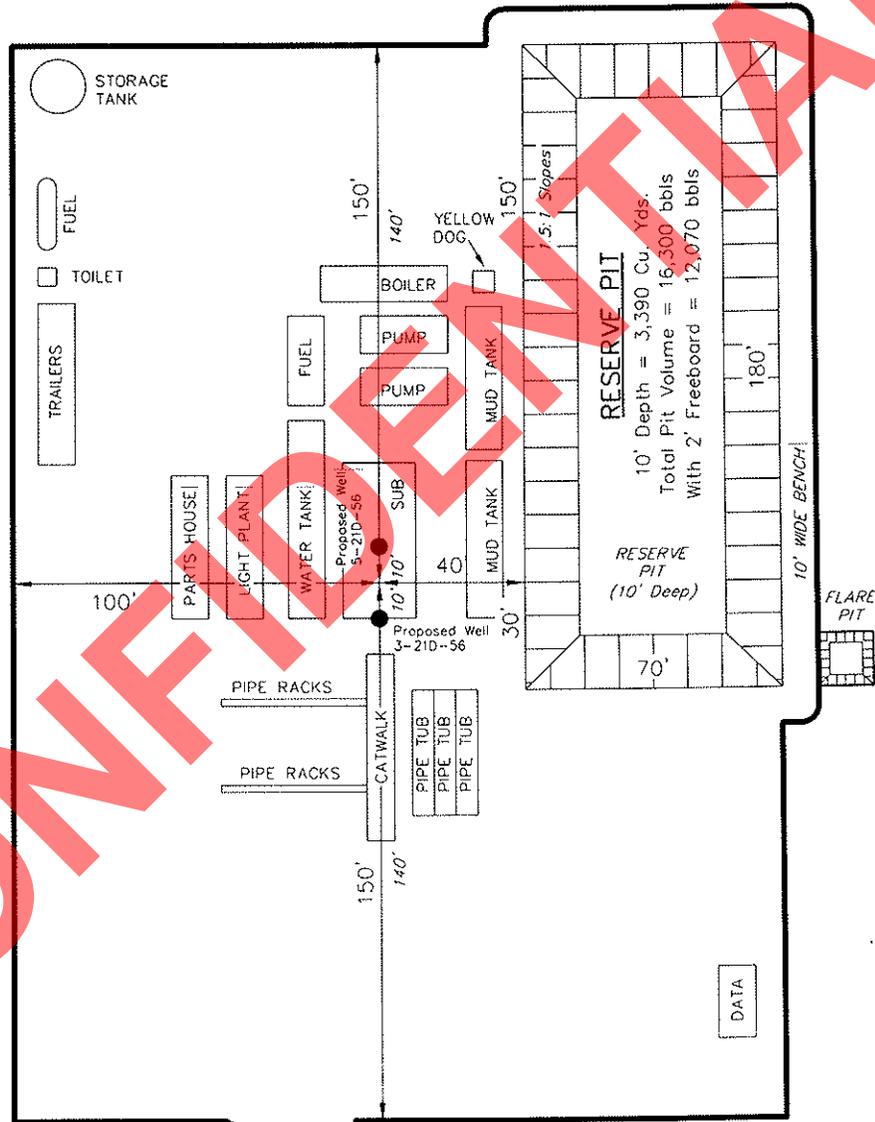
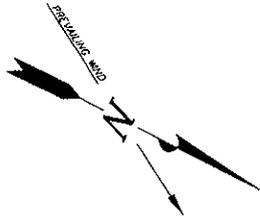
BERRY PETROLEUM COMPANY

TYPICAL RIG LAYOUT

LC TRIBAL 3-21D-56 (Proposed Well)

LC TRIBAL 5-21D-56 (Proposed Well)

Pad Location: NWNW Section 21, T5S, R6W, U.S.B.&M.



PROPOSED ACCESS ROAD (Max. 6% Grade)

SURVEYED BY: S.H.	DATE SURVEYED: 08-11-10
DRAWN BY: M.W.	DATE DRAWN: 12-07-10
SCALE: 1" = 50'	REVISED:

(435) 781-2501

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE VERNAL, UTAH 84078

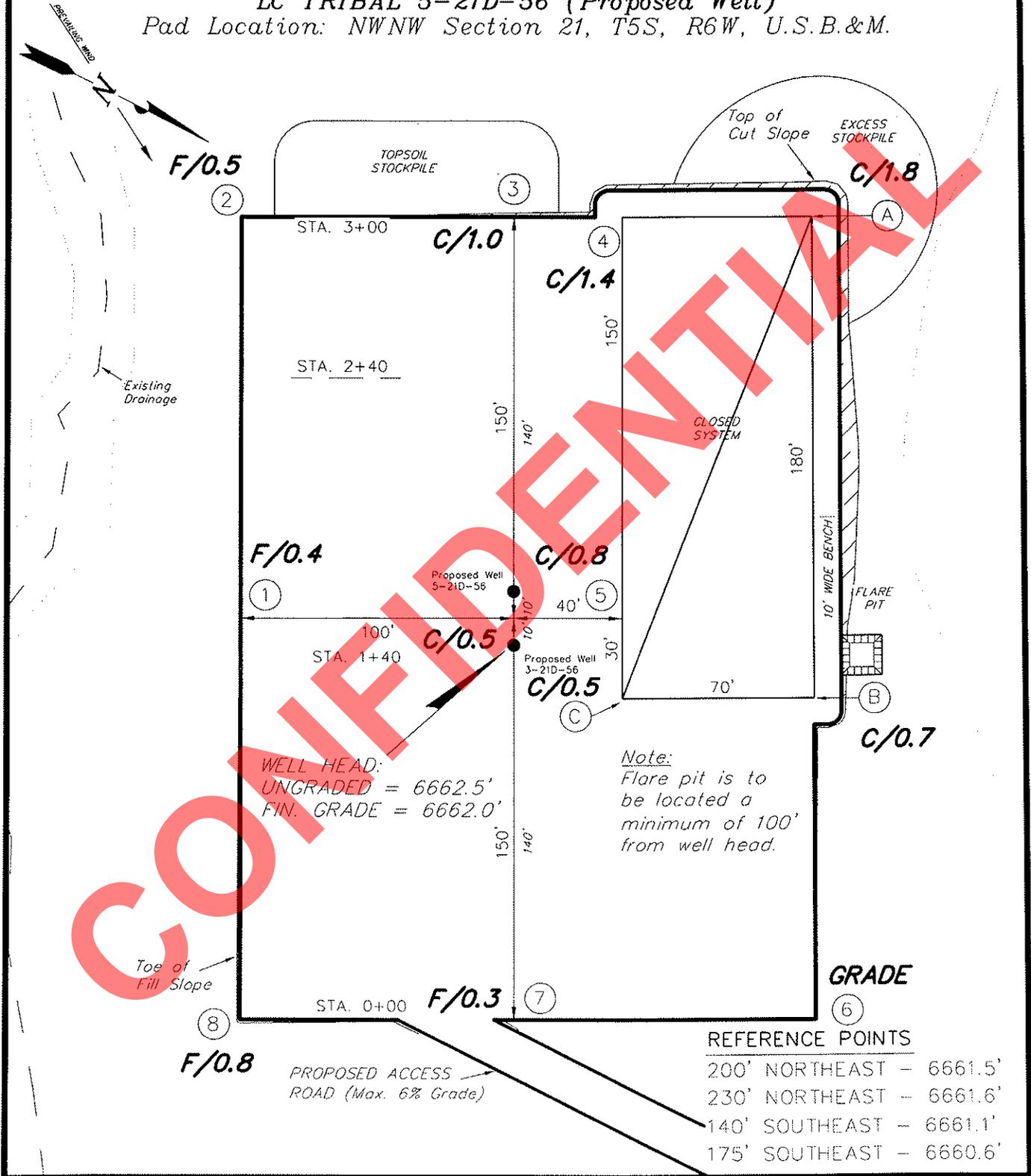
BERRY PETROLEUM COMPANY

LOCATION LAYOUT

LC TRIBAL 3-21D-56 (Proposed Well)

LC TRIBAL 5-21D-56 (Proposed Well)

Pad Location: NWNW Section 21, T5S, R6W, U.S.B.&M.



WELL HEAD:
 UNGRADED = 6662.5'
 FIN. GRADE = 6662.0'

Note:
 Flare pit is to
 be located a
 minimum of 100'
 from well head.

REFERENCE POINTS

200' NORTHEAST	- 6661.5'
230' NORTHEAST	- 6661.6'
140' SOUTHEAST	- 6661.1'
175' SOUTHEAST	- 6660.6'

SURVEYED BY: S.H.	DATE SURVEYED: 08-11-10
DRAWN BY: M.W.	DATE DRAWN: 12-07-10
SCALE: 1" = 50'	REVISED:

Tri State
 Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078
 (435) 781-2501

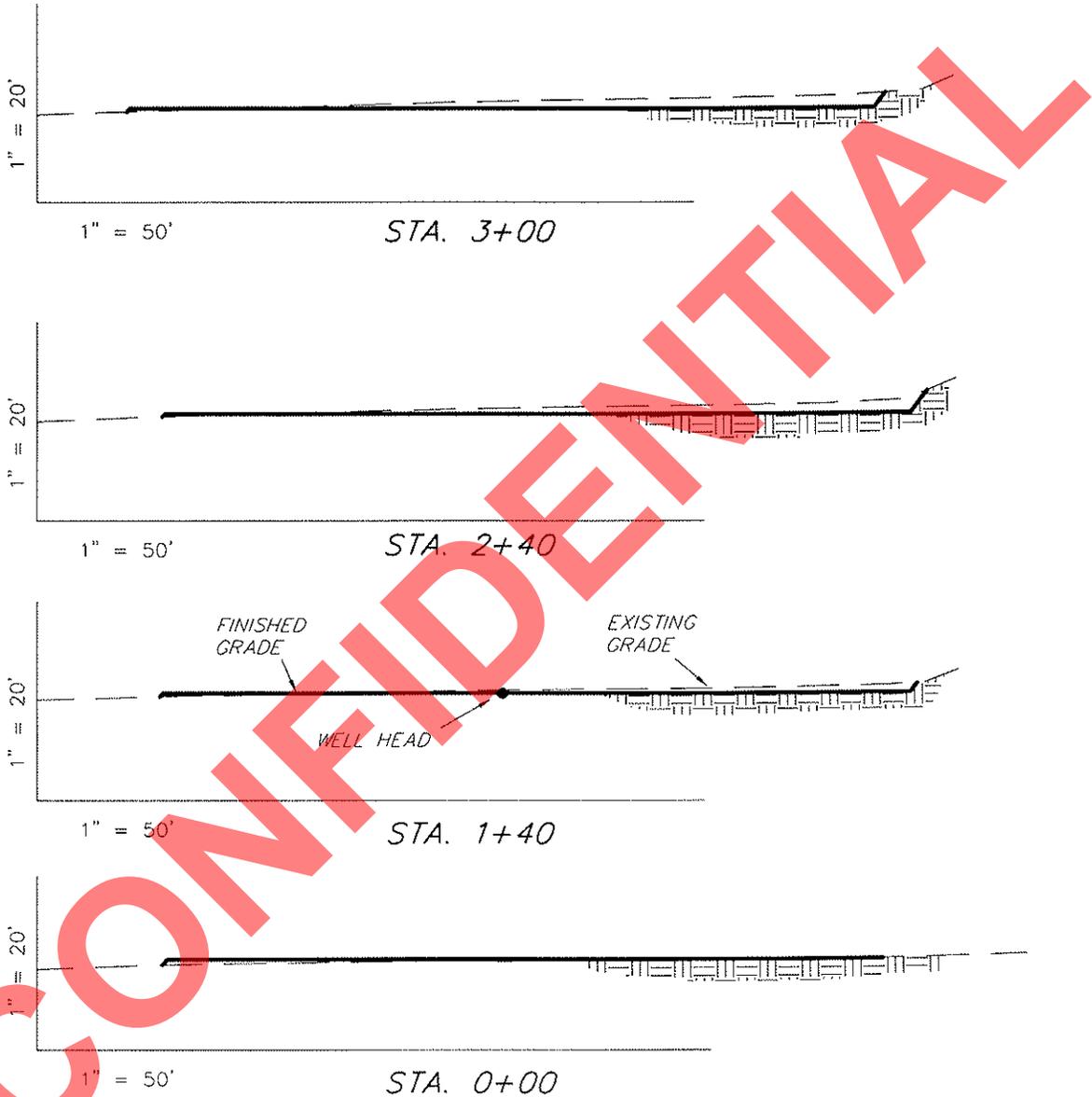
BERRY PETROLEUM COMPANY

CROSS SECTIONS

LC TRIBAL 3-21D-56 (Proposed Well)

LC TRIBAL 5-21D-56 (Proposed Well)

Pad Location: NWNW Section 21, T5S, R6W, U.S.B.&M.



ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	670	670	Topsoil is not included in Pad Cut	0
PIT	0	0		0
TOTALS	670	670	1,250	0

SURVEYED BY: S.H.	DATE SURVEYED: 08-11-10
DRAWN BY: M.W.	DATE DRAWN: 12-07-10
SCALE: 1" = 50'	REVISED:

Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE VERNAL, UTAH 84078

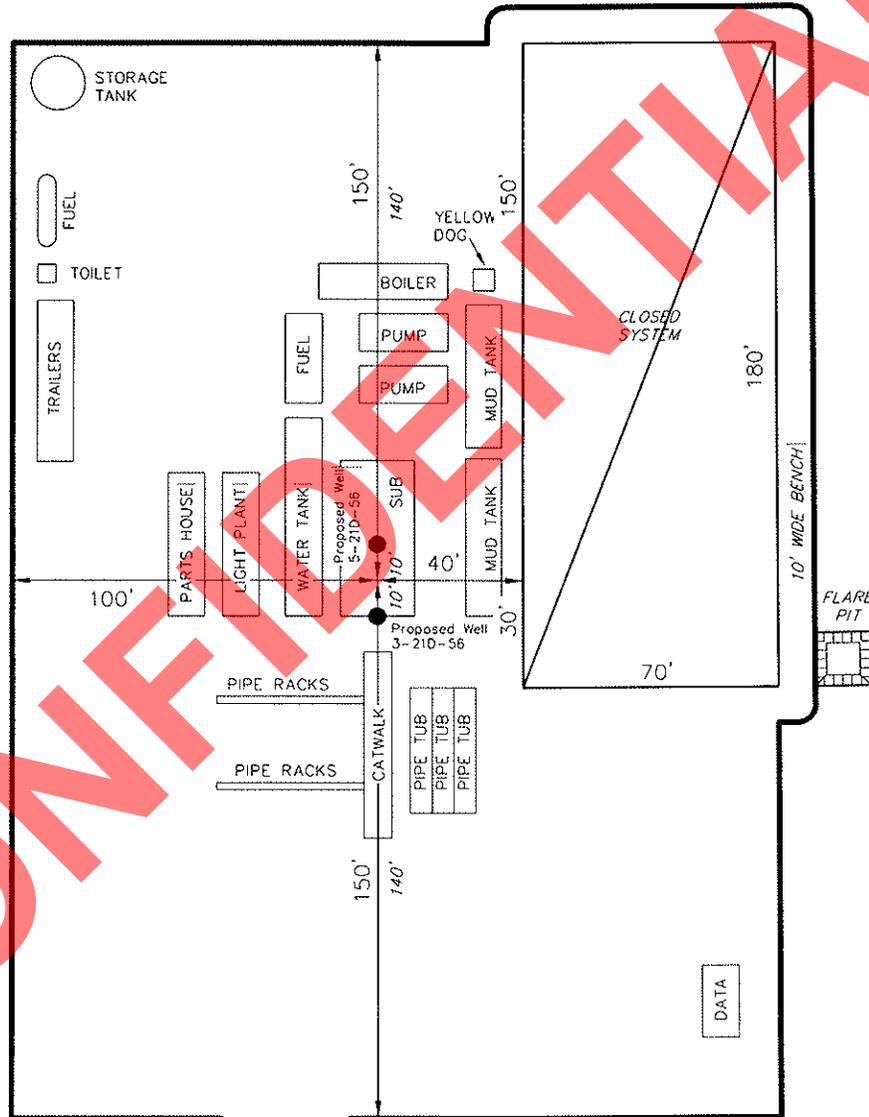
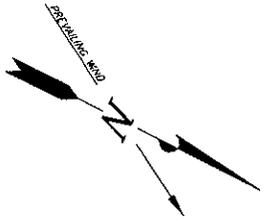
BERRY PETROLEUM COMPANY

TYPICAL RIG LAYOUT

LC TRIBAL 3-21D-56 (Proposed Well)

LC TRIBAL 5-21D-56 (Proposed Well)

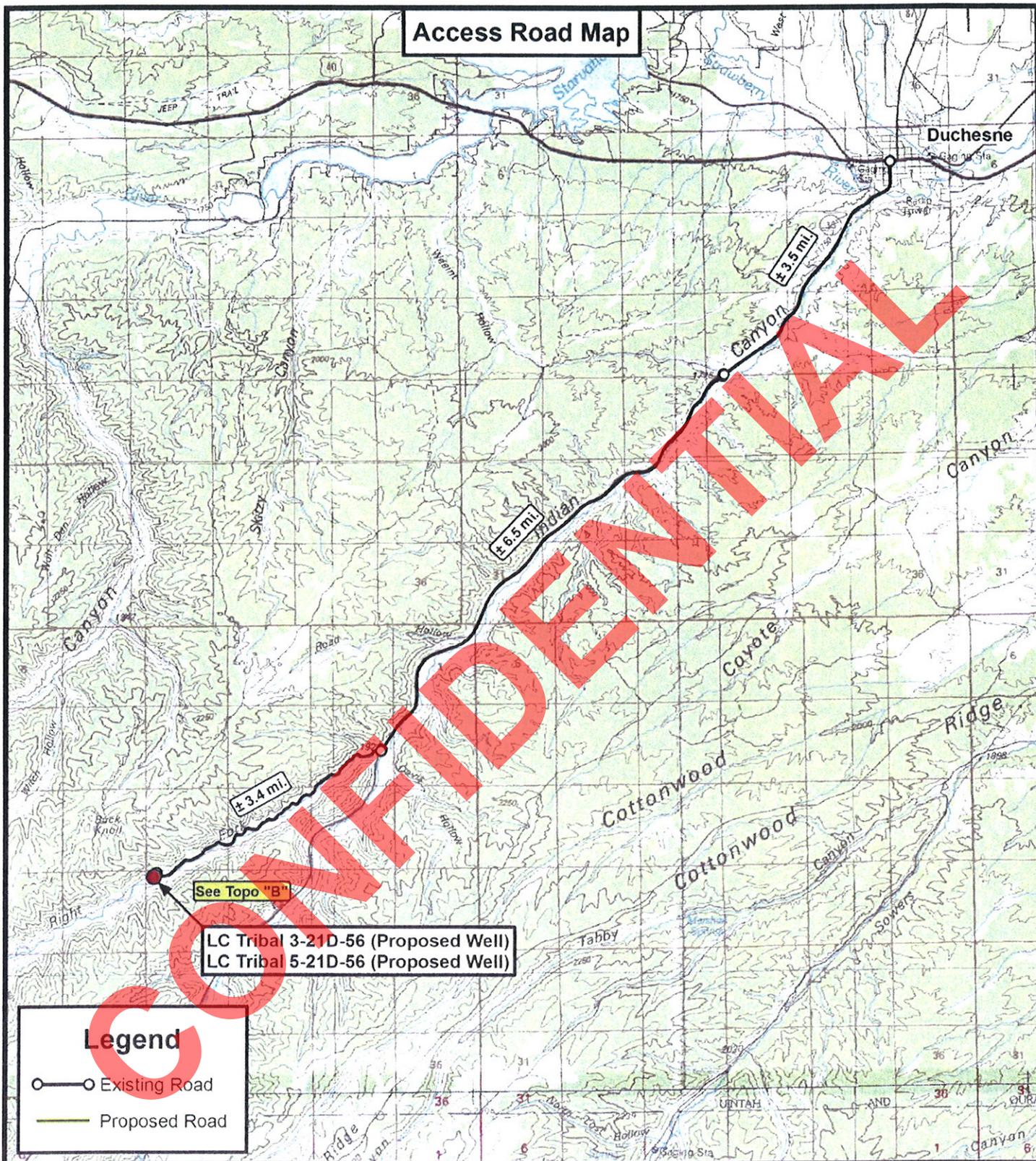
Pad Location: NWNW Section 21, T5S, R6W, U.S.B.&M.



PROPOSED ACCESS ROAD (Max. 6% Grade)

SURVEYED BY: S.H.	DATE SURVEYED: 08-11-10
DRAWN BY: M.W.	DATE DRAWN: 12-07-10
SCALE: 1" = 50'	REVISED:

Tri State Land Surveying, Inc. (435) 781-2501
 180 NORTH VERNAL AVE VERNAL, UTAH 84078



Legend

- Existing Road
- - - Proposed Road

LC Tribal 3-21D-56 (Proposed Well)
 LC Tribal 5-21D-56 (Proposed Well)

See Topo "B"

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 F: (435) 781-2518



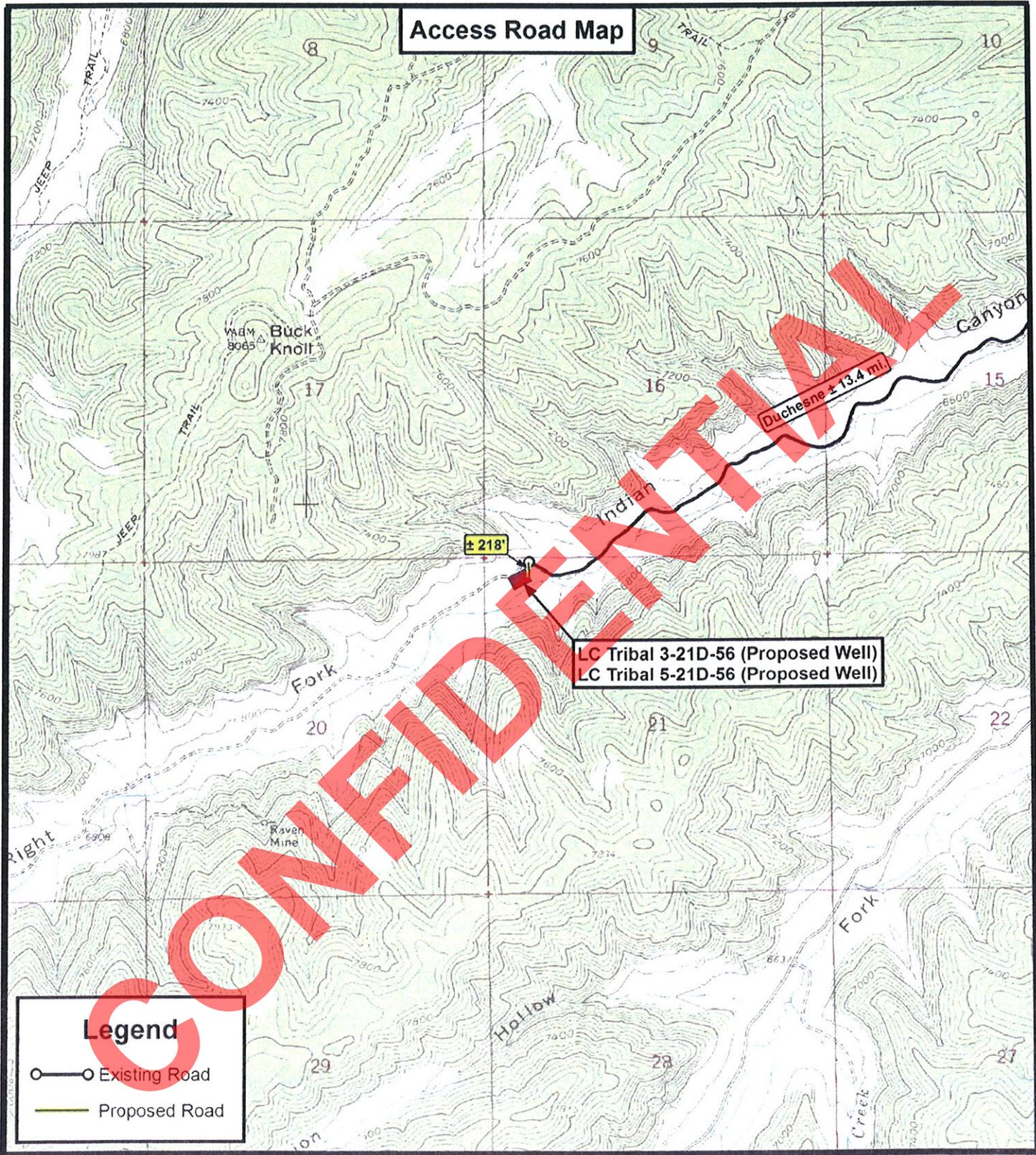
BERRY PETROLEUM COMPANY

LC Tribal 3-21D-56 (Proposed Well)
 LC Tribal 5-21D-56 (Proposed Well)
 SEC. 21, T5S, R6W, U.S.B.&M.
 Duchesne County, UT.

DRAWN BY:	C.H.M.
DATE:	12-08-2010
SCALE:	1:100 000

TOPOGRAPHIC MAP

SHEET
A



Access Road Map

Legend

- Existing Road
- Proposed Road

LC Tribal 3-21D-56 (Proposed Well)
 LC Tribal 5-21D-56 (Proposed Well)



**Tri State
Land Surveying, Inc.**
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
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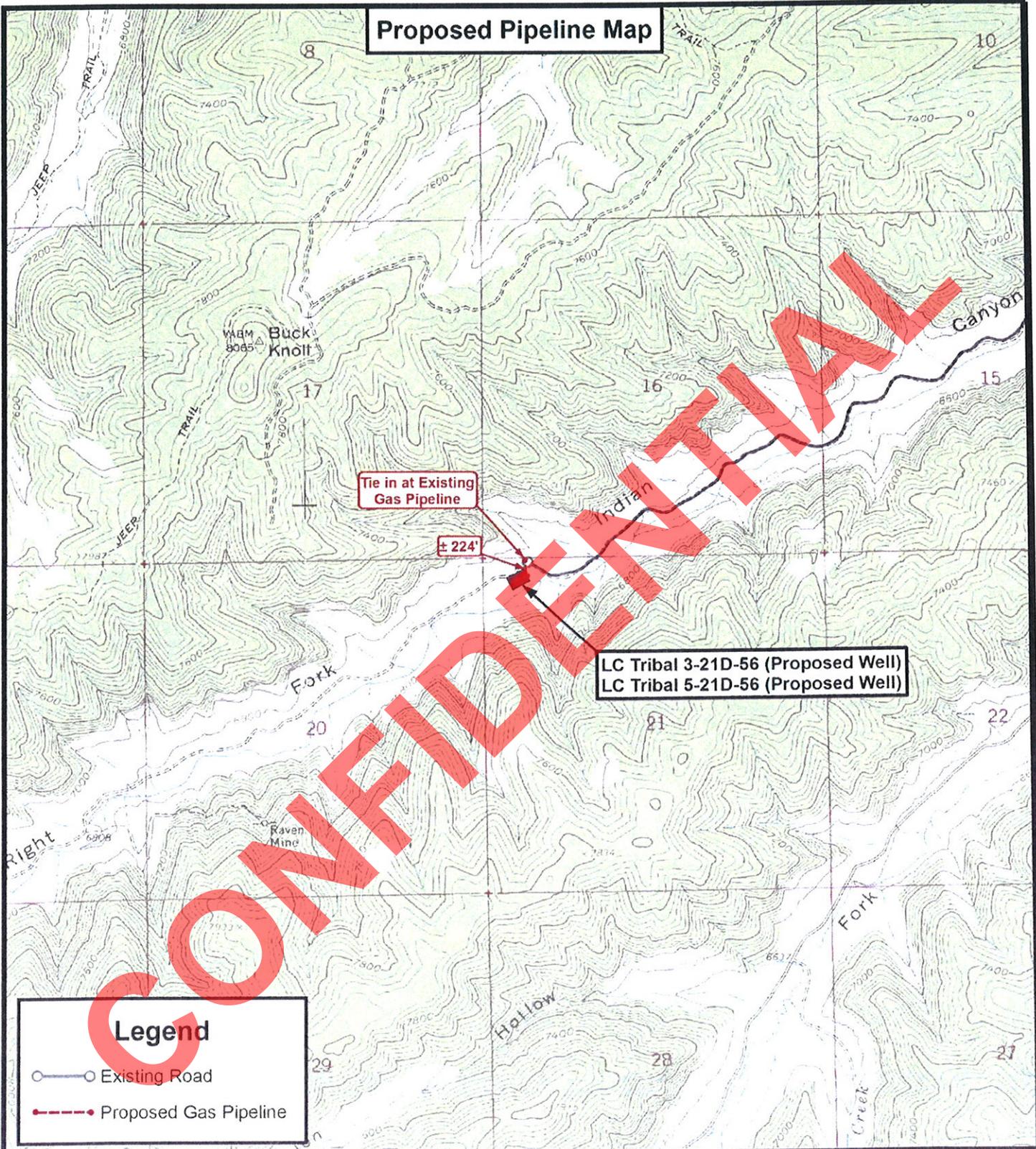
BERRY PETROLEUM COMPANY
 LC Tribal 3-21D-56 (Proposed Well)
 LC Tribal 5-21D-56 (Proposed Well)
 SEC. 21, T5S, R6W, U.S.B.&M.
 Duchesne County, UT.

DRAWN BY:	C.H.M.
DATE:	12-08-2010
SCALE:	1" = 2,000'

TOPOGRAPHIC MAP

SHEET
B

Proposed Pipeline Map



Legend

-  Existing Road
-  Proposed Gas Pipeline

Tri State Land Surveying, Inc.
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 P: (435) 781-2501
 F: (435) 781-2518



BERRY PETROLEUM COMPANY

LC Tribal 3-21D-56 (Proposed Well)
 LC Tribal 5-21D-56 (Proposed Well)
 SEC. 21, T5S, R6W, U.S.B.&M.
 Duchesne County, UT.

DRAWN BY:	C.H.M.
DATE:	12-08-2010
SCALE:	1" = 2,006'

TOPOGRAPHIC MAP

SHEET
C

**Location
Photos**

Center Stake
Looking Southeasterly

Date Photographed: 08/10/2010
Photographed By : S. Hawk



Access
Looking Southeasterly

Date Photographed: 08/10/2010
Photographed By : S. Hawk



CONFIDENTIAL

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BERRY PETROLEUM COMPANY

LC Tribal 3-21D-56 (Proposed Well)
LC Tribal 5-21D-56 (Proposed Well)
SEC. 21, T5S, R6W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY: C.H.M.
DATE: 12-08-2010

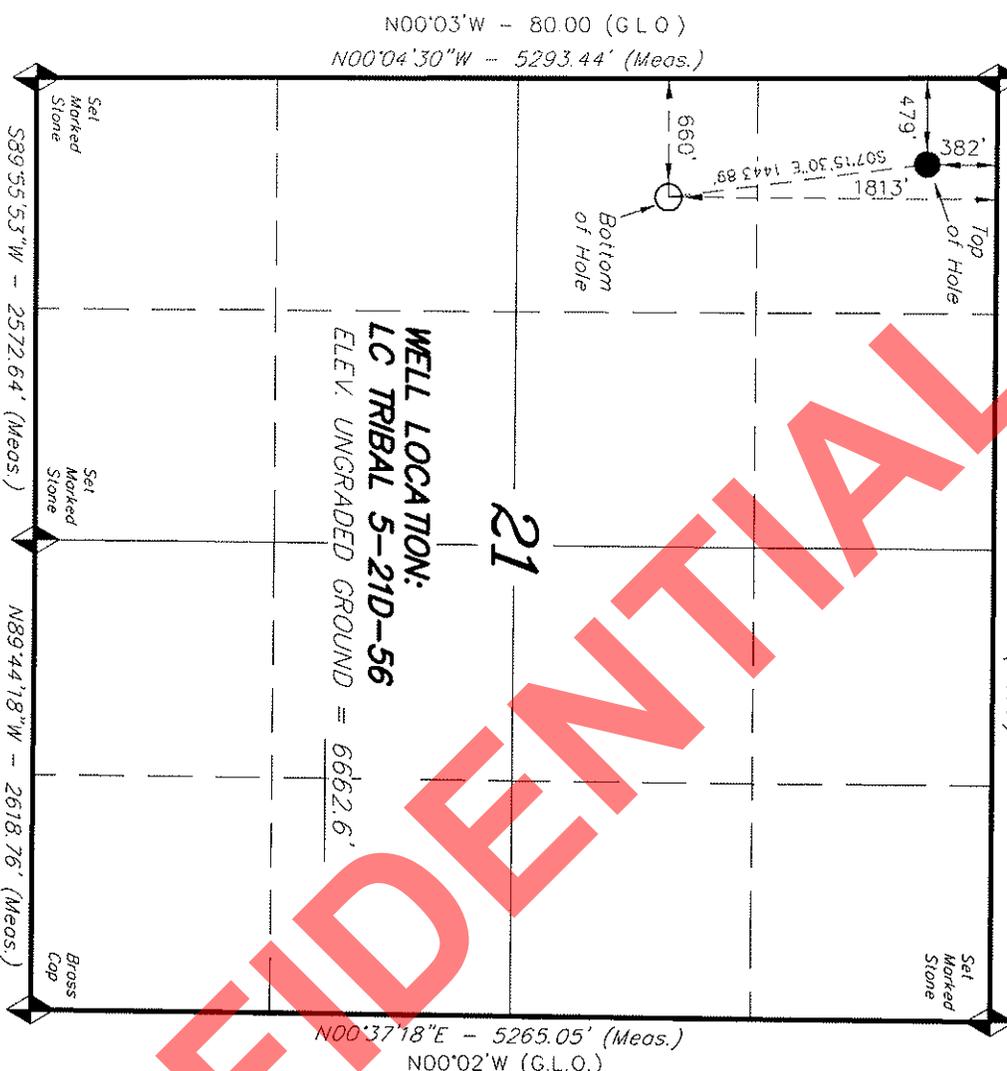
COLOR PHOTOGRAPHS

SHEET
P

T5S, R6W, U.S.B.&M.

BERRY PETROLEUM COMPANY

S89°57'W - 79.96 (G.L.O.)
 N89°35'25"W - 5255.55' (Meas.)

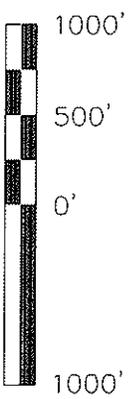


SECTION CORNERS LOCATED

BASIS OF ELEV. Elevations are base on ON N.G.S. OPUS Correction. LOCATION: LAT. 39°58'55.06" LONG. 110°22'05.00" (Tristate Aluminum Cap) Elev. 7307.99'

NAD 83 (SURFACE LOCATION)	LATITUDE = 40°02'17.87" (40.038297)
	LONGITUDE = 110°34'20.59" (110.572386)
NAD 27 (SURFACE LOCATION)	LATITUDE = 40°02'18.01" (40.038337)
	LONGITUDE = 110°34'18.03" (110.571626)
NAD 83 (BOTTOM HOLE LOCATION)	LATITUDE = 40°02'03.75" (40.034368)
	LONGITUDE = 110°34'18.20" (110.571722)
NAD 27 (BOTTOM HOLE LOCATION)	LATITUDE = 40°02'03.87" (40.034408)
	LONGITUDE = 110°34'15.84" (110.571012)

WELL LOCATION, LC TRIBAL 5-21D-56, LOCATED AS SHOWN IN THE NW 1/4 NW 1/4 OF SECTION 21, T5S, R6W, U.S.B.&M. DUCHEESNE COUNTY, UTAH.



- NOTES:**
- Well footages are measured at right angles to the Section Lines.
 - Bearings are based on Global Positioning Satellite observations.

THIS IS TO CERTIFY THAT THE ABOVE PERT WAS PREPARED FROM FIELD NOTES OF A SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

STACY W. STEWART
 REGISTERED LAND SURVEYOR
 STATE OF UTAH



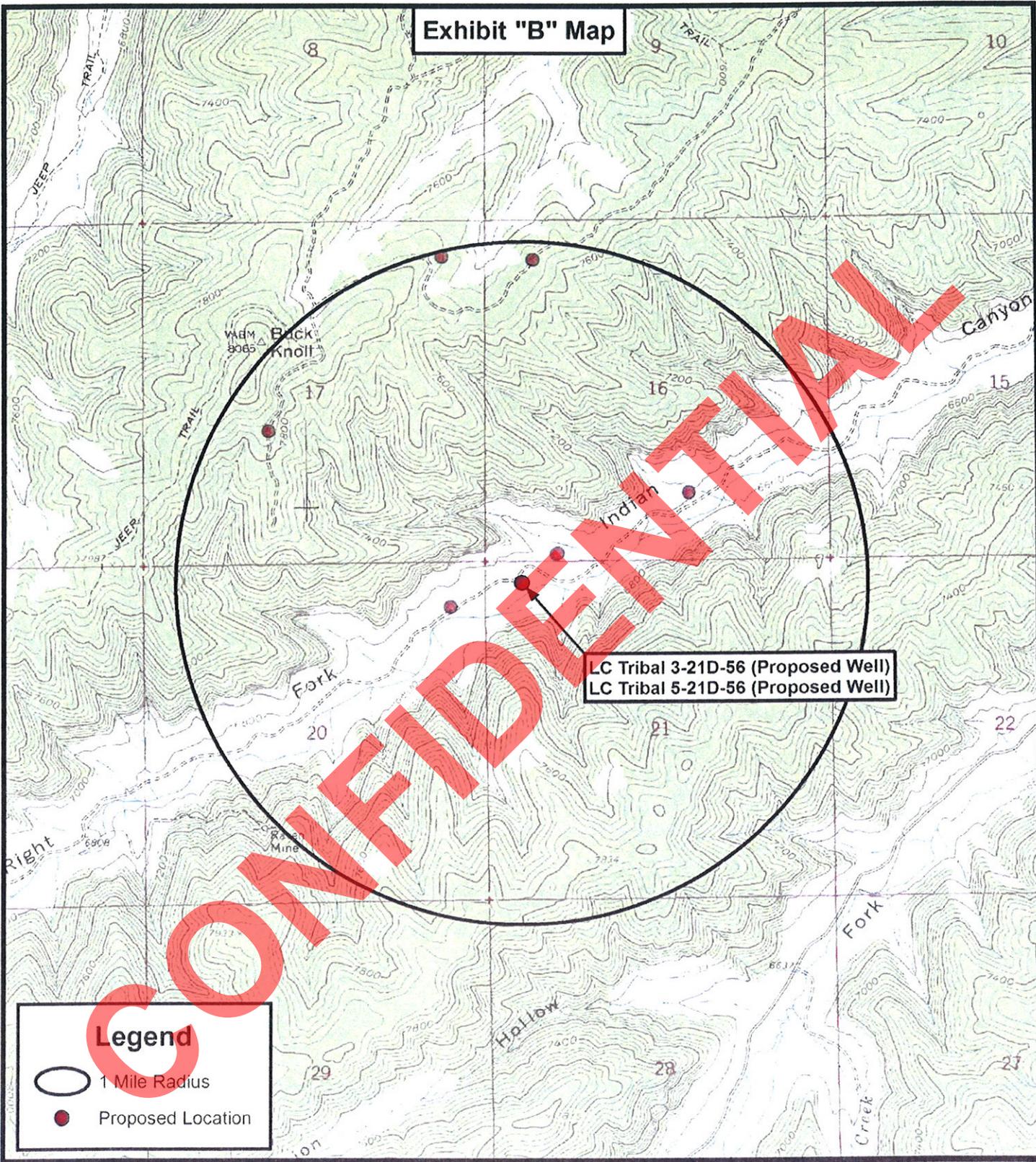
TRI STATE LAND SURVEYING & CONSULTING
 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
 (435) 781-2501

DATE SURVEYED: 8-10-10 SURVEYED BY: S.H.

DATE DRAWN: 12-07-10 DRAWN BY: M.W.

REVISED: L.C.S. 01-25-11 SCALE: 1" = 1000'

Exhibit "B" Map



Legend

- 1 Mile Radius
- Proposed Location

Tri State Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078
 P: (435) 781-2501
 F: (435) 781-2518



BERRY PETROLEUM COMPANY
 LC Tribal 3-21D-56 (Proposed Well)
 LC Tribal 5-21D-56 (Proposed Well)
 SEC. 21, T5S, R6W, U.S.B.&M.
 Duchesne County, UT.

DRAWN BY:	C.H.M.
DATE:	12-08-2010
SCALE:	1" = 2,000'

TOPOGRAPHIC MAP

SHEET **D**



Berry Petroleum Company

Project: Duchesne Co., UT (UT27C)
 Site: Sec.21-T5S-R6W
 Well: LC Tribal 5-21D-56
 Wellbore: Wellbore #1
 Design: Design #2
 Latitude: 40° 2' 18.013 N
 Longitude: 110° 34' 18.034 W
 Ground Level: 6662.00
 WELL @ 6676.00usft (Berry Rig 5)



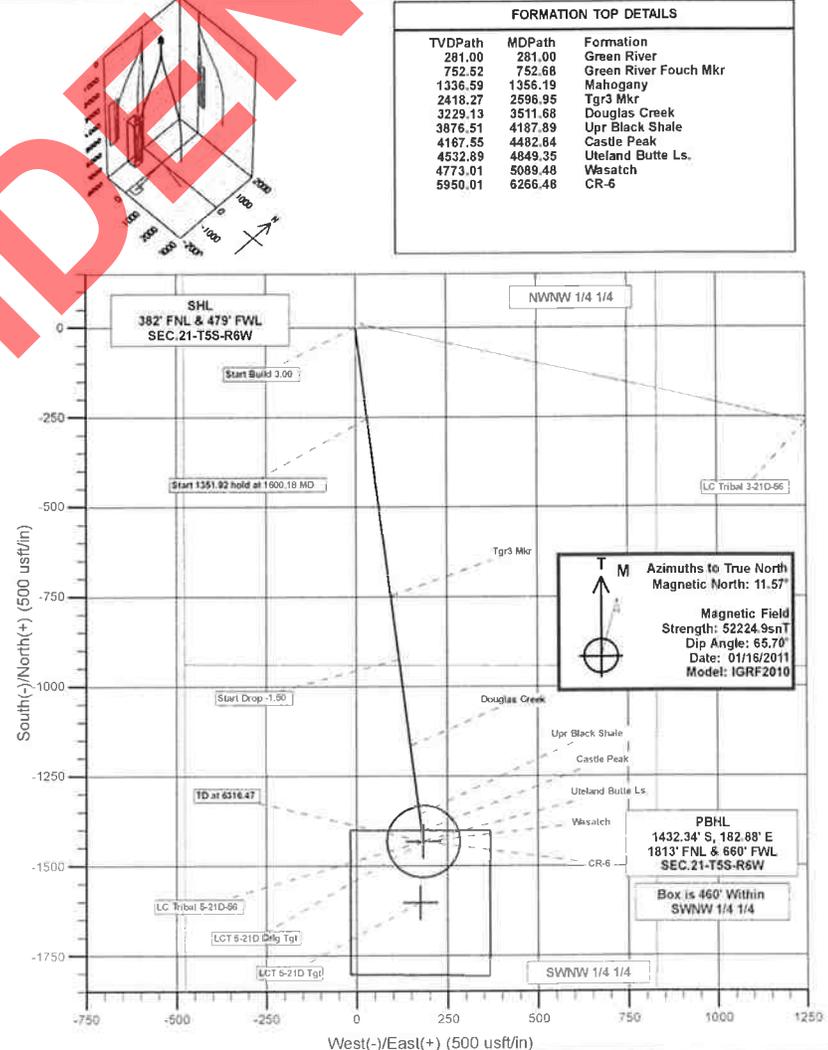
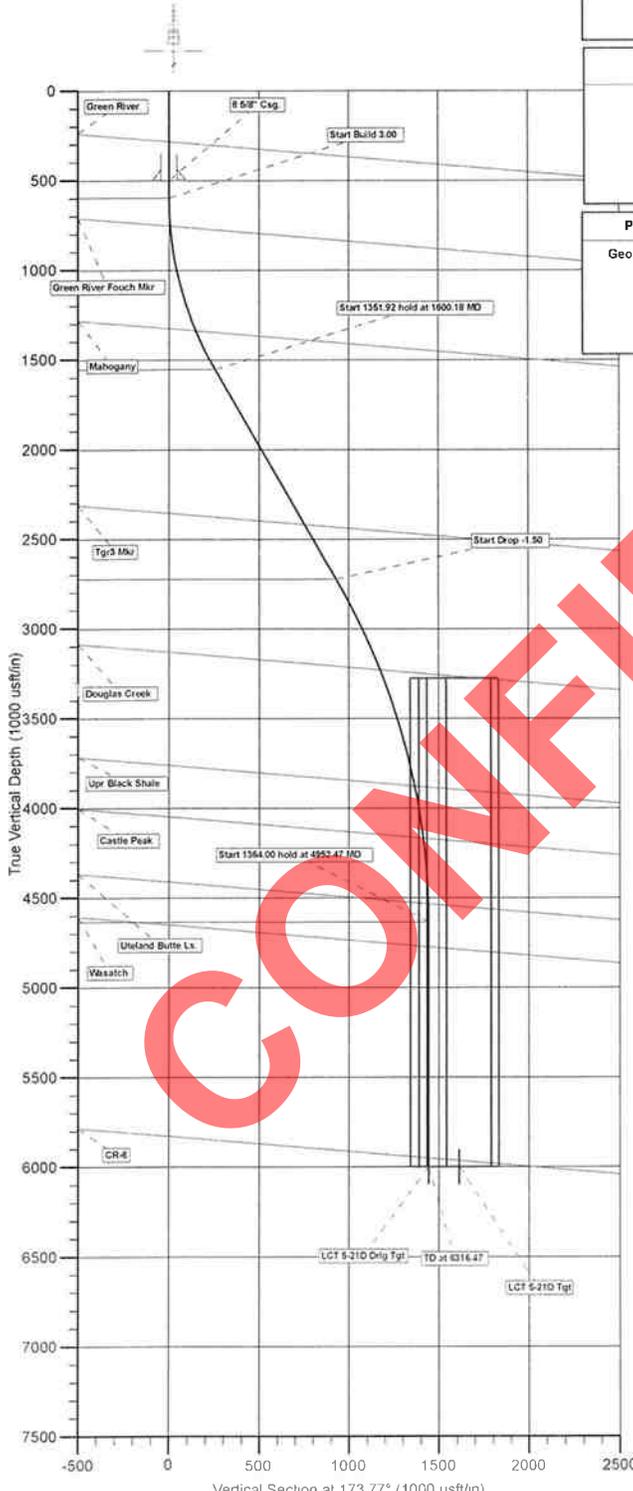
WELL DETAILS: LC Tribal 5-21D-56						
Ground Level: 6662.00						Slot
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
0.00	0.00	622358.167	2259914.044	40° 2' 18.013 N	110° 34' 18.034 W	

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)						
Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
LCT 5-21D Orig Tgt	6000.00	-1432.34	182.8840° 2' 3.857 N110° 34' 15.882 W			Circle (Radius: 100.00)
LCT 5-21D Tgt	6000.00	-1602.94	174.8640° 2' 2.171 N110° 34' 15.785 W			Polygon

SECTION DETAILS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Start Build 3.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	Start 1351.92 hold at 1600.18 MD
1600.18	30.01	172.72	1555.09	-253.90	32.42	3.00	172.72	255.92	Start Drop -1.50
2952.10	30.01	172.72	2725.02	-924.53	118.04	0.00	0.00	0.00	Start 1364.00 hold at 4952.47 MD
4952.47	0.00	0.00	4636.00	-1432.34	182.88	1.50	180.00	1443.73	TD at 6316.47
6316.47	0.00	0.00	6000.00	-1432.34	182.88	0.00	0.00	1443.73	

PROJECT DETAILS: Duchesne Co., UT (UT27C)		REFERENCE INFORMATION	
Geodetic System: US State Plane 1927 (Exact solution)		Co-ordinate (N/E) Reference: Well LC Tribal 5-21D-56, True North	
Datum: NAD 1927 (NADCON CONUS)		Vertical (TVD) Reference: WELL @ 6676.00usft (Berry Rig 5)	
Ellipsoid: Clarke 1866		Section (VS) Reference: Slot - (0.00N, 0.00E)	
Zone: Utah Central 4302		Measured Depth Reference: WELL @ 6676.00usft (Berry Rig 5)	
System Datum: Mean Sea Level		Calculation Method: Minimum Curvature	

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
281.00	281.00	Green River
752.52	752.68	Green River Fouch Mkr
1356.59	1356.19	Mahogany
2418.27	2598.95	Tgr3 Mkr
3229.13	3511.68	Douglas Creek
3876.51	4187.89	Upr Black Shale
4167.55	4482.64	Castle Peak
4532.89	4849.35	Uteland Butte Ls.
4773.01	5089.48	Wasatch
5950.01	6266.48	CR-6



Plan: Design #2 (LC Tribal 5-21D-56/Wellbore #1)
 Created By: BRET WOLFORD Date: 14:49, January 20 2011

Great White Directional Services, LLC
Planning Report



Database:	EDM 5000.1 EDMDBBW	Local Co-ordinate Reference:	Well LC Tribal 5-21D-56
Company:	Berry Petroleum Company	TVD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Project:	Duchesne Co., UT (UT27C)	MD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Site:	Sec.21-T5S-R6W	North Reference:	True
Well:	LC Tribal 5-21D-56	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

Project	Duchesne Co., UT (UT27C)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Utah Central 4302		

Site	Sec.21-T5S-R6W				
Site Position:		Northing:	622,358.171 usft	Latitude:	40° 2' 18.013 N
From:	Lat/Long	Easting:	2,259,914.043 usft	Longitude:	110° 34' 18.034 W
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16"	Grid Convergence:	0.59 °

Well	LC Tribal 5-21D-56					
Well Position	+N/-S	0.00 usft	Northing:	622,358.167 usft	Latitude:	40° 2' 18.013 N
	+E/-W	0.00 usft	Easting:	2,259,914.044 usft	Longitude:	110° 34' 18.034 W
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	6,662.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	01/16/11	11.57	65.70	52,225

Design	Design #2				
Audit Notes:					
Version:	Phase:	PLAN	Tie On Depth:	0.00	
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	173.77	

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.18	30.01	172.72	1,555.09	-253.90	32.42	3.00	3.00	0.00	172.72	
2,952.10	30.01	172.72	2,725.82	-924.53	118.04	0.00	0.00	0.00	0.00	
4,952.47	0.00	0.00	4,636.00	-1,432.34	182.88	1.50	-1.50	0.00	180.00	
6,316.47	0.00	0.00	6,000.00	-1,432.34	182.88	0.00	0.00	0.00	0.00	

Great White Directional Services, LLC
Planning Report



Database:	EDM 5000.1 EDMDBBW	Local Co-ordinate Reference:	Well LC Tribal 5-21D-56
Company:	Berry Petroleum Company	TVD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Project:	Duchesne Co., UT (UT27C)	MD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Site:	Sec.21-T5S-R6W	North Reference:	True
Well:	LC Tribal 5-21D-56	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
Green River									
281.00	0.00	0.00	281.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
8 5/8" Csg.									
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 3.00									
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	3.00	172.72	699.95	-2.60	0.33	2.62	3.00	3.00	0.00
Green River Fouch Mkr									
752.68	4.58	172.72	752.52	-6.05	0.77	6.10	3.00	3.00	0.00
800.00	6.00	172.72	799.63	-10.38	1.33	10.46	3.00	3.00	0.00
900.00	9.00	172.72	898.77	-23.32	2.98	23.51	3.00	3.00	0.00
1,000.00	12.00	172.72	997.08	-41.40	5.29	41.73	3.00	3.00	0.00
1,100.00	15.00	172.72	1,094.31	-64.55	8.24	65.07	3.00	3.00	0.00
1,200.00	18.00	172.72	1,190.18	-92.72	11.84	93.46	3.00	3.00	0.00
1,300.00	21.00	172.72	1,284.43	-125.83	16.07	126.83	3.00	3.00	0.00
Mahogany									
1,356.19	22.69	172.72	1,336.59	-146.57	18.71	147.73	3.00	3.00	0.00
1,400.00	24.00	172.72	1,376.81	-163.79	20.91	165.09	3.00	3.00	0.00
1,500.00	27.00	172.72	1,467.06	-206.49	26.36	208.13	3.00	3.00	0.00
Start 1351.92 hold at 1600.18 MD									
1,600.18	30.01	172.72	1,555.09	-253.90	32.42	255.92	3.00	3.00	0.00
1,700.00	30.01	172.72	1,641.53	-303.42	38.74	305.83	0.00	0.00	0.00
1,800.00	30.01	172.72	1,728.13	-353.02	45.07	355.83	0.00	0.00	0.00
1,900.00	30.01	172.72	1,814.72	-402.63	51.41	405.83	0.00	0.00	0.00
2,000.00	30.01	172.72	1,901.32	-452.23	57.74	455.83	0.00	0.00	0.00
2,100.00	30.01	172.72	1,987.92	-501.84	64.07	505.83	0.00	0.00	0.00
2,200.00	30.01	172.72	2,074.52	-551.45	70.41	555.83	0.00	0.00	0.00
2,300.00	30.01	172.72	2,161.11	-601.05	76.74	605.83	0.00	0.00	0.00
2,400.00	30.01	172.72	2,247.71	-650.66	83.08	655.83	0.00	0.00	0.00
2,500.00	30.01	172.72	2,334.31	-700.26	89.41	705.83	0.00	0.00	0.00
Tgr3 Mkr									
2,596.95	30.01	172.72	2,418.27	-748.36	95.55	754.31	0.00	0.00	0.00
2,600.00	30.01	172.72	2,420.91	-749.87	95.74	755.83	0.00	0.00	0.00
2,700.00	30.01	172.72	2,507.50	-799.47	102.08	805.83	0.00	0.00	0.00
2,800.00	30.01	172.72	2,594.10	-849.08	108.41	855.83	0.00	0.00	0.00
2,900.00	30.01	172.72	2,680.70	-898.69	114.74	905.83	0.00	0.00	0.00
Start Drop -1.50									
2,952.10	30.01	172.72	2,725.82	-924.53	118.04	931.88	0.00	0.00	0.00
3,000.00	29.29	172.72	2,767.45	-948.03	121.04	955.57	1.50	-1.50	0.00
3,100.00	27.79	172.72	2,855.29	-995.42	127.09	1,003.33	1.50	-1.50	0.00
3,200.00	26.29	172.72	2,944.36	-1,040.51	132.85	1,048.78	1.50	-1.50	0.00
3,300.00	24.79	172.72	3,034.59	-1,083.27	138.31	1,091.88	1.50	-1.50	0.00
3,400.00	23.29	172.72	3,125.92	-1,123.67	143.47	1,132.61	1.50	-1.50	0.00
3,500.00	21.79	172.72	3,218.28	-1,161.69	148.32	1,170.93	1.50	-1.50	0.00
Douglas Creek									
3,511.68	21.61	172.72	3,229.13	-1,165.98	148.87	1,175.25	1.50	-1.50	0.00
3,600.00	20.29	172.72	3,311.61	-1,197.30	152.87	1,206.82	1.50	-1.50	0.00
3,700.00	18.79	172.72	3,405.85	-1,230.47	157.11	1,240.25	1.50	-1.50	0.00



Great White Directional Services, LLC
Planning Report



Database:	EDM 5000.1 EDMDBBW	Local Co-ordinate Reference:	Well LC Tribal 5-21D-56
Company:	Berry Petroleum Company	TVD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Project:	Duchesne Co., UT (UT27C)	MD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Site:	Sec.21-T5S-R6W	North Reference:	True
Well:	LC Tribal 5-21D-56	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
3,800.00	17.29	172.72	3,500.93	-1,261.18	161.03	1,271.21	1.50	-1.50	0.00
3,900.00	15.79	172.72	3,596.79	-1,289.42	164.63	1,299.67	1.50	-1.50	0.00
4,000.00	14.29	172.72	3,693.37	-1,315.15	167.92	1,325.61	1.50	-1.50	0.00
4,100.00	12.79	172.72	3,790.59	-1,338.37	170.88	1,349.01	1.50	-1.50	0.00
Upr Black Shale									
4,187.89	11.47	172.72	3,876.51	-1,356.69	173.22	1,367.47	1.50	-1.50	0.00
4,200.00	11.29	172.72	3,888.38	-1,359.06	173.52	1,369.86	1.50	-1.50	0.00
4,300.00	9.79	172.72	3,986.69	-1,377.20	175.84	1,388.14	1.50	-1.50	0.00
4,400.00	8.29	172.72	4,085.45	-1,392.78	177.83	1,403.85	1.50	-1.50	0.00
Castle Peak									
4,482.84	7.04	172.72	4,167.55	-1,403.74	179.23	1,414.90	1.50	-1.50	0.00
4,500.00	6.79	172.72	4,184.58	-1,405.79	179.49	1,416.96	1.50	-1.50	0.00
4,600.00	5.29	172.72	4,284.03	-1,416.22	180.82	1,427.48	1.50	-1.50	0.00
4,700.00	3.79	172.72	4,383.71	-1,424.07	181.82	1,435.39	1.50	-1.50	0.00
4,800.00	2.29	172.72	4,483.57	-1,429.32	182.49	1,440.68	1.50	-1.50	0.00
Uteland Butte Ls.									
4,849.35	1.55	172.72	4,532.89	-1,430.96	182.70	1,442.33	1.50	-1.50	0.00
4,900.00	0.79	172.72	4,583.53	-1,431.98	182.83	1,443.36	1.50	-1.50	0.00
Start 1364.00 hold at 4952.47 MD									
4,952.47	0.00	0.00	4,636.00	-1,432.34	182.88	1,443.73	1.50	-1.50	0.00
5,000.00	0.00	0.00	4,683.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
Wasatch									
5,089.48	0.00	0.00	4,773.01	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
5,100.00	0.00	0.00	4,783.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
5,200.00	0.00	0.00	4,883.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
5,300.00	0.00	0.00	4,983.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
5,400.00	0.00	0.00	5,083.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
5,500.00	0.00	0.00	5,183.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
5,600.00	0.00	0.00	5,283.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
5,700.00	0.00	0.00	5,383.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
5,800.00	0.00	0.00	5,483.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
5,900.00	0.00	0.00	5,583.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
6,000.00	0.00	0.00	5,683.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
6,100.00	0.00	0.00	5,783.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
6,200.00	0.00	0.00	5,883.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
CR-6									
6,266.48	0.00	0.00	5,950.01	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
6,300.00	0.00	0.00	5,983.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
TD at 6316.47 - LCT 5-21D Drlg Tgt - LCT 5-21D Tgt									
6,316.47	0.00	0.00	6,000.00	-1,432.34	182.88	1,443.73	0.00	0.00	0.00

Great White Directional Services, LLC
Planning Report



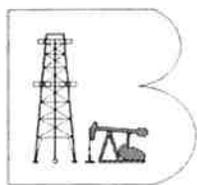
Database:	EDM 5000.1 EDMDBBW	Local Co-ordinate Reference:	Well LC Tribal 5-21D-56
Company:	Berry Petroleum Company	TVD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Project:	Duchesne Co., UT (UT27C)	MD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Site:	Sec.21-T5S-R6W	North Reference:	True
Well:	LC Tribal 5-21D-56	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

Design Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
- Shape									
LCT 5-21D Drig Tgt	0.00	0.00	6,000.00	-1,432.34	182.88	620,927.802	2,260,111.779	40° 2' 3.857 N	110° 34' 15.682 W
- plan hits target center									
- Circle (radius 100.00)									
LCT 5-21D Tgt	0.00	0.00	6,000.00	-1,602.94	174.86	620,757.128	2,260,105.530	40° 2' 2.171 N	110° 34' 15.785 W
- plan misses target center by 170.79usft at 6316.47usft MD (6000.00 TVD, -1432.34 N, 182.88 E)									
- Polygon									
Point 1			6,000.00	202.34	-192.03	620,957.46	2,259,911.41		
Point 2			6,000.00	200.11	-192.55	620,959.23	2,260,295.99		
Point 3			6,000.00	-202.08	190.98	620,557.04	2,260,298.60		
Point 4			6,000.00	-200.38	-191.50	620,554.77	2,259,916.12		
Point 5			6,000.00	202.35	-192.03	620,957.47	2,259,911.41		

Casing Points				
Measured Depth	Vertical Depth	Name	Casing Diameter	Hole Diameter
(usft)	(usft)		(")	(")
500.00	500.00	8 5/8" Csg.	8-5/8	11

Formations					
Measured Depth	Vertical Depth	Name	Lithology	Dip	Dip Direction
(usft)	(usft)			(°)	(°)
281.00	281.00	Green River		4.87	173.77
752.68	752.00	Green River Fouch Mkr		4.87	173.77
1,356.19	1,324.00	Mahogany		4.87	173.77
2,596.95	2,354.00	Tgr3 Mkr		4.87	173.77
3,511.68	3,129.00	Douglas Creek		4.87	173.77
4,187.89	3,760.00	Upr Black Shale		4.87	173.77
4,482.84	4,047.00	Castle Peak		4.87	173.77
4,849.35	4,410.00	Uteland Butte Ls.		4.87	173.77
5,089.48	4,650.00	Wasatch		4.87	173.77
6,266.48	5,827.00	CR-6		4.87	173.77

Plan Annotations				
Measured Depth	Vertical Depth	+N/-S	+E/-W	Comment
(usft)	(usft)	(usft)	(usft)	
600.00	600.00	0.00	0.00	Start Build 3.00
1,600.18	1,555.09	-253.90	32.42	Start 1351.92 hold at 1600.18 MD
2,952.10	2,725.82	-924.53	118.04	Start Drop -1.50
4,952.47	4,636.00	-1,432.34	182.88	Start 1364.00 hold at 4952.47 MD
6,316.47	6,000.00	-1,432.34	182.88	TD at 6316.47



Berry Petroleum Company

Duchesne Co., UT (UT27C)

Sec.21-T5S-R6W

LC Tribal 5-21D-56

Wellbore #1

Design #2

Anticollision Report

20 January, 2011

CONFIDENTIAL



Great White Directional Services, LLC
Anticollision Report



Company:	Berry Petroleum Company	Local Co-ordinate Reference:	Well LC Tribal 5-21D-56
Project:	Duchesne Co., UT (UT27C)	TVD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Reference Site:	Sec.21-T5S-R6W	MD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	LC Tribal 5-21D-56	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.1 EDMDBBW
Reference Design:	Design #2	Offset TVD Reference:	Offset Datum

Reference	Design #2
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria
Interpolation Method:	Stations
Depth Range:	Unlimited
Results Limited by:	Maximum center-center distance of 9,999.98 usft
Warning Levels Evaluated at:	2.00 Sigma
Error Model:	ISCWSA
Scan Method:	Closest Approach 3D
Error Surface:	Elliptical Conic
Casing Method:	Not applied

Survey Tool Program	Date	01/20/11
From (usft)	To (usft)	Survey (Wellbore)
0.00	6,316.47	Design #2 (Wellbore #1)
Tool Name	Description	
MWD	MWD - Standard	

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Sec.21-T5S-R6W						
LC Tribal 3-21D-56 - Wellbore #1 - Design #2	600.00	600.00	20.10	17.66	8.234	CC, ES
LC Tribal 3-21D-56 - Wellbore #1 - Design #2	700.00	699.11	23.00	20.15	8.074	SF

Offset Design												Sec.21-T5S-R6W - LC Tribal 3-21D-56 - Wellbore #1 - Design #2	Offset Site Error:	0.00 usft
Survey Program:												0-MWD	Offset Well Error:	0.00 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Semi Major Axis Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	0.00	0.00	63.07	9.10	17.92	20.10					
100.00	100.00	100.00	100.00	0.10	0.10	63.07	9.10	17.92	20.10	19.90	0.19	103,975		
200.00	200.00	200.00	200.00	0.32	0.32	63.07	9.10	17.92	20.10	19.46	0.64	31,265		
300.00	300.00	300.00	300.00	0.55	0.55	63.07	9.10	17.92	20.10	19.01	1.09	18,399		
400.00	400.00	400.00	400.00	0.77	0.77	63.07	9.10	17.92	20.10	18.56	1.54	13,035		
500.00	500.00	500.00	500.00	1.00	1.00	63.07	9.10	17.92	20.10	18.11	1.99	10,092		
600.00	600.00	600.00	600.00	1.22	1.22	63.07	9.10	17.92	20.10	17.66	2.44	8,234 CC, ES		
700.00	699.95	699.11	699.06	1.42	1.43	-111.59	8.54	20.43	23.00	20.15	2.85	8,074 SF		
800.00	799.63	797.68	797.33	1.61	1.64	-115.21	6.88	27.90	31.77	28.52	3.25	9,772		
900.00	898.77	895.22	894.04	1.83	1.88	-118.09	4.16	40.15	46.47	42.75	3.71	12,517		
1,000.00	997.08	991.23	988.50	2.12	2.17	-119.84	0.43	56.90	66.99	62.74	4.25	15,752		
1,100.00	1,094.31	1,085.29	1,080.08	2.49	2.53	-120.77	-4.21	77.78	93.16	88.27	4.89	19,046		
1,200.00	1,190.18	1,177.00	1,168.26	2.96	2.95	-121.17	-9.68	102.36	124.78	119.14	5.64	22,115		
1,300.00	1,284.43	1,266.04	1,252.62	3.52	3.45	-121.20	-15.86	130.14	161.62	155.10	6.51	24,821		
1,400.00	1,376.81	1,352.16	1,332.87	4.18	4.02	-120.96	-22.64	160.64	203.41	195.92	7.50	27,134		
1,500.00	1,467.06	1,435.15	1,408.78	4.94	4.65	-120.51	-29.91	193.34	249.91	241.32	8.59	29,088		
1,600.18	1,555.09	1,515.01	1,480.40	5.80	5.33	-119.87	-37.58	227.82	300.93	291.13	9.79	30,725		
1,700.00	1,641.53	1,591.94	1,547.94	6.72	6.07	-120.38	-45.57	263.77	354.80	343.69	11.11	31,944		
1,800.00	1,728.13	1,674.60	1,619.53	7.66	6.92	-120.51	-54.54	304.10	409.85	397.34	12.51	32,755		
1,900.00	1,814.72	1,758.07	1,691.82	8.60	7.79	-120.60	-63.61	344.85	464.92	450.97	13.95	33,326		
2,000.00	1,901.32	1,841.54	1,764.10	9.55	8.68	-120.68	-72.67	385.59	519.99	504.58	15.41	33,745		
2,100.00	1,987.92	1,925.01	1,836.39	10.51	9.57	-120.74	-81.73	426.34	575.06	558.17	16.88	34,059		
2,200.00	2,074.52	2,008.48	1,908.67	11.48	10.47	-120.79	-90.79	467.08	630.13	611.76	18.37	34,300		
2,300.00	2,161.11	2,091.95	1,980.95	12.44	11.36	-120.84	-99.85	507.83	685.20	665.33	19.87	34,487		
2,400.00	2,247.71	2,175.42	2,053.24	13.41	12.29	-120.87	-108.91	548.57	740.27	718.89	21.37	34,636		

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation



Great White Directional Services, LLC
Anticollision Report



Company:	Berry Petroleum Company	Local Co-ordinate Reference:	Well LC Tribal 5-21D-56
Project:	Duchesne Co., UT (UT27C)	TVD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Reference Site:	Sec.21-T5S-R6W	MD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	LC Tribal 5-21D-56	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2,00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.1 EDMDBBW
Reference Design:	Design #2	Offset TVD Reference:	Offset Datum

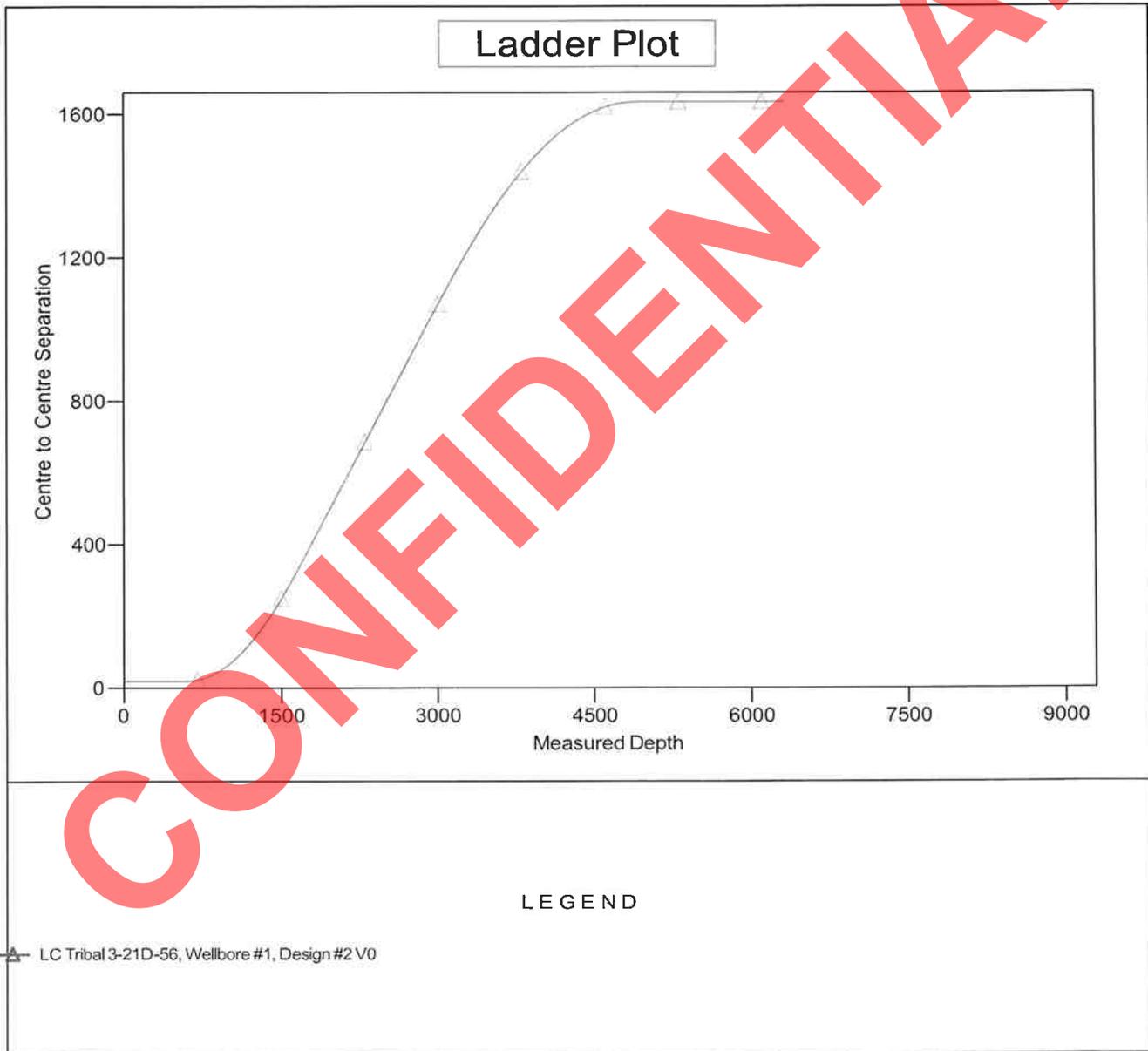
Offset Design													Offset Site Error:	0.00 usft
Survey Program: O-MWD													Offset Well Error:	0.00 usft
Reference													Warning	
Measured Depth (usft)	Vertical Depth (usft)	Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance		Minimum Separation (usft)	Separation Factor		
		Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/S (usft)	+E/W (usft)	Between Centres (usft)	Between Ellipses (usft)				
2,500.00	2,334.31	2,258.89	2,125.52	14.38	13.20	-120.90	-117.97	589.31	795.34	772.45	22.88	34.756		
2,600.00	2,420.91	2,342.36	2,197.81	15.35	14.11	-120.93	-127.04	630.06	850.41	826.01	24.40	34.854		
2,700.00	2,507.50	2,425.83	2,270.09	16.33	15.03	-120.95	-136.10	670.80	905.48	879.56	25.92	34.936		
2,800.00	2,594.10	2,509.30	2,342.37	17.30	15.94	-120.97	-145.16	711.55	960.55	933.10	27.44	35.003		
2,900.00	2,680.70	2,592.77	2,414.66	18.28	16.86	-120.99	-154.22	752.29	1,015.62	986.65	28.97	35.061		
2,952.10	2,725.82	2,636.26	2,452.32	18.78	17.34	-121.00	-158.94	773.52	1,044.31	1,014.55	29.76	35.087		
3,000.00	2,767.45	2,676.32	2,487.02	19.19	17.78	-121.40	-163.29	793.08	1,070.56	1,040.06	30.49	35.108		
3,100.00	2,855.29	2,760.50	2,559.91	19.89	18.71	-122.10	-172.43	834.16	1,124.51	1,092.59	31.92	35.230		
3,200.00	2,944.36	2,854.86	2,641.85	20.58	19.65	-122.64	-182.59	879.85	1,177.09	1,143.75	33.36	35.299		
3,300.00	3,034.59	2,958.48	2,733.04	21.26	20.57	-123.11	-193.27	927.87	1,227.37	1,192.61	34.76	35.310		
3,400.00	3,125.92	3,064.77	2,827.93	21.90	21.47	-123.54	-203.66	974.61	1,275.15	1,239.00	36.15	35.276		
3,500.00	3,218.28	3,173.68	2,926.51	22.52	22.35	-123.93	-213.71	1,019.81	1,320.33	1,282.83	37.50	35.208		
3,600.00	3,311.61	3,285.16	3,028.74	23.12	23.19	-124.29	-223.37	1,063.21	1,362.82	1,324.01	38.81	35.117		
3,700.00	3,405.85	3,399.13	3,134.54	23.68	23.99	-124.62	-232.56	1,104.56	1,402.53	1,362.47	40.06	35.008		
3,800.00	3,500.93	3,515.49	3,243.81	24.20	24.74	-124.93	-241.24	1,143.57	1,439.37	1,398.12	41.25	34.892		
3,900.00	3,596.79	3,634.11	3,356.41	24.70	25.43	-125.21	-249.33	1,179.97	1,473.25	1,430.88	42.37	34.770		
4,000.00	3,693.37	3,754.86	3,472.17	25.16	26.08	-125.47	-256.79	1,213.51	1,504.10	1,460.69	43.42	34.644		
4,100.00	3,790.59	3,877.57	3,590.85	25.58	26.66	-125.71	-263.55	1,243.91	1,531.84	1,487.46	44.39	34.517		
4,200.00	3,888.38	4,002.06	3,712.21	25.96	27.19	-125.94	-269.56	1,270.84	1,556.39	1,511.14	45.26	34.390		
4,300.00	3,986.69	4,128.12	3,835.96	26.31	27.64	-126.15	-274.77	1,294.36	1,577.70	1,531.67	46.04	34.270		
4,400.00	4,085.45	4,255.53	3,961.78	26.61	28.03	-126.34	-279.13	1,313.97	1,595.72	1,548.99	46.72	34.151		
4,500.00	4,184.58	4,384.07	4,089.31	26.88	28.35	-126.53	-282.61	1,329.59	1,610.38	1,563.07	47.32	34.033		
4,600.00	4,284.03	4,513.46	4,218.16	27.11	28.61	-126.70	-285.16	1,341.07	1,621.67	1,573.86	47.81	33.916		
4,700.00	4,383.71	4,643.47	4,347.95	27.30	28.80	-126.87	-286.77	1,348.31	1,629.55	1,581.34	48.21	33.802		
4,800.00	4,483.57	4,773.81	4,478.25	27.45	28.93	-127.03	-287.42	1,351.24	1,633.99	1,585.48	48.51	33.685		
4,900.00	4,583.53	4,879.09	4,583.53	27.56	29.01	-127.13	-287.44	1,351.31	1,635.64	1,586.92	48.72	33.574		
4,952.47	4,636.00	4,931.56	4,636.00	27.60	29.04	45.58	-287.44	1,351.31	1,635.86	1,587.05	48.81	33.518		
5,000.00	4,683.53	4,979.09	4,683.53	27.64	29.08	45.58	-287.44	1,351.31	1,635.86	1,586.97	48.88	33.464		
5,100.00	4,783.53	5,079.09	4,783.53	27.71	29.15	45.58	-287.44	1,351.31	1,635.86	1,586.80	49.05	33.350		
5,200.00	4,883.53	5,179.09	4,883.53	27.78	29.23	45.58	-287.44	1,351.31	1,635.86	1,586.63	49.22	33.234		
5,300.00	4,983.53	5,279.09	4,983.53	27.86	29.30	45.58	-287.44	1,351.31	1,635.86	1,586.46	49.40	33.116		
5,400.00	5,083.53	5,379.09	5,083.53	27.94	29.38	45.58	-287.44	1,351.31	1,635.86	1,586.28	49.58	32.997		
5,500.00	5,183.53	5,479.09	5,183.53	28.02	29.46	45.58	-287.44	1,351.31	1,635.86	1,586.10	49.76	32.877		
5,600.00	5,283.53	5,579.09	5,283.53	28.10	29.54	45.58	-287.44	1,351.31	1,635.86	1,585.91	49.94	32.755		
5,700.00	5,383.53	5,679.09	5,383.53	28.18	29.62	45.58	-287.44	1,351.31	1,635.86	1,585.73	50.13	32.632		
5,800.00	5,483.53	5,779.09	5,483.53	28.27	29.71	45.58	-287.44	1,351.31	1,635.86	1,585.54	50.32	32.508		
5,900.00	5,583.53	5,879.09	5,583.53	28.35	29.79	45.58	-287.44	1,351.31	1,635.86	1,585.34	50.52	32.383		
6,000.00	5,683.53	5,979.09	5,683.53	28.44	29.88	45.58	-287.44	1,351.31	1,635.86	1,585.14	50.71	32.256		
6,100.00	5,783.53	6,079.09	5,783.53	28.53	29.97	45.58	-287.44	1,351.31	1,635.86	1,584.94	50.92	32.129		
6,200.00	5,883.53	6,179.09	5,883.53	28.62	30.06	45.58	-287.44	1,351.31	1,635.86	1,584.74	51.12	32.000		
6,300.00	5,983.53	6,279.09	5,983.53	28.71	30.15	45.58	-287.44	1,351.31	1,635.86	1,584.53	51.33	31.871		
6,316.47	6,000.00	6,295.56	6,000.00	28.72	30.17	45.58	-287.44	1,351.31	1,635.86	1,584.49	51.36	31.850		

Great White Directional Services, LLC
Anticollision Report



Company:	Berry Petroleum Company	Local Co-ordinate Reference:	Well LC Tribal 5-21D-56
Project:	Duchesne Co., UT (UT27C)	TVD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Reference Site:	Sec.21-T5S-R6W	MD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	LC Tribal 5-21D-56	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.1 EDMDBBW
Reference Design:	Design #2	Offset TVD Reference:	Offset Datum

Reference Depths are relative to WELL @ 6676.00usft (Berry Rig 5) Coordinates are relative to: LC Tribal 5-21D-56
 Offset Depths are relative to Offset Datum Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302
 Central Meridian is 111° 30' 0.000 W Grid Convergence at Surface is: 0.59°



Great White Directional Services, LLC
Anticollision Report



Company:	Berry Petroleum Company	Local Co-ordinate Reference:	Well LC Tribal 5-21D-56
Project:	Duchesne Co., UT (UT27C)	TVD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Reference Site:	Sec.21-T5S-R6W	MD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	LC Tribal 5-21D-56	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.1 EDMDBBW
Reference Design:	Design #2	Offset TVD Reference:	Offset Datum

Reference Depths are relative to WELL @ 6676.00usft (Berry Rig 5)
Offset Depths are relative to Offset Datum
Central Meridian is 111° 30' 0.000 W

Coordinates are relative to: LC Tribal 5-21D-56
Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302
Grid Convergence at Surface is: 0.59°

Separation Factor Plot



LEGEND

▲ LC Tribal 3-21D-56, Wellbore #1, Design #2 V0

SURFACE DAMAGE AND RIGHT-OF-WAY SETTLEMENT AGREEMENT

KNOW ALL MEN BY THESE PRESENTS, THAT:

WHEREAS, Larry Fogel whose address is 280 Addison Circle, Fowlerville, MI 48836-7705 (hereinafter referred to as GRANTOR, whether one or more), is the owner of the surface of the following described property located in Duchesne County, Utah, to-wit:

TOWNSHIP 5 SOUTH, RANGE 6 WEST, USM
Section 21: SW/4 NW/4

See Exhibit "A" Attached hereto

and Berry Petroleum Company, whose address is 1999 Broadway, Suite 3700, Denver Colorado, 80202 (hereinafter referred to as GRANTEE), owns leases covering oil, gas and mineral rights in, under and upon said property; and

WHEREAS, Grantee desires to construct and maintain a well site, an access road and a pipeline or pipelines and appurtenances thereto on a portion of said property.

NOW THEREFORE, for in consideration of the sum of ten dollars (\$10.00) and other good and valuable considerations, the receipt and sufficiency of which is hereby acknowledged, Grantor does hereby grant, sell and convey unto Grantee, its successors and assigns, the easement and right to use that portion of the herein above described property as may be necessary to construct, use, maintain a well site for the drilling, completion and operation of an oil & gas well (including but not limited to pumping facilities and tank battery) and to construct, trench, maintain, operate, replace, remove, protect, or abandon a pipeline or pipelines for water or gas with appurtenances thereto, including, but not limited to, valves, metering equipment, and cathodic equipment; to construct, maintain, relocate, or abandon a road (said well site, pipelines, appurtenance, valves, metering equipment, cathodic equipment and road being sometimes collectively call the "facilities") over, under, and through the hereinafter described land as described in the attached Exhibit "A".

Grantor acknowledges the receipt and sufficiency of the above described consideration as payment for all damages to Grantor's trees, timber, growing crops, and other vegetation being cultivated on said land by the undersigned or their respective lessees, tenants or assigns caused by the construction, maintenance, protection, repair, replacement or removal of the facilities as described in the attached exhibits and agrees that the payment and acceptance of the consideration set forth above is in full and complete payment, settlement, compromise and satisfaction of any and all of the above-mentioned losses, liabilities, claims, damages, demands and causes of action for any and all injuries and damage to the surface of the land hereinbelow described and to any appurtenances or improvements thereon, and for any and all claims including but not limited to loss of potential rental income, damages to and/or loss of livestock and wildlife, arising directly or indirectly in connection with the operations thereon by Grantee, its employees, agents, contractors, or subcontractors in connection with the above-mentioned operations of Grantee.

Grantee shall have the free right of ingress and egress to, over, upon, through and across said right-of-way and easement for any and all purposes that may be necessary or incidental to the maintenance of the right-of-way and easement, with the right to use existing roads which enter Grantor's property for the purpose of constructing, inspecting, repairing and maintaining the facilities and the removal or replacement of same at will, either in whole or in part, and the replacement of said pipeline or pipelines with either like or different size pipe. During temporary periods, Grantee may use such portions of the property along and adjacent to said right-of-way as may be necessary in connection with construction, maintenance, repair, removal or replacement of the facilities and if such use cause any damages to Grantor's lands outside of the above described right-of-way, Grantee shall pay Grantor for such damages.

Grantor reserves the right to the use and enjoyment of said property except for the purposes herein granted, but such use shall not hinder conflict or interfere with Grantee's surface or subsurface rights hereunder or disturb its facilities. No road, reservoir, excavation, obstruction or structure shall be constructed, created or maintained on, over, along or within the lands covered by this right-of-way without Grantee's prior written consent.

If Grantee desires to remove any trees adjacent to said right-of-way at a later date which may be hazardous to the maintenance and use of the facilities on the right-of-way, Grantee shall first obtain approval from Grantor in writing, Grantor's approval not to be unreasonably withheld, and after receipt of such approval, may proceed to cut and remove such trees subject to payment of additional timber damages, if any are determined.

The undersigned Grantor hereby covenants and warrants that he is the surface owner of the above-described land, and has the right to enter into this Agreement.

FOR THE SAME CONSIDERATION RECITED ABOVE, Grantor and Grantee do hereby release, discharge and acquit the other from any and all liability, and shall indemnify the other against any and all claims and demands for damages, attorneys fees, injury or loss, existing now or done hereafter, to the surface of said lands or to any third parties arising out of or being the result of their or, their agents, contractors, licensees, permittees, successors and assigns own activities on or use of the subject property. However, such parties' potential liability under this paragraph to the other shall be limited to the acts and/or omission of it, or its predecessors, agents, contractors, licensees, permittees, successors, and assigns, and shall not include any acts and/or omissions of the other party, its agents, contractors, licensees, permittees, successors or assigns. Grantee shall reasonably maintain the subject property in order to prevent unnecessary deterioration of the surface and to keep the property in an uncluttered condition.

TO HAVE AND TO HOLD the above described rights and easements, together with all rights necessary to operate and maintain the facilities over the right-of-way hereby granted unto the said Grantee, its successors and assigns, until such time as the right-of-way and easement is abandoned under the terms stipulated herein. The Grantee may assign the rights and easements herein granted, either in whole or in part, subject to the terms of this grant, and such rights and easements shall be covenants running with the land and are binding upon Grantor, Grantor's heirs, legal representatives and successors in title. Upon abandonment, at the request of the Grantor, Grantee shall execute and deliver to Grantor a document in recordable form evidencing said abandonment. Also, upon abandonment, at the request of the Grantor, Grantee shall restore the surface used under the terms of this Agreement to as near its original condition as is possible.

The making, execution and delivery of this document by Grantor has been induced by no representations, statements, warranties, or other agreements other than those herein expressed. This agreement embodies the entire understanding of the parties, and this instrument may be amended or modified only by subsequent written agreement of the parties.

Grantee shall maintain all roads used pursuant to this Agreement and shall install culverts where necessary to insure adequate drainage from all roads. Grantee shall also install cattle guards where the roads go thru fences, if any.

This agreement shall inure to the benefit of the parties hereto, their heirs, successors, and assigns and shall be a burden running with the land.

IN WITNESS WHEREOF, the parties have executed this Surface Damage and Right-of-Way Settlement Agreement effective as of the 2 day of May, 2011.

GRANTOR

By: Larry Fogel
Larry Fogel

STATE OF MI §

§
COUNTY OF Livingston §

BEFORE ME, the undersigned, a Notary Public, in and for said County and State on this 2 day of May, 2011, Larry Fogel personally appeared to me known to be the identical person(s) described in and who executed the within and foregoing instrument of writing and acknowledged to me that he duly executed the same as his free and voluntary act and deed for the purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

Ronda T. Baibak
Notary Public

My Commission Expires: _____
RONDA T. BAIBAK
Notary Public Livingston County, MI
My Commission Expires 11-11-2015
Acting in Livingston County

CONFIDENTIAL

Section 21
(Set Marked Stone)

5255.55' (Measured)
S8915'29"E (Basis of Bearings)

Section Line

BERRY PETROLEUM COMPANY

PROPOSED CORRIDOR RIGHT-OF-WAY & DISTURBANCE BOUNDARY

For the LC Tract 3-21D-56 & 5-21D-56 Well Pad

Located in the NW 1/4 of Section 21, T5S, R6W, U.S.B.&M. Duchesne County, Utah

END OF PROPOSED CORRIDOR RIGHT-OF-WAY STA. 1+88.28
(At Existing Pipeline)

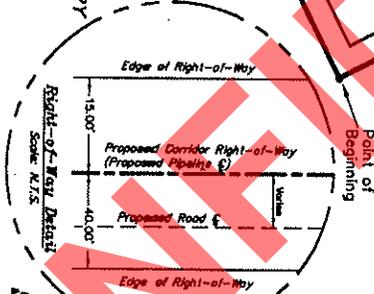
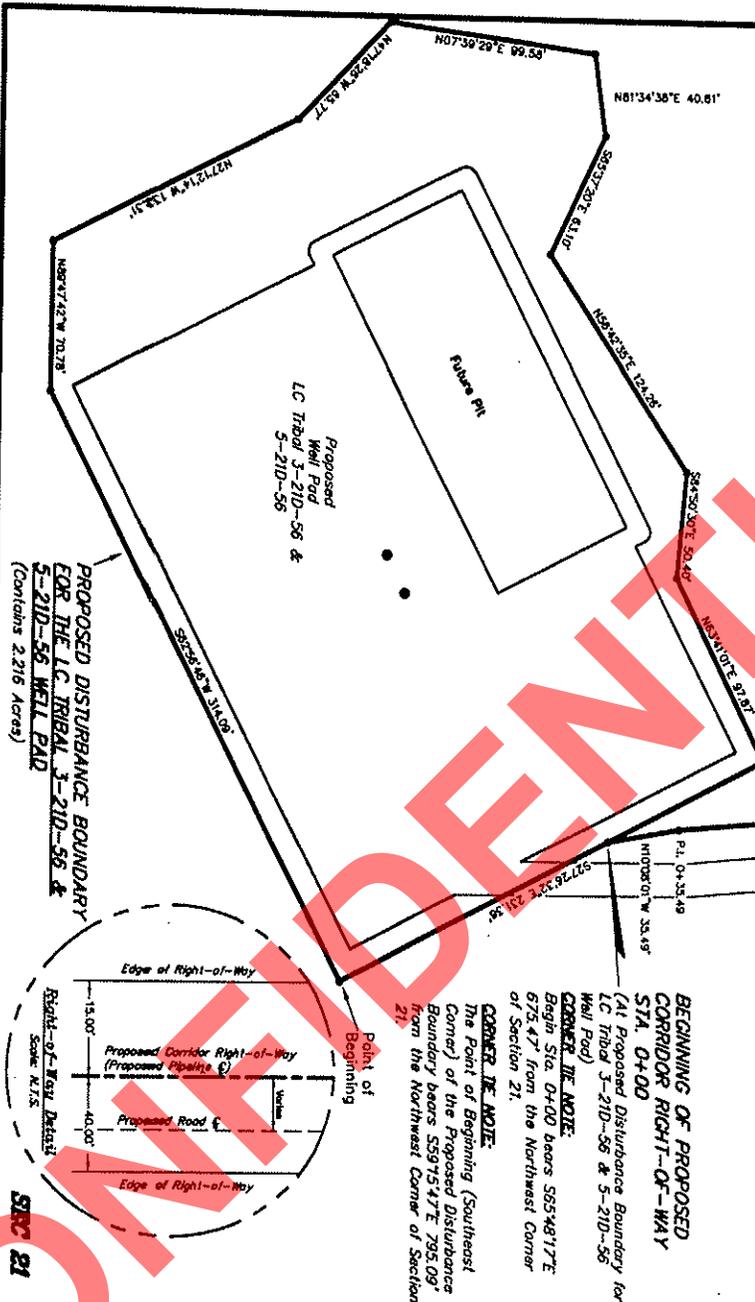
CORNER IN NOTE:
End Sta. 1+88.28 bears S81°27'09"E 603.40' from the Northwest Corner of Section 21.

Northwest Corner
Section 21
(Set Marked Stone)

RIGHT-OF-WAY LENGTH - Fogel	
Section 21 Total	= 188.28'

PROPOSED DISTURBANCE BOUNDARY DESCRIPTION
BEGINNING AT A POINT IN THE NW 1/4 NW 1/4 OF SECTION 21, T5S, R6W, U.S.B.&M. WHICH BEARS S89°15'47"E 795.09' FROM THE NORTHWEST CORNER OF SAID SECTION, THENCE S62°56'46"W 314.09'; THENCE N89°47'42"W 70.76'; THENCE N27°12'14"W 132.31'; THENCE N47°18'26"W 65.27'; THENCE N07°39'29"E 99.58'; THENCE N81°34'38"E 40.61'; THENCE S65°37'20"E 63.10'; THENCE N56°42'35"E 124.28'; THENCE S84°50'30"E 50.40'; THENCE N63°41'01"E 97.87'; THENCE S27°26'32"E 231.36' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS THE NORTH LINE OF SECTION 21 WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR S89°35'25"E A MEASURED DISTANCE OF 5255.55'. CONTAINS 2.216 ACRES MORE OR LESS.

Centerline of Proposed Corridor Right-of-Way



BEGINNING OF PROPOSED CORRIDOR RIGHT-OF-WAY STA. 0+00
(At Proposed Disturbance Boundary for LC Tract 3-21D-56 & 5-21D-56 Well Pad)

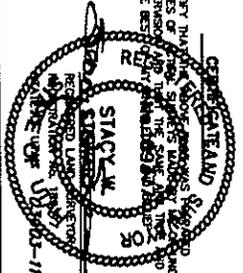
CORNER IN NOTE:
Begin Sta. 0+00 bears S55°48'17"E 675.47' from the Northwest Corner of Section 21.

CORNER IN NOTE:
The Point of Beginning (Southeast Corner) of the Proposed Disturbance Boundary bears S59°15'47"E 795.09' from the Northwest Corner of Section 21.

PROPOSED CORRIDOR RIGHT-OF-WAY DESCRIPTION

A 55' WIDE CORRIDOR RIGHT-OF-WAY LOCATED IN SECTION 21, T5S, R6W, U.S.B.&M. THE WIDTH OF SAID RIGHT-OF-WAY BEING 40' ON THE RIGHT SIDE AND 15' ON THE LEFT SIDE OF THE CENTERLINE. THE CENTERLINE OF SAID RIGHT-OF-WAY BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
BEGINNING AT A POINT IN THE NW 1/4 NW 1/4 OF SECTION 21, T5S, R6W, U.S.B.&M. WHICH BEARS S85°48'17"E 675.47' FROM THE NORTHWEST CORNER OF SAID SECTION, THENCE N10°08'01"W 35.49'; THENCE N04°37'15"W 152.79' TO A POINT IN THE SAID NW 1/4 NW 1/4 OF SECTION 21 WHICH BEARS S81°27'09"E 603.40' FROM THE SAID NORTHWEST CORNER OF SECTION 21. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANATOR'S PROPERTY LINES. BASIS OF BEARINGS IS THE NORTH LINE OF SECTION 21 WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR S89°35'25"E A MEASURED DISTANCE OF 5255.55'. CONTAINS 0.238 ACRES MORE OR LESS.

THIS IS TO CERTIFY THAT THE ABOVE DESCRIBED DISTURBANCE BOUNDARY AND CORRIDOR RIGHT-OF-WAY BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



SURVEYED BY: SM
DRAWN BY: LCS
DATE: 03-03-11
SCALE: 1" = 60'
FILE: 11-0019

Tri State Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. - VERNAL, UTAH 840

RECEIVED



Berry Petroleum Company

Brundage Canyon Field

4000 South 4028 West

Rt. 2 Box 7755

Roosevelt, UT 84066

Ph: (435) 722-1325

Fax: (435) 722-1321

www.bry.com

January 24, 2011

State of Utah
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, UT 84115-5801

Re: Directional Drilling R649-3-11
LC Tribal 5-21D-56 382 FNL, 479' FWL (NWNW) (surface)
1,813' FNL, 660' FWL (SWNW) (bottomhole)
Section 21, T5S-R6W
Duchesne, County, Utah

Pursuant to the filing of Berry Petroleum's Application for Permit to Drill regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to the Exception to Location and Siting of Wells.

- The LC Tribal 5-21D-56 well is to be located within the Lake Canyon Field Area.
- Berry is locating the well at the surface location and directionally drilling from this location to minimize surface disturbance and Berry will be able to utilize the existing road and pipelines in the area.
- Furthermore, Berry hereby certifies that it is the sole working interest owner with 460 feet of the entire directional well bore and the remainder of the Ute Tribal section.

Therefore, based on the above stated information Berry Petroleum Company requests the permit be granted pursuant to R649-3-11.

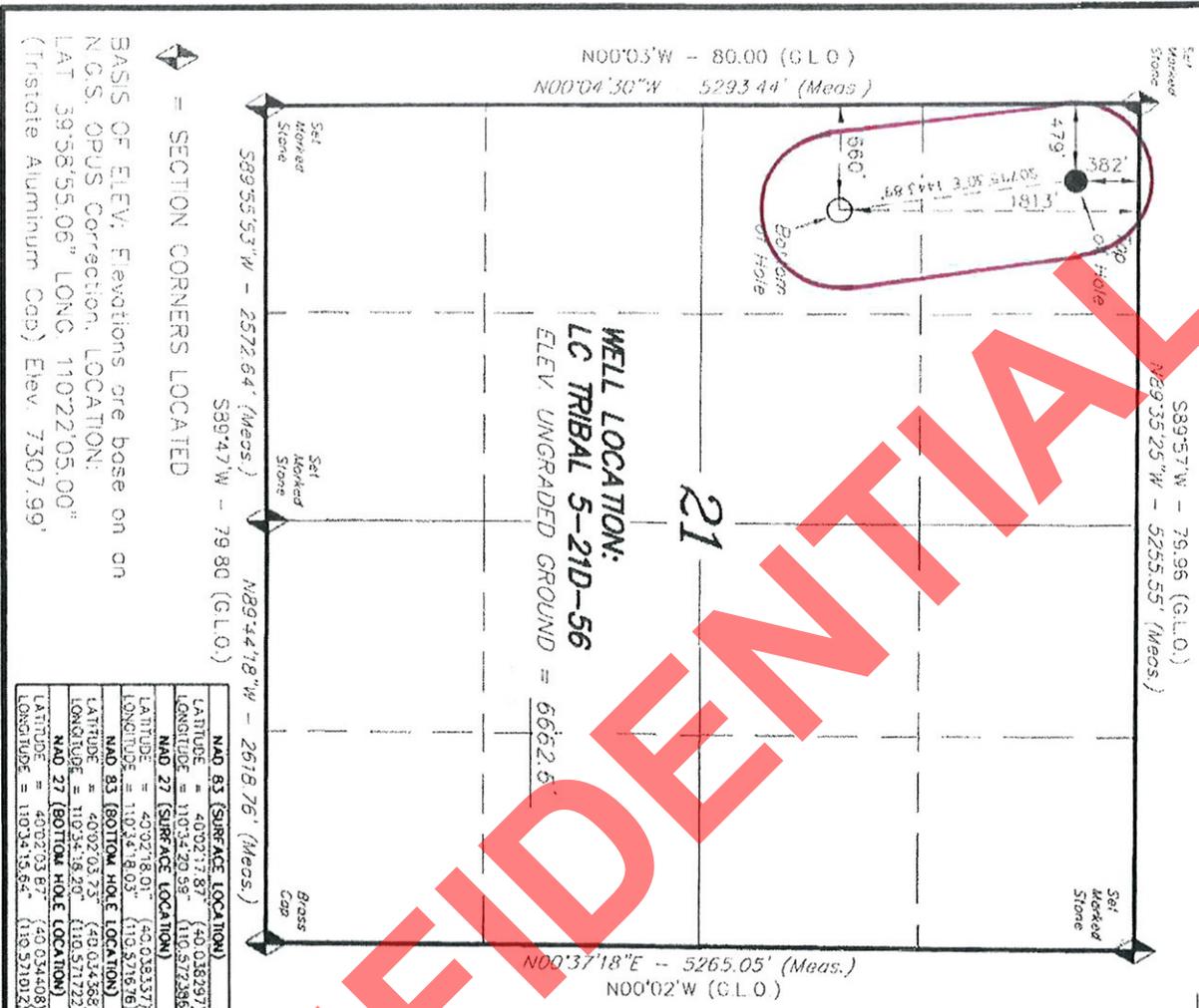
Respectfully Submitted,


Kathy Fieldsted
Sr. Regulatory & Permitting Technician

T5S, R6W, U.S.B.&M.

BERRY PETROLEUM COMPANY

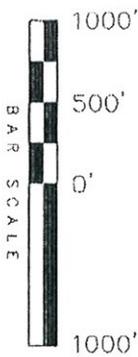
WELL LOCATION, LC TRIBAL 5-21D-56,
 LOCATED AS SHOWN IN THE NW 1/4 NW
 1/4 OF SECTION 21, T5S, R6W,
 U.S.B.&M. DUCHESNE COUNTY, UTAH.



WELL LOCATION:
LC TRIBAL 5-21D-56
 ELEV UNGRADED GROUND = 6662.6'

SECTION CORNERS LOCATED
 BASIS OF ELEV: Elevations are based on on
 N.C.S. OPUS Correction. LOCATION:
 LAT 39°58'55.06" LONG 110°22'05.00"
 (Tristate Aluminum Cap) Elev. 7307.99'

NAO 83 (SURFACE LOCATION)	LATITUDE = 40°02'17.87" (40.038297)
	LONGITUDE = 110°34'29.58" (110.572886)
NAO 27 (SURFACE LOCATION)	LATITUDE = 40°02'18.01" (40.038337)
	LONGITUDE = 110°34'18.03" (110.571616)
NAO 83 (BOTTOM HOLE LOCATION)	LATITUDE = 40°02'03.73" (40.034288)
	LONGITUDE = 110°34'18.20" (110.571722)
NAO 27 (BOTTOM HOLE LOCATION)	LATITUDE = 40°02'03.87" (40.034408)
	LONGITUDE = 110°34'19.64" (110.571912)



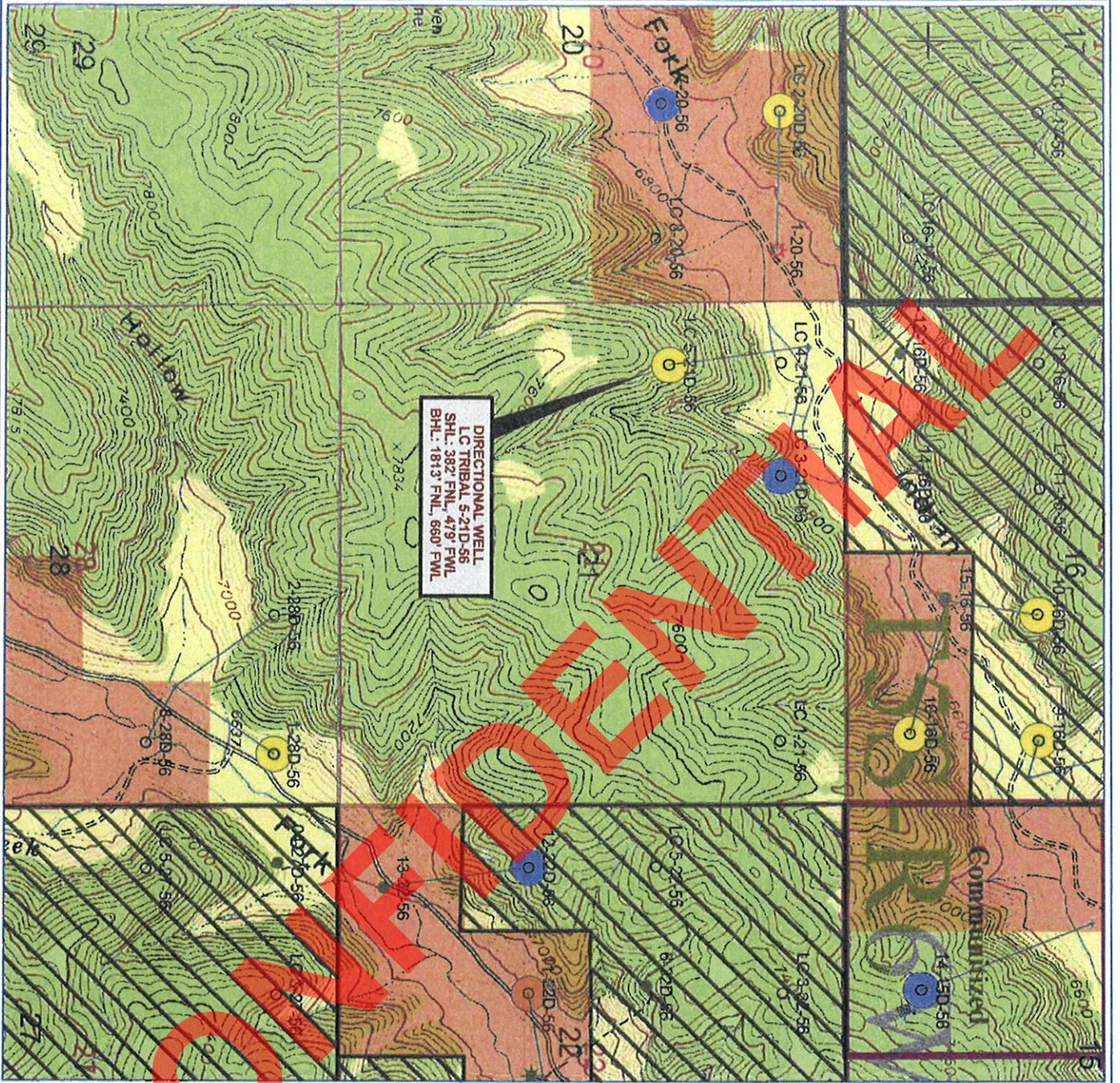
- NOTES:**
1. Well footages are measured at right angles to the Section Lines.
 2. Bearings are based on Global Positioning Satellite observations.



THIS IS TO CERTIFY THAT THE ABOVE FOOT WAS
 PREPARED FROM FIELD MEASUREMENTS AND SURVEYS
 MADE BY ME OR UNDER MY SUPERVISION AND THAT
 THE SAME ARE TRUE AND CORRECT TO THE BEST
 OF MY KNOWLEDGE AND BELIEF.
 STACY W. STEWART
 REGISTERED LAND SURVEYOR
 STATE OF UTAH
 LICENSE NO. 189377



TRI STATE LAND SURVEYING & CONSULTING	
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
DATE SURVEYED: 8-10-10	SURVEYED BY: S.H.
DATE DRAWN: 12-07-10	DRAWN BY: M.W.
REVISED: L.C.S. 01-25-11	SCALE: 1" = 1000'



DIRECTIONAL WELL
 LC TRIBAL 5-21D-56
 SHL: 382 FNL, 479 FNL
 BHL: 1813 FNL, 660 FNL



BERRY PETROLEUM COMPANY

Lake Canyon Project

LC Tribal 5-21D-56

Directional Drilling Location Plat

Sec. 21 TSS R6W - Duchesne Co, UT



ATTRIBUTE MAP

- Approved
- WO Arch
- WO BIA
- WO Onsite
- WO Plats
- WO State
- WO Sur Agmt
- WO Survey
- Working on APD

WELL SYMBOLS

- Gas Well
- Location Only
- Oil & Gas Well
- Oil Well

January 24, 2011



Berry Petroleum Company

Brundage Canyon Field

4000 South 4028 West
Rt. 2 Box 7755
Roosevelt, UT 84066

Ph: (435) 722-1325

Fax: (435) 722-1321

www.bry.com

January 24, 2011

State of Utah
Division of Oil, Gas, and Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

Re: Oil and Gas Conservation General Rules
R649-3-3 Exception to Location and Siting of Wells.
LC TRIBAL 5-21D-56

Gentlemen:

Berry Petroleum Company is proposing to drill a development well in the Lake Canyon Field, Duchesne County, Utah. The well is located on lands within the Uintah and Ouray Ute Indian Reservation. A copy of the Federal Application for Permit to Drill (APD) is attached for your review. This APD has been submitted to the Bureau of Land Management (BLM) in Vernal and the Bureau of Indian Affairs (BIA) at Ft. Duchesne.

As shown on the attached staking plat, the LC Tribal 5-21D-56 well is a directional well in which only the upper part of the objective section (uppermost Douglas Creek) falls outside of the allowed standard well spacing (R649-3-2). Berry is requesting an exception to the spacing requirement per regulation R649-3-3 since Berry was unable to locate the proposed well within the allowed spacing "window" due to topographic constraints. To maintain orderly 40 acre spacing and efficient well drainage the well had to be drilled as a directional well from the proposed LC Tribal 5-21D-56 surface location. The rather long reach required of the well forced only the uppermost part of the Douglas Creek objective section to be placed outside of the spacing "window".

In accordance with R649-3-3, Berry is providing a copy of the staking plat showing the proposed location in relation to the allowed spacing "window" and all tracts contacted by a circle with a radius of 460'. A second plat is also attached showing the actual or recently proposed location for all direct or diagonal offsetting wells. As to the 460' radius circle, Berry is also the operator of the adjacent SW1/4 of Section 21.

Berry is requesting approval of this excepted location as proposed. If additional information is required, please contact Dan Anderson at (303) 999-4400.

Sincerely,

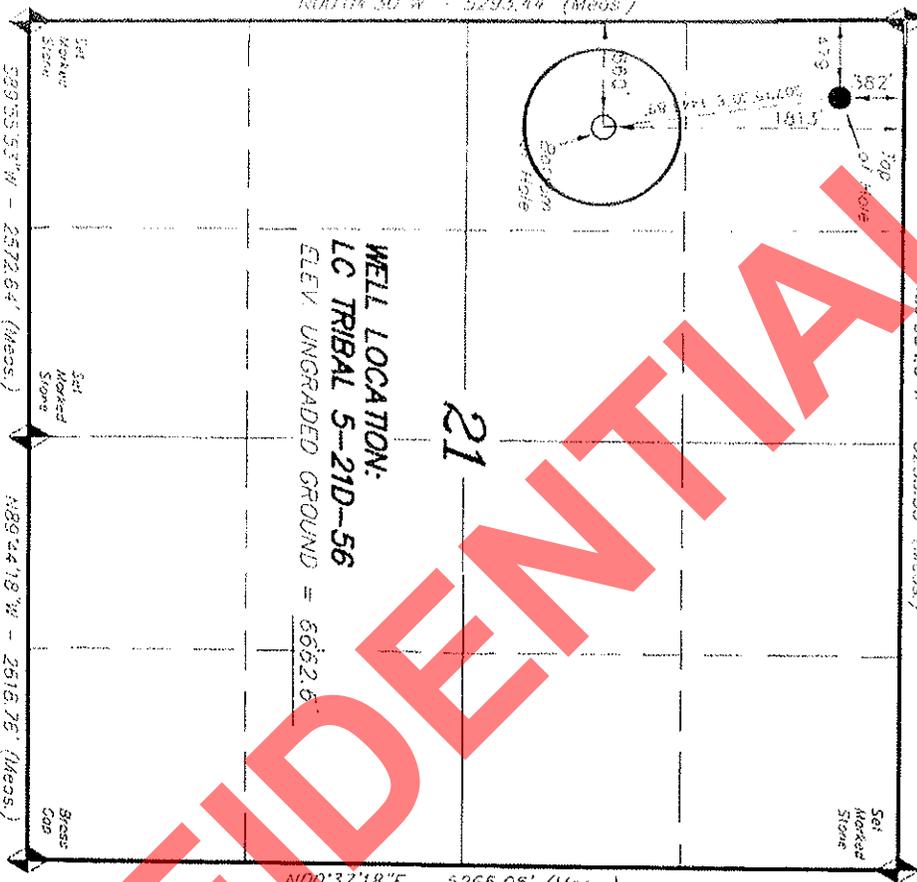
Kathy Fieldsted
Sr. Regulatory & Permitting Technician

T5S, R6W, U.S.B.&M.

BERRY PETROLEUM COMPANY

WELL LOCATION, LC TRIBAL 5-21D-56,
LOCATED AS SHOWN IN THE NW 1/4 NW
1/4 OF SECTION 21, T5S, R6W,
U.S.B.&M. DUCHESNE COUNTY, UTAH.

N00°33'W - 80.00 (G.L.O.)
N00°04'30"W - 5293.44' (Meas.)



WELL LOCATION:
LC TRIBAL 5-21D-56
ELEV UNGRADED GROUND = 6662.6'

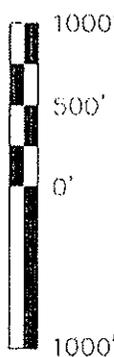
21

N00°37'18"E - 5265.05' (Meas.)
N00°02'W (G.L.O.)

SECTION CORNERS LOCATED

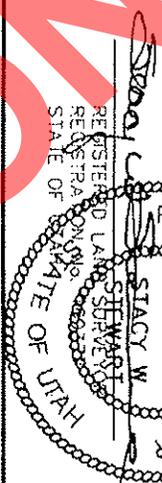
BASIS OF ELEV. Elevations are based on
N.C.S. OPUS Correction LOCATION:
LAT. 39°56'55.06" LONG. 110°22'05.00"
(Frisbie Aluminum Cap) Elev. 7307.99'

NAD 83 (SURFACE LOCATION)	LATITUDE = 40°02'17.87" (40.036297)
	LONGITUDE = 110°34'20.58" (110.572356)
NAD 27 (SURFACE LOCATION)	LATITUDE = 40°02'18.03" (40.03537)
	LONGITUDE = 110°34'18.03" (110.571875)
NAD 83 (BOTTOM HOLE LOCATION)	LATITUDE = 40°02'03.73" (40.034566)
	LONGITUDE = 110°34'18.20" (110.571723)
NAD 27 (BOTTOM HOLE LOCATION)	LATITUDE = 40°02'03.97" (40.034408)
	LONGITUDE = 110°34'18.67" (110.571012)

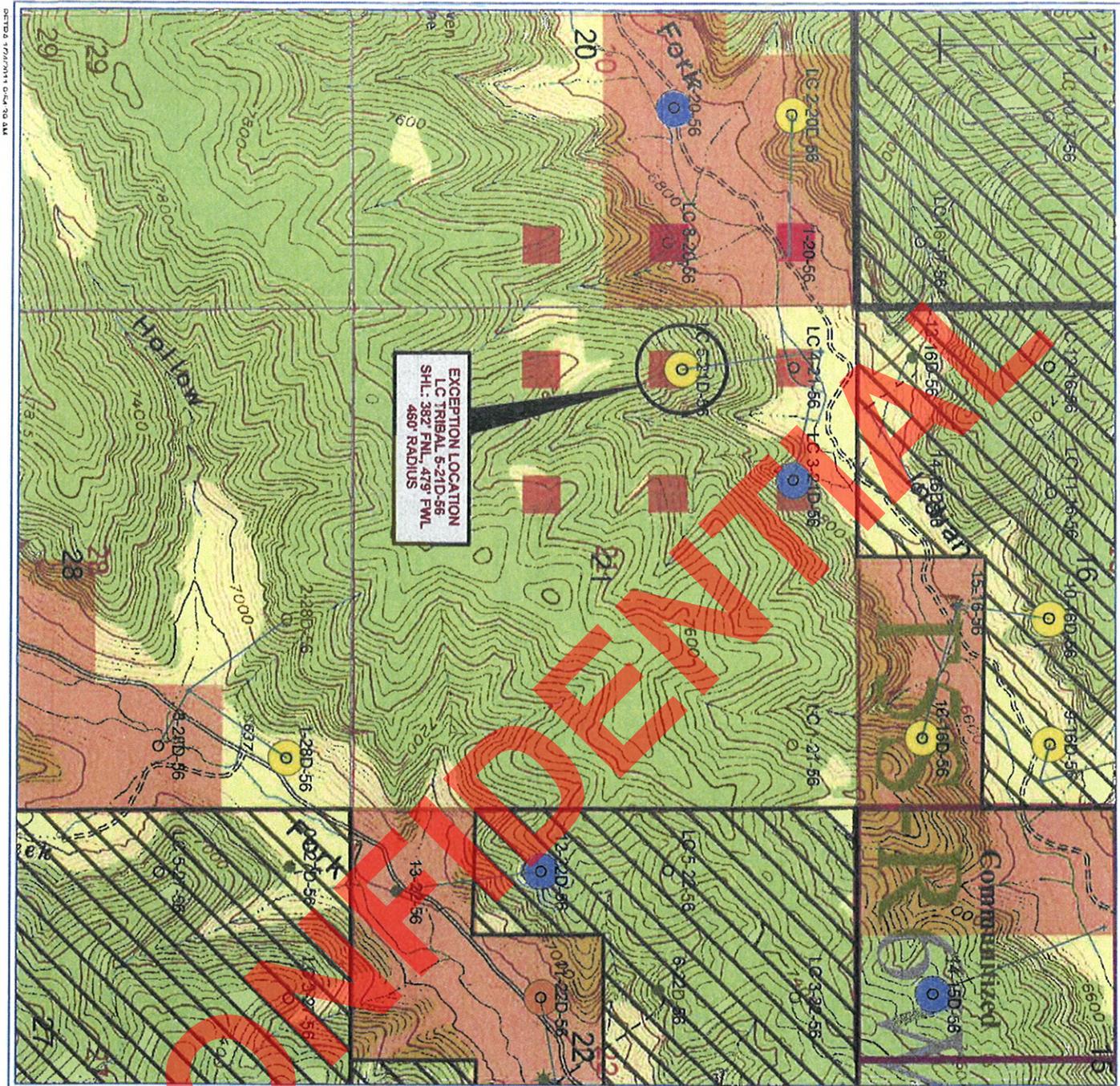


- NOTES:**
1. Well footages are measured at right angles to the Section Lines.
 2. Bearings are based on Global Positioning Satellite observations

THIS IS TO CERTIFY THAT THE ABOVE TEXT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



TRI STATE LAND SURVEYING & CONSULTING	
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078	
(435) 781-2501	
DATE SURVEYED: 5-10-10	SURVEYED BY: SH
DATE DRAWN: 12-07-10	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'



EXCEPTION LOCATION
 LC TRIBAL 5-21D-56
 SHL: 382 FNL, 479 FNL
 450' RADIUS

BERRY PETROLEUM COMPANY

Lake Canyon Project

LC Tribal 5-21D-56

Exception Drilling Location Plat

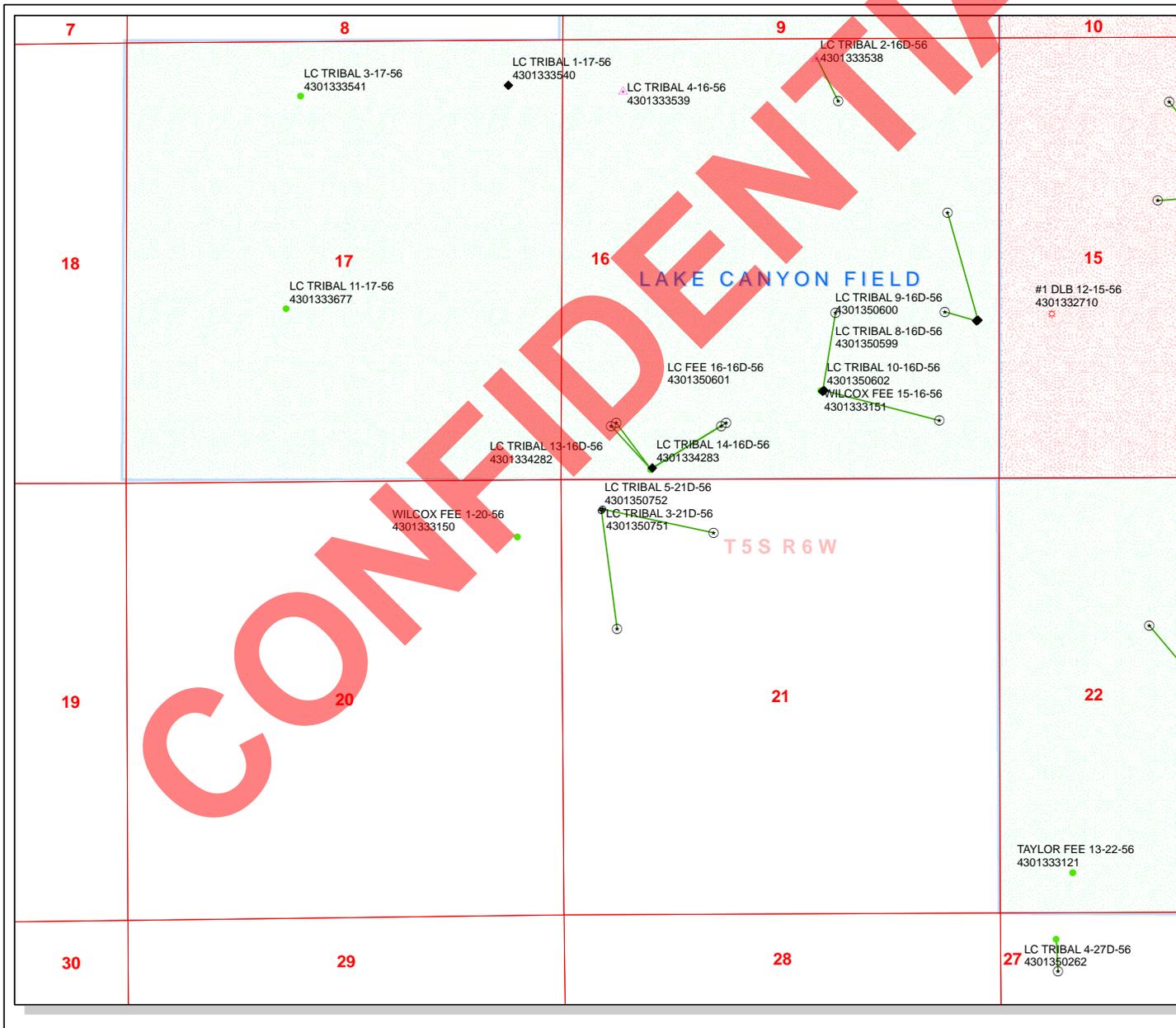
Sec. 21 TSS R6W - Duchesne Co, UT



- ATTRIBUTE MAP**
- Approved
 - WO Acre
 - WO BIA
 - WO Onsite
 - WO Plats
 - WO State
 - WO Sur Agmt
 - WO Survey
 - Working on APD

- WELL SYMBOLS**
- Gas Well
 - Location Only
 - Oil & Gas Well
 - Oil Well

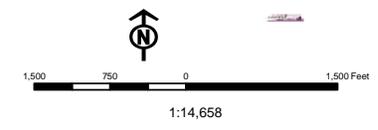
January 24, 2011



API Number: 4301350752
Well Name: LC TRIBAL 5-21D-56
Township T0.5 . Range R0.6 . Section 21
Meridian: UBM
Operator: BERRY PETROLEUM COMPANY

Map Prepared:
 Map Produced by Diana Mason

- | | |
|---------------|------------------------------------|
| Units | Wells Query |
| STATUS | Status |
| ACTIVE | APD - Approved Permit |
| EXPLORATORY | DRL - Spudded (Drilling Commenced) |
| GAS STORAGE | GIW - Gas Injection |
| NF PP OIL | GS - Gas Storage |
| NF SECONDARY | LA - Location Abandoned |
| PI OIL | LOC - New Location |
| PP GAS | OPS - Operation Suspended |
| PP GEOTHERMAL | PA - Plugged Abandoned |
| PP OIL | PGW - Producing Gas Well |
| SECONDARY | POW - Producing Oil Well |
| TERMINATED | RET - Returned APD |
| STATUS | SGW - Shut-in Gas Well |
| Unknown | SOW - Shut-in Oil Well |
| ABANDONED | TA - Temp. Abandoned |
| ACTIVE | TW - Test Well |
| COMBINED | WDW - Water Disposal |
| INACTIVE | WIW - Water Injection Well |
| STORAGE | WSW - Water Supply Well |
| TERMINATED | |
| Sections | |
| Township | |



Flora / Fauna

Flora:

Noxious Weeds: Hoary Cress, Hounds tongue and musk thistle.

Grass: Thick spike wheat grass, crested wheat grass, Siberian wheat grass, tall wheat grass and cheat grass.

Forbs: Forage kochia, poverty weed, annual kochia, lambs quarter.

Shrubs: Basin big sage, green stem rubber rabbit brush.

Trees: none

Succulents: none

Fauna: Potential large mammals include Rocky mountain elk, mule deer, black bear, mountain lion, bobcat, coyote, gray fox, raccoon, stripped skunk, spotted skunk and ring tailed cat. Sage brush obligate bird species possible including sage thrasher, sage sparrow. Other birds likely include chipping sparrow, meadow lark, lark sparrow, American kestrel, red tailed hawk, golden eagle, raven, king bird and American Robin. Host of small mammals and reptiles possible.

Soil Type and Characteristics

Soil survey not available. Mixture of gray clays and shale fragments.

Erosion Issues Y

Soils prone to wind erosion when disturbed.

Sedimentation Issues N

Soils disturbed in construction activities unlikely to enter the Right Fork of Indian Canyon due to adequate vegetation buffer.

Site Stability Issues N

Site appears suitable for proposed drilling program.

Drainage Diversion Required? N

Berm Required? Y

Berms required on the cut portions of the well pad to prevent fluids from entering perennial stream in the event of a catastrophic spill.

Erosion Sedimentation Control Required? N

Paleo Survey Run? Paleo Potential Observed? Cultural Survey Run? Cultural Resources?

Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet)

Distance to Surface Water (feet)

Dist. Nearest Municipal Well (ft)

Distance to Other Wells (feet)

Native Soil Type

Fluid Type

Drill Cuttings

Annual Precipitation (inches)

**Affected Populations
Presence Nearby Utility Conduits**

Final Score

Sensitivity Level

Characteristics / Requirements

No reserve pit is being proposed. Currently drilling program is a closed loop system using steel mud tanks provided by drilling contractors.

Closed Loop Mud Required? Liner Required? Liner Thickness Pit Underlayment Required?

Other Observations / Comments

Surface representative Larry Fogel left message with receptionist. Division informed that message would be passed on and Mr. Fogel would contact the Division if he had questions. Current surface agreement is in place.

BLM requested that structures, or remnants of structures in close proximity to the well be left in place.

Bart Kettle
Evaluator

7/7/2011
Date / Time

CONFIDENTIAL

Application for Permit to Drill Statement of Basis

7/11/2011

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
3761	43013507520000	LOCKED	OW	P	No
Operator	BERRY PETROLEUM COMPANY		Surface Owner-APD	Larry Fogel	
Well Name	LC TRIBAL 5-21D-56		Unit		
Field	LAKE CANYON		Type of Work	DRILL	
Location	NWNW 21 5S 6W U 382 FNL 479 FWL		GPS Coord (UTM)	536525E	4431879N

Geologic Statement of Basis

The mineral rights for the proposed well are owned by the Ute Tribe. The BLM will be the agency responsible for evaluating and approving the drilling, casing and cement programs.

Brad Hill
APD Evaluator

7/11/2011
Date / Time

Surface Statement of Basis

On-site evaluation completed on July 7, 2011. In attendance: Bart Kettle-Division of Oil Gas and Mining (DOGGM), Brad Mechum-Berry Petroleum Company, Chuck MacDonald-Vernal BLM. Invited and Choosing not to Attend: Larry Fogel-surface owner.

The proposed LC TRIBAL 5-21D-56 well is one of two wells proposed from the same well pad. As proposed the well pad is staked in what was formerly the flood plan for the Right Fork of Indian Canyon. In the past 100 years the stream corridor has down cut 6' and flooding at this location is unlikely to occur in its current status. The selected site appears adequate for the proposed drilling program. As proposed, this well will be drilled using a closed loop mud circulating system, no reserve pit is being requested for this proposed well.

Currently the southern portions of the well pad fall within 45' of a perennial stream. Berms of 12" shall be constructed around the fill portions of the well pad to prevent fluids from entering live water in the event of a catastrophic spill.

Duchesne listed noxious weeds hoary Cress, hounds tongue and musk thistle noted growing at the proposed site and in surrounding uplands. Invasion doesn't appear linked to oil and gas activity, however construction activities could spread infestation. Construction equipment should be clean prior to leaving location to prevent spread to other locations.

Bart Kettle
Onsite Evaluator

7/7/2011
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A closed loop mud circulation system is required for this location.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	Clean construction equipment prior to moving to prevent spread of noxious weed seed to other areas.

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 5/9/2011

API NO. ASSIGNED: 43013507520000

WELL NAME: LC TRIBAL 5-21D-56

OPERATOR: BERRY PETROLEUM COMPANY (N2480)

PHONE NUMBER: 435 722-1325

CONTACT: Kathy K. Fieldsted

PROPOSED LOCATION: NWNW 21 050S 060W

Permit Tech Review:

SURFACE: 0382 FNL 0479 FWL

Engineering Review:

BOTTOM: 1813 FNL 0660 FWL

Geology Review:

COUNTY: DUCHESNE

LATITUDE: 40.03824

LONGITUDE: -110.57188

UTM SURF EASTINGS: 536525.00

NORTHINGS: 4431879.00

FIELD NAME: LAKE CANYON

LEASE TYPE: 2 - Indian

LEASE NUMBER: 20G-000-5500

PROPOSED PRODUCING FORMATION(S): GREEN RIVER

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: INDIAN - RLB0005647
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: 43-11041
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

Commingling Approved

LOCATION AND SITING:

- R649-2-3.
- Unit:**
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
- Board Cause No:** R649-3-11
- Effective Date:**
- Siting:**
- R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 4 - Federal Approval - dmason
5 - Statement of Basis - bhll
15 - Directional - dmason
23 - Spacing - dmason



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: LC TRIBAL 5-21D-56

API Well Number: 43013507520000

Lease Number: 2OG-000-5500

Surface Owner: FEE (PRIVATE)

Approval Date: 7/11/2011

Issued to:

BERRY PETROLEUM COMPANY, 4000 South 4028 West Rt 2 Box 7735, Roosevelt, UT 84066

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-11. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <http://oilgas.ogm.utah.gov>

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:

A handwritten signature in black ink, appearing to read "John Rogers", written over a faint, illegible stamp or background.

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER LC TRIBAL 5-21D-56				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT LAKE CANYON				
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME				
6. NAME OF OPERATOR BERRY PETROLEUM COMPANY						7. OPERATOR PHONE 303 999-4044				
8. ADDRESS OF OPERATOR 4000 South 4028 West Rt 2 Box 7735, Roosevelt, UT, 84066						9. OPERATOR E-MAIL kao@bry.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) 20G-000-5500			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Larry Fogel						14. SURFACE OWNER PHONE (if box 12 = 'fee') 517-223-8056				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 280 Addison Circle, ,						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE		382 FNL 479 FWL		NWNW	21	5.0 S	6.0 W	U		
Top of Uppermost Producing Zone		1548 FNL 628 FWL		SWNW	21	5.0 S	6.0 W	U		
At Total Depth		1813 FNL 660 FWL		SWNW	21	5.0 S	6.0 W	U		
21. COUNTY DUCHESNE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 382			23. NUMBER OF ACRES IN DRILLING UNIT 640				
27. ELEVATION - GROUND LEVEL 6662			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 20			26. PROPOSED DEPTH MD: 6316 TVD: 6000				
			28. BOND NUMBER RLB0005647			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-11041				
Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Surf	12.25	8.625	0 - 350	24.0	J-55 ST&C	9.5	Class G	200	1.15	15.8
Prod	7.875	5.5	0 - 6316	15.5	J-55 LT&C	9.5	Type V	180	3.82	11.0
							Class G	330	1.7	13.1
ATTACHMENTS										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Kathy K. Fieldsted			TITLE Sr. Regulatory & Permitting Tech.				PHONE 435 722-1325			
SIGNATURE			DATE 05/09/2011				EMAIL kkf@bry.com			
API NUMBER ASSIGNED 43013507520000			APPROVAL  Permit Manager							

SELF-CERTIFICATION STATEMENT

The following self-certification statement is provided per federal requirements dated May 7, 2007.

Please be advised that Berry Petroleum Company is considered to be the operator of the following well.

LC TRIBAL 5-21D-56
NW ¼, NW ¼, 382' FNL 479' FWL, SEC. 21, T5S, R6W, U.S.B. & M.
BHL: SW ¼, NW ¼, 1813' FNL, 660' FWL
Lease: 2OG-000-5500
Duchesne, County, Utah

Berry Petroleum Company is responsible under the terms of the lease for the operations conducted upon the lease lands.



Kathy K. Fieldsted
Sr. Regulatory & Permitting Tech
Berry Petroleum Company
4000 South 4028 West
Route 2, Box 7735
Roosevelt, Utah 84066
435-722-1325

BERRY PETROLEUM COMPANY

LC TRIBAL 5-21D-56

Surface location: NW ¼, NW ¼, 382' FNL 479' FWL, SEC. 21, T5S, R6W, U.S.B. & M.

BHL: SW ¼, NW ¼, 1813' FNL, 660' FWL,
Duchesne, County, Utah

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1,2 Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

FORMATION	DRILL DEPTH * @ SHL (TVD)	DRILL DEPTH* @ BHL (TVD)	Measured Depth
Uinta Fm	Surface	Surface	
Green River	281'	405'	281'
Green River Upper Marker	752'	906'	753'
Mahogany	1,324'	1,473'	1,356'
Tgr3	2,354'	2,485'	2,597'
*Douglas Creek	3,129'	3,275'	3,512'
Black Shale	3,760'	3,888'	4,188'
*Castle Peak	4,047'	4,187'	4,483'
*Uteland Butte	4,410'	4,540'	4,849'
*Wasatch	4,650'	4,784'	5,089'
CR-6 (base U Wasatch)	5,827'	5,950'	6,266'
TD	6,000'	6,000'	6,316'
Base of Moderate Saline H2O	5,218'	5,494'	

*PROSPECTIVE PAY

Berry is locating the well at the proposed surface location and directionally drilling to the proposed bottom hole location. By drilling directionally, Berry Petroleum Company will improve field development efficiency by potentially combining multiple surface hole locations together. This will significantly reduce total surface disturbance plus combine the use of access roads and existing pipelines.

Furthermore, Berry hereby certifies that it is the sole working interest owner with 460 feet of the entire directional well bore and the remainder of the Ute Tribal section.

Berry Petroleum Company
LC TRIBAL 5-21D-56

Drilling Program
Duchesne County, UT

3 Proposed Casing and Cementing Program

Purpose	Depth	Hole Size	Casing Size	Type	Connection	Weight
Surface	350'	12.25"	8-5/8"	J-55	ST&C	24#
Production	6316'	7.875"	5-1/2"	J-55	LT&C	15.5#

Surface	Fill	Type & Amount
---------	------	---------------

0' – 350' 350' Approximately 200 sks Premium Plus (TypeG) + additives or similar slurry with a minimum weight of 15.8 #/gal and approximate yield of 1.15 cuft/sx, minimum 24 hr compressive strength = 500 psi (Cement will be circulated to surface and topped off, if necessary.)

Production	Type & Amount
------------	---------------

0' – 3500' Lead: +/- 180 sks Premium Type V + additives or similar slurry with a minimum weight of 11.0 #/gal and approximate yield of 3.82 cuft/sx

3500' – 6316' Tail: +/- 330 sks Premium Lite Tail + additives or similar slurry with a minimum weight of 13.1 #/gal and approximate yield of 1.70cuft/sk.

For production casing, actual cement volumes will be determined from the caliper log plus a minimum of 15% excess.

4 Drilling Fluids Program

Interval	Weight	Viscosity	Fluid Loss	Remarks
0' – 350'	8.4 – 9.5	27	NC	DAP Mud
350'–6316'	8.4 – 9.5	27	NC	DAP Water

5 Pressure Control Equipment : (Schematic Attached)

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc. A 2M system will be utilized. The attached diagram depicts the use of an annular in conjunction with double rams. However, an annular, double rams or both may be used depending on the drilling rig contracted. Chart recorders will be used for all pressure tests. Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to representative upon request.

Mud volumes will be monitored visually.
Upper and Lower Kelly cocks will be utilized.
A gas buster will be utilized, if necessary.

Berry Petroleum Company
LC TRIBAL 5-21D-56

Drilling Program
Duchesne County, UT

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 350'	No Pressure Control
350' – 6316'	11" 2000# Ram Type BOP 11" 2000# Annular BOP

6 Evaluation Program

Logging Program:	HRI-GR-SP with SDL-DSN-PE: surface casing to TD. Preserve samples from all show intervals.
Sampling:	10' dry cut samples: Douglas Creek to TD. Preserve samples From all show intervals.
Surveys:	As deemed necessary
Mud Logger:	As deemed necessary
Drill Stem Tests:	As deemed necessary
Cores:	As deemed necessary

7 Anticipated Abnormal Pressures or Temperatures

No abnormal temperatures or pressures or other hazards are anticipated.

Shallow gas and/or water flows are possible below surface casing.

Maximum anticipated bottom hole pressure equals approximately 2940 psi* and maximum anticipated surface pressure equals approximately 1620**psi (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

*Max Mud Wt x 0.052 x TVD = A (bottom hole pressure)

**Maximum surface pressure = A – (0.22xTVD)

8 Anticipated Starting Dates and Notification of Operations

Drilling Activity:

Anticipated Commencement Date:	Upon approval of the APD.
Drilling Days:	Approximately 10 days.
Completion Days:	Approximately 7 days.



Berry Petroleum
Lake Canyon Project
8 5/8 Surface Casing
LC Tribal 5-21D-56

T.D.	350 ft			
Hole Size	12 ¼ in			
Casing Size	8 5/8 in			
Casing Weight	24 #			
Cement Coverage	350 ft to surface			
Cement Excess	75 %			
Premium Class G Cmt	200 sks	15.8#/gal	1.15 cuft/sk	5.0 gal/sk
Premium G Cmt	100 % (BWOC)			
Calcium Chloride	2 % (BWOC)			
Flocele	¼ # /sk			

Total mix water (cement only)	24 bbl (1800 gal)
Water ahead	10 bbl
Gel sweep	20 bbl
200 sks Cement	40.9 bbl (15.8 ppg)
Drop Top Plug	
Displacement	19.6 bbl

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Berry Petroleum
Lake Canyon Project
5 ½ Production Casing
LC Tribal 5-21D-56

With loss of circulation

T.D.	6316 ft
Hole Size	7 7/8 in
Casing Size	5 ½ in
Casing Weight	15.50 lb/ ft
Tail Cement Coverage	6316 ft to 3500 ft
Tail Cement Excess	15 %
Lead Cement Coverage	3500 ft to surface
Lead Cement Excess	15 %

Hifill Lead Cmt 180sks 11.0 #/gal 3.82 cuft/sk 23.0 gal/sk

Premium Type V Cmt	100 % (BWOC)
Gel	16 % (BWOC)
Gilsonite	10 #/sk
GR 3	3 #/sk
Salt	3 % (BWOC)
Flocele	¼ # /sk

Premium Lite Tail 330 sks 13.1#/gal 1.70cuft/sk 7.7gal/sk

Premium Class G Cmt	65 % (BWOC)
Poz	35 % (BWOP)
Gel	6% (BWOC)
Gilsonite	10# /sk
CDI 33	.2 % (BWOC)
CFL 175	.2% (BWOC)
Flocele	¼ # /sk
Salt	10 % (BWOW)

Total Mix Water (Cement Only)	6681 gallons
Water ahead	10 bbls(8.33 ppg)
Mud Flush	20 bbls(8.34 ppg)
Water Spacer	10 bbls(8.33 ppg)
Lead Cement	122.5 bbls(11 ppg)
Tail Cement(With loss Circulation)	100.0 bbls(13.1 ppg)
Wash Pump and Lines and Drop Top Plug	
Displacemnet (KCL)	149.3 bbls(8.4 ppg)



Berry Petroleum
Lake Canyon Project
5 ½ Production Casing
LC Tribal 5-21D-56

No loss of circulation

T.D.	6316 ft
Hole Size	7 7/8 in
Casing Size	5 ½ in
Casing Weight	15.50 lb/ ft
Tail Cement Coverage	6316 ft to 3500 ft
Tail Cement Excess	15 %
Lead Cement Coverage	3500 ft to surface
Lead Cement Excess	15 %

Hifill Lead Cmt 180 sks 11.0#/gal 3.82 cuft/sk 23.0 gal/sk

Premium type V cmt	100 % (BWOC)
Gel	16 % (BWOC)
Gilsonite	10 #/sk
GR 3	3 #/sk
Salt	3 % (BWOC)
Flocele	¼ #/sk

50/50 Poz Tail Cmt 445 sks 14.2 #/gal 1.26cuft/sk 5.75 gal/sk

Premium Class G Cmt	50 % (BWOC)
Poz	50 % (BWOP)
Gel	2 % (BWOC)
Salt	10 % (BWOW)
CDI 33	.2 % (BWOC)
CFL 175	.2 % (BWOC)
Flocele	¼ # /sk

Total Mix Water (Cement Only) 6699 gal

Water ahead	10 bbl	
Mud Flush	20 bbl	
Water Spacer	10 bbl	
Lead Cement	122.5 bbl	(11 ppg)
Tail Cement	100.0 bbl	(14.2 ppg)
Wash Pump and Lines Drop Top Plug		
Displacement (KCl)	149.3 bbl	

BERRY PETROLEUM COMPANY
LC TRIBAL 5-21D-56

Surface location: NW ¼, NW ¼, 382' FNL 479' FWL, SEC. 21, T5S, R6W, U.S.B. & M.
BHL: SW ¼, NW ¼, 1813' FNL, 660'
Duchesne, County, Utah

ONSHORE ORDER NO. 1

MULTI POINT SURFACE USE & OPERATIONS PLAN

1 Existing Roads

To reach the Berry Petroleum Company well, LC Tribal 5-21D-56, in Section 21-T5S-R6W:

Start in Duchesne, Utah. Proceed Southwest up Indian Canyon (US 191) and go 10.0 miles to the Right Fork Indian Canyon road. Turn west off the Hwy and proceed 3.4 miles to the 3-21D-56 access road and proceed approx. 218'+/- to the LC Tribal 5-21D-56 location.

Please see the attached map for additional details.

2 Planned Access Road

See Topographic Map "A & B" for the location of the proposed access road.

3 Location of Existing Wells

See Topographic Map "C" for the location of existing wells within a 1 mile radius.

4 Location of Tank Batteries, Production Facilities and Production Gathering and Service Lines

All permanent (on site for six months or longer) structures constructed or installed will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded.

A containment dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks). This dike will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank. The site specific APD will address additional capacity if such is needed due to environmental concerns. The use of topsoil for the construction of dikes will not be allowed. If a Spill Prevention, Control, and Countermeasure (SPCC) Plan is required by the Environmental Protection Agency, the containment dike may be expanded with the Authorized Agency Officer's approval to meet SPCC requirements.

A description of the proposed pipeline and a map illustrating the proposed route is attached.

Berry Petroleum Company
LC TRIBAL 5-21D-56

Multi Point Surface Use & Operations Plan
Duchesne County, UT

All site security guidelines identified in Federal regulation 43 CFR 3126.7, will be adhered to. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease production will have prior written approval from the Authorized Agency Officer.

Gas meter runs will be located approximately 100 feet from the wellhead. Where necessary, the gas line will be anchored down from the wellhead to the meter.

5 Location and Type of Water Supply

Water for the drilling and completion will be pumped or trucked from the Berry source wells located in Sec. 23, T5S, R5W or Sec. 24, T5S, R5W, permit # 43-11041, or from Douglas E. & Yordis Nielsen source well located in Sec. 12, T5S, R6W, permit # 43-1628, or from Duchesne City Culinary Water Dock located in Sec. 1, T4S, R5W or from East Duchesne Water, Arcadia Feedlot, Sec. 28, T3S, R3W or from Petroglyph Operating Company 08-04 Waterplant, Sec. 8, T5S, R3W .

6 Source of Construction Materials

All construction materials for this location site and access road shall be borrow material accumulated during construction of the location site and access road.

Additional gravel or pit lining material will be obtained from a private source.

The use of materials under Authorized Agency jurisdiction will conform with 43 CFR 3610.2-3.

7 Methods of Handling Waste Materials

Drill fluids will be contained in a closed loop system. Cuttings will be contained on site and buried in a pit or used on location or access roads whichever is deemed appropriate by the authorized agency.

After first production, produced wastewater will be trucked to one of the following approved waste water disposal sites: R.N. Industries, Inc. Sec. 4, T2S, R2W, Bluebell; MC & MC Disposal Sec. 12, T6S, R19E, Vernal; LaPoint Recycle & Storage Sec. 12, T5S, R19E, LaPoint or Water Disposal Inc. Sec. 32, T1S, R1W, Roosevelt, used in the operations of the field or, unless prohibited by the Authorized Officer, confined to the approved pit or storage tank for a period not to exceed 90 days. The use of such pit is hereby approved as part of this Application for Permit to Drill.

Production fluids will be contained in leak-proof tanks. All production fluids will be disposed of at approved disposal sites. Produced water, oil, and other byproducts will not be applied to roads or well pads for control of dust or weeds. The indiscriminate dumping of produced fluids on roads, well sites, or other areas will not be allowed.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical portable toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. Trash will not be burned on location.

Berry Petroleum Company
LC TRIBAL 5-21D-56

Multi Point Surface Use & Operations Plan
Duchesne County, UT

All debris and other waste materials not contained in the trash cage will be cleaned up and removed from the location promptly after removal of the completion rig (weather permitting).

Any open pits will be fenced during the operations. The fencing will be maintained with best efforts until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of wells. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of wells within these areas.

8 Ancillary Facilities

There are no ancillary facilities planned for at this time and none are foreseen in the future.

9 Well site Layout

The attached Location Layout diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, pipe racks, trailer parking, spoil dirt stockpile(s) and surface material stockpile(s)

10 Plans for Restoration of the Surface

The dirt contractor will be provided with approved copies of the Surface Use Plan prior to construction activities.

Upon well completion, within a reasonable time, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions may include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and the re-establishment of vegetation as specified.

All disturbed areas will be re-contoured to the approximate natural contours.

Any drainage rerouted during the construction activities shall be restored to its original line of flow or as near as possible.

Prior to the construction of the location, the top 12 inches of soil material (if present) will be stripped and stockpiled. Placement of the topsoil is noted on the location plat attached. Topsoil shall be stockpiled separately from subsoil materials. Topsoil salvaged from the reserve pit shall be stockpiled separately near the reserve pit.

When restoration activities have been completed, the location site and new access road cuts and shoulders shall be reseeded. Prior to reseeding, all disturbed areas, including the old access road, will be scarified and left with a rough surface.

Berry Petroleum Company
LC TRIBAL 5-21D-56

Multi Point Surface Use & Operations Plan
Duchesne County, UT

The Authorized Agency Officer shall be contacted for the required seed mixture. Seed will be broadcast and the amount of seed mixture per acre will be doubled. The seeded area will then be "walked" with a dozer to assure coverage of the seeds. The seed mixture will reflect the recommendation from the Archeology study done.

At final abandonment, all casing shall be cut off at the base of the cellar or 3 feet below final restored ground level, whichever is deeper, and cap the casing with a metal plate a minimum of 0.25 inches thick. The cap will be welded in place and the well location and identity will be permanently inscribed on the cap. The cap also will be constructed with a weep hole.

11 Surface Ownership

Larry Fogel
280 Addison Circle
Fowlerville, MI 48836-7705

12 Other information

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites or other applicable facilities. A list of noxious weeds may be obtained from the Authorized Agency or the appropriate County Extension Office.

Drilling rigs and/or equipment used during drilling operations on this location will not be stacked or stored on administered lands after the conclusion of drilling operations or at any other time without authorization by the Authorized Agency Officer. If authorization is obtained, such storage is only a temporary measure.

Travel is restricted to only approved travel routes.

A class III archaeological survey will be conducted on all lands, unless landowner waives rights for archaeological survey. All personnel will refrain from collecting artifacts and from disturbing any significant cultural resources in the area. The operator is responsible for informing all persons in the area who are associated with this project that they may be subject to prosecution for knowingly disturbing historic or archaeological sites or for collecting artifacts. All vehicular traffic, personnel movement, construction, and restoration activities shall be confined to the areas examined, as referenced in the archaeological report, and to the existing roadways and/or evaluated access routes. If historic or archaeological materials are uncovered during construction, the Operator is to immediately stop work that might further disturb such materials and contact the Authorized Agency Officer.

Within five working days, the Authorized Agency Officer will inform the operator as to:

Whether the materials appear eligible for the National Historic Register of Historic Places; The mitigation measures the operator will likely have to undertake before the site can be used (assuming in-situ preservation is not necessary); and, the time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic

Berry Petroleum Company
LC TRIBAL 5-21D-56

Multi Point Surface Use & Operations Plan
Duchesne County, UT

Preservation Officer, that the findings of the Authorized Officer are correct and that the mitigation measures are appropriate.

If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Agency Officer and/or the surface owner will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise the operator will be responsible for mitigation costs. The Authorized Agency Officer and/or the surface owner will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Agency Officer that required mitigation has been completed, the Operator will then be allowed to resume construction.

All Surface Use Conditions of Approval associated with the Landowner Surface Use Agreement and Environmental Analysis Mitigation Stipulations will be adhered to.

All well site locations will have appropriate signs indicating the name of the operator, the lease serial number, the well name and number, the survey description of the well (either footages or the quarter/quarter section, the section, township, and range).

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Berry Petroleum Company
LC TRIBAL 5-21D-56

Multi Point Surface Use & Operations Plan
Duchesne County, UT

13 Operator's Representative and Certification

A) Representative

NAME: Kathy K. Fieldsted
ADDRESS: Berry Petroleum Company
4000 South 4028 West
Route 2, Box 7735
Roosevelt, Utah 84066
PHONE: 435-722-1325

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations and onshore oil and gas orders. The operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The drilling permit will be valid for a period of two years from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

B) Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge and belief, true and correct; and that the work associated with the operations proposed herein will be performed by Berry Petroleum Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

DATE

May 4, 2011


Kathy K. Fieldsted
Sr. Regulatory & Permitting Tech
Berry Petroleum Company

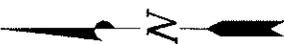
BERRY PETROLEUM COMPANY

WELL PAD INTERFERENCE PLAT

LC TRIBAL 3-21D-56 (Proposed Well)

LC TRIBAL 5-21D-56 (Proposed Well)

Pad Location: NWNW Section 21, T5S, R6W, U.S.B.&M.



TOP HOLE FOOTAGES

3-21D-56 (PROPOSED)
373' FNL & 497' FWL
5-21D-56 (PROPOSED)
382' FNL & 479' FWL

BOTTOM HOLE FOOTAGES

3-21D-56 (PROPOSED)
660' FNL & 1830' FWL
5-21D-56 (PROPOSED)
1813' FNL & 660' FWL

Proposed Access

Future Pit

Edge of Proposed Pad

565.30' ±

S07°15'30"E - 1443.89'
(To Bottom Hole)

3-21D-56 (PROPOSED)

5-21D-56 (PROPOSED)

S77°26'59"E - 1365.68'
(To Bottom Hole)

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
3-21D-56	40° 02' 17.96"	110° 34' 20.36"
5-21D-56	40° 02' 17.87"	110° 34' 20.59"

RELATIVE COORDINATES From top hole to bottom hole

WELL	NORTH	EAST
3-21D-56	-297'	1,333'
5-21D-56	-1432'	182'

Note:
Bearings are based
on GPS Observations.

SURVEYED BY: S.H.	DATE SURVEYED: 08-21-10
DRAWN BY: M.W.	DATE DRAWN: 12-07-10
SCALE: 1" = 50'	REVISED: L.C.S. 01-25-11

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

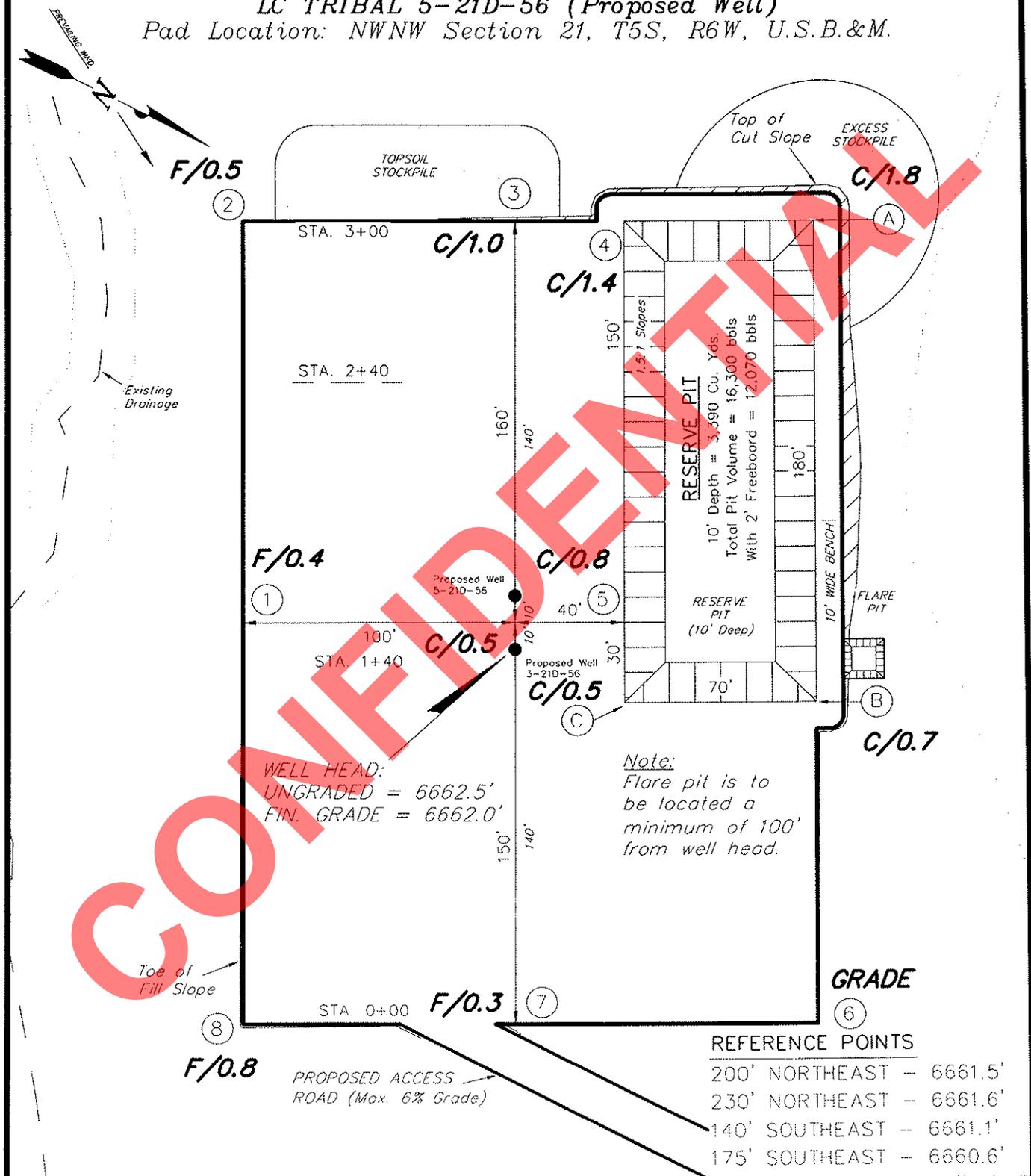
BERRY PETROLEUM COMPANY

LOCATION LAYOUT

LC TRIBAL 3-21D-56 (Proposed Well)

LC TRIBAL 5-21D-56 (Proposed Well)

Pad Location: NWNW Section 21, T5S, R6W, U.S.B.&M.



WELL HEAD:
UNGRADED = 6662.5'
FIN. GRADE = 6662.0'

Note:
Flare pit is to
be located a
minimum of 100'
from well head.

REFERENCE POINTS	
200' NORTHEAST	6661.5'
230' NORTHEAST	6661.6'
140' SOUTHEAST	6661.1'
175' SOUTHEAST	6660.6'

SURVEYED BY: S.H.	DATE SURVEYED: 08-11-10
DRAWN BY: M.W.	DATE DRAWN: 12-07-10
SCALE: 1" = 50'	REVISED:

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Land Surveying, Inc.
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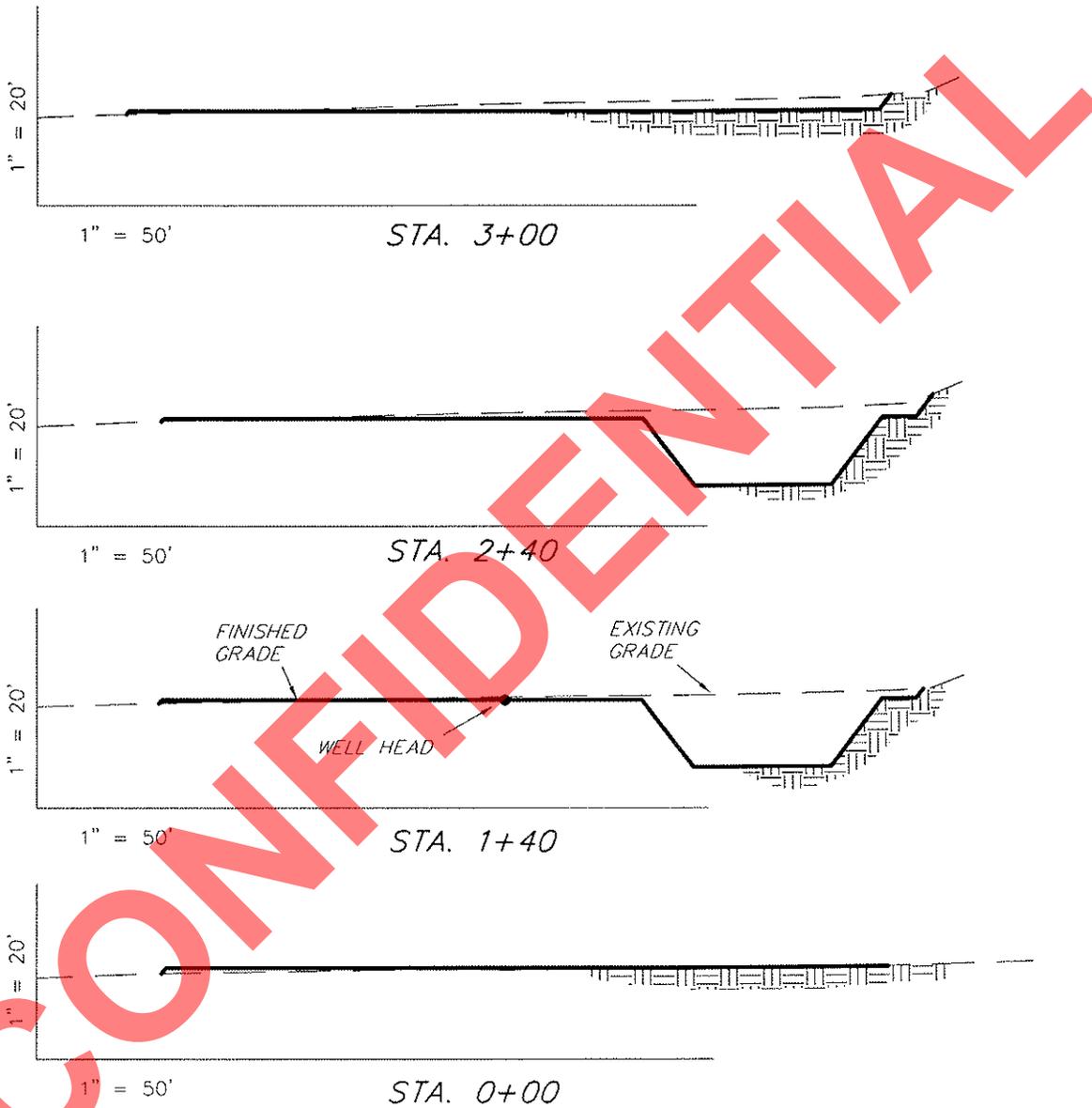
BERRY PETROLEUM COMPANY

CROSS SECTIONS

LC TRIBAL 3-21D-56 (Proposed Well)

LC TRIBAL 5-21D-56 (Proposed Well)

Pad Location: NWNW Section 21, T5S, R6W, U.S.B.&M.



ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	670	670	Topsoil is not included in Pad Cut	0
PIT	3,390	0		3,390
TOTALS	4,060	670	1,250	3,390

SURVEYED BY: S.H.	DATE SURVEYED: 08-11-10
DRAWN BY: M.W.	DATE DRAWN: 12-07-10
SCALE: 1" = 50'	REVISED:

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE VERNAL, UTAH 84078
(435) 761-2501

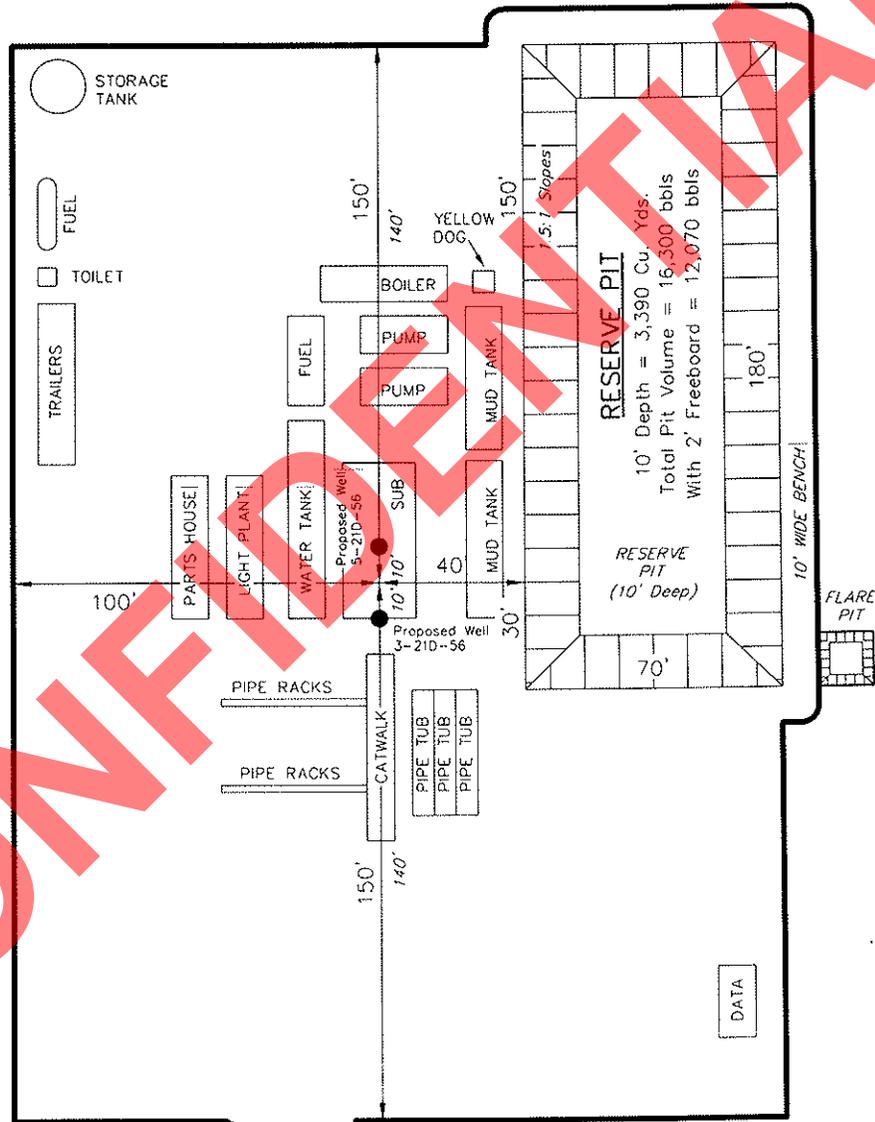
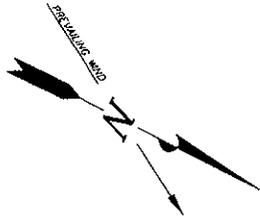
BERRY PETROLEUM COMPANY

TYPICAL RIG LAYOUT

LC TRIBAL 3-21D-56 (Proposed Well)

LC TRIBAL 5-21D-56 (Proposed Well)

Pad Location: NWNW Section 21, T5S, R6W, U.S.B.&M.



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SURVEYED BY: S.H.	DATE SURVEYED: 08-11-10
DRAWN BY: M.W.	DATE DRAWN: 12-07-10
SCALE: 1" = 50'	REVISED:

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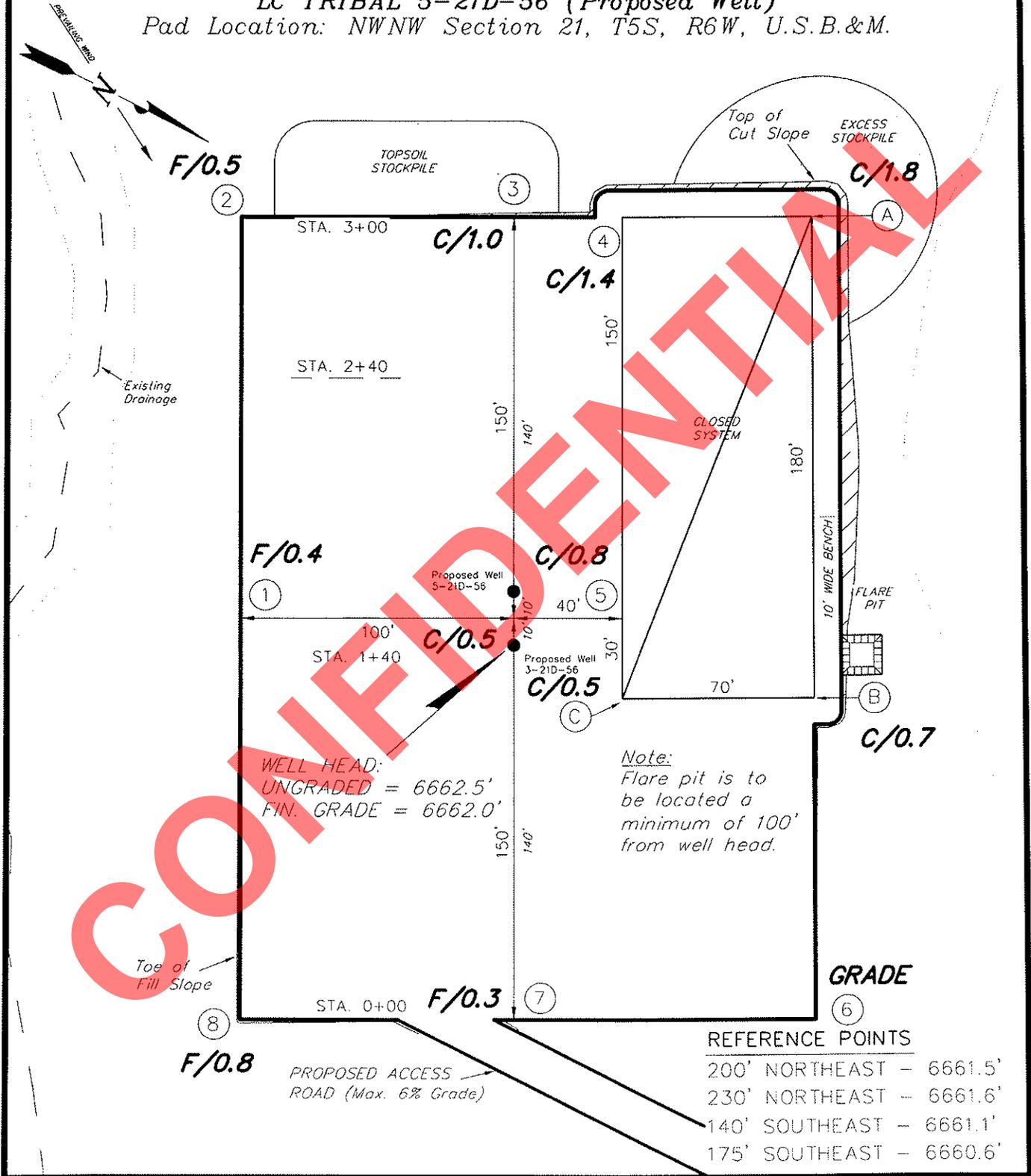
BERRY PETROLEUM COMPANY

LOCATION LAYOUT

LC TRIBAL 3-21D-56 (Proposed Well)

LC TRIBAL 5-21D-56 (Proposed Well)

Pad Location: NWNW Section 21, T5S, R6W, U.S.B.&M.



WELL HEAD:
 UNGRADED = 6662.5'
 FIN. GRADE = 6662.0'

Note:
 Flare pit is to
 be located a
 minimum of 100'
 from well head.

GRADE ⑥

REFERENCE POINTS	
200' NORTHEAST	6661.5'
230' NORTHEAST	6661.6'
140' SOUTHEAST	6661.1'
175' SOUTHEAST	6660.6'

SURVEYED BY: S.H.	DATE SURVEYED: 08-11-10
DRAWN BY: M.W.	DATE DRAWN: 12-07-10
SCALE: 1" = 50'	REVISED:

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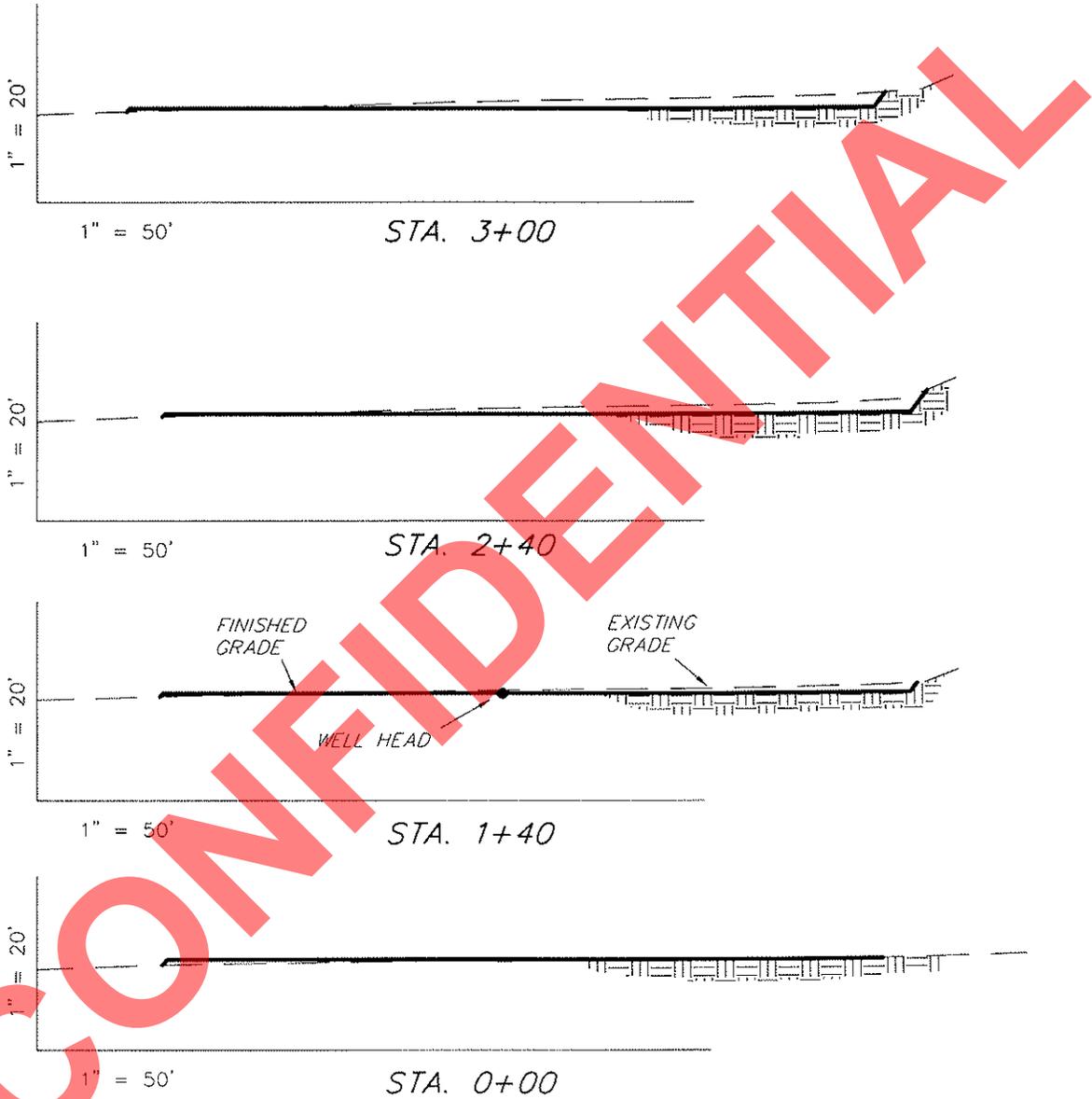
BERRY PETROLEUM COMPANY

CROSS SECTIONS

LC TRIBAL 3-21D-56 (Proposed Well)

LC TRIBAL 5-21D-56 (Proposed Well)

Pad Location: NWNW Section 21, T5S, R6W, U.S.B.&M.



ESTIMATED EARTHWORK QUANTITIES
 (No Shrink or swell adjustments have been used)
 (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	670	670	Topsoil is not included in Pad Cut	0
PIT	0	0		0
TOTALS	670	670	1,250	0

SURVEYED BY: S.H.	DATE SURVEYED: 08-11-10	
DRAWN BY: M.W.	DATE DRAWN: 12-07-10	
SCALE: 1" = 50'	REVISED:	

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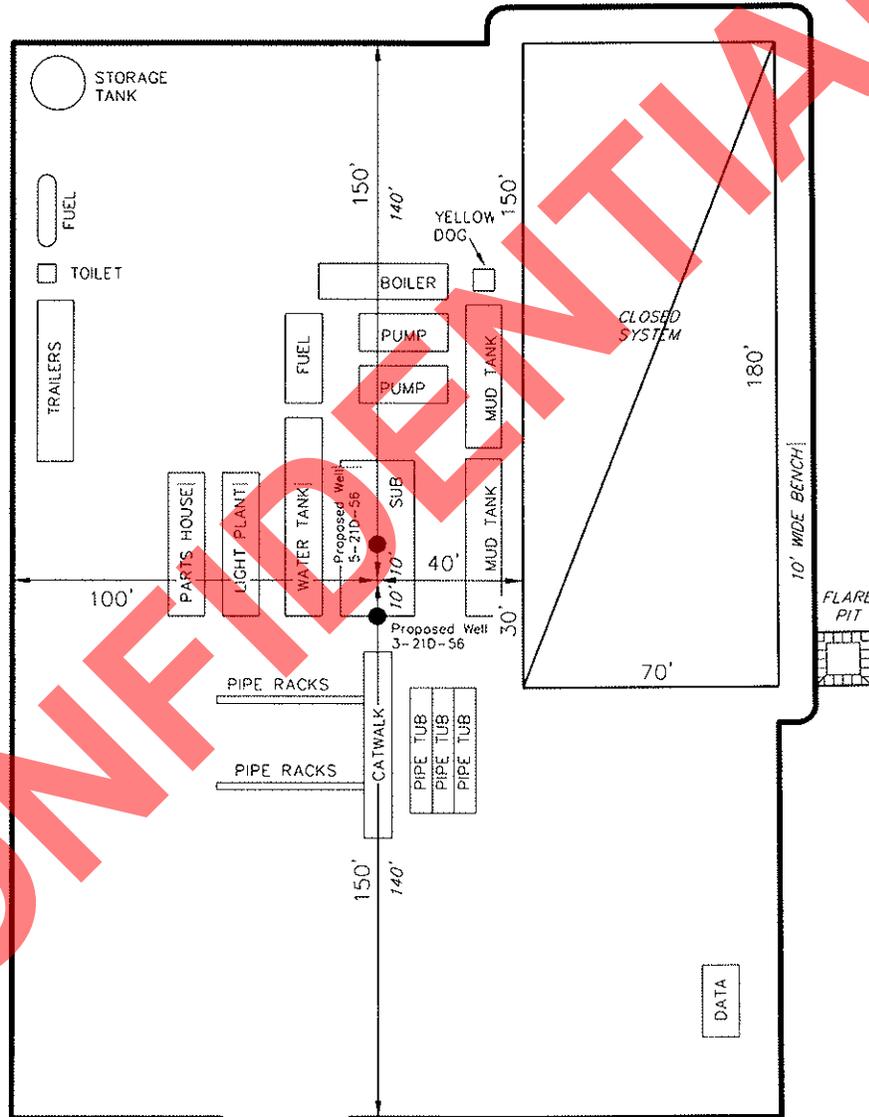
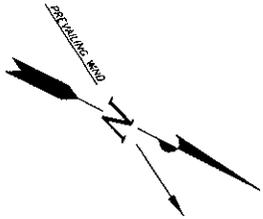
BERRY PETROLEUM COMPANY

TYPICAL RIG LAYOUT

LC TRIBAL 3-21D-56 (Proposed Well)

LC TRIBAL 5-21D-56 (Proposed Well)

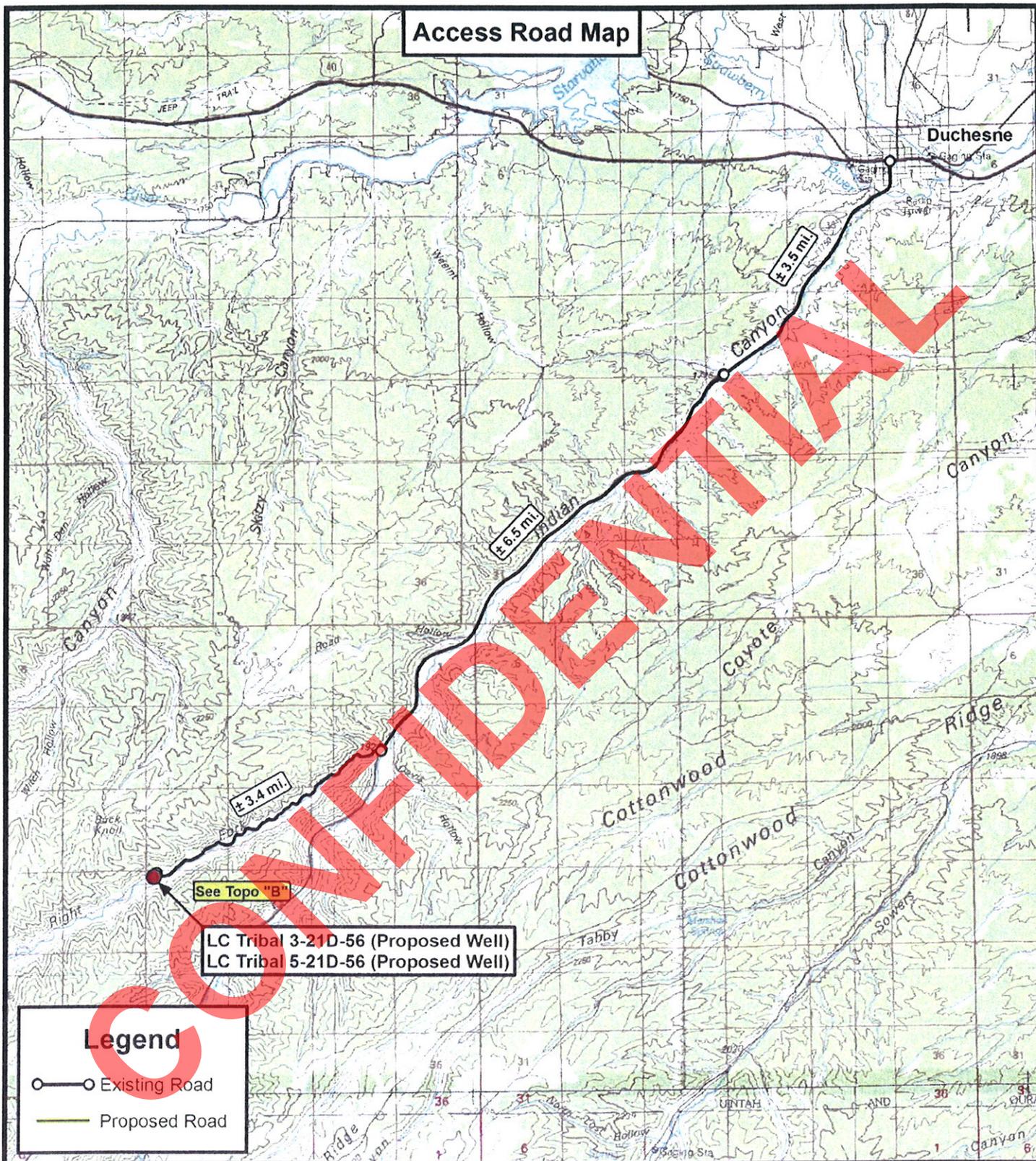
Pad Location: NWNW Section 21, T5S, R6W, U.S.B.&M.



PROPOSED ACCESS ROAD (Max. 6% Grade)

SURVEYED BY: S.H.	DATE SURVEYED: 08-11-10
DRAWN BY: M.W.	DATE DRAWN: 12-07-10
SCALE: 1" = 50'	REVISED:

Tri State Land Surveying, Inc. (435) 781-2501
 180 NORTH VERNAL AVE VERNAL, UTAH 84078



Legend

- Existing Road
- - - Proposed Road

LC Tribal 3-21D-56 (Proposed Well)
 LC Tribal 5-21D-56 (Proposed Well)

See Topo "B"

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 F: (435) 781-2518



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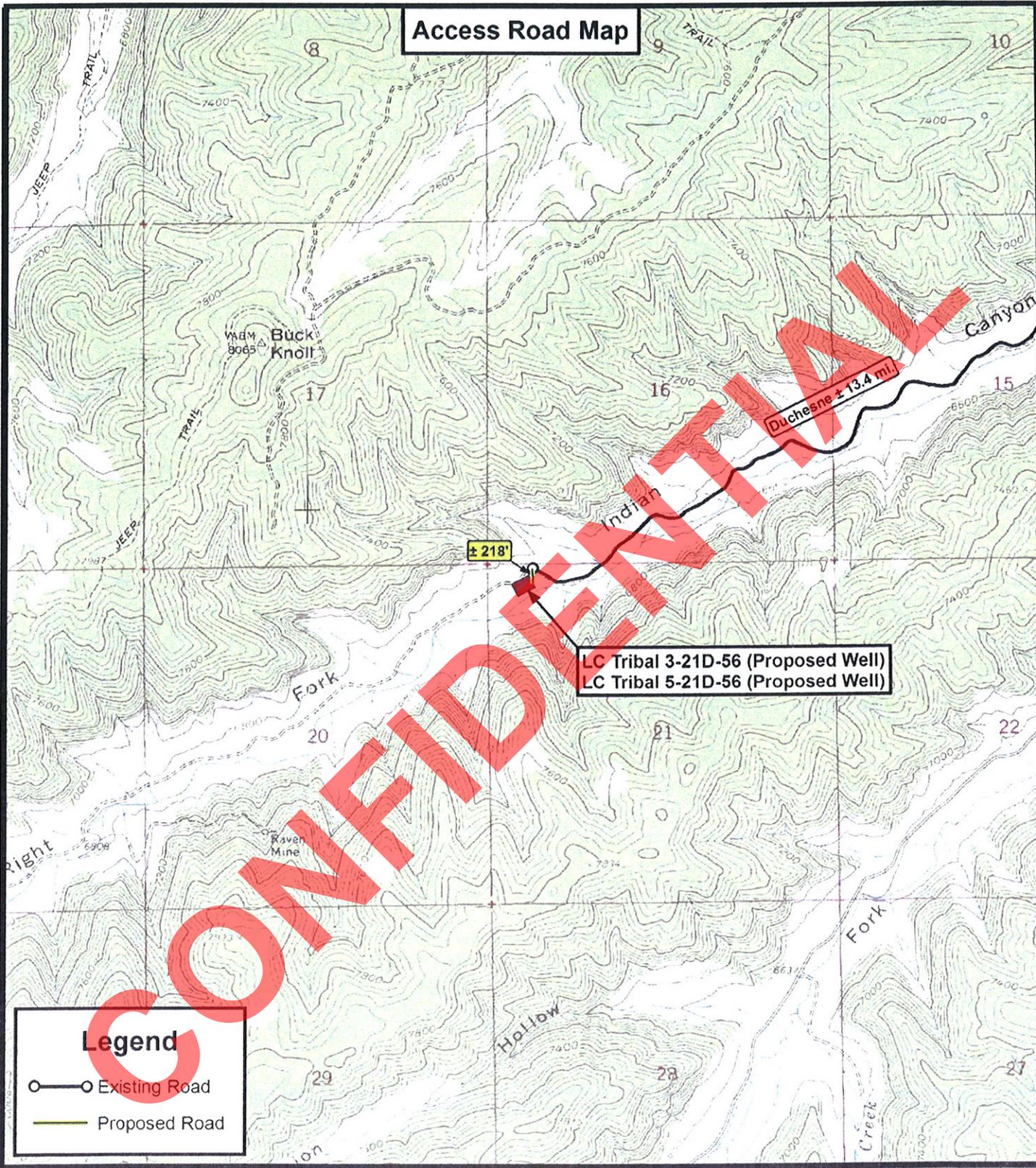
LC Tribal 3-21D-56 (Proposed Well)
 LC Tribal 5-21D-56 (Proposed Well)
 SEC. 21, T5S, R6W, U.S.B.&M.
 Duchesne County, UT.

DRAWN BY:	C.H.M.
DATE:	12-08-2010
SCALE:	1:100 000

TOPOGRAPHIC MAP

SHEET
A

Access Road Map



Legend

- Existing Road
- Proposed Road

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 F: (435) 781-2518

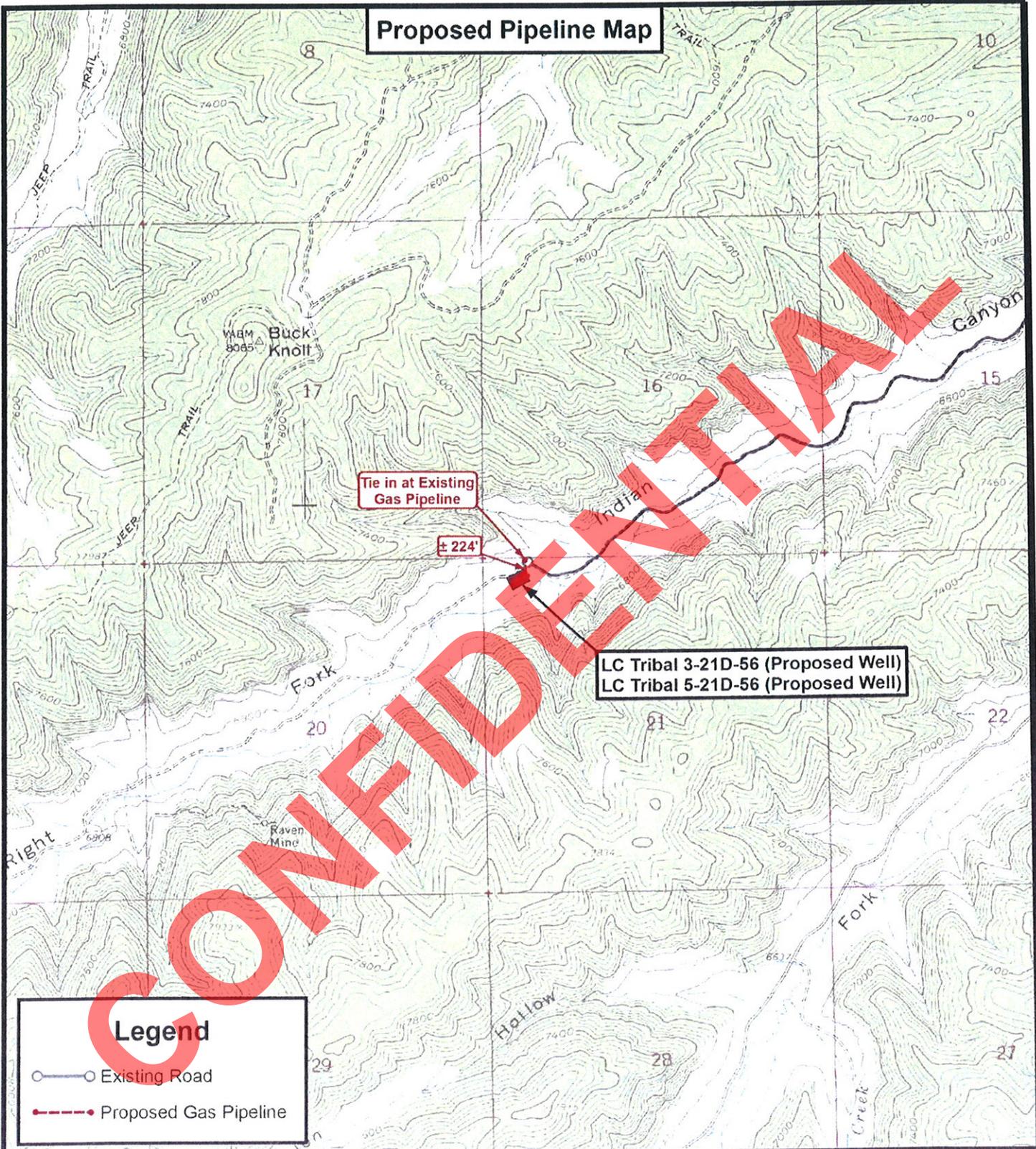


BERRY PETROLEUM COMPANY
 LC Tribal 3-21D-56 (Proposed Well)
 LC Tribal 5-21D-56 (Proposed Well)
 SEC. 21, T5S, R6W, U.S.B.&M.
 Duchesne County, UT.

DRAWN BY:	C.H.M.
DATE:	12-08-2010
SCALE:	1" = 2,000'

TOPOGRAPHIC MAP SHEET **B**

Proposed Pipeline Map



Legend

- Existing Road
- - - ● - - - Proposed Gas Pipeline

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BERRY PETROLEUM COMPANY

LC Tribal 3-21D-56 (Proposed Well)
LC Tribal 5-21D-56 (Proposed Well)
SEC. 21, T5S, R6W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	C.H.M.
DATE:	12-08-2010
SCALE:	1" = 2,006'

TOPOGRAPHIC MAP

SHEET
C

**Location
Photos**

Center Stake
Looking Southeasterly

Date Photographed: 08/10/2010
Photographed By : S. Hawk



Access
Looking Southeasterly

Date Photographed: 08/10/2010
Photographed By : S. Hawk



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180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518

BERRY PETROLEUM COMPANY

LC Tribal 3-21D-56 (Proposed Well)
LC Tribal 5-21D-56 (Proposed Well)
SEC. 21, T5S, R6W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY: C.H.M.
DATE: 12-08-2010

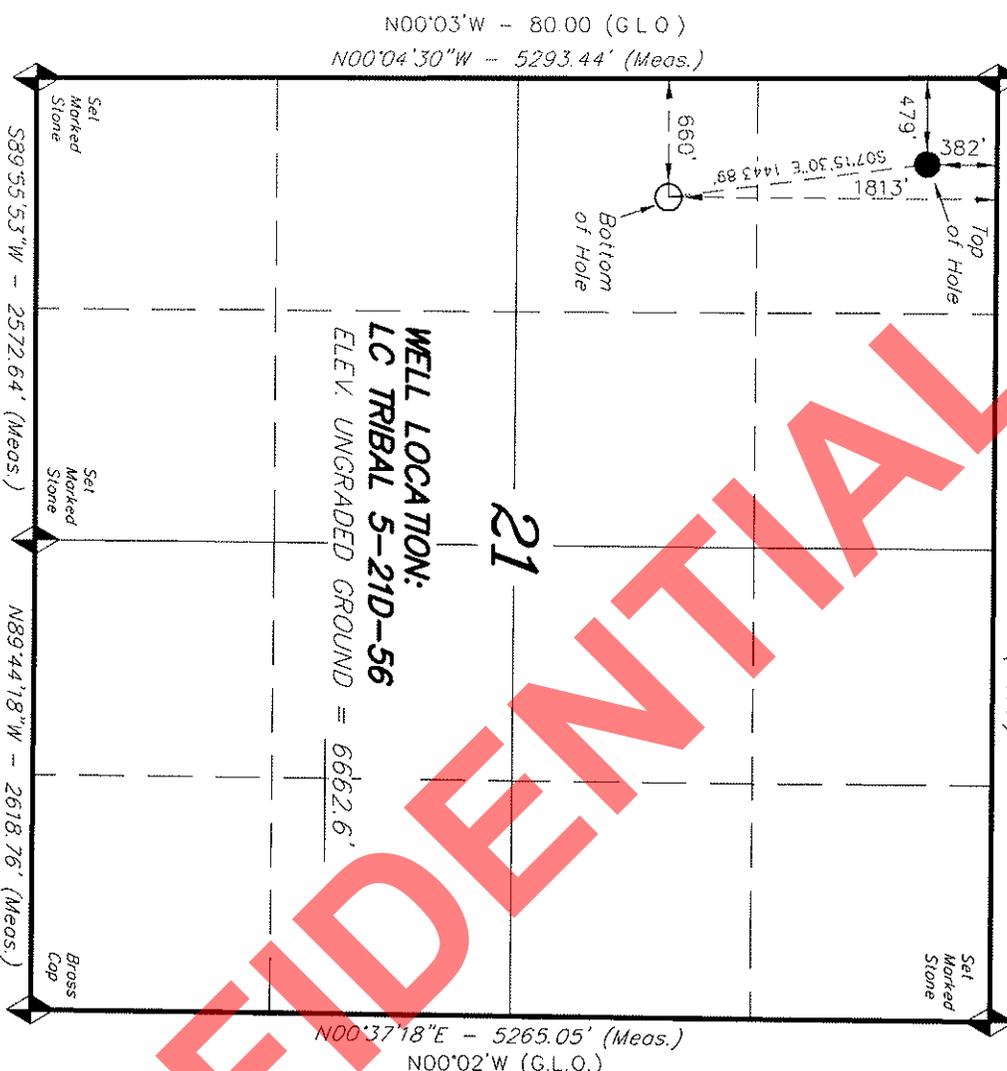
COLOR PHOTOGRAPHS

SHEET
P

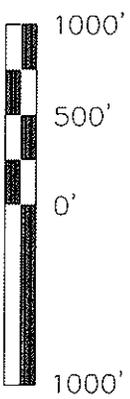
T5S, R6W, U.S.B.&M.

BERRY PETROLEUM COMPANY

S89°57'W - 79.96 (G.L.O.)
 N89°35'25"W - 5255.55' (Meas.)



WELL LOCATION, LC TRIBAL 5-21D-56,
 LOCATED AS SHOWN IN THE NW 1/4 NW
 1/4 OF SECTION 21, T5S, R6W,
 U.S.B.&M. DUCHEESNE COUNTY, UTAH.



- NOTES:**
- Well footages are measured at right angles to the Section Lines.
 - Bearings are based on Global Positioning Satellite observations.

THIS IS TO CERTIFY THAT THE ABOVE PERT WAS PREPARED FROM FIELD NOTES OF A SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

STACY W. STEWART
 REGISTERED LAND SURVEYOR
 STATE OF UTAH



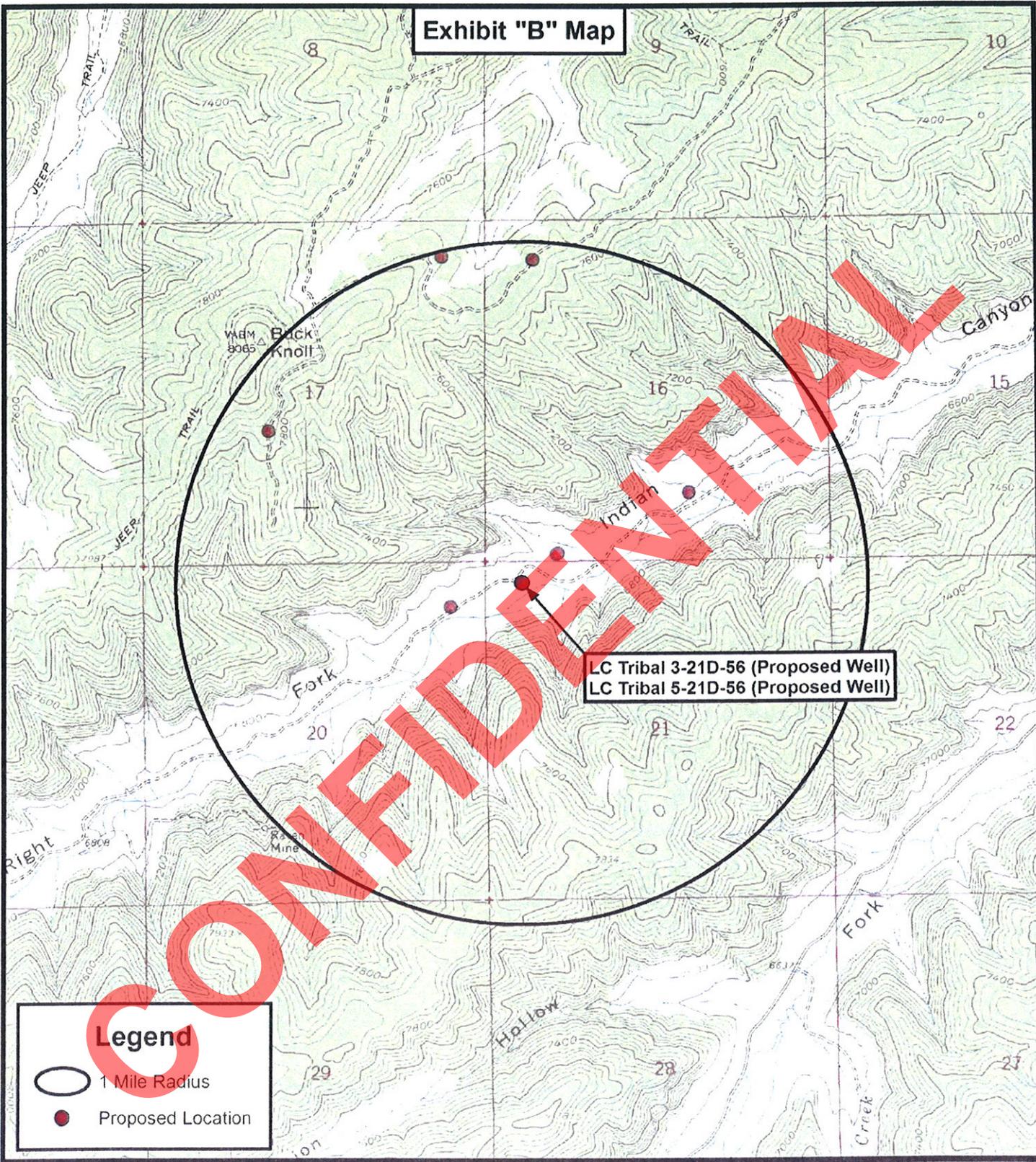
TRI STATE LAND SURVEYING & CONSULTING
 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
 (435) 781-2501

DATE SURVEYED: 8-10-10	SURVEYED BY: S.H.
DATE DRAWN: 12-07-10	DRAWN BY: M.W.
REVISED: L.C.S. 01-25-11	SCALE: 1" = 1000'

BASIS OF ELEV. Elevations are base on ON N.G.S. OPUS Correction. LOCATION: LAT. 39°58'55.06" LONG. 110°22'05.00" (Tristate Aluminum Cap) Elev. 7307.99'

NAD 83 (SURFACE LOCATION)	LATITUDE = 40°02'17.87" (40.038297)
	LONGITUDE = 110°34'20.59" (110.572386)
NAD 27 (SURFACE LOCATION)	LATITUDE = 40°02'18.01" (40.038337)
	LONGITUDE = 110°34'18.03" (110.571626)
NAD 83 (BOTTOM HOLE LOCATION)	LATITUDE = 40°02'03.75" (40.034368)
	LONGITUDE = 110°34'18.20" (110.571722)
NAD 27 (BOTTOM HOLE LOCATION)	LATITUDE = 40°02'03.87" (40.034408)
	LONGITUDE = 110°34'15.84" (110.571012)

Exhibit "B" Map



Legend

- 1 Mile Radius
- Proposed Location

LC Tribal 3-21D-56 (Proposed Well)
 LC Tribal 5-21D-56 (Proposed Well)

Tri State Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
 F: (435) 781-2518

DRAWN BY:	C.H.M.
DATE:	12-08-2010
SCALE:	1" = 2,000'



BERRY PETROLEUM COMPANY

LC Tribal 3-21D-56 (Proposed Well)
 LC Tribal 5-21D-56 (Proposed Well)
 SEC. 21, T5S, R6W, U.S.B.&M.
 Duchesne County, UT.

TOPOGRAPHIC MAP

SHEET **D**



Berry Petroleum Company

Project: Duchesne Co., UT (UT27C)
 Site: Sec.21-T5S-R6W
 Well: LC Tribal 5-21D-56
 Wellbore: Wellbore #1
 Design: Design #2
 Latitude: 40° 2' 18.013 N
 Longitude: 110° 34' 18.034 W
 Ground Level: 6662.00
 WELL @ 6676.00usft (Berry Rig 5)



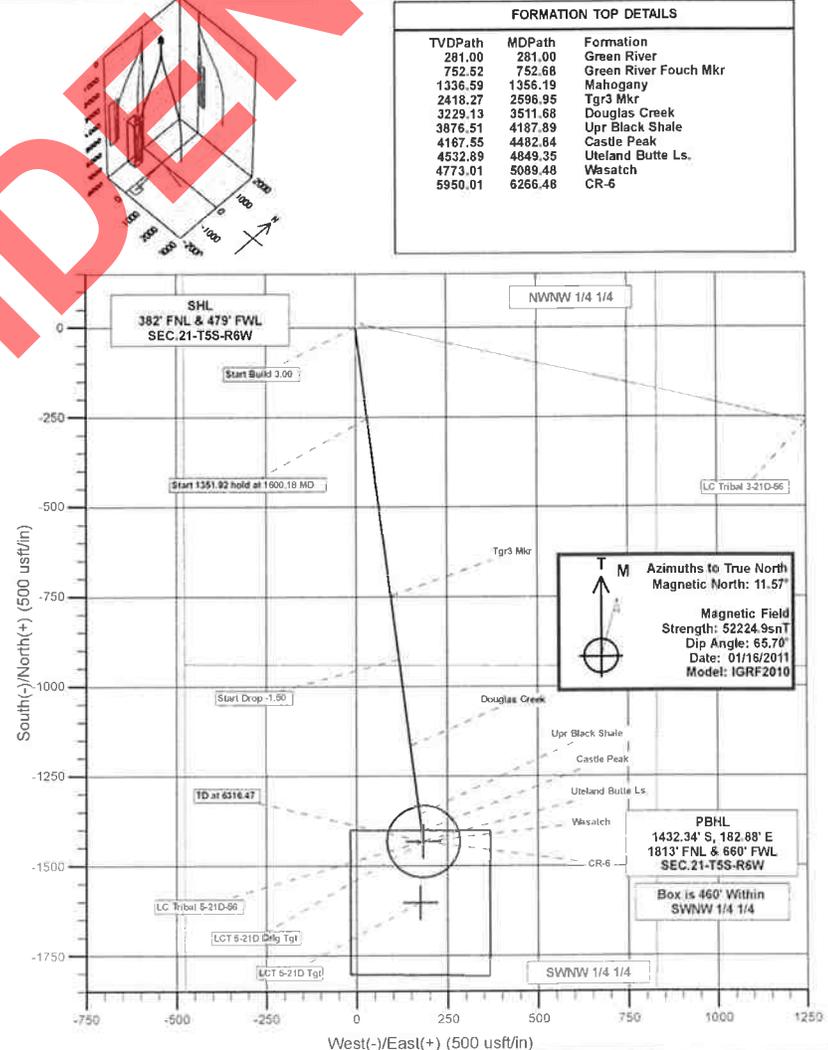
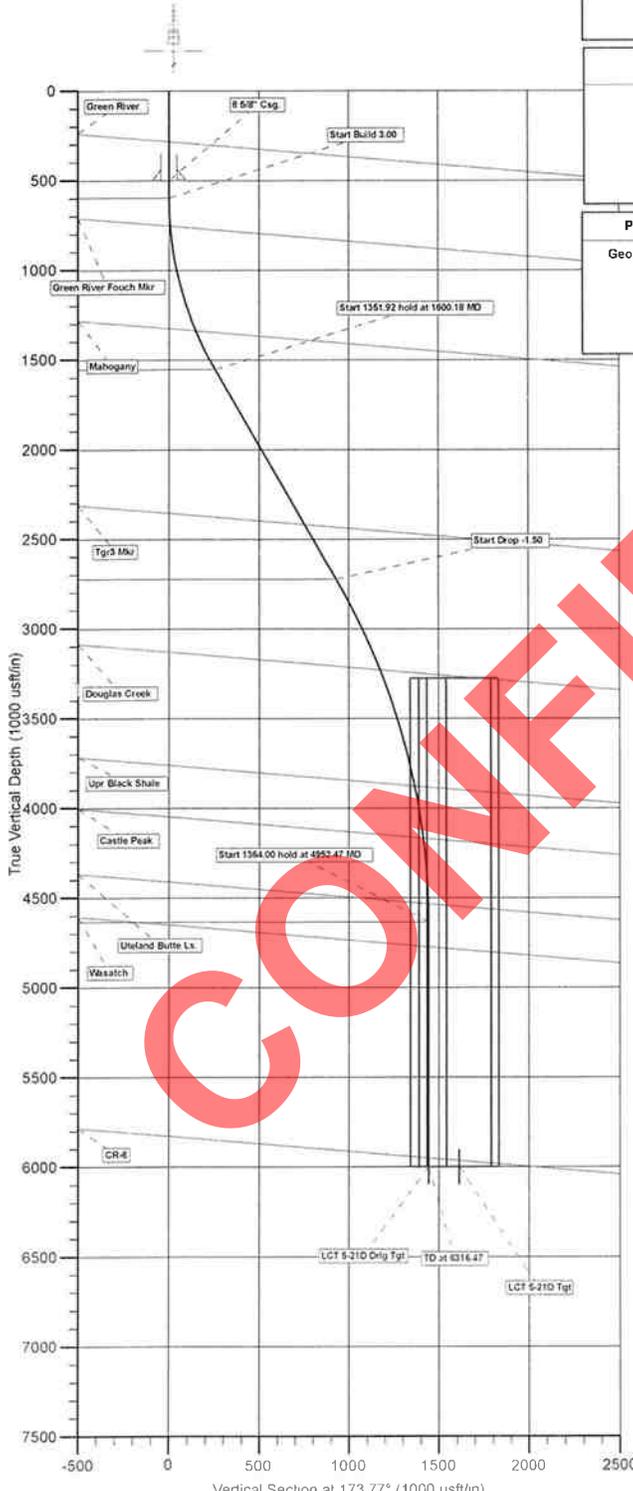
WELL DETAILS: LC Tribal 5-21D-56						
Ground Level: 6662.00						Slot
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
0.00	0.00	622358.167	2259914.044	40° 2' 18.013 N	110° 34' 18.034 W	

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)						
Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
LCT 5-21D Orig Tgt	6000.00	-1432.34	182.8840° 2' 3.857 N110° 34' 15.882 W			Circle (Radius: 100.00)
LCT 5-21D Tgt	6000.00	-1602.94	174.8640° 2' 2.171 N110° 34' 15.785 W			Polygon

SECTION DETAILS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Start Build 3.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	Start 1351.92 hold at 1600.18 MD
1600.18	30.01	172.72	1555.09	-253.90	32.42	3.00	172.72	255.92	Start Drop -1.50
2952.10	30.01	172.72	2725.02	-924.53	118.04	0.00	0.00	0.00	Start 1364.00 hold at 4952.47 MD
4952.47	0.00	0.00	4636.00	-1432.34	182.88	1.50	180.00	1443.73	TD at 6316.47
6316.47	0.00	0.00	6000.00	-1432.34	182.88	0.00	0.00	1443.73	

PROJECT DETAILS: Duchesne Co., UT (UT27C)		REFERENCE INFORMATION	
Geodetic System: US State Plane 1927 (Exact solution)		Co-ordinate (N/E) Reference: Well LC Tribal 5-21D-56, True North	
Datum: NAD 1927 (NADCON CONUS)		Vertical (TVD) Reference: WELL @ 6676.00usft (Berry Rig 5)	
Ellipsoid: Clarke 1866		Section (VS) Reference: Slot - (0.00N, 0.00E)	
Zone: Utah Central 4302		Measured Depth Reference: WELL @ 6676.00usft (Berry Rig 5)	
System Datum: Mean Sea Level		Calculation Method: Minimum Curvature	

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
281.00	281.00	Green River
752.52	752.68	Green River Fouch Mkr
1356.59	1356.19	Mahogany
2418.27	2598.95	Tgr3 Mkr
3229.13	3511.68	Douglas Creek
3876.51	4187.89	Upr Black Shale
4167.55	4482.64	Castle Peak
4532.89	4849.35	Uteland Butte Ls.
4773.01	5089.48	Wasatch
5950.01	6266.48	CR-6



Plan: Design #2 (LC Tribal 5-21D-56/Wellbore #1)
 Created By: BRET WOLFORD Date: 14:49, January 20 2011

Great White Directional Services, LLC
Planning Report



Database:	EDM 5000.1 EDMDBBW	Local Co-ordinate Reference:	Well LC Tribal 5-21D-56
Company:	Berry Petroleum Company	TVD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Project:	Duchesne Co., UT (UT27C)	MD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Site:	Sec.21-T5S-R6W	North Reference:	True
Well:	LC Tribal 5-21D-56	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

Project	Duchesne Co., UT (UT27C)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Utah Central 4302		

Site	Sec.21-T5S-R6W				
Site Position:		Northing:	622,358.171 usft	Latitude:	40° 2' 18.013 N
From:	Lat/Long	Easting:	2,259,914.043 usft	Longitude:	110° 34' 18.034 W
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16"	Grid Convergence:	0.59 °

Well	LC Tribal 5-21D-56					
Well Position	+N/-S	0.00 usft	Northing:	622,358.167 usft	Latitude:	40° 2' 18.013 N
	+E/-W	0.00 usft	Easting:	2,259,914.044 usft	Longitude:	110° 34' 18.034 W
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	6,662.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	01/16/11	11.57	65.70	52,225

Design	Design #2				
Audit Notes:					
Version:	Phase:	PLAN	Tie On Depth:	0.00	
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	173.77	

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.18	30.01	172.72	1,555.09	-253.90	32.42	3.00	3.00	0.00	172.72	
2,952.10	30.01	172.72	2,725.82	-924.53	118.04	0.00	0.00	0.00	0.00	
4,952.47	0.00	0.00	4,636.00	-1,432.34	182.88	1.50	-1.50	0.00	180.00	
6,316.47	0.00	0.00	6,000.00	-1,432.34	182.88	0.00	0.00	0.00	0.00	

Great White Directional Services, LLC
Planning Report



Database:	EDM 5000.1 EDMDBBW	Local Co-ordinate Reference:	Well LC Tribal 5-21D-56
Company:	Berry Petroleum Company	TVD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Project:	Duchesne Co., UT (UT27C)	MD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Site:	Sec.21-T5S-R6W	North Reference:	True
Well:	LC Tribal 5-21D-56	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
Green River									
281.00	0.00	0.00	281.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
8 5/8" Csg.									
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 3.00									
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	3.00	172.72	699.95	-2.60	0.33	2.62	3.00	3.00	0.00
Green River Fouch Mkr									
752.68	4.58	172.72	752.52	-6.05	0.77	6.10	3.00	3.00	0.00
800.00	6.00	172.72	799.63	-10.38	1.33	10.46	3.00	3.00	0.00
900.00	9.00	172.72	898.77	-23.32	2.98	23.51	3.00	3.00	0.00
1,000.00	12.00	172.72	997.08	-41.40	5.29	41.73	3.00	3.00	0.00
1,100.00	15.00	172.72	1,094.31	-64.55	8.24	65.07	3.00	3.00	0.00
1,200.00	18.00	172.72	1,190.18	-92.72	11.84	93.46	3.00	3.00	0.00
1,300.00	21.00	172.72	1,284.43	-125.83	16.07	126.83	3.00	3.00	0.00
Mahogany									
1,356.19	22.69	172.72	1,336.59	-146.57	18.71	147.73	3.00	3.00	0.00
1,400.00	24.00	172.72	1,376.81	-163.79	20.91	165.09	3.00	3.00	0.00
1,500.00	27.00	172.72	1,467.06	-206.49	26.36	208.13	3.00	3.00	0.00
Start 1351.92 hold at 1600.18 MD									
1,600.18	30.01	172.72	1,555.09	-253.90	32.42	255.92	3.00	3.00	0.00
1,700.00	30.01	172.72	1,641.53	-303.42	38.74	305.83	0.00	0.00	0.00
1,800.00	30.01	172.72	1,728.13	-353.02	45.07	355.83	0.00	0.00	0.00
1,900.00	30.01	172.72	1,814.72	-402.63	51.41	405.83	0.00	0.00	0.00
2,000.00	30.01	172.72	1,901.32	-452.23	57.74	455.83	0.00	0.00	0.00
2,100.00	30.01	172.72	1,987.92	-501.84	64.07	505.83	0.00	0.00	0.00
2,200.00	30.01	172.72	2,074.52	-551.45	70.41	555.83	0.00	0.00	0.00
2,300.00	30.01	172.72	2,161.11	-601.05	76.74	605.83	0.00	0.00	0.00
2,400.00	30.01	172.72	2,247.71	-650.66	83.08	655.83	0.00	0.00	0.00
2,500.00	30.01	172.72	2,334.31	-700.26	89.41	705.83	0.00	0.00	0.00
Tgr3 Mkr									
2,596.95	30.01	172.72	2,418.27	-748.36	95.55	754.31	0.00	0.00	0.00
2,600.00	30.01	172.72	2,420.91	-749.87	95.74	755.83	0.00	0.00	0.00
2,700.00	30.01	172.72	2,507.50	-799.47	102.08	805.83	0.00	0.00	0.00
2,800.00	30.01	172.72	2,594.10	-849.08	108.41	855.83	0.00	0.00	0.00
2,900.00	30.01	172.72	2,680.70	-898.69	114.74	905.83	0.00	0.00	0.00
Start Drop -1.50									
2,952.10	30.01	172.72	2,725.82	-924.53	118.04	931.88	0.00	0.00	0.00
3,000.00	29.29	172.72	2,767.45	-948.03	121.04	955.57	1.50	-1.50	0.00
3,100.00	27.79	172.72	2,855.29	-995.42	127.09	1,003.33	1.50	-1.50	0.00
3,200.00	26.29	172.72	2,944.36	-1,040.51	132.85	1,048.78	1.50	-1.50	0.00
3,300.00	24.79	172.72	3,034.59	-1,083.27	138.31	1,091.88	1.50	-1.50	0.00
3,400.00	23.29	172.72	3,125.92	-1,123.67	143.47	1,132.61	1.50	-1.50	0.00
3,500.00	21.79	172.72	3,218.28	-1,161.69	148.32	1,170.93	1.50	-1.50	0.00
Douglas Creek									
3,511.68	21.61	172.72	3,229.13	-1,165.98	148.87	1,175.25	1.50	-1.50	0.00
3,600.00	20.29	172.72	3,311.61	-1,197.30	152.87	1,206.82	1.50	-1.50	0.00
3,700.00	18.79	172.72	3,405.85	-1,230.47	157.11	1,240.25	1.50	-1.50	0.00



Great White Directional Services, LLC
 Planning Report



Database:	EDM 5000.1 EDMDBBW	Local Co-ordinate Reference:	Well LC Tribal 5-21D-56
Company:	Berry Petroleum Company	TVD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Project:	Duchesne Co., UT (UT27C)	MD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Site:	Sec.21-T5S-R6W	North Reference:	True
Well:	LC Tribal 5-21D-56	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
3,800.00	17.29	172.72	3,500.93	-1,261.18	161.03	1,271.21	1.50	-1.50	0.00
3,900.00	15.79	172.72	3,596.79	-1,289.42	164.63	1,299.67	1.50	-1.50	0.00
4,000.00	14.29	172.72	3,693.37	-1,315.15	167.92	1,325.61	1.50	-1.50	0.00
4,100.00	12.79	172.72	3,790.59	-1,338.37	170.88	1,349.01	1.50	-1.50	0.00
Upr Black Shale									
4,187.89	11.47	172.72	3,876.51	-1,356.69	173.22	1,367.47	1.50	-1.50	0.00
4,200.00	11.29	172.72	3,888.38	-1,359.06	173.52	1,369.86	1.50	-1.50	0.00
4,300.00	9.79	172.72	3,986.69	-1,377.20	175.84	1,388.14	1.50	-1.50	0.00
4,400.00	8.29	172.72	4,085.45	-1,392.78	177.83	1,403.85	1.50	-1.50	0.00
Castle Peak									
4,482.84	7.04	172.72	4,167.55	-1,403.74	179.23	1,414.90	1.50	-1.50	0.00
4,500.00	6.79	172.72	4,184.58	-1,405.79	179.49	1,416.96	1.50	-1.50	0.00
4,600.00	5.29	172.72	4,284.03	-1,416.22	180.82	1,427.48	1.50	-1.50	0.00
4,700.00	3.79	172.72	4,383.71	-1,424.07	181.82	1,435.39	1.50	-1.50	0.00
4,800.00	2.29	172.72	4,483.57	-1,429.32	182.49	1,440.68	1.50	-1.50	0.00
Uteland Butte Ls.									
4,849.35	1.55	172.72	4,532.89	-1,430.96	182.70	1,442.33	1.50	-1.50	0.00
4,900.00	0.79	172.72	4,583.53	-1,431.98	182.83	1,443.36	1.50	-1.50	0.00
Start 1364.00 hold at 4952.47 MD									
4,952.47	0.00	0.00	4,636.00	-1,432.34	182.88	1,443.73	1.50	-1.50	0.00
5,000.00	0.00	0.00	4,683.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
Wasatch									
5,089.48	0.00	0.00	4,773.01	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
5,100.00	0.00	0.00	4,783.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
5,200.00	0.00	0.00	4,883.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
5,300.00	0.00	0.00	4,983.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
5,400.00	0.00	0.00	5,083.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
5,500.00	0.00	0.00	5,183.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
5,600.00	0.00	0.00	5,283.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
5,700.00	0.00	0.00	5,383.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
5,800.00	0.00	0.00	5,483.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
5,900.00	0.00	0.00	5,583.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
6,000.00	0.00	0.00	5,683.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
6,100.00	0.00	0.00	5,783.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
6,200.00	0.00	0.00	5,883.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
CR-6									
6,266.48	0.00	0.00	5,950.01	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
6,300.00	0.00	0.00	5,983.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
TD at 6316.47 - LCT 5-21D Drlg Tgt - LCT 5-21D Tgt									
6,316.47	0.00	0.00	6,000.00	-1,432.34	182.88	1,443.73	0.00	0.00	0.00

Great White Directional Services, LLC
Planning Report



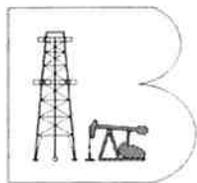
Database:	EDM 5000.1 EDMDBBW	Local Co-ordinate Reference:	Well LC Tribal 5-21D-56
Company:	Berry Petroleum Company	TVD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Project:	Duchesne Co., UT (UT27C)	MD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Site:	Sec.21-T5S-R6W	North Reference:	True
Well:	LC Tribal 5-21D-56	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

Design Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
- Shape									
LCT 5-21D Drig Tgt	0.00	0.00	6,000.00	-1,432.34	182.88	620,927.802	2,260,111.779	40° 2' 3.857 N	110° 34' 15.682 W
- plan hits target center									
- Circle (radius 100.00)									
LCT 5-21D Tgt	0.00	0.00	6,000.00	-1,602.94	174.86	620,757.128	2,260,105.530	40° 2' 2.171 N	110° 34' 15.785 W
- plan misses target center by 170.79usft at 6316.47usft MD (6000.00 TVD, -1432.34 N, 182.88 E)									
- Polygon									
Point 1			6,000.00	202.34	-192.03	620,957.46	2,259,911.41		
Point 2			6,000.00	200.11	-192.55	620,959.23	2,260,295.99		
Point 3			6,000.00	-202.08	190.98	620,557.04	2,260,298.60		
Point 4			6,000.00	-200.38	-191.50	620,554.77	2,259,916.12		
Point 5			6,000.00	202.35	-192.03	620,957.47	2,259,911.41		

Casing Points				
Measured Depth	Vertical Depth	Name	Casing Diameter	Hole Diameter
(usft)	(usft)		(")	(")
500.00	500.00	8 5/8" Csg.	8-5/8	11

Formations					
Measured Depth	Vertical Depth	Name	Lithology	Dip	Dip Direction
(usft)	(usft)			(°)	(°)
281.00	281.00	Green River		4.87	173.77
752.68	752.00	Green River Fouch Mkr		4.87	173.77
1,356.19	1,324.00	Mahogany		4.87	173.77
2,596.95	2,354.00	Tgr3 Mkr		4.87	173.77
3,511.68	3,129.00	Douglas Creek		4.87	173.77
4,187.89	3,760.00	Upr Black Shale		4.87	173.77
4,482.84	4,047.00	Castle Peak		4.87	173.77
4,849.35	4,410.00	Uteland Butte Ls.		4.87	173.77
5,089.48	4,650.00	Wasatch		4.87	173.77
6,266.48	5,827.00	CR-6		4.87	173.77

Plan Annotations				
Measured Depth	Vertical Depth	+N/-S	+E/-W	Comment
(usft)	(usft)	(usft)	(usft)	
600.00	600.00	0.00	0.00	Start Build 3.00
1,600.18	1,555.09	-253.90	32.42	Start 1351.92 hold at 1600.18 MD
2,952.10	2,725.82	-924.53	118.04	Start Drop -1.50
4,952.47	4,636.00	-1,432.34	182.88	Start 1364.00 hold at 4952.47 MD
6,316.47	6,000.00	-1,432.34	182.88	TD at 6316.47



Berry Petroleum Company

Duchesne Co., UT (UT27C)

Sec.21-T5S-R6W

LC Tribal 5-21D-56

Wellbore #1

Design #2

Anticollision Report

20 January, 2011

CONFIDENTIAL



Great White Directional Services, LLC
Anticollision Report



Company:	Berry Petroleum Company	Local Co-ordinate Reference:	Well LC Tribal 5-21D-56
Project:	Duchesne Co., UT (UT27C)	TVD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Reference Site:	Sec.21-T5S-R6W	MD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	LC Tribal 5-21D-56	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.1 EDMDBBW
Reference Design:	Design #2	Offset TVD Reference:	Offset Datum

Reference	Design #2
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria
Interpolation Method:	Stations
Depth Range:	Unlimited
Results Limited by:	Maximum center-center distance of 9,999.98 usft
Warning Levels Evaluated at:	2.00 Sigma
Error Model:	ISCWSA
Scan Method:	Closest Approach 3D
Error Surface:	Elliptical Conic
Casing Method:	Not applied

Survey Tool Program	Date	01/20/11
From (usft)	To (usft)	Survey (Wellbore)
0.00	6,316.47	Design #2 (Wellbore #1)
Tool Name	Description	
MWD	MWD - Standard	

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Sec.21-T5S-R6W						
LC Tribal 3-21D-56 - Wellbore #1 - Design #2	600.00	600.00	20.10	17.66	8.234	CC, ES
LC Tribal 3-21D-56 - Wellbore #1 - Design #2	700.00	699.11	23.00	20.15	8.074	SF

Offset Design												Sec.21-T5S-R6W - LC Tribal 3-21D-56 - Wellbore #1 - Design #2	Offset Site Error:	0.00 usft
Survey Program:												0-MWD	Offset Well Error:	0.00 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Semi Major Axis Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	0.00	0.00	63.07	9.10	17.92	20.10					
100.00	100.00	100.00	100.00	0.10	0.10	63.07	9.10	17.92	20.10	19.90	0.19	103.975		
200.00	200.00	200.00	200.00	0.32	0.32	63.07	9.10	17.92	20.10	19.46	0.64	31.265		
300.00	300.00	300.00	300.00	0.55	0.55	63.07	9.10	17.92	20.10	19.01	1.09	18.399		
400.00	400.00	400.00	400.00	0.77	0.77	63.07	9.10	17.92	20.10	18.56	1.54	13.035		
500.00	500.00	500.00	500.00	1.00	1.00	63.07	9.10	17.92	20.10	18.11	1.99	10.092		
600.00	600.00	600.00	600.00	1.22	1.22	63.07	9.10	17.92	20.10	17.66	2.44	8.234 CC, ES		
700.00	699.95	699.11	699.06	1.42	1.43	-111.59	8.54	20.43	23.00	20.15	2.85	8.074 SF		
800.00	799.63	797.68	797.33	1.61	1.64	-115.21	6.88	27.90	31.77	28.52	3.25	9.772		
900.00	898.77	895.22	894.04	1.83	1.88	-118.09	4.16	40.15	46.47	42.75	3.71	12.517		
1,000.00	997.08	991.23	988.50	2.12	2.17	-119.84	0.43	56.90	66.99	62.74	4.25	15.752		
1,100.00	1,094.31	1,085.29	1,080.08	2.49	2.53	-120.77	-4.21	77.78	93.16	88.27	4.89	19.046		
1,200.00	1,190.18	1,177.00	1,168.26	2.96	2.95	-121.17	-9.68	102.36	124.78	119.14	5.64	22.115		
1,300.00	1,284.43	1,266.04	1,252.62	3.52	3.45	-121.20	-15.86	130.14	161.62	155.10	6.51	24.821		
1,400.00	1,376.81	1,352.16	1,332.87	4.18	4.02	-120.96	-22.64	160.64	203.41	195.92	7.50	27.134		
1,500.00	1,467.06	1,435.15	1,408.78	4.94	4.65	-120.51	-29.91	193.34	249.91	241.32	8.59	29.088		
1,600.18	1,555.09	1,515.01	1,480.40	5.80	5.33	-119.87	-37.58	227.82	300.93	291.13	9.79	30.725		
1,700.00	1,641.53	1,591.94	1,547.94	6.72	6.07	-120.38	-45.57	263.77	354.80	343.69	11.11	31.944		
1,800.00	1,728.13	1,674.60	1,619.53	7.66	6.92	-120.51	-54.54	304.10	409.85	397.34	12.51	32.755		
1,900.00	1,814.72	1,758.07	1,691.82	8.60	7.79	-120.60	-63.61	344.85	464.92	450.97	13.95	33.326		
2,000.00	1,901.32	1,841.54	1,764.10	9.55	8.68	-120.68	-72.67	385.59	519.99	504.58	15.41	33.745		
2,100.00	1,987.92	1,925.01	1,836.39	10.51	9.57	-120.74	-81.73	426.34	575.06	558.17	16.88	34.059		
2,200.00	2,074.52	2,008.48	1,908.67	11.48	10.47	-120.79	-90.79	467.08	630.13	611.76	18.37	34.300		
2,300.00	2,161.11	2,091.95	1,980.95	12.44	11.36	-120.84	-99.85	507.83	685.20	665.33	19.87	34.487		
2,400.00	2,247.71	2,175.42	2,053.24	13.41	12.29	-120.87	-108.91	548.57	740.27	718.89	21.37	34.636		

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation



Great White Directional Services, LLC
Anticollision Report



Company:	Berry Petroleum Company	Local Co-ordinate Reference:	Well LC Tribal 5-21D-56
Project:	Duchesne Co., UT (UT27C)	TVD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Reference Site:	Sec.21-T5S-R6W	MD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	LC Tribal 5-21D-56	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2,00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.1 EDMDBBW
Reference Design:	Design #2	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: O-MWD													Offset Well Error:	0.00 usft
Reference													Warning	
Measured Depth (usft)	Vertical Depth (usft)	Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance		Minimum Separation (usft)	Separation Factor		
		Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/S (usft)	+E/W (usft)	Between Centres (usft)	Between Ellipses (usft)				
2,500.00	2,334.31	2,258.89	2,125.52	14.38	13.20	-120.90	-117.97	589.31	795.34	772.45	22.88	34.756		
2,600.00	2,420.91	2,342.36	2,197.81	15.35	14.11	-120.93	-127.04	630.06	850.41	826.01	24.40	34.854		
2,700.00	2,507.50	2,425.83	2,270.09	16.33	15.03	-120.95	-136.10	670.80	905.48	879.56	25.92	34.936		
2,800.00	2,594.10	2,509.30	2,342.37	17.30	15.94	-120.97	-145.16	711.55	960.55	933.10	27.44	35.003		
2,900.00	2,680.70	2,592.77	2,414.66	18.28	16.86	-120.99	-154.22	752.29	1,015.62	986.65	28.97	35.061		
2,952.10	2,725.82	2,636.26	2,452.32	18.78	17.34	-121.00	-158.94	773.52	1,044.31	1,014.55	29.76	35.087		
3,000.00	2,767.45	2,676.32	2,487.02	19.19	17.78	-121.40	-163.29	793.08	1,070.56	1,040.06	30.49	35.108		
3,100.00	2,855.29	2,760.50	2,559.91	19.89	18.71	-122.10	-172.43	834.16	1,124.51	1,092.59	31.92	35.230		
3,200.00	2,944.36	2,854.86	2,641.85	20.58	19.65	-122.64	-182.59	879.85	1,177.09	1,143.75	33.36	35.299		
3,300.00	3,034.59	2,958.48	2,733.04	21.26	20.57	-123.11	-193.27	927.87	1,227.37	1,192.61	34.76	35.310		
3,400.00	3,125.92	3,064.77	2,827.93	21.90	21.47	-123.54	-203.66	974.61	1,275.15	1,239.00	36.15	35.276		
3,500.00	3,218.28	3,173.68	2,926.51	22.52	22.35	-123.93	-213.71	1,019.81	1,320.33	1,282.83	37.50	35.208		
3,600.00	3,311.61	3,285.16	3,028.74	23.12	23.19	-124.29	-223.37	1,063.21	1,362.82	1,324.01	38.81	35.117		
3,700.00	3,405.85	3,399.13	3,134.54	23.68	23.99	-124.62	-232.56	1,104.56	1,402.53	1,362.47	40.06	35.008		
3,800.00	3,500.93	3,515.49	3,243.81	24.20	24.74	-124.93	-241.24	1,143.57	1,439.37	1,398.12	41.25	34.892		
3,900.00	3,596.79	3,634.11	3,356.41	24.70	25.43	-125.21	-249.33	1,179.97	1,473.25	1,430.88	42.37	34.770		
4,000.00	3,693.37	3,754.86	3,472.17	25.16	26.08	-125.47	-256.79	1,213.51	1,504.10	1,460.69	43.42	34.644		
4,100.00	3,790.59	3,877.57	3,590.85	25.58	26.66	-125.71	-263.55	1,243.91	1,531.84	1,487.46	44.39	34.517		
4,200.00	3,888.38	4,002.06	3,712.21	25.96	27.19	-125.94	-269.56	1,270.84	1,556.39	1,511.14	45.26	34.390		
4,300.00	3,986.69	4,128.12	3,835.96	26.31	27.64	-126.15	-274.77	1,294.36	1,577.70	1,531.67	46.04	34.270		
4,400.00	4,085.45	4,255.53	3,961.78	26.61	28.03	-126.34	-279.13	1,313.97	1,595.72	1,548.99	46.72	34.151		
4,500.00	4,184.58	4,384.07	4,089.31	26.88	28.35	-126.53	-282.61	1,329.59	1,610.38	1,563.07	47.32	34.033		
4,600.00	4,284.03	4,513.46	4,218.16	27.11	28.61	-126.70	-285.16	1,341.07	1,621.67	1,573.86	47.81	33.916		
4,700.00	4,383.71	4,643.47	4,347.95	27.30	28.80	-126.87	-286.77	1,348.31	1,629.55	1,581.34	48.21	33.802		
4,800.00	4,483.57	4,773.81	4,478.25	27.45	28.93	-127.03	-287.42	1,351.24	1,633.99	1,585.48	48.51	33.685		
4,900.00	4,583.53	4,879.09	4,583.53	27.56	29.01	-127.13	-287.44	1,351.31	1,635.64	1,586.92	48.72	33.574		
4,952.47	4,636.00	4,931.56	4,636.00	27.60	29.04	45.58	-287.44	1,351.31	1,635.86	1,587.05	48.81	33.518		
5,000.00	4,683.53	4,979.09	4,683.53	27.64	29.08	45.58	-287.44	1,351.31	1,635.86	1,586.97	48.88	33.464		
5,100.00	4,783.53	5,079.09	4,783.53	27.71	29.15	45.58	-287.44	1,351.31	1,635.86	1,586.80	49.05	33.350		
5,200.00	4,883.53	5,179.09	4,883.53	27.78	29.23	45.58	-287.44	1,351.31	1,635.86	1,586.63	49.22	33.234		
5,300.00	4,983.53	5,279.09	4,983.53	27.86	29.30	45.58	-287.44	1,351.31	1,635.86	1,586.46	49.40	33.116		
5,400.00	5,083.53	5,379.09	5,083.53	27.94	29.38	45.58	-287.44	1,351.31	1,635.86	1,586.28	49.58	32.997		
5,500.00	5,183.53	5,479.09	5,183.53	28.02	29.46	45.58	-287.44	1,351.31	1,635.86	1,586.10	49.76	32.877		
5,600.00	5,283.53	5,579.09	5,283.53	28.10	29.54	45.58	-287.44	1,351.31	1,635.86	1,585.91	49.94	32.755		
5,700.00	5,383.53	5,679.09	5,383.53	28.18	29.62	45.58	-287.44	1,351.31	1,635.86	1,585.73	50.13	32.632		
5,800.00	5,483.53	5,779.09	5,483.53	28.27	29.71	45.58	-287.44	1,351.31	1,635.86	1,585.54	50.32	32.508		
5,900.00	5,583.53	5,879.09	5,583.53	28.35	29.79	45.58	-287.44	1,351.31	1,635.86	1,585.34	50.52	32.383		
6,000.00	5,683.53	5,979.09	5,683.53	28.44	29.88	45.58	-287.44	1,351.31	1,635.86	1,585.14	50.71	32.256		
6,100.00	5,783.53	6,079.09	5,783.53	28.53	29.97	45.58	-287.44	1,351.31	1,635.86	1,584.94	50.92	32.129		
6,200.00	5,883.53	6,179.09	5,883.53	28.62	30.06	45.58	-287.44	1,351.31	1,635.86	1,584.74	51.12	32.000		
6,300.00	5,983.53	6,279.09	5,983.53	28.71	30.15	45.58	-287.44	1,351.31	1,635.86	1,584.53	51.33	31.871		
6,316.47	6,000.00	6,295.56	6,000.00	28.72	30.17	45.58	-287.44	1,351.31	1,635.86	1,584.49	51.36	31.850		

Great White Directional Services, LLC
Anticollision Report



Company:	Berry Petroleum Company	Local Co-ordinate Reference:	Well LC Tribal 5-21D-56
Project:	Duchesne Co., UT (UT27C)	TVD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Reference Site:	Sec.21-T5S-R6W	MD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	LC Tribal 5-21D-56	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.1 EDMDBBW
Reference Design:	Design #2	Offset TVD Reference:	Offset Datum

Reference Depths are relative to WELL @ 6676.00usft (Berry Rig 5) Coordinates are relative to: LC Tribal 5-21D-56
 Offset Depths are relative to Offset Datum Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302
 Central Meridian is 111° 30' 0.000 W Grid Convergence at Surface is: 0.59°



RECEIVED: Jul. 11, 2011

Great White Directional Services, LLC
Anticollision Report



Company:	Berry Petroleum Company	Local Co-ordinate Reference:	Well LC Tribal 5-21D-56
Project:	Duchesne Co., UT (UT27C)	TVD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Reference Site:	Sec.21-T5S-R6W	MD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	LC Tribal 5-21D-56	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.1 EDMDBBW
Reference Design:	Design #2	Offset TVD Reference:	Offset Datum

Reference Depths are relative to WELL @ 6676.00usft (Berry Rig 5)
Offset Depths are relative to Offset Datum
Central Meridian is 111° 30' 0.000 W

Coordinates are relative to: LC Tribal 5-21D-56
Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302
Grid Convergence at Surface is: 0.59°

Separation Factor Plot



LEGEND

▲ LC Tribal 3-21D-56, Wellbore #1, Design #2 V0

SURFACE DAMAGE AND RIGHT-OF-WAY SETTLEMENT AGREEMENT

KNOW ALL MEN BY THESE PRESENTS, THAT:

WHEREAS, Larry Fogel whose address is 280 Addison Circle, Fowlerville, MI 48836-7705 (hereinafter referred to as GRANTOR, whether one or more), is the owner of the surface of the following described property located in Duchesne County, Utah, to-wit:

TOWNSHIP 5 SOUTH, RANGE 6 WEST, USM
Section 21: SW/4 NW/4

See Exhibit "A" Attached hereto

and Berry Petroleum Company, whose address is 1999 Broadway, Suite 3700, Denver Colorado, 80202 (hereinafter referred to as GRANTEE), owns leases covering oil, gas and mineral rights in, under and upon said property; and

WHEREAS, Grantee desires to construct and maintain a well site, an access road and a pipeline or pipelines and appurtenances thereto on a portion of said property.

NOW THEREFORE, for in consideration of the sum of ten dollars (\$10.00) and other good and valuable considerations, the receipt and sufficiency of which is hereby acknowledged, Grantor does hereby grant, sell and convey unto Grantee, its successors and assigns, the easement and right to use that portion of the herein above described property as may be necessary to construct, use, maintain a well site for the drilling, completion and operation of an oil & gas well (including but not limited to pumping facilities and tank battery) and to construct, entrench, maintain, operate, replace, remove, protect, or abandon a pipeline or pipelines for water or gas with appurtenances thereto, including, but not limited to, valves, metering equipment, and cathodic equipment; to construct, maintain, relocate, or abandon a road (said well site, pipelines, appurtenance, valves, metering equipment, cathodic equipment and road being sometimes collectively call the "facilities") over, under, and through the hereinafter described land as described in the attached Exhibit "A".

Grantor acknowledges the receipt and sufficiency of the above described consideration as payment for all damages to Grantor's trees, timber, growing crops, and other vegetation being cultivated on said land by the undersigned or their respective lessees, tenants or assigns caused by the construction, maintenance, protection, repair, replacement or removal of the facilities as described in the attached exhibits and agrees that the payment and acceptance of the consideration set forth above is in full and complete payment, settlement, compromise and satisfaction of any and all of the above-mentioned losses, liabilities, claims, damages, demands and causes of action for any and all injuries and damage to the surface of the land hereinbelow described and to any appurtenances or improvements thereon, and for any and all claims including but not limited to loss of potential rental income, damages to and/or loss of livestock and wildlife, arising directly or indirectly in connection with the operations thereon by Grantee, its employees, agents, contractors, or subcontractors in connection with the above-mentioned operations of Grantee.

Grantee shall have the free right of ingress and egress to, over, upon, through and across said right-of-way and easement for any and all purposes that may be necessary or incidental to the maintenance of the right-of-way and easement, with the right to use existing roads which enter Grantor's property for the purpose of constructing, inspecting, repairing and maintaining the facilities and the removal or replacement of same at will, either in whole or in part, and the replacement of said pipeline or pipelines with either like or different size pipe. During temporary periods, Grantee may use such portions of the property along and adjacent to said right-of-way as may be necessary in connection with construction, maintenance, repair, removal or replacement of the facilities and if such use cause any damages to Grantor's lands outside of the above described right-of-way, Grantee shall pay Grantor for such damages.

Grantor reserves the right to the use and enjoyment of said property except for the purposes herein granted, but such use shall not hinder conflict or interfere with Grantee's surface or subsurface rights hereunder or disturb its facilities. No road, reservoir, excavation, obstruction or structure shall be constructed, created or maintained on, over, along or within the lands covered by this right-of-way without Grantee's prior written consent.

If Grantee desires to remove any trees adjacent to said right-of-way at a later date which may be hazardous to the maintenance and use of the facilities on the right-of-way, Grantee shall first obtain approval from Grantor in writing, Grantor's approval not to be unreasonably withheld, and after receipt of such approval, may proceed to cut and remove such trees subject to payment of additional timber damages, if any are determined.

The undersigned Grantor hereby covenants and warrants that he is the surface owner of the above-described land, and has the right to enter into this Agreement.

FOR THE SAME CONSIDERATION RECITED ABOVE, Grantor and Grantee do hereby release, discharge and acquit the other from any and all liability, and shall indemnify the other against any and all claims and demands for damages, attorneys fees, injury or loss, existing now or done hereafter, to the surface of said lands or to any third parties arising out of or being the result of their or, their agents, contractors, licensees, permittees, successors and assigns own activities on or use of the subject property. However, such parties' potential liability under this paragraph to the other shall be limited to the acts and/or omission of it, or its predecessors, agents, contractors, licensees, permittees, successors, and assigns, and shall not include any acts and/or omissions of the other party, its agents, contractors, licensees, permittees, successors or assigns. Grantee shall reasonably maintain the subject property in order to prevent unnecessary deterioration of the surface and to keep the property in an uncluttered condition.

TO HAVE AND TO HOLD the above described rights and easements, together with all rights necessary to operate and maintain the facilities over the right-of-way hereby granted unto the said Grantee, its successors and assigns, until such time as the right-of-way and easement is abandoned under the terms stipulated herein. The Grantee may assign the rights and easements herein granted, either in whole or in part, subject to the terms of this grant, and such rights and easements shall be covenants running with the land and are binding upon Grantor, Grantor's heirs, legal representatives and successors in title. Upon abandonment, at the request of the Grantor, Grantee shall execute and deliver to Grantor a document in recordable form evidencing said abandonment. Also, upon abandonment, at the request of the Grantor, Grantee shall restore the surface used under the terms of this Agreement to as near its original condition as is possible.

The making, execution and delivery of this document by Grantor has been induced by no representations, statements, warranties, or other agreements other than those herein expressed. This agreement embodies the entire understanding of the parties, and this instrument may be amended or modified only by subsequent written agreement of the parties.

Grantee shall maintain all roads used pursuant to this Agreement and shall install culverts where necessary to insure adequate drainage from all roads. Grantee shall also install cattle guards where the roads go thru fences, if any.

This agreement shall inure to the benefit of the parties hereto, their heirs, successors, and assigns and shall be a burden running with the land.

IN WITNESS WHEREOF, the parties have executed this Surface Damage and Right-of-Way Settlement Agreement effective as of the 2 day of May, 2011.

GRANTOR

By: Larry Fogel
Larry Fogel

STATE OF MI §

§
COUNTY OF Livingston §

BEFORE ME, the undersigned, a Notary Public, in and for said County and State on this 2 day of May, 2011, Larry Fogel personally appeared to me known to be the identical person(s) described in and who executed the within and foregoing instrument of writing and acknowledged to me that he duly executed the same as his free and voluntary act and deed for the purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

Ronda T. Baibak
Notary Public

My Commission Expires: _____
RONDA T. BAIBAK
Notary Public Livingston County, MI
My Commission Expires 11-11-2015
Acting in Livingston County

CONFIDENTIAL

Section 21
(Set Marked Stone)

5255.55' (Measured)
S8915'29"E (Basis of Bearings)

Section Line

BERRY PETROLEUM COMPANY

PROPOSED CORRIDOR RIGHT-OF-WAY & DISTURBANCE BOUNDARY

For the LC Tract 3-21D-56 & 5-21D-56 Well Pad

Located in the NW 1/4 of Section 21, T5S, R6W, U.S.B.&M. Duchesne County, Utah

END OF PROPOSED CORRIDOR RIGHT-OF-WAY STA. 1+88.28
(At Existing Pipeline)

CORNER IN NOTE:
End Sta. 1+88.28 bears S81°27'09"E 603.40' from the Northwest Corner of Section 21.

Northwest Corner
Section 21
(Set Marked Stone)

U.S.B.&M.

PROPOSED DISTURBANCE BOUNDARY DESCRIPTION
BEGINNING AT A POINT IN THE NW 1/4 NW 1/4 OF SECTION 21, T5S, R6W, U.S.B.&M. WHICH BEARS S89°15'47"E 795.09' FROM THE NORTHWEST CORNER OF SAID SECTION, THENCE S62°56'46"W 314.09'; THENCE N89°47'42"W 70.76'; THENCE N27°12'14"W 132.31'; THENCE N47°18'26"W 65.27'; THENCE N07°39'29"E 99.58'; THENCE N81°34'38"E 40.61'; THENCE S65°37'20"E 63.10'; THENCE N56°42'35"E 124.28'; THENCE S84°50'30"E 50.40'; THENCE N63°41'01"E 97.87'; THENCE S27°26'32"E 231.36' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS THE NORTH LINE OF SECTION 21 WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR S89°35'25"E A MEASURED DISTANCE OF 5255.55'. CONTAINS 2.216 ACRES MORE OR LESS.

RIGHT-OF-WAY LENGTH - Fogal	
Section 21 Total	= 188.28'

Fogal
NW 1/4 NW 1/4

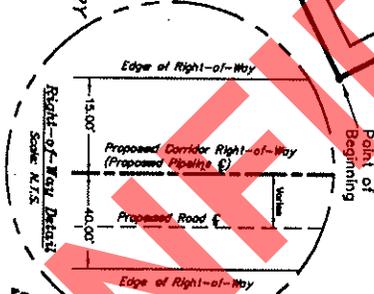
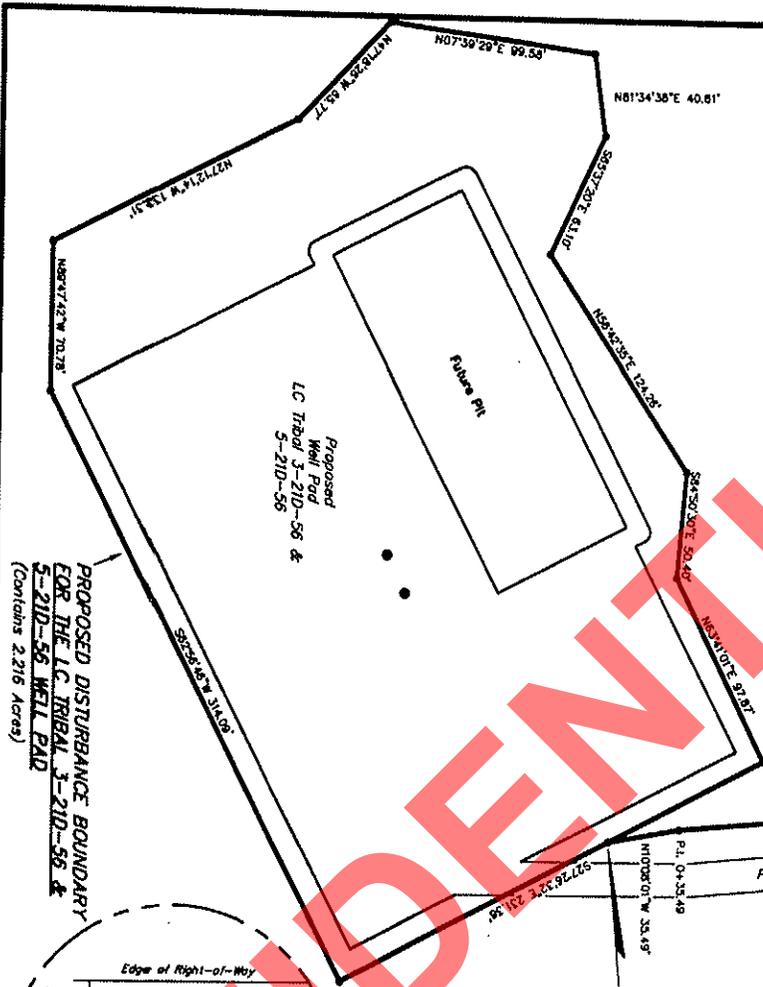


BEGINNING OF PROPOSED CORRIDOR RIGHT-OF-WAY STA. 0+00
(At Proposed Disturbance Boundary for LC Tract 3-21D-56 & 5-21D-56 Well Pad)

CORNER IN NOTE:
Begin Sta. 0+00 bears S55°48'17"E 675.47' from the Northwest Corner of Section 21.

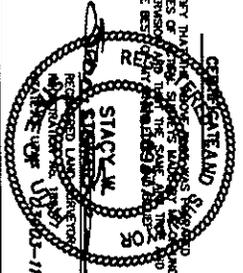
CORNER IN NOTE:
The Point of Beginning (Southeast Corner) of the Proposed Disturbance Boundary bears S59°15'47"E 795.09' from the Northwest Corner of Section 21.

PROPOSED CORRIDOR RIGHT-OF-WAY DESCRIPTION
A 55' WIDE CORRIDOR RIGHT-OF-WAY LOCATED IN SECTION 21, T5S, R6W, U.S.B.&M. THE WIDTH OF SAID RIGHT-OF-WAY BEING 40' ON THE RIGHT SIDE AND 15' ON THE LEFT SIDE OF THE CENTERLINE. THE CENTERLINE OF SAID RIGHT-OF-WAY BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
BEGINNING AT A POINT IN THE NW 1/4 NW 1/4 OF SECTION 21, T5S, R6W, U.S.B.&M. WHICH BEARS S85°48'17"E 675.47' FROM THE NORTHWEST CORNER OF SAID SECTION, THENCE N10°08'01"W 35.49'; THENCE N04°37'15"W 152.79' TO A POINT IN THE SAID NW 1/4 NW 1/4 OF SECTION 21 WHICH BEARS S81°27'09"E 603.40' FROM THE SAID NORTHWEST CORNER OF SECTION 21. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANATOR'S PROPERTY LINES. BASIS OF BEARINGS IS THE NORTH LINE OF SECTION 21 WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR S89°35'25"E A MEASURED DISTANCE OF 5255.55'. CONTAINS 0.238 ACRES MORE OR LESS.



SURVEYED BY: SM
DRAWN BY: L.C.S.
DATE: 03-03-11
SCALE: 1" = 60'
FILE: 11-0019

Tri State Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. - VERNAL, UTAH 840



THIS IS TO CERTIFY THAT THE ABOVE DESCRIBED DISTURBANCE BOUNDARY AND CORRIDOR RIGHT-OF-WAY WAS SURVEYED AND PLANNED BY ME AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

RECEIVED



Berry Petroleum Company

Brundage Canyon Field

4000 South 4028 West

Rt. 2 Box 7755

Roosevelt, UT 84066

Ph: (435) 722-1325

Fax: (435) 722-1321

www.bry.com

January 24, 2011

State of Utah
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, UT 84115-5801

Re: Directional Drilling R649-3-11
LC Tribal 5-21D-56 382 FNL, 479' FWL (NWNW) (surface)
1,813' FNL, 660' FWL (SWNW) (bottomhole)
Section 21, T5S-R6W
Duchesne, County, Utah

Pursuant to the filing of Berry Petroleum's Application for Permit to Drill regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to the Exception to Location and Siting of Wells.

- The LC Tribal 5-21D-56 well is to be located within the Lake Canyon Field Area.
- Berry is locating the well at the surface location and directionally drilling from this location to minimize surface disturbance and Berry will be able to utilize the existing road and pipelines in the area.
- Furthermore, Berry hereby certifies that it is the sole working interest owner with 460 feet of the entire directional well bore and the remainder of the Ute Tribal section.

Therefore, based on the above stated information Berry Petroleum Company requests the permit be granted pursuant to R649-3-11.

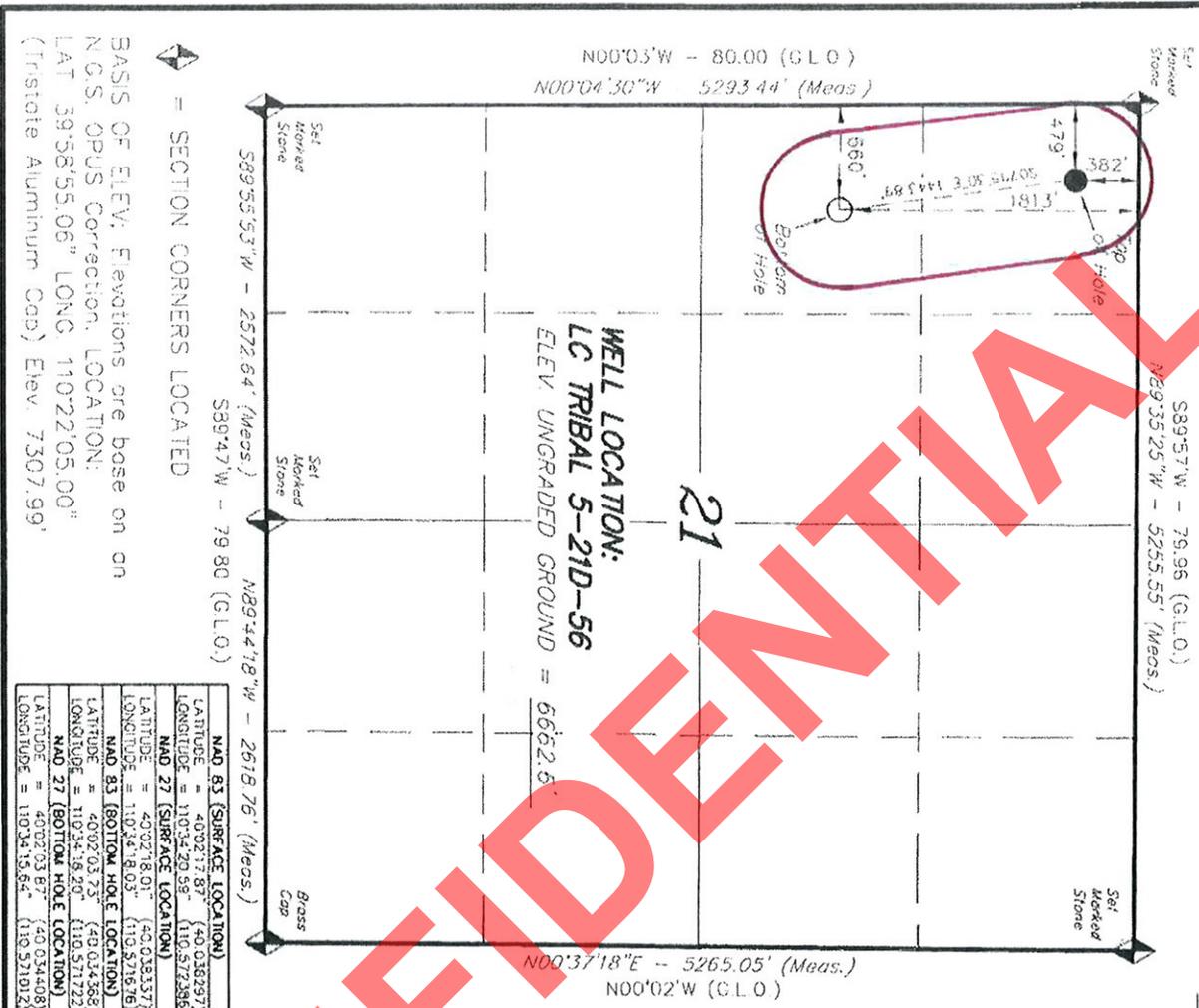
Respectfully Submitted,

Kathy Fieldsted
Sr. Regulatory & Permitting Technician

T5S, R6W, U.S.B.&M.

BERRY PETROLEUM COMPANY

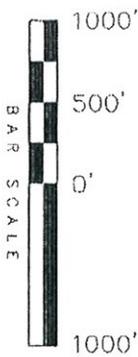
WELL LOCATION, LC TRIBAL 5-21D-56,
 LOCATED AS SHOWN IN THE NW 1/4 NW
 1/4 OF SECTION 21, T5S, R6W,
 U.S.B.&M. DUCHESNE COUNTY, UTAH.



WELL LOCATION:
LC TRIBAL 5-21D-56
 ELEV UNGRADED GROUND = 6662.6'

SECTION CORNERS LOCATED
 BASIS OF ELEV: Elevations are based on on
 N.C.S. OPUS Correction. LOCATION:
 LAT 39°58'55.06" LONG 110°22'05.00"
 (Tristate Aluminum Cap) Elev. 7307.99'

NAO 83 (SURFACE LOCATION)	LATITUDE = 40°02'17.87" (40.038297)
	LONGITUDE = 110°34'29.58" (110.572886)
NAO 27 (SURFACE LOCATION)	LATITUDE = 40°02'18.01" (40.038337)
	LONGITUDE = 110°34'18.03" (110.571616)
NAO 83 (BOTTOM HOLE LOCATION)	LATITUDE = 40°02'03.73" (40.034288)
	LONGITUDE = 110°34'18.20" (110.571723)
NAO 27 (BOTTOM HOLE LOCATION)	LATITUDE = 40°02'03.87" (40.034408)
	LONGITUDE = 110°34'19.64" (110.571912)



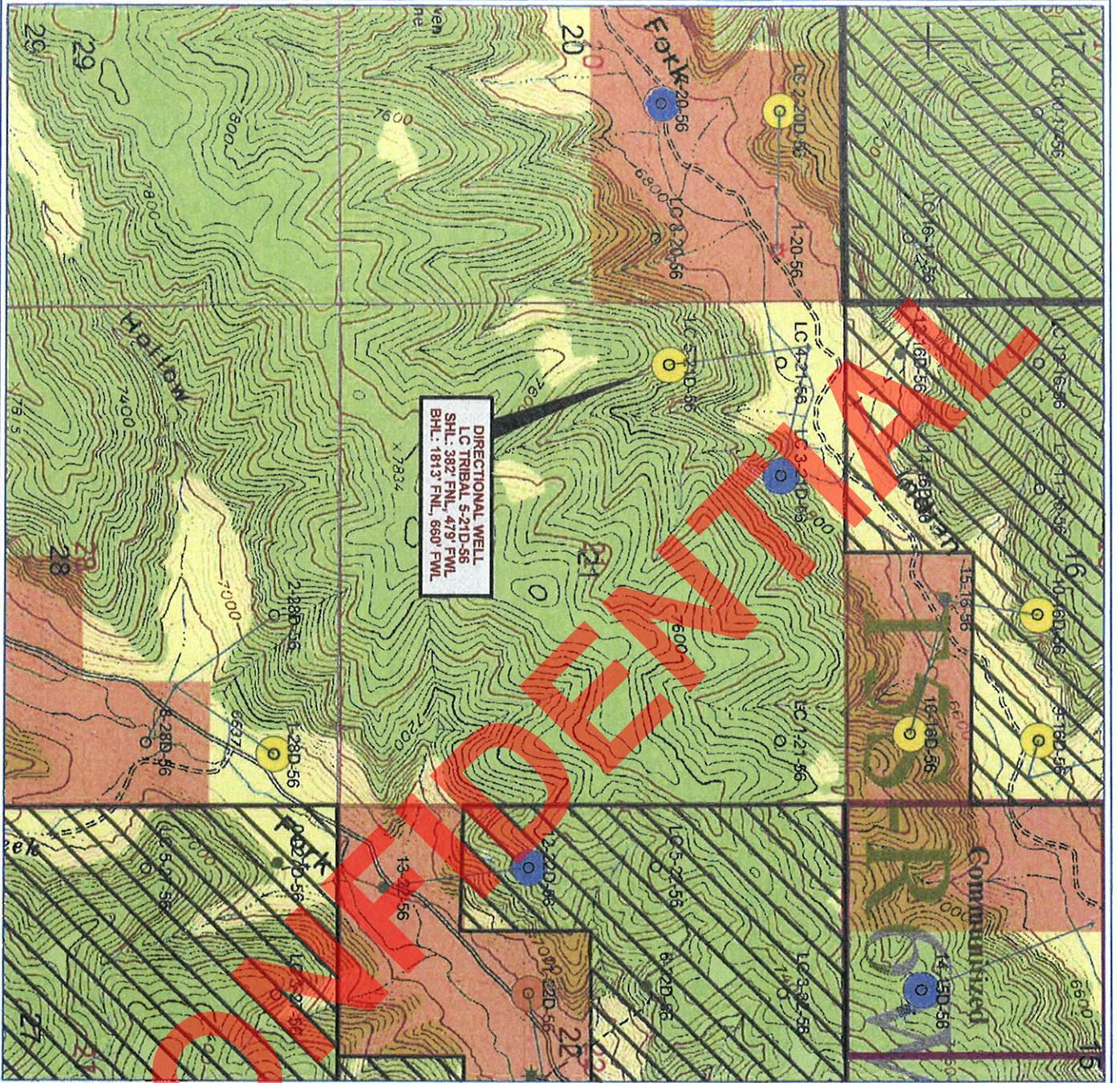
- NOTES:**
1. Well footages are measured at right angles to the Section Lines.
 2. Bearings are based on Global Positioning Satellite observations.



THIS IS TO CERTIFY THAT THE ABOVE FOOT WAS
 PREPARED FROM FIELD MEASUREMENTS AND SURVEYS
 MADE BY ME OR UNDER MY SUPERVISION AND THAT
 THE SAME ARE TRUE AND CORRECT TO THE BEST
 OF MY KNOWLEDGE AND BELIEF.
 STACY W. STEWART
 REGISTERED LAND SURVEYOR
 STATE OF UTAH
 LICENSE NO. 189377



TRI STATE LAND SURVEYING & CONSULTING	
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
DATE SURVEYED: 8-10-10	SURVEYED BY: S.H.
DATE DRAWN: 12-07-10	DRAWN BY: M.W.
REVISED: L.C.S. 01-25-11	SCALE: 1" = 1000'



DIRECTIONAL WELL
 LC TRIBAL 5-21D-56
 SHL: 382 FNL, 479 FNL
 BHL: 1813 FNL, 660 FNL



BERRY PETROLEUM COMPANY

Lake Canyon Project

LC Tribal 5-21D-56

Directional Drilling Location Plat

Sec. 21 T8S R6W - Duchesne Co, UT



ATTRIBUTE MAP

- Approved
- WO Arch
- WO BIA
- WO Onsite
- WO Plats
- WO State
- WO Sur Agmt
- WO Survey
- Working on APD

WELL SYMBOLS

- Gas Well
- Location Only
- Oil & Gas Well
- Oil Well

January 24, 2011



Berry Petroleum Company

Brundage Canyon Field

4000 South 4028 West
Rt. 2 Box 7755
Roosevelt, UT 84066

Ph: (435) 722-1325

Fax: (435) 722-1321

www.bry.com

January 24, 2011

State of Utah
Division of Oil, Gas, and Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

Re: Oil and Gas Conservation General Rules
R649-3-3 Exception to Location and Siting of Wells.
LC TRIBAL 5-21D-56

Gentlemen:

Berry Petroleum Company is proposing to drill a development well in the Lake Canyon Field, Duchesne County, Utah. The well is located on lands within the Uintah and Ouray Ute Indian Reservation. A copy of the Federal Application for Permit to Drill (APD) is attached for your review. This APD has been submitted to the Bureau of Land Management (BLM) in Vernal and the Bureau of Indian Affairs (BIA) at Ft. Duchesne.

As shown on the attached staking plat, the LC Tribal 5-21D-56 well is a directional well in which only the upper part of the objective section (uppermost Douglas Creek) falls outside of the allowed standard well spacing (R649-3-2). Berry is requesting an exception to the spacing requirement per regulation R649-3-3 since Berry was unable to locate the proposed well within the allowed spacing "window" due to topographic constraints. To maintain orderly 40 acre spacing and efficient well drainage the well had to be drilled as a directional well from the proposed LC Tribal 5-21D-56 surface location. The rather long reach required of the well forced only the uppermost part of the Douglas Creek objective section to be placed outside of the spacing "window".

In accordance with R649-3-3, Berry is providing a copy of the staking plat showing the proposed location in relation to the allowed spacing "window" and all tracts contacted by a circle with a radius of 460'. A second plat is also attached showing the actual or recently proposed location for all direct or diagonal offsetting wells. As to the 460' radius circle, Berry is also the operator of the adjacent SW1/4 of Section 21.

Berry is requesting approval of this excepted location as proposed. If additional information is required, please contact Dan Anderson at (303) 999-4400.

Sincerely,

Kathy Fieldsted
Sr. Regulatory & Permitting Technician

T5S, R6W, U.S.B.&M.

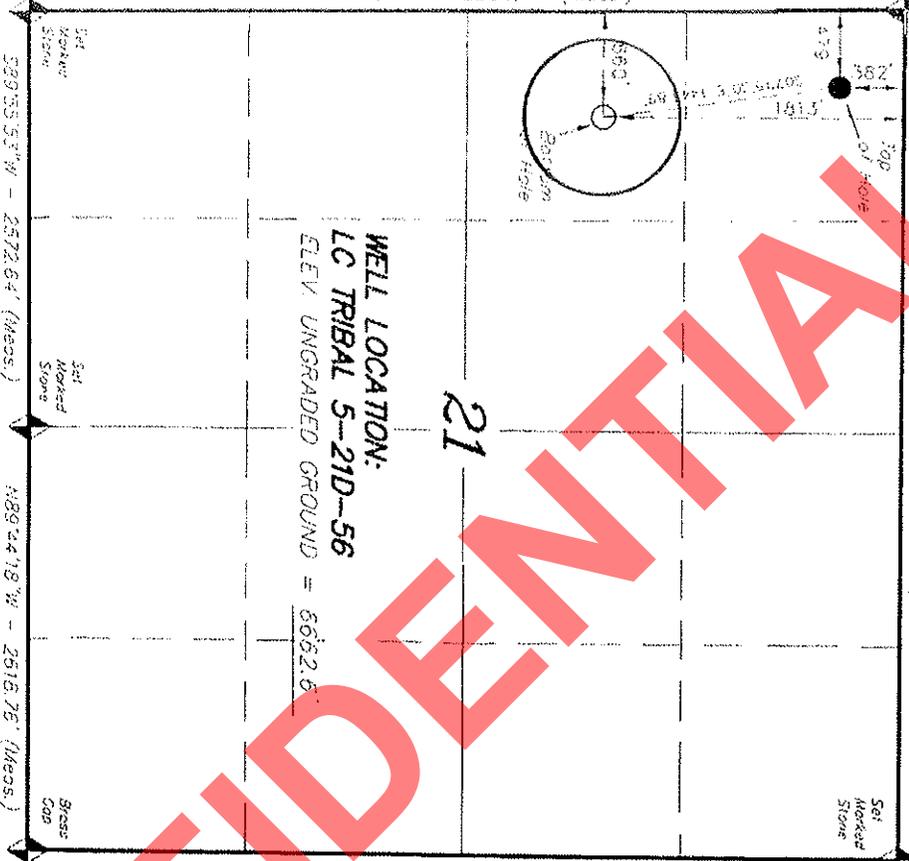
BERRY PETROLEUM COMPANY

WELL LOCATION, LC TRIBAL 5-21D-56,
 LOCATED AS SHOWN IN THE NW 1/4 NW
 1/4 OF SECTION 21, T5S, R6W,
 U.S.B.&M. DUCHESNE COUNTY, UTAH.

N00°33'W - 80.00 (G.L.O.)
 N00°04'30"W - 5293.44' (Meas.)

S89°57'W - 79.96 (G.L.O.)
 N89°35'25"W - 5235.55' (Meas.)

N00°37'18"E - 5265.05' (Meas.)
 N00°02'W (G.L.O.)



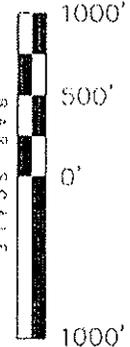
WELL LOCATION:
LC TRIBAL 5-21D-56
 ELEV UNGRADED GROUND = 6662.6'

21

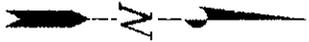
SECTION CORNERS LOCATED

BASIS OF ELEV. Elevations are based on
 N.C.S. OPUS Correction LOCATION:
 LAT. 39°56'55.06" LONG. 110°22'05.00"
 (Frisco Aluminum Corp) Elev. 7307.99'

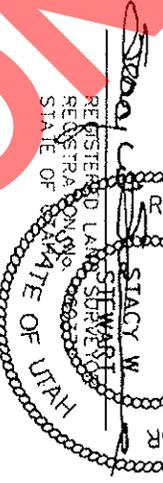
NAD 83 (SURFACE LOCATION)	LATITUDE = 40°02'17.87" (40.036297)	LONGITUDE = 110°34'20.58" (110.572356)
NAD 27 (SURFACE LOCATION)	LATITUDE = 40°02'18.03" (40.03537)	LONGITUDE = 110°34'18.03" (110.571875)
NAD 83 (BOTTOM HOLE LOCATION)	LATITUDE = 40°02'03.73" (40.034566)	LONGITUDE = 110°34'18.20" (110.571723)
NAD 27 (BOTTOM HOLE LOCATION)	LATITUDE = 40°02'03.97" (40.034408)	LONGITUDE = 110°34'18.67" (110.571012)



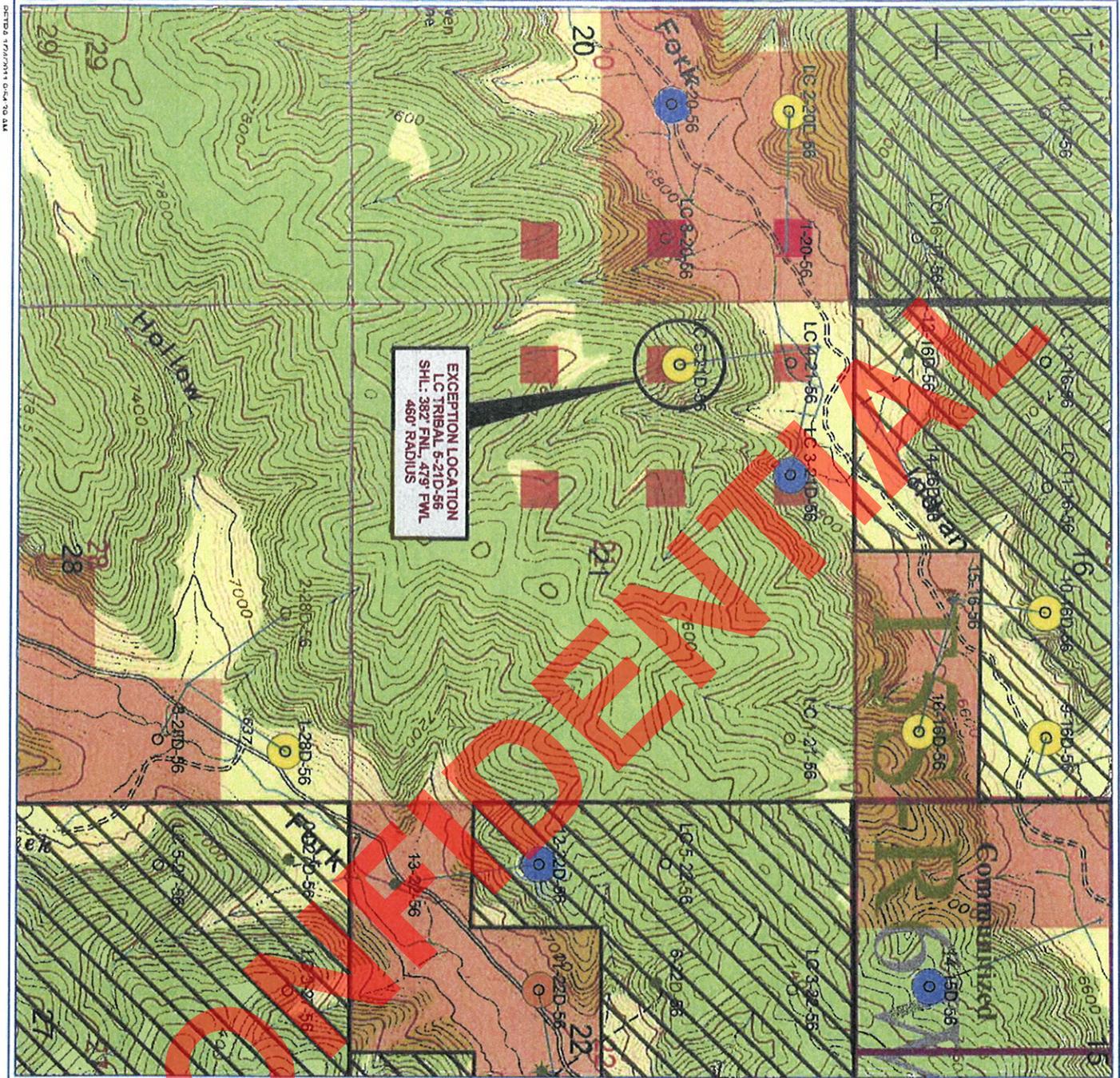
- NOTES:**
1. Well footages are measured at right angles to the Section Lines.
 2. Bearings are based on Global Positioning Satellite observations.



THIS IS TO CERTIFY THAT THE ABOVE TEXT WAS
 PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
 MADE BY ME OR UNDER MY SUPERVISION AND THAT
 THE SAME ARE TRUE AND CORRECT TO THE BEST
 OF MY KNOWLEDGE AND BELIEF.
 STACY W. STACY
 REGISTERED LAND SURVEYOR
 RESTRICTION NO. _____
 STATE OF UTAH



TRI STATE LAND SURVEYING & CONSULTING	
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078	
(435) 781-2501	
DATE SURVEYED: 5-10-10	SURVEYED BY: SH
DATE DRAWN: 12-07-10	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'



EXCEPTION LOCATION
 LC TRIBAL 5-21D-56
 SHL: 382 FNL, 479 FNL
 450' RADIUS

BERRY PETROLEUM COMPANY

Lake Canyon Project

LC Tribal 5-21D-56

Exception Drilling Location Plat

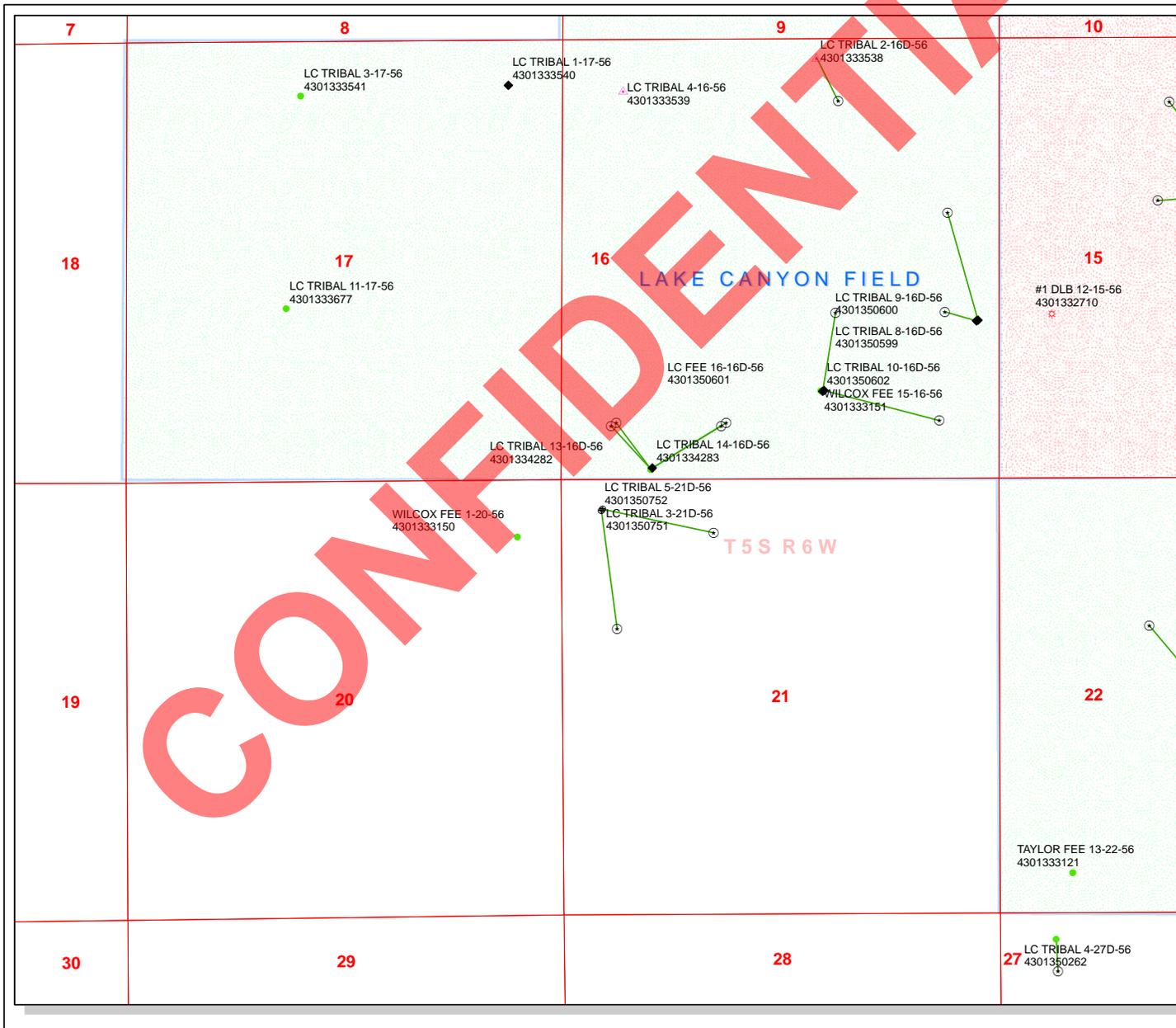
Sec. 21 TSS R6W - Duchesne Co, UT



- ATTRIBUTE MAP**
- Approved
 - WO Acre
 - WO BIA
 - WO Onsite
 - WO Plats
 - WO State
 - WO Sur Agmt
 - WO Survey
 - Working on APD

- WELL SYMBOLS**
- Gas Well
 - Location Only
 - Oil & Gas Well
 - Oil Well

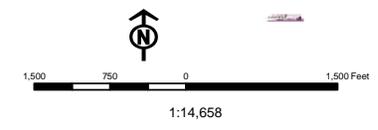
January 24, 2011



API Number: 4301350752
Well Name: LC TRIBAL 5-21D-56
Township T0.5 . Range R0.6 . Section 21
Meridian: UBM
Operator: BERRY PETROLEUM COMPANY

Map Prepared:
 Map Produced by Diana Mason

- | | |
|---------------|------------------------------------|
| Units | Wells Query |
| STATUS | Status |
| ACTIVE | APD - Approved Permit |
| EXPLORATORY | DRL - Spudded (Drilling Commenced) |
| GAS STORAGE | GIW - Gas Injection |
| NF PP OIL | GS - Gas Storage |
| NF SECONDARY | LA - Location Abandoned |
| PI OIL | LOC - New Location |
| PP GAS | OPS - Operation Suspended |
| PP GEOTHERMAL | PA - Plugged Abandoned |
| PP OIL | PGW - Producing Gas Well |
| SECONDARY | POW - Producing Oil Well |
| TERMINATED | RET - Returned APD |
| STATUS | SGW - Shut-in Gas Well |
| Unknown | SOW - Shut-in Oil Well |
| ABANDONED | TA - Temp. Abandoned |
| ACTIVE | TW - Test Well |
| COMBINED | WDW - Water Disposal |
| INACTIVE | WIW - Water Injection Well |
| STORAGE | WSW - Water Supply Well |
| TERMINATED | |
| Sections | |
| Township | |



Flora / Fauna

Flora:

Noxious Weeds: Hoary Cress, Hounds tongue and musk thistle.

Grass: Thick spike wheat grass, crested wheat grass, Siberian wheat grass, tall wheat grass and cheat grass.

Forbs: Forage kochia, poverty weed, annual kochia, lambs quarter.

Shrubs: Basin big sage, green stem rubber rabbit brush.

Trees: none

Succulents: none

Fauna: Potential large mammals include Rocky mountain elk, mule deer, black bear, mountain lion, bobcat, coyote, gray fox, raccoon, stripped skunk, spotted skunk and ring tailed cat. Sage brush obligate bird species possible including sage thrasher, sage sparrow. Other birds likely include chipping sparrow, meadow lark, lark sparrow, American kestrel, red tailed hawk, golden eagle, raven, king bird and American Robin. Host of small mammals and reptiles possible.

Soil Type and Characteristics

Soil survey not available. Mixture of gray clays and shale fragments.

Erosion Issues Y

Soils prone to wind erosion when disturbed.

Sedimentation Issues N

Soils disturbed in construction activities unlikely to enter the Right Fork of Indian Canyon due to adequate vegetation buffer.

Site Stability Issues N

Site appears suitable for proposed drilling program.

Drainage Diversion Required? N

Berm Required? Y

Berms required on the cut portions of the well pad to prevent fluids from entering perennial stream in the event of a catastrophic spill.

Erosion Sedimentation Control Required? N

Paleo Survey Run? Paleo Potential Observed? Cultural Survey Run? Cultural Resources?

Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet)

Distance to Surface Water (feet)

Dist. Nearest Municipal Well (ft)

Distance to Other Wells (feet)

Native Soil Type

Fluid Type

Drill Cuttings

Annual Precipitation (inches)

**Affected Populations
Presence Nearby Utility Conduits**

Final Score

Sensitivity Level

Characteristics / Requirements

No reserve pit is being proposed. Currently drilling program is a closed loop system using steel mud tanks provided by drilling contractors.

Closed Loop Mud Required? Liner Required? Liner Thickness Pit Underlayment Required?

Other Observations / Comments

Surface representative Larry Fogel left message with receptionist. Division informed that message would be passed on and Mr. Fogel would contact the Division if he had questions. Current surface agreement is in place.

BLM requested that structures, or remnants of structures in close proximity to the well be left in place.

Bart Kettle
Evaluator

7/7/2011
Date / Time

CONFIDENTIAL

Application for Permit to Drill Statement of Basis

7/11/2011

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
3761	43013507520000	LOCKED	OW	P	No
Operator	BERRY PETROLEUM COMPANY		Surface Owner-APD	Larry Fogel	
Well Name	LC TRIBAL 5-21D-56		Unit		
Field	LAKE CANYON		Type of Work	DRILL	
Location	NWNW 21 5S 6W U 382 FNL 479 FWL		GPS Coord (UTM)	536525E	4431879N

Geologic Statement of Basis

The mineral rights for the proposed well are owned by the Ute Tribe. The BLM will be the agency responsible for evaluating and approving the drilling, casing and cement programs.

Brad Hill
APD Evaluator

7/11/2011
Date / Time

Surface Statement of Basis

On-site evaluation completed on July 7, 2011. In attendance: Bart Kettle-Division of Oil Gas and Mining (DOGM), Brad Mechum-Berry Petroleum Company, Chuck MacDonald-Vernal BLM. Invited and Choosing not to Attend: Larry Fogel-surface owner.

The proposed LC TRIBAL 5-21D-56 well is one of two wells proposed from the same well pad. As proposed the well pad is staked in what was formerly the flood plan for the Right Fork of Indian Canyon. In the past 100 years the stream corridor has down cut 6' and flooding at this location is unlikely to occur in its current status. The selected site appears adequate for the proposed drilling program. As proposed, this well will be drilled using a closed loop mud circulating system, no reserve pit is being requested for this proposed well.

Currently the southern portions of the well pad fall within 45' of a perennial stream. Berms of 12" shall be constructed around the fill portions of the well pad to prevent fluids from entering live water in the event of a catastrophic spill.

Duchesne listed noxious weeds hoary Cress, hounds tongue and musk thistle noted growing at the proposed site and in surrounding uplands. Invasion doesn't appear linked to oil and gas activity, however construction activities could spread infestation. Construction equipment should be clean prior to leaving location to prevent spread to other locations.

Bart Kettle
Onsite Evaluator

7/7/2011
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A closed loop mud circulation system is required for this location.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	Clean construction equipment prior to moving to prevent spread of noxious weed seed to other areas.

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 5/9/2011

API NO. ASSIGNED: 43013507520000

WELL NAME: LC TRIBAL 5-21D-56

OPERATOR: BERRY PETROLEUM COMPANY (N2480)

PHONE NUMBER: 435 722-1325

CONTACT: Kathy K. Fieldsted

PROPOSED LOCATION: NWNW 21 050S 060W

Permit Tech Review:

SURFACE: 0382 FNL 0479 FWL

Engineering Review:

BOTTOM: 1813 FNL 0660 FWL

Geology Review:

COUNTY: DUCHESNE

LATITUDE: 40.03824

LONGITUDE: -110.57188

UTM SURF EASTINGS: 536525.00

NORTHINGS: 4431879.00

FIELD NAME: LAKE CANYON

LEASE TYPE: 2 - Indian

LEASE NUMBER: 20G-000-5500

PROPOSED PRODUCING FORMATION(S): GREEN RIVER

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: INDIAN - RLB0005647
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: 43-11041
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

Commingling Approved

LOCATION AND SITING:

- R649-2-3.
- Unit:**
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
- Board Cause No:** R649-3-11
- Effective Date:**
- Siting:**
- R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 4 - Federal Approval - dmason
5 - Statement of Basis - bhll
15 - Directional - dmason
23 - Spacing - dmason



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: LC TRIBAL 5-21D-56

API Well Number: 43013507520000

Lease Number: 2OG-000-5500

Surface Owner: FEE (PRIVATE)

Approval Date: 7/11/2011

Issued to:

BERRY PETROLEUM COMPANY, 4000 South 4028 West Rt 2 Box 7735, Roosevelt, UT 84066

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-11. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <http://oilgas.ogm.utah.gov>

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:

A handwritten signature in black ink, appearing to read "John Rogers", written over a faint, illegible stamp or background.

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER LC TRIBAL 5-21D-56				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT LAKE CANYON				
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME				
6. NAME OF OPERATOR BERRY PETROLEUM COMPANY						7. OPERATOR PHONE 303 999-4044				
8. ADDRESS OF OPERATOR 4000 South 4028 West Rt 2 Box 7735, Roosevelt, UT, 84066						9. OPERATOR E-MAIL kao@bry.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) 20G-000-5500			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Larry Fogel						14. SURFACE OWNER PHONE (if box 12 = 'fee') 517-223-8056				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 280 Addison Circle, ,						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE		382 FNL 479 FWL		NWNW	21	5.0 S	6.0 W	U		
Top of Uppermost Producing Zone		1548 FNL 628 FWL		SWNW	21	5.0 S	6.0 W	U		
At Total Depth		1813 FNL 660 FWL		SWNW	21	5.0 S	6.0 W	U		
21. COUNTY DUCHESNE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 382			23. NUMBER OF ACRES IN DRILLING UNIT 640				
27. ELEVATION - GROUND LEVEL 6662			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 20			26. PROPOSED DEPTH MD: 6316 TVD: 6000				
			28. BOND NUMBER RLB0005647			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-11041				
Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Surf	12.25	8.625	0 - 350	24.0	J-55 ST&C	9.5	Class G	200	1.15	15.8
Prod	7.875	5.5	0 - 6316	15.5	J-55 LT&C	9.5	Type V	180	3.82	11.0
							Class G	330	1.7	13.1
ATTACHMENTS										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Kathy K. Fieldsted			TITLE Sr. Regulatory & Permitting Tech.				PHONE 435 722-1325			
SIGNATURE			DATE 05/09/2011				EMAIL kkf@bry.com			
API NUMBER ASSIGNED 43013507520000			APPROVAL  Permit Manager							

SELF-CERTIFICATION STATEMENT

The following self-certification statement is provided per federal requirements dated May 7, 2007.

Please be advised that Berry Petroleum Company is considered to be the operator of the following well.

LC TRIBAL 5-21D-56
NW ¼, NW ¼, 382' FNL 479' FWL, SEC. 21, T5S, R6W, U.S.B. & M.
BHL: SW ¼, NW ¼, 1813' FNL, 660' FWL
Lease: 2OG-000-5500
Duchesne, County, Utah

Berry Petroleum Company is responsible under the terms of the lease for the operations conducted upon the lease lands.



Kathy K. Fieldsted
Sr. Regulatory & Permitting Tech
Berry Petroleum Company
4000 South 4028 West
Route 2, Box 7735
Roosevelt, Utah 84066
435-722-1325

BERRY PETROLEUM COMPANY

LC TRIBAL 5-21D-56

Surface location: NW ¼, NW ¼, 382' FNL 479' FWL, SEC. 21, T5S, R6W, U.S.B. & M.

BHL: SW ¼, NW ¼, 1813' FNL, 660' FWL,
Duchesne, County, Utah

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1,2 Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

FORMATION	DRILL DEPTH * @ SHL (TVD)	DRILL DEPTH* @ BHL (TVD)	Measured Depth
Uinta Fm	Surface	Surface	
Green River	281'	405'	281'
Green River Upper Marker	752'	906'	753'
Mahogany	1,324'	1,473'	1,356'
Tgr3	2,354'	2,485'	2,597'
*Douglas Creek	3,129'	3,275'	3,512'
Black Shale	3,760'	3,888'	4,188'
*Castle Peak	4,047'	4,187'	4,483'
*Uteland Butte	4,410'	4,540'	4,849'
*Wasatch	4,650'	4,784'	5,089'
CR-6 (base U Wasatch)	5,827'	5,950'	6,266'
TD	6,000'	6,000'	6,316'
Base of Moderate Saline H2O	5,218'	5,494'	

*PROSPECTIVE PAY

Berry is locating the well at the proposed surface location and directionally drilling to the proposed bottom hole location. By drilling directionally, Berry Petroleum Company will improve field development efficiency by potentially combining multiple surface hole locations together. This will significantly reduce total surface disturbance plus combine the use of access roads and existing pipelines.

Furthermore, Berry hereby certifies that it is the sole working interest owner with 460 feet of the entire directional well bore and the remainder of the Ute Tribal section.

Berry Petroleum Company
LC TRIBAL 5-21D-56

Drilling Program
Duchesne County, UT

3 Proposed Casing and Cementing Program

Purpose	Depth	Hole Size	Casing Size	Type	Connection	Weight
Surface	350'	12.25"	8-5/8"	J-55	ST&C	24#
Production	6316'	7.875"	5-1/2"	J-55	LT&C	15.5#

Surface	Fill	Type & Amount
---------	------	---------------

0' – 350' 350' Approximately 200 sks Premium Plus (TypeG) + additives or similar slurry with a minimum weight of 15.8 #/gal and approximate yield of 1.15 cuft/sx, minimum 24 hr compressive strength = 500 psi (Cement will be circulated to surface and topped off, if necessary.)

Production	Type & Amount
------------	---------------

0' – 3500' Lead: +/- 180 sks Premium Type V + additives or similar slurry with a minimum weight of 11.0 #/gal and approximate yield of 3.82 cuft/sx

3500' – 6316' Tail: +/- 330 sks Premium Lite Tail + additives or similar slurry with a minimum weight of 13.1 #/gal and approximate yield of 1.70cuft/sk.

For production casing, actual cement volumes will be determined from the caliper log plus a minimum of 15% excess.

4 Drilling Fluids Program

Interval	Weight	Viscosity	Fluid Loss	Remarks
0' – 350'	8.4 – 9.5	27	NC	DAP Mud
350'–6316'	8.4 – 9.5	27	NC	DAP Water

5 Pressure Control Equipment : (Schematic Attached)

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc. A 2M system will be utilized. The attached diagram depicts the use of an annular in conjunction with double rams. However, an annular, double rams or both may be used depending on the drilling rig contracted. Chart recorders will be used for all pressure tests. Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to representative upon request.

Mud volumes will be monitored visually.
Upper and Lower Kelly cocks will be utilized.
A gas buster will be utilized, if necessary.

Berry Petroleum Company
LC TRIBAL 5-21D-56

Drilling Program
Duchesne County, UT

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 350'	No Pressure Control
350' – 6316'	11" 2000# Ram Type BOP 11" 2000# Annular BOP

6 Evaluation Program

Logging Program:	HRI-GR-SP with SDL-DSN-PE: surface casing to TD. Preserve samples from all show intervals.
Sampling:	10' dry cut samples: Douglas Creek to TD. Preserve samples From all show intervals.
Surveys:	As deemed necessary
Mud Logger:	As deemed necessary
Drill Stem Tests:	As deemed necessary
Cores:	As deemed necessary

7 Anticipated Abnormal Pressures or Temperatures

No abnormal temperatures or pressures or other hazards are anticipated.

Shallow gas and/or water flows are possible below surface casing.

Maximum anticipated bottom hole pressure equals approximately 2940 psi* and maximum anticipated surface pressure equals approximately 1620**psi (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

*Max Mud Wt x 0.052 x TVD = A (bottom hole pressure)

**Maximum surface pressure = A – (0.22xTVD)

8 Anticipated Starting Dates and Notification of Operations

Drilling Activity:

Anticipated Commencement Date:	Upon approval of the APD.
Drilling Days:	Approximately 10 days.
Completion Days:	Approximately 7 days.



Berry Petroleum
Lake Canyon Project
8 5/8 Surface Casing
LC Tribal 5-21D-56

T.D.	350 ft			
Hole Size	12 ¼ in			
Casing Size	8 5/8 in			
Casing Weight	24 #			
Cement Coverage	350 ft to surface			
Cement Excess	75 %			
Premium Class G Cmt	200 sks	15.8#/gal	1.15 cuft/sk	5.0 gal/sk
Premium G Cmt	100 % (BWOC)			
Calcium Chloride	2 % (BWOC)			
Flocele	¼ # /sk			

Total mix water (cement only)	24 bbl (1800 gal)
Water ahead	10 bbl
Gel sweep	20 bbl
200 sks Cement	40.9 bbl (15.8 ppg)
Drop Top Plug	
Displacement	19.6 bbl



Berry Petroleum
Lake Canyon Project
5 1/2 Production Casing
LC Tribal 5-21D-56

With loss of circulation

T.D.	6316 ft
Hole Size	7 7/8 in
Casing Size	5 1/2 in
Casing Weight	15.50 lb/ ft
Tail Cement Coverage	6316 ft to 3500 ft
Tail Cement Excess	15 %
Lead Cement Coverage	3500 ft to surface
Lead Cement Excess	15 %

Hifill Lead Cmt 180sks 11.0 #/gal 3.82 cuft/sk 23.0 gal/sk

Premium Type V Cmt	100 % (BWOC)
Gel	16 % (BWOC)
Gilsonite	10 #/sk
GR 3	3 #/sk
Salt	3 % (BWOC)
Flocele	1/4 # /sk

Premium Lite Tail 330 sks 13.1#/gal 1.70cuft/sk 7.7gal/sk

Premium Class G Cmt	65 % (BWOC)
Poz	35 % (BWOP)
Gel	6% (BWOC)
Gilsonite	10# /sk
CDI 33	.2 % (BWOC)
CFL 175	.2% (BWOC)
Flocele	1/4 # /sk
Salt	10 % (BWOW)

Total Mix Water (Cement Only)	6681 gallons
Water ahead	10 bbls(8.33 ppg)
Mud Flush	20 bbls(8.34 ppg)
Water Spacer	10 bbls(8.33 ppg)
Lead Cement	122.5 bbls(11 ppg)
Tail Cement(With loss Circulation)	100.0 bbls(13.1 ppg)
Wash Pump and Lines and Drop Top Plug	
Displacemnet (KCL)	149.3 bbls(8.4 ppg)



Berry Petroleum
Lake Canyon Project
5 ½ Production Casing
LC Tribal 5-21D-56

No loss of circulation

T.D.	6316 ft
Hole Size	7 7/8 in
Casing Size	5 ½ in
Casing Weight	15.50 lb/ ft
Tail Cement Coverage	6316 ft to 3500 ft
Tail Cement Excess	15 %
Lead Cement Coverage	3500 ft to surface
Lead Cement Excess	15 %

Hifill Lead Cmt 180 sks 11.0#/gal 3.82 cuft/sk 23.0 gal/sk

Premium type V cmt	100 % (BWOC)
Gel	16 % (BWOC)
Gilsonite	10 #/sk
GR 3	3 #/sk
Salt	3 % (BWOC)
Flocele	¼ #/sk

50/50 Poz Tail Cmt 445 sks 14.2 #/gal 1.26cuft/sk 5.75 gal/sk

Premium Class G Cmt	50 % (BWOC)
Poz	50 % (BWOP)
Gel	2 % (BWOC)
Salt	10 % (BWOW)
CDI 33	.2 % (BWOC)
CFL 175	.2 % (BWOC)
Flocele	¼ # /sk

Total Mix Water (Cement Only) 6699 gal

Water ahead	10 bbl	
Mud Flush	20 bbl	
Water Spacer	10 bbl	
Lead Cement	122.5 bbl	(11 ppg)
Tail Cement	100.0 bbl	(14.2 ppg)
Wash Pump and Lines Drop Top Plug Displacement (KCl)	149.3 bbl	

BERRY PETROLEUM COMPANY
LC TRIBAL 5-21D-56

Surface location: NW ¼, NW ¼, 382' FNL 479' FWL, SEC. 21, T5S, R6W, U.S.B. & M.
BHL: SW ¼, NW ¼, 1813' FNL, 660'
Duchesne, County, Utah

ONSHORE ORDER NO. 1

MULTI POINT SURFACE USE & OPERATIONS PLAN

1 Existing Roads

To reach the Berry Petroleum Company well, LC Tribal 5-21D-56, in Section 21-T5S-R6W:

Start in Duchesne, Utah. Proceed Southwest up Indian Canyon (US 191) and go 10.0 miles to the Right Fork Indian Canyon road. Turn west off the Hwy and proceed 3.4 miles to the 3-21D-56 access road and proceed approx. 218'+/- to the LC Tribal 5-21D-56 location.

Please see the attached map for additional details.

2 Planned Access Road

See Topographic Map "A & B" for the location of the proposed access road.

3 Location of Existing Wells

See Topographic Map "C" for the location of existing wells within a 1 mile radius.

4 Location of Tank Batteries, Production Facilities and Production Gathering and Service Lines

All permanent (on site for six months or longer) structures constructed or installed will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded.

A containment dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks). This dike will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank. The site specific APD will address additional capacity if such is needed due to environmental concerns. The use of topsoil for the construction of dikes will not be allowed. If a Spill Prevention, Control, and Countermeasure (SPCC) Plan is required by the Environmental Protection Agency, the containment dike may be expanded with the Authorized Agency Officer's approval to meet SPCC requirements.

A description of the proposed pipeline and a map illustrating the proposed route is attached.

Berry Petroleum Company
LC TRIBAL 5-21D-56

Multi Point Surface Use & Operations Plan
Duchesne County, UT

All site security guidelines identified in Federal regulation 43 CFR 3126.7, will be adhered to. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease production will have prior written approval from the Authorized Agency Officer.

Gas meter runs will be located approximately 100 feet from the wellhead. Where necessary, the gas line will be anchored down from the wellhead to the meter.

5 Location and Type of Water Supply

Water for the drilling and completion will be pumped or trucked from the Berry source wells located in Sec. 23, T5S, R5W or Sec. 24, T5S, R5W, permit # 43-11041, or from Douglas E. & Yordis Nielsen source well located in Sec. 12, T5S, R6W, permit # 43-1628, or from Duchesne City Culinary Water Dock located in Sec. 1, T4S, R5W or from East Duchesne Water, Arcadia Feedlot, Sec. 28, T3S, R3W or from Petroglyph Operating Company 08-04 Waterplant, Sec. 8, T5S, R3W .

6 Source of Construction Materials

All construction materials for this location site and access road shall be borrow material accumulated during construction of the location site and access road.

Additional gravel or pit lining material will be obtained from a private source.

The use of materials under Authorized Agency jurisdiction will conform with 43 CFR 3610.2-3.

7 Methods of Handling Waste Materials

Drill fluids will be contained in a closed loop system. Cuttings will be contained on site and buried in a pit or used on location or access roads whichever is deemed appropriate by the authorized agency.

After first production, produced wastewater will be trucked to one of the following approved waste water disposal sites: R.N. Industries, Inc. Sec. 4, T2S, R2W, Bluebell; MC & MC Disposal Sec. 12, T6S, R19E, Vernal; LaPoint Recycle & Storage Sec. 12, T5S, R19E, LaPoint or Water Disposal Inc. Sec. 32, T1S, R1W, Roosevelt, used in the operations of the field or, unless prohibited by the Authorized Officer, confined to the approved pit or storage tank for a period not to exceed 90 days. The use of such pit is hereby approved as part of this Application for Permit to Drill.

Production fluids will be contained in leak-proof tanks. All production fluids will be disposed of at approved disposal sites. Produced water, oil, and other byproducts will not be applied to roads or well pads for control of dust or weeds. The indiscriminate dumping of produced fluids on roads, well sites, or other areas will not be allowed.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical portable toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. Trash will not be burned on location.

Berry Petroleum Company
LC TRIBAL 5-21D-56

Multi Point Surface Use & Operations Plan
Duchesne County, UT

All debris and other waste materials not contained in the trash cage will be cleaned up and removed from the location promptly after removal of the completion rig (weather permitting).

Any open pits will be fenced during the operations. The fencing will be maintained with best efforts until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of wells. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of wells within these areas.

8 Ancillary Facilities

There are no ancillary facilities planned for at this time and none are foreseen in the future.

9 Well site Layout

The attached Location Layout diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, pipe racks, trailer parking, spoil dirt stockpile(s) and surface material stockpile(s)

10 Plans for Restoration of the Surface

The dirt contractor will be provided with approved copies of the Surface Use Plan prior to construction activities.

Upon well completion, within a reasonable time, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions may include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and the re-establishment of vegetation as specified.

All disturbed areas will be re-contoured to the approximate natural contours.

Any drainage rerouted during the construction activities shall be restored to its original line of flow or as near as possible.

Prior to the construction of the location, the top 12 inches of soil material (if present) will be stripped and stockpiled. Placement of the topsoil is noted on the location plat attached. Topsoil shall be stockpiled separately from subsoil materials. Topsoil salvaged from the reserve pit shall be stockpiled separately near the reserve pit.

When restoration activities have been completed, the location site and new access road cuts and shoulders shall be reseeded. Prior to reseeding, all disturbed areas, including the old access road, will be scarified and left with a rough surface.

Berry Petroleum Company
LC TRIBAL 5-21D-56

Multi Point Surface Use & Operations Plan
Duchesne County, UT

The Authorized Agency Officer shall be contacted for the required seed mixture. Seed will be broadcast and the amount of seed mixture per acre will be doubled. The seeded area will then be "walked" with a dozer to assure coverage of the seeds. The seed mixture will reflect the recommendation from the Archeology study done.

At final abandonment, all casing shall be cut off at the base of the cellar or 3 feet below final restored ground level, whichever is deeper, and cap the casing with a metal plate a minimum of 0.25 inches thick. The cap will be welded in place and the well location and identity will be permanently inscribed on the cap. The cap also will be constructed with a weep hole.

11 Surface Ownership

Larry Fogel
280 Addison Circle
Fowlerville, MI 48836-7705

12 Other information

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites or other applicable facilities. A list of noxious weeds may be obtained from the Authorized Agency or the appropriate County Extension Office.

Drilling rigs and/or equipment used during drilling operations on this location will not be stacked or stored on administered lands after the conclusion of drilling operations or at any other time without authorization by the Authorized Agency Officer. If authorization is obtained, such storage is only a temporary measure.

Travel is restricted to only approved travel routes.

A class III archaeological survey will be conducted on all lands, unless landowner waives rights for archaeological survey. All personnel will refrain from collecting artifacts and from disturbing any significant cultural resources in the area. The operator is responsible for informing all persons in the area who are associated with this project that they may be subject to prosecution for knowingly disturbing historic or archaeological sites or for collecting artifacts. All vehicular traffic, personnel movement, construction, and restoration activities shall be confined to the areas examined, as referenced in the archaeological report, and to the existing roadways and/or evaluated access routes. If historic or archaeological materials are uncovered during construction, the Operator is to immediately stop work that might further disturb such materials and contact the Authorized Agency Officer.

Within five working days, the Authorized Agency Officer will inform the operator as to:

Whether the materials appear eligible for the National Historic Register of Historic Places; The mitigation measures the operator will likely have to undertake before the site can be used (assuming in-situ preservation is not necessary); and, the time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic

Berry Petroleum Company
LC TRIBAL 5-21D-56

Multi Point Surface Use & Operations Plan
Duchesne County, UT

Preservation Officer, that the findings of the Authorized Officer are correct and that the mitigation measures are appropriate.

If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Agency Officer and/or the surface owner will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise the operator will be responsible for mitigation costs. The Authorized Agency Officer and/or the surface owner will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Agency Officer that required mitigation has been completed, the Operator will then be allowed to resume construction.

All Surface Use Conditions of Approval associated with the Landowner Surface Use Agreement and Environmental Analysis Mitigation Stipulations will be adhered to.

All well site locations will have appropriate signs indicating the name of the operator, the lease serial number, the well name and number, the survey description of the well (either footages or the quarter/quarter section, the section, township, and range).

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Berry Petroleum Company
LC TRIBAL 5-21D-56

Multi Point Surface Use & Operations Plan
Duchesne County, UT

13 Operator's Representative and Certification

A) Representative

NAME: Kathy K. Fieldsted
ADDRESS: Berry Petroleum Company
4000 South 4028 West
Route 2, Box 7735
Roosevelt, Utah 84066
PHONE: 435-722-1325

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations and onshore oil and gas orders. The operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The drilling permit will be valid for a period of two years from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

B) Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge and belief, true and correct; and that the work associated with the operations proposed herein will be performed by Berry Petroleum Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

DATE

May 4, 2011


Kathy K. Fieldsted
Sr. Regulatory & Permitting Tech
Berry Petroleum Company

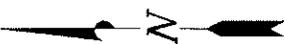
BERRY PETROLEUM COMPANY

WELL PAD INTERFERENCE PLAT

LC TRIBAL 3-21D-56 (Proposed Well)

LC TRIBAL 5-21D-56 (Proposed Well)

Pad Location: NWNW Section 21, T5S, R6W, U.S.B.&M.



TOP HOLE FOOTAGES

3-21D-56 (PROPOSED)
373' FNL & 497' FWL
5-21D-56 (PROPOSED)
382' FNL & 479' FWL

BOTTOM HOLE FOOTAGES

3-21D-56 (PROPOSED)
660' FNL & 1830' FWL
5-21D-56 (PROPOSED)
1813' FNL & 660' FWL

Proposed Access

Future Pit

Edge of Proposed Pad

565.30' ±

S07°15'30"E - 1443.89'
(To Bottom Hole)

3-21D-56 (PROPOSED)

5-21D-56 (PROPOSED)

S77°26'59"E - 1365.68'
(To Bottom Hole)

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
3-21D-56	40° 02' 17.96"	110° 34' 20.36"
5-21D-56	40° 02' 17.87"	110° 34' 20.59"

RELATIVE COORDINATES From top hole to bottom hole

WELL	NORTH	EAST
3-21D-56	-297'	1,333'
5-21D-56	-1432'	182'

Note:
Bearings are based
on GPS Observations.

SURVEYED BY: S.H.	DATE SURVEYED: 08-21-10
DRAWN BY: M.W.	DATE DRAWN: 12-07-10
SCALE: 1" = 50'	REVISED: L.C.S. 01-25-11

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

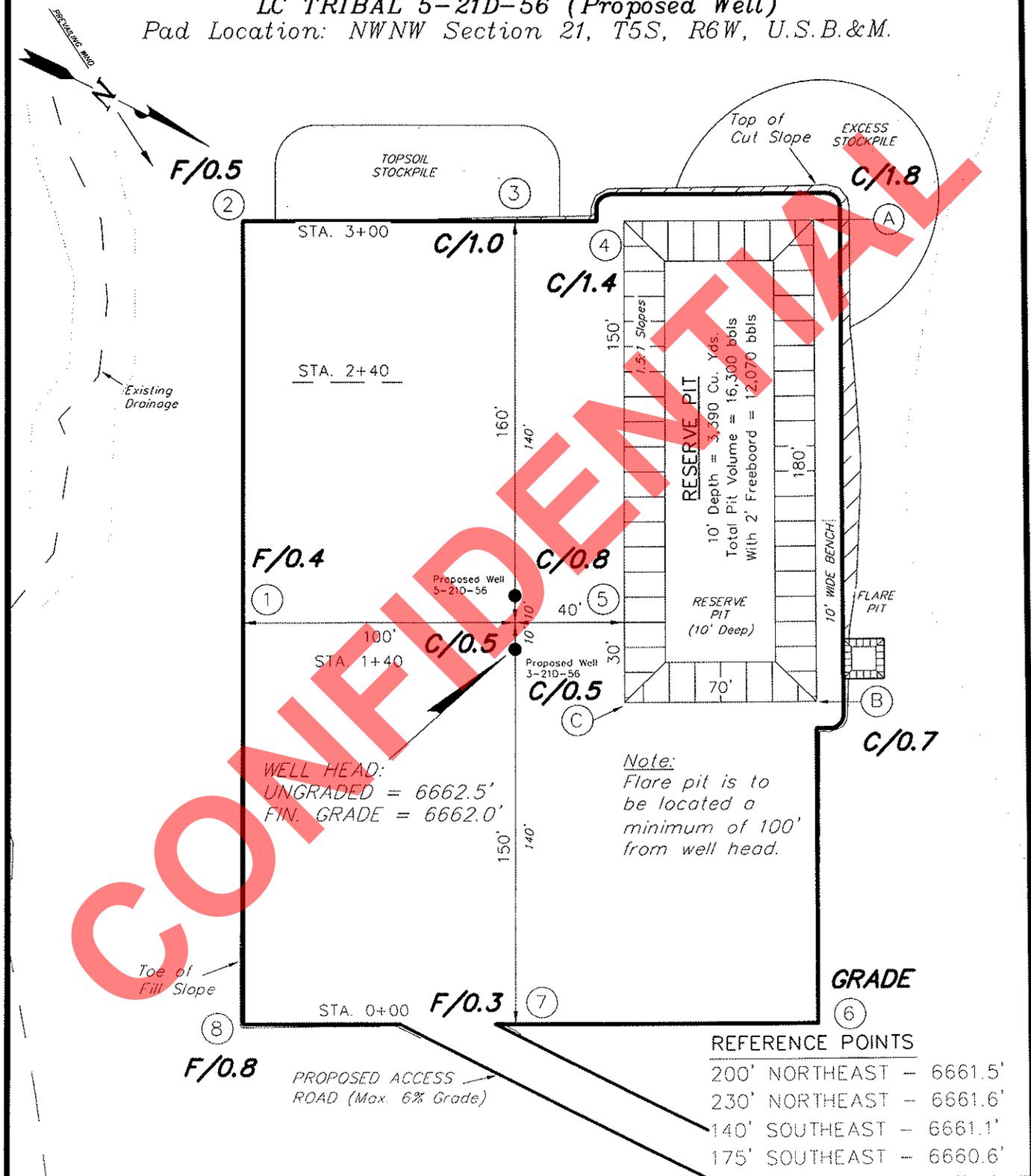
BERRY PETROLEUM COMPANY

LOCATION LAYOUT

LC TRIBAL 3-21D-56 (Proposed Well)

LC TRIBAL 5-21D-56 (Proposed Well)

Pad Location: NWNW Section 21, T5S, R6W, U.S.B.&M.



WELL HEAD:
UNGRADED = 6662.5'
FIN. GRADE = 6662.0'

Note:
Flare pit is to
be located a
minimum of 100'
from well head.

REFERENCE POINTS	
200' NORTHEAST	6661.5'
230' NORTHEAST	6661.6'
140' SOUTHEAST	6661.1'
175' SOUTHEAST	6660.6'

SURVEYED BY: S.H.	DATE SURVEYED: 08-11-10
DRAWN BY: M.W.	DATE DRAWN: 12-07-10
SCALE: 1" = 50'	REVISED:

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

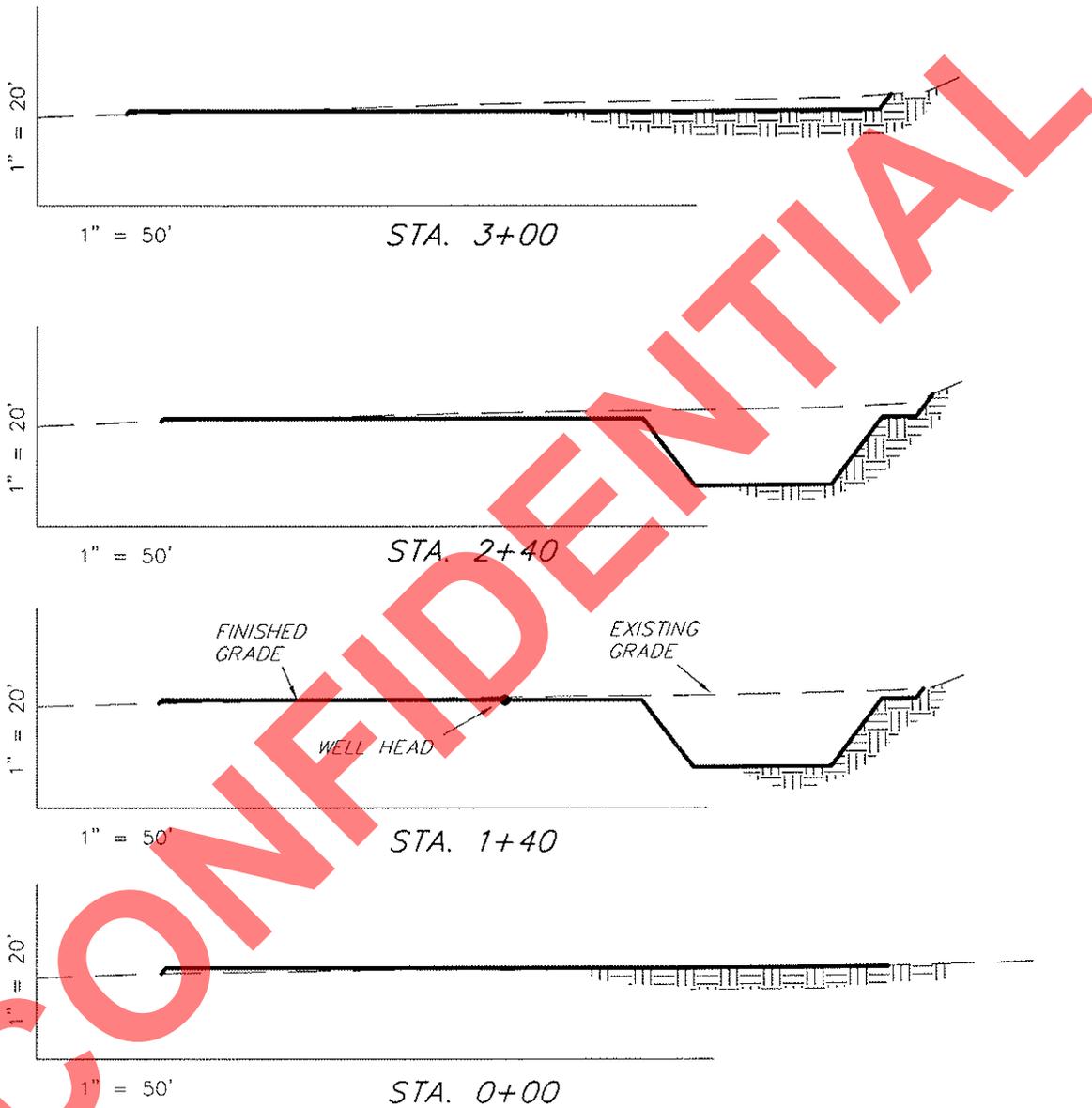
BERRY PETROLEUM COMPANY

CROSS SECTIONS

LC TRIBAL 3-21D-56 (Proposed Well)

LC TRIBAL 5-21D-56 (Proposed Well)

Pad Location: NWNW Section 21, T5S, R6W, U.S.B.&M.



ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	670	670	Topsoil is not included in Pad Cut	0
PIT	3,390	0		3,390
TOTALS	4,060	670	1,250	3,390

SURVEYED BY: S.H.	DATE SURVEYED: 08-11-10
DRAWN BY: M.W.	DATE DRAWN: 12-07-10
SCALE: 1" = 50'	REVISED:

Tri State Land Surveying, Inc. (435) 761-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

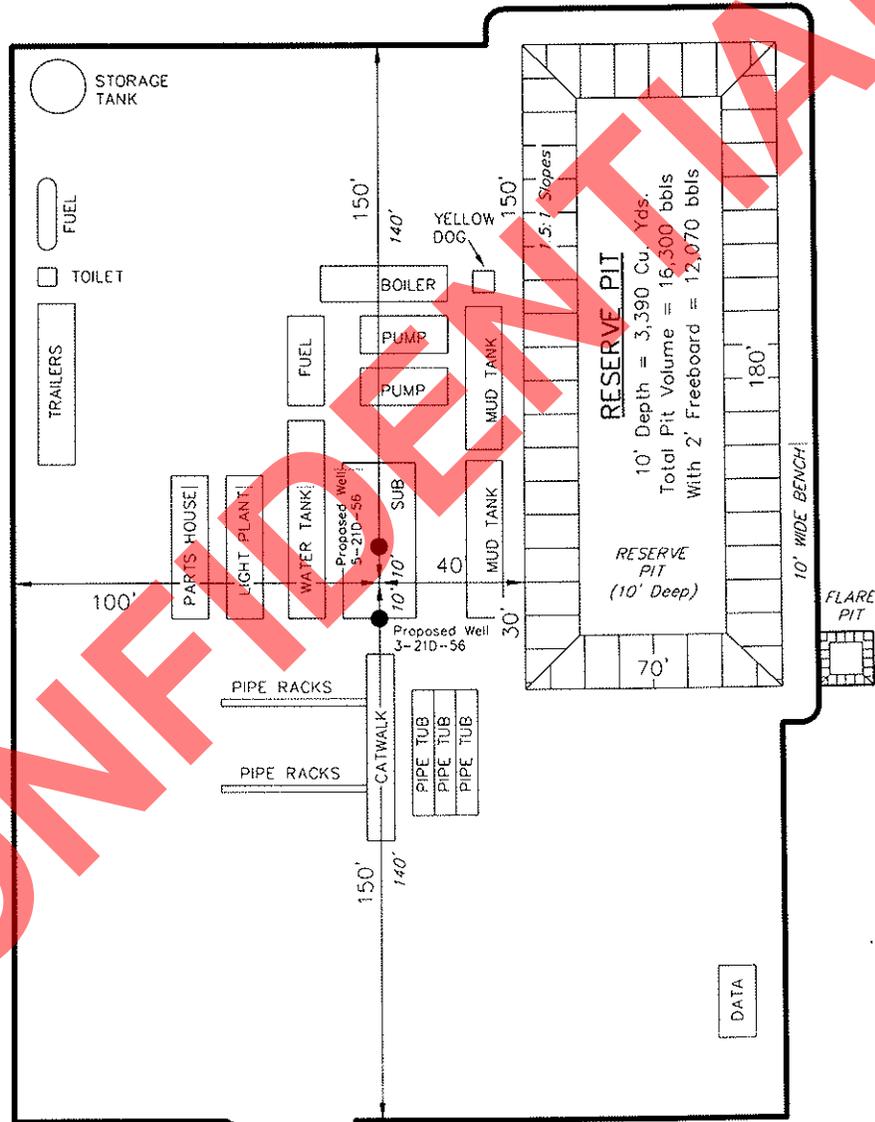
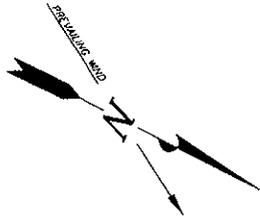
BERRY PETROLEUM COMPANY

TYPICAL RIG LAYOUT

LC TRIBAL 3-21D-56 (Proposed Well)

LC TRIBAL 5-21D-56 (Proposed Well)

Pad Location: NWNW Section 21, T5S, R6W, U.S.B.&M.



PROPOSED ACCESS ROAD (Max. 6% Grade)

SURVEYED BY: S.H.	DATE SURVEYED: 08-11-10
DRAWN BY: M.W.	DATE DRAWN: 12-07-10
SCALE: 1" = 50'	REVISED:

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180 NORTH VERNAL AVE VERNAL, UTAH 84078

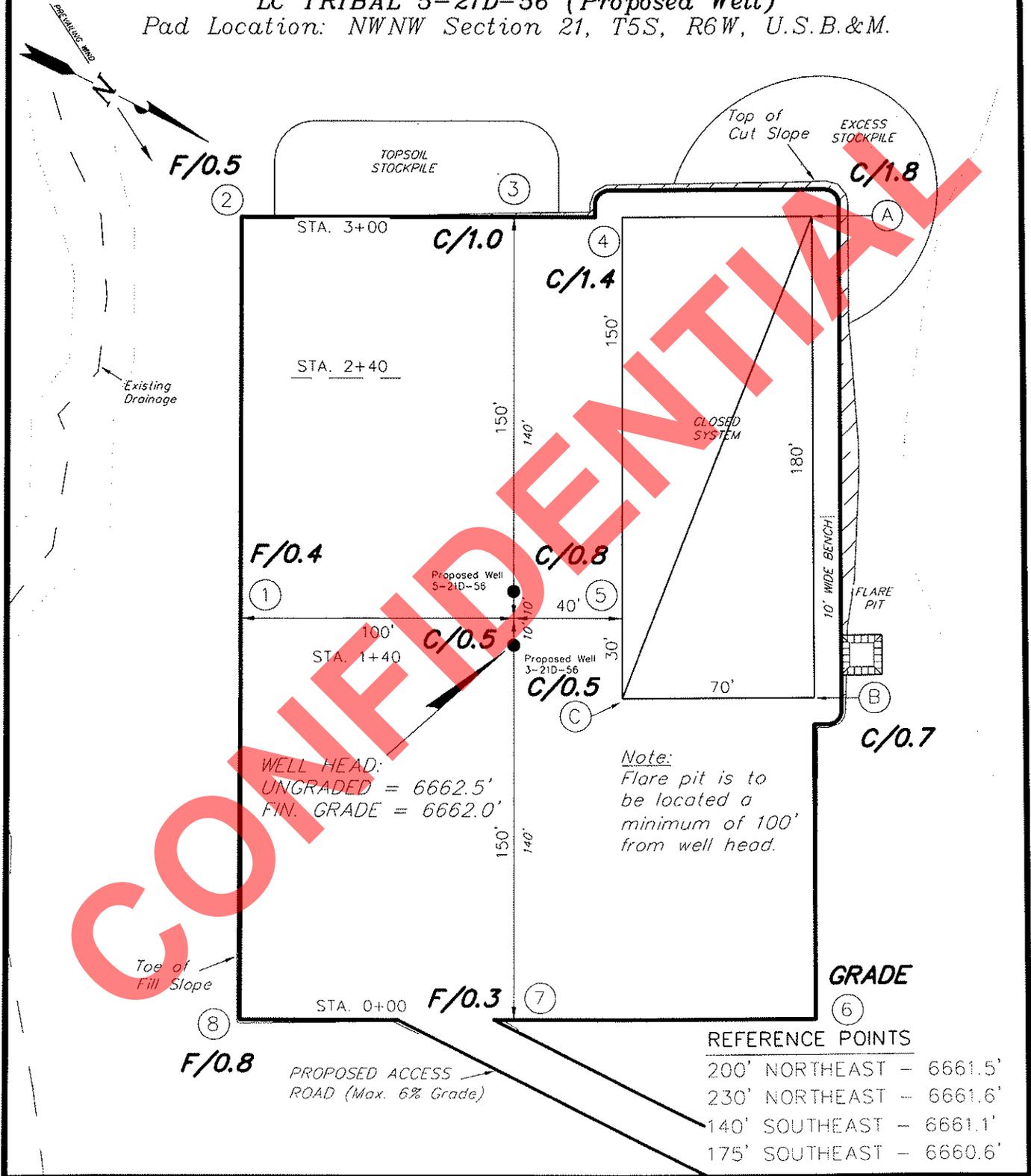
BERRY PETROLEUM COMPANY

LOCATION LAYOUT

LC TRIBAL 3-21D-56 (Proposed Well)

LC TRIBAL 5-21D-56 (Proposed Well)

Pad Location: NWNW Section 21, T5S, R6W, U.S.B.&M.



WELL HEAD:
 UNGRADED = 6662.5'
 FIN. GRADE = 6662.0'

Note:
 Flare pit is to
 be located a
 minimum of 100'
 from well head.

REFERENCE POINTS

200' NORTHEAST	- 6661.5'
230' NORTHEAST	- 6661.6'
140' SOUTHEAST	- 6661.1'
175' SOUTHEAST	- 6660.6'

SURVEYED BY: S.H.	DATE SURVEYED: 08-11-10
DRAWN BY: M.W.	DATE DRAWN: 12-07-10
SCALE: 1" = 50'	REVISED:

Tri State
 Land Surveying, Inc.
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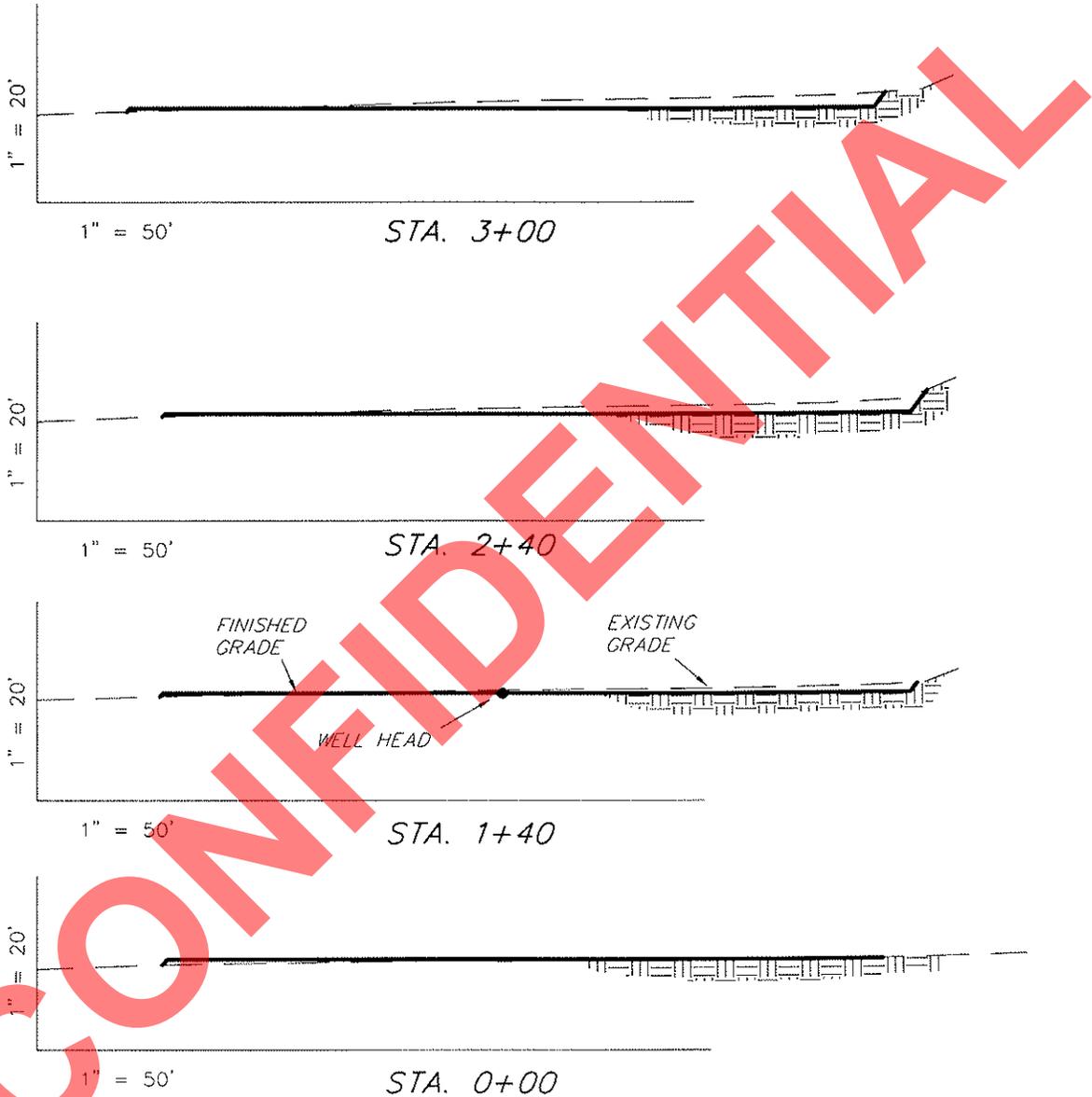
BERRY PETROLEUM COMPANY

CROSS SECTIONS

LC TRIBAL 3-21D-56 (Proposed Well)

LC TRIBAL 5-21D-56 (Proposed Well)

Pad Location: NWNW Section 21, T5S, R6W, U.S.B.&M.



ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	670	670	Topsoil is not included in Pad Cut	0
PIT	0	0		0
TOTALS	670	670	1,250	0

SURVEYED BY: S.H.	DATE SURVEYED: 08-11-10
DRAWN BY: M.W.	DATE DRAWN: 12-07-10
SCALE: 1" = 50'	REVISED:

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180 NORTH VERNAL AVE VERNAL, UTAH 84078

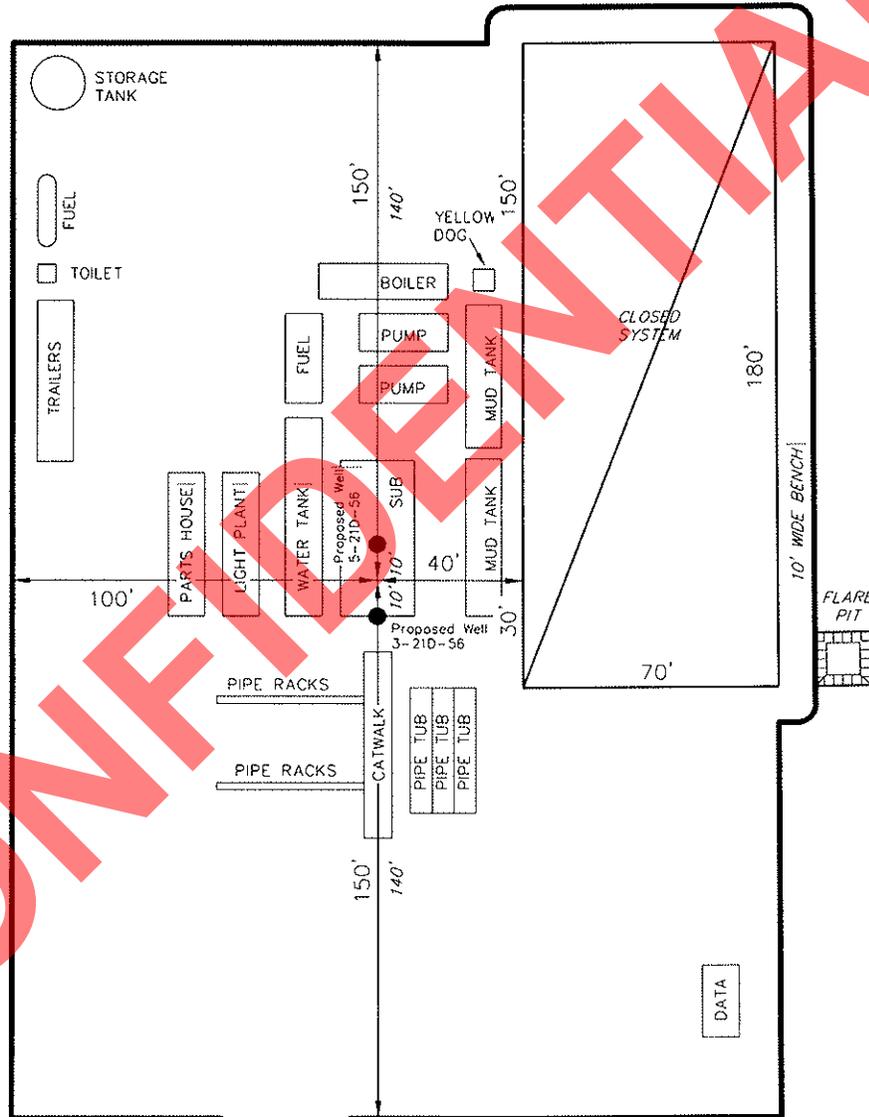
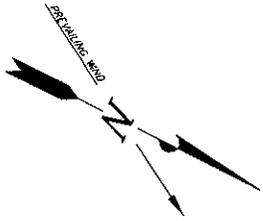
BERRY PETROLEUM COMPANY

TYPICAL RIG LAYOUT

LC TRIBAL 3-21D-56 (Proposed Well)

LC TRIBAL 5-21D-56 (Proposed Well)

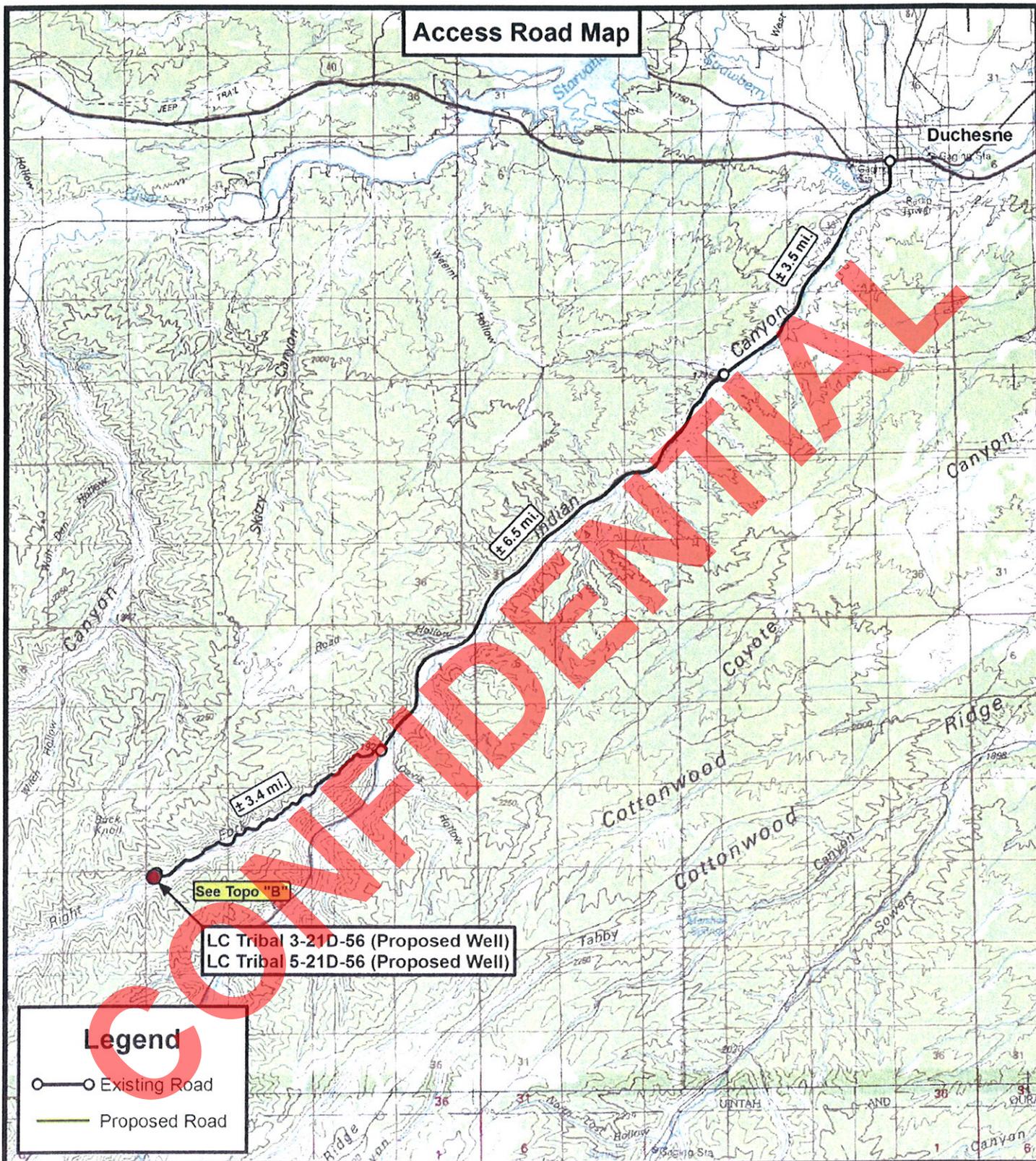
Pad Location: NWNW Section 21, T5S, R6W, U.S.B.&M.



PROPOSED ACCESS ROAD (Max. 6% Grade)

SURVEYED BY: S.H.	DATE SURVEYED: 08-11-10
DRAWN BY: M.W.	DATE DRAWN: 12-07-10
SCALE: 1" = 50'	REVISED:

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 180 NORTH VERNAL AVE VERNAL, UTAH 84078



Legend

- Existing Road
- - - Proposed Road

LC Tribal 3-21D-56 (Proposed Well)
 LC Tribal 5-21D-56 (Proposed Well)

See Topo "B"

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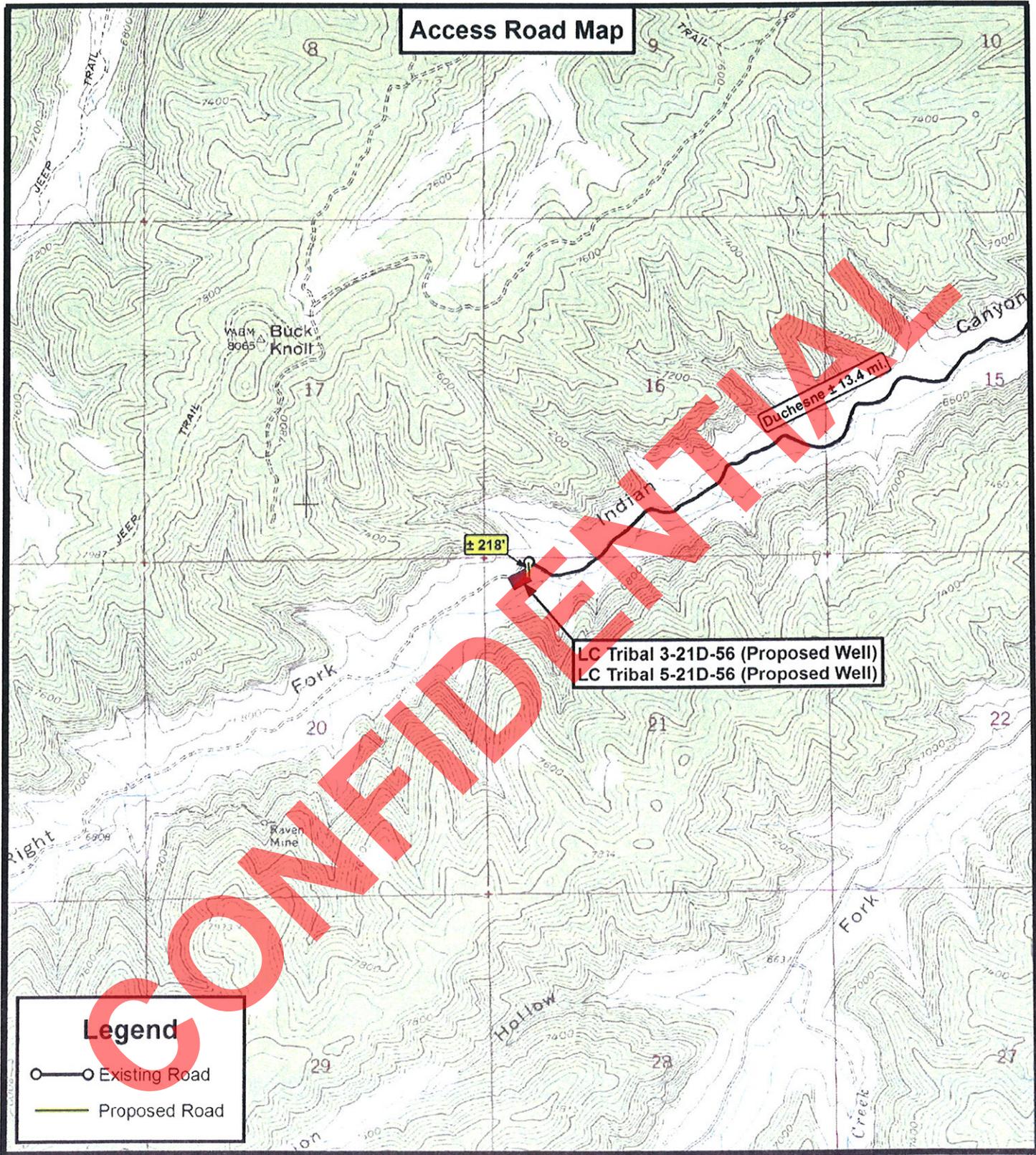
BERRY PETROLEUM COMPANY

LC Tribal 3-21D-56 (Proposed Well)
 LC Tribal 5-21D-56 (Proposed Well)
 SEC. 21, T5S, R6W, U.S.B.&M.
 Duchesne County, UT.

DRAWN BY:	C.H.M.
DATE:	12-08-2010
SCALE:	1:100 000

TOPOGRAPHIC MAP

SHEET
A



Access Road Map

LC Tribal 3-21D-56 (Proposed Well)
LC Tribal 5-21D-56 (Proposed Well)

Duchesne ± 13.4 mi.

± 218'

Legend

- Existing Road
- Proposed Road

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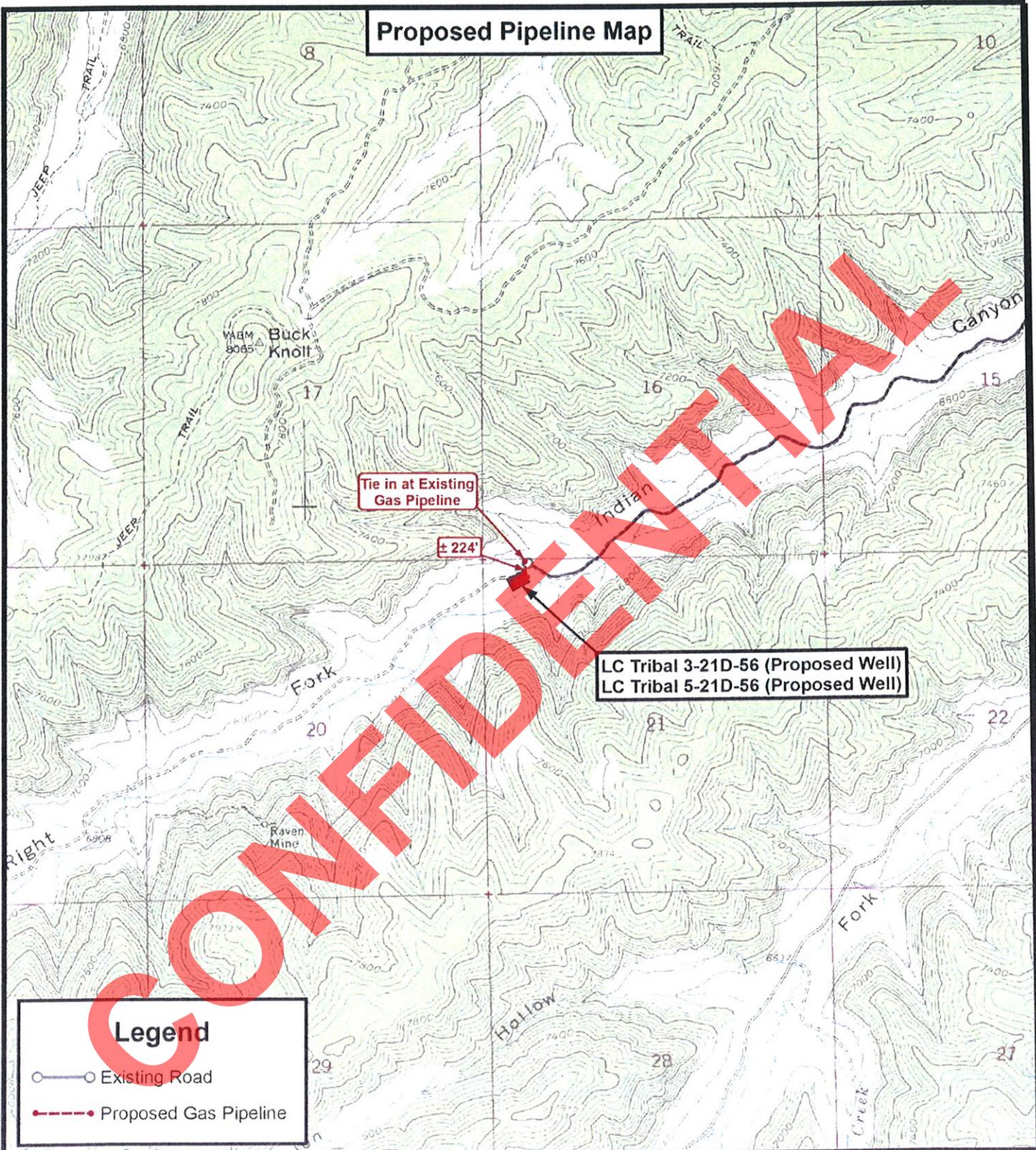
BERRY PETROLEUM COMPANY
LC Tribal 3-21D-56 (Proposed Well)
LC Tribal 5-21D-56 (Proposed Well)
SEC. 21, T5S, R6W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	C.H.M.
DATE:	12-08-2010
SCALE:	1" = 2,000'

TOPOGRAPHIC MAP

SHEET
B

Proposed Pipeline Map



Legend

- Existing Road
- Proposed Gas Pipeline

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LC Tribal 3-21D-56 (Proposed Well)
 LC Tribal 5-21D-56 (Proposed Well)
 SEC. 21, T5S, R6W, U.S.B.&M.
 Duchesne County, UT.

DRAWN BY:	C.H.M.
DATE:	12-08-2010
SCALE:	1" = 2,006'

TOPOGRAPHIC MAP

SHEET
C

**Location
Photos**

Center Stake
Looking Southeasterly

Date Photographed: 08/10/2010

Photographed By : S. Hawk



Access
Looking Southeasterly

Date Photographed: 08/10/2010

Photographed By : S. Hawk



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LC Tribal 3-21D-56 (Proposed Well)
LC Tribal 5-21D-56 (Proposed Well)
SEC. 21, T5S, R6W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY: C.H.M.
DATE: 12-08-2010

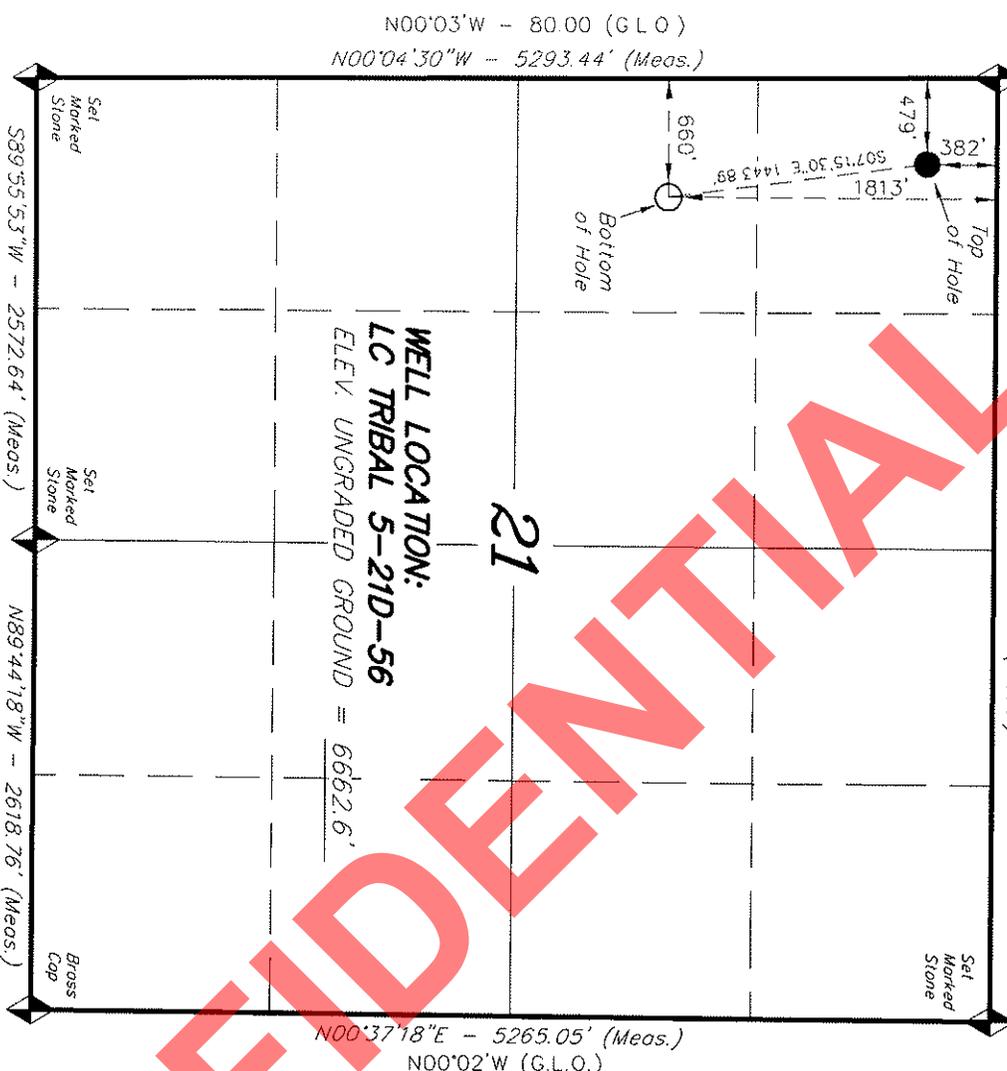
COLOR PHOTOGRAPHS

SHEET
P

T5S, R6W, U.S.B.&M.

BERRY PETROLEUM COMPANY

S89°57'W - 79.96 (G.L.O.)
 N89°35'25"W - 5255.55' (Meas.)



WELL LOCATION:
LC TRIBAL 5-21D-56
 ELEV. UNGRADED GROUND = 6662.6'

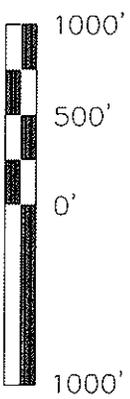
N00°37'18"E - 5265.05' (Meas.)
 N00°02'W (G.L.O.)

SECTION CORNERS LOCATED

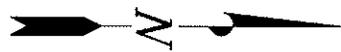
BASIS OF ELEV. Elevations are base on ON N.G.S. OPUS Correction. LOCATION: LAT. 39°58'55.06" LONG. 110°22'05.00" (Tristate Aluminum Cap) Elev. 7307.99'

NAD 83 (SURFACE LOCATION)	LATITUDE = 40°02'17.87" (40.038297)
	LONGITUDE = 110°34'20.59" (110.572386)
NAD 27 (SURFACE LOCATION)	LATITUDE = 40°02'18.01" (40.038337)
	LONGITUDE = 110°34'18.03" (110.571626)
NAD 83 (BOTTOM HOLE LOCATION)	LATITUDE = 40°02'03.75" (40.034368)
	LONGITUDE = 110°34'18.20" (110.571722)
NAD 27 (BOTTOM HOLE LOCATION)	LATITUDE = 40°02'03.87" (40.034408)
	LONGITUDE = 110°34'15.84" (110.571012)

WELL LOCATION, LC TRIBAL 5-21D-56, LOCATED AS SHOWN IN THE NW 1/4 NW 1/4 OF SECTION 21, T5S, R6W, U.S.B.&M. DUCHEESNE COUNTY, UTAH.



- NOTES:**
- Well footages are measured at right angles to the Section Lines.
 - Bearings are based on Global Positioning Satellite observations.



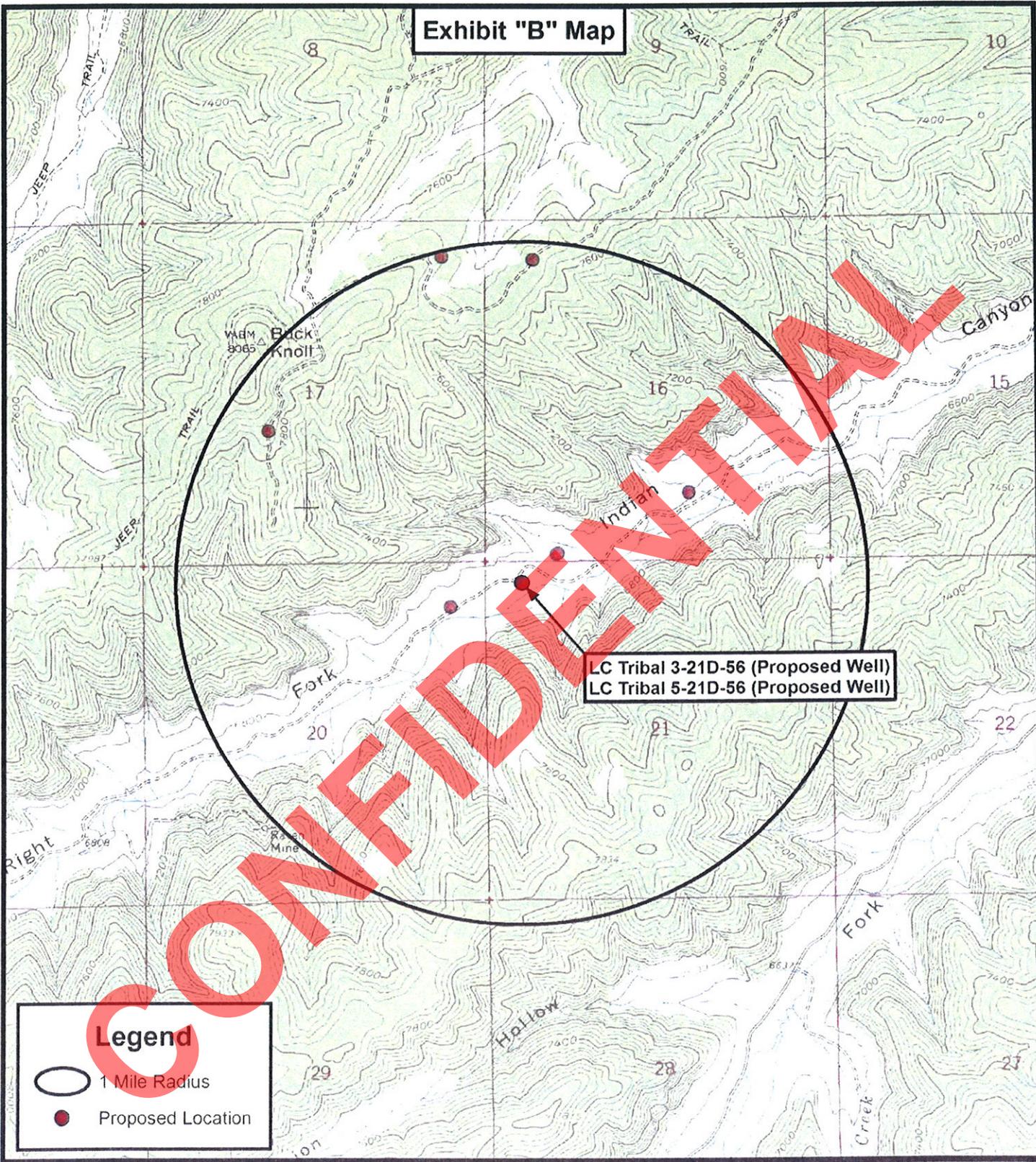
THIS IS TO CERTIFY THAT THE ABOVE PERT WAS PREPARED FROM FIELD NOTES OF A SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. 1893777

STACY W. STEWART
 REGISTERED LAND SURVEYOR
 RESTRICTION NO. 00000000
 STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING
 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
 (435) 781-2501

DATE SURVEYED: 8-10-10 SURVEYED BY: S.H.
 DATE DRAWN: 12-07-10 DRAWN BY: M.W.
 REVISED: L.C.S. 01-25-11 SCALE: 1" = 1000'

Exhibit "B" Map



Legend

- 1 Mile Radius
- Proposed Location

LC Tribal 3-21D-56 (Proposed Well)
 LC Tribal 5-21D-56 (Proposed Well)

Tri State Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
 F: (435) 781-2518

DRAWN BY:	C.H.M.
DATE:	12-08-2010
SCALE:	1" = 2,000'



BERRY PETROLEUM COMPANY

LC Tribal 3-21D-56 (Proposed Well)
 LC Tribal 5-21D-56 (Proposed Well)
 SEC. 21, T5S, R6W, U.S.B.&M.
 Duchesne County, UT.

TOPOGRAPHIC MAP

SHEET **D**



Berry Petroleum Company

Project: Duchesne Co., UT (UT27C)
 Site: Sec.21-T5S-R6W
 Well: LC Tribal 5-21D-56
 Wellbore: Wellbore #1
 Design: Design #2
 Latitude: 40° 2' 18.013 N
 Longitude: 110° 34' 18.034 W
 Ground Level: 6662.00
 WELL @ 6676.00usft (Berry Rig 5)



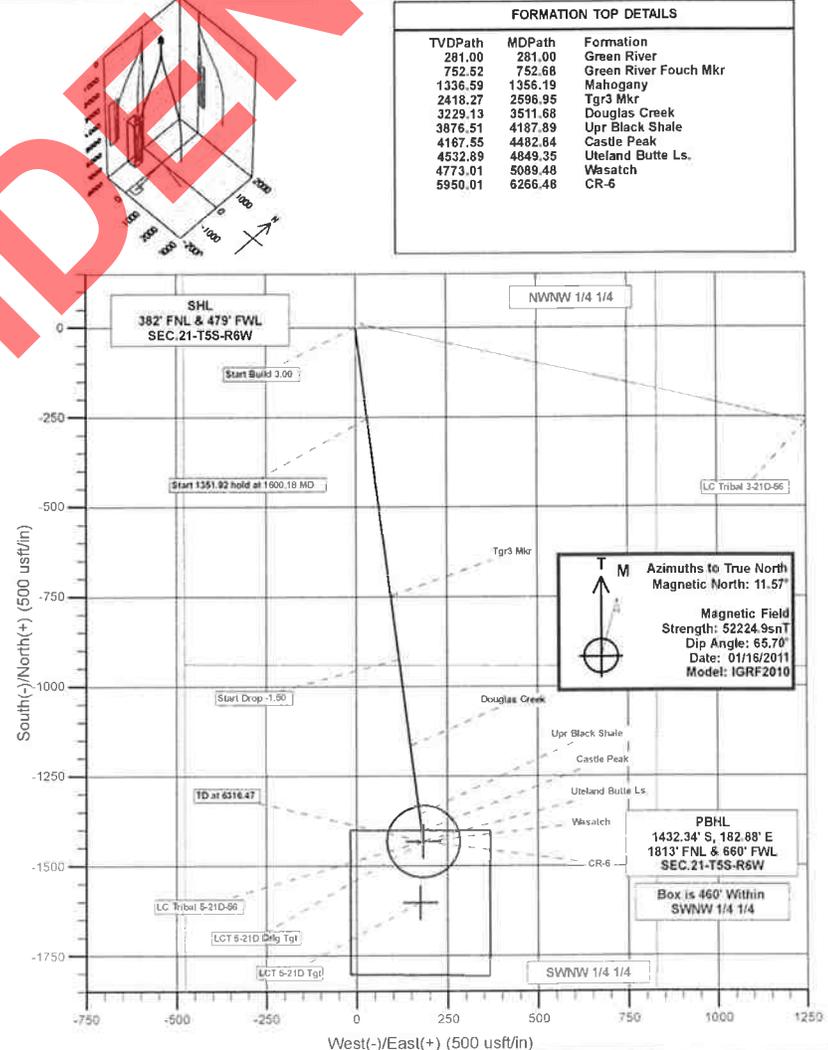
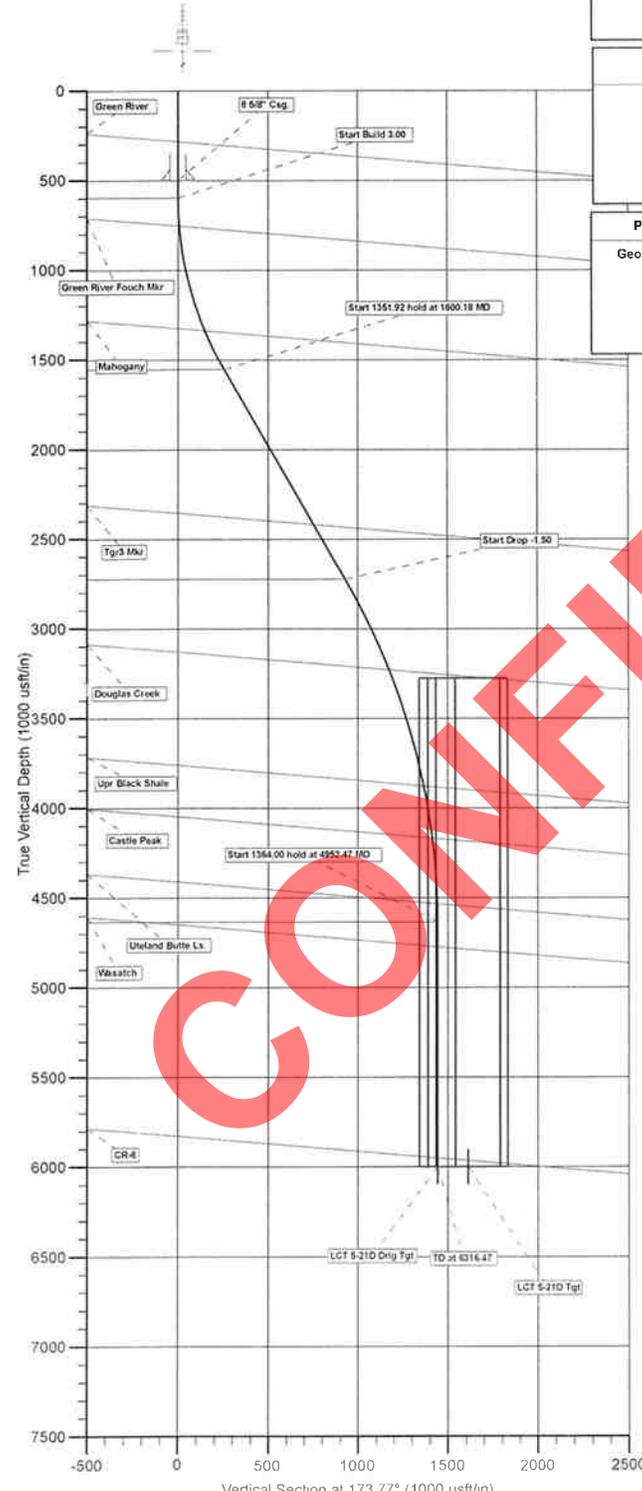
WELL DETAILS: LC Tribal 5-21D-56						
Ground Level: 6662.00						Slot
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
0.00	0.00	622358.167	2259914.044	40° 2' 18.013 N	110° 34' 18.034 W	

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)						
Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
LCT 5-21D Orig Tgt	6000.00	-1432.34	182.8840° 2' 3.857 N110° 34' 15.882 W			Circle (Radius: 100.00)
LCT 5-21D Tgt	6000.00	-1602.94	174.8640° 2' 2.171 N110° 34' 15.785 W			Polygon

SECTION DETAILS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Start Build 3.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	Start 1351.92 hold at 1600.18 MD
1600.18	30.01	172.72	1555.09	-253.90	32.42	3.00	172.72	255.92	Start Drop -1.50
2952.10	30.01	172.72	2725.02	-924.53	118.04	0.00	0.00	0.00	Start 1364.00 hold at 4952.47 MD
4952.47	0.00	0.00	4636.00	-1432.34	182.88	1.50	180.00	1443.73	TD at 6316.47
6316.47	0.00	0.00	6000.00	-1432.34	182.88	0.00	0.00	1443.73	

PROJECT DETAILS: Duchesne Co., UT (UT27C)		REFERENCE INFORMATION	
Geodetic System: US State Plane 1927 (Exact solution)		Co-ordinate (N/E) Reference: Well LC Tribal 5-21D-56, True North	
Datum: NAD 1927 (NADCON CONUS)		Vertical (TVD) Reference: WELL @ 6676.00usft (Berry Rig 5)	
Ellipsoid: Clarke 1866		Section (VS) Reference: Slot - (0.00N, 0.00E)	
Zone: Utah Central 4302		Measured Depth Reference: WELL @ 6676.00usft (Berry Rig 5)	
System Datum: Mean Sea Level		Calculation Method: Minimum Curvature	

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
281.00	281.00	Green River
752.52	752.68	Green River Fouch Mkr
1356.59	1356.19	Mahogany
2418.27	2598.95	Tgr3 Mkr
3229.13	3511.68	Douglas Creek
3876.51	4187.89	Upr Black Shale
4167.55	4482.64	Castle Peak
4532.89	4849.35	Uteland Butte Ls.
4773.01	5089.48	Wasatch
5950.01	6266.48	CR-6



Plan: Design #2 (LC Tribal 5-21D-56/Wellbore #1)

Created By: BRET WOLFORD Date: 14:49, January 20 2011

Great White Directional Services, LLC
Planning Report



Database:	EDM 5000.1 EDMDBBW	Local Co-ordinate Reference:	Well LC Tribal 5-21D-56
Company:	Berry Petroleum Company	TVD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Project:	Duchesne Co., UT (UT27C)	MD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Site:	Sec.21-T5S-R6W	North Reference:	True
Well:	LC Tribal 5-21D-56	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

Project	Duchesne Co., UT (UT27C)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Utah Central 4302		

Site	Sec.21-T5S-R6W				
Site Position:		Northing:	622,358.171 usft	Latitude:	40° 2' 18.013 N
From:	Lat/Long	Easting:	2,259,914.043 usft	Longitude:	110° 34' 18.034 W
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16"	Grid Convergence:	0.59 °

Well	LC Tribal 5-21D-56					
Well Position	+N/-S	0.00 usft	Northing:	622,358.167 usft	Latitude:	40° 2' 18.013 N
	+E/-W	0.00 usft	Easting:	2,259,914.044 usft	Longitude:	110° 34' 18.034 W
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	6,662.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	01/16/11	11.57	65.70	52,225

Design	Design #2				
Audit Notes:					
Version:	Phase:	PLAN	Tie On Depth:	0.00	
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	173.77	

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.18	30.01	172.72	1,555.09	-253.90	32.42	3.00	3.00	0.00	172.72	
2,952.10	30.01	172.72	2,725.82	-924.53	118.04	0.00	0.00	0.00	0.00	
4,952.47	0.00	0.00	4,636.00	-1,432.34	182.88	1.50	-1.50	0.00	180.00	
6,316.47	0.00	0.00	6,000.00	-1,432.34	182.88	0.00	0.00	0.00	0.00	

Great White Directional Services, LLC
Planning Report



Database:	EDM 5000.1 EDMDBBW	Local Co-ordinate Reference:	Well LC Tribal 5-21D-56
Company:	Berry Petroleum Company	TVD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Project:	Duchesne Co., UT (UT27C)	MD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Site:	Sec.21-T5S-R6W	North Reference:	True
Well:	LC Tribal 5-21D-56	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
Green River									
281.00	0.00	0.00	281.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
8 5/8" Csg.									
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 3.00									
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	3.00	172.72	699.95	-2.60	0.33	2.62	3.00	3.00	0.00
Green River Fouch Mkr									
752.68	4.58	172.72	752.52	-6.05	0.77	6.10	3.00	3.00	0.00
800.00	6.00	172.72	799.63	-10.38	1.33	10.46	3.00	3.00	0.00
900.00	9.00	172.72	898.77	-23.32	2.98	23.51	3.00	3.00	0.00
1,000.00	12.00	172.72	997.08	-41.40	5.29	41.73	3.00	3.00	0.00
1,100.00	15.00	172.72	1,094.31	-64.55	8.24	65.07	3.00	3.00	0.00
1,200.00	18.00	172.72	1,190.18	-92.72	11.84	93.46	3.00	3.00	0.00
1,300.00	21.00	172.72	1,284.43	-125.83	16.07	126.83	3.00	3.00	0.00
Mahogany									
1,356.19	22.69	172.72	1,336.59	-146.57	18.71	147.73	3.00	3.00	0.00
1,400.00	24.00	172.72	1,376.81	-163.79	20.91	165.09	3.00	3.00	0.00
1,500.00	27.00	172.72	1,467.06	-206.49	26.36	208.13	3.00	3.00	0.00
Start 1351.92 hold at 1600.18 MD									
1,600.18	30.01	172.72	1,555.09	-253.90	32.42	255.92	3.00	3.00	0.00
1,700.00	30.01	172.72	1,641.53	-303.42	38.74	305.83	0.00	0.00	0.00
1,800.00	30.01	172.72	1,728.13	-353.02	45.07	355.83	0.00	0.00	0.00
1,900.00	30.01	172.72	1,814.72	-402.63	51.41	405.83	0.00	0.00	0.00
2,000.00	30.01	172.72	1,901.32	-452.23	57.74	455.83	0.00	0.00	0.00
2,100.00	30.01	172.72	1,987.92	-501.84	64.07	505.83	0.00	0.00	0.00
2,200.00	30.01	172.72	2,074.52	-551.45	70.41	555.83	0.00	0.00	0.00
2,300.00	30.01	172.72	2,161.11	-601.05	76.74	605.83	0.00	0.00	0.00
2,400.00	30.01	172.72	2,247.71	-650.66	83.08	655.83	0.00	0.00	0.00
2,500.00	30.01	172.72	2,334.31	-700.26	89.41	705.83	0.00	0.00	0.00
Tgr3 Mkr									
2,596.95	30.01	172.72	2,418.27	-748.36	95.55	754.31	0.00	0.00	0.00
2,600.00	30.01	172.72	2,420.91	-749.87	95.74	755.83	0.00	0.00	0.00
2,700.00	30.01	172.72	2,507.50	-799.47	102.08	805.83	0.00	0.00	0.00
2,800.00	30.01	172.72	2,594.10	-849.08	108.41	855.83	0.00	0.00	0.00
2,900.00	30.01	172.72	2,680.70	-898.69	114.74	905.83	0.00	0.00	0.00
Start Drop -1.50									
2,952.10	30.01	172.72	2,725.82	-924.53	118.04	931.88	0.00	0.00	0.00
3,000.00	29.29	172.72	2,767.45	-948.03	121.04	955.57	1.50	-1.50	0.00
3,100.00	27.79	172.72	2,855.29	-995.42	127.09	1,003.33	1.50	-1.50	0.00
3,200.00	26.29	172.72	2,944.36	-1,040.51	132.85	1,048.78	1.50	-1.50	0.00
3,300.00	24.79	172.72	3,034.59	-1,083.27	138.31	1,091.88	1.50	-1.50	0.00
3,400.00	23.29	172.72	3,125.92	-1,123.67	143.47	1,132.61	1.50	-1.50	0.00
3,500.00	21.79	172.72	3,218.28	-1,161.69	148.32	1,170.93	1.50	-1.50	0.00
Douglas Creek									
3,511.68	21.61	172.72	3,229.13	-1,165.98	148.87	1,175.25	1.50	-1.50	0.00
3,600.00	20.29	172.72	3,311.61	-1,197.30	152.87	1,206.82	1.50	-1.50	0.00
3,700.00	18.79	172.72	3,405.85	-1,230.47	157.11	1,240.25	1.50	-1.50	0.00



Great White Directional Services, LLC
Planning Report



Database:	EDM 5000.1 EDMDBBW	Local Co-ordinate Reference:	Well LC Tribal 5-21D-56
Company:	Berry Petroleum Company	TVD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Project:	Duchesne Co., UT (UT27C)	MD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Site:	Sec.21-T5S-R6W	North Reference:	True
Well:	LC Tribal 5-21D-56	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
3,800.00	17.29	172.72	3,500.93	-1,261.18	161.03	1,271.21	1.50	-1.50	0.00
3,900.00	15.79	172.72	3,596.79	-1,289.42	164.63	1,299.67	1.50	-1.50	0.00
4,000.00	14.29	172.72	3,693.37	-1,315.15	167.92	1,325.61	1.50	-1.50	0.00
4,100.00	12.79	172.72	3,790.59	-1,338.37	170.88	1,349.01	1.50	-1.50	0.00
Upr Black Shale									
4,187.89	11.47	172.72	3,876.51	-1,356.69	173.22	1,367.47	1.50	-1.50	0.00
4,200.00	11.29	172.72	3,888.38	-1,359.06	173.52	1,369.86	1.50	-1.50	0.00
4,300.00	9.79	172.72	3,986.69	-1,377.20	175.84	1,388.14	1.50	-1.50	0.00
4,400.00	8.29	172.72	4,085.45	-1,392.78	177.83	1,403.85	1.50	-1.50	0.00
Castle Peak									
4,482.84	7.04	172.72	4,167.55	-1,403.74	179.23	1,414.90	1.50	-1.50	0.00
4,500.00	6.79	172.72	4,184.58	-1,405.79	179.49	1,416.96	1.50	-1.50	0.00
4,600.00	5.29	172.72	4,284.03	-1,416.22	180.82	1,427.48	1.50	-1.50	0.00
4,700.00	3.79	172.72	4,383.71	-1,424.07	181.82	1,435.39	1.50	-1.50	0.00
4,800.00	2.29	172.72	4,483.57	-1,429.32	182.49	1,440.68	1.50	-1.50	0.00
Uteland Butte Ls.									
4,849.35	1.55	172.72	4,532.89	-1,430.96	182.70	1,442.33	1.50	-1.50	0.00
4,900.00	0.79	172.72	4,583.53	-1,431.98	182.83	1,443.36	1.50	-1.50	0.00
Start 1364.00 hold at 4952.47 MD									
4,952.47	0.00	0.00	4,636.00	-1,432.34	182.88	1,443.73	1.50	-1.50	0.00
5,000.00	0.00	0.00	4,683.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
Wasatch									
5,089.48	0.00	0.00	4,773.01	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
5,100.00	0.00	0.00	4,783.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
5,200.00	0.00	0.00	4,883.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
5,300.00	0.00	0.00	4,983.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
5,400.00	0.00	0.00	5,083.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
5,500.00	0.00	0.00	5,183.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
5,600.00	0.00	0.00	5,283.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
5,700.00	0.00	0.00	5,383.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
5,800.00	0.00	0.00	5,483.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
5,900.00	0.00	0.00	5,583.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
6,000.00	0.00	0.00	5,683.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
6,100.00	0.00	0.00	5,783.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
6,200.00	0.00	0.00	5,883.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
CR-6									
6,266.48	0.00	0.00	5,950.01	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
6,300.00	0.00	0.00	5,983.53	-1,432.34	182.88	1,443.73	0.00	0.00	0.00
TD at 6316.47 - LCT 5-21D Drlg Tgt - LCT 5-21D Tgt									
6,316.47	0.00	0.00	6,000.00	-1,432.34	182.88	1,443.73	0.00	0.00	0.00

Great White Directional Services, LLC
Planning Report



Database:	EDM 5000.1 EDMDBBW	Local Co-ordinate Reference:	Well LC Tribal 5-21D-56
Company:	Berry Petroleum Company	TVD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Project:	Duchesne Co., UT (UT27C)	MD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Site:	Sec.21-T5S-R6W	North Reference:	True
Well:	LC Tribal 5-21D-56	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
LCT 5-21D Drig Tgt - plan hits target center - Circle (radius 100.00)	0.00	0.00	6,000.00	-1,432.34	182.88	620,927.802	2,260,111.779	40° 2' 3.857 N	110° 34' 15.682 W
LCT 5-21D Tgt - plan misses target center by 170.79usft at 6316.47usft MD (6000.00 TVD, -1432.34 N, 182.88 E) - Polygon	0.00	0.00	6,000.00	-1,602.94	174.86	620,757.128	2,260,105.530	40° 2' 2.171 N	110° 34' 15.785 W
Point 1			6,000.00	202.34	-192.03	620,957.46	2,259,911.41		
Point 2			6,000.00	200.11	-192.55	620,959.23	2,260,295.99		
Point 3			6,000.00	-202.08	190.98	620,557.04	2,260,298.60		
Point 4			6,000.00	-200.38	-191.50	620,554.77	2,259,916.12		
Point 5			6,000.00	202.35	-192.03	620,957.47	2,259,911.41		

Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
500.00	500.00	8 5/8" Csg.	8-5/8	11

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
281.00	281.00	Green River		4.87	173.77
752.68	752.00	Green River Fouch Mkr		4.87	173.77
1,356.19	1,324.00	Mahogany		4.87	173.77
2,596.95	2,354.00	Tgr3 Mkr		4.87	173.77
3,511.68	3,129.00	Douglas Creek		4.87	173.77
4,187.89	3,760.00	Upr Black Shale		4.87	173.77
4,482.84	4,047.00	Castle Peak		4.87	173.77
4,849.35	4,410.00	Uteland Butte Ls.		4.87	173.77
5,089.48	4,650.00	Wasatch		4.87	173.77
6,266.48	5,827.00	CR-6		4.87	173.77

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
600.00	600.00	0.00	0.00	Start Build 3.00
1,600.18	1,555.09	-253.90	32.42	Start 1351.92 hold at 1600.18 MD
2,952.10	2,725.82	-924.53	118.04	Start Drop -1.50
4,952.47	4,636.00	-1,432.34	182.88	Start 1364.00 hold at 4952.47 MD
6,316.47	6,000.00	-1,432.34	182.88	TD at 6316.47



Berry Petroleum Company

Duchesne Co., UT (UT27C)

Sec.21-T5S-R6W

LC Tribal 5-21D-56

Wellbore #1

Design #2

Anticollision Report

20 January, 2011

CONFIDENTIAL



Great White Directional Services, LLC
Anticollision Report



Company:	Berry Petroleum Company	Local Co-ordinate Reference:	Well LC Tribal 5-21D-56
Project:	Duchesne Co., UT (UT27C)	TVD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Reference Site:	Sec.21-T5S-R6W	MD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	LC Tribal 5-21D-56	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.1 EDMDBBW
Reference Design:	Design #2	Offset TVD Reference:	Offset Datum

Reference	Design #2
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria
Interpolation Method:	Stations
Depth Range:	Unlimited
Results Limited by:	Maximum center-center distance of 9,999.98 usft
Warning Levels Evaluated at:	2.00 Sigma
Error Model:	ISCWSA
Scan Method:	Closest Approach 3D
Error Surface:	Elliptical Conic
Casing Method:	Not applied

Survey Tool Program	Date	01/20/11
From (usft)	To (usft)	Survey (Wellbore)
0.00	6,316.47	Design #2 (Wellbore #1)
	Tool Name	Description
	MWD	MWD - Standard

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Sec.21-T5S-R6W						
LC Tribal 3-21D-56 - Wellbore #1 - Design #2	600.00	600.00	20.10	17.66	8.234	CC, ES
LC Tribal 3-21D-56 - Wellbore #1 - Design #2	700.00	699.11	23.00	20.15	8.074	SF

Offset Design												Sec.21-T5S-R6W - LC Tribal 3-21D-56 - Wellbore #1 - Design #2	Offset Site Error:	0.00 usft
Survey Program:												0-MWD	Offset Well Error:	0.00 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Semi Major Axis Highside Toolface (*)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	0.00	0.00	63.07	9.10	17.92	20.10					
100.00	100.00	100.00	100.00	0.10	0.10	63.07	9.10	17.92	20.10	19.90	0.19	103,975		
200.00	200.00	200.00	200.00	0.32	0.32	63.07	9.10	17.92	20.10	19.46	0.64	31,265		
300.00	300.00	300.00	300.00	0.55	0.55	63.07	9.10	17.92	20.10	19.01	1.09	18,399		
400.00	400.00	400.00	400.00	0.77	0.77	63.07	9.10	17.92	20.10	18.56	1.54	13,035		
500.00	500.00	500.00	500.00	1.00	1.00	63.07	9.10	17.92	20.10	18.11	1.99	10,092		
600.00	600.00	600.00	600.00	1.22	1.22	63.07	9.10	17.92	20.10	17.66	2.44	8,234 CC, ES		
700.00	699.95	699.11	699.06	1.42	1.43	-111.59	8.54	20.43	23.00	20.15	2.85	8,074 SF		
800.00	799.63	797.68	797.33	1.61	1.64	-115.21	6.88	27.90	31.77	28.52	3.25	9,772		
900.00	898.77	895.22	894.04	1.83	1.88	-118.09	4.16	40.15	46.47	42.75	3.71	12,517		
1,000.00	997.08	991.23	988.50	2.12	2.17	-119.84	0.43	56.90	66.99	62.74	4.25	15,752		
1,100.00	1,094.31	1,085.29	1,080.08	2.49	2.53	-120.77	-4.21	77.78	93.16	88.27	4.89	19,046		
1,200.00	1,190.18	1,177.00	1,168.26	2.96	2.95	-121.17	-9.68	102.36	124.78	119.14	5.64	22,115		
1,300.00	1,284.43	1,266.04	1,252.62	3.52	3.45	-121.20	-15.86	130.14	161.62	155.10	6.51	24,821		
1,400.00	1,376.81	1,352.16	1,332.87	4.18	4.02	-120.96	-22.64	160.64	203.41	195.92	7.50	27,134		
1,500.00	1,467.06	1,435.15	1,408.78	4.94	4.65	-120.51	-29.91	193.34	249.91	241.32	8.59	29,088		
1,600.18	1,555.09	1,515.01	1,480.40	5.80	5.33	-119.87	-37.58	227.82	300.93	291.13	9.79	30,725		
1,700.00	1,641.53	1,591.94	1,547.94	6.72	6.07	-120.38	-45.57	263.77	354.80	343.69	11.11	31,944		
1,800.00	1,728.13	1,674.60	1,619.53	7.66	6.92	-120.51	-54.54	304.10	409.85	397.34	12.51	32,755		
1,900.00	1,814.72	1,758.07	1,691.82	8.60	7.79	-120.60	-63.61	344.85	464.92	450.97	13.95	33,326		
2,000.00	1,901.32	1,841.54	1,764.10	9.55	8.68	-120.68	-72.67	385.59	519.99	504.58	15.41	33,745		
2,100.00	1,987.92	1,925.01	1,836.39	10.51	9.57	-120.74	-81.73	426.34	575.06	558.17	16.88	34,059		
2,200.00	2,074.52	2,008.48	1,908.67	11.48	10.47	-120.79	-90.79	467.08	630.13	611.76	18.37	34,300		
2,300.00	2,161.11	2,091.95	1,980.95	12.44	11.36	-120.84	-99.85	507.83	685.20	665.33	19.87	34,487		
2,400.00	2,247.71	2,175.42	2,053.24	13.41	12.29	-120.87	-108.91	548.57	740.27	718.89	21.37	34,636		

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation



Great White Directional Services, LLC
Anticollision Report



Company:	Berry Petroleum Company	Local Co-ordinate Reference:	Well LC Tribal 5-21D-56
Project:	Duchesne Co., UT (UT27C)	TVD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Reference Site:	Sec.21-T5S-R6W	MD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	LC Tribal 5-21D-56	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2,00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.1 EDMDBBW
Reference Design:	Design #2	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: O-MWD													Offset Well Error:	0.00 usft
Reference													Warning	
Measured Depth (usft)	Vertical Depth (usft)	Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance		Minimum Separation (usft)	Separation Factor		
		Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/S (usft)	+E/W (usft)	Between Centres (usft)	Between Ellipses (usft)				
2,500.00	2,334.31	2,258.89	2,125.52	14.38	13.20	-120.90	-117.97	589.31	795.34	772.45	22.88	34.756		
2,600.00	2,420.91	2,342.36	2,197.81	15.35	14.11	-120.93	-127.04	630.06	850.41	826.01	24.40	34.854		
2,700.00	2,507.50	2,425.83	2,270.09	16.33	15.03	-120.95	-136.10	670.80	905.48	879.56	25.92	34.936		
2,800.00	2,594.10	2,509.30	2,342.37	17.30	15.94	-120.97	-145.16	711.55	960.55	933.10	27.44	35.003		
2,900.00	2,680.70	2,592.77	2,414.66	18.28	16.86	-120.99	-154.22	752.29	1,015.62	986.65	28.97	35.061		
2,952.10	2,725.82	2,636.26	2,452.32	18.78	17.34	-121.00	-158.94	773.52	1,044.31	1,014.55	29.76	35.087		
3,000.00	2,767.45	2,676.32	2,487.02	19.19	17.78	-121.40	-163.29	793.08	1,070.56	1,040.06	30.49	35.108		
3,100.00	2,855.29	2,760.50	2,559.91	19.89	18.71	-122.10	-172.43	834.16	1,124.51	1,092.59	31.92	35.230		
3,200.00	2,944.36	2,854.86	2,641.85	20.58	19.65	-122.64	-182.59	879.85	1,177.09	1,143.75	33.36	35.299		
3,300.00	3,034.59	2,958.48	2,733.04	21.26	20.57	-123.11	-193.27	927.87	1,227.37	1,192.61	34.76	35.310		
3,400.00	3,125.92	3,064.77	2,827.93	21.90	21.47	-123.54	-203.66	974.61	1,275.15	1,239.00	36.15	35.276		
3,500.00	3,218.28	3,173.68	2,926.51	22.52	22.35	-123.93	-213.71	1,019.81	1,320.33	1,282.83	37.50	35.208		
3,600.00	3,311.61	3,285.16	3,028.74	23.12	23.19	-124.29	-223.37	1,063.21	1,362.82	1,324.01	38.81	35.117		
3,700.00	3,405.85	3,399.13	3,134.54	23.68	23.99	-124.62	-232.56	1,104.56	1,402.53	1,362.47	40.06	35.008		
3,800.00	3,500.93	3,515.49	3,243.81	24.20	24.74	-124.93	-241.24	1,143.57	1,439.37	1,398.12	41.25	34.892		
3,900.00	3,596.79	3,634.11	3,356.41	24.70	25.43	-125.21	-249.33	1,179.97	1,473.25	1,430.88	42.37	34.770		
4,000.00	3,693.37	3,754.86	3,472.17	25.16	26.08	-125.47	-256.79	1,213.51	1,504.10	1,460.69	43.42	34.644		
4,100.00	3,790.59	3,877.57	3,590.85	25.58	26.66	-125.71	-263.55	1,243.91	1,531.84	1,487.46	44.39	34.517		
4,200.00	3,888.38	4,002.06	3,712.21	25.96	27.19	-125.94	-269.56	1,270.84	1,556.39	1,511.14	45.26	34.390		
4,300.00	3,986.69	4,128.12	3,835.96	26.31	27.64	-126.15	-274.77	1,294.36	1,577.70	1,531.67	46.04	34.270		
4,400.00	4,085.45	4,255.53	3,961.78	26.61	28.03	-126.34	-279.13	1,313.97	1,595.72	1,548.99	46.72	34.151		
4,500.00	4,184.58	4,384.07	4,089.31	26.88	28.35	-126.53	-282.61	1,329.59	1,610.38	1,563.07	47.32	34.033		
4,600.00	4,284.03	4,513.46	4,218.16	27.11	28.61	-126.70	-285.16	1,341.07	1,621.67	1,573.86	47.81	33.916		
4,700.00	4,383.71	4,643.47	4,347.95	27.30	28.80	-126.87	-286.77	1,348.31	1,629.55	1,581.34	48.21	33.802		
4,800.00	4,483.57	4,773.81	4,478.25	27.45	28.93	-127.03	-287.42	1,351.24	1,633.99	1,585.48	48.51	33.685		
4,900.00	4,583.53	4,879.09	4,583.53	27.56	29.01	-127.13	-287.44	1,351.31	1,635.64	1,586.92	48.72	33.574		
4,952.47	4,636.00	4,931.56	4,636.00	27.60	29.04	45.58	-287.44	1,351.31	1,635.86	1,587.05	48.81	33.518		
5,000.00	4,683.53	4,979.09	4,683.53	27.64	29.08	45.58	-287.44	1,351.31	1,635.86	1,586.97	48.88	33.464		
5,100.00	4,783.53	5,079.09	4,783.53	27.71	29.15	45.58	-287.44	1,351.31	1,635.86	1,586.80	49.05	33.350		
5,200.00	4,883.53	5,179.09	4,883.53	27.78	29.23	45.58	-287.44	1,351.31	1,635.86	1,586.63	49.22	33.234		
5,300.00	4,983.53	5,279.09	4,983.53	27.86	29.30	45.58	-287.44	1,351.31	1,635.86	1,586.46	49.40	33.116		
5,400.00	5,083.53	5,379.09	5,083.53	27.94	29.38	45.58	-287.44	1,351.31	1,635.86	1,586.28	49.58	32.997		
5,500.00	5,183.53	5,479.09	5,183.53	28.02	29.46	45.58	-287.44	1,351.31	1,635.86	1,586.10	49.76	32.877		
5,600.00	5,283.53	5,579.09	5,283.53	28.10	29.54	45.58	-287.44	1,351.31	1,635.86	1,585.91	49.94	32.755		
5,700.00	5,383.53	5,679.09	5,383.53	28.18	29.62	45.58	-287.44	1,351.31	1,635.86	1,585.73	50.13	32.632		
5,800.00	5,483.53	5,779.09	5,483.53	28.27	29.71	45.58	-287.44	1,351.31	1,635.86	1,585.54	50.32	32.508		
5,900.00	5,583.53	5,879.09	5,583.53	28.35	29.79	45.58	-287.44	1,351.31	1,635.86	1,585.34	50.52	32.383		
6,000.00	5,683.53	5,979.09	5,683.53	28.44	29.88	45.58	-287.44	1,351.31	1,635.86	1,585.14	50.71	32.256		
6,100.00	5,783.53	6,079.09	5,783.53	28.53	29.97	45.58	-287.44	1,351.31	1,635.86	1,584.94	50.92	32.129		
6,200.00	5,883.53	6,179.09	5,883.53	28.62	30.06	45.58	-287.44	1,351.31	1,635.86	1,584.74	51.12	32.000		
6,300.00	5,983.53	6,279.09	5,983.53	28.71	30.15	45.58	-287.44	1,351.31	1,635.86	1,584.53	51.33	31.871		
6,316.47	6,000.00	6,295.56	6,000.00	28.72	30.17	45.58	-287.44	1,351.31	1,635.86	1,584.49	51.36	31.850		

Great White Directional Services, LLC
Anticollision Report



Company:	Berry Petroleum Company	Local Co-ordinate Reference:	Well LC Tribal 5-21D-56
Project:	Duchesne Co., UT (UT27C)	TVD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Reference Site:	Sec.21-T5S-R6W	MD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	LC Tribal 5-21D-56	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.1 EDMDBBW
Reference Design:	Design #2	Offset TVD Reference:	Offset Datum

Reference Depths are relative to WELL @ 6676.00usft (Berry Rig 5) Coordinates are relative to: LC Tribal 5-21D-56
 Offset Depths are relative to Offset Datum Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302
 Central Meridian is 111° 30' 0.000 W Grid Convergence at Surface is: 0.59°



Great White Directional Services, LLC
Anticollision Report



Company:	Berry Petroleum Company	Local Co-ordinate Reference:	Well LC Tribal 5-21D-56
Project:	Duchesne Co., UT (UT27C)	TVD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Reference Site:	Sec.21-T5S-R6W	MD Reference:	WELL @ 6676.00usft (Berry Rig 5)
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Reference Well:	LC Tribal 5-21D-56	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.1 EDMDBBW
Reference Design:	Design #2	Offset TVD Reference:	Offset Datum

Reference Depths are relative to WELL @ 6676.00usft (Berry Rig 5)
Offset Depths are relative to Offset Datum
Central Meridian is 111° 30' 0.000 W

Coordinates are relative to: LC Tribal 5-21D-56
Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302
Grid Convergence at Surface is: 0.59°

Separation Factor Plot



LEGEND

▲ LC Tribal 3-21D-56, Wellbore #1, Design #2 V0

SURFACE DAMAGE AND RIGHT-OF-WAY SETTLEMENT AGREEMENT

KNOW ALL MEN BY THESE PRESENTS, THAT:

WHEREAS, Larry Fogel whose address is 280 Addison Circle, Fowlerville, MI 48836-7705 (hereinafter referred to as GRANTOR, whether one or more), is the owner of the surface of the following described property located in Duchesne County, Utah, to-wit:

TOWNSHIP 5 SOUTH, RANGE 6 WEST, USM
Section 21: SW/4 NW/4

See Exhibit "A" Attached hereto

and Berry Petroleum Company, whose address is 1999 Broadway, Suite 3700, Denver Colorado, 80202 (hereinafter referred to as GRANTEE), owns leases covering oil, gas and mineral rights in, under and upon said property; and

WHEREAS, Grantee desires to construct and maintain a well site, an access road and a pipeline or pipelines and appurtenances thereto on a portion of said property.

NOW THEREFORE, for in consideration of the sum of ten dollars (\$10.00) and other good and valuable considerations, the receipt and sufficiency of which is hereby acknowledged, Grantor does hereby grant, sell and convey unto Grantee, its successors and assigns, the easement and right to use that portion of the herein above described property as may be necessary to construct, use, maintain a well site for the drilling, completion and operation of an oil & gas well (including but not limited to pumping facilities and tank battery) and to construct, trench, maintain, operate, replace, remove, protect, or abandon a pipeline or pipelines for water or gas with appurtenances thereto, including, but not limited to, valves, metering equipment, and cathodic equipment; to construct, maintain, relocate, or abandon a road (said well site, pipelines, appurtenance, valves, metering equipment, cathodic equipment and road being sometimes collectively call the "facilities") over, under, and through the hereinafter described land as described in the attached Exhibit "A".

Grantor acknowledges the receipt and sufficiency of the above described consideration as payment for all damages to Grantor's trees, timber, growing crops, and other vegetation being cultivated on said land by the undersigned or their respective lessees, tenants or assigns caused by the construction, maintenance, protection, repair, replacement or removal of the facilities as described in the attached exhibits and agrees that the payment and acceptance of the consideration set forth above is in full and complete payment, settlement, compromise and satisfaction of any and all of the above-mentioned losses, liabilities, claims, damages, demands and causes of action for any and all injuries and damage to the surface of the land hereinbelow described and to any appurtenances or improvements thereon, and for any and all claims including but not limited to loss of potential rental income, damages to and/or loss of livestock and wildlife, arising directly or indirectly in connection with the operations thereon by Grantee, its employees, agents, contractors, or subcontractors in connection with the above-mentioned operations of Grantee.

Grantee shall have the free right of ingress and egress to, over, upon, through and across said right-of-way and easement for any and all purposes that may be necessary or incidental to the maintenance of the right-of-way and easement, with the right to use existing roads which enter Grantor's property for the purpose of constructing, inspecting, repairing and maintaining the facilities and the removal or replacement of same at will, either in whole or in part, and the replacement of said pipeline or pipelines with either like or different size pipe. During temporary periods, Grantee may use such portions of the property along and adjacent to said right-of-way as may be necessary in connection with construction, maintenance, repair, removal or replacement of the facilities and if such use cause any damages to Grantor's lands outside of the above described right-of-way, Grantee shall pay Grantor for such damages.

Grantor reserves the right to the use and enjoyment of said property except for the purposes herein granted, but such use shall not hinder conflict or interfere with Grantee's surface or subsurface rights hereunder or disturb its facilities. No road, reservoir, excavation, obstruction or structure shall be constructed, created or maintained on, over, along or within the lands covered by this right-of-way without Grantee's prior written consent.

If Grantee desires to remove any trees adjacent to said right-of-way at a later date which may be hazardous to the maintenance and use of the facilities on the right-of-way, Grantee shall first obtain approval from Grantor in writing, Grantor's approval not to be unreasonably withheld, and after receipt of such approval, may proceed to cut and remove such trees subject to payment of additional timber damages, if any are determined.

The undersigned Grantor hereby covenants and warrants that he is the surface owner of the above-described land, and has the right to enter into this Agreement.

FOR THE SAME CONSIDERATION RECITED ABOVE, Grantor and Grantee do hereby release, discharge and acquit the other from any and all liability, and shall indemnify the other against any and all claims and demands for damages, attorneys fees, injury or loss, existing now or done hereafter, to the surface of said lands or to any third parties arising out of or being the result of their or, their agents, contractors, licensees, permittees, successors and assigns own activities on or use of the subject property. However, such parties' potential liability under this paragraph to the other shall be limited to the acts and/or omission of it, or its predecessors, agents, contractors, licensees, permittees, successors, and assigns, and shall not include any acts and/or omissions of the other party, its agents, contractors, licensees, permittees, successors or assigns. Grantee shall reasonably maintain the subject property in order to prevent unnecessary deterioration of the surface and to keep the property in an uncluttered condition.

TO HAVE AND TO HOLD the above described rights and easements, together with all rights necessary to operate and maintain the facilities over the right-of-way hereby granted unto the said Grantee, its successors and assigns, until such time as the right-of-way and easement is abandoned under the terms stipulated herein. The Grantee may assign the rights and easements herein granted, either in whole or in part, subject to the terms of this grant, and such rights and easements shall be covenants running with the land and are binding upon Grantor, Grantor's heirs, legal representatives and successors in title. Upon abandonment, at the request of the Grantor, Grantee shall execute and deliver to Grantor a document in recordable form evidencing said abandonment. Also, upon abandonment, at the request of the Grantor, Grantee shall restore the surface used under the terms of this Agreement to as near its original condition as is possible.

The making, execution and delivery of this document by Grantor has been induced by no representations, statements, warranties, or other agreements other than those herein expressed. This agreement embodies the entire understanding of the parties, and this instrument may be amended or modified only by subsequent written agreement of the parties.

Grantee shall maintain all roads used pursuant to this Agreement and shall install culverts where necessary to insure adequate drainage from all roads. Grantee shall also install cattle guards where the roads go thru fences, if any.

This agreement shall inure to the benefit of the parties hereto, their heirs, successors, and assigns and shall be a burden running with the land.

IN WITNESS WHEREOF, the parties have executed this Surface Damage and Right-of-Way Settlement Agreement effective as of the 2 day of May, 2011.

GRANTOR

By: Larry Fogel
Larry Fogel

STATE OF MI §

§
COUNTY OF Livingston §

BEFORE ME, the undersigned, a Notary Public, in and for said County and State on this 2 day of May, 2011, Larry Fogel personally appeared to me known to be the identical person(s) described in and who executed the within and foregoing instrument of writing and acknowledged to me that he duly executed the same as his free and voluntary act and deed for the purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

Ronda T. Baibak
Notary Public

My Commission Expires: _____
RONDA T. BAIBAK
Notary Public Livingston County, MI
My Commission Expires 11-11-2015
Acting in Livingston County

CONFIDENTIAL

Section 21
(Set Marked Stone)

5255.55' (Measured)
S8915'29"E (Basis of Bearings)

Section Line

BERRY PETROLEUM COMPANY

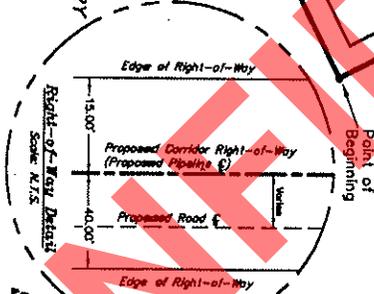
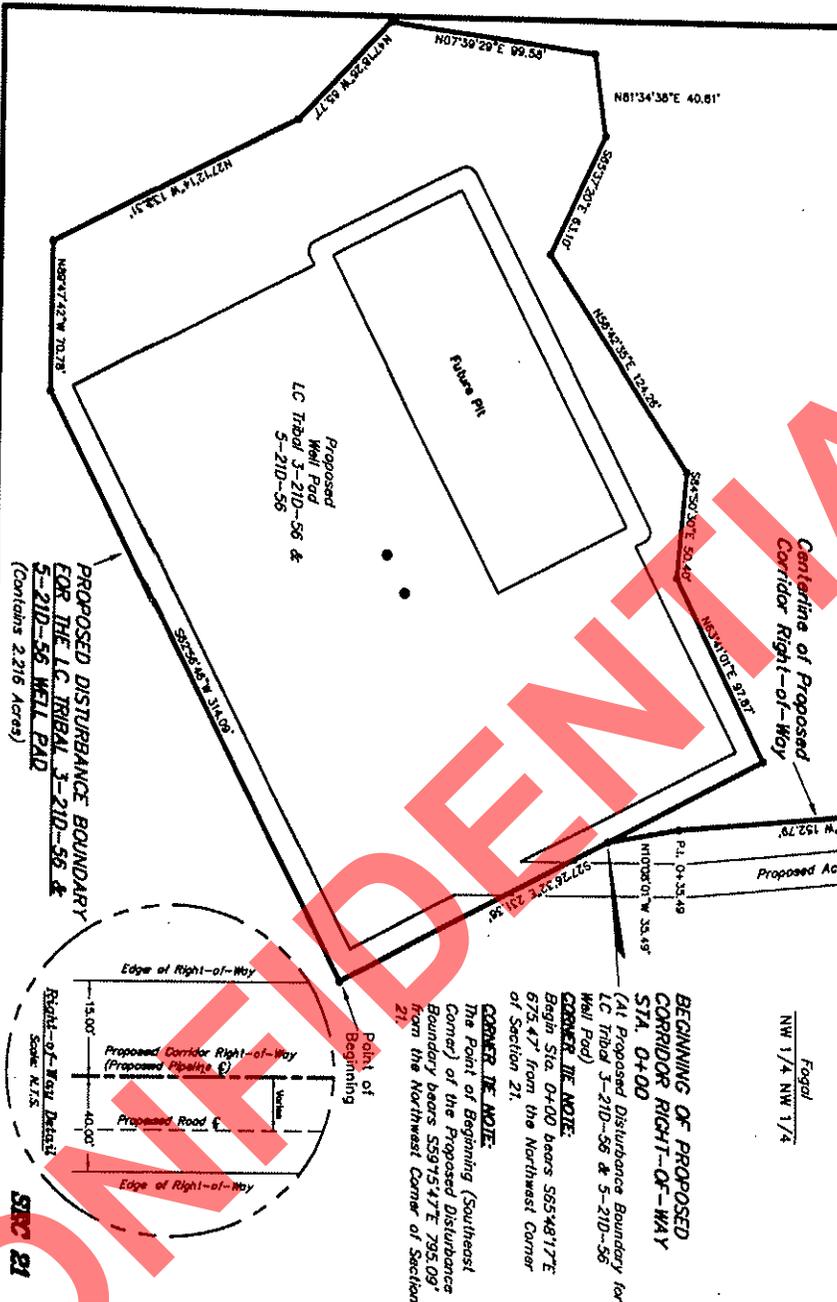
END OF PROPOSED CORRIDOR RIGHT-OF-WAY STA. 1+88.28
(At Existing Pipeline)

CORNER IN NOTE:
End Sta. 1+88.28 bears S81°27'09"E 603.40' from the Northwest Corner of Section 21.

Northwest Corner
Section 21
(Set Marked Stone)

PROPOSED CORRIDOR RIGHT-OF-WAY & DISTURBANCE BOUNDARY
For the LC Tract 3-21D-56 & 5-21D-56 Well Pad
Located in the NW 1/4 of Section 21, T55, R6W, U.S.B.&M. Duchesne County, Utah

PROPOSED DISTURBANCE BOUNDARY DESCRIPTION
BEGINNING AT A POINT IN THE NW 1/4 NW 1/4 OF SECTION 21, T55, R6W, U.S.B.&M. WHICH BEARS S89°15'47"E 795.09' FROM THE NORTHWEST CORNER OF SAID SECTION, THENCE S62°56'46"W 314.09'; THENCE N89°47'42"W 70.76'; THENCE N27°12'14"W 132.31'; THENCE N47°18'26"W 65.27'; THENCE N07°39'29"E 99.58'; THENCE N81°34'38"E 40.61'; THENCE S65°37'20"E 63.10'; THENCE N56°42'35"E 124.28'; THENCE S84°50'30"E 50.40'; THENCE N63°41'01"E 97.87'; THENCE S27°26'32"E 231.36' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS THE NORTH LINE OF SECTION 21 WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR S89°35'25"E A MEASURED DISTANCE OF 5255.55'. CONTAINS 2.216 ACRES MORE OR LESS.



RIGHT-OF-WAY LENGTH - Fogal	
Section 21 Total	= 188.28'

Fogal
NW 1/4 NW 1/4

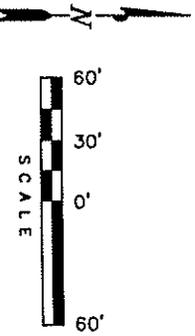
BEGINNING OF PROPOSED CORRIDOR RIGHT-OF-WAY STA. 0+00
(At Proposed Disturbance Boundary for LC Tract 3-21D-56 & 5-21D-56 Well Pad)

CORNER IN NOTE:
Begin Sta. 0+00 bears S55°48'17"E 675.47' from the Northwest Corner of Section 21.

CORNER IN NOTE:
The Point of Beginning (Southeast Corner) of the Proposed Disturbance Boundary bears S59°15'47"E 795.09' from the Northwest Corner of Section 21.

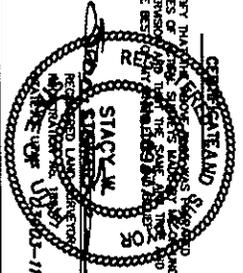
PROPOSED CORRIDOR RIGHT-OF-WAY DESCRIPTION
A 55' WIDE CORRIDOR RIGHT-OF-WAY LOCATED IN SECTION 21, T55, R6W, U.S.B.&M. THE WIDTH OF SAID RIGHT-OF-WAY BEING 40' ON THE RIGHT SIDE AND 15' ON THE LEFT SIDE OF THE CENTERLINE. THE CENTERLINE OF SAID RIGHT-OF-WAY BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT IN THE NW 1/4 NW 1/4 OF SECTION 21, T55, R6W, U.S.B.&M. WHICH BEARS S85°48'17"E 675.47' FROM THE NORTHWEST CORNER OF SAID SECTION, THENCE N10°08'01"W 35.49'; THENCE N04°37'15"W 152.79' TO A POINT IN THE SAID NW 1/4 NW 1/4 OF SECTION 21 WHICH BEARS S81°27'09"E 603.40' FROM THE SAID NORTHWEST CORNER OF SECTION 21. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANATOR'S PROPERTY LINES. BASIS OF BEARINGS IS THE NORTH LINE OF SECTION 21 WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR S89°35'25"E A MEASURED DISTANCE OF 5255.55'. CONTAINS 0.238 ACRES MORE OR LESS.



SURVEYED BY: SM
DRAWN BY: LCS
DATE: 03-03-11
SCALE: 1" = 60'
FILE: 11-0019

Tri State Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. - VERNAL, UTAH 840



THIS IS TO CERTIFY THAT THE ABOVE DESCRIBED BOUNDARY WAS SURVEYED AND PLACED IN THE PUBLIC RECORDS OF THE STATE OF UTAH IN ACCORDANCE WITH THE PROVISIONS OF THE SURVEYING ACTS OF THE STATE OF UTAH AND TO CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

RECEIVED



Berry Petroleum Company

Brundage Canyon Field

4000 South 4028 West

Rt. 2 Box 7755

Roosevelt, UT 84066

Ph: (435) 722-1325

Fax: (435) 722-1321

www.bry.com

January 24, 2011

State of Utah
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, UT 84115-5801

Re: Directional Drilling R649-3-11
LC Tribal 5-21D-56 382 FNL, 479' FWL (NWNW) (surface)
1,813' FNL, 660' FWL (SWNW) (bottomhole)
Section 21, T5S-R6W
Duchesne, County, Utah

Pursuant to the filing of Berry Petroleum's Application for Permit to Drill regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to the Exception to Location and Siting of Wells.

- The LC Tribal 5-21D-56 well is to be located within the Lake Canyon Field Area.
- Berry is locating the well at the surface location and directionally drilling from this location to minimize surface disturbance and Berry will be able to utilize the existing road and pipelines in the area.
- Furthermore, Berry hereby certifies that it is the sole working interest owner with 460 feet of the entire directional well bore and the remainder of the Ute Tribal section.

Therefore, based on the above stated information Berry Petroleum Company requests the permit be granted pursuant to R649-3-11.

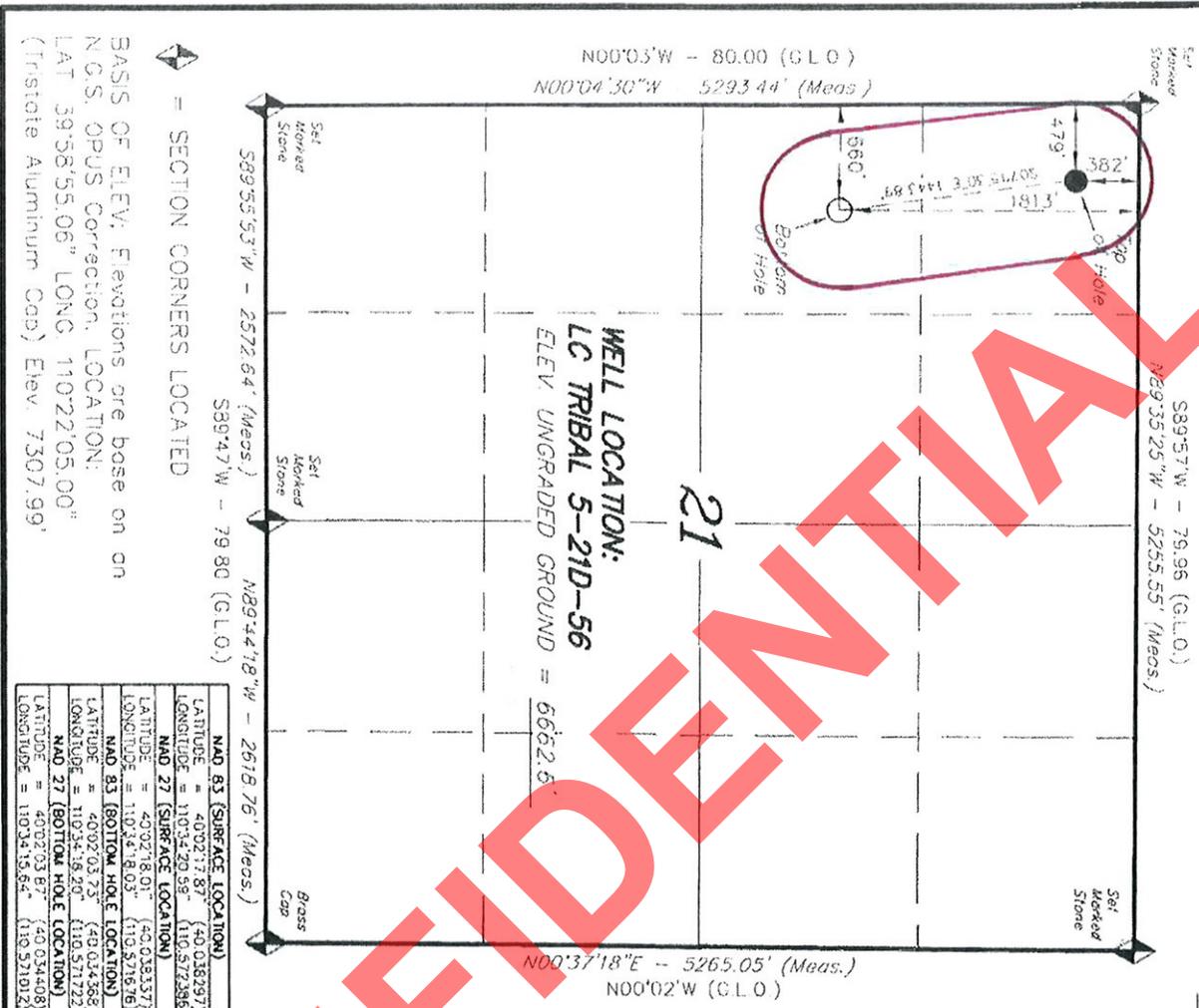
Respectfully Submitted,

Kathy Fieldsted
Sr. Regulatory & Permitting Technician

T5S, R6W, U.S.B.&M.

BERRY PETROLEUM COMPANY

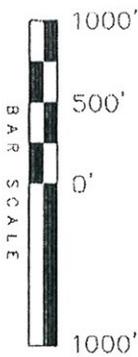
WELL LOCATION, LC TRIBAL 5-21D-56,
 LOCATED AS SHOWN IN THE NW 1/4 NW
 1/4 OF SECTION 21, T5S, R6W,
 U.S.B.&M. DUCHESNE COUNTY, UTAH.



WELL LOCATION:
LC TRIBAL 5-21D-56
 ELEV UNGRADED GROUND = 6662.6'

SECTION CORNERS LOCATED
 BASIS OF ELEV: Elevations are based on on
 N.C.S. OPUS Correction. LOCATION:
 LAT 39°58'55.06" LONG 110°22'05.00"
 (Tristate Aluminum Cap) Elev. 7307.99'

NAO 83 (SURFACE LOCATION)	LATITUDE = 40°02'17.87" (40.038297)
	LONGITUDE = 110°34'29.58" (110.572886)
NAO 27 (SURFACE LOCATION)	LATITUDE = 40°02'18.01" (40.038337)
	LONGITUDE = 110°34'18.03" (110.571616)
NAO 83 (BOTTOM HOLE LOCATION)	LATITUDE = 40°02'03.73" (40.034288)
	LONGITUDE = 110°34'18.20" (110.571723)
NAO 27 (BOTTOM HOLE LOCATION)	LATITUDE = 40°02'03.87" (40.034408)
	LONGITUDE = 110°34'19.64" (110.571912)



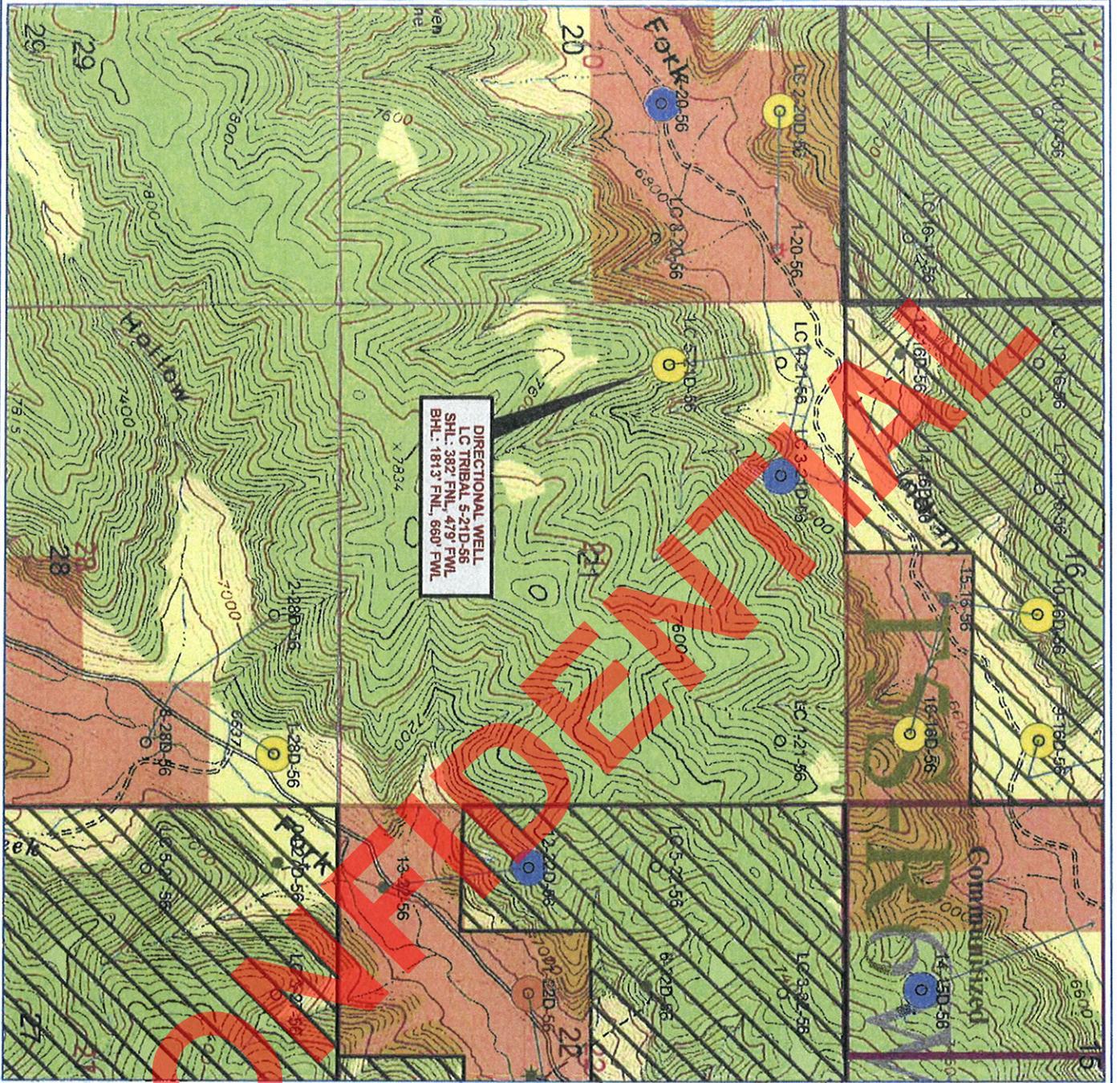
- NOTES:**
1. Well footages are measured at right angles to the Section Lines.
 2. Bearings are based on Global Positioning Satellite observations.



THIS IS TO CERTIFY THAT THE ABOVE FOOT WAS
 PREPARED FROM FIELD MEASUREMENTS AND SURVEYS
 MADE BY ME OR UNDER MY SUPERVISION AND THAT
 THE SAME ARE TRUE AND CORRECT TO THE BEST
 OF MY KNOWLEDGE AND BELIEF.
 STACY W. STEWART
 REGISTERED LAND SURVEYOR
 STATE OF UTAH
 LICENSE NO. 189377



TRI STATE LAND SURVEYING & CONSULTING	
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
DATE SURVEYED: 8-10-10	SURVEYED BY: S.H.
DATE DRAWN: 12-07-10	DRAWN BY: M.W.
REVISED: L.C.S. 01-25-11	SCALE: 1" = 1000'



DIRECTIONAL WELL
 LC TRIBAL 5-21D-56
 SHL: 382 FNL, 479 FNL
 BHL: 1813 FNL, 660 FNL



BERRY PETROLEUM COMPANY

Lake Canyon Project

LC Tribal 5-21D-56

Directional Drilling Location Plat

Sec. 21 T5S R6W - Duchesne Co, UT



ATTRIBUTE MAP

- Approved
- WO Arch
- WO BIA
- WO Onsite
- WO Plats
- WO State
- WO Sur Agmt
- WO Survey
- Working on APD

WELL SYMBOLS

- Gas Well
- Location Only
- Oil & Gas Well
- Oil Well

January 24, 2011



Berry Petroleum Company

Brundage Canyon Field

4000 South 4028 West
Rt. 2 Box 7755
Roosevelt, UT 84066

Ph: (435) 722-1325

Fax: (435) 722-1321

www.bry.com

January 24, 2011

State of Utah
Division of Oil, Gas, and Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

Re: Oil and Gas Conservation General Rules
R649-3-3 Exception to Location and Siting of Wells.
LC TRIBAL 5-21D-56

Gentlemen:

Berry Petroleum Company is proposing to drill a development well in the Lake Canyon Field, Duchesne County, Utah. The well is located on lands within the Uintah and Ouray Ute Indian Reservation. A copy of the Federal Application for Permit to Drill (APD) is attached for your review. This APD has been submitted to the Bureau of Land Management (BLM) in Vernal and the Bureau of Indian Affairs (BIA) at Ft. Duchesne.

As shown on the attached staking plat, the LC Tribal 5-21D-56 well is a directional well in which only the upper part of the objective section (uppermost Douglas Creek) falls outside of the allowed standard well spacing (R649-3-2). Berry is requesting an exception to the spacing requirement per regulation R649-3-3 since Berry was unable to locate the proposed well within the allowed spacing "window" due to topographic constraints. To maintain orderly 40 acre spacing and efficient well drainage the well had to be drilled as a directional well from the proposed LC Tribal 5-21D-56 surface location. The rather long reach required of the well forced only the uppermost part of the Douglas Creek objective section to be placed outside of the spacing "window".

In accordance with R649-3-3, Berry is providing a copy of the staking plat showing the proposed location in relation to the allowed spacing "window" and all tracts contacted by a circle with a radius of 460'. A second plat is also attached showing the actual or recently proposed location for all direct or diagonal offsetting wells. As to the 460' radius circle, Berry is also the operator of the adjacent SW1/4 of Section 21.

Berry is requesting approval of this excepted location as proposed. If additional information is required, please contact Dan Anderson at (303) 999-4400.

Sincerely,

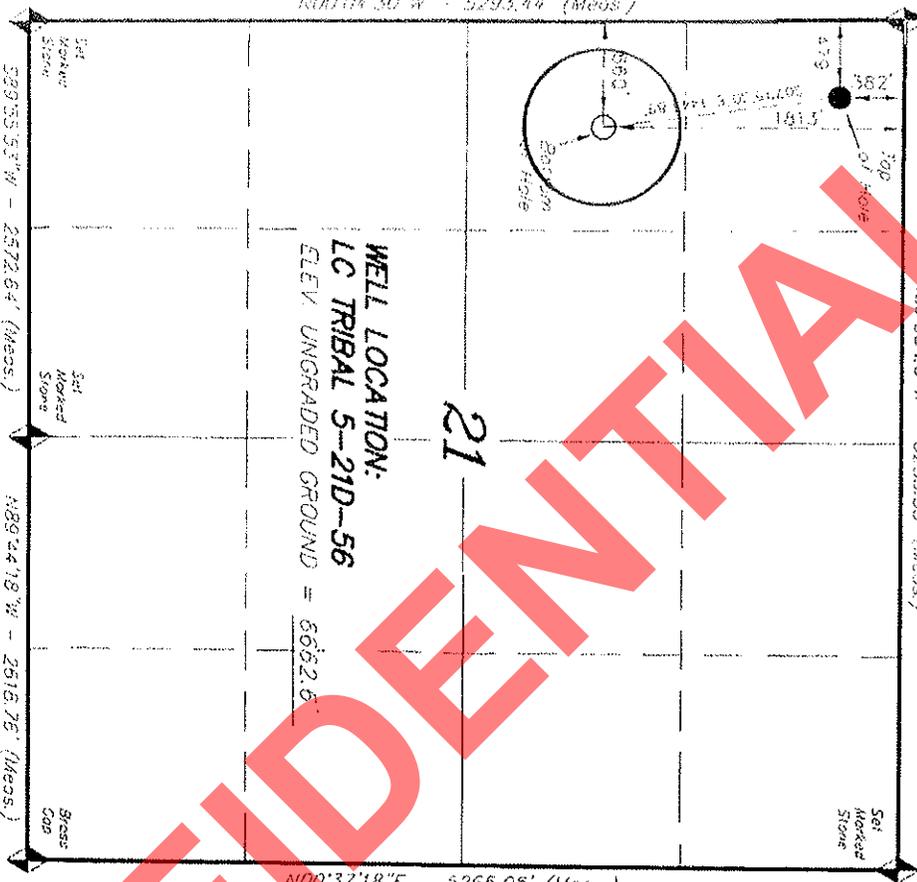
Kathy Fieldsted
Sr. Regulatory & Permitting Technician

T5S, R6W, U.S.B.&M.

BERRY PETROLEUM COMPANY

WELL LOCATION, LC TRIBAL 5-21D-56,
LOCATED AS SHOWN IN THE NW 1/4 NW
1/4 OF SECTION 21, T5S, R6W,
U.S.B.&M. DUCHESNE COUNTY, UTAH.

N00°33'W - 80.00 (G.L.O.)
N00°04'30"W - 5293.44' (Meas.)



WELL LOCATION:
LC TRIBAL 5-21D-56
ELEV UNGRADED GROUND = 6662.6'

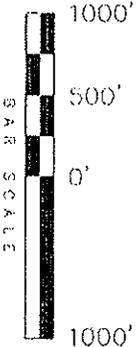
21

N00°37'18"E - 5265.05' (Meas.)
N00°02'W (G.L.O.)

SECTION CORNERS LOCATED

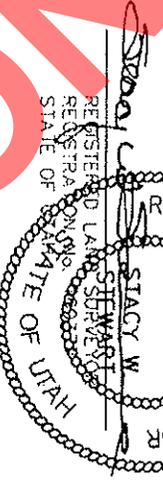
BASIS OF ELEV. Elevations are based on
N.C.S. OPUS Correction LOCATION:
LAT. 39°56'55.06" LONG. 110°22'05.00"
(Frisbie Aluminum Cap) Elev. 7307.99'

NAD 83 (SURFACE LOCATION)	LATITUDE = 40°02'17.87" (40.036297)
NAD 83 (SURFACE LOCATION)	LONGITUDE = 110°34'20.58" (110.572356)
NAD 27 (SURFACE LOCATION)	LATITUDE = 40°02'18.03" (40.035337)
NAD 27 (SURFACE LOCATION)	LONGITUDE = 110°34'18.93" (110.571975)
NAD 83 (BOTTOM HOLE LOCATION)	LATITUDE = 40°02'03.73" (40.034586)
NAD 83 (BOTTOM HOLE LOCATION)	LONGITUDE = 110°34'18.70" (110.571723)
NAD 27 (BOTTOM HOLE LOCATION)	LATITUDE = 40°02'03.97" (40.034408)
NAD 27 (BOTTOM HOLE LOCATION)	LONGITUDE = 110°34'18.67" (110.571012)

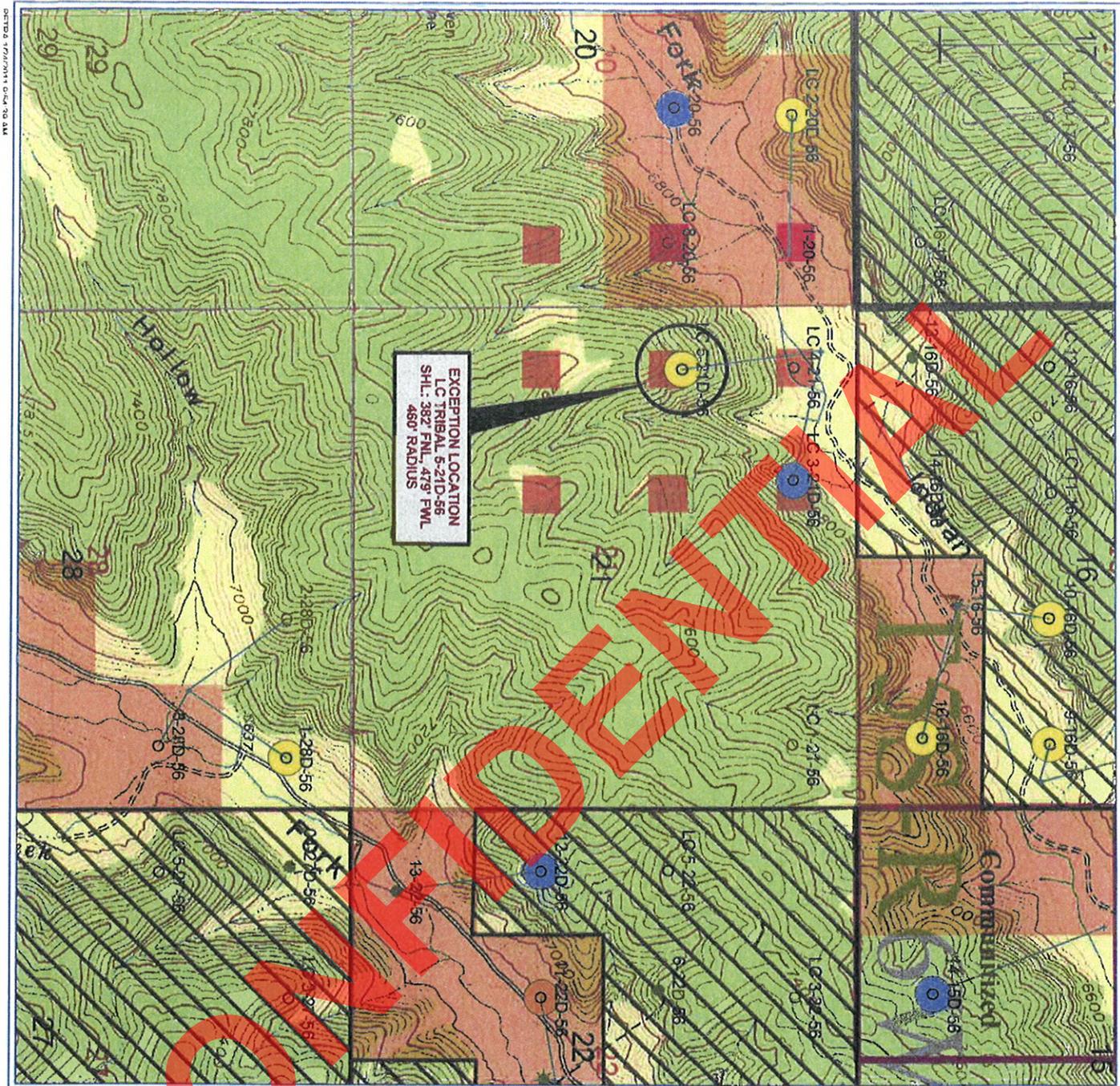


- NOTES:**
1. Well footages are measured at right angles to the Section Lines.
 2. Bearings are based on Global Positioning Satellite observations.

THIS IS TO CERTIFY THAT THE ABOVE TEXT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



TRI STATE LAND SURVEYING & CONSULTING	
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078	
(435) 781-2501	
DATE SURVEYED: 5-10-10	SURVEYED BY: SH
DATE DRAWN: 12-07-10	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'



EXCEPTION LOCATION
 LC TRIBAL 5-21D-56
 SHL: 382 FNL, 479 FNL
 450' RADIUS

BERRY PETROLEUM COMPANY

Lake Canyon Project

LC Tribal 5-21D-56

Exception Drilling Location Plat

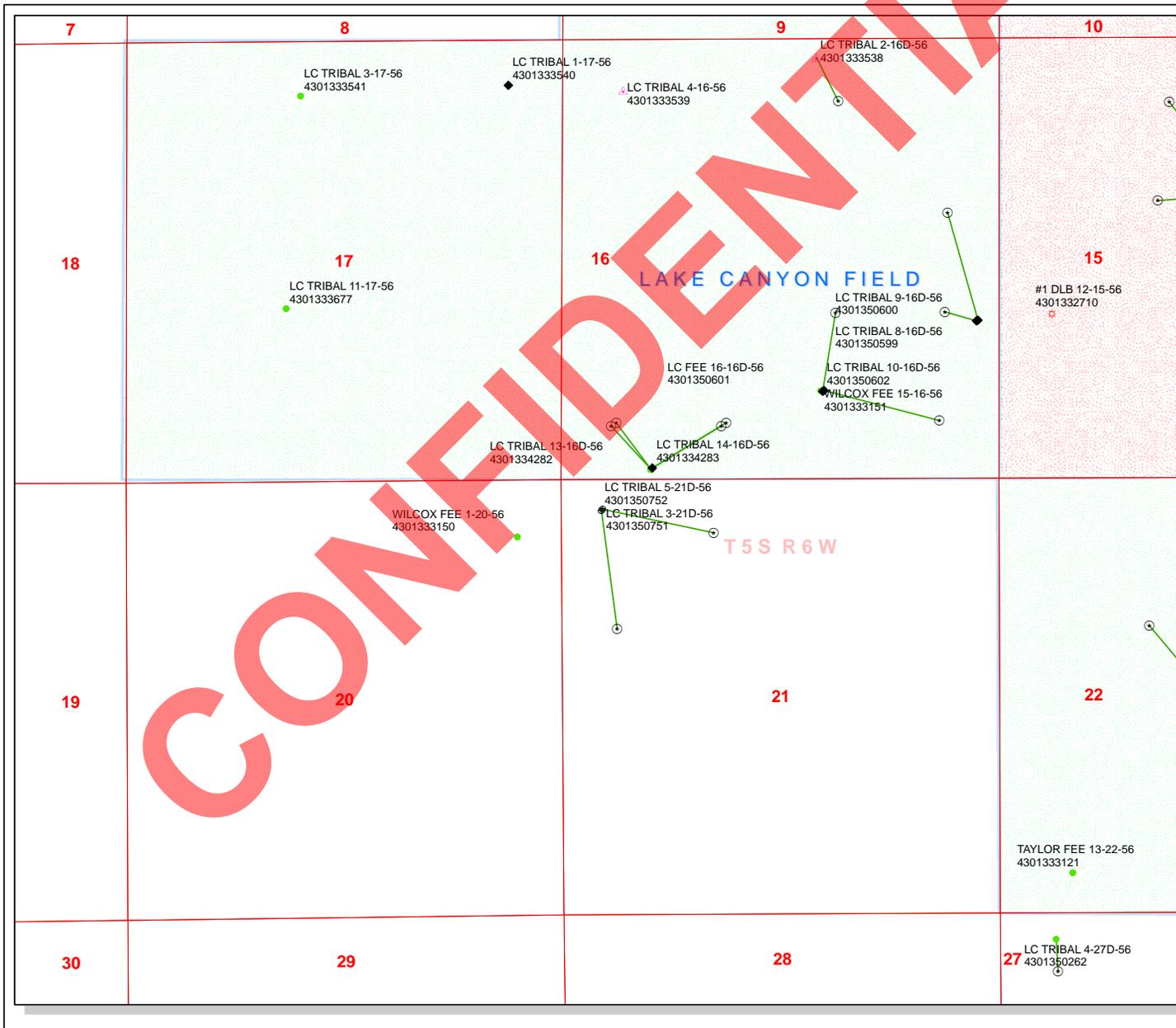
Sec. 21 TSS R6W - Duchesne Co, UT



- ATTRIBUTE MAP**
- Approved
 - WO Acre
 - WO BIA
 - WO Onsite
 - WO Plats
 - WO State
 - WO Sur Agmt
 - WO Survey
 - Working on APD

- WELL SYMBOLS**
- Gas Well
 - Location Only
 - Oil & Gas Well
 - Oil Well

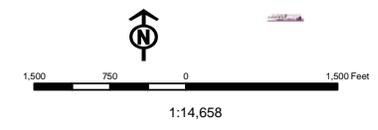
January 24, 2011



API Number: 4301350752
Well Name: LC TRIBAL 5-21D-56
Township T0.5 . Range R0.6 . Section 21
Meridian: UBM
Operator: BERRY PETROLEUM COMPANY

Map Prepared:
 Map Produced by Diana Mason

- | | |
|---------------|------------------------------------|
| Units | Wells Query |
| STATUS | Status |
| ACTIVE | APD - Approved Permit |
| EXPLORATORY | DRL - Spudded (Drilling Commenced) |
| GAS STORAGE | GIW - Gas Injection |
| NF PP OIL | GS - Gas Storage |
| NF SECONDARY | LA - Location Abandoned |
| PI OIL | LOC - New Location |
| PP GAS | OPS - Operation Suspended |
| PP GEOTHERML | PA - Plugged Abandoned |
| PP OIL | PGW - Producing Gas Well |
| SECONDARY | POW - Producing Oil Well |
| TERMINATED | RET - Returned APD |
| STATUS | SGW - Shut-in Gas Well |
| Unknown | SOW - Shut-in Oil Well |
| ABANDONED | TA - Temp. Abandoned |
| ACTIVE | TW - Test Well |
| COMBINED | WDW - Water Disposal |
| INACTIVE | WIW - Water Injection Well |
| STORAGE | WSW - Water Supply Well |
| TERMINATED | |
| Sections | |
| Township | |



Flora / Fauna

Flora:

Noxious Weeds: Hoary Cress, Hounds tongue and musk thistle.

Grass: Thick spike wheat grass, crested wheat grass, Siberian wheat grass, tall wheat grass and cheat grass.

Forbs: Forage kochia, poverty weed, annual kochia, lambs quarter.

Shrubs: Basin big sage, green stem rubber rabbit brush.

Trees: none

Succulents: none

Fauna: Potential large mammals include Rocky mountain elk, mule deer, black bear, mountain lion, bobcat, coyote, gray fox, raccoon, stripped skunk, spotted skunk and ring tailed cat. Sage brush obligate bird species possible including sage thrasher, sage sparrow. Other birds likely include chipping sparrow, meadow lark, lark sparrow, American kestrel, red tailed hawk, golden eagle, raven, king bird and American Robin. Host of small mammals and reptiles possible.

Soil Type and Characteristics

Soil survey not available. Mixture of gray clays and shale fragments.

Erosion Issues Y

Soils prone to wind erosion when disturbed.

Sedimentation Issues N

Soils disturbed in construction activities unlikely to enter the Right Fork of Indian Canyon due to adequate vegetation buffer.

Site Stability Issues N

Site appears suitable for proposed drilling program.

Drainage Diversion Required? N

Berm Required? Y

Berms required on the cut portions of the well pad to prevent fluids from entering perennial stream in the event of a catastrophic spill.

Erosion Sedimentation Control Required? N

Paleo Survey Run? Paleo Potential Observed? Cultural Survey Run? Cultural Resources?

Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet)

Distance to Surface Water (feet)

Dist. Nearest Municipal Well (ft)

Distance to Other Wells (feet)

Native Soil Type

Fluid Type

Drill Cuttings

Annual Precipitation (inches)

**Affected Populations
Presence Nearby Utility Conduits**

Final Score

Sensitivity Level

Characteristics / Requirements

No reserve pit is being proposed. Currently drilling program is a closed loop system using steel mud tanks provided by drilling contractors.

Closed Loop Mud Required? Liner Required? Liner Thickness Pit Underlayment Required?

Other Observations / Comments

Surface representative Larry Fogel left message with receptionist. Division informed that message would be passed on and Mr. Fogel would contact the Division if he had questions. Current surface agreement is in place.

BLM requested that structures, or remnants of structures in close proximity to the well be left in place.

Bart Kettle
Evaluator

7/7/2011
Date / Time

CONFIDENTIAL

Application for Permit to Drill Statement of Basis

7/11/2011

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
3761	43013507520000	LOCKED	OW	P	No
Operator	BERRY PETROLEUM COMPANY		Surface Owner-APD	Larry Fogel	
Well Name	LC TRIBAL 5-21D-56		Unit		
Field	LAKE CANYON		Type of Work	DRILL	
Location	NWNW 21 5S 6W U 382 FNL 479 FWL		GPS Coord (UTM)	536525E	4431879N

Geologic Statement of Basis

The mineral rights for the proposed well are owned by the Ute Tribe. The BLM will be the agency responsible for evaluating and approving the drilling, casing and cement programs.

Brad Hill
APD Evaluator

7/11/2011
Date / Time

Surface Statement of Basis

On-site evaluation completed on July 7, 2011. In attendance: Bart Kettle-Division of Oil Gas and Mining (DOGGM), Brad Mechum-Berry Petroleum Company, Chuck MacDonald-Vernal BLM. Invited and Choosing not to Attend: Larry Fogel-surface owner.

The proposed LC TRIBAL 5-21D-56 well is one of two wells proposed from the same well pad. As proposed the well pad is staked in what was formerly the flood plan for the Right Fork of Indian Canyon. In the past 100 years the stream corridor has down cut 6' and flooding at this location is unlikely to occur in its current status. The selected site appears adequate for the proposed drilling program. As proposed, this well will be drilled using a closed loop mud circulating system, no reserve pit is being requested for this proposed well.

Currently the southern portions of the well pad fall within 45' of a perennial stream. Berms of 12" shall be constructed around the fill portions of the well pad to prevent fluids from entering live water in the event of a catastrophic spill.

Duchesne listed noxious weeds hoary Cress, hounds tongue and musk thistle noted growing at the proposed site and in surrounding uplands. Invasion doesn't appear linked to oil and gas activity, however construction activities could spread infestation. Construction equipment should be clean prior to leaving location to prevent spread to other locations.

Bart Kettle
Onsite Evaluator

7/7/2011
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A closed loop mud circulation system is required for this location.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	Clean construction equipment prior to moving to prevent spread of noxious weed seed to other areas.

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 5/9/2011

API NO. ASSIGNED: 43013507520000

WELL NAME: LC TRIBAL 5-21D-56

OPERATOR: BERRY PETROLEUM COMPANY (N2480)

PHONE NUMBER: 435 722-1325

CONTACT: Kathy K. Fieldsted

PROPOSED LOCATION: NWNW 21 050S 060W

Permit Tech Review:

SURFACE: 0382 FNL 0479 FWL

Engineering Review:

BOTTOM: 1813 FNL 0660 FWL

Geology Review:

COUNTY: DUCHESNE

LATITUDE: 40.03824

LONGITUDE: -110.57188

UTM SURF EASTINGS: 536525.00

NORTHINGS: 4431879.00

FIELD NAME: LAKE CANYON

LEASE TYPE: 2 - Indian

LEASE NUMBER: 20G-000-5500

PROPOSED PRODUCING FORMATION(S): GREEN RIVER

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: INDIAN - RLB0005647
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: 43-11041
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

Commingling Approved

LOCATION AND SITING:

- R649-2-3.
- Unit:**
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
- Board Cause No:** R649-3-11
- Effective Date:**
- Siting:**
- R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 4 - Federal Approval - dmason
5 - Statement of Basis - bhll
15 - Directional - dmason
23 - Spacing - dmason



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: LC TRIBAL 5-21D-56

API Well Number: 43013507520000

Lease Number: 2OG-000-5500

Surface Owner: FEE (PRIVATE)

Approval Date: 7/11/2011

Issued to:

BERRY PETROLEUM COMPANY, 4000 South 4028 West Rt 2 Box 7735, Roosevelt, UT 84066

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-11. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <http://oilgas.ogm.utah.gov>

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:



For John Rogers
Associate Director, Oil & Gas

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAY 06 2011

APPLICATION FOR PERMIT TO DRILL OR REENTER

BLM

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		CONFIDENTIAL		5. Lease Serial No. 2OG0005500
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone				6. If Indian, Allottee or Tribe Name
2. Name of Operator BERRY PETROLEUM COMPANY Contact: KATHY K FIELDSTED E-Mail: kkf@bry.com				7. If Unit or CA Agreement, Name and No.
3a. Address 4000 SOUTH 4028 WEST ROUTE 2 BOX 7735 ROOSEVELT, UT 84066		3b. Phone No. (include area code) Ph: 435-722-1325 Fx: 435-722-1321		8. Lease Name and Well No. LC TRIBAL 5-21D-56
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NWNW 382FNL 479FWL At proposed prod. zone SWNW 1813FNL 660FWL				9. API Well No. 43 OB 50752
14. Distance in miles and direction from nearest town or post office* 14				10. Field and Pool, or Exploratory LAKE CANYON
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 382		16. No. of Acres in Lease 640.00		11. Sec., T., R., M., or Blk. and Survey or Area Sec 21 T5S R6W Mer UBM
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 20		19. Proposed Depth 6316 MD 6000 TVD		12. County or Parish DUCHESNE
21. Elevations (Show whether DF, KB, RT, GL, etc.) 6662 GL		22. Approximate date work will start 08/10/2011		13. State UT
				17. Spacing Unit dedicated to this well 40.00
				20. BLM/BLA Bond No. on file RLB0005647
				23. Estimated duration

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature (Electronic Submission)	Name (Printed/Typed) KATHY K FIELDSTED Ph: 435-722-1325	Date 05/06/2011
Title SR. REG & PERMITTING TECH		
Approved by (Signature) 	Name (Printed/Typed) Jerry Kenczka	Date SEP 15 2011
Title Assistant Field Manager Lands & Mineral Resources		
Office VERNAL FIELD OFFICE		

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

Electronic Submission #107700 verified by the BLM Well Information System
For BERRY PETROLEUM COMPANY, sent to the Vernal
Committed to AFMSS for processing by ROBIN R. HANSEN on 05/10/2011 ()

OCT 07 2011

DIV. OF OIL, GAS & MINING

UDOGM

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

11RRH1035AE

No Nos



**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE**

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Berry Petroleum Company
Well No: LC Tribal 5-21D-56
API No: 43-013-50752

Location: NWNW, Sec. 21, T5S, R6W
Lease No: 2OG0005500
Agreement: N/A

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Construction Activity (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	- The Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist shall be notified at least 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	- Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion. Notify the BLM Environmental Scientist prior to moving on the drilling rig.
Spud Notice (Notify BLM Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify BLM Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings to: ut_vn_opreport@blm.gov .
BOP & Related Equipment Tests (Notify BLM Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify BLM Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

- Paint all production facilities and equipment, not otherwise regulated (OSHA, etc.), Covert Green.
- All areas of disturbance (including surface pipelines) must have appropriate surface use agreements or approvals in place with the proper owner and/or agency before such action is started.
- The conditions of approval, as set forth by those owners and/or agencies shall be adhered to.

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- Gamma Ray Log shall be run from Total Depth to Surface.
- To effectively protect useable water, cement for the long string is required to be brought 200 feet above the surface casing shoe.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of

each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

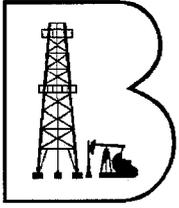
- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if

performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: 20G-000-5500
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: LC TRIBAL 5-21D-56	
2. NAME OF OPERATOR: BERRY PETROLEUM COMPANY	9. API NUMBER: 43013507520000	
3. ADDRESS OF OPERATOR: 4000 South 4028 West Rt 2 Box 7735 , Roosevelt, UT, 84066	PHONE NUMBER: 303 999-4044 Ext	9. FIELD and POOL or WILDCAT: LAKE CANYON
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0382 FNL 0479 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 21 Township: 05.0S Range: 06.0W Meridian: U	COUNTY: DUCHESNE STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 11/7/2011 <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. PLEASE NOTE THAT THE LC TRIBAL 5-21D-56 WAS SPUD ON NOVEMBER 7, 2011 AT APPROX 10:30 AM BY LEON ROSS DRILLING.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY		
NAME (PLEASE PRINT) Brooke Broadhead	PHONE NUMBER 435 722-1325	TITLE Regulatory Assistant
SIGNATURE N/A	DATE 11/8/2011	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: 20G-000-5500
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Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY		
NAME (PLEASE PRINT) Brooke Broadhead	PHONE NUMBER 435 722-1325	TITLE Regulatory Assistant
SIGNATURE N/A	DATE 11/8/2011	



Berry Petroleum Company

RT 2 Box 7735
3846 S Hwy 40
Roosevelt, Utah
(435) 722-1325

CONFIDENTIAL

43-013-50752

November 4, 2011

State of Utah OG&M
Carol Daniels
Salt Lake City, Utah

Re: Spud Notice

LC Tribal 5-21D-56
NWNW 382' FNL 479' FWL
Begin at approx. 9:00 am on Monday November 7, 2011.

Sec 21 T5S R6W, Lease # 2OG0005500

If you have any questions or need more information, please call me at 435-722-1325

Sincerely
Brooke Broadhead

Thank You

RECEIVED

NOV 04 2011

DIV. OF OIL, GAS & MINING

CONFIDENTIAL

Carol Daniels - Spud Notice on the LC Tribal 5-21D-56

From: "Broadhead, Brooke" <bbroadhead@bry.com>
To: "caroldaniels@utah.gov" <caroldaniels@utah.gov>
Date: 11/4/2011 8:42 AM
Subject: Spud Notice on the LC Tribal 5-21D-56
Attachments: LC Tribal 5-21D-56 State Notice.doc

Brooke Broadhead

Berry Petroleum Company
Regulatory Assistant
4000 S. 4028 W.
Roosevelt, UT 84066
Office: (435) 722-1325
Fax: (435) 722-1321
bbroadhead@bry.com

RECEIVED

NOV 04 2011

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: BERRY PETROLEUM COMPANY Operator Account Number: N 2480
Address: 4000 S. 4028 W.
city ROOSEVELT
state UT zip 84066 Phone Number: (435) 722-1325

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301350752	LC TRIBAL 5-21D-56		NWNW	21	5S	6W	DUCHESNE
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	18286	11/7/2011		11/9/11		
Comments: <u>SPUD BY LEON ROSS DRILLING</u> <u>GERV</u> <u>BHL = SWNW</u> CONFIDENTIAL							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

BROOKE BROADHEAD

Name (Please Print)

Brooke Broadhead

Signature

REGULATORY ASSISTANT

11/9/2011

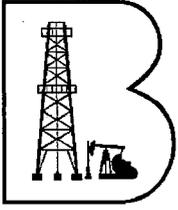
Title

Date

RECEIVED

NOV 09 2011

DIV. OF OIL, GAS & MINING



Berry Petroleum Company

RT 2 Box 7735
3846 S Hwy 40
Roosevelt, Utah
(435) 722-1325

CONFIDENTIAL

November 4, 2011

43-013-50752

State of Utah OG&M
Carol Daniels
Salt Lake City, Utah

Re: Spud Notice

LC Tribal 5-21D-56
NWNW 382' FNL 479' FWL
Begin at approx. 9:00 am on Monday November 7, 2011.

Sec 21 T5S R6W, Lease # 2OG0005500

If you have any questions or need more information, please call me at 435-722-1325

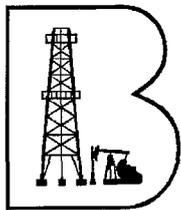
Sincerely
Brooke Broadhead

Thank You

RECEIVED

NOV 04 2011

DIV. OF OIL, GAS & MINING



Berry Petroleum Company

RT 2 Box 7735
3846 S Hwy 40
Roosevelt, Utah
(435) 722-1325

CONFIDENTIAL

December 3, 2011

43-013-50952

State of Utah OG&M
Carol Daniels
Salt Lake City, Utah

Re: Spud Notice

Lake Canyon Tribal 5-21D-56

382 FNL 479 FWL NWNW

Spud surface to begin at approx. 4:00 am on sat December 3, 2011

Run 8 5/8" surface casing to begin at approx. 4:00 pm on sat December 3, 2011.

Bop test to begin at approx. 8:00 pm on Sunday December 4, 2011

Sec 21 T5S R6W, Lease # 20G0005500

If you have any questions or need more information, please call me at 970-623-7085

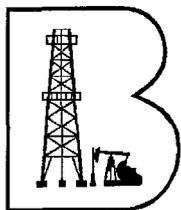
Sincerely
Frank Doherty

Thank You

RECEIVED

DEC 06 2011

DIV. OF OIL, GAS & MINING



Berry Petroleum Company

RT 2 Box 7735
3846 S Hwy 40
Roosevelt, Utah
(435) 722-1325

CONFIDENTIAL

December 10, 2011

State of Utah OG&M
Carol Daniels
Salt Lake City, Utah

43-013-50752

Re: Production casing

LC TRIBAL 5-21D-56
382 FNL 479 FWL NW/NW
Begin at approx. 3:00 Pm on Sunday December 11, 2011

Sec 21 T5S R6W, Lease # 20G0005500

If you have any questions or need more information, please call me at 435-828-1879

Sincerely
Frank Doherty
Drilling Supervisor
Berry Petroleum
970-623-7085
Thank You

RECEIVED

DEC 13 2011

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 2OG-000-5500
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
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2. NAME OF OPERATOR: BERRY PETROLEUM COMPANY	9. API NUMBER: 43013507520000	
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		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 1/9/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. PLEASE NOTE THAT THE LC TRIBAL 5-21D-56 WENT TO SALES ON JANUARY 9, 2012		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 11, 2012		
NAME (PLEASE PRINT) Brooke Broadhead	PHONE NUMBER 435 722-1325	TITLE Regulatory Assistant
SIGNATURE N/A	DATE 1/10/2012	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
		5. LEASE DESIGNATION AND SERIAL NUMBER: 2OG-000-5500	
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME:	
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: LC TRIBAL 5-21D-56	
2. NAME OF OPERATOR: BERRY PETROLEUM COMPANY		9. API NUMBER: 43013507520000	
3. ADDRESS OF OPERATOR: 4000 South 4028 West Rt 2 Box 7735 , Roosevelt, UT, 84066	PHONE NUMBER: 303 999-4044 Ext	9. FIELD and POOL or WILDCAT: LAKE CANYON	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0382 FNL 0479 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 21 Township: 05.0S Range: 06.0W Meridian: U		COUNTY: DUCHESNE	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 12/13/2011	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
PLEASE SEE THE ATTACHED DRILLING HISTORY FOR THE LC TRIBAL 5-21D-56.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 11, 2012			
NAME (PLEASE PRINT) Brooke Broadhead	PHONE NUMBER 435 722-1325	TITLE Regulatory Assistant	
SIGNATURE N/A	DATE 1/11/2012		



Berry Daily Drilling Report

Report Date: 12/3/2011
Report #: 1, DFS: 0.1
Depth Progress: 87

Well Name: LC TRIBAL 5-21D-56

API/UWI 43013507520000	Surface Legal Location NWNW Sec 21 T5S-R6W	Spud Date Notice 12/2/2011	APD State Utah	AFE Number C11 032046	Total AFE Amount
Spud Date 12/3/2011 3:00:00 AM	Rig Release Date 12/13/2011 6:00:00 AM	KB-Ground Distance (ft) 14.00	Ground Elevation (ftKB) 6,662	Daily Cost 41,952	Cum Cost To Date 41,952
Operations at Report Time Circulate and condition mud.			Operations Next 24 Hours Drill to TD, circ, POOH, run 8 5/8 surface casing, cement casing and WOC.		
Operations Summary Move rig 6 miles and rig up. Install conductor pipe, pick up BHA and drill from 78' to 165'. Circulate to raise viscosity to 45.			Daily Mud Cost		
Remarks Fuel on hand=5563 gal., fuel used 698 gal. Recieved 4500 gal. Ran boiler 12 hours.			Mud Additive Cost To Date		
Weather Snow			Temperature (°F) 14.0		
Road Condition Wet			Hole Condition Tight		
Target Formation CR-6			Target Depth (ftKB) 6,316		

Last Casing Set				Daily Contacts	
Casing Description	Set Depth (ftKB)	OD (in)	Comment	Job Contact	Mobile
				Frank Doherty	970-623-7085
				Roger Reed	435-790-9701
Rigs				Mud Pumps	
Contractor Pioneer				Rig Number 5B	

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	16:00	10.00	Rig Up & Tear Down	Held PJSM with Howcroft Trucking.Moved rig 6 miles (slick roads) from LCT 5-23D-56 to LCT 5-21D-56. 6-haul trucks,3-bed trucks, 2-forklifts, 3-swampers and 1 truck pusher on location at 7:00. released at 17:00 hrs.
16:00	00:00	8.00	Rig Up & Tear Down	Raise derrick, level and center over well, stretch guylines. Rig up power, fuel, water and steam lines.Rig up floor and install conductor pipe.
00:00	02:30	2.50	Rig Up & Tear Down	Pick up kelly and torque connections. (thaw hoses and fill mud pits)
02:30	03:00	0.50	Trips	Pick up BHA. Tag formation at 78'.
03:00	05:00	2.00	Drilling	Drill 12 1/4" hole from 78' to 165'.
05:00	06:00	1.00	Condition Mud & Circulate	Raise viscosity to 45. (tight hole)

Mud Checks							Job Supplies		
Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)	Diesel Fuel, gal us		
Gel (10s) (lbf/100f...)	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)	Supply Item Description Diesel Fuel		
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)	Total Received	Total Consumed	Total Returned
CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)		12,661.0	10,807.0	

Air Data							Diesel Fuel Consumption		
Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)				Date	Consumed	
Corrosion Inhibitor Injected in 24hr Period							12/3/2011	698.0	
gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)					12/4/2011	907.0	
Drill Strings							12/5/2011	948.0	
BHA #1, Slick							12/6/2011	741.0	
Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)				12/7/2011	1,155.0	
1	12 1/4in, EQH27S, 11554820	1-1-NO---0--TD	1.33				12/8/2011	1,020.0	
Nozzles (/32")	24/24/24	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...)			12/9/2011	1,298.0	
		872.14		33.6			12/10/2011	1,206.0	

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
1	7 7/8 bit	7 7/8	1.00							
1	Mud Motor	6 1/2	28.12							
1	NMDC	6 1/2	30.78							
1	Gap sub	6 1/2	5.60							
1	NMDC	6 1/2	30.74							
2	Drill Collar	6 1/4	59.32							
22	HWDP	4 1/2	673.97							
1	XO Sub	6 1/2	2.61							
	Drill Pipe	4								
1	Kelly	6 1/2	40.00							



Berry Daily Drilling Report

Report Date: 12/3/2011

Report #: 1, DFS: 0.1

Depth Progress: 87

Well Name: LC TRIBAL 5-21D-56

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)	
Original Hole	78.0	165.0	87.00	3.00	3.00	29.0	425	
WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq	
20	70	700.0	40	75	35			
Q (g inj) (ft³/...)	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...)	T (bh) (°F)	P (Surf Ann) ...	T (surf ann) ...	Q (liq rtn) (g...)	Q (g return) ...
	70							

Deviation Surveys

All Surveys

Azim...	Date	Description	EW Tie In...	Inclin...	MD Tie In (ft...)	NSTie In ...	TVD Tie In (ft...)
	12/6/2011	All Surveys					

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)



Berry Daily Drilling Report

Report Date: 12/4/2011
Report #: 2, DFS: 1.1
Depth Progress: 350

Well Name: LC TRIBAL 5-21D-56

API/UWI 43013507520000	Surface Legal Location NWNW Sec 21 T5S-R6W	Spud Date Notice 12/2/2011	APD State Utah	AFE Number C11 032046	Total AFE Amount
Spud Date 12/3/2011 3:00:00 AM	Rig Release Date 12/13/2011 6:00:00 AM	KB-Ground Distance (ft) 14.00	Ground Elevation (ftKB) 6,662	Daily Cost 23,583	Cum Cost To Date 65,535
Operations at Report Time Work stuck casing at 403'.		Operations Next 24 Hours Cement casing and WOC		Daily Mud Cost 1,206	Mud Additive Cost To Date 1,206
Operations Summary Circulate to raise vis, drill from 165' to 195'. Service rig, drill from 195' to 515'. Circulate, trip out tight hole, trip in and W&R from 400' to 515', circulate, POOH, run 10 jts of casing, work stuck casing at 403'.				Depth Start (ftKB) 165	Depth End (ftKB) 515
Remarks Fuel on hand=4656 gal, fuel used 907 gal. Ran boiler 24 hours.				Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)
Weather Clear	Temperature (°F) 18.0	Road Condition Dry	Hole Condition Tight	Target Formation CR-6	Target Depth (ftKB) 6,316

Last Casing Set				Daily Contacts	
Casing Description Surface	Set Depth (ftKB) 404	OD (in) 8 5/8	Comment	Job Contact Frank Doherty Roger Reed	Mobile 970-623-7085 435-790-9701

Time Log				Rigs	
Start Time	End Time	Dur (hrs)	Operation	Comment	Rig Number
06:00	07:00	1.00	Condition Mud & Circulate	Circulate to raise viscosity to 45. Flowline packed-off.	5B
07:00	08:00	1.00	Drilling	Drill 12 1/4" hole from 165' to 195'.	
08:00	08:30	0.50	Lubricate Rig	Service rig. Flowline packed-off. Calibrate depth and hookload sensors.	
08:30	18:30	10.00	Drilling	Drill 12 1/4" hole from 195' to 515'	
18:30	20:00	1.50	Condition Mud & Circulate	Circulate Hi-Vis sweep to surface and circulate hole clean.	
20:00	20:30	0.50	Trips	Trip out to 400. Work tight hole from 515' to 400'.	
20:30	21:00	0.50	Reaming	Wash and ream from 400' to 515'.	
21:00	21:30	0.50	Condition Mud & Circulate	Circulate Hi-Vis sweep to surface.	
21:30	23:00	1.50	Trips	Trip out 6 stds of HWDP, 1 std of 6 1/4" dc's, bit sub, xo sub and mud motor. Work tight hole from 515' to 370'.	
23:00	02:30	3.50	Run Casing & Cement	Held PJSM with Weatherford casing crew. Rig up casing crew and run 10 jts of 8 5/8", 24#, J-55 casing to a depth of 413' KB.	
02:30	06:00	3.50	Miscellaneous	Work stuck pipe from 413' to 403' with no-returns. Packed off above guide shoe.	

Mud Checks				Mud Additive Amounts					
Type Dap/LSND	Time 10:30	Depth (ftKB) 275.0	Density (lb/gal) 9.40	Vis (s/qt) 45	PV Calc (cp)	Yield Point (lb/100ft²) 12.000	Description	Consumed	Daily Cost
Gel (10s) (lb/100ft²)	Gel (10m) (lb/100ft²)	Gel (30m) (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (/32")	pH 7.0	Solids (%) 5.0	Engineer	1.0	450.00
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)	Maxgel	40.0	300.00
CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl) 198.0		Pallets	1.0	20.00

Air Data				Job Supplies				
Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)	Diesel Fuel, gal us			Unit Label	
Corrosion Inhibitor Injected in 24hr Period				Supply Item Description Diesel Fuel				gal us
gls Injected down Parasite (gal)		gls Injected in Mud (gal)		gls Biocide Injected in Mud (gal)		Total Received 12,661.0	Total Consumed 10,807.0	Total Returned

Drill Strings				Diesel Fuel Consumption						
BHA #1, Slick				Date	Consumed					
Bit Run 1	Drill Bit 12 1/4in, EQH27S, 11554820	IADC Bit Dull 1-1-NO---0--TD	TFA (incl Noz) (in²) 1.33	12/3/2011	698.0					
Nozzles (/32") 24/24/24	String Length (ft) 872.14	String Wt (1000lb) 33.6	BHA ROP (ft...)	12/4/2011	907.0					
Drill String Components				12/5/2011	948.0					
Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
1	7 7/8 bit	7 7/8	1.00							
1	Mud Motor	6 1/2	28.12							
1	NMDC	6 1/2	30.78							
1	Gap sub	6 1/2	5.60							
1	NMDC	6 1/2	30.74							
2	Drill Collar	6 1/4	59.32							



Berry Daily Drilling Report

Report Date: 12/4/2011

Report #: 2, DFS: 1.1

Depth Progress: 350

Well Name: LC TRIBAL 5-21D-56

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
22	HWDP	4 1/2	673.97							
1	XO Sub	6 1/2	2.61							
	Drill Pipe	4								
1	Kelly	6 1/2	40.00							

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)	
Original Hole	165.0	515.0	437.00	10.00	13.00	35.0	425	
WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq	
20	70	700.0	45	95	25			
Q (g inj) (ft³/...)	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...)	T (bh) (°F)	P (Surf Ann) ...	T (surf ann) ...	Q (liq rtn) (g...)	Q (g return) ...
	70							

Deviation Surveys

All Surveys

Azim...	Date	Description	EW Tie In...	Inclin...	MD Tie In (ft...)	NSTie In ...	TVD Tie In (ft...)
	12/6/2011	All Surveys					

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
464.00	1.07	185.40	463.97	-4.31	-0.41	4.22	0.23



Berry Daily Drilling Report

Report Date: 12/5/2011
Report #: 3, DFS: 2.1
Depth Progress: 0

Well Name: LC TRIBAL 5-21D-56

API/UWI 43013507520000	Surface Legal Location NWNW Sec 21 T5S-R6W	Spud Date Notice 12/2/2011	APD State Utah	AFE Number C11 032046	Total AFE Amount
Spud Date 12/3/2011 3:00:00 AM	Rig Release Date 12/13/2011 6:00:00 AM	KB-Ground Distance (ft) 14.00	Ground Elevation (ftKB) 6,662	Daily Cost 44,153	Cum Cost To Date 109,688
Operations at Report Time Wait on cement.			Operations Next 24 Hours WOC, install wellhead, nipple up and test BOPE, PU and orient tools.		Daily Mud Cost 1,013
Operations Summary Work stuck casing, wait on Pioneer Wireline, perforate casing, circulate, cement casing and wait on cement.			Depth Start (ftKB) 515		Mud Additive Cost To Date 2,218
Remarks Fuel on hand=3708 gal, fuel used 948 gal. Ran boiler 24 hours.			Depth Start (TVD) (ftKB)		Depth End (ftKB) 515
Weather Clear			Temperature (°F) 4.0	Road Condition Dry	Depth End (TVD) (ftKB)
			Hole Condition Good	Target Formation CR-6	Target Depth (ftKB) 6,316

Last Casing Set			
Casing Description Surface	Set Depth (ftKB) 404	OD (in) 8 5/8	Comment

Time Log				
Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	08:00	2.00	Miscellaneous	Work stuck casing at 404'. Packed-off above guide shoe, no circulation.
08:00	11:00	3.00	Miscellaneous	Wait on Pioneer Wireline Services. (rig down casing crew)
11:00	12:00	1.00	Miscellaneous	Held PJSM with Pioneer Wireline crew and perforate 8 5/8" casing with 4-1/2" holes at 350'.
12:00	13:00	1.00	Condition Mud & Circulate	Circulate casing. Rig down wireline crew and rig up ProPetro Cementers.
13:00	15:30	2.50	Run Casing & Cement	Held PJSM with ProPetro Cementers and pump 10 bbls fresh water, 46 bbls (225 sks) 2% CACL, 1/4 #sk Flocele, 15.8 ppg, 1.15 yield, 5 gal/sk. Displaced with 21 bbls water. No plug pumped. TOC 20' above perforations (330'). Well shut in with 1" stop valve. No cement to surface. Run 50' of 1" pipe and pumped top-off. WOC 1 hr and top-off again. Cement held at surface.
15:30	06:00	14.50	Wait on Cement	Rig down cementing equipment and wait on cement. Fluid level holding.

Mud Checks							
Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lb/100ft²)	
Dap/LSND	11:30	515.0	9.40	43		12.000	
Gel (10s) (lb/100ft²)	Gel (10m) (lb/10...)	Gel (30m) (lb/10...)	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)	
12.000	24.000		10.0	0	7.0	5.0	
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)	
		95.0	600.000	20.000			
CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)		
					238.0		

Air Data			
Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)

Corrosion Inhibitor Injected in 24hr Period		
gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Drill Strings				
Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)	
Nozzles (/32")	String Length (ft)		String Wt (1000lbf)	BHA ROP (ft...)

Drill String Components										
Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN

Daily Contacts	
Job Contact	Mobile
Frank Doherty	970-623-7085
Roger Reed	435-790-9701

Rigs	
Contractor	Rig Number
Pioneer	5B

Mud Pumps		
# 1, Gardner-Denver, PZ-8		
Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0		7.99
Liner Size (in)	Vol/Stk OR (bbl/stk)	
6 1/2	0.078	
Pressure (psi)	Slow Spd	Strokes (spm)
	No	

# 2, Gardner-Denver, PZ-8		
Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0		7.99
Liner Size (in)	Vol/Stk OR (bbl/stk)	
6 1/2	0.078	
Pressure (psi)	Slow Spd	Strokes (spm)
	No	

Mud Additive Amounts		
Description	Consumed	Daily Cost
Engineer	1.0	450.00
Maxgel	15.0	112.50
Poly Plus	3.0	363.00
Rental	1.0	50.00
Tax	1.0	37.00

Job Supplies		
Diesel Fuel, gal us		
Supply Item Description	Unit Label	
Diesel Fuel	gal us	
Total Received	Total Consumed	Total Returned
12,661.0	10,807.0	

Diesel Fuel Consumption	
Date	Consumed
12/3/2011	698.0
12/4/2011	907.0
12/5/2011	948.0
12/6/2011	741.0
12/7/2011	1,155.0
12/8/2011	1,020.0
12/9/2011	1,298.0
12/10/2011	1,206.0
12/11/2011	1,112.0
12/12/2011	888.0
12/13/2011	834.0



Berry Daily Drilling Report

Report Date: 12/5/2011

Report #: 3, DFS: 2.1

Depth Progress: 0

Well Name: LC TRIBAL 5-21D-56

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)	
WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq	
Q (g inj) (ft³/...)	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...)	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtn) (g...)	Q (g return) ...

Deviation Surveys

All Surveys

Azim...	Date	Description	EW Tie In...	Inclin...	MD Tie In (ft...)	NSTie In ...	TVDTie In (ft...)
	12/6/2011	All Surveys					

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)



Berry Daily Drilling Report

Report Date: 12/6/2011
Report #: 4, DFS: 3.1
Depth Progress: 0

Well Name: LC TRIBAL 5-21D-56

API/UWI 43013507520000	Surface Legal Location NWNW Sec 21 T5S-R6W	Spud Date Notice 12/2/2011	APD State Utah	AFE Number C11 032046	Total AFE Amount
Spud Date 12/3/2011 3:00:00 AM	Rig Release Date 12/13/2011 6:00:00 AM	KB-Ground Distance (ft) 14.00	Ground Elevation (ftKB) 6,662	Daily Cost 18,129	Cum Cost To Date 127,817
Operations at Report Time Pick up Directional tools.			Operations Next 24 Hours PU tools, drill float equipment, drill 7 7/8 production hole.	Daily Mud Cost 500	Mud Additive Cost To Date 2,718
Operations Summary Wait on cement, install well head, nipple up and test BOPE.				Depth Start (ftKB) 515	Depth End (ftKB) 515
Remarks Fuel on hand=2967 gal, fuel used 741 gal. Ran boiler 24 hours.				Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)
Weather Clear	Temperature (°F) -10.0	Road Condition Dry	Hole Condition Good	Target Formation CR-6	Target Depth (ftKB) 6,316

Last Casing Set				Daily Contacts	
Casing Description Surface	Set Depth (ftKB) 404	OD (in) 8 5/8	Comment	Job Contact	Mobile
				Frank Doherty	970-623-7085
				Roger Reed	435-790-9701

Time Log				Rigs	
Start Time	End Time	Dur (hrs)	Operation	Contractor	Rig Number
06:00	14:00	8.00	Wait on Cement	Pioneer	5B

14:00	21:00	7.00	Miscellaneous	Cut off conductor pipe and 8 5/8" surface casing. Prepare surface casing for IC2L Series lock down well head. pre-heat well head (300 F). Weld on well head. Let well head cool 30 min. Pressure test well head for 15 minutes at 1500 PSI.	
21:00	01:00	4.00	NU/ND BOP	Nipple up BOPE. Rotating head and flowline. Function test BOP and accumulator.	
01:00	06:00	5.00	Test BOP	Held PJSM with A-1 Tester. Test upper kelly valve, floor valve, kill line, choke manifold, blind rams, pipe rams, inside bop valve, and casing. 250 psi low. 2000 psi high.	

Mud Checks				Mud Additive Amounts			
Type Dap/LSND	Time 13:00	Depth (ftKB) 404.0	Density (lb/gal) 9.30	Vis (s/qt) 35	PV Calc (cp)	Yield Point (lb/100ft²) 6.000	
Engineer							Consumed 1.0
Rental							Daily Cost 450.00

Job Supplies				Diesel Fuel Consumption			
Supply Item Description Diesel Fuel	Unit Label gal us	Total Received 12,661.0	Total Consumed 10,807.0	Total Returned	Date	Consumed	
				12/3/2011	698.0		
				12/4/2011	907.0		
				12/5/2011	948.0		
				12/6/2011	741.0		
				12/7/2011	1,155.0		
				12/8/2011	1,020.0		
				12/9/2011	1,298.0		
				12/10/2011	1,206.0		
				12/11/2011	1,112.0		
				12/12/2011	888.0		
				12/13/2011	834.0		

Air Data				Corrosion Inhibitor Injected in 24hr Period			
Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)	gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)	

Drill Strings				Drill String Components			
Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)	Jts	Item Description	OD (in)	Len (ft)
Nozzles (/32")	String Length (ft)	String Wt (1000lb)	BHA ROP (ft...)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)
				min gpm (gpm)	max gpm (gpm)	SN	

Drilling Parameters			
Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)
WOB (1000lb)	RPM (rpm)	SPP (psi)	Rot HL (1000lb)
Q (g inj) (ft³/...)	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...)
		T (bh) (°F)	P (Surf Ann) ...
			T (surf ann) ...
			Q (liq rtn) (g...)
			Q (g return) ...

Deviation Surveys			
All Surveys			
Azim...	Date	Description	EW Tie In...
	12/6/2011	All Surveys	Inclin...
			MD Tie In (ft...)
			NSTie In ...
			TVDTie In (ft...)



Berry Daily Drilling Report

Report Date: 12/6/2011

Report #: 4, DFS: 3.1

Depth Progress: 0

Well Name: LC TRIBAL 5-21D-56

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)



Berry Daily Drilling Report

Report Date: 12/7/2011
Report #: 5, DFS: 4.1
Depth Progress: 1,220

Well Name: LC TRIBAL 5-21D-56

API/UWI 43013507520000	Surface Legal Location NWNW Sec 21 T5S-R6W	Spud Date Notice 12/2/2011	APD State Utah	AFE Number C11 032046	Total AFE Amount
Spud Date 12/3/2011 3:00:00 AM	Rig Release Date 12/13/2011 6:00:00 AM	KB-Ground Distance (ft) 14.00	Ground Elevation (ftKB) 6,662	Daily Cost 64,595	Cum Cost To Date 192,412
Operations at Report Time Drilling 7 7/8 production hole.		Operations Next 24 Hours Drill Ahead.		Daily Mud Cost 806	Mud Additive Cost To Date 3,524
Operations Summary Pre spud, pick up tools, service rig, PU dir tools, drill shoe track, drill from 404' to 1340', service rig, drill from 1340' to 1624'.				Depth Start (ftKB) 404	Depth End (ftKB) 1,624
Remarks Fuel on hand=6212 gal, fuel used 1155 gal. Recieved 4400 gal. Ran boiler 24 hours.				Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)
Weather Clear	Temperature (°F) -5.0	Road Condition Dry	Hole Condition Good	Target Formation CR-6	Target Depth (ftKB) 6,316

Last Casing Set				Daily Contacts	
Casing Description Surface	Set Depth (ftKB) 404	OD (in) 8 5/8	Comment	Job Contact	Mobile
				Frank Doherty	970-623-7085
				Roger Reed	435-790-9701

Time Log				Rigs	
Start Time	End Time	Dur (hrs)	Operation	Contractor	Rig Number
06:00	07:00	1.00	Miscellaneous	Pioneer	5B
07:00	10:30	3.50	Trips		
10:30	11:30	1.00	Lubricate Rig		
11:30	14:00	2.50	Drill Out Cement/Retainers		
14:00	03:00	13.00	Drilling		
03:00	03:30	0.50	Lubricate Rig		
03:30	06:00	2.50	Drilling		

Mud Checks				Mud Additive Amounts			
Type Dap/LSND	Time 09:00	Depth (ftKB) 404.0	Density (lb/gal) 9.00	Vis (s/qt) 32	PV Calc (cp)	Yield Point (lb/100ft²) 10.000	
Gel (10s) (lb/100ft³)	Gel (10m) (lb/10...	Gel (30m) (lb/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH 7.0	Solids (%)	
10.000	16.000						
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)	
	97.0		600.000	20.000			
CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)		
					178.0		

Air Data				Diesel Fuel Consumption		
Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)	Date	Consumed	
				12/3/2011	698.0	
				12/4/2011	907.0	
				12/5/2011	948.0	
				12/6/2011	741.0	
				12/7/2011	1,155.0	
				12/8/2011	1,020.0	
				12/9/2011	1,298.0	
				12/10/2011	1,206.0	
				12/11/2011	1,112.0	
				12/12/2011	888.0	
				12/13/2011	834.0	

Corrosion Inhibitor Injected in 24hr Period				Job Supplies		
gls Injected down Parasite (gal)	gls Injected in Mud (gal)		gls Biocide Injected in Mud (gal)	Engineer	Consumed	Daily Cost
				Rental	1.0	450.00
				Salt	1.0	50.00
				Sawdust	5.0	45.00
				Sodium Bicarb	25.0	112.50
				Tax	5.0	111.00
					1.0	37.00

Drill Strings				Diesel Fuel Consumption		
Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)	Date	Consumed	
1	7 7/8in, FX65M, 11620137	-----	1.18	12/3/2011	698.0	
Nozzles (/32")	String Length (ft)		String Wt (1000lb)	12/4/2011	907.0	
16/16/16/16/16	6,366.40		71.8	12/5/2011	948.0	

Drill String Components										
Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
1	7 7/8 bit	7 7/8	1.00							
1	Mud Motor	6 1/2	28.72							
1	NMDC	6 1/2	30.84							
1	Gap sub	6 1/2	5.64							
2	Drill Collar	6 1/4	59.15							
30	HWDP	4 1/2	918.87							
1	XO Sub	6 1/2	2.61							
167	Drill Pipe	4	5,279.57							
1	Kelly	6 1/2	40.00							



Berry Daily Drilling Report

Report Date: 12/7/2011

Report #: 5, DFS: 4.1

Depth Progress: 1,220

Well Name: LC TRIBAL 5-21D-56

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)	
Original Hole	404.0	1,624.0	1,220.00	15.50	15.50	78.7	450	
WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq	
15	70	900.0	55,000	60,000	50,000			
Q (g inj) (ft³/...)	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...)	T (bh) (°F)	P (Surf Ann) ...	T (surf ann) ...	Q (liq rtn) (g...)	Q (g return) ...
	94							

Deviation Surveys

All Surveys

Azim...	Date	Description	EW Tie In...	Inclin...	MD Tie In (ft...)	NSTie In ...	TVD Tie In (ft...)
	12/6/2011	All Surveys					

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
464.00	1.07	185.40	463.97	-4.31	-0.41	4.22	0.23
543.00	2.64	177.57	542.93	-6.87	-0.40	6.75	2.01
604.00	4.75	176.52	603.80	-10.79	-0.19	10.66	3.46
666.00	6.94	181.97	665.47	-17.10	-0.16	16.92	3.64
727.00	8.48	189.79	725.92	-25.21	-1.05	24.84	3.05
788.00	9.36	192.69	786.18	-34.48	-2.91	33.77	1.62
850.00	10.55	188.38	847.25	-45.02	-4.84	43.94	2.26
911.00	11.25	189.70	907.15	-56.41	-6.66	54.98	1.22
973.00	13.05	189.61	967.76	-69.27	-8.85	67.43	2.90
1,036.00	14.63	187.86	1,028.93	-84.17	-11.12	81.87	2.59
1,100.00	15.60	187.68	1,090.71	-100.70	-13.38	97.95	1.52
1,163.00	17.53	184.96	1,151.10	-118.55	-15.33	115.36	3.30
1,227.00	18.76	179.68	1,211.92	-138.45	-16.10	134.97	3.21
1,290.00	20.08	177.92	1,271.33	-159.39	-15.66	155.77	2.29
1,353.00	22.02	174.23	1,330.13	-181.95	-14.08	178.34	3.73
1,417.00	24.30	172.30	1,388.97	-206.94	-11.10	203.50	3.75
1,479.00	26.32	171.25	1,445.01	-233.17	-7.30	230.01	3.34
1,543.00	28.74	169.66	1,501.76	-262.33	-2.38	259.57	3.95
1,606.00	29.49	169.75	1,556.80	-292.49	3.10	290.19	1.19



Berry Daily Drilling Report

Report Date: 12/8/2011
Report #: 6, DFS: 5.1
Depth Progress: 1,012

Well Name: LC TRIBAL 5-21D-56

API/UWI 43013507520000	Surface Legal Location NWNW Sec 21 T5S-R6W	Spud Date Notice 12/2/2011	APD State Utah	AFE Number C11 032046	Total AFE Amount
Spud Date 12/3/2011 3:00:00 AM	Rig Release Date 12/13/2011 6:00:00 AM	KB-Ground Distance (ft) 14.00	Ground Elevation (ftKB) 6,662	Daily Cost 24,269	Cum Cost To Date 216,681
Operations at Report Time Drilling 7 7/8 production hole.			Operations Next 24 Hours Drill Ahead		Daily Mud Cost 1,594
Operations Summary Drill from 1624' to 2034', service rig, repair rig, trip out, work tight hole, finish trip out, replace mud motor, TIH, W&R 70', drill from 2034' to 2541', service rig, drill from 2541' to 2636'.			Depth Start (ftKB) 1,624		Depth End (ftKB) 2,636
Remarks Fuel on hand=5192 gal, fuel used 1020 gal. ran boiler 24 hours.			Depth Start (TVD) (ftKB)		Depth End (TVD) (ftKB)
Weather Clear		Temperature (°F) 2.0	Road Condition Dry	Hole Condition Good	Target Formation CR-6
			Target Depth (ftKB) 6,316		

Last Casing Set				Daily Contacts	
Casing Description Surface	Set Depth (ftKB) 404	OD (in) 8 5/8	Comment	Job Contact Frank Doherty Roger Reed	Mobile 970-623-7085 435-790-9701

Time Log				Rigs	
Start Time	End Time	Dur (hrs)	Operation	Contractor Pioneer	Rig Number 5B
06:00	11:30	5.50	Drilling	Drill with rotary and slides from 1624' to 2034'. Average ROP 75 ft/hr, bit wt 15k, rpm 65, 435 GPM.	
11:30	12:00	0.50	Lubricate Rig	Service rig. Replace Crown-O-Matic toggle switch.	
12:00	13:30	1.50	Repair Rig	Thaw fill up line and and standpipe valve. Winterize kelly.	
13:30	15:00	1.50	Trips	Trip out to replace mud motor (Loss of differential pressure).	
15:00	16:30	1.50	Condition Mud & Circulate	Work tight hole at 1405'	
16:30	18:00	1.50	Trips	Finish trip out. Cleaned balled-up bit and opened 2-plugged nozzles.	
18:00	19:00	1.00	Trips	Change out mud motor and Re-Program MWD tools.	
19:00	20:00	1.00	Trips	Trip in hole.	
20:00	20:30	0.50	Reaming	Wash and Ream 70' to bottom (no fill)	
20:30	03:00	6.50	Drilling	Drill with rotary and slides from 2034' to 2541'.	
03:00	03:30	0.50	Lubricate Rig	Service rig.	
03:30	06:00	2.50	Drilling	Drill with rotary and slides from 2541' to 2636,.	

Mud Checks				Mud Additive Amounts					
Type Dap/LSND	Time 11:00	Depth (ftKB) 2,033.0	Density (lb/gal) 9.70	Vis (s/qt) 44	PV Calc (cp)	Yield Point (lb/100ft²) 12.000	Description Corrosion ring	Consumed 1.0	Daily Cost 100.00
Gel (10s) (lb/100ft³)	Gel (10m) (lb/10...)	Gel (30m) (lb/10...)	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)	Dap	5.0	167.50
14.000	26.000		10.0	2	9.0	6.0	Engineer	1.0	450.00
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)	Maxgel	85.0	637.50
		94.0	600.000	20.000			Pallets	2.0	40.00
CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)		Rental	1.0	50.00
					262.0		Salt	8.0	72.00
							Shink wrap	2.0	40.00
							Tax	1.0	37.00

Job Supplies				Diesel Fuel, gal us			
Supply Item Description Diesel Fuel							Unit Label gal us
Total Received 12,661.0		Total Consumed 10,807.0		Total Returned			

Air Data				Diesel Fuel Consumption			
Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)	Date	Consumed		
				12/3/2011	698.0		
				12/4/2011	907.0		
				12/5/2011	948.0		
				12/6/2011	741.0		
				12/7/2011	1,155.0		
				12/8/2011	1,020.0		
				12/9/2011	1,298.0		
				12/10/2011	1,206.0		
				12/11/2011	1,112.0		
				12/12/2011	888.0		
				12/13/2011	834.0		

Corrosion Inhibitor Injected in 24hr Period			
gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)	

Drill Strings			
BHA #2, Steerable			
Bit Run 1	Drill Bit 7 7/8in, FX65M, 11620137	IADC Bit Dull -----	TFA (incl Noz) (in²) 1.18
Nozzles (/32")	16/16/16/16/16	String Length (ft) 6,366.40	String Wt (1000lbft) 71.8

Drill String Components										
Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
1	7 7/8 bit	7 7/8	1.00							
1	Mud Motor	6 1/2	28.72							
1	NMDC	6 1/2	30.84							
1	Gap sub	6 1/2	5.64							
2	Drill Collar	6 1/4	59.15							



Berry Daily Drilling Report

Report Date: 12/8/2011

Report #: 6, DFS: 5.1

Depth Progress: 1,012

Well Name: LC TRIBAL 5-21D-56

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
30	HWDP	4 1/2	918.87							
1	XO Sub	6 1/2	2.61							
167	Drill Pipe	4	5,279.57							
1	Kelly	6 1/2	40.00							

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)	
Original Hole	1,624.0	2,636.0	2,232.00	14.50	30.00	69.8	450	
WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq	
15	65	1,100.0	70,000	80,000	60,000			
Q (g inj) (ft³/...)	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...)	T (bh) (°F)	P (Surf Ann) ...	T (surf ann) ...	Q (liq rtn) (g...)	Q (g return) ...
	94							

Deviation Surveys

All Surveys

Azim...	Date	Description	EW Tie In...	Inclin...	MD Tie In (ft...)	NSTie In ...	TVD Tie In (ft...)
	12/6/2011	All Surveys					

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
1,700.00	29.58	166.59	1,638.59	-337.83	12.59	336.40	1.66
1,795.00	29.58	166.59	1,721.21	-383.45	23.47	383.08	0.00
1,889.00	30.06	165.88	1,802.76	-428.85	34.59	429.57	0.63
1,984.00	31.29	166.76	1,884.47	-475.94	46.05	477.78	1.38
2,079.00	31.03	165.80	1,965.76	-523.69	57.71	526.67	0.59
2,142.00	30.81	165.44	2,019.81	-555.05	65.74	558.83	0.46
2,205.00	30.28	166.06	2,074.07	-586.08	73.63	590.65	0.98
2,300.00	28.83	166.06	2,156.70	-631.56	84.92	637.24	1.53
2,396.00	28.56	165.35	2,240.91	-676.23	96.30	683.04	0.45
2,491.00	29.05	166.41	2,324.16	-720.62	107.46	728.54	0.75
2,586.00	28.26	168.17	2,407.53	-765.05	117.49	773.92	1.22



Berry Daily Drilling Report

Report Date: 12/9/2011
Report #: 7, DFS: 6.1
Depth Progress: 1,327

Well Name: LC TRIBAL 5-21D-56

API/UWI 43013507520000		Surface Legal Location NWNW Sec 21 T5S-R6W		Spud Date Notice 12/2/2011		APD State Utah		AFE Number C11 032046		Total AFE Amount																			
Spud Date 12/3/2011 3:00:00 AM		Rig Release Date 12/13/2011 6:00:00 AM		KB-Ground Distance (ft) 14.00		Ground Elevation (ftKB) 6,662		Daily Cost 24,385		Cum Cost To Date 241,066																			
Operations at Report Time Drilling 7 7/8 production hole.				Operations Next 24 Hours Drill Ahead				Daily Mud Cost 1,082		Mud Additive Cost To Date 6,200																			
Operations Summary Drill from 2636' to 3174', service rig, drill from 3174' to 3553', lost complete returns, trip out to establish circulation, TIH, drill from 3553' to 3963'.						Depth Start (ftKB) 2,636		Depth End (ftKB) 3,963		Depth Start (TVD) (ftKB)		Depth End (TVD) (ftKB)																	
Remarks Fuel on hand=3894 gal. fuel used 1298 gal. Ran boiler 24 hours.						Target Formation CR-6		Target Depth (ftKB) 6,316		Daily Contacts																			
Weather Clear		Temperature (°F) 8.0		Road Condition Dry		Hole Condition Good		Job Contact				Mobile																	
Last Casing Set						Frank Doherty		970-623-7085				Roger Reed		435-790-9701															
Casing Description Surface		Set Depth (ftKB) 404		OD (in) 8 5/8		Comment		Rigs				Contractor		Rig Number															
Time Log						Pioneer		5B				Mud Pumps		# 1, Gardner-Denver, PZ-8															
Start Time		End Time		Dur (hrs)		Operation		Comment		Pump Rating (hp)		Rod Diameter (in)		Stroke Length (in)															
06:00		14:00		8.00		Drilling		Drill with rotary and slides from 2636' to 3174'. Averages ROP 68 ft/hr. bit WT 15-20k, RPM 65, 425 GPM.		750.0		7.99																	
14:00		15:00		1.00		Lubricate Rig		Service Rig. Adjust and inspect brakes. Dump and clean sand trap.		Liner Size (in)		Vol/Stk OR (bbl/stk)																	
15:00		23:00		8.00		Drilling		Drill with rotary and slides from 3174' to 3553'.		6 1/2		0.078																	
23:00		00:00		1.00		Condition Mud & Circulate		Lost complete returns. Mix and pump lcm sweeps. Lost 300 bbls.		Pressure (psi)		Slow Spd		Strokes (spm) Eff (%)															
00:00		00:30		0.50		Trips		Trip out 5 stds. To help establish circulation.		No																			
00:30		01:00		0.50		Condition Mud & Circulate		Mix and pump LCM sweep. Established Circulation. (TIH)		# 2, Gardner-Denver, PZ-8																			
01:00		06:00		5.00		Drilling		Drill with full returns from 3553' to 3963'.		Pump Rating (hp)		Rod Diameter (in)		Stroke Length (in)															
										750.0		7.99																	
										Liner Size (in)		Vol/Stk OR (bbl/stk)																	
										6 1/2		0.078																	
										Pressure (psi)		Slow Spd		Strokes (spm) Eff (%)															
										No																			
Mud Checks						Mud Additive Amounts						Description						Consumed		Daily Cost									
Type		Time		Depth (ftKB)		Density (lb/gal)		Vis (s/qt)		PV Calc (cp)		Yield Point (lb/100ft²)		Dap		5.0		167.50											
Dap/LSND		14:00		3,120.0		9.70		42				12.000		Engineer		1.0		450.00											
Gel (10s) (lb/100ft²)		Gel (10m) (lb/100ft²)		Gel (30m) (lb/100ft²)		Filtrate (mL/30min)		Filter Cake (/32")		pH		Solids (%)		Maxgel		45.0		337.50											
12.000		24.000				12.0		2		7.5		6.0		Pallets		1.0		20.00											
MBT (lb/bbl)		Percent Oil (%)		Percent Water (%)		Chlorides (mg/L)		Calcium (mg/L)		KCL (%)		Electric Stab (V)		Rental		1.0		50.00											
				94.0		400.000		20.000						Shink wrap		1.0		20.00											
CEC for Cuttings		Whole Mud Add (bbl)		Mud Lost to Hole (bbl)		Mud Lost (Surf) (bbl)		Mud Vol (Res) (bbl)		Mud Vol (Act) (bbl)				Tax		1.0		37.00											
										324.0																			
Air Data						Job Supplies						Diesel Fuel, gal us						Supply Item Description		Unit Label									
Parasite ACFM (ft³/min)		Drillpipe ACFM (ft³/min)		ECD Bit (lb/gal)		ECD Parasite (lb/gal)								Diesel Fuel		gal us													
Corrosion Inhibitor Injected in 24hr Period						gls Injected down Parasite (gal)						gls Injected in Mud (gal)						gls Biocide Injected in Mud (gal)											
Drill Strings						Diesel Fuel Consumption						Date						Consumed											
BHA #2, Steerable						12/3/2011						698.0						12/4/2011						907.0					
Bit Run		Drill Bit		IADC Bit Dull		TFA (incl Noz) (in²)																							
1		7 7/8in, FX65M, 11620137		-----		1.18																							
Nozzles (/32")						String Length (ft)						String Wt (1000lb)						BHA ROP (ft...)											
16/16/16/16/16						6,366.40												71.8											
Drill String Components						12/5/2011						948.0						12/6/2011						741.0					
Jts		Item Description		OD (in)		Len (ft)		Lobe config		Stages		rpm/gpm		Bit-Bend ft. (ft)		min gpm (gpm)		max gpm (gpm)		SN									
1		7 7/8 bit		7 7/8		1.00														12/7/2011		1,155.0							
1		Mud Motor		6 1/2		28.72														12/8/2011		1,020.0							
1		NMDC		6 1/2		30.84														12/9/2011		1,298.0							
1		Gap sub		6 1/2		5.64														12/10/2011		1,206.0							
2		Drill Collar		6 1/4		59.15														12/11/2011		1,112.0							
30		HWDP		4 1/2		918.87														12/12/2011		888.0							
1		XO Sub		6 1/2		2.61														12/13/2011		834.0							
167		Drill Pipe		4		5,279.57																							
1		Kelly		6 1/2		40.00																							



Berry Daily Drilling Report

Report Date: 12/9/2011

Report #: 7, DFS: 6.1

Depth Progress: 1,327

Well Name: LC TRIBAL 5-21D-56

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)	
Original Hole	2,636.0	3,963.0	3,559.00	21.00	51.00	63.2	400	
WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq	
15	65	1,400.0	80,000	120,000	75,000			
Q (g inj) (ft³/...)	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...)	T (bh) (°F)	P (Surf Ann) ...	T (surf ann) ...	Q (liq rtn) (g...)	Q (g return) ...
	84							

Deviation Surveys

All Surveys

Azim...	Date	Description	EW Tie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVD Tie In (ft...
	12/6/2011	All Surveys					

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
2,681.00	28.39	168.43	2,491.15	-809.19	126.63	818.89	0.19
2,776.00	27.77	169.22	2,574.97	-853.06	135.30	863.53	0.76
2,871.00	27.42	168.70	2,659.16	-896.25	143.72	907.47	0.45
2,965.00	25.78	169.31	2,743.21	-937.56	151.76	949.49	1.77
3,060.00	23.99	169.66	2,829.39	-976.86	159.06	989.42	1.89
3,155.00	21.97	171.51	2,916.84	-1,013.44	165.15	1,026.49	2.26
3,249.00	20.00	173.00	3,004.61	-1,046.79	169.70	1,060.15	2.17
3,345.00	18.46	172.65	3,095.25	-1,078.16	173.65	1,091.76	1.61
3,440.00	17.80	171.42	3,185.53	-1,107.44	177.74	1,121.32	0.80
3,534.00	17.09	171.60	3,275.21	-1,135.31	181.90	1,149.50	0.76
3,629.00	15.82	170.28	3,366.31	-1,161.88	186.13	1,176.40	1.39
3,724.00	15.07	169.75	3,457.88	-1,186.80	190.51	1,201.68	0.80
3,818.00	13.46	168.78	3,548.98	-1,209.56	194.81	1,224.82	1.73
3,913.00	12.26	173.09	3,641.60	-1,230.42	198.18	1,245.94	1.62



Berry Daily Drilling Report

Report Date: 12/10/2011
Report #: 8, DFS: 7.1
Depth Progress: 1,677

Well Name: LC TRIBAL 5-21D-56

API/UWI 43013507520000	Surface Legal Location NWNW Sec 21 T5S-R6W	Spud Date Notice 12/2/2011	APD State Utah	AFE Number C11 032046	Total AFE Amount
Spud Date 12/3/2011 3:00:00 AM	Rig Release Date 12/13/2011 6:00:00 AM	KB-Ground Distance (ft) 14.00	Ground Elevation (ftKB) 6,662	Daily Cost 27,910	Cum Cost To Date 268,976
Operations at Report Time Drilling 7 7/8 production hole.			Operations Next 24 Hours Drill to 6350', circulate, trip out for logs.	Daily Mud Cost 3,887	Mud Additive Cost To Date 10,086
Operations Summary Drill from 3963' to 4565', service the rig, drill from 4565' to 5324', service rig, drill from 5324' to 5640'.				Depth Start (ftKB) 3,963	Depth End (ftKB) 5,640
Remarks Fuel on hand=2688 gal, fuel used 1206 gal. Ran boiler 24 hours.				Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)
Weather Clear	Temperature (°F) 9.0	Road Condition Dry	Hole Condition Good	Target Formation CR-6	Target Depth (ftKB) 6,316

Last Casing Set			
Casing Description Surface	Set Depth (ftKB) 404	OD (in) 8 5/8	Comment

Daily Contacts	
Job Contact	Mobile
Frank Doherty	970-623-7085
Roger Reed	435-790-9701

Time Log				
Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	15:00	9.00	Drilling	Drill with rotary and slides from 3963' to 4565'. Average ROP 67 ft/hr, bit wt 15-20k, RPM 65, GPM 425.
15:00	15:30	0.50	Lubricate Rig	Service Rig. Dump and clean sand trap.
15:30	03:00	11.50	Drilling	Drill with rotary and slides from 4565' to 5324'.
03:00	03:30	0.50	Lubricate Rig	Service Rig.
03:30	06:00	2.50	Drilling	Drill with rotary and slides from 5324' to 5640'.

Rigs	
Contractor Pioneer	Rig Number 5B

Mud Checks						
Type Dap /LSND	Time 12:30	Depth (ftKB) 4,425.0	Density (lb/gal) 9.20	Vis (s/qt) 36	PV Calc (cp)	Yield Point (lb/100ft²) 11,000
Gel (10s) (lb/100ft³)	Gel (10m) (lb/100ft³)	Gel (30m) (lb/100ft³)	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
11.000	22.000		10.0	2	7.0	5.0
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
	95.0	300.000	20.000			
CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)	
		350.0			398.0	

Mud Pumps		
# 1, Gardner-Denver, PZ-8		
Pump Rating (hp) 750.0	Rod Diameter (in)	Stroke Length (in) 7.99
Liner Size (in) 6 1/2	Vol/Stk OR (bbl/stk) 0.078	
Pressure (psi)	Slow Spd	Strokes (spm) Eff (%)
	No	

Air Data			
Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)

# 2, Gardner-Denver, PZ-8		
Pump Rating (hp) 750.0	Rod Diameter (in)	Stroke Length (in) 7.99
Liner Size (in) 6 1/2	Vol/Stk OR (bbl/stk) 0.078	
Pressure (psi)	Slow Spd	Strokes (spm) Eff (%)
	No	

Corrosion Inhibitor Injected in 24hr Period		
gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Mud Additive Amounts		
Description	Consumed	Daily Cost
Dap	10.0	335.00
Engineer	1.0	450.00
Fiber seal	35.0	577.50
Maxgel	150.0	1,125.00
Pallets	4.0	80.00
Rental	1.0	50.00
Sawdust	90.0	405.00
Shink wrap	4.0	80.00
Sterate	1.0	97.00
Tax	1.0	37.00
Trucking	1.0	650.00

Drill Strings			
BHA #2, Steerable			
Bit Run 1	Drill Bit 7 7/8in, FX65M, 11620137	IADC Bit Dull -----	TFA (incl Noz) (in²) 1.18
Nozzles (/32")	16/16/16/16/16	String Length (ft) 6,366.40	String Wt (1000lb) 71.8

Job Supplies		
Diesel Fuel, gal us		Unit Label gal us
Supply Item Description		
Diesel Fuel		
Total Received 12,661.0	Total Consumed 10,807.0	Total Returned

Drill String Components										
Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
1	7 7/8 bit	7 7/8	1.00							
1	Mud Motor	6 1/2	28.72							
1	NMDC	6 1/2	30.84							
1	Gap sub	6 1/2	5.64							
2	Drill Collar	6 1/4	59.15							
30	HWDP	4 1/2	918.87							
1	XO Sub	6 1/2	2.61							
167	Drill Pipe	4	5,279.57							
1	Kelly	6 1/2	40.00							

Diesel Fuel Consumption		
Date	Consumed	
12/3/2011	698.0	
12/4/2011	907.0	
12/5/2011	948.0	
12/6/2011	741.0	
12/7/2011	1,155.0	
12/8/2011	1,020.0	
12/9/2011	1,298.0	
12/10/2011	1,206.0	
12/11/2011	1,112.0	
12/12/2011	888.0	
12/13/2011	834.0	

Drilling Parameters							
Wellbore Original Hole	Start (ftKB) 3,963.0	Depth End (ftKB) 5,640.0	Cum Depth (ft) 5,236.00	Drill Time (hrs) 23.00	Cum Drill Time ... 74.00	Int ROP (ft/hr) 72.9	Flow Rate (gpm) 400
WOB (1000lbf) 15	RPM (rpm) 65	SPP (psi) 1,600.0	Rot HL (1000lbf) 120,000	PU HL (1000lbf) 160,000	SO HL (1000lbf) 80,000	Drilling Torque	Off Btm Tq
Q (g inj) (ft³/...)	Motor RPM (rpm) 84	T (lnj) (°F)	P (BH Ann) (...)	T (bh) (°F)	P (Surf Ann) ...	T (surf ann) ...	Q (liq rtn) (g...)
							Q (g return) ...



Berry Daily Drilling Report

Report Date: 12/10/2011

Report #: 8, DFS: 7.1

Depth Progress: 1,677

Well Name: LC TRIBAL 5-21D-56

Deviation Surveys

All Surveys

Azim...	Date	Description	EW Tie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVD Tie In (ft...
	12/6/2011	All Surveys					

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
4,008.00	11.34	173.71	3,734.59	-1,249.71	200.42	1,265.36	0.98
4,104.00	9.84	179.16	3,828.95	-1,267.30	201.57	1,282.94	1.88
4,198.00	9.36	179.95	3,921.64	-1,282.97	201.69	1,298.49	0.53
4,293.00	8.66	177.66	4,015.47	-1,297.85	201.99	1,313.26	0.83
4,388.00	7.91	171.33	4,109.48	-1,311.45	203.27	1,326.92	1.24
4,483.00	8.13	169.05	4,203.55	-1,324.51	205.53	1,340.16	0.41
4,578.00	7.47	173.71	4,297.67	-1,337.25	207.48	1,353.04	0.96
4,674.00	6.33	178.36	4,392.97	-1,348.74	208.32	1,364.54	1.32
4,769.00	5.54	179.42	4,487.46	-1,358.56	208.52	1,374.30	0.84
4,864.00	5.01	180.90	4,582.06	-1,367.29	208.50	1,382.95	0.58
4,959.00	4.57	178.80	4,676.73	-1,375.22	208.51	1,390.81	0.50
5,054.00	3.91	178.01	4,771.47	-1,382.24	208.70	1,397.79	0.70
5,149.00	3.87	183.73	4,866.25	-1,388.68	208.61	1,404.15	0.41
5,243.00	3.78	184.08	4,960.04	-1,394.94	208.18	1,410.29	0.10
5,337.00	3.47	184.60	5,053.85	-1,400.86	207.73	1,416.10	0.33
5,432.00	3.30	184.60	5,148.68	-1,406.45	207.28	1,421.58	0.18
5,527.00	2.86	185.22	5,243.55	-1,411.54	206.85	1,426.56	0.46
5,621.00	2.64	188.82	5,337.44	-1,416.01	206.30	1,430.92	0.30



Berry Daily Drilling Report

Report Date: 12/11/2011
Report #: 9, DFS: 8.1
Depth Progress: 726

Well Name: LC TRIBAL 5-21D-56

API/UWI 43013507520000	Surface Legal Location NWNW Sec 21 T5S-R6W	Spud Date Notice 12/2/2011	APD State Utah	AFE Number C11 032046	Total AFE Amount
Spud Date 12/3/2011 3:00:00 AM	Rig Release Date 12/13/2011 6:00:00 AM	KB-Ground Distance (ft) 14.00	Ground Elevation (ftKB) 6,662	Daily Cost 24,155	Cum Cost To Date 293,131
Operations at Report Time Trip in hole for wiper run.		Operations Next 24 Hours Trip out and log, trip in and LDDP. run casing.		Daily Mud Cost 1,177	Mud Additive Cost To Date 11,263
Operations Summary Drill from 5640' to 6177', service rig, drill from 6177' to 6366', circulate, trip out, log, trip in, ream, finish trip to bottom.				Depth Start (ftKB) 5,640	Depth End (ftKB) 6,366
Remarks Fuel on hand=1576 gal, fuel used 1112 gal. Ran boiler 24 hours.				Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)
Weather Clear	Temperature (°F) 7.0	Road Condition Dry	Hole Condition Good	Target Formation CR-6	Target Depth (ftKB) 6,316

Last Casing Set				Daily Contacts	
Casing Description Surface	Set Depth (ftKB) 404	OD (in) 8 5/8	Comment	Job Contact	Mobile
				Frank Doherty	970-623-7085
				Roger Reed	435-790-9701

Time Log				Rigs	
Start Time	End Time	Dur (hrs)	Operation	Contractor	Rig Number
06:00	12:00	6.00	Drilling	Pioneer	5B

Drilling from 5640' to 6177'. Average ROP 90 ft/hr. bit wt 15-20k, RPM 65, GPM 400. 9.2 MWT. 35 Vis.				Mud Pumps	
Service rig. Dump and clean sand trap.				# 1, Gardner-Denver, PZ-8	
Drill from 6177' to 6366' T.D.				Pump Rating (hp)	750.0
Circulate two high-vis sweeps to surface. Circulate shaker screens clean.(winterize kelly and standpipe).				Rod Diameter (in)	6 1/2
Trip out for logs. Lay down directional tools.				Stroke Length (in)	7.99
Held PJSM with Halliburton loggers. Loggers tagged bridge at 4460'. Rig down Loggers.				Vol/Stk OR (bbl/stk)	0.078
Trip in hole with tri cone bit for wiper run.				Pressure (psi)	No
Wash and ream from 4420' to 4480'.				Slow Spd	No
Trip in hole to circulate bottoms up.				Strokes (spm)	
				Eff (%)	

Mud Checks							Mud Additive Amounts		
Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lb/100ft²)	Description	Consumed	Daily Cost
Dap/LSND	12:30	6,145.0	9.20	32		11,000	Dap	5.0	167.50
Gel (10s) (lb/100ft³)	Gel (10m) (lb/10...	Gel (30m) (lb/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)	Engineer	1.0	450.00
11.000	22.000	10.0	2	7.0	5.0	Maxgel	45.0	337.50	
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)	Pallets	1.0	20.00
	95.0	300.000	20.000			Rental	1.0	50.00	
CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)	Sawdust	3.0	27.00	
					297.0	Salt	15.0	67.50	
						Shink wrap	1.0	20.00	
						Tax	1.0	37.00	

Air Data				Job Supplies		
Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)	Diesel Fuel, gal us		Unit Label
				Supply Item Description		gal us

Corrosion Inhibitor Injected in 24hr Period				Diesel Fuel Consumption		
gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)	Total Received	Total Consumed	Total Returned	Date
			12,661.0	10,807.0		Consumed

Drill Strings						Date		Consumed		
BHA #2, Steerable						12/3/2011		698.0		
Bit Run	Drill Bit	AADC Bit Dull	TFA (incl Noz) (in²)	12/4/2011		907.0				
1	7 7/8in, FX65M, 11620137	-----	1.18	12/5/2011		948.0				
Nozzles (/32")	16/16/16/16/16	String Length (ft)	String Wt (1000lb)	BHA ROP (ft..)	12/6/2011		741.0			
		6,366.40		71.8	12/7/2011		1,155.0			

Drill String Components										
Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
1	7 7/8 bit	7 7/8	1.00							
1	Mud Motor	6 1/2	28.72							
1	NMDC	6 1/2	30.84							
1	Gap sub	6 1/2	5.64							
2	Drill Collar	6 1/4	59.15							
30	HWDP	4 1/2	918.87							
1	XO Sub	6 1/2	2.61							
167	Drill Pipe	4	5,279.57							
1	Kelly	6 1/2	40.00							



Berry Daily Drilling Report

Report Date: 12/11/2011

Report #: 9, DFS: 8.1

Depth Progress: 726

Well Name: LC TRIBAL 5-21D-56

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)	
Original Hole	5,640.0	6,366.0	5,962.00	9.00	83.00	80.7	400	
WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq	
20	65	1,800.0	125,000	170,000	85,000			
Q (g inj) (ft³/...)	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...)	T (bh) (°F)	P (Surf Ann) ...	T (surf ann) ...	Q (liq rtn) (g...)	Q (g return) ...
	84							

Deviation Surveys

All Surveys

Azim...	Date	Description	EW Tie In...	Inclin...	MD Tie In (ft...)	NSTie In ...	TVD Tie In (ft...)
	12/6/2011	All Surveys					

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
5,717.00	2.37	193.21	5,433.35	-1,420.13	205.51	1,434.89	0.34
5,861.00	2.29	195.94	5,577.23	-1,425.80	204.04	1,440.30	0.09
5,906.00	2.24	197.09	5,622.19	-1,427.50	203.53	1,441.92	0.15
6,001.00	1.93	191.64	5,717.13	-1,430.84	202.66	1,445.11	0.39
6,095.00	1.71	199.19	5,811.08	-1,433.72	201.88	1,447.85	0.35
6,189.00	1.80	202.18	5,905.04	-1,436.41	200.87	1,450.38	0.14
6,285.00	1.80	211.94	6,000.99	-1,439.09	199.50	1,452.85	0.32
6,316.00	1.80	215.81	6,031.98	-1,439.89	198.96	1,453.57	0.39
6,366.00	1.80	222.05	6,081.95	-1,441.11	197.97	1,454.65	0.39



Berry Daily Drilling Report

Report Date: 12/12/2011

Report #: 10, DFS: 9.1

Depth Progress: 0

Well Name: LC TRIBAL 5-21D-56

API/UWI 43013507520000		Surface Legal Location NWNW Sec 21 T5S-R6W		Spud Date Notice 12/2/2011		APD State Utah		AFE Number C11 032046		Total AFE Amount			
Spud Date 12/3/2011 3:00:00 AM		Rig Release Date 12/13/2011 6:00:00 AM		KB-Ground Distance (ft) 14.00		Ground Elevation (ftKB) 6,662		Daily Cost 62,883		Cum Cost To Date 356,014			
Operations at Report Time Laying down BHA.				Operations Next 24 Hours Finish L/D drill string, run production casing and cement, rig down				Daily Mud Cost 1,591		Mud Additive Cost To Date 12,853			
Operations Summary Finish trip in hole, W&R to bottom, circulate, POOH for logs, run wire line logs, trip in hole, circulate, LDDP.				Remarks Fuel on hand=2688 gal, fuel used 888 gal. Ran boiler 24 hours.				Depth Start (ftKB) 6,366		Depth End (ftKB) 6,366		Depth Start (TVD) (ftKB) 6,366	
Weather Clear		Temperature (°F) 10.0		Road Condition Dry		Hole Condition Good		Target Formation CR-6		Target Depth (ftKB) 6,316			
Last Casing Set													
Casing Description Surface		Set Depth (ftKB) 404		OD (in) 8 5/8		Comment							
Time Log													
Start Time	End Time	Dur (hrs)	Operation			Comment							
06:00	07:00	1.00	Trips			Finish trip in for wiper run.							
07:00	08:00	1.00	Reaming			Wash and ream 70' to bottom (no fill)							
08:00	09:30	1.50	Condition Mud & Circulate			Condition mud and circulate poly sweep to surface.							
09:30	14:00	4.50	Trips			Trip out for logs. Winterize kelly and standpipe.							
14:00	18:30	4.50	Wire Line Logs			Held PJSM with Halliburton Loggers and run Borehole Volume, Spectral Density, Duel Spaced Neutron, Array Compensated and True Resistivity Log. (loggers depth 6370')Rig down Logging equipment.							
18:30	22:30	4.00	Trips			Trip in hole to lay down drill string. Fill pipe at 2500'.							
22:30	23:00	0.50	Reaming			Wash and ream 70' to bottom. (no fill)							
23:00	00:00	1.00	Condition Mud & Circulate			Circulate to mix and pump pill. (rig up L/D crew)							
00:00	06:00	6.00	LD Drillpipe			Held PJSM with American Boring and Casing. Winterize kelly and stand pipe. Lay down drill string.							
Mud Checks													
Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lb/100ft²)							
Dap/LSND	01:30	6,366.0	9.40	42		12,000							
Gel (10s) (lb/100f...)	Gel (10m) (lb/10...	Gel (30m) (lb/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)							
12.000	24.000		10.0	2	7.0	6.0							
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)							
		94.0	300.000	20.000									
CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)								
					409.0								
Air Data													
Parasite ACFM (ft³/min)		Drillpipe ACFM (ft³/min)		ECD Bit (lb/gal)		ECD Parasite (lb/gal)							
Corrosion Inhibitor Injected in 24hr Period													
gls Injected down Parasite (gal)			gls Injected in Mud (gal)			gls Biocide Injected in Mud (gal)							
Drill Strings													
Bit Run	Drill Bit			IADC Bit Dull			TFA (incl Noz) (in²)						
Nozzles (/32")				String Length (ft)		String Wt (1000lb)		BHA ROP (ft...					
Drill String Components													
Jts	Item Description		OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN		
Drilling Parameters													
Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)						
WOB (1000lb)	RPM (rpm)	SPP (psi)	Rot HL (1000lb)	PU HL (1000lb)	SO HL (1000lb)	Drilling Torque	Off Btm Tq						
Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtn) (g...	Q (g return) ...					



Berry Daily Drilling Report

Report Date: 12/12/2011

Report #: 10, DFS: 9.1

Depth Progress: 0

Well Name: LC TRIBAL 5-21D-56

Deviation Surveys

All Surveys

Azim...	Date	Description	EW Tie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVD Tie In (ft...
	12/6/2011	All Surveys					

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
6,366.00	1.80	222.05	6,081.95	-1,441.11	197.97	1,454.65	0.39



Berry Daily Drilling Report

Report Date: 12/13/2011

Report #: 11, DFS: 10.1

Depth Progress: 0

Well Name: LC TRIBAL 5-21D-56

API/UWI 43013507520000		Surface Legal Location NWNW Sec 21 T5S-R6W		Spud Date Notice 12/2/2011		APD State Utah		AFE Number C11 032046		Total AFE Amount							
Spud Date 12/3/2011 3:00:00 AM		Rig Release Date 12/13/2011 6:00:00 AM		KB-Ground Distance (ft) 14.00		Ground Elevation (ftKB) 6,662		Daily Cost 116,682		Cum Cost To Date 472,696							
Operations at Report Time Rig down.				Operations Next 24 Hours Mobilize rig 5 miles to LCT 14-14D-56 and rig up.				Daily Mud Cost		Mud Additive Cost To Date 12,853							
Operations Summary Finish laying down BHA, Rig up casers and run 145 joints of casing, land casing, circulate and cement casing, nipple down and clean tanks, rig down.								Depth Start (ftKB) 6,366		Depth End (ftKB) 6,366							
Remarks Fuel on hand=1854 gal, fuel used 834 gal. Ran boiler 24 hours.								Depth Start (TVD) (ftKB)		Depth End (TVD) (ftKB)							
Weather Snow		Temperature (°F) 28.0		Road Condition Wet		Hole Condition Good		Target Formation CR-6		Target Depth (ftKB) 6,316							
Last Casing Set								Daily Contacts									
Casing Description Production		Set Depth (ftKB) 6,335		OD (in) 5 1/2		Comment		Job Contact		Mobile							
Frank Doherty								970-623-7085									
Mike Hancock								435-790-9718									
Time Log								Rigs									
Start Time		End Time		Dur (hrs)		Operation		Contractor		Rig Number							
06:00		08:00		2.00		LD Drillpipe		Pioneer		5B							
08:00		14:30		6.50		Run Casing & Cement		Mud Pumps									
Held PJSM with American Boring and Casing crews. Rig up and run 145 joints of 5 1/2", 15.50 J-55, production casing to a depth of 6335. (no marker joint in string, we had 3 marker joints on location all 3 were damaged.)								# 1, Gardner-Denver, PZ-8									
14:30		16:00		1.50		Condition Mud & Circulate		Pump Rating (hp) 750.0		Rod Diameter (in) 7.99							
Land casing with 5 1/2" mandrel casing hanger and circulate through 2-2" hoses connected to well head. Rig up cements.								Liner Size (in) 6 1/2		Vol/Stk OR (bbl/stk) 0.078							
16:00		18:30		2.50		Run Casing & Cement		Pressure (psi) No		Slow Spd No							
Held PJSM with ProPetro Cements. Rig up and pressure test lines to 2000 psi. Pump 20 bbls mud flush. 20 bbls water spacer. Lead 11.0# 3.82 yield 200 sks (136 bbls) 16% gel, 10#sk Gilsonite, 3#sk GR-3, 3% salt, 1/4#sk Flocele, Tail 13.1# 1.70 yield 330 sks (99 bbls) 65% G Cement, 35% Poz, 6% Gel, 10#sk Gilsonite, 2% CDI-33, 2% CFL175, 10% salt, 1/4sk Flocele. Displaced with 149 bbls of 2% KCL. Displaced with full returns. FCP=1250 psi bumped plug at 1750 psi. Floats held. No cement or mud flush to surface. Rig down cementing equipment.								Stroke Length (in) 7.99		Liner Size (in) 6 1/2		Vol/Stk OR (bbl/stk) 0.078		Pressure (psi) No		Slow Spd No	
Nipple down BOP and lay down landing joint. Clean mud pits and transfer fluid to frac tanks.								Mud Additive Amounts									
22:30		06:00		7.50		Rig Up & Tear Down		Description		Consumed							
Rig down and prepare rig to mobilize.								Daily Cost									
Mud Checks								Job Supplies									
Type		Time		Depth (ftKB)		Density (lb/gal)		Vis (s/qt)		PV Calc (cp)							
Yield Point (lb/100ft²)																	
Gel (10s) (lb/100f...)		Gel (10m) (lb/10...)		Gel (30m) (lb/10...)		Filtrate (mL/30min)		Filter Cake (/32")		pH							
Solids (%)																	
MBT (lb/bbl)		Percent Oil (%)		Percent Water (%)		Chlorides (mg/L)		Calcium (mg/L)		KCL (%)							
Electric Stab (V)																	
CEC for Cuttings		Whole Mud Add (bbl)		Mud Lost to Hole (bbl)		Mud Lost (Surf) (bbl)		Mud Vol (Res) (bbl)		Mud Vol (Act) (bbl)							
Air Data								Diesel Fuel, gal us									
Parasite ACFM (ft³/min)		Drillpipe ACFM (ft³/min)		ECD Bit (lb/gal)		ECD Parasite (lb/gal)		Supply Item Description		Unit Label							
Corrosion Inhibitor Injected in 24hr Period								Diesel Fuel		gal us							
gls Injected down Parasite (gal)				gls Injected in Mud (gal)				Total Received		Total Consumed							
								12,661.0		10,807.0							
								Total Returned									
Drill Strings								Diesel Fuel Consumption									
Bit Run		Drill Bit		IADC Bit Dull		TFA (incl Noz) (in²)		Date		Consumed							
Nozzles (/32")								12/3/2011		698.0							
								12/4/2011		907.0							
								12/5/2011		948.0							
								12/6/2011		741.0							
								12/7/2011		1,155.0							
								12/8/2011		1,020.0							
								12/9/2011		1,298.0							
								12/10/2011		1,206.0							
								12/11/2011		1,112.0							
								12/12/2011		888.0							
								12/13/2011		834.0							



Berry Daily Drilling Report

Report Date: 12/13/2011

Report #: 11, DFS: 10.1

Depth Progress: 0

Well Name: LC TRIBAL 5-21D-56

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)	
WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq	
Q (g inj) (ft³/...)	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...)	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtn) (g...)	Q (g return) ...

Deviation Surveys

All Surveys

Azim...	Date	Description	EW Tie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVD Tie In (ft...
	12/6/2011	All Surveys					

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
6,366.00	1.80	222.05	6,081.95	-1,441.11	197.97	1,454.65	0.39

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 2OG-000-5500
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: BERRY PETROLEUM COMPANY		8. WELL NAME and NUMBER: LC TRIBAL 5-21D-56
3. ADDRESS OF OPERATOR: 4000 South 4028 West Rt 2 Box 7735 , Roosevelt, UT, 84066		9. API NUMBER: 43013507520000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0382 FNL 0479 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 21 Township: 05.0S Range: 06.0W Meridian: U		9. FIELD and POOL or WILDCAT: LAKE CANYON
		COUNTY: DUCHESNE
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 1/7/2012	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PLEASE SEE THE ATTACHED COMPLETION HISTORY FOR THE LC TRIBAL
5-21D-56.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
January 11, 2012**

NAME (PLEASE PRINT) Brooke Broadhead	PHONE NUMBER 435 722-1325	TITLE Regulatory Assistant
SIGNATURE N/A	DATE 1/11/2012	



Berry Daily Completion and Workover

Report # 1, Report Date: 12/29/2011

Well Name: LC TRIBAL 5-21D-56

API/UWI 43013507520000	Surface Legal Location NWNW Sec 21 T5S-R6W	Spud Date 12/3/2011 3:00:00 AM	Field Name Lake Canyon	APD State Utah
Well Configuration Type	Original KB Elevation (ftKB) 6,676	KB-Ground Distance (ft) 14.00	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB) 6,662

Primary Job Type Initial Completion		Secondary Job Type		
Objective				
Contractor Stevenson Well Service			Rig Number 1	
AFE Number C11 032046		Total AFE Amount	Daily Cost	Cum Cost To Date
Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)
Job Contact			Title	Mobile

Time Log					
Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	10:00	10.00	PFRT	Perforating	PREP PAD. SPOT IN 17 FRAC TANKS, FILL, & HEAT. INSTALL PRODUCTION EQUIPMENT. SPOT IN BAKER/B J FRAC EQUIPMENT & ALSO PIONEER WIRELINE. PIONEER R/U AND RUN CBL. TOC @ 90'. PERFORATE STG #1 IN THE LOWER WASATCH FROM 5,906'-6,140' @ 2 SPF, 120 DEGREE PHASING, 19 GRAM CHARGE, & EHD OF .36". 36 TOTAL HOLES.
10:00	10:00		FRAC	Frac. Job	BAKER/B.J. TEST LINES AND FRAC STG #1 WELL OPEN @ 148 PSI BROKE DOWN 3.7 BPM @ 3,077 MAX R @ 41.5 BPM MAX PSI @ 5,005 AVG RATE @ 41.1 BPM AVG PSI @ 1,810 TOTAL FLUID OF 1,341 BBL ISIP OF 947 INITIAL FRAC GRADIENT OF .59 ISDP 1,217 FINAL FRAC GRADIENT .64 5 MINUTES 1,152. 10 MINUTES 1,129. 15 MINUTES 1,116 67,032 LBS OF 20/40 WHITE SAND
10:00	10:00		GOP	General Operations	PIONEER HAD ELECTRICAL SHORT. UNABLE TO CONTINUE. R/D A COUPLE OF FRAC TRUCKS AND TOW TRUCK PICKED UP WIRE LINE TRUCK AND TOOK TO YARD. PIONEER BRINGING OUT DIFFERENT TRUCK. SHUT DOWN FOR DAY AND LEAVE WELL S.I.

Report Fluids Summary				
Fluid	To well (bbl)	From well (bbl)	To lease (bbl)	From lease (bbl)

Daily Costs				
Code 1	Code 2	Code 3	Cost	Cost Description
				Vendor
				Carry Fwd?
				No

Safety Checks			
Time	Description	Type	Comment

Logs				
Date	Type	Top (ftKB)	Btm (ftKB)	Cased?
				No

Perforations				
Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status

Date	Zone	Type	Stim/Treat Company

Stg No.	Stage Type	Top (ftKB)	Btm (ftKB)	V (pumped) (bbl)

Other In Hole				
Description	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)



Berry Daily Completion and Workover

Report # 1, Report Date: 12/29/2011

Well Name: LC TRIBAL 5-21D-56

API/UWI 43013507520000	Surface Legal Location NWNW Sec 21 T5S-R6W	Spud Date 12/3/2011 3:00:00 AM	Field Name Lake Canyon	APD State Utah
Well Configuration Type	Original KB Elevation (ftKB) 6,676	KB-Ground Distance (ft) 14.00	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB) 6,662

Cement		
Description	Start Date	Cement Comp



Berry Daily Completion and Workover

Report # 2, Report Date: 12/30/2011

Well Name: LC TRIBAL 5-21D-56

API/UWI 43013507520000	Surface Legal Location NWNW Sec 21 T5S-R6W	Spud Date 12/3/2011 3:00:00 AM	Field Name Lake Canyon	APD State Utah
Well Configuration Type	Original KB Elevation (ftKB) 6,676	KB-Ground Distance (ft) 14.00	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB) 6,662

Primary Job Type Initial Completion		Secondary Job Type		
Objective				
Contractor Stevenson Well Service			Rig Number 1	
AFE Number C11 032046	Total AFE Amount	Daily Cost	Cum Cost To Date	
Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)
Job Contact			Title	Mobile

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	12:00	12.00	GOP	General Operations	SPOT IN NEW WIRELINE TRUCK.
12:00	12:00		PFRT	Perforating	PIONEER RIH & SET CBP @ 5,898'. PERFORATE STG #2 IN THE WASATCH FROM 5,656'-5,870' @ 2 SPF, 120 DEGREE PHASING, 19 GRAM CHARGE, & EHD OF .36". 36 TOTAL HOLES.
12:00	12:00		FRAC	Frac. Job	BAKER/B.J. TEST LINES AND FRAC STG #2. WELL OPEN @ 241 PSI BROKE DOWN 1,855 PSI MAX R @ 43.8 BPM MAX PSI @ 4,100 AVG RATE @ 43.2 BPM AVG PSI @ 2,020 TOTAL FLUID OF 1,507 BBL ISIP 1,167 INITIAL FRAC GRADIENT .64 ISDP 1,148 FINAL FRAC GRADIENT .63 5 MINUTES 1,091. 10 MINUTES 1,074. 15 MINUTES 1,050 78,024 LBS OF 20/40 WHITE SAND
12:00	12:00		PFRT	Perforating	PIONEER RIH & SET CBP @ 5,646'. PERFORATE STG #3 IN THE WASATCH FROM 5,422'-5,620' @ 2 SPF, 120 DEGREE PHASING, 19 GRAM CHARGE, & EHD OF .36". 24 TOTAL HOLES.
12:00	12:00		FRAC	Frac. Job	BAKER/B.J. TEST LINES AND FRAC STG #3. WELL OPEN @ 276 PSI BROKE DOWN 1,496 MAX R @ 42.7 BPM MAX PSI @ 4,063 AVG RATE @ 42.5 BPM AVG PSI @ 2,522 TOTAL FLUID OF 1,354 BBL ISIP 1,205 INITIAL FRAC GRADIENT .65 ISDP 1,280 FINAL FRAC GRADIENT .67 5 MINUTES 1,193. 10 MINUTES 1,165. 15 MINUTES 1,165 68,219 LBS OF 20/40 WHITE SAND
12:00	12:00		PFRT	Perforating	PIONEER RIH & SET CBP @ 5,646'. PERFORATE STG #4 IN THE UPPER WASATCH FROM 5,124'-5,360' @ 2 SPF, 120 DEGREE PHASING, 19 GRAM CHARGE, & EHD OF .36". 42 TOTAL HOLES.



Berry Daily Completion and Workover

Report # 2, Report Date: 12/30/2011

Well Name: LC TRIBAL 5-21D-56

API/UWI 43013507520000	Surface Legal Location NWNW Sec 21 T5S-R6W	Spud Date 12/3/2011 3:00:00 AM	Field Name Lake Canyon	APD State Utah
Well Configuration Type	Original KB Elevation (ftKB) 6,676	KB-Ground Distance (ft) 14.00	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB) 6,662

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
12:00	12:00		FRAC	Frac. Job	BAKER/B.J. TEST LINES AND FRAC STG #4. WELL OPEN @ 444 PSI BROKE DOWN 1,261 MAX R @ 45.8 BPM MAX PSI @ 3,706 AVG RATE @ 45.5 BPM AVG PSI @ 1,752 TOTAL FLUID OF 1,742 BBL ISIP 1,000 INITIAL FRAC GRADIENT .62 ISDP 1,110 FINAL FRAC GRADIENT .65 5 MINUTES 1,058. 10 MINUTES 1,081. 15 MINUTES 1,033 98,475 LBS OF 20/40 WHITE SAND
12:00	12:00		PFRT	Perforating	PIONEER RIH & SET CBP @ 5,100'. PERFORATE STG #5 IN THE UTTELAND BUTTE FROM 4,814'-5,010' @ 2 SPF, 120 DEGREE PHASING, 19 GRAM CHARGE, & EHD OF .36". 56 TOTAL HOLES.
12:00	12:00		GOP	General Operations	LEAVE WELL S.I.

Report Fluids Summary

Fluid	To well (bbl)	From well (bbl)	To lease (bbl)	From lease (bbl)

Daily Costs

Code 1	Code 2	Code 3	Cost	Cost Description	Vendor	Carry Fwd?
						No

Safety Checks

Time	Description	Type	Comment

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?
				No

Perforations

Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status

Date	Zone	Type	Stim/Treat Company

Stg No.	Stage Type	Top (ftKB)	Btm (ftKB)	V (pumped) (bbl)

Other In Hole

Description	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)

Cement

Description	Start Date	Cement Comp



Berry Daily Completion and Workover

Report # 3, Report Date: 12/31/2011

Well Name: LC TRIBAL 5-21D-56

API/UWI 43013507520000	Surface Legal Location NWNW Sec 21 T5S-R6W	Spud Date 12/3/2011 3:00:00 AM	Field Name Lake Canyon	APD State Utah
Well Configuration Type	Original KB Elevation (ftKB) 6,676	KB-Ground Distance (ft) 14.00	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB) 6,662

Primary Job Type Initial Completion		Secondary Job Type		
Objective				
Contractor Stevenson Well Service			Rig Number 1	
AFE Number C11 032046		Total AFE Amount	Daily Cost 356,100	Cum Cost To Date 356,100
Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)
Job Contact			Title	Mobile

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	12:00	12.00	FRAC	Frac. Job	BAKER/B.J. TEST LINES AND FRAC STG #5, WELL OPEN @ 486 PSI BROKE DOWN 1,098 MAX R @ 45.9 BPM MAX PSI @ 3,263 AVG RATE @ 45.6 BPM AVG PSI @ 1,878 TOTAL FLUID OF 1,175 BBL ISIP 918 INITIAL FRAC GRADIENT .62 ISDP 1,320 FINAL FRAC GRADIENT .70 5 MINUTES 1,100. 10 MINUTES 997. 15 MINUTES 944 59,013 LBS OF 20/40 WHITE SAND
12:00	12:00		PFRT	Perforating	PIONEER RIH & SET CBP @ 4,765. PERFORATE STG #6 IN THE LOWER CASTLE PEAK FROM 4,490'-4,744' @ 2 SPF, 120 DEGREE PHASING, 19 GRAM CHARGE, & EHD OF .36". 64 TOTAL HOLES.
12:00	12:00		FRAC	Frac. Job	BAKER/B.J. TEST LINES AND FRAC STG #6. WELL OPEN @ 479 PSI BROKE DOWN 540 MAX R @ 45.7 BPM MAX PSI @ 1,602 AVG RATE @ 45.4 BPM AVG PSI @ 1,331 TOTAL FLUID OF 1,687 BBL ISDP 860 FINAL FRAC GRADIENT .62 5 MINUTES 757. 10 MINUTES 706. 15 MINUTES 662 105,839 LBS OF 20/40 WHITE SAND
12:00	12:00		PFRT	Perforating	PIONEER RIH & SET CBP @ 4,470. PERFORATE STG #7 IN THE GREEN RIVER FROM 4,149'-4,373' @ 2 SPF, 120 DEGREE PHASING, 19 GRAM CHARGE, & EHD OF .36". 40 TOTAL HOLES.
12:00	12:00		FRAC	Frac. Job	BAKER/B.J. TEST LINES AND FRAC STG #7. WELL OPEN @ 117 PSI BROKE DOWN 1,266 MAX R @ 45.7 BPM MAX PSI @ 1,625 AVG RATE @ 45.5 BPM AVG PSI @ 1,350 TOTAL FLUID OF 782 BBL ISDP 940 FINAL FRAC GRADIENT .65 5 MINUTES 824. 10 MINUTES 786. 15 MINUTES 761 43,276 LBS OF 20/40 WHITE SAND



Berry Daily Completion and Workover

Report # 3, Report Date: 12/31/2011

Well Name: LC TRIBAL 5-21D-56

API/UWI 43013507520000	Surface Legal Location NWNW Sec 21 T5S-R6W	Spud Date 12/3/2011 3:00:00 AM	Field Name Lake Canyon	APD State Utah
Well Configuration Type	Original KB Elevation (ftKB) 6,676	KB-Ground Distance (ft) 14.00	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB) 6,662

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
12:00	12:00		PFRT	Perforating	PIONEER RIH & SET CBP @ 3,650. PERFORATE STG #8 IN THE GREEN RIVER FROM 3309 - 3598 @ 2 SPF, 120 DEGREE PHASING, 19 GRAM CHARGE, & EHD OF .36". 28 TOTAL HOLES.
12:00	12:00		FRAC	Frac. Job	BAKER/B.J. TEST LINES AND FRAC STG #8. WELL OPEN @ 90 PSI BROKE DOWN 789 MAX R @ 46.0 BPM MAX PSI @ 1,285 AVG RATE @ 45.7 BPM AVG PSI @ 1,106 TOTAL FLUID OF 939 BBL ISDP 622 FINAL FRAC GRADIENT .61 5 MINUTES 379. 10 MINUTES 326. 15 MINUTES 279. 63,215 LBS OF 20/40 WHITE SAND
12:00	12:00		PFRT	Perforating	PIONEER RIH & SET KILL BRIDGE PLUG @ 3,200. BAKER/B.J. AND PIONEER R/D. TOTAL FLUID PUMPED 10,527 BBLs. TOP OF CEMENT 90'

Report Fluids Summary

Fluid	To well (bbl)	From well (bbl)	To lease (bbl)	From lease (bbl)

Daily Costs

Code 1	Code 2	Code 3	Cost	Cost Description	Vendor	Carry Fwd?
152	2125	ICC	1,100	ICC-CONTRACTSUPERVISION	BBC	Yes
152	2345	ICC	13,650	ICC-PERFORATING	PIONEER 109390	Yes
152	2345	ICC	16,950	ICC-PERFORATING	PIONEER 109,391	Yes
152	2360	ICC	324,400	ICC-STIMULATION/ACIDIZING	BAKER/B.J.	Yes

Safety Checks

Time	Description	Type	Comment

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?
				No

Perforations

Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status

Date	Zone	Type	Stim/Treat Company

Stg No.	Stage Type	Top (ftKB)	Btm (ftKB)	V (pumped) (bbl)

Other In Hole

Description	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)

Cement

Description	Start Date	Cement Comp



Berry Daily Completion and Workover

Report # 4, Report Date: 1/3/2012

Well Name: LC TRIBAL 5-21D-56

API/UWI 43013507520000	Surface Legal Location NWNW Sec 21 T5S-R6W	Spud Date 12/3/2011 3:00:00 AM	Field Name Lake Canyon	APD State Utah
Well Configuration Type	Original KB Elevation (ftKB) 6,676	KB-Ground Distance (ft) 14.00	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB) 6,662

Primary Job Type Initial Completion	Secondary Job Type
Objective	

Contractor Stevenson Well Service			Rig Number 1		
AFE Number C11 032046		Total AFE Amount		Daily Cost 5,081	
				Cum Cost To Date 361,181	
Weather		T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)
Job Contact			Title		Mobile

Time Log					
Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	00:00				Hold safety meeting. MIRU Stevenson #1. SICIP @ 0 psi. ND frac valve. NU BOP. RIH w/ 4 3/4" bit, bit sub & new 2 7/8" tbg. from trailer (tallying & drifting). Tag kill plug @ 3200'. RU pump & lines. SWIFN.

Report Fluids Summary				
Fluid	To well (bbl)	From well (bbl)	To lease (bbl)	From lease (bbl)

Daily Costs						
Code 1	Code 2	Code 3	Cost	Cost Description	Vendor	Carry Fwd?
152	2305	ICC	4,831	ICC-RIGCOST-COMPLETION		Yes
152	2380	ICC	250	ICC-SURFACE RENTALS		Yes

Safety Checks			
Time	Description	Type	Comment

Logs				
Date	Type	Top (ftKB)	Btm (ftKB)	Cased?
				No

Perforations				
Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status

Date	Zone	Type	Stim/Treat Company

Stg No.	Stage Type	Top (ftKB)	Btm (ftKB)	V (pumped) (bbl)

Other In Hole				
Description	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)

Cement		
Description	Start Date	Cement Comp



Berry Daily Completion and Workover

Report # 5, Report Date: 1/4/2012

Well Name: LC TRIBAL 5-21D-56

API/UWI 43013507520000	Surface Legal Location NWNW Sec 21 T5S-R6W	Spud Date 12/3/2011 3:00:00 AM	Field Name Lake Canyon	APD State Utah
Well Configuration Type	Original KB Elevation (ftKB) 6,676	KB-Ground Distance (ft) 14.00	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB) 6,662

Primary Job Type Initial Completion		Secondary Job Type		
Objective				
Contractor Stevenson Well Service			Rig Number 1	
AFE Number C11 032046	Total AFE Amount	Daily Cost 6,369	Cum Cost To Date 367,550	
Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)
Job Contact		Title		Mobile

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	00:00				Hold safety meeting. SICP @ 0 psi, SITP @ 0 psi. RIH w/ tbg. Tag kill plug @ 3200'. RU powerswivel. DU plug in 11 min. Cont. RIH w/ tbg. Tag fill @ 3617'. C/O to plug @ 3650'. DU plug in 9 min. Cont. RIH w/ tbg. Tag fill @ 4423'. C/O to plug @ 4470'. DU plug in 12 min. Cont. RIH w/ tbg. Tag fill @ 4745'. C/O to plug @ 4765'. DU plug in 7 min. Cont. RIH w/ tbg. Tag plug @ 5100'. DU plug in 12 min. Cont. RIH w/ tbg. to 5120'. Circulate well clean. SWIFN.

Report Fluids Summary				
Fluid	To well (bbl)	From well (bbl)	To lease (bbl)	From lease (bbl)

Daily Costs						
Code 1	Code 2	Code 3	Cost	Cost Description	Vendor	Carry Fwd?
152	2305	ICC	5,519	ICC-RIGCOST-COMPLETION		Yes
152	2380	ICC	850	ICC-SURFACE RENTALS		Yes

Safety Checks			
Time	Description	Type	Comment

Logs				
Date	Type	Top (ftKB)	Btm (ftKB)	Cased?
				No

Perforations				
Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status

Date	Zone	Type	Stim/Treat Company

Stg No.	Stage Type	Top (ftKB)	Btm (ftKB)	V (pumped) (bbl)

Other In Hole				
Description	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)

Cement		
Description	Start Date	Cement Comp



Berry Daily Completion and Workover

Report # 6, Report Date: 1/5/2012

Well Name: LC TRIBAL 5-21D-56

API/UWI 43013507520000	Surface Legal Location NWNW Sec 21 T5S-R6W	Spud Date 12/3/2011 3:00:00 AM	Field Name Lake Canyon	APD State Utah
Well Configuration Type	Original KB Elevation (ftKB) 6,676	KB-Ground Distance (ft) 14.00	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB) 6,662

Primary Job Type Initial Completion	Secondary Job Type
Objective	

Contractor Stevenson Well Service	Rig Number 1
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AFE Number C11 032046	Total AFE Amount	Daily Cost 6,604	Cum Cost To Date 374,154
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Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hrs)
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Job Contact	Title	Mobile
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Time Log					
Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	00:00				Hold safety meeting. SICP @ 50 psi, SITP @ 50 psi. Bleed off well. Cont. RIH w/ tbg. Tag fill @ 5360'. C/O to plug @ 5400'. DU plug in 14 min. Cont. RIH w/ tbg. Tag fill @ 5596'. C/O to plug @ 5646'. DU plug in 8 min. Cont. RIH w/ tbg. Tag plug @ 5811' (plug moved up hole from 5898'). DU plug in 12 min. Cont. RIH w/ tbg. Tag fill @ 6235'. C/O to PBTD @ 6288'. Circulate well clean. Well giving up large quantity of sand. Pull up to 6200'. SWIFN.

Report Fluids Summary				
Fluid	To well (bbl)	From well (bbl)	To lease (bbl)	From lease (bbl)

Daily Costs						
Code 1	Code 2	Code 3	Cost	Cost Description	Vendor	Carry Fwd?
152	2305	ICC	5,704	ICC-RIGCOST-COMPLETION		Yes
152	2380	ICC	900	ICC-SURFACE RENTALS		Yes

Safety Checks			
Time	Description	Type	Comment

Logs				
Date	Type	Top (ftKB)	Btm (ftKB)	Cased?
				No

Perforations				
Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status

Date	Zone	Type	Stim/Treat Company
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Stg No.	Stage Type	Top (ftKB)	Btm (ftKB)	V (pumped) (bbl)
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Other In Hole				
Description	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)

Cement		
Description	Start Date	Cement Comp

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Berry Daily Completion and Workover

Report # 7, Report Date: 1/6/2012

Well Name: LC TRIBAL 5-21D-56

API/UWI 43013507520000	Surface Legal Location NWNW Sec 21 T5S-R6W	Spud Date 12/3/2011 3:00:00 AM	Field Name Lake Canyon	APD State Utah
Well Configuration Type	Original KB Elevation (ftKB) 6,676	KB-Ground Distance (ft) 14.00	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB) 6,662

Primary Job Type Initial Completion		Secondary Job Type		
Objective				
Contractor Stevenson Well Service			Rig Number 1	
AFE Number C11 032046		Total AFE Amount		Cum Cost To Date 378,909
Weather		T (°F)	Road Condition	Rig Time (hrs)
Job Contact			Title	Mobile
Daily Cost 4,755		Tubing Pressure (psi)		
Casing Pressure (psi)		Rig Time (hrs)		

Time Log					
Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	00:00				Hold safety meeting. SICP @ 250 psi. RIH w/ tbg. Tag PBTD @ 6288'. No new fill. RU pump. Attempt to kill well w/ no success. POOH w/ tbg. to 4996'. Pump 100 bbls 10# brine. SWIFN.

Report Fluids Summary				
Fluid	To well (bbl)	From well (bbl)	To lease (bbl)	From lease (bbl)

Daily Costs						
Code 1	Code 2	Code 3	Cost	Cost Description	Vendor	Carry Fwd?
152	2305	ICC	4,505	ICC-RIGCOST-COMPLETION		Yes
152	2380	ICC	250	ICC-SURFACE RENTALS		Yes

Safety Checks			
Time	Description	Type	Comment

Logs				
Date	Type	Top (ftKB)	Btm (ftKB)	Cased?
				No

Perforations				
Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status

Date	Zone	Type	Stim/Treat Company

Stg No.	Stage Type	Top (ftKB)	Btm (ftKB)	V (pumped) (bbl)

Other In Hole				
Description	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)

Cement		
Description	Start Date	Cement Comp



Berry Daily Completion and Workover

Report # 8, Report Date: 1/7/2012

Well Name: LC TRIBAL 5-21D-56

API/UWI 43013507520000	Surface Legal Location NWNW Sec 21 T5S-R6W	Spud Date 12/3/2011 3:00:00 AM	Field Name Lake Canyon	APD State Utah
Well Configuration Type	Original KB Elevation (ftKB) 6,676	KB-Ground Distance (ft) 14.00	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB) 6,662

Primary Job Type Initial Completion		Secondary Job Type		
Objective				
Contractor Stevenson Well Service			Rig Number 1	
AFE Number C11 032046		Total AFE Amount		Cum Cost To Date 381,522
Weather		T (°F)	Road Condition	Rig Time (hrs)
Job Contact		Title		Mobile
Daily Cost 2,613		Tubing Pressure (psi)		
Casing Pressure (psi)		Rig Time (hrs)		

Time Log					
Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	00:00				Hold safety meeting. SICP @ 175 psi. Attempt to bleed off csg. Well flowing 1.3 bpm @ 55 psi. Land tbg. on hanger w/ EOT @ 6179'. ND BOP. RD. Turn well over to flowback hands to flow well over weekend.

Report Fluids Summary				
Fluid	To well (bbl)	From well (bbl)	To lease (bbl)	From lease (bbl)

Daily Costs						
Code 1	Code 2	Code 3	Cost	Cost Description	Vendor	Carry Fwd?
152	2305	ICC	2,363	ICC-RIGCOST-COMPLETION		Yes
152	2380	ICC	250	ICC-SURFACE RENTALS		Yes

Safety Checks			
Time	Description	Type	Comment

Logs				
Date	Type	Top (ftKB)	Btm (ftKB)	Cased?
				No

Perforations				
Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status

Date	Zone	Type	Stim/Treat Company

Stg No.	Stage Type	Top (ftKB)	Btm (ftKB)	V (pumped) (bbl)

Other In Hole				
Description	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)

Cement		
Description	Start Date	Cement Comp

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: 2OG-000-5500
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: LC TRIBAL 5-21D-56
2. NAME OF OPERATOR: BERRY PETROLEUM COMPANY	9. API NUMBER: 43013507520000
3. ADDRESS OF OPERATOR: 4000 South 4028 West Rt 2 Box 7735 , Roosevelt, UT, 84066	PHONE NUMBER: 303 999-4044 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0382 FNL 0479 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 21 Township: 05.0S Range: 06.0W Meridian: U	9. FIELD and POOL or WILDCAT: LAKE CANYON COUNTY: DUCHESNE STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 1/9/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input checked="" type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

IN ACCORDANCE WITH UTAH DIVISION OF OIL, GAS, AND MINING RULE R649-3-22 COMPLETION INTO TWO OR MORE POOLS, BERRY PETROLEUM IS SUBMITTING THIS SUNDRY FOR COMINGLING THE WASATCH AND GREEN RIVER FORMATIONS AS ALLOWED UNDER UTE TRIBAL EDA #5500.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining**

Date: February 16, 2012

By: *Derek Quist*

NAME (PLEASE PRINT) Kathy K. Fieldsted	PHONE NUMBER 435 722-1325	TITLE Sr. Regulatory & Permitting Tech.
SIGNATURE N/A	DATE 1/20/2012	

AFFIDAVIT OF NOTICE

I, **Joe W. Judd**, the affiant herein, being of lawful age and duly sworn upon his oath deposes and states to the best of my knowledge as follows:

Joe W. Judd is a landman for **Berry Petroleum Company**, a Delaware Corporation, with headquarters located at 1999 Broadway, Suite 3700, Denver, Colorado 80202, and is duly authorized to make this affidavit on behalf of said corporation. This Affidavit is made in accordance with Utah's Oil, Gas and Mining regulation R649-3-22.

Berry Petroleum Company has submitted sundry notices to commingle production from the Wasatch and Green River formations in the following wells:

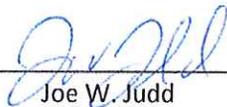
LC Tribal 5-21D-56

Per the terms of the Ute Tribal Lake Canyon Exploration and Development Agreement BIA Lease # 14-20-H62-5500, Berry Petroleum Company is the owner of contiguous oil and gas leases or drilling units or has the right to the minerals overlying the pool for the aforementioned wells. Notice of intent to commingle production is hereby waived.

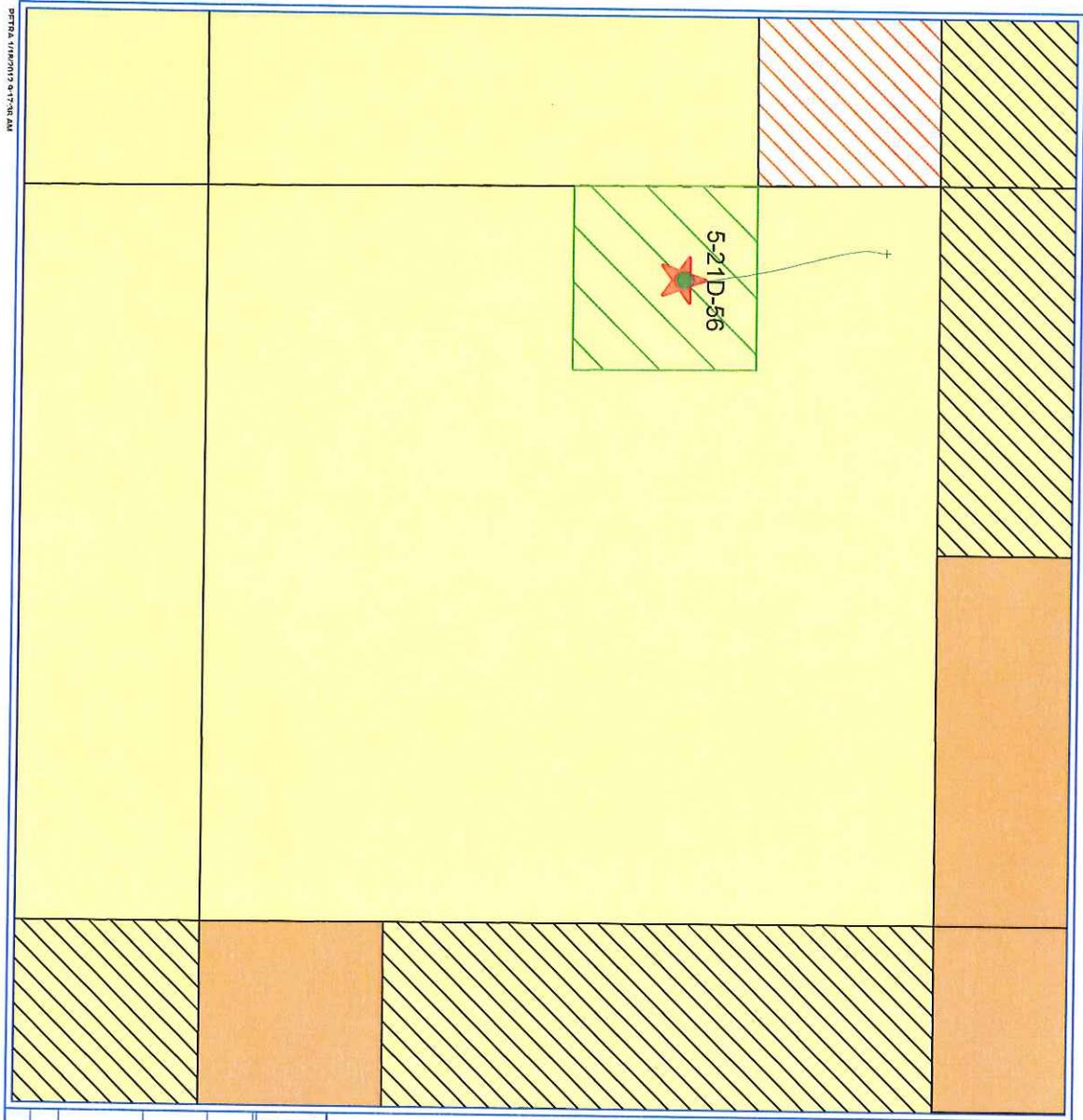
This instrument is executed this 18th day of January, 2012.

Berry Petroleum Company

By: _____



Joe W. Judd
Landman



PETROL VIEWING'S 8:17:04 AM

	Well of Interest
	Berry Ute Tribal Leases
	Berry FEE Leases
	Drilling Units to Commingle

 **BERRY PETROLEUM COMPANY**

Commingle Plat

Wells LC Tribal 5-21D-56

Duchesne Co, UT

By: coc

January 18, 2012

0 1,000 2,000
FEET

ENTITY ACTION FORM

Operator: Berry Petroleum Company Operator Account Number: N 2480
Address: Route 2 Box 7735
city Roosevelt
state UT zip 84066 Phone Number: (435) 722-1325

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301350752	LC TRIBAL 5-21D-56		NWNW	21	5S	6W	DUCHESNE
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
E	18286	18286	11/7/2011		3/21/2012		
Comments: WELL COMPLETED TO THE WASATCH GR-WS BHL: SWNW							CONFIDENTIAL

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301350927	LC TRIBAL 5H-4-56		SENE	4	5S	6W	DUCHESNE
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	18463	2/23/2012		3/21/2012		
Comments: SPUD BY LEON ROSS DRILLING GRRV BHL SWNW							CONFIDENTIAL

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301350966	LC TRIBAL 11-3D-56		NESW	3	5S	6W	DUCHESNE
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	18464	2/28/2012		3/21/2012		
Comments: SPUD BY LEON ROSS DRILLING GRRV BHL: NESW							CONFIDENTIAL

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

KATHY K. FIELDSTED

Name (Please Print)

Signature

SR REG & PERMITTING

3/21/2012

Title

Date

RECEIVED

MAR 21 2012

Div. of Oil, Gas & Mining

API	Well Name	Lease
43-013-32710	#1 DLB 12-15-56	Fee
43-013-33447	1-15-56 DLB	Fee
43-013-33378	14-11-56 DLB	Fee
43-013-30842	B C UTE TRIBAL 14-15	14-20-H62-3412
43-013-30841	B C UTE TRIBAL 16-16	14-20-H62-3413
43-013-30829	B C UTE TRIBAL 8-21	14-20-H62-3414
43-013-30755	BC UTE TRIBAL 4-22	14-20-H62-3415
43-013-33216	BERRY TRIBAL 1-23-54	14-20-H62-4943
43-013-33867	BERRY TRIBAL 2-34D-54	14-20-H62-4955
43-013-33384	BERRY TRIBAL 4-34-54	14-20-H62-4955
43-013-33381	BERRY TRIBAL 7-23-54	14-20-H62-4943
43-013-33383	BERRY TRIBAL 7-34-54	14-20-H62-4955
43-013-33417	BERRY TRIBAL 8-23D-54	14-20-H62-4943
43-013-33465	BERRY TRIBAL 9-23-54	14-20-H62-4943
43-013-33382	BERRY TRIBAL 9-34-54	14-20-H62-4955
43-013-33724	BERRY TRIBAL 10-23D-54	14-20-H62-4943
43-013-33422	BERRY TRIBAL 10-34D-54	14-20-H62-4955
43-013-33725	BERRY TRIBAL 11-23D-54	14-20-H62-4943
43-013-33529	BERRY TRIBAL 11-34D-54	14-20-H62-4955
43-013-50527	BERRY TRIBAL 12-34D-54	14-20-H62-4955
43-013-34043	BERRY TRIBAL 13-23-54	14-20-H62-4943
43-013-33989	BERRY TRIBAL 14-23D-54	14-20-H62-4943
43-013-33217	BERRY TRIBAL 15-23-54	14-20-H62-4943
43-013-33411	BERRY TRIBAL 15-34-54	14-20-H62-4955
43-013-33464	BERRY TRIBAL 16-34D-54	14-20-H62-4955
43-013-50524	FEDERAL 1-1D-64	UTU-77321
43-013-51142	FEDERAL 1-1D-65	UTU-77326
43-013-51232	FEDERAL 1-11-65	UTU-77330
43-013-50326	FEDERAL 10-1D-65	UTU-77326
43-013-33542	FEDERAL 10-2-65	UTU-77326
43-013-33386	FEDERAL 10-3-65	UTU-77326
43-013-50735	FEDERAL 10-6D-64	UTU-77322
43-013-33451	FEDERAL 11-10-65	UTU-77330
43-013-50327	FEDERAL 11-1D-65	UTU-77326
43-013-50763	FEDERAL 11-2D-65	UTU-77326
43-013-50565	FEDERAL 11-4D-64	UTU-77314
43-013-50348	FEDERAL 11-5D-64	UTU-8894A
43-013-34284	FEDERAL 11-6D-64	UTU-77322
43-013-50328	FEDERAL 12-1D-65	UTU-77326
43-013-50737	FEDERAL 12-3D-64	UTU-77321
43-013-50349	FEDERAL 12-5D-64	UTU-8894A
43-013-50261	FEDERAL 12-6D-64	UTU-77322
43-013-50730	FEDERAL 1-2D-64	UTU-77321
43-013-33966	FEDERAL 1-2D-65	UTU-77326
43-013-50329	FEDERAL 13-1D-65	UTU-77326
43-013-50337	FEDERAL 13-5D-64	UTU-8894A
43-013-50347	FEDERAL 13-6D-64	UTU77322
43-013-50330	FEDERAL 14-1D-65	UTU-77326

43-013-50338	FEDERAL 14-5D-64	UTU-8894A
43-013-34285	FEDERAL 14-6D-64	UTU-77322
43-013-51175	FEDERAL 15-1D-65	UTU-77326
43-013-50764	FEDERAL 15-2D-65	UTU-77326
43-013-50553	FEDERAL 15-5D-65	UTU-77327
43-013-51176	FEDERAL 16-1D-65	UTU-77326
43-013-33490	FEDERAL 16-5-65	UTU-77327
43-013-50266	FEDERAL 1-6-64	UTU-77322
43-013-51233	FEDERAL 2-11D-65	UTU-77326
43-013-50759	FEDERAL 2-1D-65	UTU-77326
43-013-33385	FEDERAL 2-2-65	UTU-77326
43-013-34018	FEDERAL 2-2D-64	UTU-77321
43-013-34286	FEDERAL 2-6D-64	UTU-77322
43-013-51093	FEDERAL 3-12D-65	UTU-77326
43-013-50760	FEDERAL 3-1D-65	UTU-77326
43-013-34001	FEDERAL 3-2D-65	UTU-77326
43-013-50782	FEDERAL 3-4D-65	UTU-77327
43-013-34287	FEDERAL 3-5D-64	UTU-8894A
43-013-50268	FEDERAL 3-6D-64	UTU-77322
43-013-51094	FEDERAL 4-12D-65	UTU-77326
43-013-50736	FEDERAL 4-3D-64	UTU-77321
43-013-50521	FEDERAL 4-4D-65	UTU-77327
43-013-50263	FEDERAL 4-5D-64	UTU-8894A
43-013-50267	FEDERAL 4-6D-64	UTU-77322
43-013-51095	FEDERAL 5-12D-65	UTU-77330
43-013-50761	FEDERAL 5-1D-65	UTU-77326
43-013-33448	FEDERAL 5-3-64	UTU-77321
43-013-33450	FEDERAL 5-4-64	UTU-77326
43-013-33387	FEDERAL 5-4-65	UTU-77327
43-013-50259	FEDERAL 5-5D-64	UTU-8894A
43-013-33489	FEDERAL 5-6-65	UTU-77327
43-013-50269	FEDERAL 5-6D-64	UTU-77322
43-013-33491	FEDERAL 6-11-65	UTU-77330
43-013-51096	FEDERAL 6-12D-65	UTU-77330
43-013-32699	FEDERAL 6-1-65	UTU-77325
43-013-32557	FEDERAL 6-2-65	UTU-77326
43-013-50522	FEDERAL 6-3D-64	UTU-77321
43-013-34288	FEDERAL 6-5D-64	UTU-8894A
43-013-33745	FEDERAL 6-6D-64	UTU-77322
43-013-50566	FEDERAL 6-6D-65	UTU-77327
43-013-34061	FEDERAL 7-11D-65	UTU-77330
43-013-34015	FEDERAL 7-1D-65	UTU-77325
43-013-50734	FEDERAL 7-2D-64	UTU-77321
43-013-50525	FEDERAL 7-2D-65	UTU-77326
43-013-34065	FEDERAL 7-3D-65	UTU-77326
43-013-34020	FEDERAL 7-6D-64	UTU-77322
43-013-51232	FEDERAL 8-11D-65	UTU-77326
43-013-33449	FEDERAL 8-1-64	UTU-77321
43-013-50350	FEDERAL 8-1D-65	UTU-77326

43-013-33581	FEDERAL 8-2D-64	UTU-77321
43-013-50719	FEDERAL 8-2D-65	UTU-77326
43-013-50325	FEDERAL 8-6D-64	UTU-77322
43-013-50342	FEDERAL 9-1D-65	UTU-77326
43-013-50762	FEDERAL 9-2D-65	UTU-77326
43-013-51218	FEDERAL 9-6D-64	UTU-77322
43-013-32351	FOY TRIBAL 11-34-55	UTU-76968
43-013-33799	FOY TRIBAL 12H-33-55	FEE
43-013-51288	LC FEE 10-28D-56	FEE
43-013-50994	LC FEE 10-31D-45	FEE
43-013-50965	LC FEE 1-22-57	FEE
43-013-50718	LC FEE 1-22D-56	FEE
43-013-51371	LC FEE 1-31D-45	FEE
43-013-50929	LC FEE 13-29-45	FEE
43-013-50870	LC FEE 15-23D-56	FEE
43-013-50601	LC FEE 16-16D-56	FEE
43-013-50777	LC FEE 2-20D-56	FEE
43-013-33593	LC FEE 6-12-57	FEE
43-013-50867	LC FEE 8-28D-56	FEE
43-013-50928	LC FEE 8-29-45	FEE
43-013-50963	LC FEE 9-12D-57	FEE
43-013-51192	LC FEE 9-19-56	FEE
43-013-50602	LC TRIBAL 10-16D-56	14-20-H62-6301
43-013-50999	LC TRIBAL 10-21-56	14-20-H62-3433
43-013-33677	LC TRIBAL 11-17-56	14-20-H62-6300
43-013-50751	LC TRIBAL 11-3D-56	14-20-H62-6435
43-013-50780	LC TRIBAL 12-22D-56	14-20-H62-6302
43-013-33606	LC TRIBAL 12H-6-56	14-20-H62-5500
43-013-34282	LC TRIBAL 13-16D-56	14-20-H62-5623
43-013-33591	LC TRIBAL 13H-3-56	14-20-H62-6435
43-013-50776	LC TRIBAL 14-14D-56	14-20-H62-6436
43-013-50834	LC TRIBAL 14-15D-56	14-20-H62-6435
43-013-33492	LC TRIBAL 14-2-56	14-20-H62-6472
43-013-51030	LC TRIBAL 15-15D-56	14-20-H62-6435
43-013-50606	LC TRIBAL 15-22D-56	14-20-H62-6302
43-013-50871	LC TRIBAL 15-26-56	14-20-H62-6471
43-013-51132	LC TRIBAL 16-30D-56	2OG-000-5500
43-013-33608	LC TRIBAL 1-9-56	14-20-H62-5657
43-013-33538	LC TRIBAL 2-16D-56	14-20-H62-5623
43-013-51429	LC TRIBAL 2-28D-45	2OG-000-5500
43-013-50866	LC TRIBAL 2-28D-56	14-20-H62-6473
43-013-50925	LC TRIBAL 2-5D-56	14-20-H62-6432
43-013-50926	LC TRIBAL 2-9D-56	14-20-H62-5657
43-013-50598	LC TRIBAL 3-15D-56	14-20-H62-6435
43-013-33541	LC TRIBAL 3-17-56	14-20-H62-5655
43-013-50751	LC TRIBAL 3-21D-56	14-20-H62-3433
43-013-50976	LC TRIBAL 3-34-45	2OG-000-5500
43-013-33580	LC TRIBAL 3-5-56	14-20-H62-6257
43-013-33539	LC TRIBAL 4-16-56	14-20-H62-6301

43-013-50262	LC TRIBAL 4-27D-56	14-20-H62-6303
43-013-50661	LC TRIBAL 5-14D-56	14-20-H62-6436
43-013-50752	LC TRIBAL 5-21D-56	14-20-H62-3433
43-013-50625	LC TRIBAL 5-23D-56	14-20-H62-6434
43-013-50260	LC TRIBAL 6-22D-56	14-20-H62-6302
43-013-50868	LC TRIBAL 6-27D-56	14-20-H62-6303
43-013-51034	LC TRIBAL 6-28-45	2OG-000-5500
43-013-51073	LC TRIBAL 7-27-45	2OG-000-5500
43-013-33577	LC TRIBAL 7-3-56	14-20-H62-5656
43-013-50599	LC TRIBAL 8-16D-56	14-20-H62-6301
43-013-33576	LC TRIBAL 8-28-46	14-20-H62-5500
43-013-51131	LC TRIBAL 8-30D-56	2OG-000-5500
43-013-33605	LC TRIBAL 8-4-56	14-20-H62-6256
43-013-51031	LC TRIBAL 9-15D-56	14-20-H62-6435
43-013-51430	LC TRIBAL 9-28D-45	2OG-000-5500
43-013-51112	LC TRIBAL 9-8D-56	2OG-000-5500
43-013-51198	LC TRIBAL 9-9D-56	2OG-000-5500
43-013-51076	LC Tribal 11-24-45	2OG-000-5500
43-013-32931	MOON TRIBAL 10-2-54	14-20-H62-3404
43-013-32540	MOON TRIBAL 10-27-54	14-20-H62-3375
43-013-32845	MOON TRIBAL 11-27-54	14-20-H62-3375
43-013-32347	MOON TRIBAL 12-23-54	14-20-H62-4943
43-013-32541	MOON TRIBAL 12-27-54	14-20-H62-3375
43-013-32937	MOON TRIBAL 1-27-54	14-20-H62-3375
43-013-32801	MOON TRIBAL 13-27-54	14-20-H62-3375
43-013-32408	MOON TRIBAL 14-27-54	14-20-H62-3375
43-013-32846	MOON TRIBAL 15-27-54	14-20-H62-3375
43-013-32927	MOON TRIBAL 16-23-54	14-20-H62-4943
43-013-34109	MOON TRIBAL 16-27D-54	14-20-H62-3375
43-013-32613	MOON TRIBAL 3-27-54	14-20-H62-3375
43-013-32800	MOON TRIBAL 4-23-54	14-20-H62-4943
43-013-32938	MOON TRIBAL 5-23-54	14-20-H62-4943
43-013-32802	MOON TRIBAL 5-27-54	14-20-H62-3375
43-013-32843	MOON TRIBAL 6-23-54	14-20-H62-4943
43-013-32407	MOON TRIBAL 6-27-54	14-20-H62-3375
43-013-33365	MOON TRIBAL 7-27D-54	14-20-H62-3375
43-013-32543	MOON TRIBAL 8-27-54	14-20-H62-3375
43-013-32782	MYRIN TRIBAL 14-19-55	14-20-H62-5058
43-013-32934	MYRIN TRIBAL 16-19-55	14-20-H62-5058
43-013-33152	NIELSEN FEE 13-11-56	14-20-H62-5620
43-013-32737	NIELSEN MARSING 13-14-56	FEE
43-013-31131	S BRUNDAGE CYN UTE TRIBAL 4-27	14-20-H62-3375
43-013-30948	S BRUNDAGE UTE TRIBAL 1-30	14-20-H62-3417
43-013-30933	S COTTONWOOD RIDGE UTE TRIBAL 1-19	14-20-H62-4919
43-007-30890	SCOFIELD THORPE 22-41X RIG SKID	FEE
43-007-31001	SCOFIELD-THORPE 23-31	FEE
43-007-30991	SCOFIELD-THORPE 35-13	FEE
43-013-50686	SFW FEE 14-10D-54	FEE
43-013-50247	SFW FEE 15-10-54	FEE

43-013-34295	SFW TRIBAL 10-10D-54	14-20-H62-5517
43-013-34296	SFW TRIBAL 9-10D-54	14-20-H62-5517
43-013-31701	SOWERS CANYON 9-27	14-20-H62-4753/UTU-76967
43-013-30955	SOWERS CYN UTE TRIBAL 3-26	14-20-H62-3444
43-013-33916	ST TRIBAL 1-15D-54	14-20-H62-4661
43-013-32849	ST TRIBAL 2-15-54	14-20-H62-4661
43-013-34059	ST TRIBAL 3-15D-54	14-20-H62-4661
43-013-32850	ST TRIBAL 4-15-54	14-20-H62-4661
43-013-34060	ST TRIBAL 5-15D-54	14-20-H62-4661
43-013-32848	ST TRIBAL 6-15-54	14-20-H62-4661
43-013-33950	ST TRIBAL 7-15D-54	14-20-H62-4661
43-013-32851	ST TRIBAL 8-15-54	14-20-H62-4661
43-013-33951	ST TRIBAL 9-15D-54	14-20-H62-4661
43-013-50245	STATE TRIBAL 16-10-54	14-20-H62-5517
43-013-32953	STATE TRIBAL 5-18-54	14-20-H62-5035
43-013-32952	STATE TRIBAL 7-18-54	14-20-H62-5035
43-013-30999	T C UTE TRIBAL 9-23X	14-20-H62-3443
43-013-31699	TABBY CANYON 1-21	14-20-H62-4825/UTU-76965
43-013-31700	TABBY CANYON 8-22	14-20-H62-4754/UTU-76966
43-013-30945	TABBY CYN UTE TRIBAL 1-25	14-20-H62-3537
43-013-33121	TAYLOR FEE 13-22-56	FEE
43-013-33140	TAYLOR FEE 7-14-56	FEE
43-013-32738	TAYLOR HERRICK 10-22-56	FEE
43-013-51271	UTE FEE 14-9D-54	FEE
43-013-51272	UTE FEE 15-9D-54	FEE
43-013-33720	UTE FEE 2-13-55	FEE
43-013-51259	UTE FEE 9-9-54	FEE
43-013-33055	UTE TRIBAL 10-12-55	14-20-H62-5056
43-013-33205	UTE TRIBAL 10-14-54	14-20-H62-5033
43-013-32601	UTE TRIBAL 10-14-55	14-20-H62-5016
43-013-32587	UTE TRIBAL 10-15-54	14-20-H62-4661
43-013-32977	UTE TRIBAL 10-15-55	14-20-H62-5017
43-013-33129	UTE TRIBAL 10-16-54	14-20-H62-3413
43-013-32345	UTE TRIBAL 10-16-55	14-20-H62-5024
43-013-33133	UTE TRIBAL 10-17-54	14-20-H62-4731
43-013-33300	UTE TRIBAL 10-18-54	14-20-H62-4919
43-013-32717	UTE TRIBAL 10-19-54	14-20-H62-3528
43-013-32740	UTE TRIBAL 10-20-54	14-20-H62-3529
43-013-32603	UTE TRIBAL 10-21-55	14-20-H62-4825
43-013-32592	UTE TRIBAL 10-22-54	14-20-H62-3415
43-013-33722	UTE TRIBAL 10-22D-55	14-20-H62-4754
43-013-33358	UTE TRIBAL 10-23D-55	14-20-H62-3443
43-013-32932	UTE TRIBAL 10-24-54	14-20-H62-4716
43-013-33156	UTE TRIBAL 10-24D-55	14-20-H62-4749
43-013-32749	UTE TRIBAL 10-25-55	14-20-H62-3537
43-013-33620	UTE TRIBAL 10-26D-54	14-20-H62-4954
43-013-33360	UTE TRIBAL 10-26D-55	14-20-H62-3444
43-013-33683	UTE TRIBAL 10-27D-55	14-20-H62-4753
43-013-32764	UTE TRIBAL 10-28-54	14-20-H62-4740

43-013-32419	UTE TRIBAL 10-28-55	14-20-H62-5019
43-013-33155	UTE TRIBAL 10-29-54	14-20-H62-5036
43-013-33157	UTE TRIBAL 10-29D-55	14-20-H62-5020
43-013-32847	UTE TRIBAL 10-31-54	14-20-H62-4946
43-013-32936	UTE TRIBAL 10-31-55	14-20-H62-5060
43-013-33902	UTE TRIBAL 10-32-54	14-20-H62-4947
43-013-33092	UTE TRIBAL 10-33-54	14-20-H62-4948
43-013-32353	UTE TRIBAL 10-35-55	14-20-H62-4945
43-013-33968	UTE TRIBAL 10-36D-55	14-20-H62-4944
43-013-50854	UTE TRIBAL 10S-21D-54	14-20-H62-3141
43-013-32721	UTE TRIBAL 11-12-55	14-20-H62-5518
43-013-32568	UTE TRIBAL 11-13-54	14-20-H62-4894
43-013-33268	UTE TRIBAL 11-13-55	14-20-H62-4845
43-013-32693	UTE TRIBAL 11-14-55	14-20-H62-5016
43-013-33206	UTE TRIBAL 11-15-54	14-20-H62-4661
43-013-32980	UTE TRIBAL 11-15-55	14-20-H62-5017
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43-013-32145	UTE TRIBAL 11-17	14-20-H62-4731
43-013-31547	UTE TRIBAL 11-19	14-20-H62-3528
43-013-32168	UTE TRIBAL 11-20	14-20-H62-3529
43-013-32415	UTE TRIBAL 11-20-55	14-20-H62-5018
43-013-33115	UTE TRIBAL 11-21-54	14-20-H62-3414
43-013-33116	UTE TRIBAL 11-22-54	14-20-H62-3415
43-013-32607	UTE TRIBAL 11-22-55	14-20-H62-4754
43-013-32269	UTE TRIBAL 11-23-55	14-20-H62-3443
43-013-31909	UTE TRIBAL 11-24	14-20-H62-4749
43-013-31911	UTE TRIBAL 11-25	14-20-H62-3537
43-013-32856	UTE TRIBAL 11-25-54	14-20-H62-3440
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43-013-32844	UTE TRIBAL 11-26-54	14-20-H62-4954
43-013-33478	UTE TRIBAL 11-26D-55	14-20-H62-3444
43-013-32615	UTE TRIBAL 11-27-55	14-20-H62-4753
43-013-32192	UTE TRIBAL 11-28	14-20-H62-4740
43-013-34057	UTE TRIBAL 11-28-55	14-20-H62-5019
43-013-32563	UTE TRIBAL 11-29-54	14-20-H62-5032
43-013-32512	UTE TRIBAL 11-30-54	14-20-H62-4662
43-013-32530	UTE TRIBAL 11-31-54	14-20-H62-4946
43-013-33793	UTE TRIBAL 11-32D-54	14-20-H62-4947
43-013-32522	UTE TRIBAL 11-33-54	14-20-H62-4948
43-013-33783	UTE TRIBAL 11-35-55	14-20-H62-5053
43-013-33214	UTE TRIBAL 11-36D-55	14-20-H62-4944
43-013-33769	UTE TRIBAL 1-14D-54	14-20-H62-5033
43-013-33279	UTE TRIBAL 1-14D-55	14-20-H62-5016
43-013-32664	UTE TRIBAL 11-5-54	14-20-H62-5516
43-013-32978	UTE TRIBAL 1-15-55	14-20-H62-5017
43-013-33128	UTE TRIBAL 1-16-54	14-20-H62-3413
43-013-30966	UTE TRIBAL 1-20	14-20-H62-3529
43-013-32414	UTE TRIBAL 1-20-55	14-20-H62-5018
43-013-32369	UTE TRIBAL 12-14-54	14-20-H62-5033

43-013-50476	UTE TRIBAL 12-14D-55	14-20-H62-4661
43-013-32205	UTE TRIBAL 12-15	14-20-H62-5017
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43-013-32146	UTE TRIBAL 12-17	14-20-H62-5035
43-013-33077	UTE TRIBAL 12-18-54	14-20-H62-3528
43-013-32716	UTE TRIBAL 12-19-54	14-20-H62-3529
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43-013-32385	UTE TRIBAL 12-21-54	14-20-H62-4825
43-013-33694	UTE TRIBAL 12-21D-55	14-20-H62-4754
43-013-32616	UTE TRIBAL 12-22-55	14-20-H62-3443
43-013-33908	UTE TRIBAL 12-23D-55	14-20-H62-4749
43-013-33134	UTE TRIBAL 12-24D-55	14-20-H62-4749
43-013-32769	UTE TRIBAL 12-25-55	14-20-H62-3537
43-013-33801	UTE TRIBAL 12-26D-54	14-20-H62-3444
43-013-34118	UTE TRIBAL 12-26D-55	14-20-H62-4740
43-013-32765	UTE TRIBAL 12-28-54	14-20-H62-5019
43-013-33645	UTE TRIBAL 12-28D-55	14-20-H62-5036
43-013-32572	UTE TRIBAL 12-29-54	14-20-H62-5020
43-013-33418	UTE TRIBAL 12-29D-55	14-20-H62-5020
43-013-33215	UTE TRIBAL 1-22D-54	14-20-H62-3415
43-013-33626	UTE TRIBAL 1-22D-55	14-20-H62-4754
43-013-33907	UTE TRIBAL 12-31D-54	14-20-H62-4946
43-013-32925	UTE TRIBAL 12-32-54	14-20-H62-4947
43-013-33266	UTE TRIBAL 12-32-55	14-20-H62-5026
43-013-33090	UTE TRIBAL 12-33-54	14-20-562-4948
43-013-32524	UTE TRIBAL 1-23-55	14-20-H62-3443
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43-013-31549	UTE TRIBAL 1-28	14-20-H62-4740
43-013-33784	UTE TRIBAL 1-28D-55	14-20-H62-5019
43-013-33184	UTE TRIBAL 12Q-25-55	14-20-H62-3537
43-013-32599	UTE TRIBAL 13-13-55	14-20-H62-4845
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43-013-33039	UTE TRIBAL 13-15D-54	14-20-H662-4661
43-013-32511	UTE TRIBAL 13-16-54	14-20-H62-3413
43-013-31546	UTE TRIBAL 13-17	14-20-H62-4919
43-013-32571	UTE TRIBAL 13-18-54	14-20-H62-5032
43-013-31284	UTE TRIBAL 13-19	14-20-H62-3528
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43-013-32841	UTE TRIBAL 13-20-55	14-20-H62-5018
43-013-33113	UTE TRIBAL 13-21-54	14-20-H62-3414

43-013-31548	UTE TRIBAL 13-22	14-20-H62-3415
43-013-33716	UTE TRIBAL 13-22D-55	14-20-H62-4754
43-013-32513	UTE TRIBAL 13-23-55	14-20-H62-3443
43-013-31910	UTE TRIBAL 13-24	14-20-H62-4749
43-013-32169	UTE TRIBAL 13-25	14-20-H62-3537
43-013-32891	UTE TRIBAL 13-26-54	14-20-H62-4954
43-013-34002	UTE TRIBAL 13-26D-55	14-20-H62-3444
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43-013-33646	UTE TRIBAL 13-28D-55	14-20-H62-5019
43-013-32564	UTE TRIBAL 13-29-54	14-20-H62-5032
43-013-33501	UTE TRIBAL 1-31-55	14-20-H62-5060
43-013-30872	UTE TRIBAL 1-32R	14-20-H62-4947
43-013-32185	UTE TRIBAL 1-33	14-20-H62-4948
43-013-32409	UTE TRIBAL 13-30-54	14-20-H62-4662
43-013-32688	UTE TRIBAL 13-31-54	14-20-H62-4946
43-013-32692	UTE TRIBAL 13-32-54	14-20-H62-4947
43-013-32742	UTE TRIBAL 13-33-54	14-20-H62-4948
43-013-32806	UTE TRIBAL 13-35-54	14-20-H62-5053
43-013-34117	UTE TRIBAL 13-35D-55	14-20-H62-4945
43-013-33624	UTE TRIBAL 13-36D-55	14-20-H62-4944
43-013-32186	UTE TRIBAL 1-34	14-20-H62-4955
43-013-50408	UTE TRIBAL 1-34D-55	14-20-H62-5028
43-013-32567	UTE TRIBAL 1-35-54	14-20-H62-5032
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43-013-33380	UTE TRIBAL 13H-16-55	14-20-H62-5024
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43-013-32147	UTE TRIBAL 14-17	14-20-H62-4919
43-013-32984	UTE TRIBAL 14-18-55	14-20-H62-5057
43-013-32690	UTE TRIBAL 14-19-54	14-20-H62-3528
43-013-32702	UTE TRIBAL 14-20-54	14-20-H62-3529
43-013-32384	UTE TRIBAL 14-21-54	14-20-H62-3414
43-013-32593	UTE TRIBAL 14-22-54	14-20-H62-3415
43-013-33717	UTE TRIBAL 14-22D-55	14-20-H62-4754
43-013-33915	UTE TRIBAL 14-23D-55	14-20-H62-3443
43-013-33912	UTE TRIBAL 14-24D-55	14-20-H62-4749
43-013-32988	UTE TRIBAL 14-24-56	14-20-H62-5064
43-013-33912	UTE TRIBAL 14-24D-55	14-20-H62-4749
43-013-32776	UTE TRIBAL 14-25-54	14-20-H62-3440
43-013-32750	UTE TRIBAL 14-25-55	14-20-H62-3537
43-013-33673	UTE TRIBAL 14-26D-54	14-20-H62-4954
43-013-33361	UTE TRIBAL 14-26D-55	14-20-H62-3444
43-013-33684	UTE TRIBAL 14-27D-55	14-20-H62-4753
43-013-32348	UTE TRIBAL 14-28-55	14-20-H62-5019
43-013-33278	UTE TRIBAL 14-28D-54	14-20-H62-5036
43-013-33042	UTE TRIBAL 14-31D-54	14-20-H62-4946
43-013-32523	UTE TRIBAL 14-32-54	14-20-H62-4947

43-013-33093	UTE TRIBAL 14-33-54	14-20-H62-4949
43-013-33955	UTE TRIBAL 14-35D-55	14-20-H62-4945
43-013-32355	UTE TRIBAL 14-36-55	14-20-H62-4944
43-013-33277	UTE TRIBAL 14Q-28-54	14-20-H62-4740
43-013-33479	UTE TRIBAL 14Q-30-54	14-20-H62-4662
43-013-33212	UTE TRIBAL 15-13D-55	14-20-H62-4845
43-013-32971	UTE TRIBAL 15-15-54	14-20-H62-4661
43-013-32855	UTE TRIBAL 15-15-55	14-20-H62-5017
43-013-31648	UTE TRIBAL 15-16	14-20-H62-3413
43-013-31649	UTE TRIBAL 15-17	14-20-H62-4731
43-013-32358	UTE TRIBAL 15-17-55	14-20-H62-5025
43-013-32148	UTE TRIBAL 15-18	14-20-H62-4919
43-013-31832	UTE TRIBAL 15-19	14-20-H62-3528
43-013-32386	UTE TRIBAL 15-20-54	14-20-H62-3529
43-013-33357	UTE TRIBAL 15-21-55	14-20-H62-3414
43-013-32617	UTE TRIBAL 15-22-55	14-20-H62-4754
43-013-34116	UTE TRIBAL 15-22D-54	14-20-H62-3415
43-013-31671	UTE TRIBAL 15-23	14-20-H62-3443
43-013-31129	UTE TRIBAL 15-24R	14-20-H62-4749
43-013-32271	UTE TRIBAL 15-25-55	14-20-H62-3537
43-013-33768	UTE TRIBAL 15-26D-54	14-20-H62-4954
43-013-33362	UTE TRIBAL 15-26D-55	14-20-H62-3444
43-013-32339	UTE TRIBAL 15-27-55	14-20-H62-4753
43-013-32389	UTE TRIBAL 15-28-54	14-20-H62-4740
43-013-32561	UTE TRIBAL 15-29-54	14-20-H62-5036
43-013-32382	UTE TRIBAL 15-30-54	14-20-H62-4662
43-013-32743	UTE TRIBAL 15-31-54	14-20-H62-4946
43-013-32666	UTE TRIBAL 15-32-54	14-20-H62-4947
43-013-32768	UTE TRIBAL 15-33-54	14-20-H62-4948
43-013-32804	UTE TRIBAL 15-35-54	14-20-H62-5053
43-013-33954	UTE TRIBAL 15-35D-55	14-20-H62-4945
43-013-33049	UTE TRIBAL 15-36-55	14-20-H62-4944
43-013-33327	UTE TRIBAL 16-13D-55	14-20-H62-4845
43-013-32272	UTE TRIBAL 16-14-55	14-20-H62-5016
43-013-32588	UTE TRIBAL 16-15-54	14-20-H62-4661
43-013-32757	UTE TRIBAL 16-16-55	14-20-H62-5024
43-013-33132	UTE TRIBAL 16-17-54	14-20-H62-4731
43-013-31650	UTE TRIBAL 16-18	14-20-H62-4919
43-013-32691	UTE TRIBAL 16-19-54	14-20-H62-3528
43-013-32739	UTE TRIBAL 16-20-54	14-20-H62-3529
43-013-32381	UTE TRIBAL 16-21-54	14-20-H62-3414
43-013-32842	UTE TRIBAL 16-22-54	14-20-H62-3415
43-013-33267	UTE TRIBAL 16-22D-55	14-20-H62-4754
43-013-33046	UTE TRIBAL 16-23-55	14-20-H-62-3443
43-013-32775	UTE TRIBAL 16-24-54	14-20-H62-4716
43-013-32672	UTE TRIBAL 16-24-55	14-20-H62-3440
43-013-32759	UTE TRIBAL 16-25-55	14-20-H62-3537
43-013-34042	UTE TRIBAL 16-26-54	14-20-H62-4954
43-013-33965	UTE TRIBAL 16-26D-55	14-20-H62-3444

43-013-33786	UTE TRIBAL 16-27D-55	14-20-H62-4753
43-013-33041	UTE TRIBAL 16-28D-54	14-20-H62-4740
43-013-33076	UTE TRIBAL 16-29-54	14-20-H62-5036
43-013-32349	UTE TRIBAL 16-29-55	14-20-H62-5020
43-013-32665	UTE TRIBAL 16-3-54	14-20-H62-4778
43-013-32718	UTE TRIBAL 16-30-54	14-20-H62-4662
43-013-33326	UTE TRIBAL 16-31D-54	14-20-H62-4946
43-013-32926	UTE TRIBAL 16-32D-54	14-20-H62-4947
43-013-33091	UTE TRIBAL 16-33-54	14-20-H62-4948
43-013-32352	UTE TRIBAL 16-35-55	14-20-H62-4945
43-013-32356	UTE TRIBAL 16-36-55	14-20-H62-4944
43-013-33393	UTE TRIBAL 1A-29-54	14-20-H62-5036
43-013-33186	UTE TRIBAL 1I-36-55	14-20-H62-4944
43-013-33111	UTE TRIBAL 2-14-54	14-20-H962-5033
43-013-32140	UTE TRIBAL 2-19	14-20-H62-4919
43-013-32974	UTE TRIBAL 2-20-54	14-20-H62-3529
43-013-33117	UTE TRIBAL 2-21-55	14-20-H62-4825
43-013-32591	UTE TRIBAL 2-22-54	14-20-H62-3415
43-013-32604	UTE TRIBAL 2-22-55	14-20-H62-4754
43-013-33045	UTE TRIBAL 2-23-55	14-20-H62-3443
43-013-32569	UTE TRIBAL 2-24-54	14-20-H62-4716
43-013-31833	UTE TRIBAL 2-25	14-20-H62-3537
43-013-32868	UTE TRIBAL 2-26-54	14-20-H62-4954
43-013-33979	UTE TRIBAL 2-26D-55	14-20-H62-3444
43-013-32179	UTE TRIBAL 2-27	14-20-H62-3375
43-013-33628	UTE TRIBAL 2-27D-55	14-20-H62-4753
43-013-32763	UTE TRIBAL 2-28-54	14-20-H62-4740
43-013-33714	UTE TRIBAL 2-29D-55	14-20-H62-5036
43-013-32680	UTE TRIBAL 2-30-55	14-20-H62-5059
43-013-32894	UTE TRIBAL 2-30D-54	14-20-H62-4662
43-013-32762	UTE TRIBAL 2-31-54	14-20-H62-4946
43-013-32935	UTE TRIBAL 2-31-55	14-20-H62-5060
43-013-32803	UTE TRIBAL 2-32-54	14-20-H62-4947
43-013-32350	UTE TRIBAL 2-32-55	14-20-H62-5026
43-013-32898	UTE TRIBAL 2-33D-54	14-20-H62-4948
43-013-32187	UTE TRIBAL 2-35	14-20-H62-4945
43-013-32422	UTE TRIBAL 2-36-55	14-20-H62-4944
43-013-32663	UTE TRIBAL 3-10-54	14-20-H62-5517
43-013-50478	UTE TRIBAL 3-14-55	14-20-H62-5016
43-013-50389	UTE TRIBAL 3-14D-54	14-20-H62-5033
43-013-31830	UTE TRIBAL 3-19	14-20-H62-3528
43-013-32377	UTE TRIBAL 3-20-54	14-20-H62-4919
43-013-32867	UTE TRIBAL 3-21-54	14-20-H62-3414
43-013-32758	UTE TRIBAL 3-21-55	14-20-H62-4825
43-013-33208	UTE TRIBAL 3-22-54	14-20-H62-3415
43-013-32605	UTE TRIBAL 3-22-55	14-20-H62-4754
43-013-32536	UTE TRIBAL 3-23-55	14-20-H62-3443
43-013-30960	UTE TRIBAL 3-24R-55 (REENTRY)	14-20-H62-4749
43-013-31834	UTE TRIBAL 3-25	14-20-H62-3537

43-013-32993	UTE TRIBAL 3-25-56	14-20-H62-5065
43-013-33681	UTE TRIBAL 3-26D-54	14-20-H62-4954
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43-013-32261	UTE TRIBAL 3-28-54	14-20-H62-4740
43-013-33723	UTE TRIBAL 3-29-55	14-20-H62-5020
43-013-32625	UTE TRIBAL 3-30-54	14-20-H62-4662
43-013-32862	UTE TRIBAL 3-30-55	14-20-H62-5059
43-013-32527	UTE TRIBAL 3-31-54	14-20-H62-4946
43-013-32410	UTE TRIBAL 3-32-54	14-20-H62-4947
43-013-33363	UTE TRIBAL 3-32D-55	14-20-H62-5206
43-013-32412	UTE TRIBAL 3-33-54	14-20-H62-4948
43-013-33888	UTE TRIBAL 3-35D-55	14-20-H62-5053
43-013-33888	UTE TRIBAL 3-35D-55	14-20-H62-4945
43-013-32751	UTE TRIBAL 3-36-55	14-20-H62-4944
43-013-33185	UTE TRIBAL 3G-31-54	14-20-H62-4946
43-013-33270	UTE TRIBAL 4-14D-54	14-20-H62-5033
43-013-32972	UTE TRIBAL 4-19-54	14-20-H62-3528
43-013-32621	UTE TRIBAL 4-20-54	14-20-H62-4919
43-013-33549	UTE TRIBAL 4-20D-55	14-20-H62-5018
43-013-32378	UTE TRIBAL 4-21-54	14-20-H62-3414
43-013-33044	UTE TRIBAL 4-22-55	14-20-H62-4754
43-013-33627	UTE TRIBAL 4-23D-55	14-20-H62-3443
43-013-32573	UTE TRIBAL 4-24-54	14-20-H62-4716
43-013-33726	UTE TRIBAL 4-24D-55	14-20-H62-4749
43-013-32928	UTE TRIBAL 4-25-55	14-20-H62-3537
43-013-33595	UTE TRIBAL 4-26D-54	14-20-H62-4954
43-013-33978	UTE TRIBAL 4-26D-55	14-20-H62-3444
43-013-33797	UTE TRIBAL 4-27D-55	14-20-H62-4753
43-013-32741	UTE TRIBAL 4-28-54	14-20-H62-4740
43-013-33118	UTE TRIBAL 4-28-55	14-20-H62-5019
43-013-32565	UTE TRIBAL 4-29-54	14-20-H62-5036
43-013-31550	UTE TRIBAL 4-30	14-20-H62-4662
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43-013-32357	UTE TRIBAL 4-33-55	14-20-H62-5027
43-013-32188	UTE TRIBAL 4-36	14-20-H62-4944
43-013-31152	UTE TRIBAL 5-13	14-20-H62-4845
43-013-33075	UTE TRIBAL 5-13-54	14-20-H62-4894
43-013-33619	UTE TRIBAL 5-14-54	14-20-H62-5033
43-013-50479	UTE TRIBAL 5-14-55	14-20-H62-5016
43-013-32344	UTE TRIBAL 5-15-55	14-20-H62-5017
43-013-50475	UTE TRIBAL 5-16D-54	14-20-H62-3413
43-013-32204	UTE TRIBAL 5-19	14-20-H62-3528
43-013-31651	UTE TRIBAL 5-20	14-20-H62-4919
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43-013-33706	UTE TRIBAL 5-21D-55	14-20-H62-4825
43-013-32624	UTE TRIBAL 5-22-54	14-20-H62-3415

43-013-32537	UTE TRIBAL 5-23-55	14-20-H62-3443
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43-013-32992	UTE TRIBAL 5-25-56	14-20-H62-5065
43-013-33421	UTE TRIBAL 5-25D-55	14-20-H62-3537
43-013-32890	UTE TRIBAL 5-26-54	14-20-H62-4954
43-013-32264	UTE TRIBAL 5-26-55	14-20-H62-3444
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43-013-32525	UTE TRIBAL 5-29-54	14-20-H62-5032
43-013-32380	UTE TRIBAL 5-30-54	14-20-H62-4662
43-013-32190	UTE TRIBAL 5-31	14-20-H62-4946
43-013-32539	UTE TRIBAL 5-32-54	14-20-H62-4947
43-013-32521	UTE TRIBAL 5-33-54	14-20-H62-4948
43-013-32805	UTE TRIBAL 5-35-54	14-20-H62-5053
43-013-32930	UTE TRIBAL 5-36-55	14-20-H62-4944
43-013-32586	UTE TRIBAL 6-14-54	14-20-H62-5033
43-013-50246	UTE TRIBAL 6-14D-55	14-20-H62-5016
43-013-32865	UTE TRIBAL 6-19-54	14-20-H62-3528
43-013-32622	UTE TRIBAL 6-20-54	14-20-H62-4919
43-013-32164	UTE TRIBAL 6-21	14-20-H62-3414
43-013-32163	UTE TRIBAL 6-22	14-20-H62-3415
43-013-33213	UTE TRIBAL 6-22D-55	14-20-H62-4728
43-013-33187	UTE TRIBAL 6-23D-55	14-20-H62-3443
43-013-32570	UTE TRIBAL 6-24-54	14-20-H62-4716
43-013-32143	UTE TRIBAL 6-25H	14-20-H62-3537
43-013-33625	UTE TRIBAL 6-26D-54	14-20-H62-4954
43-013-33476	UTE TRIBAL 6-26D-55	14-20-H62-3444
43-013-32892	UTE TRIBAL 6-28D-54	14-20-H62-4740
43-013-33172	UTE TRIBAL 6-29-54	14-20-H62-5036
43-013-33120	UTE TRIBAL 6-29-55	14-20-H62-5020
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43-013-33325	UTE TRIBAL 6-31D-54	14-20-H62-4946
43-013-32420	UTE TRIBAL 6-32-55	14-20-H62-5026
43-013-32897	UTE TRIBAL 6-32D-54	14-20-H62-4947
43-013-32872	UTE TRIBAL 6-33-54	14-20-H62-4948
43-013-34028	UTE TRIBAL 6-35D-55	14-20-H62-4945
43-013-32265	UTE TRIBAL 6-36-55	14-20-H62-4944
43-013-50409	UTE TRIBAL 7-14-54	14-20-H62-5033
43-013-33269	UTE TRIBAL 7-14-55	14-20-H62-5016
43-013-32976	UTE TRIBAL 7-15-55	14-20-H62-5017
43-013-33130	UTE TRIBAL 7-16-54	14-20-H62-3413
43-013-32863	UTE TRIBAL 7-19-55	14-20-H62-5058
43-013-32346	UTE TRIBAL 7-20-55	14-20-H62-5018
43-013-31281	UTE TRIBAL 7-20R-54	14-20-H62-3529
43-013-32623	UTE TRIBAL 7-21-54	14-20-H62-3414
43-013-32761	UTE TRIBAL 7-22-54	14-20-H62-3415
43-013-33721	UTE TRIBAL 7-22D-55	14-20-H62-4754
43-013-32514	UTE TRIBAL 7-23-55	14-20-H62-3443
43-013-32991	UTE TRIBAL 7-24-56	14-20-H62-5064

43-013-32991	UTE TRIBAL 7-25-56	14-20-H62-5065
43-013-33621	UTE TRIBAL 7-26D-54	14-20-H62-4954
43-013-33477	UTE TRIBAL 7-26D-55	14-20-H62-3444
43-013-32418	UTE TRIBAL 7-27-55	14-20-H62-4753
43-013-32166	UTE TRIBAL 7-28	14-20-H62-4740
43-013-33788	UTE TRIBAL 7-28D-55	14-20-H62-5019
43-013-32562	UTE TRIBAL 7-29-54	14-20-H62-5036
43-013-33715	UTE TRIBAL 7-29D-55	14-20-H62-5020
43-013-32167	UTE TRIBAL 7-30	14-20-H62-4662
43-013-32528	UTE TRIBAL 7-31-54	14-20-H62-4946
43-013-32411	UTE TRIBAL 7-32-54	14-20-H62-4947
43-013-32413	UTE TRIBAL 7-33-54	14-20-H62-4948
43-013-50510	UTE TRIBAL 7-34-55	14-20-H62-5028
43-013-32774	UTE TRIBAL 7-35-54	14-20-H62-5053
43-013-33048	UTE TRIBAL 7-35-55	14-20-H62-4945
43-013-32929	UTE TRIBAL 7-36-55	14-20-H62-4944
43-013-50852	UTE TRIBAL 7I-21-54	14-20-H62-3414
43-013-50488	UTE TRIBAL 8-10D-54	14-20-H62-5517
43-013-33204	UTE TRIBAL 8-14-54	14-20-H62-5033
43-013-50477	UTE TRIBAL 8-15D-55	14-20-H62-5017
43-013-32840	UTE TRIBAL 8-19-54	14-20-H62-3528
43-013-32864	UTE TRIBAL 8-19-55	14-20-H62-5058
43-013-32973	UTE TRIBAL 8-20-54	14-20-H62-3529
43-013-50435	UTE TRIBAL 8-21D-55	14-20-H62-4825
43-013-32590	UTE TRIBAL 8-22-54	14-20-H62-3415
43-013-33552	UTE TRIBAL 8-23D-55	14-20-H62-3443
43-013-33420	UTE TRIBAL 8-24-55	14-20-H62-4716
43-013-32780	UTE TRIBAL 8-25-54	14-20-H62-3440
43-013-32620	UTE TRIBAL 8-25-55	14-20-H62-3537
43-013-33682	UTE TRIBAL 8-26D-54	14-20-H62-4954
43-013-33859	UTE TRIBAL 8-26D-55	14-20-H62-3444
43-013-34058	UTE TRIBAL 8-27D-55	14-20-H62-4753
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43-013-32694	UTE TRIBAL 8-28-55	14-20-H62-5019
43-013-33119	UTE TRIBAL 8-29-55	14-20-H62-5020
43-013-32746	UTE TRIBAL 8-30-54	14-20-H62-4662
43-013-32869	UTE TRIBAL 8-31-54	14-20-H62-4946
43-013-32673	UTE TRIBAL 8-31-55	14-20-H62-5032
43-013-32870	UTE TRIBAL 8-32-54	14-20-H62-4947
43-013-32421	UTE TRIBAL 8-32-55	14-20-H62-5026
43-013-33089	UTE TRIBAL 8-33-54	14-20-H62-4948
43-013-50436	UTE TRIBAL 8-34D-55	14-20-H62-5028
43-013-32267	UTE TRIBAL 8-35-55	14-20-H62-4945
43-013-32423	UTE TRIBAL 8-36-55	14-20-H62-4944
43-013-50853	UTE TRIBAL 8L-21D-54	14-20-H62-3141
43-013-33328	UTE TRIBAL 9-13D-55	14-20-H62-4845
43-013-33796	UTE TRIBAL 9-14D-54	14-20-H62-5033
43-013-32701	UTE TRIBAL 9-15-55	14-20-H62-5017
43-013-33207	UTE TRIBAL 9-16-54	14-20-H62-3413

43-013-32687	UTE TRIBAL 9-17-54	14-20-H62-4731
43-013-32144	UTE TRIBAL 9-18	14-20-H62-4919
43-013-31831	UTE TRIBAL 9-19	14-20-H62-3528
43-013-32379	UTE TRIBAL 9-20-54	14-20-H62-3529
43-013-33675	UTE TRIBAL 9-20D-55	14-20-H62-5018
43-013-33040	UTE TRIBAL 9-21-54	14-20-H62-3414
43-013-32889	UTE TRIBAL 9-22-54	14-20-H62-3415
43-013-32606	UTE TRIBAL 9-22-55	14-20-H62-4754
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43-013-32191	UTE TRIBAL 9-26	14-20-H62-4728
43-013-33359	UTE TRIBAL 9-26D-55	14-20-H62-3444
43-013-32388	UTE TRIBAL 9-28-54	14-20-H62-4740
43-013-33787	UTE TRIBAL 9-28D-55	14-20-H62-5019
43-013-32566	UTE TRIBAL 9-29-54	14-20-H62-5036
43-013-32383	UTE TRIBAL 9-30-54	14-20-H62-4662
43-013-32529	UTE TRIBAL 9-31-54	14-20-H62-4946
43-013-33508	UTE TRIBAL 9-31-55	14-20-H62-5060
43-013-32538	UTE TRIBAL 9-32-54	14-20-H62-4947
43-013-32549	UTE TRIBAL 9-33-54	14-20-H62-4948
43-013-32781	UTE TRIBAL 9-35-54	14-20-H62-5053
43-013-33047	UTE TRIBAL 9-35-55	14-20-H62-4945
43-013-33239	UTE TRIBAL 9-36D-55	14-20-H62-4944
43-013-33276	UTE TRIBAL 9S-19-54	14-20-H62-3528
43-013-33245	UTE TRIBAL 9S-25-55	14-20-H62-3537
43-013-50997	Vieira Tribal 4-4-54	14-20-H62-5659
43-013-33122	WILCOX ELIASON 7-15-56	FEE
43-013-33150	WILCOX FEE 1-20-56	FEE
43-013-33151	WILCOX FEE 15-16-56	FEE
43-013-32550	WILLIAMSON TRIBAL 3-34-54	14-20-H62-4955
43-013-32551	WILLIAMSON TRIBAL 5-34-54	14-20-H62-4955
43-013-31311	Z and T UTE TRIBAL 12-22	14-20-H62-3415
43-013-31280	Z and T UTE TRIBAL 2-21	14-20-H62-3414
43-013-31282	Z and T UTE TRIBAL 7-19	14-20-H62-4919
43-013-31310	Z and T UTE TRIBAL 7-25	14-20-H62-3537

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

AMENDED REPORT FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL GAS WELL DRY OTHER _____

b. TYPE OF WORK: NEW WELL HORIZ. LATS. DEEP-EN RE-ENTRY DIFF. RESVR. OTHER _____

2. NAME OF OPERATOR: BERRY PETROLEUM COMPANY

3. ADDRESS OF OPERATOR: 4000 S. 4028 W. CITY ROOSEVELT STATE UT ZIP 84066 PHONE NUMBER: (435) 722-1325

4. LOCATION OF WELL (FOOTAGES): AT SURFACE: NWNW 382' FNL 479' FWL AT TOP PRODUCING INTERVAL REPORTED BELOW: SWNW 1548' FNL 628' FWL AT TOTAL DEPTH: SWNW 1814' FNL 662' FWL 1823 FNL 678 FWL (P.E.)

5. LEASE DESIGNATION AND SERIAL NUMBER: 2OG0005500

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER: LC TRIBAL 5-21D-56

9. API NUMBER: 4301350752

10. FIELD AND POOL, OR WILDCAT LAKE CANYON

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 21 5S 6W U

12. COUNTY DUCHESNE 13. STATE UTAH

14. DATE SPUDDED: 11/7/2011 15. DATE T.D. REACHED: 12/13/2011 16. DATE COMPLETED: 1/7/2012 ABANDONED READY TO PRODUCE 17. ELEVATIONS (DF, RKB, RT, GL): 6662 GL

18. TOTAL DEPTH: MD 6,366 TVD 6082 19. PLUG BACK T.D.: MD 6,288 TVD 6004 20. IF MULTIPLE COMPLETIONS, HOW MANY? * 21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each): ELECTRIC SD, DSN, ACTR, MUD, CBL, GR, CCL, VDL

23. WAS WELL CORED? NO YES (Submit analysis)
WAS DST RUN? NO YES (Submit report)
DIRECTIONAL SURVEY? NO YES (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
12.5	8.625 J-55	24		404		G 450			
7.875	5.5 J-55	15.5		6,337		PL 200		90	
						PLHS 330			

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.875	6,183							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) WASATCH	5,124	6,140			5,124 6,140	.36	138	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B) UTELAND BUTTE	4,814	5,010			4,814 5,010	.36	56	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(C) CASTLE PEAK	4,490	4,744			4,490 4,744	.36	64	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(D) GREEN RIVER	3,309	4,149			3,309 4,149	.36	68	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
5124 TO 6140	FRAC W/ 311,750 LBS SAND & 5,944 BBLs FLUID
4814 TO 5010	FRAC W/ 59,013 LBS SAND & 1,175 BBLs FLUID
4490 TO 4744	FRAC W/ 105,839 LBS SAND & 1687 BBLs FLUID

29. ENCLOSED ATTACHMENTS: ELECTRICAL/MECHANICAL LOGS GEOLOGIC REPORT DST REPORT DIRECTIONAL SURVEY SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION CORE ANALYSIS OTHER: _____

30. WELL STATUS: PUMPING

RECEIVED

FEB 13 2012

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 1/9/2012		TEST DATE: 1/26/2012		HOURS TESTED: 24		TEST PRODUCTION RATES: →		OIL – BBL: 68	GAS – MCF: 288	WATER – BBL: 150	PROD. METHOD: GAS PUMPI
CHOKE SIZE:	TBG. PRESS. 300	CSG. PRESS. 150	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS: PRODUCING	

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →		OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:	

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →		OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:	

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →		OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:	

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

SOLD

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				GR (FAUSCH MARKER)	940
				MAHOGANY	1,546
				TGR3	2,720
				DOUGLAS CREEK	3,545
				BLACK SHALE	4,184
				CASTLE PEAK	4,475
				UTELAND	4,845
				WASATCH	5,079

35. ADDITIONAL REMARKS (Include plugging procedure)

PLEASE SEE ATTACHMENT

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) BROOKE KENNEDYTITLE REGULATORY ASSISTANTSIGNATURE Brooke KennedyDATE 1/31/2012

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

Continued...

28. 3309 to 4149: Frac w/ 106,491 lbs. sand & 1,721 bbls. fluid



JOB NO.:	3410-432-21	Report Time:	2400	1 of 11
Company:	Berry Petroleum CO.	API JOB #	43-013-50752	
LOCATION:	RIGHT FORK INDIAN CANYON	WORK ORDER#		
RIG NAME:	BERRY 5B	FIELD:	LAKE CANYON	
STATE:	UTAH	Township:	5S	
COUNTY:	DUCHESNE	SECT:RANGE:	21	6W
WELL NAME:	LCT 5-21D-56			

From Thursday, December 01, 2011 at 0000 to Thursday, December 01, 2011 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	0.00	Rotary Hours	0.00	WOB	0	Pick UP	0	Slack Off	0	SPM	
End Depth	0.00	Circulating Hours	0.00	RAB	0	SPP	0	FlowRate	0-0	0	
Total Drilled:	0.00	Avg. Total ROP:	NA	Mud Data							
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA	Type		PV	0	SOLID	0		
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	0	GAS	0	YP	0	BHT°	0
Slide Hours:	0.00	Percent Rotary:	NA	Viscosity	0	SAND	0	PH	0	Flow T°	0
Below Rotary Hrs.	0.00	Percent Slide:	NA	Chlorides	0	WL	0			Oil %	0

PERSONNEL				CASING			BHA	
Lead Directional :	DEAN SHERMAN			Size	Lb/ft	Set Depth	N/A	
Second Directional :	STEVEN WEBB			8 5/8	24	404		
MWD Operator1	BILL STEFFENSMEIER			Signature:				
MWD Operator2								
Directional Company:	GREAT WHITE							
Geologist:								
Company Man:	FRANK DOHERTY							
Incl. In:	0	Azm. In:	0	Incl. Out:	15.6	Azm. Out:	187.68	

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
1-Dec-11	00:00	24:00	24.00	0	0	Standby	Standby



JOB NO.:	3410-432-21	Report Time:	2400	2 of 11
Company:	Berry Petroleum CO.	API JOB #	43-013-50752	
LOCATION:	RIGHT FORK INDIAN CANYON	WORK ORDER#		
RIG NAME:	BERRY 5B	FIELD:	LAKE CANYON	
STATE:	UTAH	Township:	5S	
COUNTY:	DUCHESNE	SECT:RANGE:	21	6W
WELL NAME:	LCT 5-21D-56			

From Friday, December 02, 2011 at 0000 to Friday, December 02, 2011 at 2400

DRILLING SUMMARY				Drilling Parameters									
Start Depth	0.00	Rotary Hours	0.00	WOB	0	Pick UP	0	Slack Off	0	SPM			
End Depth	0.00	Circulating Hours	0.00	RAB	0	SPP	0	FlowRate	0 - 0				
Total Drilled:	0.00	Avg. Total ROP:	NA	Mud Data									
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA	Type		PV	0	SOLID	0				
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	0	GAS	0	YP	0	BHT°	0		
Slide Hours:	0.00	Percent Rotary:	NA	Viscosity	0	SAND	0	PH	0	Flow T°	0		
Below Rotary Hrs.	0.00	Percent Slide:	NA	Chlorides	0	WL	0			Oil %	0		

PERSONNEL				CASING			BHA	
Lead Directional :	DEAN SHERMAN			Size	Lb/ft	Set Depth	N/A	
Second Directional :	STEVEN WEBB			8 5/8	24	404		
MWD Operator1	BILL STEFFENSMEIER			Signature:				
MWD Operator2								
Directional Company:	GREAT WHITE							
Geologist:								
Company Man:	FRANK DOHERTY							
Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0	

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
2-Dec-11	00:00	24:00	24.00	0	0	Standby	



JOB NO.:	3410-432-21	Report Time:	2400	3 of 11
Company:	Berry Petroleum CO.	API JOB #	43-013-50752	
LOCATION:	RIGHT FORK INDIAN CANYON	WORK ORDER#		
RIG NAME:	BERRY 5B	FIELD:	LAKE CANYON	
STATE:	UTAH	Township:	5S	
COUNTY:	DUCHESNE	SECT RANGE:	21	6W
WELL NAME:	LCT 5-21D-56			

From Saturday, December 03, 2011 at 0000 to Saturday, December 03, 2011 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	0.00	Rotary Hours	0.00	WOB	0	Pick UP	0	Slack Off	0	SPM	
End Depth	0.00	Circulating Hours	0.00	RAB	0	SPP	0	FlowRate	0-0		0
Total Drilled:	0.00	Avg. Total ROP:	NA	Mud Data							
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA	Type		PV	0	SOLID			0
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	0	GAS	0	YP	0	BHT°	0
Slide Hours:	0.00	Percent Rotary:	NA	Viscosity	0	SAND	0	PH	0	Flow T°	0
Below Rotary Hrs.	0.00	Percent Slide:	NA	Chlorides	0	WL	0			Oil %	0

PERSONNEL				CASING			BHA	
Lead Directional :	DEAN SHERMAN			Size	Lb/ft	Set Depth	N/A	
Second Directional :	STEVEN WEBB			8 5/8	24	404		
MWD Operator1	BILL STEFFENSMEIER			Signature:				
MWD Operator2								
Directional Company:	GREAT WHITE							
Geologist:								
Company Man:	FRANK DOHERTY							
Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0	

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
3-Dec-11	00:00	24:00	24.00	0	0	Standby	Standby



JOB NO.:	3410-432-21	Report Time:	2400	4 of 11
Company:	Berry Petroleum CO.	API JOB #	43-013-50752	
LOCATION:	RIGHT FORK INDIAN CANYON	WORK ORDER#		
RIG NAME:	BERRY 5B	FIELD:	LAKE CANYON	
STATE:	UTAH	Township:	5S	
COUNTY:	DUCHESNE	SECT/RANGE:	21	6W
WELL NAME:	LCT 5-21D-56			

From Sunday, December 04, 2011 at 0000 to Sunday, December 04, 2011 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	0.00	Rotary Hours	0.00	WOB	0	Pick UP	0	Slack Off	0	SPM	
End Depth	0.00	Circulating Hours	0.00	RAB	0	SPP	0	FlowRate	0-0		0
Total Drilled:	0.00	Avg. Total ROP:	NA	Mud Data							
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA	Type		PV	0	SOLID			0
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	0	GAS	0	YP	0	BHT°	0
Slide Hours:	0.00	Percent Rotary:	NA	Viscosity	0	SAND	0	PH	0	Flow T°	0
Below Rotary Hrs.	0.00	Percent Slide:	NA	Chlorides	0	WL	0			Oil %	0

PERSONNEL				CASING			BHA	
Lead Directional :	DEAN SHERMAN			Size	Lb/ft	Set Depth	N/A	
Second Directional :	STEVEN WEBB			8 5/8	24	404		
MWD Operator1	BILL STEFFENSMEIER			Signature:				
MWD Operator2								
Directional Company:	GREAT WHITE							
Geologist:								
Company Man:	FRANK DOHERTY							
Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0	

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
4-Dec-11	00:00	24:00	24.00	0	0	Standby	Standby



JOB NO.:	3410-432-21	Report Time:	2400	5 of 11
Company:	Berry Petroleum CO.	API JOB #	43-013-50752	
LOCATION:	RIGHT FORK INDIAN CANYON	WORK ORDER#		
RIG NAME:	BERRY 5B	FIELD:	LAKE CANYON	
STATE:	UTAH	Township:	5S	
COUNTY:	DUCHESNE	SECT.RANGE:	21	6W
WELL NAME:	LCT 5-21D-56			

From Monday, December 05, 2011 at 0000 to Monday, December 05, 2011 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	0.00	Rotary Hours	0.00	WOB	0	Pick UP	0	Slack Off	0	SPM	
End Depth	0.00	Circulating Hours	0.00	RAB	0	SPP	0	FlowRate	0-0		0
Total Drilled:	0.00	Avg. Total ROP:	NA	Mud Data							
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA	Type		PV	0	SOLID			0
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	0	GAS	0	YP	0	BHT°	0
Slide Hours:	0.00	Percent Rotary:	NA	Viscosity	0	SAND	0	PH	0	Flow T°	0
Below Rotary Hrs.	0.00	Percent Slide:	NA	Chlorides	0	WL	0			Oil %	0

PERSONNEL				CASING			BHA	
Lead Directional :	DEAN SHERMAN			Size	Lb/ft	Set Depth	N/A	
Second Directional :	STEVEN WEBB			8 5/8	24	404		
MWD Operator1	BILL STEFFENSMEIER			Signature:				
MWD Operator2								
Directional Company:	GREAT WHITE							
Geologist:								
Company Man:	FRANK DOHERTY							
Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0	

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
5-Dec-11	00:00	24:00	24.00	0	0	Standby	Standby



JOB NO.:	3410-432-21	Report Time:	2400	6 of 11
Company:	Berry Petroleum CO.	API JOB #	43-013-50752	
LOCATION:	RIGHT FORK INDIAN CANYON	WORK ORDER#		
RIG NAME:	BERRY 5B	FIELD:	LAKE CANYON	
STATE:	UTAH	Township:	5S	
COUNTY:	DUCHESNE	SECT:RANGE:	21	6W
WELL NAME:	LCT 5-21D-56			

From Tuesday, December 06, 2011 at 0000 to Tuesday, December 06, 2011 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	318.00	Rotary Hours	6.92	WOB	12	Pick UP	60	Slack Off	55	SPM	
End Depth	1206.00	Circulating Hours	0.83	RAB	55	SPP	850	FlowRate	0 - 360	120	
Total Drilled:	888.00	Avg. Total ROP:	86.63	Mud Data							
Total Rotary Drilled:	606.00	Avg. Rotary ROP:	87.61	Type				PV	0	SOLID	0
Total Drilled Sliding:	282.00	Avg. Slide ROP:	84.60	Weight	9.1	GAS	0	YP	0	BHT°	0
Slide Hours:	3.33	Percent Rotary:	68.24	Viscosity	36	SAND	0	PH	0	Flow T°	0
Below Rotary Hrs.	16.00	Percent Slide:	31.76	Chlorides	0	WL	0			Oil %	0

PERSONNEL				CASING			BHA
Lead Directional :	DEAN SHERMAN			Size	Lb/ft	Set Depth	BHA # 1:7 7/8 FX65M, 7/8 3.5 1.25 DEG .21 GPM, NMDC, GAP SUB, 6 1/4, 6 1/4, HWDP, XO,
Second Directional :	STEVEN WEBB			8 5/8	24	404	
MWD Operator1	BILL STEFFENSMEIER			Signature:			
MWD Operator2							
Directional Company:	GREAT WHITE						
Geologist:							
Company Man:	FRANK DOHERTY						
Incl. In:	0	Azm. In:	0	Incl. Out:	15.6	Azm. Out:	187.68

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
6-Dec-11	00:00	08:00	8.00	0	0	Standby	Standby
6-Dec-11	08:00	10:00	2.00	0	0	Change BHA	Change BHA
6-Dec-11	10:00	11:00	1.00	318	318	TIH	TIH
6-Dec-11	11:00	11:30	0.50	318	318	Circulating	Circulating
6-Dec-11	11:30	14:10	2.67	318	515	Drilling	DRLG CMT TRACK
6-Dec-11	14:10	14:20	0.17	515	532	Sliding	SLDG
6-Dec-11	14:20	14:25	0.08	532	532	Survey & Conn.	Survey & Conn.
6-Dec-11	14:25	14:45	0.33	532	562	Drilling	Drilling - (WOB:6;GPM :325;RPM:60)
6-Dec-11	14:45	15:00	0.25	562	577	Sliding	Sliding - (WOB:10;GPM :325;TFO:170M)
6-Dec-11	15:00	15:05	0.08	577	593	Drilling	Drilling - (WOB:6;GPM :325;RPM:60)
6-Dec-11	15:05	15:15	0.17	593	593	Survey & Conn.	Survey & Conn.
6-Dec-11	15:15	15:25	0.17	593	608	Sliding	Sliding - (WOB:10;GPM :325;TFO:165)
6-Dec-11	15:25	15:40	0.25	608	624	Drilling	Drilling - (WOB:8;GPM :360;RPM:60)
6-Dec-11	15:40	15:45	0.08	624	639	Sliding	Sliding - (WOB:10;GPM :325;TFO:170)
6-Dec-11	15:45	15:55	0.17	639	654	Drilling	Drilling - (WOB:10;GPM :360;RPM:60)
6-Dec-11	15:55	16:05	0.17	654	654	Survey & Conn.	Survey & Conn.
6-Dec-11	16:05	16:10	0.08	654	666	Sliding	Sliding - (WOB:10;GPM :325;TFO:175)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
6-Dec-11	16:10	16:20	0.17	666	685	Drilling	Drilling - (WOB:10;GPM :360;RPM:60)
6-Dec-11	16:20	16:40	0.33	685	685	Circulating	INSTL DRV BSHG
6-Dec-11	16:40	16:45	0.08	685	700	Sliding	Sliding - (WOB:10;GPM :325;TFO:175)
6-Dec-11	16:45	16:55	0.17	700	716	Drilling	Drilling - (WOB:10;GPM :360;RPM:60)
6-Dec-11	16:55	17:05	0.17	716	716	Survey & Conn.	Survey & Conn.
6-Dec-11	17:05	17:10	0.08	716	726	Sliding	Sliding - (WOB:10;GPM :360;TFO:15)
6-Dec-11	17:10	17:30	0.33	726	746	Drilling	Drilling - (WOB:10;GPM :360;RPM:60)
6-Dec-11	17:30	17:40	0.17	746	758	Sliding	Sliding - (WOB:10;GPM :360;TFO:10)
6-Dec-11	17:40	17:45	0.08	758	777	Drilling	Drilling - (WOB:10;GPM :360;RPM:60)
6-Dec-11	17:45	17:55	0.17	777	777	Survey & Conn.	Survey & Conn.
6-Dec-11	17:55	18:15	0.33	777	808	Drilling	Drilling - (WOB:10;GPM :360;RPM:60)
6-Dec-11	18:15	18:35	0.33	808	826	Sliding	Sliding - (WOB:12;GPM :360;TFO:5)
6-Dec-11	18:35	18:45	0.17	826	838	Drilling	Drilling - (WOB:10;GPM :360;RPM:60)
6-Dec-11	18:45	18:50	0.08	838	838	Survey & Conn.	Survey & Conn.
6-Dec-11	18:50	19:05	0.25	838	869	Drilling	Drilling - (WOB:10;GPM :360;RPM:60)
6-Dec-11	19:05	19:15	0.17	869	884	Sliding	Sliding - (WOB:12;GPM :360;TFO:-45)
6-Dec-11	19:15	19:25	0.17	884	900	Drilling	Drilling - (WOB:10;GPM :360;RPM:60)
6-Dec-11	19:25	19:40	0.25	900	900	Survey & Conn.	Survey & Conn.
6-Dec-11	19:40	19:55	0.25	900	931	Drilling	Drilling - (WOB:10;GPM :360;RPM:60)
6-Dec-11	19:55	20:10	0.25	931	949	Sliding	Sliding - (WOB:12;GPM :360;TFO:-45)
6-Dec-11	20:10	20:15	0.08	949	961	Drilling	Drilling - (WOB:10;GPM :360;RPM:60)
6-Dec-11	20:15	20:25	0.17	961	961	Survey & Conn.	Survey & Conn.
6-Dec-11	20:25	20:30	0.08	961	971	Sliding	Sliding - (WOB:12;GPM :360;TFO:-45)
6-Dec-11	20:30	20:45	0.25	971	992	Drilling	Drilling - (WOB:10;GPM :360;RPM:60)
6-Dec-11	20:45	21:00	0.25	992	1007	Sliding	Sliding - (WOB:12;GPM :360;TFO:-45)
6-Dec-11	21:00	21:10	0.17	1007	1023	Drilling	Drilling - (WOB:10;GPM :360;RPM:60)
6-Dec-11	21:10	21:20	0.17	1023	1023	Survey & Conn.	Survey & Conn.
6-Dec-11	21:20	21:30	0.17	1023	1033	Sliding	Sliding - (WOB:12;GPM :360;TFO:-45)
6-Dec-11	21:30	21:45	0.25	1033	1053	Drilling	Drilling - (WOB:10;GPM :360;RPM:60)
6-Dec-11	21:45	21:55	0.17	1053	1068	Sliding	Sliding - (WOB:12;GPM :360;TFO:-45)
6-Dec-11	21:55	22:05	0.17	1068	1086	Drilling	Drilling - (WOB:10;GPM :360;RPM:60)
6-Dec-11	22:05	22:20	0.25	1086	1086	Survey & Conn.	Survey & Conn.
6-Dec-11	22:20	22:25	0.08	1086	1096	Sliding	Sliding - (WOB:12;GPM :360;TFO:-10)
6-Dec-11	22:25	22:40	0.25	1096	1118	Drilling	Drilling - (WOB:10;GPM :360;RPM:60)
6-Dec-11	22:40	23:05	0.42	1118	1138	Sliding	Sliding - (WOB:12;GPM :360;TFO:-10)
6-Dec-11	23:05	23:15	0.17	1138	1150	Drilling	Drilling - (WOB:10;GPM :360;RPM:60)
6-Dec-11	23:15	23:30	0.25	1150	1150	Survey & Conn.	Survey & Conn.
6-Dec-11	23:30	23:35	0.08	1150	1165	Sliding	Sliding - (WOB:12;GPM :360;TFO:-10)
6-Dec-11	23:35	23:45	0.17	1165	1181	Drilling	Drilling - (WOB:10;GPM :360;RPM:60)
6-Dec-11	23:45	24:00	0.25	1181	1206	Sliding	Sliding - (WOB:12;GPM :360;TFO:-10)



JOB NO.:	3410-432-21	Report Time:	2400	7 of 11
Company:	Berry Petroleum CO.	API JOB #	43-013-50752	
LOCATION:	RIGHT FORK INDIAN CANYON	WORK ORDER#		
RIG NAME:	BERRY 5B	FIELD:	LAKE CANYON	
STATE:	UTAH	Township:	5S	
COUNTY:	DUCHESNE	SECT:RANGE:	21	6W
WELL NAME:	LCT 5-21D-56			

From Wednesday, December 07, 2011 at 0000 to Wednesday, December 07, 2011 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	1206.00	Rotary Hours	9.30	WOB	25	Pick UP	65	Slack Off	58	SPM	
End Depth	2255.00	Circulating Hours	1.45	RAB	60	SPP	950	FlowRate	360 - 390	120	
Total Drilled:	1049.00	Avg. Total ROP:	81.42	Mud Data							
Total Rotary Drilled:	707.00	Avg. Rotary ROP:	76.02	Type		PV	0	SOLID	0		
Total Drilled Sliding:	342.00	Avg. Slide ROP:	95.44	Weight	9.1	GAS	0	YP	0	BHT °	0
Slide Hours:	3.58	Percent Rotary:	67.40	Viscosity	36	SAND	0	PH	0	Flow T °	0
Below Rotary Hrs.	24.00	Percent Slide:	32.60	Chlorides	0	WL	0			Oil %	0

PERSONNEL				CASING			BHA
Lead Directional :	DEAN SHERMAN			Size	Lb/ft	Set Depth	BHA # 2:7 7/8 FX65M, 7/8 3.5 1.25 DEG .21 GPM, NMDC, GAP SUB, 6 1/4, 6 1/4, HWDP, XO,
Second Directional :	STEVEN WEBB			8 5/8	24	404	
MWD Operator1	BILL STEFFENSMEIER			Signature:			
MWD Operator2							
Directional Company:	GREAT WHITE						
Geologist:							
Company Man:	FRANK DOHERTY						
Incl. In:	15.6	Azm. In:	187.68	Incl. Out:	30.28	Azm. Out:	166.06

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
7-Dec-11	00:00	00:15	0.25	1206	1213	Drilling	Drilling - (WOB:10;GPM :360;RPM:60)
7-Dec-11	00:15	00:25	0.17	1213	1213	Survey & Conn.	Survey & Conn.
7-Dec-11	00:25	00:30	0.08	1213	1228	Sliding	Sliding - (WOB:12;GPM :360;TFO:-52)
7-Dec-11	00:30	00:40	0.17	1228	1245	Drilling	Drilling - (WOB:10;GPM :360;RPM:60)
7-Dec-11	00:40	00:55	0.25	1245	1265	Sliding	Sliding - (WOB:12;GPM :360;TFO:-52)
7-Dec-11	00:55	01:00	0.08	1265	1277	Drilling	Drilling - (WOB:10;GPM :360;RPM:60)
7-Dec-11	01:00	01:10	0.17	1277	1277	Survey & Conn.	Survey & Conn.
7-Dec-11	01:10	01:20	0.17	1277	1292	Sliding	Sliding - (WOB:12;GPM :360;TFO:-45)
7-Dec-11	01:20	01:40	0.33	1292	1308	Drilling	Drilling - (WOB:10;GPM :360;RPM:60)
7-Dec-11	01:40	01:50	0.17	1308	1333	Sliding	Sliding - (WOB:12;GPM :360;TFO:-45)
7-Dec-11	01:50	02:00	0.17	1333	1340	Drilling	Drilling - (WOB:10;GPM :360;RPM:60)
7-Dec-11	02:00	02:05	0.08	1340	1340	Survey & Conn.	Survey & Conn.
7-Dec-11	02:05	02:20	0.25	1340	1360	Sliding	Sliding - (WOB:12;GPM :360;TFO:-45)
7-Dec-11	02:20	02:30	0.17	1360	1372	Drilling	Drilling - (WOB:10;GPM :360;RPM:60)
7-Dec-11	02:30	02:45	0.25	1372	1397	Sliding	Sliding - (WOB:12;GPM :360;TFO:-45)
7-Dec-11	02:45	02:50	0.08	1397	1403	Drilling	Drilling - (WOB:10;GPM :360;RPM:60)
7-Dec-11	02:50	02:55	0.08	1403	1403	Survey & Conn.	Survey & Conn.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
7-Dec-11	02:55	03:10	0.25	1403	1423	Sliding	Sliding - (WOB:12;GPM :360;TFO:-45)
7-Dec-11	03:10	03:25	0.25	1423	1435	Drilling	Drilling - (WOB:10;GPM :360;RPM:60)
7-Dec-11	03:25	03:35	0.17	1435	1457	Sliding	Sliding - (WOB:12;GPM :360;TFO:-45)
7-Dec-11	03:35	03:40	0.08	1457	1467	Drilling	Drilling - (WOB:10;GPM :360;RPM:60)
7-Dec-11	03:40	03:50	0.17	1467	1467	Survey & Conn.	Survey & Conn.
7-Dec-11	03:50	04:00	0.17	1467	1487	Sliding	Sliding - (WOB:12;GPM :360;TFO:-45)
7-Dec-11	04:00	04:10	0.17	1487	1499	Drilling	Drilling - (WOB:10;GPM :360;RPM:60)
7-Dec-11	04:10	04:25	0.25	1499	1524	Sliding	Sliding - (WOB:12;GPM :360;TFO:-45)
7-Dec-11	04:25	04:30	0.08	1524	1529	Drilling	Drilling - (WOB:10;GPM :360;RPM:60)
7-Dec-11	04:30	04:35	0.08	1529	1529	Survey & Conn.	Survey & Conn.
7-Dec-11	04:35	04:45	0.17	1529	1549	Sliding	Sliding - (WOB:12;GPM :360;TFO:-45)
7-Dec-11	04:45	05:00	0.25	1549	1561	Drilling	Drilling - (WOB:10;GPM :360;RPM:60)
7-Dec-11	05:00	05:10	0.17	1561	1586	Sliding	Sliding - (WOB:12;GPM :360;TFO:-45)
7-Dec-11	05:10	05:20	0.17	1586	1593	Drilling	Drilling - (WOB:12;GPM :360;RPM:60)
7-Dec-11	05:20	05:25	0.08	1593	1593	Survey & Conn.	Survey & Conn.
7-Dec-11	05:25	05:40	0.25	1593	1624	Drilling	Drilling - (WOB:12;GPM :360;RPM:60)
7-Dec-11	05:40	05:50	0.17	1624	1644	Sliding	Sliding - (WOB:12;GPM :360;TFO:-45)
7-Dec-11	05:50	06:00	0.17	1644	1656	Drilling	Drilling - (WOB:12;GPM :360;RPM:60)
7-Dec-11	06:00	06:05	0.08	1656	1656	Survey & Conn.	Survey & Conn.
7-Dec-11	06:05	06:25	0.33	1656	1688	Drilling	Drilling - (WOB:12;GPM :360;RPM:60)
7-Dec-11	06:25	06:40	0.25	1688	1708	Sliding	Sliding - (WOB:12;GPM :360;TFO:-45)
7-Dec-11	06:40	07:05	0.42	1708	1750	Drilling	Drilling - (WOB:15;GPM :390;RPM:60)
7-Dec-11	07:05	07:15	0.17	1750	1750	Survey & Conn.	Survey & Conn.
7-Dec-11	07:15	08:05	0.83	1750	1845	Drilling	Drilling - (WOB:15;GPM :390;RPM:60)
7-Dec-11	08:05	08:15	0.17	1845	1845	Survey & Conn.	Survey & Conn.
7-Dec-11	08:15	08:25	0.17	1845	1860	Sliding	Sliding - (WOB:12;GPM :390;TFO:-45)
7-Dec-11	08:25	09:00	0.58	1860	1908	Drilling	Drilling - (WOB:15;GPM :390;RPM:60)
7-Dec-11	09:00	09:10	0.17	1908	1918	Sliding	Sliding - (WOB:12;GPM :390;TFO:-10)
7-Dec-11	09:10	09:20	0.17	1918	1939	Drilling	Drilling - (WOB:15;GPM :390;RPM:60)
7-Dec-11	09:20	09:30	0.17	1939	1939	Survey & Conn.	Survey & Conn.
7-Dec-11	09:30	11:20	1.83	1939	2034	Drilling	Drilling - (WOB:15;GPM :390;RPM:60)
7-Dec-11	11:20	11:30	0.17	2034	2034	Survey & Conn.	Survey & Conn.
7-Dec-11	11:30	12:15	0.75	2034	2034	Rig Service-Inhole	Rig Service-Inhole
7-Dec-11	12:15	12:30	0.25	2034	2034	Circulating	TRBL/SHT MM
7-Dec-11	12:30	18:20	5.83	2034	2034	POOH	POOH
7-Dec-11	18:20	18:50	0.50	2034	2034	Change BHA	Change BHA
7-Dec-11	18:50	20:15	1.42	2034	2034	TIH	TIH
7-Dec-11	20:15	20:42	0.45	2034	2034	Reaming	TIH
7-Dec-11	20:42	20:50	0.13	2034	2041	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
7-Dec-11	20:50	21:05	0.25	2041	2051	Sliding	Sliding - (WOB:12;GPM :390;TFO:-5)
7-Dec-11	21:05	21:45	0.67	2051	2129	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
7-Dec-11	21:45	21:55	0.17	2129	2129	Survey & Conn.	Survey & Conn.
7-Dec-11	21:55	23:00	1.08	2129	2192	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
7-Dec-11	23:00	23:05	0.08	2192	2192	Survey & Conn.	Survey & Conn.
7-Dec-11	23:05	23:20	0.25	2192	2207	Sliding	Sliding - (WOB:12;GPM :390;TFO:-170)
7-Dec-11	23:20	23:55	0.58	2207	2255	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
7-Dec-11	23:55	24:00	0.08	2255	2255	Survey & Conn.	Survey & Conn.



JOB NO.:	3410-432-21	Report Time:	2400	8 of 11
Company:	Berry Petroleum CO.	API JOB #	43-013-50752	
LOCATION:	RIGHT FORK INDIAN CANYON	WORK ORDER#		
RIG NAME:	BERRY 5B	FIELD:	LAKE CANYON	
STATE:	UTAH	Township:	5S	
COUNTY:	DUCHESNE	SECT/RANGE:	21	6W
WELL NAME:	LCT 5-21D-56			

From Thursday, December 08, 2011 at 0000 to Thursday, December 08, 2011 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	2255.00	Rotary Hours	14.03	WOB	18	Pick UP	108	Slack Off	66	SPM	
End Depth	3593.00	Circulating Hours	0.92	RAB	80	SPP	1600	FlowRate	390 - 390	120	
Total Drilled:	1338.00	Avg. Total ROP:	71.68	Mud Data							
Total Rotary Drilled:	1107.00	Avg. Rotary ROP:	78.88	Type		PV	6	SOLID	6		
Total Drilled Sliding:	231.00	Avg. Slide ROP:	49.86	Weight	9.7	GAS	0	YP	12	BHT°	0
Slide Hours:	4.63	Percent Rotary:	82.74	Viscosity	42	SAND	0	PH	7.5	Flow T°	85
Below Rotary Hrs.	24.00	Percent Slide:	17.26	Chlorides	400	WL	0			Oil %	0

PERSONNEL				CASING			BHA
Lead Directional :	DEAN SHERMAN			Size	Lb/ft	Set Depth	BHA # 2:7 7/8 FX65M, 7/8 3.5 1.25 DEG .21 GPM, NMDC, GAP SUB, 6 1/4, 6 1/4, HWDP, XO,
Second Directional :	STEVEN WEBB			8 5/8	24	404	
MWD Operator1	BILL STEFFENSMEIER			Signature:			
MWD Operator2							
Directional Company:	GREAT WHITE						
Geologist:							
Company Man:	FRANK DOHERTY						
Incl. In:	30.29	Azm. In:	166.06	Incl. Out:	17.09	Azm. Out:	171.6

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
8-Dec-11	00:00	00:10	0.17	2255	2265	Sliding	Sliding - (WOB:12;GPM :390;TFO:-170)
8-Dec-11	00:10	01:15	1.08	2265	2350	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
8-Dec-11	01:15	01:25	0.17	2350	2350	Survey & Conn.	Survey & Conn.
8-Dec-11	01:25	02:35	1.17	2350	2446	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
8-Dec-11	02:35	02:45	0.17	2446	2446	Survey & Conn.	Survey & Conn.
8-Dec-11	02:45	02:55	0.17	2446	2461	Sliding	Sliding - (WOB:12;GPM :390;TFO:145)
8-Dec-11	02:55	04:15	1.33	2461	2541	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
8-Dec-11	04:15	04:20	0.08	2541	2541	Survey & Conn.	Survey & Conn.
8-Dec-11	04:20	04:35	0.25	2541	2556	Sliding	Sliding - (WOB:12;GPM :390;TFO:145)
8-Dec-11	04:35	05:00	0.42	2556	2572	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
8-Dec-11	05:00	05:40	0.67	2572	2636	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
8-Dec-11	05:40	05:50	0.17	2636	2636	Survey & Conn.	Survey & Conn.
8-Dec-11	05:50	06:05	0.25	2636	2651	Sliding	Sliding - (WOB:12;GPM :390;TFO:145)
8-Dec-11	06:05	07:10	1.08	2651	2731	Drilling	Drilling - (WOB:25; :390;RPM:60)
8-Dec-11	07:10	07:20	0.17	2731	2731	Survey & Conn.	Survey & Conn.
8-Dec-11	07:20	07:35	0.25	2731	2746	Sliding	Sliding - (WOB:12; :390;TFO:50)
8-Dec-11	07:35	09:10	1.58	2746	2826	Drilling	Drilling - (WOB:25; :390;RPM:60)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
8-Dec-11	09:10	09:20	0.17	2826	2826	Survey & Conn.	Survey & Conn.
8-Dec-11	09:20	09:45	0.42	2826	2857	Drilling	Drilling - (WOB:25; :390;RPM:60)
8-Dec-11	09:45	10:00	0.25	2857	2867	Sliding	Sliding - (WOB:12; :390;TFO:60)
8-Dec-11	10:00	10:35	0.58	2867	2921	Drilling	Drilling - (WOB:25; :390;RPM:60)
8-Dec-11	10:35	10:45	0.17	2921	2921	Survey & Conn.	Survey & Conn.
8-Dec-11	10:45	10:50	0.08	2921	2936	Sliding	Sliding - (WOB:12; :390;TFO:60)
8-Dec-11	10:50	11:35	0.75	2936	2984	Drilling	Drilling - (WOB:25; :390;RPM:60)
8-Dec-11	11:35	11:45	0.17	2984	2994	Sliding	Sliding - (WOB:12; :390;TFO:90)
8-Dec-11	11:45	11:55	0.17	2994	3015	Drilling	Drilling - (WOB:25; :390;RPM:60)
8-Dec-11	11:55	12:05	0.17	3015	3015	Survey & Conn.	Survey & Conn.
8-Dec-11	12:05	12:25	0.33	3015	3047	Drilling	1Drilling - (WOB:25; :390;RPM:60)
8-Dec-11	12:25	12:30	0.08	3047	3057	Sliding	Sliding - (WOB:18; :390;TFO:90)
8-Dec-11	12:30	13:15	0.75	3057	3110	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
8-Dec-11	13:15	13:25	0.17	3110	3110	Survey & Conn.	Survey & Conn.
8-Dec-11	13:25	13:40	0.25	3110	3125	Sliding	Sliding - (WOB:18;GPM :390;TFO:70)
8-Dec-11	13:40	14:15	0.58	3125	3174	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
8-Dec-11	14:15	15:10	0.92	3174	3174	Rig Service-Inhole	Rig Service-Inhole
8-Dec-11	15:10	15:20	0.17	3174	3184	Sliding	Sliding - (WOB:18;GPM :390;TFO:65)
8-Dec-11	15:20	15:35	0.25	3184	3205	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
8-Dec-11	15:35	15:45	0.17	3205	3205	Survey & Conn.	Survey & Conn.
8-Dec-11	15:45	15:55	0.17	3205	3215	Sliding	Sliding - (WOB:18;GPM :390;TFO:40)
8-Dec-11	15:55	16:10	0.25	3215	3236	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
8-Dec-11	16:10	16:20	0.17	3236	3246	Sliding	Sliding - (WOB:18;GPM :390;TFO:30)
8-Dec-11	16:20	16:45	0.42	3246	3267	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
8-Dec-11	16:45	16:50	0.08	3267	3277	Sliding	Sliding - (WOB:18;GPM :390;TFO:35)
8-Dec-11	16:50	17:00	0.17	3277	3299	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
8-Dec-11	17:00	17:10	0.17	3299	3299	Survey & Conn.	Survey & Conn.
8-Dec-11	17:10	17:20	0.17	3299	3309	Sliding	Sliding - (WOB:18;GPM :390;TFO:20)
8-Dec-11	17:20	17:40	0.33	3309	3331	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
8-Dec-11	17:40	17:50	0.17	3331	3341	Sliding	Sliding - (WOB:18;GPM :390;TFO:10)
8-Dec-11	17:50	18:05	0.25	3341	3363	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
8-Dec-11	18:05	18:33	0.47	3363	3378	Sliding	Sliding - (WOB:18;GPM :390;TFO:10)
8-Dec-11	18:33	18:45	0.20	3378	3395	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
8-Dec-11	18:45	19:00	0.25	3395	3395	Survey & Conn.	Survey & Conn.
8-Dec-11	19:00	20:10	1.17	3395	3490	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
8-Dec-11	20:10	20:20	0.17	3490	3490	Survey & Conn.	Survey & Conn.
8-Dec-11	20:20	21:30	1.17	3490	3507	Sliding	Sliding - (WOB:18;GPM :390;TFO:10)
8-Dec-11	21:30	21:35	0.08	3507	3584	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
8-Dec-11	21:35	21:45	0.17	3584	3584	Survey & Conn.	Survey & Conn.
8-Dec-11	21:45	21:55	0.17	3584	3593	Sliding	Sliding - (WOB:18;GPM :390;TFO:10)
8-Dec-11	21:55	24:00	2.08	3593	3593	Other	Loss Circulation



JOB NO.:	3410-432-21	Report Time:	2400	9 of 11
Company:	Berry Petroleum CO.	API JOB #	43-013-50752	
LOCATION:	RIGHT FORK INDIAN CANYON	WORK ORDER#		
RIG NAME:	BERRY 5B	FIELD:	LAKE CANYON	
STATE:	UTAH	Township:	5S	
COUNTY:	DUCHESNE	SECT:RANGE:	21	6W
WELL NAME:	LCT 5-21D-56			

From Friday, December 09, 2011 at 0000 to Friday, December 09, 2011 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	3593.00	Rotary Hours	17.17	WOB	25	Pick UP	130	Slack Off	75	SPM	
End Depth	5167.00	Circulating Hours	1.08	RAB	92	SPP	1750	FlowRate	390 - 390	120	
Total Drilled:	1574.00	Avg. Total ROP:	76.47	Mud Data							
Total Rotary Drilled:	1404.00	Avg. Rotary ROP:	81.79	Type		PV	5	SOLID	5		
Total Drilled Sliding:	170.00	Avg. Slide ROP:	49.76	Weight	9.2	GAS	0	YP	11	BHT°	0
Slide Hours:	3.42	Percent Rotary:	89.20	Viscosity	36	SAND	1	PH	7	Flow T°	90
Below Rotary Hrs.	24.00	Percent Slide:	10.80	Chlorides	300	WL	0			Oil %	0

PERSONNEL				CASING			BHA
Lead Directional :	DEAN SHERMAN			Size	Lb/ft	Set Depth	BHA # 2:7 7/8 FX65M, 7/8 3.5 1.25 DEG .21 GPM, NMDC, GAP SUB, 6 1/4, 6 1/4, HWDP, XO,
Second Directional :	STEVEN WEBB			8 5/8	24	404	
MWD Operator1	BILL STEFFENSMEIER			Signature:			
MWD Operator2							
Directional Company:	GREAT WHITE						
Geologist:							
Company Man:	FRANK DOHERTY						
Incl. In:	17.09	Azm. In:	171.6	Incl. Out:	3.91	Azm. Out:	178.01

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
9-Dec-11	00:00	01:50	1.83	3593	3679	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
9-Dec-11	01:50	02:00	0.17	3679	3679	Survey & Conn.	Survey & Conn.
9-Dec-11	02:00	03:20	1.33	3679	3774	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
9-Dec-11	03:20	03:30	0.17	3774	3774	Survey & Conn.	Survey & Conn.
9-Dec-11	03:30	04:25	0.92	3774	3868	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
9-Dec-11	04:25	04:35	0.17	3868	3868	Survey & Conn.	Survey & Conn.
9-Dec-11	04:35	05:00	0.42	3868	3888	Sliding	Sliding - (WOB:18;GPM :390;TFO:10)
9-Dec-11	05:00	05:50	0.83	3888	3963	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
9-Dec-11	05:50	06:00	0.17	3963	3963	Survey & Conn.	Survey & Conn.
9-Dec-11	06:00	06:15	0.25	3963	3978	Sliding	Sliding - (WOB:18;GPM :390;TFO:10)
9-Dec-11	06:15	07:10	0.92	3978	4058	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
9-Dec-11	07:10	07:20	0.17	4058	4058	Survey & Conn.	Survey & Conn.
9-Dec-11	07:20	07:30	0.17	4058	4068	Sliding	Sliding - (WOB:18;GPM :390;TFO:45)
9-Dec-11	07:30	07:50	0.33	4068	4090	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
9-Dec-11	07:50	08:00	0.17	4090	4100	Sliding	Sliding - (WOB:18;GPM :390;TFO:30)
9-Dec-11	08:00	08:25	0.42	4100	4154	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
9-Dec-11	08:25	08:35	0.17	4154	4154	Survey & Conn.	Survey & Conn.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
9-Dec-11	08:35	08:50	0.25	4154	4169	Sliding	Sliding - (WOB:18;GPM :390;TFO:30)
9-Dec-11	08:50	09:05	0.25	4169	4185	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
9-Dec-11	09:05	09:15	0.17	4185	4195	Sliding	Sliding - (WOB:18;GPM :390;TFO:10)
9-Dec-11	09:15	09:50	0.58	4195	4248	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
9-Dec-11	09:50	10:00	0.17	4248	4248	Survey & Conn.	Survey & Conn.
9-Dec-11	10:00	10:15	0.25	4248	4258	Sliding	Sliding - (WOB:18;GPM :390;TFO:0)
9-Dec-11	10:15	10:30	0.25	4258	4279	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
9-Dec-11	10:30	10:45	0.25	4279	4289	Sliding	Sliding - (WOB:18;GPM :390;TFO:0)
9-Dec-11	10:45	11:05	0.33	4289	4311	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
9-Dec-11	11:05	11:15	0.17	4311	4321	Sliding	Sliding - (WOB:18;GPM :390;TFO:0)
9-Dec-11	11:15	11:25	0.17	4321	4343	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
9-Dec-11	11:25	11:35	0.17	4343	4343	Survey & Conn.	Survey & Conn.
9-Dec-11	11:35	11:45	0.17	4343	4353	Sliding	Sliding - (WOB:18;GPM :390;TFO:0)
9-Dec-11	11:45	12:00	0.25	4353	4375	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
9-Dec-11	12:00	12:15	0.25	4375	4385	Sliding	Sliding - (WOB:18;GPM :390;TFO:0)
9-Dec-11	12:15	12:30	0.25	4385	4406	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
9-Dec-11	12:30	12:45	0.25	4406	4416	Sliding	Sliding - (WOB:18;GPM :390;TFO:0)
9-Dec-11	12:45	12:55	0.17	4416	4438	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
9-Dec-11	12:55	13:05	0.17	4438	4438	Survey & Conn.	Survey & Conn.
9-Dec-11	13:05	13:15	0.17	4438	4448	Sliding	Sliding - (WOB:18;GPM :390;TFO:0)
9-Dec-11	13:15	13:30	0.25	4448	4470	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
9-Dec-11	13:30	13:45	0.25	4470	4480	Sliding	Sliding - (WOB:18;GPM :390;TFO:20)
9-Dec-11	13:45	14:05	0.33	4480	4502	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
9-Dec-11	14:05	14:20	0.25	4502	4512	Sliding	Sliding - (WOB:18;GPM :390;TFO:20)
9-Dec-11	14:20	14:35	0.25	4512	4533	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
9-Dec-11	14:35	14:45	0.17	4533	4533	Survey & Conn.	Survey & Conn.
9-Dec-11	14:45	15:00	0.25	4533	4565	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
9-Dec-11	15:00	16:05	1.08	4565	4565	Rig Service-Inhole	Rig Service-Inhole
9-Dec-11	16:05	16:35	0.50	4565	4628	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
9-Dec-11	16:35	16:45	0.17	4628	4628	Survey & Conn.	Survey & Conn.
9-Dec-11	16:45	17:30	0.75	4628	4724	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
9-Dec-11	17:30	17:40	0.17	4724	4724	Survey & Conn.	Survey & Conn.
9-Dec-11	17:40	19:00	1.33	4724	4819	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
9-Dec-11	19:00	19:05	0.08	4819	4819	Survey & Conn.	Survey & Conn.
9-Dec-11	19:05	20:10	1.08	4819	4914	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
9-Dec-11	20:10	20:15	0.08	4914	4914	Survey & Conn.	Survey & Conn.
9-Dec-11	20:15	21:40	1.42	4914	5009	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
9-Dec-11	21:40	21:45	0.08	5009	5009	Survey & Conn.	Survey & Conn.
9-Dec-11	21:45	22:55	1.17	5009	5104	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
9-Dec-11	22:55	23:00	0.08	5104	5104	Survey & Conn.	Survey & Conn.
9-Dec-11	23:00	24:00	1.00	5104	5167	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)



JOB NO.:	3410-432-21	Report Time:	2400	10 of 11
Company:	Berry Petroleum CO.	API JOB #	43-013-50752	
LOCATION:	RIGHT FORK INDIAN CANYON	WORK ORDER#		
RIG NAME:	BERRY 5B	FIELD:	LAKE CANYON	
STATE:	UTAH	Township:	5S	
COUNTY:	DUCHESNE	SECT:RANGE:	21	6W
WELL NAME:	LCT 5-21D-56			

From Saturday, December 10, 2011 at 0000 to Saturday, December 10, 2011 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	5167.00	Rotary Hours	11.83	WOB	0	Pick UP	160	Slack Off	85	SPM	
End Depth	6366.00	Circulating Hours	3.92	RAB	115	SPP	1950	FlowRate	390 - 400	125	
Total Drilled:	1199.00	Avg. Total ROP:	101.32	Mud Data							
Total Rotary Drilled:	1199.00	Avg. Rotary ROP:	101.32	Type		PV	5	SOLID	5		
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	9.2	GAS	0	YP	11	BHT°	0
Slide Hours:	0.00	Percent Rotary:	100.00	Viscosity	36	SAND	1	PH	7	Flow T°	90
Below Rotary Hrs.	23.50	Percent Slide:	.00	Chlorides	300	WL	0			Oil %	0

PERSONNEL				CASING			BHA	
Lead Directional :	DEAN SHERMAN			Size	Lb/ft	Set Depth	BHA # 3	
Second Directional :	STEVEN WEBB			8 5/8	24	404		
MWD Operator1	BILL STEFFENSMEIER			Signature:				
MWD Operator2								
Directional Company:	GREAT WHITE							
Geologist:								
Company Man:	FRANK DOHERTY							
Incl. In:	3.91	Azm. In:	178.01	Incl. Out:	0	Azm. Out:	0	

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
10-Dec-11	00:00	00:20	0.33	5167	5199	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
10-Dec-11	00:20	00:25	0.08	5199	5199	Survey & Conn.	Survey & Conn.
10-Dec-11	00:25	01:35	1.17	5199	5293	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
10-Dec-11	01:35	01:40	0.08	5293	5293	Survey & Conn.	Survey & Conn.
10-Dec-11	01:40	02:45	1.08	5293	5387	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
10-Dec-11	02:45	02:50	0.08	5387	5387	Survey & Conn.	Survey & Conn.
10-Dec-11	02:50	03:55	1.08	5387	5482	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
10-Dec-11	03:55	04:00	0.08	5482	5482	Survey & Conn.	Survey & Conn.
10-Dec-11	04:00	04:55	0.92	5482	5577	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
10-Dec-11	04:55	05:00	0.08	5577	5577	Survey & Conn.	Survey & Conn.
10-Dec-11	05:00	06:00	1.00	5577	5671	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
10-Dec-11	06:00	06:10	0.17	5671	5671	Survey & Conn.	Survey & Conn.
10-Dec-11	06:10	07:10	1.00	5671	5767	Drilling	Drilling - (WOB:25;GPM :390;RPM:60)
10-Dec-11	07:10	07:20	0.17	5767	5767	Survey & Conn.	Survey & Conn.
10-Dec-11	07:20	07:35	0.25	5767	5798	Drilling	Drilling - (WOB:25;GPM :400;RPM:60)
10-Dec-11	07:35	08:05	0.50	5798	5798	Other	WORK ON PMP
10-Dec-11	08:05	08:35	0.50	5798	5861	Drilling	Drilling - (WOB:25;GPM :400;RPM:60)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
10-Dec-11	08:35	08:45	0.17	5861	5861	Survey & Conn.	Survey & Conn.
10-Dec-11	08:45	09:45	1.00	5861	5956	Drilling	Drilling - (WOB:25;GPM :400;RPM:60)
10-Dec-11	09:45	09:55	0.17	5956	5956	Survey & Conn.	Survey & Conn.
10-Dec-11	09:55	10:50	0.92	5956	6051	Drilling	Drilling - (WOB:25; :400;RPM:60)
10-Dec-11	10:50	11:00	0.17	6051	6051	Survey & Conn.	Survey & Conn.
10-Dec-11	11:00	11:50	0.83	6051	6145	Drilling	Drilling - (WOB:25; :400;RPM:60)
10-Dec-11	11:50	12:00	0.17	6145	6145	Survey & Conn.	Survey & Conn.
10-Dec-11	12:00	12:15	0.25	6145	6177	Drilling	Drilling - (WOB:25; :400;RPM:60)
10-Dec-11	12:15	13:20	1.08	6177	6177	Rig Service-Inhole	Rig Service-Inhole
10-Dec-11	13:20	13:50	0.50	6177	6239	Drilling	Drilling - (WOB:25; :400;RPM:60)
10-Dec-11	13:50	14:00	0.17	6239	6239	Survey & Conn.	Survey & Conn.
10-Dec-11	14:00	14:45	0.75	6239	6335	Drilling	Drilling - (WOB:25; :400;RPM:60)
10-Dec-11	14:45	14:55	0.17	6335	6335	Survey & Conn.	Survey & Conn.
10-Dec-11	14:55	15:10	0.25	6335	6366	Drilling	Drilling - (WOB:25; :400;RPM:60)
10-Dec-11	15:10	15:15	0.08	6366	6366	MWD Survey	TD MWD Survey
10-Dec-11	15:15	18:00	2.75	6366	6366	Circulating	Circulating/COND MUD
10-Dec-11	18:00	22:30	4.50	6366	6366	POOH	POOH
10-Dec-11	22:30	23:30	1.00	6366	6366	Change BHA	LAY DOWN TOOLS
10-Dec-11	23:30	24:00	0.50	6366	6366	Standby	Standby

Archer

**BHA's & Slide/Rotate
Reports**

Well Information

BHA # 1

Archer

JOB NO.: 3410-432-21 **FIELD:** LAKE CANYON
Company: Berry Petroleum CO. **Township:** 5S
LOCATION: RIGHT FORK INDIAN CANYON **SECT. RANGE:** 21 6W
RIG NAME: BERRY 5B **Lead DD:** DEAN SHERMAN
STATE: UTAH **Co. Man:** FRANK DOHERTY
COUNTY: DUCHESNE **BHA TYPE:** Steerable Assembly
WELL NAME: LCT 5-21D-56

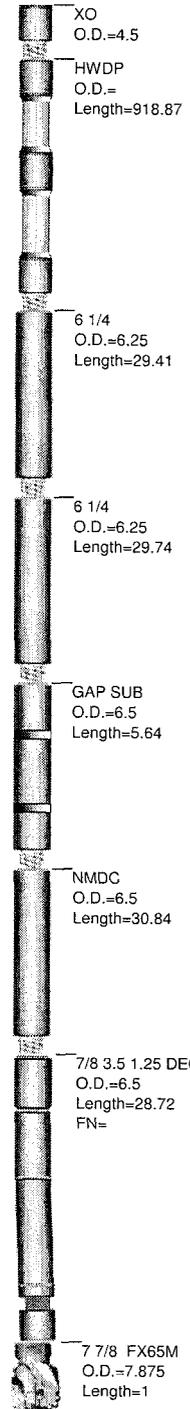
BHA Summary Information

TIME IN - OUT		Rotary Hours	13.75	Start Depth	318.00	RPM	Flow
Start Time	End Time	Circ Hrs Tot/Only	22.00 / 1.83	End Depth	2034.00	Range	Rate
06-Dec-11 @ 10:00	07-Dec-11 @ 18:50	Slide Hours	6.42	Percent Rotary:	65.09	0 -60	0 -390
		Below Rotary Hrs.	32.83	Percent Slide:	34.91		
Total Drilled:		1716.00	Avg. Total ROP:	85.09	Incl.	Azimuth	
Total Rotary Drilled:		1117.00	Avg. Rotary ROP:	81.24	IN	OUT	IN OUT
Total Drilled Sliding:		599.00	Avg. Slide ROP:	93.35	.0	31.3	.00 166.76
SPP	0 -950	Weights	SO 0 -58	PU 0 -65	RAB 0 -60	Reason POOH	

Bit Data				MOTOR DATA				Mud Data				
SECURIT	7 7/8 FX65M			6 1/2 7/8 3.5				Type				
Type Bit		PDC		Model: 7/8 3.5		Pad OD		WT 9.1	GAS 0	Solids 0		
TFA	1.178				MFG. GREAT WHITE		6 13/16	Vis 36	SAND 0	T ° 0		
JETS		16	16	16	16	Bend ° 1.25	Stator/Rotor 7/8	PV 0	PH 0	Chlor 0		
		16	0	0	0	Bit to Bend 5.69	Motor Diff	YP 0	WL 0	Oil % 0		
Bit Coding		IADC# 414		Rev/GAL 0.21				 BHT° 0				
IR	OR	DL	Loc	BS	G	ODL	NB Stab 0	PUMPS		PUMP1	PUMP1	
0	0						Rotor Jet 0	NAME				
Bit Drop:		92 PSI @ 390 GPM		Sensor Offsets				Model				
								Type				
Comments		Sensor 50	Sonic 0					Liner		.00	.00	
		Gamma 0	DNCS 0					Stroke		.00	.00	
		Restiv 0	GYRO 0					Efficiency		.00	.00	

BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	7 7/8 FX65M	11620137		7.875	1.00	1.00	4 1/2 REGP
2	7/8 3.5 1.25 DEG .21 GPM	650228		6.5	28.72	29.72	4 1/2 XHB
3	NMDC	65226	2.812	6.5	30.84	60.56	4 1/2 XHB
4	GAP SUB	014		6.5	5.64	66.20	4 1/2 XHB
5	6 1/4	RIG	2.25	6.25	29.74	95.94	4 1/2 XHB
6	6 1/4	RIG DC	2.25	6.25	29.41	125.35	4 1/2 XHB
7	HWDP	RIG	2.875		918.87	1044.22	4 1/2 XHB
8	XO	BERRY	2.71	4.5	2.61	1046.83	4 1/2 FHB



Well Information

BHA # 2

Archer

JOB NO.: 3410-432-21 **FIELD:** LAKE CANYON
Company: Berry Petroleum CO. **Township:** 5S
LOCATION: RIGHT FORK INDIAN CANYON **SECT. RANGE:** 21 6W
RIG NAME: BERRY 5B **Lead DD:** DEAN SHERMAN
STATE: UTAH **Co. Man:** FRANK DOHERTY
COUNTY: DUCHESNE **BHA TYPE:** Steerable Assembly
WELL NAME: LCT 5-21D-56

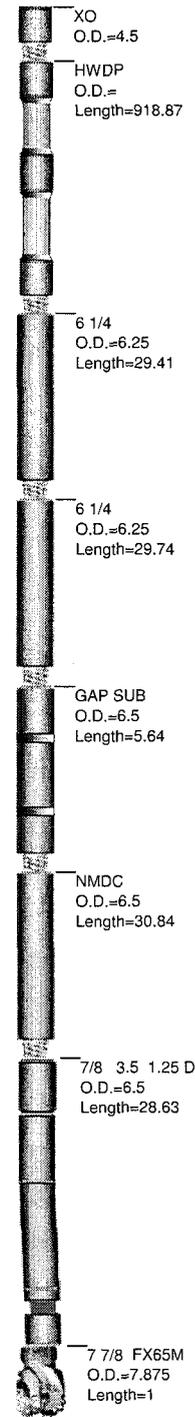
BHA Summary Information

TIME IN - OUT		Rotary Hours	45.50	Start Depth	2034.00	RPM	Flow Rate
Start Time	End Time	Circ Hrs Tot/Only	60.42 / 6.37	End Depth	6366.00	Range	
07-Dec-11 @ 18:50	10-Dec-11 @ 23:30	Slide Hours	8.55	Percent Rotary:	90.17	0 -60	390 -400
		Below Rotary Hrs.	76.67	Percent Slide:	9.83		
Total Drilled:		4332.00	Avg. Total ROP:	80.15	Incl. Azimuth		
Total Rotary Drilled:		3906.00	Avg. Rotary ROP:	85.85	IN	OUT	IN OUT
Total Drilled Sliding:		426.00	Avg. Slide ROP:	49.82	31.3	1.8	166.76 211.94
SPP	950 -1950	Weights	SO 58 -85	PU 65 -160	RAB 60 -115	Reason POOH	

Bit Data				MOTOR DATA				Mud Data			
HALLIBUR 7 7/8 FX65M				6 1/2 7/8 3.5				Type			
Type Bit		PDC		Model: 7/8 3.5 .21		Pad OD		WT 9.2 GAS 0 Solids 5			
TFA		1.178		MFG. Great White		7.20		Vis 36 SAND 1 T ° 90			
JETS		16	16	16	16	16		PV 5 PH 7 Chlor 300			
		16	0	0	0	0		YP 11 WL 0 Oil % 0			
Bit Coding		IADC#		Rev/GAL 0.21		BHT° 0					
IR	OR	DL	Loc	BS	G	ODL	PUMPS		PUMP1	PUMP1	
0	0						NAME				
Bit Drop:		98 PSI @ 400 GPM		Sensor Offsets		Type		Liner		.00	.00
Comments		Sensor	0	Sonic	0	Stroke		.00	.00		
		Gamma	0	DNSC	2034	Efficiency		.00	.00		
		Restiv	0	GYRO	0			.00	.00		

BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	7 7/8 FX65M	11620137		7.875	1.00	1.00	4 1/2 REGP
2	7/8 3.5 1.25 DEG .21 GPM	650405		6.5	28.63	29.63	4 1/2 XHB
3	NMDC	65226	2.812	6.5	30.84	60.47	4 1/2 XHB
4	GAP SUB	014		6.5	5.64	66.11	4 1/2 XHB
5	6 1/4	RIG	2.25	6.25	29.74	95.85	4 1/2 XHB
6	6 1/4	RIG DC	2.25	6.25	29.41	125.26	4 1/2 XHB
7	HWDP	RIG	2.875		918.87	1044.13	4 1/2 XHB
8	XO	BERRY	2.71	4.5	2.61	1046.74	4 1/2 FHB





JOB NO.: 3410-432-21
 Company: Berry Petroleum CO.
 LOCATION: RIGHT FORK INDIAN CANYON
 RIG NAME: BERRY 5B
 STATE: UTAH
 COUNTY: Country
 WELL NAME: LCT 5-21D-56

FIELD: LAKE CANYON
 Township: 5S
 Range: 6W

MOTOR INFORMATION	
Desc: 6 1/2 7/8 3.5	
Bent Hsg/Sub: $\frac{1.2}{5}$ / 0	Bit to Bend: 5.69
Pad OD: 6 13/16	NB Stab:

Slide Report for BHA # 1

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
1	6-Dec	Drilling	11:30	14:10	2.67	318	515	197	6	73.9	60	0	325	400		0.00	0.00	0.00	
1	6-Dec	Sliding	14:10	14:20	0.17	515	532	17	10	102.0	0	0	325	400	170M	0.00	0.00	0.00	
1	6-Dec	Drilling	14:25	14:45	0.33	532	562	30	6	90.0	60	0	325	400		1.07	185.40	0.23	
1	6-Dec	Sliding	14:45	15:00	0.25	562	577	15	10	60.0	60	0	325	400	165	1.07	185.40	0.23	
1	6-Dec	Drilling	15:00	15:05	0.08	577	593	16	8	192.0	60	0	360	500		1.07	185.40	0.23	
1	6-Dec	Sliding	15:15	15:25	0.17	593	608	15	10	90.0	0	0	360	500	170	2.64	177.57	2.01	
1	6-Dec	Drilling	15:25	15:40	0.25	608	624	16	10	64.0	60	0	360	600		2.64	177.57	2.01	
1	6-Dec	Sliding	15:40	15:45	0.08	624	639	15	10	180.0	60	0	360	600	175	2.64	177.57	2.01	
1	6-Dec	Drilling	15:45	15:55	0.17	639	654	15	10	90.0	60	0	360	600		2.64	177.57	2.01	
1	6-Dec	Sliding	16:05	16:10	0.08	654	666	12	10	144.0	0	0	360	750	175	4.75	176.52	3.46	
1	6-Dec	Drilling	16:10	16:20	0.17	666	685	19	10	114.0	60	0	360	750		4.75	176.52	3.46	
1	6-Dec	Sliding	16:40	16:45	0.08	685	700	15	10	180.0	0	0	360	750	15	4.75	176.52	3.46	
1	6-Dec	Drilling	16:45	16:55	0.17	700	716	16	10	96.0	60	0	360	750		4.75	176.52	3.46	
1	6-Dec	Sliding	17:05	17:10	0.08	716	726	10	10	120.0	0	0	360	750	10	6.94	181.97	3.64	
1	6-Dec	Drilling	17:10	17:30	0.33	726	746	20	10	60.0	60	0	360	800		6.94	181.97	3.64	
1	6-Dec	Sliding	17:30	17:40	0.17	746	758	12	12	72.0	60	0	360	850	5	6.94	181.97	3.64	
1	6-Dec	Drilling	17:40	17:45	0.08	758	777	19	10	228.0	60	0	360	850		6.94	181.97	3.64	
1	6-Dec	Drilling	17:55	18:15	0.33	777	808	31	10	93.0	60	0	360	850		8.48	189.79	3.05	
1	6-Dec	Sliding	18:15	18:35	0.33	808	826	18	12	54.0	60	0	360	850	-45	8.48	189.79	3.05	
1	6-Dec	Drilling	18:35	18:45	0.17	826	838	12	10	72.0	60	0	360	850		8.48	189.79	3.05	
1	6-Dec	Drilling	18:50	19:05	0.25	838	869	31	10	124.0	60	0	360	850		9.36	192.69	3.05	
1	6-Dec	Sliding	19:05	19:15	0.17	869	884	15	12	90.0	60	0	360	850	-45	9.36	192.69	3.05	
1	6-Dec	Drilling	19:15	19:25	0.17	884	900	16	10	96.0	60	0	360	850		9.36	192.69	3.05	
1	6-Dec	Drilling	19:40	19:55	0.25	900	931	31	10	124.0	60	0	360	850		10.55	188.38	2.26	
1	6-Dec	Sliding	19:55	20:10	0.25	931	949	18	12	72.0	60	0	360	850	-45	10.55	188.38	2.26	
1	6-Dec	Drilling	20:10	20:15	0.08	949	961	12	10	144.0	60	0	360	850		10.55	188.38	2.26	

Slide Report for BHA # 1

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
1	6-Dec	Sliding	20:25	20:30	0.08	961	971	10	12	120.0	60	0	360	850	-45	11.25	189.70	2.26	
1	6-Dec	Drilling	20:30	20:45	0.25	971	992	21	10	84.0	60	0	360	850		11.25	189.70	2.26	
1	6-Dec	Sliding	20:45	21:00	0.25	992	1007	15	12	60.0	60	0	360	850	-45	11.25	189.70	2.26	
1	6-Dec	Drilling	21:00	21:10	0.17	1007	1023	16	10	96.0	60	0	360	850		11.25	189.70	2.26	
1	6-Dec	Sliding	21:20	21:30	0.17	1023	1033	10	12	60.0	60	0	360	850	-45	11.25	189.70	2.26	
1	6-Dec	Drilling	21:30	21:45	0.25	1033	1053	20	10	80.0	60	0	360	850		11.25	189.70	2.26	
1	6-Dec	Sliding	21:45	21:55	0.17	1053	1068	15	12	90.0	60	0	360	850	-10	11.25	189.70	2.26	
1	6-Dec	Drilling	21:55	22:05	0.17	1068	1086	18	10	108.0	60	0	360	850		11.25	189.70	2.26	
1	6-Dec	Sliding	22:20	22:25	0.08	1086	1096	10	12	120.0	60	0	360	850	-10	11.25	189.70	2.26	
1	6-Dec	Drilling	22:25	22:40	0.25	1096	1118	22	10	88.0	60	0	360	850		11.25	189.70	2.26	
1	6-Dec	Sliding	22:40	23:05	0.42	1118	1138	20	12	48.0	60	0	360	850	-10	11.25	189.70	2.26	
1	6-Dec	Drilling	23:05	23:15	0.17	1138	1150	12	10	72.0	60	0	360	850		11.25	189.70	2.26	
1	6-Dec	Sliding	23:30	23:35	0.08	1150	1165	15	12	180.0	60	0	360	850	-45	11.25	189.70	2.26	
1	6-Dec	Drilling	23:35	23:45	0.17	1165	1181	16	10	96.0	60	0	360	850		11.25	189.70	2.26	
1	6-Dec	Sliding	23:45	24:00	0.25	1181	1206	25	12	100.0	60	0	360	850	-52	11.25	189.70	2.26	
1	7-Dec	Drilling	00:00	00:15	0.25	1206	1213	7	10	28.0	60	0	360	850		11.25	189.70	2.26	
1	7-Dec	Sliding	00:25	00:30	0.08	1213	1228	15	12	180.0	60	0	360	850	-52	11.25	189.70	2.26	
1	7-Dec	Drilling	00:30	00:40	0.17	1228	1245	17	10	102.0	60	0	360	850		11.25	189.70	2.26	
1	7-Dec	Sliding	00:40	00:55	0.25	1245	1265	20	12	80.0	60	0	360	850	-45	11.25	189.70	2.26	
1	7-Dec	Drilling	00:55	01:00	0.08	1265	1277	12	10	144.0	60	0	360	850		11.25	189.70	2.26	
1	7-Dec	Sliding	01:10	01:20	0.17	1277	1292	15	12	90.0	60	0	360	850	-45	11.25	189.70	2.26	
1	7-Dec	Drilling	01:20	01:40	0.33	1292	1308	16	10	48.0	60	0	360	850		11.25	189.70	2.26	
1	7-Dec	Sliding	01:40	01:50	0.17	1308	1333	25	12	150.0	60	0	360	850	-45	11.25	189.70	2.26	
1	7-Dec	Drilling	01:50	02:00	0.17	1333	1340	7	10	42.0	60	0	360	850		11.25	189.70	2.26	
1	7-Dec	Sliding	02:05	02:20	0.25	1340	1360	20	12	80.0	60	0	360	850	-45	11.25	189.70	2.26	
1	7-Dec	Drilling	02:20	02:30	0.17	1360	1372	12	10	72.0	60	0	360	850		11.25	189.70	2.26	
1	7-Dec	Sliding	02:30	02:45	0.25	1372	1397	25	12	100.0	60	0	360	850	-45	11.25	189.70	2.26	
1	7-Dec	Drilling	02:45	02:50	0.08	1397	1403	6	10	72.0	60	0	360	850		11.25	189.70	2.26	
1	7-Dec	Sliding	02:55	03:10	0.25	1403	1423	20	12	80.0	60	0	360	850	-45	11.25	189.70	2.26	
1	7-Dec	Drilling	03:10	03:25	0.25	1423	1435	12	10	48.0	60	0	360	850		11.25	189.70	2.26	
1	7-Dec	Sliding	03:25	03:35	0.17	1435	1457	22	12	132.0	60	0	360	850	-45	11.25	189.70	2.26	
1	7-Dec	Drilling	03:35	03:40	0.08	1457	1467	10	10	120.0	60	0	360	850		11.25	189.70	2.26	
1	7-Dec	Sliding	03:50	04:00	0.17	1467	1487	20	12	120.0	60	0	360	850	-45	11.25	189.70	2.26	
1	7-Dec	Drilling	04:00	04:10	0.17	1487	1499	12	10	72.0	60	0	360	850		11.25	189.70	2.26	
1	7-Dec	Sliding	04:10	04:25	0.25	1499	1524	25	12	100.0	60	0	360	850	-45	11.25	189.70	2.26	

Slide Report for BHA # 1

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
1	7-Dec	Drilling	04:25	04:30	0.08	1524	1529	5	10	60.0	60	0	360	850		11.25	189.70	2.26	
1	7-Dec	Sliding	04:35	04:45	0.17	1529	1549	20	12	120.0	60	0	360	850	-45	11.25	189.70	2.26	
1	7-Dec	Drilling	04:45	05:00	0.25	1549	1561	12	12	48.0	60	0	360	850	-45	11.25	189.70	2.26	
1	7-Dec	Sliding	05:00	05:10	0.17	1561	1586	25	12	150.0	60	0	360	850	-45	11.25	189.70	2.26	
1	7-Dec	Drilling	05:10	05:20	0.17	1586	1593	7	12	42.0	60	0	360	850		11.25	189.70	2.26	
1	7-Dec	Drilling	05:25	05:40	0.25	1593	1624	31	12	124.0	60	0	360	850		11.25	189.70	2.26	
1	7-Dec	Sliding	05:40	05:50	0.17	1624	1644	20	12	120.0	60	0	360	850	-45	11.25	189.70	2.26	
1	7-Dec	Drilling	05:50	06:00	0.17	1644	1656	12	12	72.0	60	0	360	850		11.25	189.70	2.26	
1	7-Dec	Drilling	06:05	06:25	0.33	1656	1688	32	15	96.0	60	0	390	900		11.25	189.70	2.26	
1	7-Dec	Sliding	06:25	06:40	0.25	1688	1708	20	12	80.0	0	0	390	900	-45	11.25	189.70	2.26	
1	7-Dec	Drilling	06:40	07:05	0.42	1708	1750	42	15	100.8	60	0	390	900		11.25	189.70	2.26	
1	7-Dec	Drilling	07:15	08:05	0.83	1750	1845	95	15	114.0	60	0	390	900		30.63	166.67	2.04	
1	7-Dec	Sliding	08:15	08:25	0.17	1845	1860	15	12	90.0	0	0	390	900	-10	29.58	166.59	1.11	
1	7-Dec	Drilling	08:25	09:00	0.58	1860	1908	48	15	82.3	60	0	390	900		29.58	166.59	1.11	
1	7-Dec	Sliding	09:00	09:10	0.17	1908	1918	10	12	60.0	0	0	390	900	-5	29.58	166.59	1.11	
1	7-Dec	Drilling	09:10	09:20	0.17	1918	1939	21	15	126.0	60	0	390	900		30.06	165.88	0.63	
1	7-Dec	Drilling	09:30	11:20	1.83	1939	2034	95	25	51.8	60	0	390	950		30.06	165.88	0.63	

Total Drilled:	1716	Avg. Total ROP:	85.09	DEPTH% - TIME %	
Total Rotary Drilled:	1117	Avg. Rotary ROP:	81.24	Percent Rotary:	65.09 - 68.18
Total Drilled Sliding:	599	Avg. Slide ROP:	93.35	Percent Slide:	34.91 - 31.82



JOB NO.: 3410-432-21
 Company: Berry Petroleum CO.
 LOCATION: RIGHT FORK INDIAN CANYON
 RIG NAME: BERRY 5B
 STATE: UTAH
 COUNTY: Country
 WELL NAME: LCT 5-21D-56

FIELD: LAKE CANYON
 Township: 5S
 Range: 6W

MOTOR INFORMATION

Desc: 6 1/2 7/8 3.5
 Bent Hsg/Sub: 1.2 / 0 Bit to Bend: 5.83
 Pad OD: 7.20 NB Stab:

Slide Report for BHA # 2

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
2	7-Dec	Drilling	20:42	20:50	0.13	2034	2041	7	25	52.5	60	0	390	950		31.29	166.76	1.38	
2	7-Dec	Sliding	20:50	21:05	0.25	2041	2051	10	12	40.0	60	0	390	950	-170	31.29	166.76	1.38	
2	7-Dec	Drilling	21:05	21:45	0.67	2051	2129	78	25	117.0	60	0	390	950		31.29	166.76	1.38	
2	7-Dec	Drilling	21:55	23:00	1.08	2129	2192	63	25	58.2	60	0	390	950		31.29	166.76	1.38	
2	7-Dec	Sliding	23:05	23:20	0.25	2192	2207	15	12	60.0	60	0	390	950	-170	31.29	166.76	1.38	
2	7-Dec	Drilling	23:20	23:55	0.58	2207	2255	48	25	82.3	60	0	390	950		31.29	166.76	1.38	
2	8-Dec	Sliding	00:00	00:10	0.17	2255	2265	10	12	60.0	60	0	390	950	145	31.29	166.76	1.38	
2	8-Dec	Drilling	00:10	01:15	1.08	2265	2350	85	25	78.5	60	0	390	950		31.29	166.76	1.38	
2	8-Dec	Drilling	01:25	02:35	1.17	2350	2446	96	25	82.3	60	0	390	950		31.29	166.76	1.38	
2	8-Dec	Sliding	02:45	02:55	0.17	2446	2461	15	12	90.0	60	0	390	950	145	31.29	166.76	1.38	
2	8-Dec	Drilling	02:55	04:15	1.33	2461	2541	80	25	60.0	60	0	390	950		31.29	166.76	1.38	
2	8-Dec	Sliding	04:20	04:35	0.25	2541	2556	15	12	60.0	60	0	390	950	145	31.29	166.76	1.38	
2	8-Dec	Drilling	04:35	05:00	0.42	2556	2572	16	12	38.4	60	0	390	950	145	31.29	166.76	1.38	
2	8-Dec	Drilling	05:00	05:40	0.67	2572	2636	64	25	96.0	60	0	390	950		31.29	166.76	1.38	
2	8-Dec	Sliding	05:50	06:05	0.25	2636	2651	15	12	60.0	0	0	390	1600	50	31.29	166.76	1.38	
2	8-Dec	Drilling	06:05	07:10	1.08	2651	2731	80	25	73.8	60	0	390	1600		31.29	166.76	1.38	
2	8-Dec	Sliding	07:20	07:35	0.25	2731	2746	15	12	60.0	0	0	390	1600	60	28.39	168.43	0.19	
2	8-Dec	Drilling	07:35	09:10	1.58	2746	2826	80	25	50.5	60	0	390	1600		28.39	168.43	0.19	
2	8-Dec	Drilling	09:20	09:45	0.42	2826	2857	31	25	74.4	60	0	390	1600		27.77	169.22	0.76	
2	8-Dec	Sliding	09:45	10:00	0.25	2857	2867	10	12	40.0	0	0	390	1600	60	27.77	169.22	0.76	
2	8-Dec	Drilling	10:00	10:35	0.58	2867	2921	54	25	92.6	60	0	390	1600		27.77	169.22	0.76	
2	8-Dec	Sliding	10:45	10:50	0.08	2921	2936	15	12	180.0	0	0	390	1600	90	27.42	168.70	0.45	
2	8-Dec	Drilling	10:50	11:35	0.75	2936	2984	48	25	64.0	60	0	390	1600		27.42	168.70	0.45	
2	8-Dec	Sliding	11:35	11:45	0.17	2984	2994	10	18	60.0	0	0	390	1600	90	27.42	168.70	0.45	
2	8-Dec	Drilling	11:45	11:55	0.17	2994	3015	21	25	126.0	60	0	390	1600		27.42	168.70	0.45	
2	8-Dec	Drilling	12:05	12:25	0.33	3015	3047	32	25	96.0	60	0	390	1600		25.78	169.31	1.77	

Slide Report for BHA # 2

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
2	8-Dec	Sliding	12:25	12:30	0.08	3047	3057	10	18	120.0	0	0	390	1600	70	25.78	169.31	1.77	
2	8-Dec	Drilling	12:30	13:15	0.75	3057	3110	53	25	70.7	60	0	390	1600		25.78	169.31	1.77	
2	8-Dec	Sliding	13:25	13:40	0.25	3110	3125	15	18	60.0	0	0	390	1600	65	23.79	169.66	1.89	
2	8-Dec	Drilling	13:40	14:15	0.58	3125	3174	49	25	84.0	60	0	390	1600		23.79	169.66	1.89	
2	8-Dec	Sliding	15:10	15:20	0.17	3174	3184	10	18	60.0	0	0	390	1600	40	23.79	169.66	1.89	
2	8-Dec	Drilling	15:20	15:35	0.25	3184	3205	21	25	84.0	60	0	390	1600		23.79	169.66	1.89	
2	8-Dec	Sliding	15:45	15:55	0.17	3205	3215	10	18	60.0	0	0	390	1600	30	21.97	171.51	2.26	
2	8-Dec	Drilling	15:55	16:10	0.25	3215	3236	21	25	84.0	60	0	390	1600		21.97	171.51	2.26	
2	8-Dec	Sliding	16:10	16:20	0.17	3236	3246	10	18	60.0	60	0	390	1600	35	21.97	171.51	2.26	
2	8-Dec	Drilling	16:20	16:45	0.42	3246	3267	21	25	50.4	60	0	390	1600		21.97	171.51	2.26	
2	8-Dec	Sliding	16:45	16:50	0.08	3267	3277	10	18	120.0	0	0	390	1600	20	21.97	171.51	2.26	
2	8-Dec	Drilling	16:50	17:00	0.17	3277	3299	22	25	132.0	60	0	390	1600		21.97	171.51	2.26	
2	8-Dec	Sliding	17:10	17:20	0.17	3299	3309	10	18	60.0	0	0	390	1600	10	19.20	172.12	2.96	
2	8-Dec	Drilling	17:20	17:40	0.33	3309	3331	22	25	66.0	60	0	390	1600		19.20	172.12	2.96	
2	8-Dec	Sliding	17:40	17:50	0.17	3331	3341	10	18	60.0	0	0	390	1600	10	19.20	172.12	2.96	
2	8-Dec	Drilling	17:50	18:05	0.25	3341	3363	22	25	88.0	60	0	390	1600		19.20	172.12	2.96	
2	8-Dec	Sliding	18:05	18:33	0.47	3363	3378	15	18	32.1	60	0	390	1600	10	19.20	172.12	2.96	
2	8-Dec	Drilling	18:33	18:45	0.20	3378	3395	17	25	85.0	60	0	390	1600		19.20	172.12	2.96	
2	8-Dec	Drilling	19:00	20:10	1.17	3395	3490	95	25	81.4	60	0	390	1600		19.20	172.12	2.96	
2	8-Dec	Sliding	20:20	21:30	1.17	3490	3507	17	18	14.6	60	0	390	1600	10	19.20	172.12	2.96	
2	8-Dec	Drilling	21:30	21:35	0.08	3507	3584	77	25	924.0	60	0	390	1600		19.20	172.12	2.96	
2	8-Dec	Sliding	21:45	21:55	0.17	3584	3593	9	18	54.0	60	0	390	1600	10	19.20	172.12	2.96	
2	9-Dec	Drilling	00:00	01:50	1.83	3593	3679	86	25	46.9	60	0	390	1600		19.20	172.12	2.96	
2	9-Dec	Drilling	02:00	03:20	1.33	3679	3774	95	25	71.3	60	0	390	1600		19.20	172.12	2.96	
2	9-Dec	Drilling	03:30	04:25	0.92	3774	3868	94	25	102.5	60	0	390	1600		19.20	172.12	2.96	
2	9-Dec	Sliding	04:35	05:00	0.42	3868	3888	20	18	48.0	60	0	390	1600	10	19.20	172.12	2.96	
2	9-Dec	Drilling	05:00	05:50	0.83	3888	3963	75	25	90.0	60	0	390	1600		19.20	172.12	2.96	
2	9-Dec	Sliding	06:00	06:15	0.25	3963	3978	15	18	60.0	0	0	390	1600	45	12.26	173.09	1.62	
2	9-Dec	Drilling	06:15	07:10	0.92	3978	4058	80	25	87.3	60	0	390	1600		12.26	173.09	1.62	
2	9-Dec	Sliding	07:20	07:30	0.17	4058	4068	10	18	60.0	0	0	390	1600	30	11.34	173.71	0.98	
2	9-Dec	Drilling	07:30	07:50	0.33	4068	4090	22	25	66.0	60	0	390	1600		11.34	173.71	0.98	
2	9-Dec	Sliding	07:50	08:00	0.17	4090	4100	10	18	60.0	0	0	390	1600	30	11.34	173.71	0.98	
2	9-Dec	Drilling	08:00	08:25	0.42	4100	4154	54	25	129.6	60	0	390	1600		11.34	173.71	0.98	
2	9-Dec	Sliding	08:35	08:50	0.25	4154	4169	15	18	60.0	0	0	390	1600	10	9.84	179.16	1.88	
2	9-Dec	Drilling	08:50	09:05	0.25	4169	4185	16	25	64.0	60	0	390	1600		9.84	179.16	1.88	

Slide Report for BHA # 2

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
2	9-Dec	Sliding	09:05	09:15	0.17	4185	4195	10	18	60.0	60	0	390	1600		9.84	179.16	1.88	
2	9-Dec	Drilling	09:15	09:50	0.58	4195	4248	53	25	90.9	60	0	390	1600		9.84	179.16	1.88	
2	9-Dec	Sliding	10:00	10:15	0.25	4248	4258	10	18	40.0	0	0	390	1700		9.36	179.95	0.53	
2	9-Dec	Drilling	10:15	10:30	0.25	4258	4279	21	25	84.0	60	0	390	1700		9.36	179.95	0.53	
2	9-Dec	Sliding	10:30	10:45	0.25	4279	4289	10	18	40.0	0	0	390	1700		9.36	179.95	0.53	
2	9-Dec	Drilling	10:45	11:05	0.33	4289	4311	22	25	66.0	60	0	390	1750		9.36	179.95	0.53	
2	9-Dec	Sliding	11:05	11:15	0.17	4311	4321	10	18	60.0	0	0	390	1750		9.36	179.95	0.53	
2	9-Dec	Drilling	11:15	11:25	0.17	4321	4343	22	25	132.0	60	0	390	1750		9.36	179.95	0.53	
2	9-Dec	Sliding	11:35	11:45	0.17	4343	4353	10	18	60.0	0	0	390	1750		8.66	177.66	0.83	
2	9-Dec	Drilling	11:45	12:00	0.25	4353	4375	22	25	88.0	60	0	390	1750		8.66	177.66	0.83	
2	9-Dec	Sliding	12:00	12:15	0.25	4375	4385	10	18	40.0	0	0	390	1750		8.66	177.66	0.83	
2	9-Dec	Drilling	12:15	12:30	0.25	4385	4406	21	25	84.0	60	0	390	1750		8.66	177.66	0.83	
2	9-Dec	Sliding	12:30	12:45	0.25	4406	4416	10	18	40.0	0	0	390	1750		8.66	177.66	0.83	
2	9-Dec	Drilling	12:45	12:55	0.17	4416	4438	22	25	132.0	60	0	390	1750		8.66	177.66	0.83	
2	9-Dec	Sliding	13:05	13:15	0.17	4438	4448	10	18	60.0	0	0	390	1750	20	7.91	171.33	1.24	
2	9-Dec	Drilling	13:15	13:30	0.25	4448	4470	22	25	88.0	60	0	390	1750		7.91	171.33	1.24	
2	9-Dec	Sliding	13:30	13:45	0.25	4470	4480	10	18	40.0	0	0	390	1750	20	7.91	171.33	1.24	
2	9-Dec	Drilling	13:45	14:05	0.33	4480	4502	22	25	66.0	60	0	390	1750		7.91	171.33	1.24	
2	9-Dec	Sliding	14:05	14:20	0.25	4502	4512	10	18	40.0	0	0	390	1750	10	7.91	171.33	1.24	
2	9-Dec	Drilling	14:20	14:35	0.25	4512	4533	21	25	84.0	60	0	390	1750		7.91	171.33	1.24	
2	9-Dec	Drilling	14:45	15:00	0.25	4533	4565	32	25	128.0	60	0	390	1750		8.13	169.05	0.41	
2	9-Dec	Drilling	16:05	16:35	0.50	4565	4628	63	25	126.0	60	0	390	1750		8.13	169.05	0.41	
2	9-Dec	Drilling	16:45	17:30	0.75	4628	4724	96	25	128.0	60	0	390	1750		7.47	173.71	0.98	
2	9-Dec	Drilling	17:40	19:00	1.33	4724	4819	95	25	71.3	60	0	390	1750		6.33	178.36	1.32	
2	9-Dec	Drilling	19:05	20:10	1.08	4819	4914	95	25	87.7	60	0	390	1750		6.33	178.36	1.32	
2	9-Dec	Drilling	20:15	21:40	1.42	4914	5009	95	25	67.1	60	0	390	1750		6.33	178.36	1.32	
2	9-Dec	Drilling	21:45	22:55	1.17	5009	5104	95	25	81.4	60	0	390	1750		6.33	178.36	1.32	
2	9-Dec	Drilling	23:00	24:00	1.00	5104	5167	63	25	63.0	60	0	390	1750		6.33	178.36	1.32	
2	10-Dec	Drilling	00:00	00:20	0.33	5167	5199	32	25	96.0	60	0	390	1750		6.33	178.36	1.32	
2	10-Dec	Drilling	00:25	01:35	1.17	5199	5293	94	25	80.6	60	0	390	1750		6.33	178.36	1.32	
2	10-Dec	Drilling	01:40	02:45	1.08	5293	5387	94	25	86.8	60	0	390	1750		6.33	178.36	1.32	
2	10-Dec	Drilling	02:50	03:55	1.08	5387	5482	95	25	87.7	60	0	390	1750		6.33	178.36	1.32	
2	10-Dec	Drilling	04:00	04:55	0.92	5482	5577	95	25	103.6	60	0	390	1750		6.33	178.36	1.32	
2	10-Dec	Drilling	05:00	06:00	1.00	5577	5671	94	25	94.0	60	0	390	1750		6.33	178.36	1.32	
2	10-Dec	Drilling	06:10	07:10	1.00	5671	5767	96	25	96.0	60	0	400	1950		2.64	188.82	0.30	

Slide Report for BHA # 2

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
2	10-Dec	Drilling	07:20	07:35	0.25	5767	5798	31	25	124.0	60	0	400	1950		2.37	193.21	0.34	
2	10-Dec	Drilling	08:05	08:35	0.50	5798	5861	63	25	126.0	60	0	400	1950		2.37	193.21	0.34	
2	10-Dec	Drilling	08:45	09:45	1.00	5861	5956	95	25	95.0	60	0	400	1950		2.29	195.44	0.09	
2	10-Dec	Drilling	09:55	10:50	0.92	5956	6051	95	25	103.6	60	0	400	1950		2.24	197.09	0.15	
2	10-Dec	Drilling	11:00	11:50	0.83	6051	6145	94	25	112.8	60	0	400	1950		1.93	191.64	0.39	
2	10-Dec	Drilling	12:00	12:15	0.25	6145	6177	32	25	128.0	60	0	400	1950		1.71	199.19	0.35	
2	10-Dec	Drilling	13:20	13:50	0.50	6177	6239	62	25	124.0	60	0	400	1950		1.71	199.19	0.35	
2	10-Dec	Drilling	14:00	14:45	0.75	6239	6335	96	25	128.0	60	0	400	1950		1.80	202.18	0.14	
2	10-Dec	Drilling	14:55	15:10	0.25	6335	6366	31	25	124.0	60	0	400	1950		1.80	211.94	0.14	

Total Drilled:	4332	Avg. Total ROP:	80.15	DEPTH% - TIME %	
Total Rotary Drilled:	3906	Avg. Rotary ROP:	85.85	Percent Rotary:	90.17 - 84.18
Total Drilled Sliding:	426	Avg. Slide ROP:	49.82	Percent Slide:	9.83 - 15.82

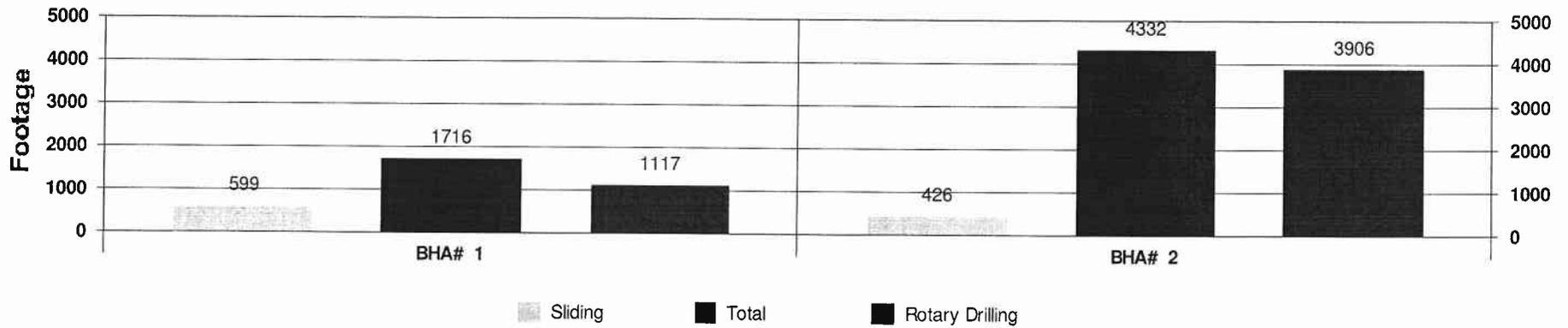
Archer

Postwell Analysis

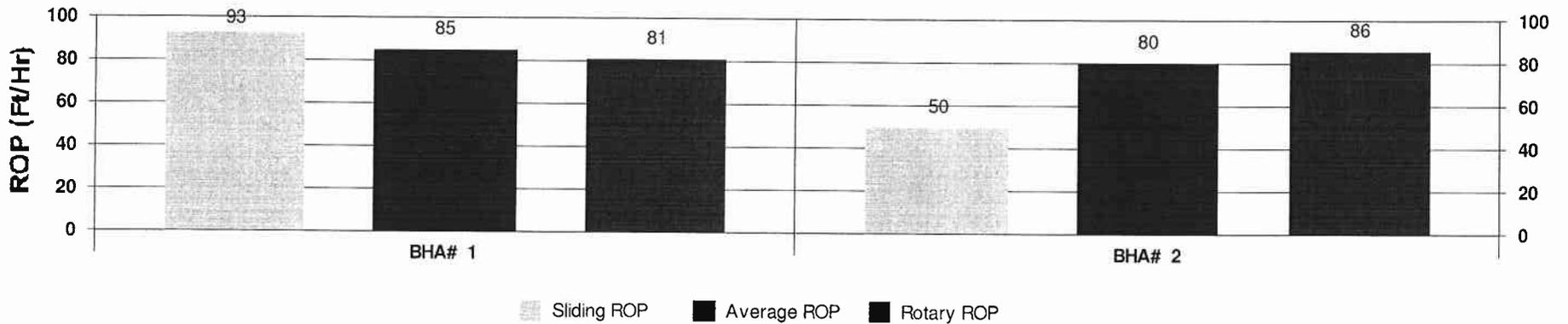


JOB NO.:	3410-432-21	FIELD:	LAKE CANYON	
Company:	Berry Petroleum CO.	Township:	5S	
LOCATION:	RIGHT FORK INDIAN CANYON	SECT\ RANGE:	21	6W
RIG NAME:	BERRY 5B	COMMENT		
STATE:	UTAH			
COUNTY:	DUCHESNE			
WELL NAME:	LCT 5-21D-56			

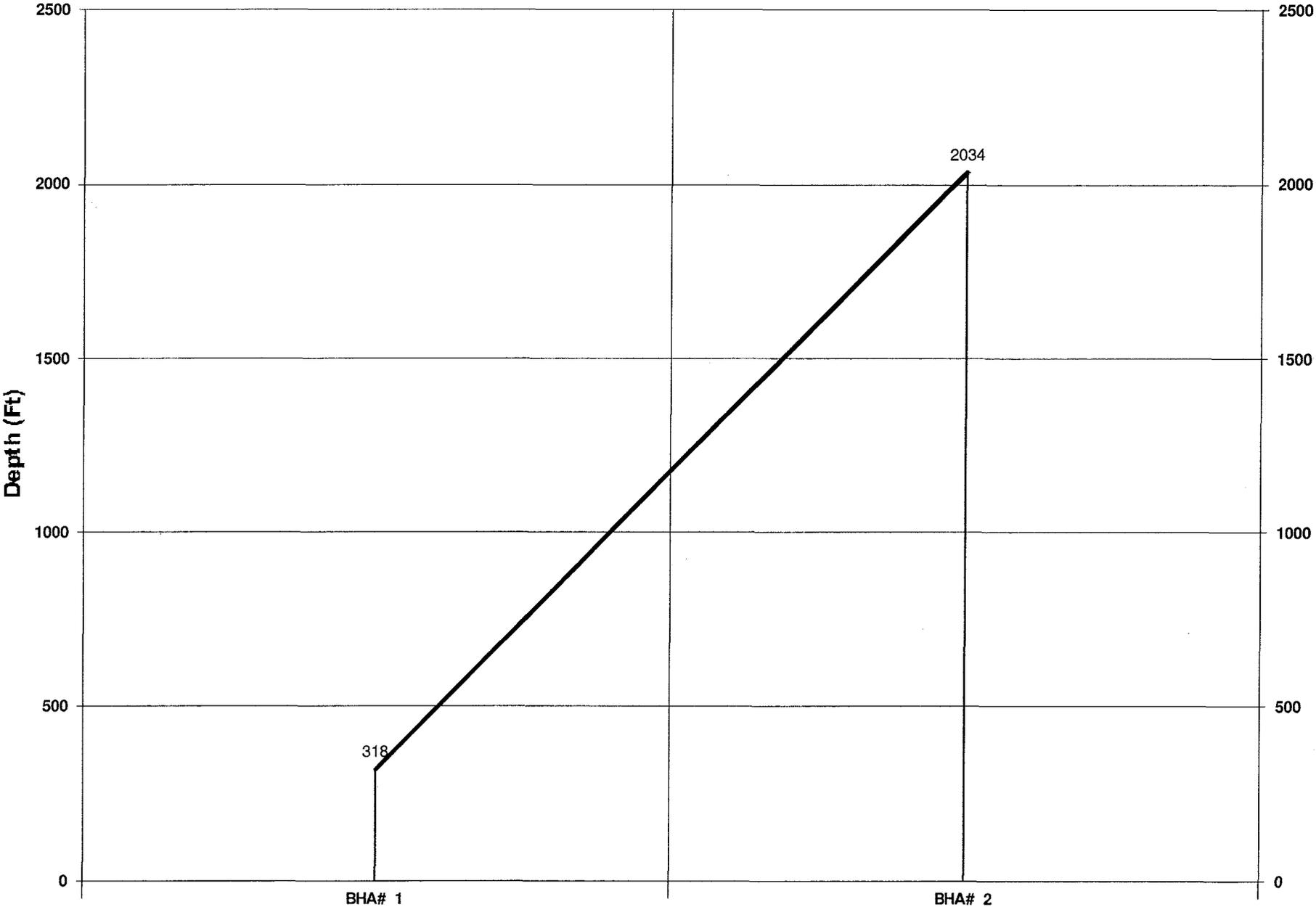
Footage Drilled with BHA



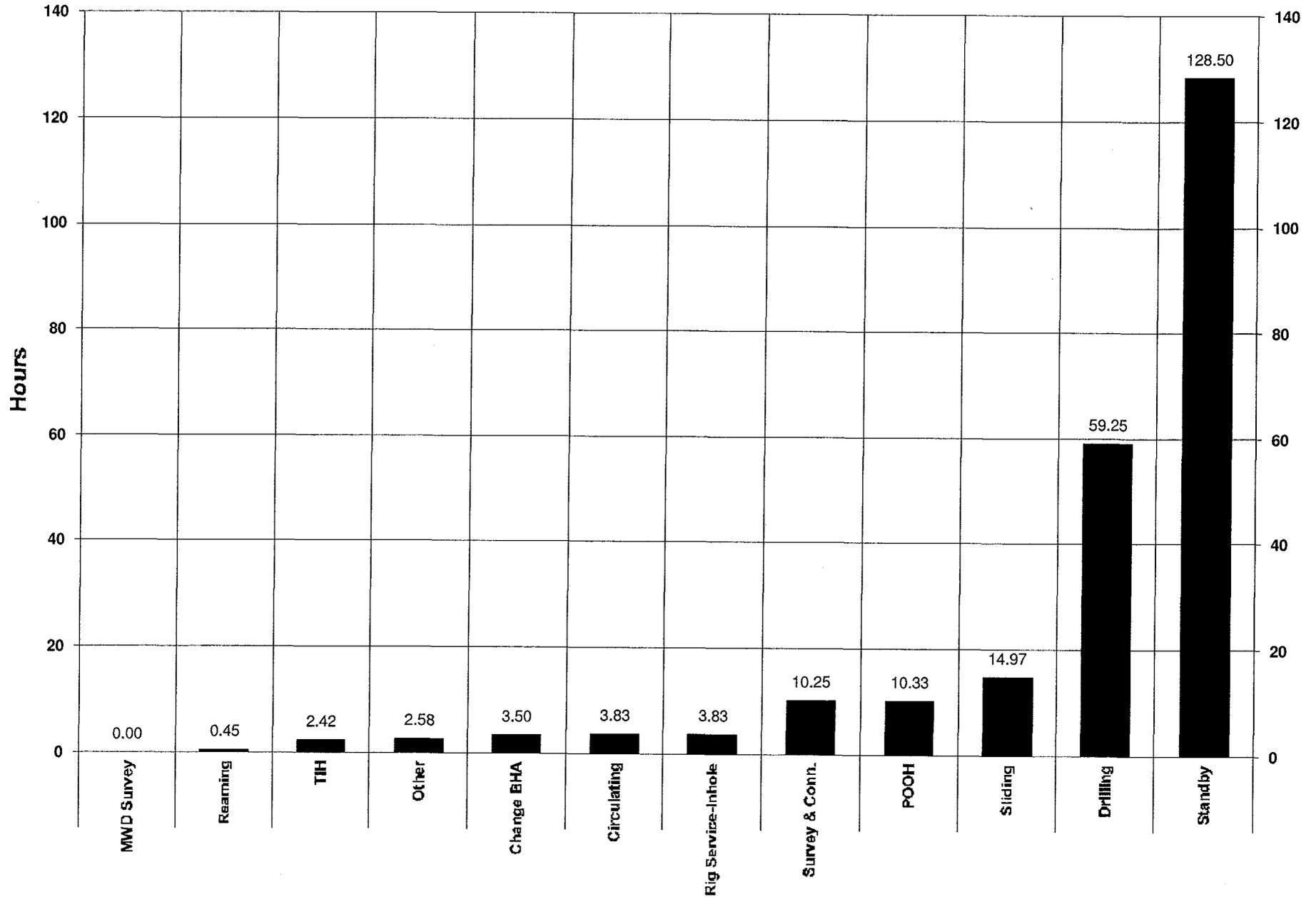
ROP vs BHA



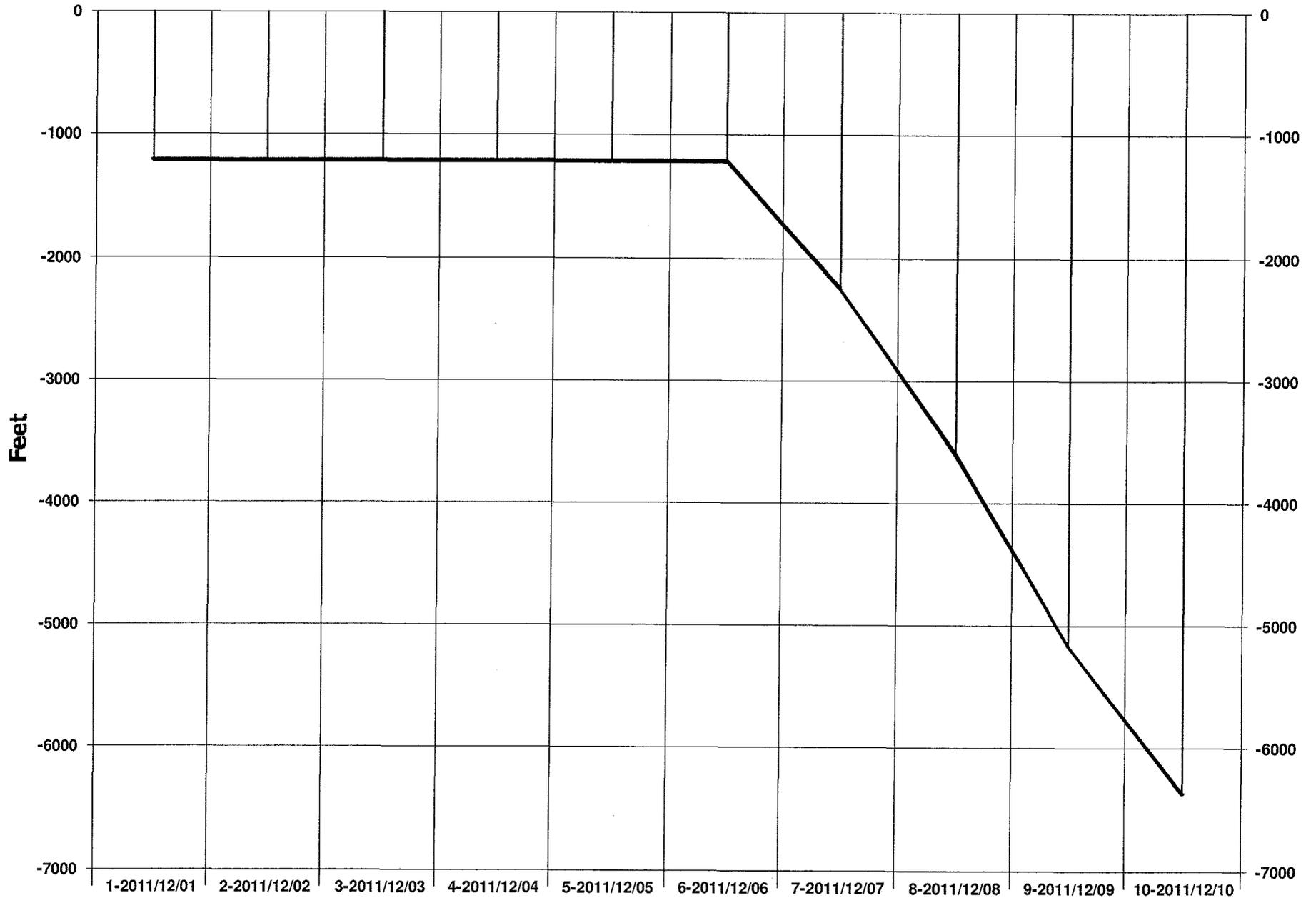
Depth vs BHA



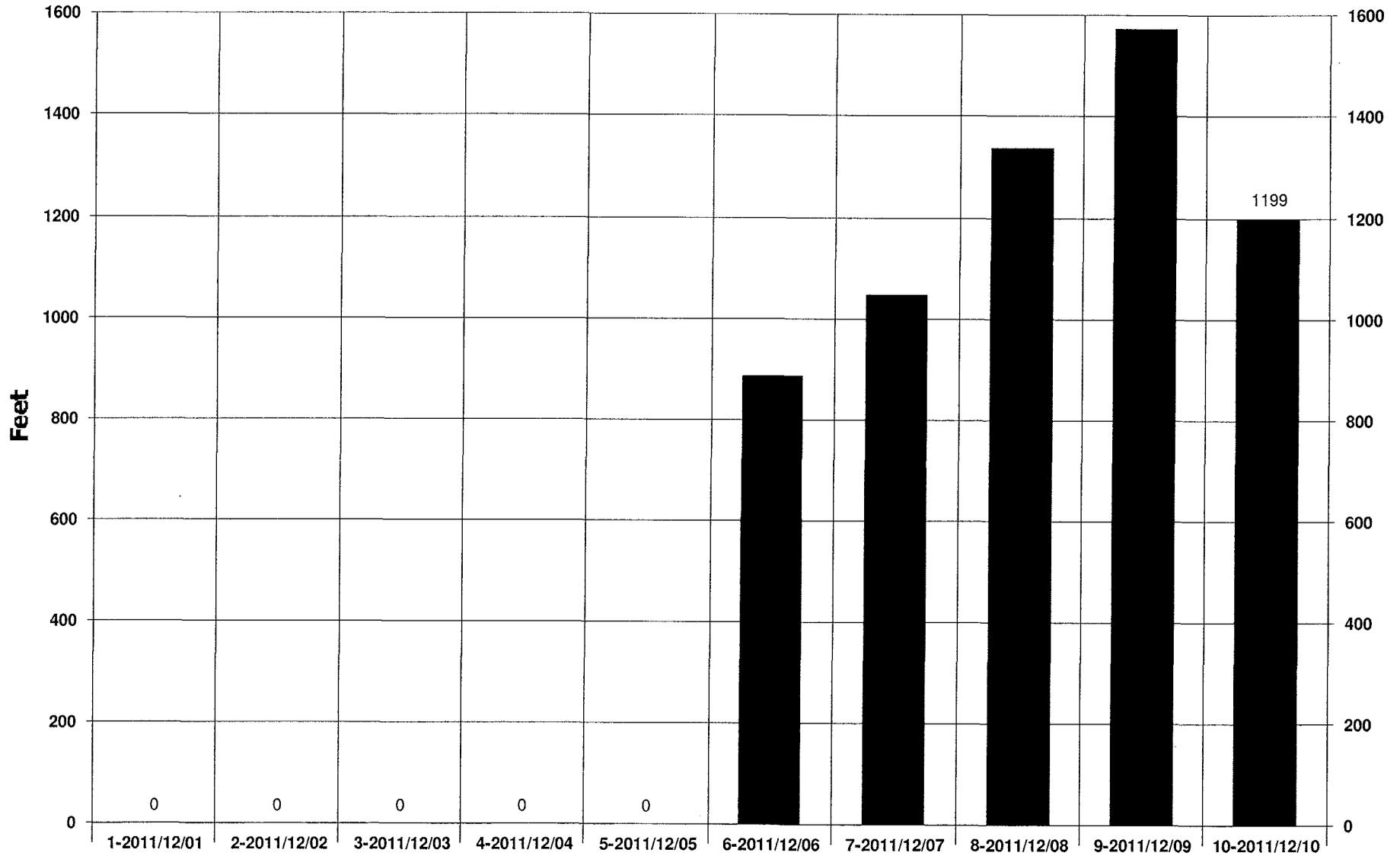
Activity Histogram



Measured Depth vs Days

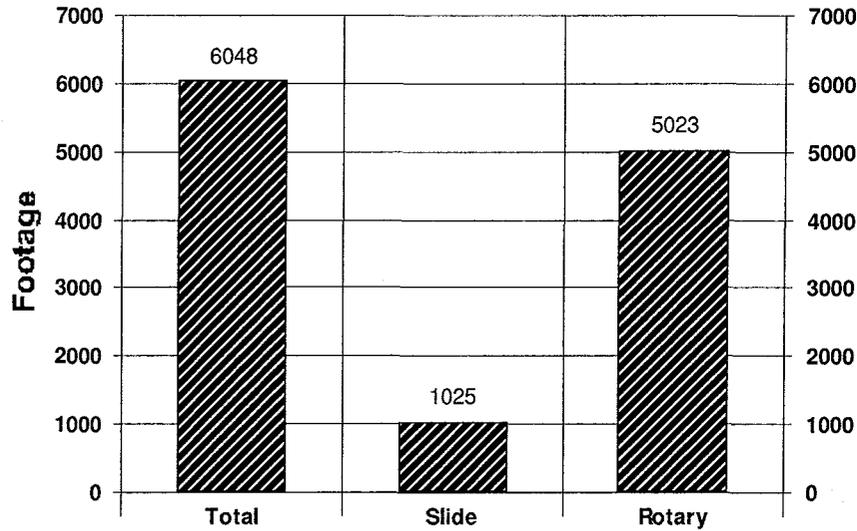


Daily Footage

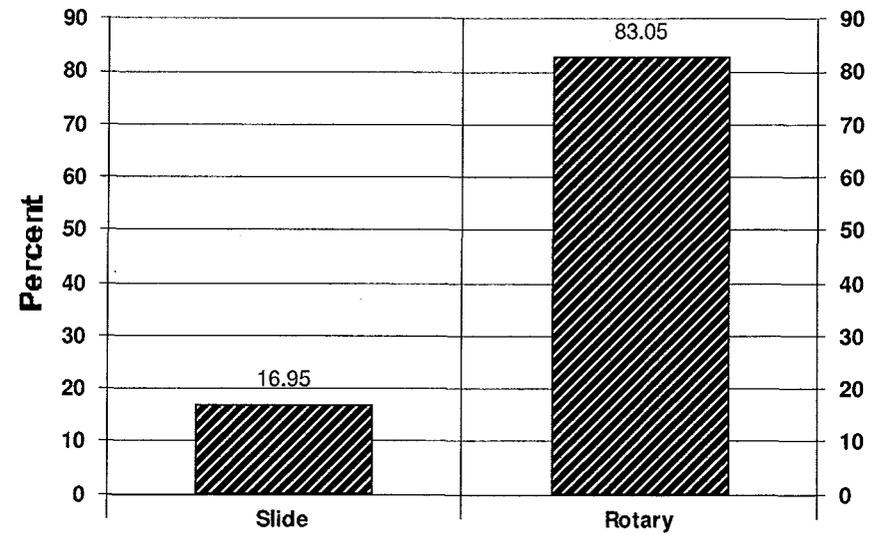


■ Rotary Drilling ■ Sliding

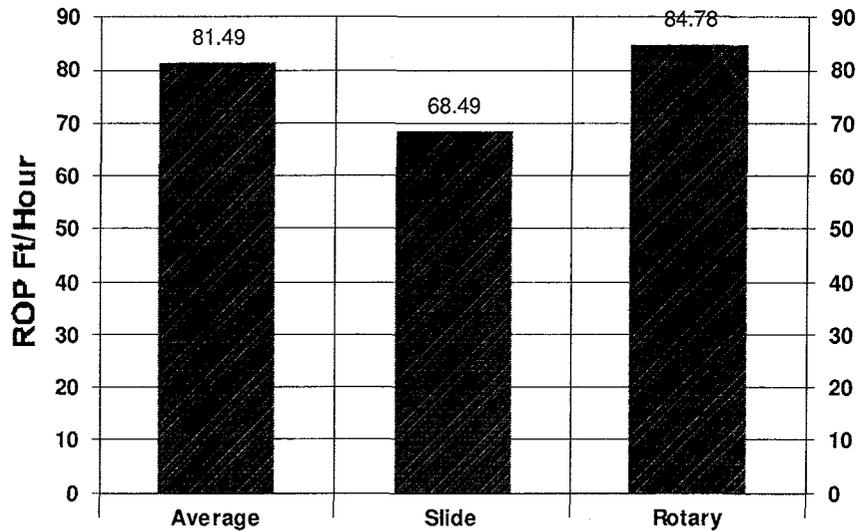
Footage Drilled Totals



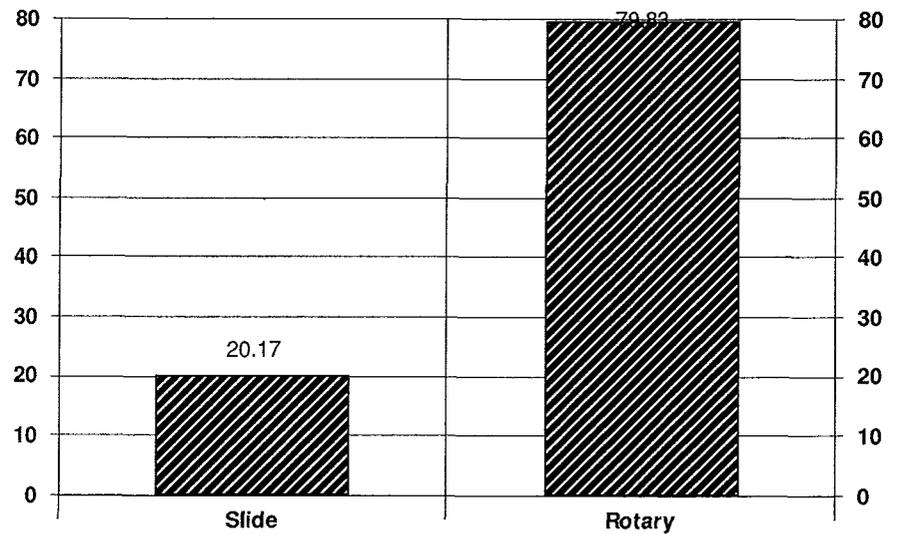
Footage Percent



Rate of Penetration Totals



Time Percent



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Survey Certification Sheet

Report Date: 2-1-12

GWDS Job #: 3410-432-21

Operator: Berry Petroleum Co.

Well Name: LC Tribal 5-21D-56

API#: 43-013-50752

County/State: Duchesne Co., Utah

Well SHL: 382' FNL & 479' FWL (NWNW) Sec. 21-T5S-R6W

Well SHL: 40° 2' 18.013" N (NAD27)

110° 34' 18.034" W (NAD27)

Drilling Rig Contractor: Berry 5B

Surveyed Dates: 12/6/11-12/10/11

Surveyed from a depth of: OH: 464.00' MD to 6366.00' MD

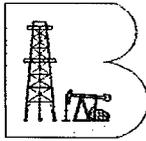
Type of Survey: MWD Surveys

The data and calculations for this survey have been checked by me and conform to the calibration standards and operational procedures set forth by Great White Directional Services, LLC. I am authorized and qualified to review the data, calculations and this report, and that the report represents a true and correct Directional Survey of this well based on the original data corrected to True North and obtained at the well site. Wellbore Coordinates are calculated using minimum curvature method.

Dusty Moyer



Archer - Well Planner



Berry Petroleum Company

Project: Duchesne Co., UT (UT27C)
 Site: Sec.21-T6S-R6W
 Well: LC Tribal 5-21D-56
 Wellbore: Wellbore #1
 Design: Design #2
 Latitude: 40° 2' 18.013 N
 Longitude: 110° 34' 18.034 W
 Ground Level: 6662.00
 WELL @ 6676.00ustf (Berry Rig 5)

Archer

WELL DETAILS: LC Tribal 5-21D-56

+N'-S	+E'-W	Northing	Ground Level:	6662.00	Latitude	Longitude	Slot
0.00	0.00	622358.187	Easting	2259914.044	40° 2' 18.013 N	110° 34' 18.034 W	

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)

Name	TVD	+N'-S	+E'-W	Latitude	Longitude	Shape
LCT 5-21D Drig Tgt	6000.00	-1432.34	182.88	40° 2' 3.857 N	110° 34' 15.682 W	Circle (Radius: 100.00)
LCT 5-21D Tgt	6000.00	-1602.94	174.86	40° 2' 2.171 N	110° 34' 15.785 W	Polygon

SECTION DETAILS

MD	Inc	Azi	TVD	+N'-S	+E'-W	Diag	TFace	Vsect
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00
1600.18	30.01	172.72	1555.09	-253.90	32.42	3.00	172.72	255.92
2952.10	30.01	172.72	2725.82	-924.53	118.04	0.00	0.00	931.88
4852.47	0.00	0.00	4858.00	-1432.34	182.88	1.50	180.00	1443.73
6316.47	0.00	0.00	6000.00	-1432.34	182.88	0.00	0.00	1443.73

PROJECT DETAILS: Duchesne Co., UT (UT27C)

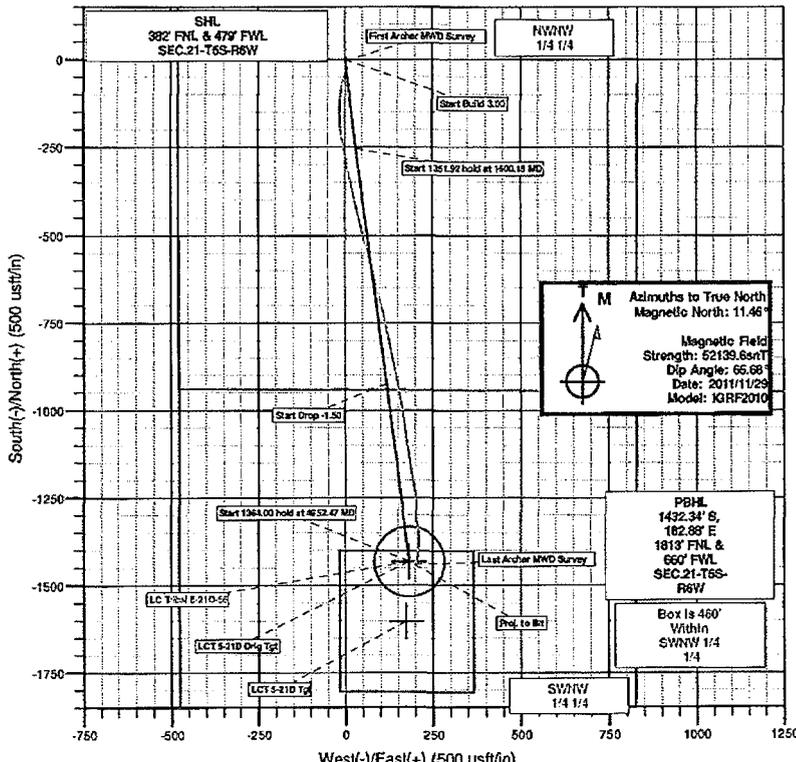
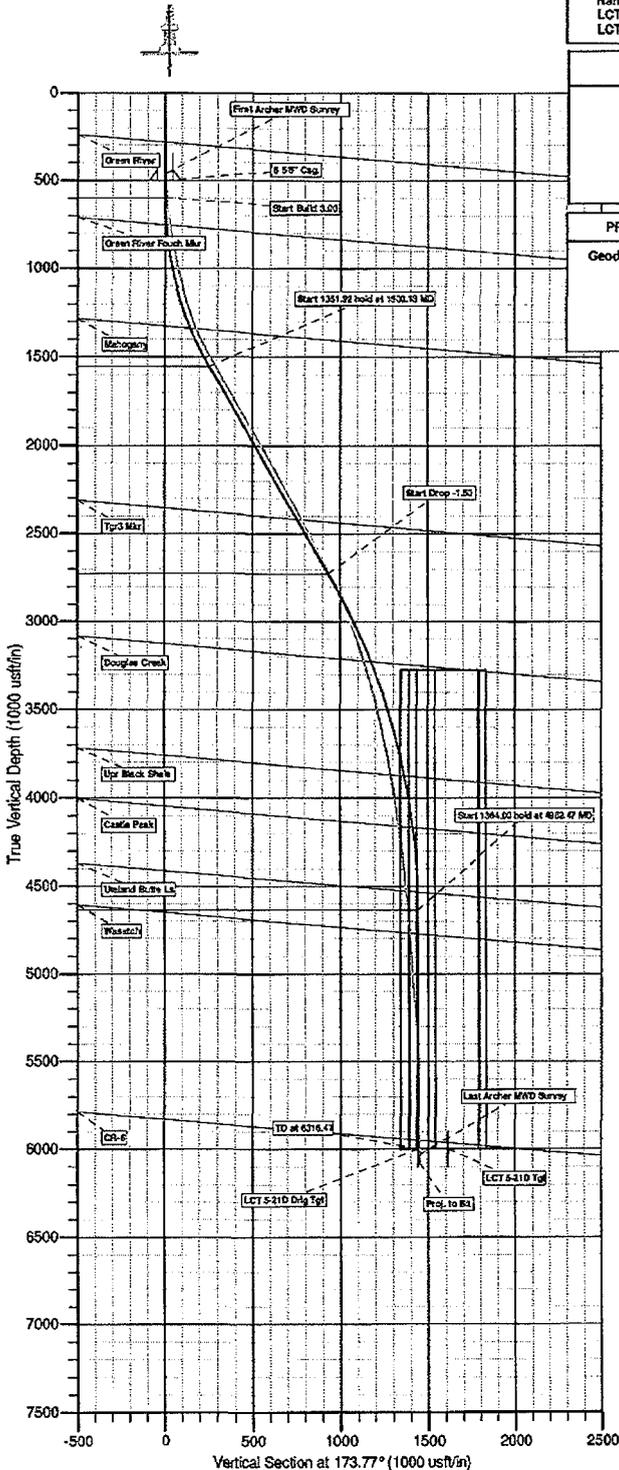
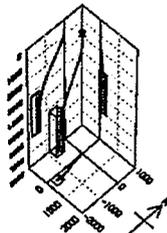
Geodetic System: US State Plane 1927 (Exact solution)
 Datum: NAD 1927 (NADCON CONUS)
 Ellipsoid: Clarke 1866
 Zone: Utah Central 4302
 System Datum: Mean Sea Level

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well LC Tribal 5-21D-56, True North
 Vertical (TVD) Reference: WELL @ 6676.00ustf (Berry Rig 5)
 Section (NS) Reference: Slot - (0.00ft, 0.00ft)
 Measured Depth Reference: WELL @ 6676.00ustf (Berry Rig 5)
 Calculation Method: Minimum Curvature

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
281.00	281.00	Green River
752.52	752.68	Green River Fouch Mkr
1336.69	1356.19	Mahogany
2418.27	2896.95	Tgr3 Mkr
3229.13	3511.68	Douglas Creek
3976.51	4187.89	Upr Black Shale
4167.65	4462.84	Coskie Peak
4532.98	4849.35	Utahland Butte Ls.
4773.01	5089.48	Wassatch
5950.01	6266.48	CR-6



Plan: Design #2 (LC Tribal 5-21D-56/Wellbore #1)

Created By: DUSTY MOYER Date: 16:10, January 31 2012

Archer

Berry Petroleum Company

Duchesne Co., UT (UT27C)

Sec.21-T5S-R6W

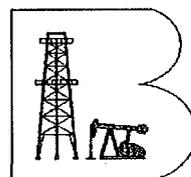
LC Tribal 5-21D-56

Wellbore #1

Survey: Survey #1

Standard Survey Report

31 January, 2012



Archer

Archer Survey Report



Company:	Bery Petroleum Company	Local Co-ordinate Reference:	Well LC Tribal 5-21D-56
Project:	Duchesne Co., UT (UT27C)	TVD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Site:	Sec.21-T5S-R6W	MD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Well:	LC Tribal 5-21D-56	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDMDBBW

Project:	Duchesne Co., UT (UT27C)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Utah Central 4302		

Site:	Sec.21-T5S-R6W				
Site Position:	Northing:	622,358.171 usft	Latitude:	40° 2' 18.013 N	
From:	Lat/Long	Eastng:	2,259,914.043 usft	Longitude:	110° 34' 18.034 W
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16"	Grid Convergence:	0.59 °

Well:	LC Tribal 5-21D-56					
Well Position	+N/-S	0.00 usft	Northing:	622,358.167 usft	Latitude:	40° 2' 18.013 N
	+E/-W	0.00 usft	Eastng:	2,259,914.044 usft	Longitude:	110° 34' 18.034 W
Position Uncertainty	0.00 usft		Wellhead Elevation:	usft	Ground Level:	6,682.00 usft

Wellbore:	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2011/11/29	11.46	65.68	52,140

Design:	Wellbore #1				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction	
	(usft)	(usft)	(usft)	(°)	
	0.00	0.00	0.00	173.77	

Survey Program	Date 2012/01/31			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
464.00	6,366.00	Survey #1 (Wellbore #1)	MWD	MWD - Standard

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
First Archer MWD Survey										
464.00	1.07	185.40	463.97	-4.31	-0.41	4.24	0.23	0.23	0.00	
543.00	2.64	177.57	542.93	-6.87	-0.40	6.78	2.01	1.89	-9.91	
604.00	4.75	176.52	603.80	-10.79	-0.19	10.71	3.46	3.46	-1.72	
666.00	6.94	181.87	665.47	-17.10	-0.16	16.98	3.64	3.53	8.79	
727.00	8.48	189.79	725.92	-25.21	-1.05	24.95	3.05	2.52	12.82	
788.00	9.36	192.69	786.18	-34.48	-2.91	33.97	1.62	1.44	4.75	
850.00	10.55	188.38	847.25	-45.02	-4.84	44.23	2.26	1.92	-6.95	
911.00	11.25	189.70	907.15	-56.41	-6.66	55.35	1.22	1.15	2.16	
973.00	13.05	189.61	967.76	-69.27	-8.85	67.91	2.90	2.90	-0.15	
1,036.00	14.63	187.86	1,028.93	-84.17	-11.12	82.47	2.59	2.51	-2.78	
1,100.00	15.60	187.68	1,090.71	-100.70	-13.38	98.66	1.52	1.52	-0.28	

Archer

Archer Survey Report



Company:	Berry Petroleum Company	Local Co-ordinate Reference:	Well LC Tribal 5-21D-56
Project:	Duchesne Co., UT (UT27C)	TVD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Site:	Sec.21-T5S-R6W	MD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Well:	LC Tribal 5-21D-56	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDMDBBW

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
1,163.00	17.53	184.86	1,151.10	-118.55	-15.33	116.19	3.30	3.06	-4.32
1,227.00	18.76	179.88	1,211.92	-138.45	-16.10	135.89	3.21	1.92	-8.25
1,290.00	20.08	177.92	1,271.33	-159.39	-15.66	156.75	2.29	2.10	-2.79
1,353.00	22.02	174.23	1,330.13	-181.95	-14.08	179.35	3.73	3.08	-5.86
1,417.00	24.30	172.30	1,388.97	-206.94	-11.10	204.52	3.75	3.56	-3.02
1,479.00	26.32	171.25	1,445.01	-233.17	-7.30	231.00	3.34	3.26	-1.69
1,543.00	28.74	169.66	1,501.76	-262.33	-2.38	260.53	3.95	3.78	-2.48
1,606.00	29.49	169.75	1,556.80	-292.49	3.10	291.11	1.19	1.19	0.14
1,700.00	30.83	166.67	1,638.16	-338.57	12.73	337.95	2.04	1.21	-3.28
1,795.00	29.58	166.59	1,720.35	-384.93	23.75	385.23	1.11	-1.11	-0.08
1,889.00	30.06	165.88	1,801.90	-430.33	34.88	431.57	0.63	0.51	-0.76
1,984.00	31.29	166.76	1,883.61	-477.42	46.33	479.63	1.38	1.29	0.93
2,079.00	31.03	165.80	1,964.90	-525.17	57.99	528.36	0.59	-0.27	-1.01
2,142.00	30.81	165.44	2,018.95	-556.53	66.03	560.40	0.46	-0.35	-0.57
2,205.00	30.28	166.06	2,073.20	-587.56	73.91	592.11	0.98	-0.84	0.98
2,300.00	28.83	166.06	2,155.84	-633.04	85.20	638.54	1.53	-1.53	0.00
2,396.00	28.56	165.35	2,240.05	-677.70	96.58	684.18	0.45	-0.26	-0.74
2,491.00	29.05	166.41	2,323.30	-722.08	107.74	729.52	0.75	0.52	1.12
2,586.00	28.26	168.17	2,406.66	-766.53	117.77	774.78	1.22	-0.83	1.85
2,681.00	28.39	168.43	2,490.29	-810.66	126.91	819.65	0.19	0.14	0.27
2,776.00	27.77	169.22	2,574.10	-854.53	135.58	864.19	0.76	-0.65	0.83
2,871.00	27.42	168.70	2,658.30	-897.72	144.01	908.04	0.45	-0.37	-0.55
2,965.00	25.78	169.31	2,742.35	-939.04	152.04	949.99	1.77	-1.74	0.65
3,060.00	23.99	169.66	2,828.52	-978.34	159.34	989.85	1.89	-1.88	0.37
3,155.00	21.97	171.51	2,915.98	-1,014.92	165.43	1,026.87	2.26	-2.13	1.95
3,249.00	19.20	172.12	3,003.97	-1,047.63	170.15	1,059.90	2.96	-2.95	0.65
3,345.00	18.46	172.65	3,094.83	-1,078.34	174.25	1,090.87	0.79	-0.77	0.55
3,440.00	17.80	171.42	3,185.11	-1,107.61	178.35	1,120.42	0.80	-0.69	-1.29
3,534.00	17.09	171.60	3,274.79	-1,135.48	182.51	1,148.58	0.76	-0.76	0.19
3,629.00	15.82	170.28	3,365.90	-1,162.06	186.73	1,175.45	1.39	-1.34	-1.39
3,724.00	15.07	169.75	3,457.47	-1,188.97	191.12	1,200.70	0.80	-0.79	-0.56
3,818.00	13.46	168.78	3,548.57	-1,209.73	195.42	1,223.79	1.73	-1.71	-1.03
3,913.00	12.26	173.09	3,641.18	-1,230.59	198.78	1,244.89	1.62	-1.26	4.54
4,008.00	11.34	173.71	3,734.17	-1,249.89	201.02	1,264.32	0.98	-0.97	0.65
4,104.00	9.84	179.16	3,828.54	-1,267.47	202.18	1,281.92	1.88	-1.56	5.68
4,198.00	9.36	179.95	3,921.22	-1,283.15	202.30	1,297.52	0.53	-0.51	0.84
4,293.00	8.66	177.66	4,015.05	-1,298.02	202.60	1,312.34	0.83	-0.74	-2.41
4,388.00	7.91	171.33	4,109.06	-1,311.63	203.88	1,326.00	1.24	-0.79	-6.66
4,483.00	8.13	169.05	4,203.13	-1,324.69	206.14	1,339.23	0.41	0.23	-2.40
4,578.00	7.47	173.71	4,297.25	-1,337.42	208.09	1,352.10	0.96	-0.69	4.91
4,674.00	6.33	178.36	4,392.56	-1,348.91	208.93	1,363.61	1.32	-1.19	4.84
4,769.00	5.54	179.42	4,487.05	-1,358.73	209.12	1,373.40	0.84	-0.83	1.12
4,864.00	5.01	180.90	4,581.64	-1,367.47	209.10	1,382.08	0.58	-0.56	1.56
4,959.00	4.57	178.80	4,676.31	-1,375.40	209.12	1,389.96	0.50	-0.46	-2.21
5,054.00	3.91	178.01	4,771.05	-1,382.42	209.31	1,396.96	0.70	-0.69	-0.83
5,149.00	3.87	183.73	4,865.83	-1,388.85	209.21	1,403.35	0.41	-0.04	6.02
5,243.00	3.78	184.08	4,959.62	-1,395.11	208.79	1,409.53	0.10	-0.10	0.37
5,337.00	3.47	184.60	5,053.43	-1,401.04	208.34	1,415.37	0.33	-0.33	0.55
5,432.00	3.30	184.60	5,148.27	-1,406.63	207.89	1,420.88	0.18	-0.18	0.00
5,527.00	2.86	185.22	5,243.13	-1,411.71	207.45	1,425.89	0.46	-0.46	0.65
5,621.00	2.64	188.82	5,337.02	-1,416.19	206.91	1,430.27	0.30	-0.23	3.83
5,717.00	2.37	193.21	5,432.93	-1,420.31	206.11	1,434.28	0.34	-0.28	4.57
5,861.00	2.29	195.94	5,576.81	-1,425.97	204.64	1,438.75	0.09	-0.06	1.90
5,906.00	2.24	197.09	5,621.78	-1,427.68	204.14	1,441.39	0.15	-0.11	2.56

Archer

Archer Survey Report



Company:	Berry Petroleum Company	Local Co-ordinate Reference:	Well LC Tribal 5-21D-56
Project:	Duchesne Co., UT (UT27C)	TVD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Site:	Sec.21-T5S-R6W	MD Reference:	WELL @ 6676.00usft (Berry Rig 5)
Well:	LC Tribal 5-21D-56	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDMDBBW

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/S (usft)	+E/W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
6,001.00	1.93	191.64	5,716.71	-1,431.02	203.27	1,444.62	0.39	-0.33	-5.74	
6,095.00	1.71	199.19	5,810.67	-1,433.89	202.49	1,447.39	0.35	-0.23	8.03	
6,189.00	1.80	202.18	5,904.62	-1,436.58	201.47	1,449.96	0.14	0.10	3.18	
6,285.00	1.80	211.94	6,000.58	-1,439.26	200.11	1,452.47	0.32	0.00	10.17	
Last Archer MWD Survey										
6,316.00	1.80	215.81	6,031.56	-1,440.07	199.56	1,453.22	0.39	0.00	12.48	
Proj. to Bit										
6,366.00	1.80	222.05	6,081.54	-1,441.29	198.58	1,454.32	0.39	0.00	12.48	

Survey Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/S (usft)	+E/W (usft)		
464.00	463.97	-4.31	-0.41	First Archer MWD Survey	
6,316.00	6,031.56	-1,440.07	199.56	Last Archer MWD Survey	
6,366.00	6,081.54	-1,441.29	198.58	Proj. to Bit	

Checked By: _____ Approved By: _____ Date: _____

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING

CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

6/1/2014

FROM: (Old Operator):

Berry Petroleum Company, LLC N4075
 1999 Broadway Street, Suite 3700
 Denver, CO 80202

Phone: 1 (303) 999-4400

TO: (New Operator):

Linn Operating, Inc. N4115
 1999 Broadway Street, Suite 3700
 Denver, CO 80202

Phone: 1 (303) 999-4400

CA No.

Unit:

**Berry Pilot EOR 246-02
 Brundage Canyon**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/13/2014
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/13/2014
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/17/2014
- a. Is the new operator registered in the State of Utah: _____ Business Number: 9031632-0143
- 5a. (R649-9-2) Waste Management Plan has been received on: N/A
- 5b. Inspections of LA PA state/fee well sites complete on: Yes
- 5c. Reports current for Production/Disposition & Sundries on: 6/17/2014
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet BIA Not Yet
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: Not Yet
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 6/18/2014
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/18/2014
- Bond information entered in RBDMS on: 6/23/2014
- Fee/State wells attached to bond in RBDMS on: 6/23/2014
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: 6/18/2014
- Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: Yes

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: NMB000501
- Indian well(s) covered by Bond Number: NMB000501
- 3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number LPM9149893
- 3b. The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 6/23/2014

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: See attached list
2. NAME OF OPERATOR: Linn Operating, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1999 Broadway, Ste 3700 CITY <u>Denver</u> STATE <u>CO</u> ZIP <u>80202</u>		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		8. WELL NAME and NUMBER: 9. API NUMBER:
PHONE NUMBER: (303) 999-4400		10. FIELD AND POOL, OR WILDCAT:
COUNTY: _____		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Change of operator</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Notice of Change of Operator from Berry Petroleum Company, LLC to Linn Operating, Inc., effective June 1, 2014. On December 16, 2013, Berry Petroleum Company became an indirect subsidiary of Linn Energy, LLC. As a result, Berry Petroleum Company converted into a limited liability company named, "Berry Petroleum Company, LLC". On March 5, 2014, Berry Petroleum Company, LLC authorized and empowered Linn Operating, Inc. to act as operator on its behalf. I have attached a copy of the original declaration amending the name change along with a copy of the agency agreement and power of attorney for the operator change.

RECEIVED
JUN 18 2014
Div. of Oil, Gas & Mining

NAME (PLEASE PRINT) <u>Beverly Decker</u>	TITLE <u>Sr Engineering Technician</u>
SIGNATURE <u><i>Beverly Decker</i></u>	DATE <u>6/1/2014</u>

(This space for State use only)

APPROVED
JUN 18 2014
DIV. OIL GAS & MINING
BY: Rachel Medina

(5/2000) (See instructions on Reverse Side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: See attached list
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: Berry Petroleum Company, LLC		8. WELL NAME and NUMBER:
3. ADDRESS OF OPERATOR: 1999 Broadway, Ste 3700 CITY Denver STATE CO ZIP 80202		9. API NUMBER:
PHONE NUMBER: (303) 999-4400		10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ COUNTY: _____ QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Change of operator</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On December 16th, 2013 Berry Petroleum Company and Linn Energy merged. As a result of this merger the companies name has changed to "Berry Petroleum Company, LLC". On March 5th, 2014 Berry Petroleum Company, LLC agreed that Linn Operating, Inc would become the operator of record effective June 1, 2014. I have attached a copy of the original declaration amending the name change along with a copy of the agency agreement and power of attorney for the operator change.

Should you have any questions please don't hesitate to contact me.

RECEIVED
JUN 13 2014
Div. of Oil, Gas & Mining

NAME (PLEASE PRINT) <u>Beverly Decker</u>	TITLE <u>Sr Engineering Technician</u>
SIGNATURE	DATE <u>6/1/2014</u>

(This space for State use only)

APPROVED
JUN 18 2014
DIV. OIL GAS & MINING
BY:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Request to Transfer Application or Permit to Drill

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name:	See Attached
API number:	
Location:	Qtr-Qtr: Section Township Range:
Company that filed original application:	Berry Petroleum Company LLC
Date original permit was issued:	
Company that permit was issued to:	Linn Operating, Inc

Check one	Desired Action:
	Transfer pending (unapproved) Application for Permit to Drill to new operator
	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
<input checked="" type="checkbox"/>	Transfer approved Application for Permit to Drill to new operator
	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.	Yes	No
If located on private land, has the ownership changed?		✓
<input type="checkbox"/> If so, has the surface agreement been updated?		
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?		✓
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?		✓
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?		✓
Has the approved source of water for drilling changed?		✓
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?		✓
Is bonding still in place, which covers this proposed well? Bond No. <u>LPM9149893</u>	✓	

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) Beverly Decker Title Sr Engineering Technician
 Signature *Beverly Decker* Date _____
 Representing (company name) Berry Petroleum Company LLC and Linn Operating, Inc

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Request to Transfer Application or Permit to Drill

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name:	See Attached
API number:	
Location:	Qtr-Qtr: Section: Township Range:
Company that filed original application:	Berry Petroleum Company LLC
Date original permit was issued:	
Company that permit was issued to:	Linn Operating, Inc

Check one	Desired Action:
<input type="checkbox"/>	
<input checked="" type="checkbox"/>	Transfer pending (unapproved) Application for Permit to Drill to new operator
	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
<input type="checkbox"/>	Transfer approved Application for Permit to Drill to new operator
	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.	Yes	No
If located on private land, has the ownership changed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> If so, has the surface agreement been updated?	<input type="checkbox"/>	<input type="checkbox"/>
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Has the approved source of water for drilling changed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is bonding still in place, which covers this proposed well? Bond No. <u>LPM9149893</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) Beverly Decker Title Sr Engineering Technician
 Signature *Beverly Decker* Date _____
 Representing (company name) Berry Petroleum Company LLC and Linn Operating, Inc

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

Berry Petroleum Company, LLC (N4075) to Linn Operating, Inc. (N4115)
Effective June 1, 2014

Well Name	Section	TWN	RNG	API Number	Entity	Mineral Lease	Well Type	Well Status	Unit
Z and T UTE TRIBAL 2-21	21	050S	040W	4301331280	11130	Indian	WI	A	BRUNDAGE CANYON
UTE TRIBAL 12-30-54	30	050S	040W	4301332747	14747	Indian	WI	A	BRUNDAGE CANYON
UTE TRIBAL 14-30-54	30	050S	040W	4301332748	14778	Indian	WI	A	BRUNDAGE CANYON
UTE TRIBAL 10-30D-54	30	050S	040W	4301332893	15246	Indian	WI	A	BRUNDAGE CANYON
UTE TRIBAL 6-30-54	30	050S	040W	4301332975	15300	Indian	WI	A	BRUNDAGE CANYON
UTE TRIBAL 1-21-54	21	050S	040W	4301333388	15937	Indian	WI	A	BRUNDAGE CANYON
UTE TRIBAL 13-17D-55	17	050S	050W	4301333550		Indian	OW	APD	
UTE TRIBAL 11-14D-54	14	050S	040W	4301333596		Indian	OW	APD	
UTE TRIBAL 16-17D-55	17	050S	050W	4301333622		Indian	OW	APD	
UTE TRIBAL 15-28D-55	28	050S	050W	4301333623		Indian	OW	APD	
LC TRIBAL 14-16D-56	16	050S	060W	4301334283		Indian	OW	APD	
FEDERAL 10-10D-65	10	060S	050W	4301350523		Federal	OW	APD	
LC TRIBAL 3-23D-56	23	050S	060W	4301350624		Indian	OW	APD	
FEDERAL 2-1D-64	1	060S	040W	4301350765		Federal	OW	APD	
FEDERAL 7-1D-64	1	060S	040W	4301350766		Federal	OW	APD	
FEDERAL 9-1D-64	1	060S	040W	4301350767		Federal	OW	APD	
LC TRIBAL 1-28D-56	28	050S	060W	4301350865		Indian	OW	APD	
LC TRIBAL 13H-9-56	10	050S	060W	4301350874		Indian	OW	APD	
CC FEE 8-24-38	24	030S	080W	4301350885		Fee	OW	APD	
LC TRIBAL 4H-26-56	26	050S	060W	4301350951		Indian	OW	APD	
LC FEE 4H-12-57	12	050S	070W	4301350952		Fee	OW	APD	
CC TRIBAL 4-2-48	2	040S	080W	4301350964		Indian	OW	APD	
LC TRIBAL 5H-34-45	34	040S	050W	4301350974		Indian	OW	APD	
LC TRIBAL 11-34-45	34	040S	050W	4301350975		Indian	OW	APD	
LC TRIBAL 7-2D-56	2	050S	060W	4301350988		Indian	OW	APD	
LC TRIBAL 10-18D-56	18	050S	060W	4301350989		Indian	OW	APD	
CC TRIBAL 4-30D-38	19	030S	080W	4301350993		Indian	OW	APD	
FEDERAL 4-1-65	1	060S	050W	4301351016		Federal	OW	APD	
LC TRIBAL 3-16D-56	16	050S	060W	4301351032		Indian	OW	APD	
CC FEE 6-21-38	21	030S	080W	4301351059		Fee	OW	APD	
LC TRIBAL 13H-28-45	28	040S	050W	4301351061		Indian	OW	APD	
LC TRIBAL 5H-23-45	23	040S	050W	4301351071		Indian	OW	APD	
LC TRIBAL 4H-27-45	27	040S	050W	4301351072		Indian	OW	APD	
LC TRIBAL 16-27-45	27	040S	050W	4301351074		Indian	OW	APD	
LC TRIBAL 12-27-45	27	040S	050W	4301351075		Indian	OW	APD	
LC TRIBAL 16-23-45	23	040S	050W	4301351077		Indian	OW	APD	
LC TRIBAL 12H-30-56	30	050S	060W	4301351133		Indian	OW	APD	
LC TRIBAL 5-29D-56	29	050S	060W	4301351184		Indian	OW	APD	
LC TRIBAL 12H-19-56	19	050S	060W	4301351193		Indian	OW	APD	
LC FEE 15-11D-56	11	050S	060W	4301351197		Fee	OW	APD	
LC TRIBAL 13H-10-56	11	050S	060W	4301351209		Indian	OW	APD	
LC TRIBAL 2-31D-45	31	040S	050W	4301351261		Indian	OW	APD	
LC TRIBAL 13H-24-45	24	040S	050W	4301351273		Indian	OW	APD	
UTE TRIBAL 6-21D-55	21	050S	050W	4301351274		Indian	OW	APD	
UTE TRIBAL 15-16D-55	16	050S	050W	4301351284		Indian	OW	APD	
UTE TRIBAL 4H-15-55	15	050S	050W	4301351292		Indian	OW	APD	
UTE TRIBAL 13H-14-54	14	050S	040W	4301351297		Indian	OW	APD	
UTE TRIBAL 1-32-55	32	050S	050W	4301351298		Indian	OW	APD	
UTE TRIBAL 4-21D-55	21	050S	050W	4301351299		Indian	OW	APD	
LC TRIBAL 12-33-45	33	040S	050W	4301351301		Indian	OW	APD	
UTE TRIBAL 16-15D-55	15	050S	050W	4301351302		Indian	OW	APD	
UTE TRIBAL 2-24-55	24	050S	050W	4301351304		Indian	OW	APD	
LC TRIBAL 11-32D-56	32	050S	060W	4301351315		Indian	OW	APD	
LC TRIBAL 1-32D-56	32	050S	060W	4301351317		Indian	OW	APD	
LC TRIBAL 5H-32-56	32	050S	060W	4301351318		Indian	OW	APD	
LC TRIBAL 5H-33-45	33	040S	050W	4301351338		Indian	OW	APD	
LC TRIBAL 14-28-45	28	040S	050W	4301351339		Indian	OW	APD	
LC TRIBAL 16-32D-45	32	040S	050W	4301351340		Indian	OW	APD	
LC TRIBAL 3-31-45	31	040S	050W	4301351347		Indian	OW	APD	
LC TRIBAL 1-18D-56	18	050S	060W	4301351367		Indian	OW	APD	
LC TRIBAL 9-18D-56	18	050S	060W	4301351368		Indian	OW	APD	
LC FEE 9-23D-56	23	050S	060W	4301351380		Fee	OW	APD	
LC TRIBAL 1-34D-45	34	040S	050W	4301351382		Indian	OW	APD	
LC TRIBAL 12-21D-56	21	050S	060W	4301351383		Indian	OW	APD	
LC TRIBAL 7-29D-56	29	050S	060W	4301351386		Indian	OW	APD	

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UTE TRIBAL 6-15-55	15	050S	050W	4301351399	Indian	OW	APD
UTE TRIBAL 13H-21-55	21	050S	050W	4301351403	Indian	OW	APD
LC TRIBAL 6-16D-56	16	050S	060W	4301351406	Indian	OW	APD
LC TRIBAL 3-14D-56	14	050S	060W	4301351408	Indian	OW	APD
CC FEE 13-9D-37	9	030S	070W	4301351409	Fee	OW	APD
CC FEE 16-21D-38	21	030S	080W	4301351410	Fee	OW	APD
UTE TRIBAL 5H-10-54	10	050S	040W	4301351415	Indian	OW	APD
LC TRIBAL 13-6D-57	6	050S	070W	4301351417	Indian	OW	APD
LC TRIBAL 9-23-45	23	040S	050W	4301351432	Indian	OW	APD
LC TRIBAL 5-28D-56	29	050S	060W	4301351441	Indian	OW	APD
LC TRIBAL 15-20D-56	29	050S	060W	4301351443	Indian	OW	APD
LC FEE 14-1-56	1	050S	060W	4301351457	Fee	OW	APD
LC TRIBAL 5-3D-56	3	050S	060W	4301351459	Indian	OW	APD
LC Tribal 16-33-45	33	040S	050W	4301351463	Indian	OW	APD
LC TRIBAL 7-23D-56	23	050S	060W	4301351479	Indian	OW	APD
LC TRIBAL 4-7-56	7	050S	060W	4301351482	Indian	OW	APD
LC TRIBAL 3-2-56	2	050S	060W	4301351483	Indian	OW	APD
LC TRIBAL 12H-23-56	23	050S	060W	4301351488	Indian	OW	APD
CC TRIBAL 15-34D-38	2	040S	080W	4301351490	Indian	OW	APD
CC TRIBAL 14-35D-38	2	040S	080W	4301351491	Indian	OW	APD
CC TRIBAL 8-3D-48	2	040S	080W	4301351493	Indian	OW	APD
LC TRIBAL 12HH-31-45	32	040S	050W	4301351499	Indian	OW	APD
LC TRIBAL 1-10D-56	10	050S	060W	4301351510	Indian	OW	APD
LC TRIBAL 3-10D-56	10	050S	060W	4301351511	Indian	OW	APD
LC TRIBAL 7-10D-56	10	050S	060W	4301351512	Indian	OW	APD
LC TRIBAL 9-29D-56	29	050S	060W	4301351513	Indian	OW	APD
UTE TRIBAL 1-16-55	16	050S	050W	4301351519	Indian	OW	APD
CC Tribal 3-27D-38	27	030S	080W	4301351604	Indian	OW	APD
LC FEE 10-36D-56	36	050S	060W	4301351622	Fee	OW	APD
Myrin Fee 3-16D-55	16	050S	050W	4301351633	Fee	OW	APD
LC TRIBAL 12H-34-56	34	050S	060W	4301351634	Indian	OW	APD
UTE FEE 12-16D-55	16	050S	050W	4301351635	Fee	OW	APD
LC TRIBAL 15-27-56	27	050S	060W	4301351649	Indian	OW	APD
LC TRIBAL 11-27D-56	27	050S	060W	4301351650	Indian	OW	APD
LC TRIBAL 1-17-56	17	050S	060W	4301351704	Indian	OW	APD
LC Tribal 13-11D-58	11	050S	080W	4301351708	Indian	OW	APD
LC Tribal 15-11D-58	11	050S	080W	4301351709	Indian	OW	APD
LC Tribal 4HW-8-56	8	050S	060W	4301351710	Indian	OW	APD
LC FEE 1-11D-56	11	050S	060W	4301351712	Fee	OW	APD
LC TRIBAL 3-11D-56	11	050S	060W	4301351713	Indian	OW	APD
LC TRIBAL 7-11D-56	11	050S	060W	4301351714	Indian	OW	APD
LC TRIBAL 9-34D-45	34	040S	050W	4301351717	Indian	OW	APD
LC Tribal 8M-23-45	23	040S	050W	4301351722	Indian	OW	APD
LC TRIBAL 4-34D-45	34	040S	050W	4301351723	Indian	OW	APD
LC TRIBAL 7-34D-45	34	040S	050W	4301351724	Indian	OW	APD
LC Tribal 3-14D-58	11	050S	080W	4301351726	Indian	OW	APD
LC Tribal 11-11D-58	11	050S	080W	4301351729	Indian	OW	APD
LC TRIBAL 8-31D-56	31	050S	060W	4301351746	Indian	OW	APD
LC TRIBAL 13-34D-45	34	040S	050W	4301351747	Indian	OW	APD
LC Fee 2-6D-57	6	050S	070W	4301351749	Fee	OW	APD
LC Tribal 15-12D-58	12	050S	080W	4301351783	Indian	OW	APD
LC Tribal 9-12D-58	12	050S	080W	4301351784	Indian	OW	APD
LC Tribal 1-13D-58	12	050S	080W	4301351785	Indian	OW	APD
LC Tribal 13-7D-57	12	050S	080W	4301351786	Indian	OW	APD
LC Tribal 9-2D-58	2	050S	080W	4301351788	Indian	OW	APD
LC Tribal 1-2D-58	2	050S	080W	4301351789	Indian	OW	APD
LC Tribal 5-1D-58	2	050S	080W	4301351790	Indian	OW	APD
LC TRIBAL 12-31D-56	31	050S	060W	4301351799	Indian	OW	APD
LC TRIBAL 8-20D-56	20	050S	060W	4301351800	Indian	OW	APD
LC TRIBAL 6-31D-56	31	050S	060W	4301351801	Indian	OW	APD
LC Tribal 11-7D-57	7	050S	070W	4301351814	Indian	OW	APD
LC Tribal 5-7D-57	7	050S	070W	4301351815	Indian	OW	APD
LC Fee 15-6D-57	6	050S	070W	4301351816	Fee	OW	APD
LC Tribal 11-6D-57	6	050S	070W	4301351817	Indian	OW	APD
LC TRIBAL 9-27-56	27	050S	060W	4301351822	Indian	OW	APD
LC TRIBAL 7-27D-56	27	050S	060W	4301351823	Indian	OW	APD

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LC Fee 7-31D-45	31	040S	050W	4301351857	Fee	OW	APD
LC Tribal 5-31D-45	31	040S	050W	4301351858	Indian	OW	APD
LC Tribal 8-33-45	33	040S	050W	4301351859	Indian	OW	APD
LC Tribal 16-31-45	31	040S	050W	4301351863	Indian	OW	APD
LC Tribal 7-23D-45	23	040S	050W	4301351865	Indian	OW	APD
LC Tribal 1-23D-56	23	050S	060W	4301351866	Indian	OW	APD
LC TRIBAL 1-19-56	19	050S	060W	4301351867	Indian	OW	APD
LC TRIBAL 7-19D-56	19	050S	060W	4301351868	Indian	OW	APD
LC TRIBAL 9-4D-56	4	050S	060W	4301351869	Indian	OW	APD
LC Tribal 14-32D-45	32	040S	050W	4301351879	Indian	OW	APD
LC TRIBAL 7-17D-56	17	050S	060W	4301351886	Indian	OW	APD
LC TRIBAL 5-17D-56	17	050S	060W	4301351887	Indian	OW	APD
LC FEE 4-32D-45	31	040S	050W	4301351892	Fee	OW	APD
LC TRIBAL 9-2D-56	2	050S	060W	4301351893	Indian	OW	APD
LC TRIBAL 1-2D-56	2	050S	060W	4301351894	Indian	OW	APD
LC Tribal 15-23D-45	23	040S	050W	4301351895	Indian	OW	APD
LC TRIBAL 11-34D-56	34	050S	060W	4301351900	Indian	OW	APD
LC TRIBAL 9-5D-56	4	050S	060W	4301351901	Indian	OW	APD
LC Tribal 10-28D-45	28	040S	050W	4301351903	Indian	OW	APD
LC TRIBAL 13-20D-56	20	050S	060W	4301351904	Indian	OW	APD
Ute Tribal 14-17-55	17	050S	050W	4301351908	Indian	OW	APD
LC Tribal 3-27D-45	27	040S	050W	4301351911	Indian	OW	APD
LC TRIBAL 9-34D-56	34	050S	060W	4301351914	Indian	OW	APD
CC Fee 8R-9-37	9	030S	070W	4301351937	Fee	OW	APD
LC Tribal 10-33D-45	33	040S	050W	4301351939	Indian	OW	APD
LC Tribal 14-33D-45	33	040S	050W	4301351940	Indian	OW	APD
LC Tribal 10-27D-45	27	040S	050W	4301351941	Indian	OW	APD
LC Tribal 14-27D-45	27	040S	050W	4301351951	Indian	OW	APD
LC Tribal 6-33D-45	33	040S	050W	4301351955	Indian	OW	APD
LC Tribal 6-32D-45	32	040S	050W	4301351956	Indian	OW	APD
Federal 3-11D-65	11	060S	050W	4301351982	Federal	OW	APD
Federal 2-4-64	4	060S	040W	4301351983	Federal	OW	APD
Federal 5-11D-65	11	060S	050W	4301351984	Federal	OW	APD
Federal 7-4D-64	4	060S	040W	4301351985	Federal	OW	APD
Federal 3-4D-64	4	060S	040W	4301351986	Federal	OW	APD
Federal 8-4D-64	4	060S	040W	4301351988	Federal	OW	APD
Federal 6-4D-64	4	060S	040W	4301351989	Federal	OW	APD
Federal 7-9D-64	9	060S	040W	4301351990	Federal	OW	APD
Federal 4-4D-64	4	060S	040W	4301351991	Federal	OW	APD
Federal 9-4D-64	4	060S	040W	4301352004	Federal	OW	APD
Federal 10-4D-64	4	060S	040W	4301352011	Federal	OW	APD
Federal 3-9D-64	9	060S	040W	4301352015	Federal	OW	APD
Federal 1-9D-64	9	060S	040W	4301352020	Federal	OW	APD
Federal 6-9-64	9	060S	040W	4301352021	Federal	OW	APD
Federal 8-9D-64	9	060S	040W	4301352023	Federal	OW	APD
Federal 1-4D-64	4	060S	040W	4301352025	Federal	OW	APD
Federal 16-4D-64	4	060S	040W	4301352026	Federal	OW	APD
LC Tribal 10-23D-45	23	040S	050W	4301352029	Indian	OW	APD
Federal 15-4D-64	4	060S	040W	4301352032	Federal	OW	APD
Federal 5-9D-64	9	060S	040W	4301352035	Federal	OW	APD
Federal 9-9D-64	9	060S	040W	4301352036	Federal	OW	APD
Federal 11-9D-64	9	060S	040W	4301352037	Federal	OW	APD
Federal 12-9D-64	9	060S	040W	4301352038	Federal	OW	APD
Federal 13-9D-64	9	060S	040W	4301352039	Federal	OW	APD
FEDERAL 14-9D-64	9	060S	040W	4301352040	Federal	OW	APD
Federal 10-9D-64	9	060S	040W	4301352041	Federal	OW	APD
Federal 2-9D-64	9	060S	040W	4301352042	Federal	OW	APD
Federal 15-9D-64	9	060S	040W	4301352043	Federal	OW	APD
Federal 16-9D-64	9	060S	040W	4301352044	Federal	OW	APD
LC Tribal 10-32D-45	32	040S	050W	4301352065	Indian	OW	APD
LC Tribal 16-28D-45	28	040S	050W	4301352073	Indian	OW	APD
LC Tribal 15-24D-45	24	040S	050W	4301352074	Indian	OW	APD
LC Tribal 13-17D-56	17	050S	060W	4301352076	Indian	OW	APD
LC Tribal 15-17D-56	17	050S	060W	4301352077	Indian	OW	APD
LC Tribal 5-26D-56	26	050S	060W	4301352097	Indian	OW	APD
LC Tribal 11-26D-56	26	050S	060W	4301352098	Indian	OW	APD

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LC Tribal 13-26D-56	26	050S	060W	4301352099	Indian	OW	APD	
LC Tribal 2-27D-45	27	040S	050W	4301352100	Indian	OW	APD	
LC Tribal 8-27D-45	27	040S	050W	4301352101	Indian	OW	APD	
LC Tribal 4-9D-56	9	050S	060W	4301352102	Indian	OW	APD	
LC Tribal 8-32D-45	32	040S	050W	4301352135	Indian	OW	APD	
UTE Tribal 15-24D-54	24	050S	040W	4301352156	Indian	GW	APD	
UTE Tribal 9-24D-54	24	050S	040W	4301352157	Indian	GW	APD	
UTE Tribal 1-25D-54	25	050S	040W	4301352173	Indian	GW	APD	
UTE Tribal 9-25D-54	25	050S	040W	4301352177	Indian	GW	APD	
Myrin Tribal 9-10D-55	10	050S	050W	4301352189	Indian	OW	APD	
Myrin Tribal 16-10D-55	10	050S	050W	4301352190	Indian	OW	APD	
Myrin Tribal 10-10D-55	10	050S	050W	4301352191	Indian	OW	APD	
UTE Tribal 1-24D-54	24	050S	040W	4301352304	Indian	GW	APD	
UTE Tribal 7-24D-54	24	050S	040W	4301352306	Indian	GW	APD	
UTE Tribal 12-25D-54	25	050S	040W	4301352308	Indian	GW	APD	
UTE Tribal 4-13D-54	13	050S	040W	4301352321	Indian	GW	APD	
UTE Tribal 13-25D-54	25	050S	040W	4301352322	Indian	GW	APD	
Abbott Fee 1-6D-54	6	050S	040W	4301352324	Fee	OW	APD	
Abbott Fee 7-6D-54	6	050S	040W	4301352327	Fee	OW	APD	
UTE Tribal 3-24D-54	24	050S	040W	4301352347	Indian	GW	APD	
UTE Tribal 5-24D-54	24	050S	040W	4301352348	Indian	GW	APD	
State Tribal 7-12D-55	12	050S	050W	4301352369	Indian	OW	APD	
State Tribal 14-1D-55	1	050S	050W	4301352372	Indian	OW	APD	
State Tribal 11-1D-55	1	050S	050W	4301352373	Indian	OW	APD	
State Tribal 13-1D-55	1	050S	050W	4301352374	Indian	OW	APD	
State Tribal 12-2D-55	2	050S	050W	4301352391	Indian	OW	APD	
State Tribal 14-2D-55	2	050S	050W	4301352392	Indian	OW	APD	
State Tribal 13-2D-55	2	050S	050W	4301352393	Indian	OW	APD	
State Tribal 14-3D-55	3	050S	050W	4301352430	Indian	OW	APD	
State Tribal 11-3D-55	3	050S	050W	4301352434	Indian	OW	APD	
State Tribal 13-3D-55	3	050S	050W	4301352435	Indian	OW	APD	
UTE TRIBAL 2-5D-55	5	050S	050W	4301352450	Indian	OW	APD	
Ute Tribal 1-5D-55	5	050S	050W	4301352456	Indian	OW	APD	BRUNDAGE CANYON
Ute Tribal 7-5-55	5	050S	050W	4301352459	Indian	OW	APD	
Ute Tribal 3-16D-54	9	050S	040W	4301352467	Indian	OW	APD	
State Tribal 1-3D-55	3	050S	050W	4301352471	Indian	OW	APD	
State Tribal 2-3D-55	3	050S	050W	4301352472	Indian	OW	APD	
State Tribal 7-3D-55	3	050S	050W	4301352473	Indian	OW	APD	
State Tribal 8-3D-55	3	050S	050W	4301352474	Indian	OW	APD	
UTE FEE 10-9D-54	9	050S	040W	4301352475	Fee	OW	APD	
UTE FEE 12-9D-54	9	050S	040W	4301352476	Fee	OW	APD	
UTE FEE 16-9D-54	9	050S	040W	4301352478	Fee	OW	APD	
Ute Tribal 2-16D-54	9	050S	040W	4301352481	Indian	OW	APD	
Federal 14-6D-65	6	060S	050W	4301352495	Federal	OW	APD	
Federal 13-6D-65	6	060S	050W	4301352496	Federal	OW	APD	
Federal 11-6D-65	6	060S	050W	4301352497	Federal	OW	APD	
Federal 10-6D-65	6	060S	050W	4301352498	Federal	OW	APD	
State Tribal 3-3D-55	3	050S	050W	4301352532	Indian	OW	APD	
State Tribal 4-3D-55	3	050S	050W	4301352533	Indian	OW	APD	
State Tribal 5-3D-55	3	050S	050W	4301352535	Indian	OW	APD	
State Tribal 6-3D-55	3	050S	050W	4301352536	Indian	OW	APD	
Federal 2-7D-65	7	060S	050W	4301352537	Federal	OW	APD	
Federal 5-7D-65	7	060S	050W	4301352538	Federal	OW	APD	
Federal 4-7D-65	7	060S	050W	4301352541	Federal	OW	APD	
UTE FEE 11-9D-54	9	050S	040W	4301352544	Fee	OW	APD	
UTE TRIBAL 15-12D-55	12	050S	050W	4301352549	Indian	OW	APD	
UTE TRIBAL 6-5D-55	5	050S	050W	4301352556	Indian	OW	APD	
UTE TRIBAL 5-5D-55	5	050S	050W	4301352557	Indian	OW	APD	
UTE TRIBAL 4-5D-55	5	050S	050W	4301352558	Indian	OW	APD	
UTE TRIBAL 3-5D-55	5	050S	050W	4301352559	Indian	OW	APD	
Federal 3-7-65	7	060S	050W	4301352560	Federal	OW	APD	
Ute Tribal 9-11D-55	11	050S	050W	4301352564	Indian	OW	APD	
UTE TRIBAL 10-11D-55	11	050S	050W	4301352566	Indian	OW	APD	
UTE TRIBAL 15-11D-55	11	050S	050W	4301352567	Indian	OW	APD	
Federal 1-7D-65	6	060S	050W	4301352589	Federal	OW	APD	
Federal 16-6D-65	6	060S	050W	4301352590	Federal	OW	APD	

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Federal 15-6D-65	6	060S	050W	4301352591	Federal	OW	APD
UTE TRIBAL 14-12D-55	12	050S	050W	4301352592	Indian	OW	APD
UTE TRIBAL 13-12D-55	12	050S	050W	4301352593	Indian	OW	APD
UTE TRIBAL 10-11D-54	11	050S	040W	4301352603	Indian	OW	APD
UTE TRIBAL 9-11D-54	11	050S	040W	4301352604	Indian	OW	APD
UTE TRIBAL 15-11-54	11	050S	040W	4301352605	Indian	OW	APD
UTE TRIBAL 16-11D-54	11	050S	040W	4301352606	Indian	OW	APD
UTE TRIBAL 14-11D-55	11	050S	050W	4301352610	Indian	OW	APD
UTE TRIBAL 13-11D-55	11	050S	050W	4301352611	Indian	OW	APD
UTE TRIBAL 12-11D-55	11	050S	050W	4301352612	Indian	OW	APD
UTE TRIBAL 11-11D-55	11	050S	050W	4301352613	Indian	OW	APD
Federal 6-7D-65	7	060S	050W	4301352682	Federal	OW	APD
Federal 11-7D-65	7	060S	050W	4301352683	Federal	OW	APD
Federal 10-7D-65	7	060S	050W	4301352684	Federal	OW	APD
Federal 7-7D-65	7	060S	050W	4301352685	Federal	OW	APD
UTE TRIBAL 14-30D-55	30	050S	050W	4301352687	Indian	OW	APD
UTE TRIBAL 13-30D-55	30	050S	050W	4301352688	Indian	OW	APD
UTE TRIBAL 12-30D-55	30	050S	050W	4301352689	Indian	OW	APD
UTE TRIBAL 11-30D-55	30	050S	050W	4301352690	Indian	OW	APD
UTE TRIBAL 7-17D-55	17	050S	050W	4301352691	Indian	OW	APD
UTE TRIBAL 6-17D-55	17	050S	050W	4301352692	Indian	OW	APD
UTE TRIBAL 3-17D-55	17	050S	050W	4301352693	Indian	OW	APD
UTE TRIBAL 2-17D-55	17	050S	050W	4301352694	Indian	OW	APD
UTE TRIBAL 4-17D-55	17	050S	050W	4301352695	Indian	OW	APD
State Tribal 3-12D-55	12	050S	050W	4301352697	Indian	OW	APD
State Tribal 4-12D-55	12	050S	050W	4301352698	Indian	OW	APD
UTE TRIBAL 12-31D-55	31	050S	050W	4301352699	Indian	OW	APD
UTE TRIBAL 13-31D-55	31	050S	050W	4301352700	Indian	OW	APD
UTE TRIBAL 14-31D-55	31	050S	050W	4301352701	Indian	OW	APD
UTE TRIBAL 14-13D-54	13	050S	040W	4301352702	Indian	OW	APD
UTE TRIBAL 11-31-55	31	050S	050W	4301352703	Indian	OW	APD
State Tribal 3-11D-55	11	050S	050W	4301352704	Indian	OW	APD
State Tribal 4-11D-55	11	050S	050W	4301352705	Indian	OW	APD
State Tribal 5-11D-55	11	050S	050W	4301352706	Indian	OW	APD
State Tribal 6-11D-55	11	050S	050W	4301352707	Indian	OW	APD
State Tribal 8-11D-55	11	050S	050W	4301352708	Indian	OW	APD
State Tribal 7-11D-55	11	050S	050W	4301352709	Indian	OW	APD
State Tribal 2-11D-55	11	050S	050W	4301352710	Indian	OW	APD
State Tribal 1-11D-55	11	050S	050W	4301352711	Indian	OW	APD
UTE TRIBAL 9-4D-55	4	050S	050W	4301352713	Indian	OW	APD
State Tribal 2-10D-55	10	050S	050W	4301352714	Indian	OW	APD
State Tribal 7-10D-55	10	050S	050W	4301352715	Indian	OW	APD
State Tribal 8-10D-55	10	050S	050W	4301352716	Indian	OW	APD
UTE TRIBAL 10-4D-55	4	050S	050W	4301352717	Indian	OW	APD
UTE TRIBAL 15-4D-55	4	050S	050W	4301352718	Indian	OW	APD
State Tribal 1-10D-55	10	050S	050W	4301352720	Indian	OW	APD
UTE TRIBAL 16-4D-55	4	050S	050W	4301352721	Indian	OW	APD
State Tribal 3-10D-55	10	050S	050W	4301352723	Indian	OW	APD
State Tribal 4-10D-55	10	050S	050W	4301352724	Indian	OW	APD
State Tribal 5-10D-55	10	050S	050W	4301352725	Indian	OW	APD
State Tribal 6-10D-55	10	050S	050W	4301352726	Indian	OW	APD
UTE TRIBAL 11-5D-55	5	050S	050W	4301352727	Indian	OW	APD
UTE TRIBAL 12-5D-55	5	050S	050W	4301352728	Indian	OW	APD
UTE TRIBAL 13-5D-55	5	050S	050W	4301352729	Indian	OW	APD
UTE TRIBAL 14-5D-55	5	050S	050W	4301352730	Indian	OW	APD
UTE TRIBAL 9-30D-55	30	050S	050W	4301352731	Indian	OW	APD
State Tribal 15-2D-55	2	050S	050W	4301352732	Indian	OW	APD
State Tribal 16-2D-55	2	050S	050W	4301352733	Indian	OW	APD
State Tribal 10-2D-55	2	050S	050W	4301352734	Indian	OW	APD
State Tribal 9-2D-55	2	050S	050W	4301352735	Indian	OW	APD
UTE TRIBAL 10-30D-55	30	050S	050W	4301352736	Indian	OW	APD
UTE TRIBAL 15-30D-55	30	050S	050W	4301352737	Indian	OW	APD
UTE TRIBAL 16-30D-55	30	050S	050W	4301352738	Indian	OW	APD
Myrin Tribal 9-19D-55	19	050S	050W	4301352739	Indian	OW	APD
State Tribal 16-3D-55	3	050S	050W	4301352740	Indian	OW	APD
State Tribal 15-3D-55	3	050S	050W	4301352741	Indian	OW	APD

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State Tribal 10-3D-55	3	050S	050W	4301352742		Indian	OW	APD	
State Tribal 9-3D-55	3	050S	050W	4301352743		Indian	OW	APD	
Myrin Tribal 15-19D-55	19	050S	050W	4301352744		Indian	OW	APD	
Myrin Tribal 13-19D-55	19	050S	050W	4301352745		Indian	OW	APD	
Myrin Tribal 12-19D-55	19	050S	050W	4301352746		Indian	OW	APD	
UTE TRIBAL 5-4D-55	4	050S	050W	4301352747		Indian	OW	APD	
UTE TRIBAL 4-4D-55	4	050S	050W	4301352748		Indian	OW	APD	
UTE TRIBAL 3-4D-55	4	050S	050W	4301352749		Indian	OW	APD	
UTE TRIBAL 6-4D-55	4	050S	050W	4301352754		Indian	OW	APD	
UTE TRIBAL 3-31D-55	31	050S	050W	4301352757		Indian	OW	APD	
UTE TRIBAL 5-31D-55	31	050S	050W	4301352758		Indian	OW	APD	
UTE TRIBAL 6-31D-55	31	050S	050W	4301352759		Indian	OW	APD	
UTE TRIBAL 7-31D-55	31	050S	050W	4301352764		Indian	OW	APD	
Myrin Tribal 11-19D-55	19	050S	050W	4301352765		Indian	OW	APD	
Federal 8-14D-65	14	060S	050W	4301352767		Federal	OW	APD	
Federal 7-14D-65	14	060S	050W	4301352768		Federal	OW	APD	
Federal 2-14D-65	14	060S	050W	4301352769		Federal	OW	APD	
Federal 1-14D-65	14	060S	050W	4301352770		Federal	OW	APD	
UTE TRIBAL 8-5D-55	5	050S	050W	4301352773		Indian	OW	APD	
UTE TRIBAL 4-31D-55	31	050S	050W	4301352795		Indian	OW	APD	
UTE TRIBAL 4-30D-55	30	050S	050W	4301352796		Indian	OW	APD	
UTE TRIBAL 5-30D-55	30	050S	050W	4301352797		Indian	OW	APD	
UTE TRIBAL 7-30D-55	30	050S	050W	4301352799		Indian	OW	APD	
Federal 1-13D-65	13	060S	050W	4301352800		Federal	OW	APD	
Federal 7-13D-65	13	060S	050W	4301352802		Federal	OW	APD	
UTE TRIBAL 1-30D-55	30	050S	050W	4301352809		Indian	OW	APD	
LC TRIBAL 6-25D-56	25	050S	060W	4301352810		Indian	OW	APD	
LC TRIBAL 4-25D-56	25	050S	060W	4301352812		Indian	OW	APD	
Federal 6-13D-65	13	060S	050W	4301352813		Federal	OW	APD	
Federal 4-13D-65	13	060S	050W	4301352814		Federal	OW	APD	
Federal 3-13D-65	13	060S	050W	4301352815		Federal	OW	APD	
Federal 3-16D-64	16	060S	040W	4301352823		Federal	OW	APD	
Federal 4-16D-64	16	060S	040W	4301352824		Federal	OW	APD	
Federal 5-16D-64	16	060S	040W	4301352825		Federal	OW	APD	
Federal 6-16D-64	16	060S	040W	4301352826		Federal	OW	APD	
Federal 5-13D-65	13	060S	050W	4301352827		Federal	OW	APD	
LC TRIBAL 1-25D-56	25	050S	060W	4301352835		Indian	OW	APD	
LC TRIBAL 2-25D-56	25	050S	060W	4301352836		Indian	OW	APD	
LC TRIBAL 8-25D-56	25	050S	060W	4301352837		Indian	OW	APD	
UTE FEE 1-13D-55	13	050S	050W	4301352838		Fee	OW	APD	
LC TRIBAL 9-25D-56	25	050S	060W	4301352840		Indian	OW	APD	
LC TRIBAL 15-25-56	25	050S	060W	4301352844		Indian	OW	APD	
Federal 9-5D-65	5	060S	050W	4301352846		Federal	OW	APD	
Federal 10-5D-65	5	060S	050W	4301352847		Federal	OW	APD	
LC TRIBAL 16-25D-56	25	050S	060W	4301352848		Indian	OW	APD	
LC TRIBAL 10-25D-56	25	050S	060W	4301352849		Indian	OW	APD	
UTE TRIBAL 8-30D-55	29	050S	050W	4301352855		Indian	OW	APD	
UTE TRIBAL 9-29D-55	29	050S	050W	4301352870		Indian	OW	APD	
UTE TRIBAL 6-24D-55	24	050S	050W	4301352871		Indian	OW	APD	
UTE TRIBAL 16-17D-55	17	050S	050W	4301352872		Indian	OW	APD	
UTE TRIBAL 13-27D-55	27	050S	050W	4301352882		Indian	OW	APD	
UTE TRIBAL 4-29D-55	29	050S	050W	4301352883		Indian	OW	APD	
UTE TRIBAL 1-29D-55	29	050S	050W	4301352884		Indian	OW	APD	
Federal 4-2D-65	2	060S	050W	4301352885		Federal	OW	APD	
Federal 5-2D-65	2	060S	050W	4301352886		Federal	OW	APD	
Federal 12-2D-65	2	060S	050W	4301352887		Federal	OW	APD	
LC TRIBAL 12-25D-56	25	050S	060W	4301352888		Indian	OW	APD	
LC TRIBAL 13-25D-56	25	050S	060W	4301352890		Indian	OW	APD	
LC TRIBAL 14-25D-56	25	050S	060W	4301352891		Indian	OW	APD	
Federal 15-3D-65	3	060S	050W	4301352892		Federal	OW	APD	
Federal 9-3D-65	3	060S	050W	4301352893		Federal	OW	APD	
Federal 8-3D-65	3	060S	050W	4301352894		Federal	OW	APD	
Federal 6-3D-65	3	060S	050W	4301352895		Federal	OW	APD	
UTE TRIBAL 6-28D-55	28	050S	050W	4301334056	18593	Indian	OW	DRL	
MOON TRIBAL 9-27D-54	27	050S	040W	4301334108	19095	Indian	OW	DRL	
LC TRIBAL 9-16D-56	16	050S	060W	4301350600	99999	Indian	OW	DRL	

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FEDERAL 15-6D-64	6	060S	040W	4301351219	18793	Federal	OW	DRL
UTE TRIBAL 9-21D-55	21	050S	050W	4301351258	19401	Indian	OW	DRL
STATE TRIBAL 2-12D-55	12	050S	050W	4301351310	19444	Indian	OW	DRL
UTE TRIBAL 7-10D-54	10	050S	040W	4301351365	19391	Indian	OW	DRL
LC TRIBAL 9-26D-56	26	050S	060W	4301351381	19433	Indian	OW	DRL
UTE TRIBAL 8-17D-55	17	050S	050W	4301351413	19388	Indian	OW	DRL
LC TRIBAL 9-24D-45	24	040S	050W	4301351431	18861	Indian	OW	DRL
LC TRIBAL 2-29D-45	29	040S	050W	4301351705	99999	Indian	OW	DRL
LC TAYLOR FEE 14-22D-56	22	050S	060W	4301351744	19508	Fee	OW	DRL
LC FEE 14-6D-56	6	050S	060W	4301351787	18910	Fee	OW	DRL
LC FEE 15-6-56	6	050S	060W	4301351792	19334	Fee	OW	DRL
LC Fee 14-36D-56	36	050S	060W	4301351878	19376	Fee	OW	DRL
LC Fee 12-36-56	36	050S	060W	4301351883	19377	Fee	OW	DRL
LC Tribal 6-29D-45	29	040S	050W	4301351902	19402	Indian	OW	DRL
Federal 4-6D-65	6	060S	050W	4301352005	19173	Federal	OW	DRL
Federal 12-6D-65	6	060S	050W	4301352006	19174	Federal	OW	DRL
UTE Tribal 14-18D-54	18	050S	040W	4301352213	19509	Indian	GW	DRL
UTE Tribal 15-31D-55	31	050S	050W	4301352309	19472	Indian	GW	DRL
UTE Tribal 16-31D-55	31	050S	050W	4301352318	19473	Indian	GW	DRL
State Tribal 1-12D-55	12	050S	050W	4301352390	19445	Indian	OW	DRL
State Tribal 16-6D-54	6	050S	040W	4301352394	19424	Indian	OW	DRL
State Tribal 10-6D-54	6	050S	040W	4301352395	19425	Indian	OW	DRL
State Tribal 9-6D-54	6	050S	040W	4301352396	19426	Indian	OW	DRL
State Tribal 7-7D-54	7	050S	040W	4301352426	19496	Indian	OW	DRL
State Tribal 1-7D-54	7	050S	040W	4301352427	19497	Indian	OW	DRL
State Tribal 2-7D-54	7	050S	040W	4301352428	19498	Indian	OW	DRL
State Tribal 3-7D-54	7	050S	040W	4301352429	19517	Indian	OW	DRL
State Tribal 4-7D-54	7	050S	040W	4301352431	99999	Indian	OW	DRL
State Tribal 5-7D-54	7	050S	040W	4301352432	99999	Indian	OW	DRL
State Tribal 6-7D-54	7	050S	040W	4301352433	19518	Indian	OW	DRL
State Tribal 11-6D-54	6	050S	040W	4301352452	19474	Indian	OW	DRL
State Tribal 12-6D-54	6	050S	040W	4301352453	19475	Indian	OW	DRL
State Tribal 13-6D-54	6	050S	040W	4301352454	19476	Indian	OW	DRL
State Tribal 14-6D-54	6	050S	040W	4301352455	19477	Indian	OW	DRL
Ute Tribal 1-9D-54	9	050S	040W	4301352465	19356	Indian	OW	DRL
Ute Tribal 7-9D-54	9	050S	040W	4301352466	19357	Indian	OW	DRL
UTE TRIBAL 12-5D-54	5	050S	040W	4301352480	19499	Indian	OW	DRL
UTE TRIBAL 13-5D-54	5	050S	040W	4301352484	19500	Indian	OW	DRL
UTE TRIBAL 14-5D-54	5	050S	040W	4301352493	19510	Indian	OW	DRL
State Tribal 13-11D-54	10	050S	040W	4301352561	19519	Indian	OW	DRL
State Tribal 1-18D-54	18	050S	040W	4301352568	19434	Indian	OW	DRL
State Tribal 2-18D-54	18	050S	040W	4301352576	19427	Indian	OW	DRL
State Tribal 8-18D-54	18	050S	040W	4301352577	19428	Indian	OW	DRL
State Tribal 4-18D-54	18	050S	040W	4301352607	19435	Indian	OW	DRL
State Tribal 3-18D-54	18	050S	040W	4301352608	19436	Indian	OW	DRL
State Tribal 6-18D-54	18	050S	040W	4301352609	19437	Indian	OW	DRL
State Tribal 5-12-55	12	050S	050W	4301352643	19446	Indian	OW	DRL
State Tribal 12-12D-55	12	050S	050W	4301352644	19447	Indian	OW	DRL
State Tribal 6-12D-55	12	050S	050W	4301352645	19438	Indian	OW	DRL
State Tribal 16-1D-55	1	050S	050W	4301352646	19483	Indian	OW	DRL
State Tribal 15-1D-55	1	050S	050W	4301352647	19484	Indian	OW	DRL
State Tribal 10-1D-55	1	050S	050W	4301352648	19485	Indian	OW	DRL
State Tribal 9-1D-55	1	050S	050W	4301352649	19486	Indian	OW	DRL
LC FEE 16-15D-56	14	050S	060W	4301352655	19520	Fee	OW	DRL
LC Tribal 2-22D-56	22	050S	060W	4301352663	99999	Indian	OW	DRL
LC Tribal 3-22D-56	22	050S	060W	4301352664	99999	Indian	OW	DRL
Federal 2-13-65	13	060S	050W	4301352801	19501	Federal	OW	DRL
Federal 8-13D-65	13	060S	050W	4301352803	19502	Federal	OW	DRL
Federal 12-8D-64	7	060S	040W	4301352832	99999	Federal	OW	DRL
Federal 5-8D-64	7	060S	040W	4301352833	99999	Federal	OW	DRL
Federal 4-8D-64	7	060S	040W	4301352834	99999	Federal	OW	DRL
Federal 3-8D-64	5	060S	040W	4301352845	19503	Federal	OW	DRL
LC TRIBAL 4H-31-56	31	050S	060W	4301351738		Indian	OW	NEW
Federal 14-7D-65	31	050S	060W	4301351910		Indian	OW	NEW
LC Fee 11-22-57	22	050S	070W	4301352127		Fee	OW	NEW
LC Fee 13-22D-57	22	050S	070W	4301352131		Fee	OW	NEW

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LC Tribal 5-22D-57	22	050S	070W	4301352133		Indian	OW	NEW	
LC Tribal 15-22D-57	22	050S	070W	4301352134		Indian	OW	NEW	
LC Tribal 11-18D-56	18	050S	060W	4301352140		Indian	OW	NEW	
LC Tribal 13-18D-56	18	050S	060W	4301352141		Indian	OW	NEW	
LC Tribal 15-18D-56	18	050S	060W	4301352142		Indian	OW	NEW	
LC Tribal 7-18D-56	18	050S	060W	4301352153		Indian	OW	NEW	
LC Tribal 5-18D-56	18	050S	060W	4301352154		Indian	OW	NEW	
LC Tribal 3-18-56	18	050S	060W	4301352155		Indian	OW	NEW	
LC Tribal 6-19D-56	19	050S	060W	4301352247		Indian	OW	NEW	
LC Tribal 4-19D-56	19	050S	060W	4301352248		Indian	OW	NEW	
Abbott Fee 3-6D-54	6	050S	040W	4301352325		Fee	OW	NEW	
LC Fee 9-11D-56	11	050S	060W	4301352479		Fee	OW	NEW	
Williams Tribal 8-4D-54	4	050S	040W	4301352650		Indian	OW	NEW	
Williams Tribal 7-4D-54	4	050S	040W	4301352651		Indian	OW	NEW	
Williams Tribal 2-4D-54	4	050S	040W	4301352652		Indian	OW	NEW	
Williams Tribal 1-4D-54	4	050S	040W	4301352653		Indian	OW	NEW	
Federal 9-8D-64	9	060S	040W	4301352880		Federal	OW	NEW	
Federal 16-8D-64	9	060S	040W	4301352881		Federal	OW	NEW	
LC Nielsen Tribal 6-33D-56	33	050S	060W	4301352896		Indian	OW	NEW	
LC Nielsen Tribal 2-33D-56	33	050S	060W	4301352897		Indian	OW	NEW	
LC Nielsen Tribal 4-33D-56	33	050S	060W	4301352898		Indian	OW	NEW	
LC Nielsen Tribal 5-33D-56	33	050S	060W	4301352899		Indian	OW	NEW	
UTE FEE 13-9D-54	9	050S	040W	4301352906		Fee	OW	NEW	
UTE FEE 2-34D-55	27	050S	050W	4301352971		Fee	OW	NEW	
Federal 13-7D-65	7	060S	050W	4301352974		Federal	OW	NEW	
Federal 14-7D-65	7	060S	050W	4301352975		Federal	OW	NEW	
UTE TRIBAL 6-27D-55	27	050S	050W	4301352976		Indian	OW	NEW	
LC Nielsen Tribal 12-27D-56	27	050S	060W	4301352977		Indian	OW	NEW	
LC Nielsen Tribal 13-27D-56	27	050S	060W	4301352978		Indian	OW	NEW	
LC Nielsen Tribal 16-28D-56	27	050S	060W	4301352979		Indian	OW	NEW	
LC Nielsen Fee 9-28D-56	27	050S	060W	4301352980		Fee	OW	NEW	
LC FEE 9-36D-56	36	050S	060W	4301352982		Fee	OW	NEW	
LC FEE 15-36D-56	36	050S	060W	4301352983		Fee	OW	NEW	
LC TRIBAL 6-36D-56	36	050S	060W	4301352984		Indian	OW	NEW	
LC TRIBAL 5-36D-56	36	050S	060W	4301352985		Indian	OW	NEW	
LC TRIBAL 4-36D-56	36	050S	060W	4301352986		Indian	OW	NEW	
LC TRIBAL 3-36D-56	36	050S	060W	4301352987		Indian	OW	NEW	
LC TRIBAL 2-35D-56	35	050S	060W	4301352988		Indian	OW	NEW	
LC TRIBAL 1-35D-56	35	050S	060W	4301352989		Indian	OW	NEW	
UTE TRIBAL 13-3R-54	3	050S	040W	4301330924	9488	Indian	OW	OPS	
UTE TRIBAL 3-20D-55	20	050S	050W	4301333280	18424	Indian	OW	OPS	
LC TRIBAL 4H-17-56	17	050S	060W	4301333540	18067	Indian	OW	OPS	
LC TRIBAL 16-21-46	21	040S	060W	4301333575	16156	Indian	OW	OPS	
UTE TRIBAL 8-20D-55	20	050S	050W	4301333676	17308	Indian	OW	OPS	
UTE TRIBAL 14-14D-55	14	050S	050W	4301333699	18409	Indian	OW	OPS	
UTE TRIBAL 5-29D-55	29	050S	050W	4301333740	17306	Indian	OW	OPS	
UTE TRIBAL 7-32D-55	32	050S	050W	4301333794	18359	Indian	OW	OPS	
UTE TRIBAL 12-27D-55	27	050S	050W	4301333798	18360	Indian	OW	OPS	
FOY 9-33D-55	33	050S	050W	4301333802	17125	Fee	OW	OPS	
BERRY TRIBAL 2-23D-54	23	050S	040W	4301333805	18546	Indian	OW	OPS	
UTE TRIBAL 13-29D-55	29	050S	050W	4301333807	18378	Indian	OW	OPS	
UTE TRIBAL 16-28D-55	28	050S	050W	4301333887	18594	Indian	OW	OPS	
LC FEE 8-15D-56	15	050S	060W	4301350597	19347	Fee	OW	OPS	
SFW FEE 13-10D-54	10	050S	040W	4301350892	19186	Fee	OW	OPS	
SFW TRIBAL 11-10D-54	10	050S	040W	4301350893	19215	Indian	OW	OPS	
LC TRIBAL 5HH-5-56	4	050S	060W	4301350927	18463	Indian	OW	OPS	
LC TRIBAL 16-34D-45	34	040S	050W	4301350977	18658	Indian	OW	OPS	
LC TRIBAL 3-4D-56	4	050S	060W	4301351000	18852	Indian	OW	OPS	
FEDERAL 7-12D-65	12	060S	050W	4301351058	18717	Federal	OW	OPS	
LC TRIBAL 2-33D-45	33	040S	050W	4301351402	18854	Indian	OW	OPS	
LC TRIBAL 9-3D-56	3	050S	060W	4301351514	18948	Indian	OW	OPS	
LC Tribal 3-34D-56	34	050S	060W	4301352087	19234	Indian	OW	OPS	
LC Tribal 7-34D-56	34	050S	060W	4301352088	19235	Indian	OW	OPS	
Ute Tribal 5-9D-54	9	050S	040W	4301352463	19354	Indian	OW	OPS	
Ute Tribal 3-9D-54	9	050S	040W	4301352464	19355	Indian	OW	OPS	
BC UTE TRIBAL 4-22	22	050S	040W	4301330755	2620	Indian	OW	P	

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B C UTE TRIBAL 16-16	16	050S	040W	4301330841	9489	Indian	OW	P	
B C UTE TRIBAL 14-15	15	050S	040W	4301330842	9440	Indian	OW	P	
UTE TRIBAL 1-32R	32	050S	040W	4301330872	13020	Indian	OW	P	
UTE TRIBAL 23-3R	23	050S	040W	4301330886	13034	Indian	OW	P	
S COTTONWOOD RIDGE UTE TRIBAL 1-19	19	050S	040W	4301330933	9845	Indian	OW	P	BRUNDAGE CANYON
TABBY CYN UTE TRIBAL 1-25	25	050S	050W	4301330945	9722	Indian	OW	P	
S BRUNDAGE UTE TRIBAL 1-30	30	050S	040W	4301330948	9850	Indian	OW	P	
SOWERS CYN UTE TRIBAL 3-26	26	050S	050W	4301330955	10423	Indian	OW	P	
UTE TRIBAL 3-24R-55 (REENTRY)	24	050S	050W	4301330960	15173	Indian	OW	P	
UTE TRIBAL 1-20	20	050S	040W	4301330966	9925	Indian	OW	P	
T C UTE TRIBAL 9-23X	23	050S	050W	4301330999	9720	Indian	OW	P	
UTE TRIBAL 15-24R	24	050S	050W	4301331129	11985	Indian	OW	P	
S BRUNDAGE CYN UTE TRIBAL 4-27	27	050S	040W	4301331131	9851	Indian	OW	P	
UTE TRIBAL 5-13	13	050S	050W	4301331152	10421	Indian	OW	P	
UTE TRIBAL 7-20R-54	20	050S	040W	4301331281	14088	Indian	OW	P	
Z and T UTE TRIBAL 7-19	19	050S	040W	4301331282	11131	Indian	OW	P	BRUNDAGE CANYON
UTE TRIBAL 13-19	19	050S	040W	4301331284	11134	Indian	OW	P	
Z and T UTE TRIBAL 7-25	25	050S	050W	4301331310	11416	Indian	OW	P	
UTE TRIBAL 13-17	17	050S	040W	4301331546	11921	Indian	OW	P	BRUNDAGE CANYON
UTE TRIBAL 11-19	19	050S	040W	4301331547	11920	Indian	OW	P	
UTE TRIBAL 13-22	22	050S	040W	4301331548	11926	Indian	OW	P	
UTE TRIBAL 1-28	28	050S	040W	4301331549	11925	Indian	OW	P	
UTE TRIBAL 4-30	30	050S	040W	4301331550	11914	Indian	OW	P	
UTE TRIBAL 15-16	16	050S	040W	4301331648	11951	Indian	OW	P	
UTE TRIBAL 16-18	18	050S	040W	4301331650	11946	Indian	OW	P	BRUNDAGE CANYON
UTE TRIBAL 5-20	20	050S	040W	4301331651	11957	Indian	OW	P	
UTE TRIBAL 15-23	23	050S	050W	4301331671	11989	Indian	OW	P	
TABBY CANYON 1-21	21	050S	050W	4301331699	12225	Indian	OW	P	
TABBY CANYON 8-22	22	050S	050W	4301331700	12008	Indian	OW	P	
SOWERS CANYON 9-27	27	050S	050W	4301331701	11997	Indian	OW	P	
UTE TRIBAL 3-19	19	050S	040W	4301331830	12197	Indian	OW	P	
UTE TRIBAL 9-19	19	050S	040W	4301331831	12175	Indian	OW	P	
UTE TRIBAL 15-19	19	050S	040W	4301331832	12180	Indian	OW	P	
UTE TRIBAL 2-25	25	050S	050W	4301331833	12153	Indian	OW	P	
UTE TRIBAL 3-25	25	050S	050W	4301331834	12152	Indian	OW	P	
UTE TRIBAL 11-24	24	050S	050W	4301331909	12190	Indian	OW	P	
UTE TRIBAL 13-24	24	050S	050W	4301331910	12217	Indian	OW	P	
UTE TRIBAL 11-25	25	050S	050W	4301331911	12182	Indian	OW	P	
UTE TRIBAL 1-26	26	050S	050W	4301331912	12235	Indian	OW	P	
UTE TRIBAL 2-19	19	050S	040W	4301332140	12795	Indian	OW	P	BRUNDAGE CANYON
UTE TRIBAL 6-25H	25	050S	050W	4301332143	12750	Indian	OW	P	
UTE TRIBAL 9-18	18	050S	040W	4301332144	12746	Indian	OW	P	BRUNDAGE CANYON
UTE TRIBAL 11-17	17	050S	040W	4301332145	12747	Indian	OW	P	BRUNDAGE CANYON
UTE TRIBAL 12-17	17	050S	040W	4301332146	12745	Indian	OW	P	BRUNDAGE CANYON
UTE TRIBAL 14-17	17	050S	040W	4301332147	12755	Indian	OW	P	BRUNDAGE CANYON
UTE TRIBAL 15-18	18	050S	040W	4301332148	12794	Indian	OW	P	BRUNDAGE CANYON
UTE TRIBAL 6-22	22	050S	040W	4301332163	12974	Indian	OW	P	
UTE TRIBAL 6-21	21	050S	040W	4301332164	12994	Indian	OW	P	
UTE TRIBAL 7-28	28	050S	040W	4301332166	12995	Indian	OW	P	
UTE TRIBAL 11-20	20	050S	040W	4301332168	12946	Indian	OW	P	
UTE TRIBAL 13-25	25	050S	050W	4301332169	12857	Indian	OW	P	
UTE TRIBAL 2-27	27	050S	040W	4301332179	12975	Indian	OW	P	
UTE TRIBAL 1-33	33	050S	040W	4301332185	13024	Indian	OW	P	
UTE TRIBAL 1-34	34	050S	040W	4301332186	13121	Indian	OW	P	
UTE TRIBAL 2-35	35	050S	050W	4301332187	13021	Indian	OW	P	
UTE TRIBAL 4-36	36	050S	050W	4301332188	13063	Indian	OW	P	
UTE TRIBAL 5-28	28	050S	040W	4301332189	13026	Indian	OW	P	
UTE TRIBAL 5-31	31	050S	040W	4301332190	13080	Indian	OW	P	
UTE TRIBAL 9-26	26	050S	040W	4301332191	13101	Indian	OW	P	
UTE TRIBAL 11-28	28	050S	040W	4301332192	13022	Indian	OW	P	
UTE TRIBAL 3-29	29	050S	040W	4301332193	13042	Indian	OW	P	
UTE TRIBAL 5-19	19	050S	040W	4301332204	13090	Indian	OW	P	
UTE TRIBAL 12-15	15	050S	040W	4301332205	13100	Indian	OW	P	
UTE TRIBAL 13-20	20	050S	040W	4301332206	13048	Indian	OW	P	
UTE TRIBAL 1-24-55	24	050S	050W	4301332259	13618	Indian	OW	P	
UTE TRIBAL 3-28-54	28	050S	040W	4301332261	13644	Indian	OW	P	

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UTE TRIBAL 5-24-55	24	050S	050W	4301332263	13621	Indian	OW	P	
UTE TRIBAL 5-26-55	26	050S	050W	4301332264	13642	Indian	OW	P	
UTE TRIBAL 6-36-55	36	050S	050W	4301332265	13600	Indian	OW	P	
UTE TRIBAL 9-24-55	24	050S	050W	4301332268	13620	Indian	OW	P	
UTE TRIBAL 11-23-55	23	050S	050W	4301332269	13572	Indian	OW	P	
UTE TRIBAL 15-25-55	25	050S	050W	4301332271	13566	Indian	OW	P	
UTE TRIBAL 16-14-55	14	050S	050W	4301332272	13567	Indian	OW	P	
UTE TRIBAL 15-27-55	27	050S	050W	4301332339	14020	Indian	OW	P	
UTE TRIBAL 5-15-55	15	050S	050W	4301332344	13606	Indian	OW	P	
UTE TRIBAL 7-20-55	20	050S	050W	4301332346	13607	Indian	OW	P	
MOON TRIBAL 12-23-54	23	050S	040W	4301332347	14008	Indian	OW	P	
UTE TRIBAL 14-28-55	28	050S	050W	4301332348	13580	Indian	OW	P	
UTE TRIBAL 16-29-55	29	050S	050W	4301332349	13581	Indian	OW	P	
UTE TRIBAL 2-32-55	32	050S	050W	4301332350	13695	Indian	OW	P	
UTE TRIBAL 16-35-55	35	050S	050W	4301332352	14267	Indian	OW	P	
UTE TRIBAL 10-35-55	35	050S	050W	4301332353	13645	Indian	OW	P	
UTE TRIBAL 12-36-55	36	050S	050W	4301332354	13643	Indian	OW	P	
UTE TRIBAL 14-36-55	36	050S	050W	4301332355	14262	Indian	OW	P	
UTE TRIBAL 16-36-55	36	050S	050W	4301332356	14122	Indian	OW	P	
UTE TRIBAL 4-33-55	33	050S	050W	4301332357	13685	Indian	OW	P	
UTE TRIBAL 15-17-55	17	050S	050W	4301332358	13698	Indian	OW	P	
UTE TRIBAL 12-14-54	14	050S	040W	4301332369	13647	Indian	OW	P	
UTE TRIBAL 3-20-54	20	050S	040W	4301332377	13955	Indian	OW	P	BRUNDAGE CANYON
UTE TRIBAL 4-21-54	21	050S	040W	4301332378	13907	Indian	OW	P	
UTE TRIBAL 9-20-54	20	050S	040W	4301332379	13906	Indian	OW	P	
UTE TRIBAL 5-30-54	30	050S	040W	4301332380	13905	Indian	OW	P	
UTE TRIBAL 16-21-54	21	050S	040W	4301332381	13912	Indian	OW	P	BERRY PILOT EOR 246-02
UTE TRIBAL 15-30-54	30	050S	040W	4301332382	13944	Indian	OW	P	
UTE TRIBAL 9-30-54	30	050S	040W	4301332383	14050	Indian	OW	P	
UTE TRIBAL 14-21-54	21	050S	040W	4301332384	13946	Indian	OW	P	
UTE TRIBAL 12-21-54	21	050S	040W	4301332385	13928	Indian	OW	P	
UTE TRIBAL 15-20-54	20	050S	040W	4301332386	13911	Indian	OW	P	
UTE TRIBAL 13-28-54	28	050S	040W	4301332387	13908	Indian	OW	P	
UTE TRIBAL 9-28-54	28	050S	040W	4301332388	13910	Indian	OW	P	
UTE TRIBAL 15-28-54	28	050S	040W	4301332389	13909	Indian	OW	P	
UTE TRIBAL 9-25-55	25	050S	050W	4301332390	13715	Indian	OW	P	
MOON TRIBAL 6-27-54	27	050S	040W	4301332407	13969	Indian	OW	P	
MOON TRIBAL 14-27-54	27	050S	040W	4301332408	13998	Indian	OW	P	
UTE TRIBAL 3-32-54	32	050S	040W	4301332410	13949	Indian	OW	P	
UTE TRIBAL 7-32-54	32	050S	040W	4301332411	13936	Indian	OW	P	
UTE TRIBAL 7-33-54	33	050S	040W	4301332413	13945	Indian	OW	P	
UTE TRIBAL 11-20-55	20	050S	050W	4301332415	14269	Indian	OW	P	
UTE TRIBAL 1-27-55	27	050S	050W	4301332416	13947	Indian	OW	P	
UTE TRIBAL 3-27-55	27	050S	050W	4301332417	14022	Indian	OW	P	
UTE TRIBAL 7-27-55	27	050S	050W	4301332418	13948	Indian	OW	P	
UTE TRIBAL 10-28-55	28	050S	050W	4301332419	14580	Indian	OW	P	
UTE TRIBAL 6-32-55	32	050S	050W	4301332420	14895	Indian	OW	P	
UTE TRIBAL 8-32-55	32	050S	050W	4301332421	14896	Indian	OW	P	
UTE TRIBAL 2-36-55	36	050S	050W	4301332422	13937	Indian	OW	P	
UTE TRIBAL 8-36-55	36	050S	050W	4301332423	14021	Indian	OW	P	
UTE TRIBAL 13-16-54	16	050S	040W	4301332511	13981	Indian	OW	P	
UTE TRIBAL 13-23-55	23	050S	050W	4301332513	13975	Indian	OW	P	
UTE TRIBAL 7-23-55	23	050S	050W	4301332514	13976	Indian	OW	P	
UTE TRIBAL 5-33-54	33	050S	040W	4301332521	14060	Indian	OW	P	
UTE TRIBAL 11-33-54	33	050S	040W	4301332522	14061	Indian	OW	P	
UTE TRIBAL 14-32-54	32	050S	040W	4301332523	14062	Indian	OW	P	
UTE TRIBAL 1-23-55	23	050S	050W	4301332524	14044	Indian	OW	P	
UTE TRIBAL 5-29-54	29	050S	040W	4301332525	14045	Indian	OW	P	
UTE TRIBAL 1-31-54	31	050S	040W	4301332526	14116	Indian	OW	P	
UTE TRIBAL 3-31-54	31	050S	040W	4301332527	14109	Indian	OW	P	
UTE TRIBAL 7-31-54	31	050S	040W	4301332528	14160	Indian	OW	P	
UTE TRIBAL 9-31-54	31	050S	040W	4301332529	14177	Indian	OW	P	
UTE TRIBAL 11-31-54	31	050S	040W	4301332530	14163	Indian	OW	P	
UTE TRIBAL 3-23-55	23	050S	050W	4301332536	14077	Indian	OW	P	
UTE TRIBAL 5-23-55	23	050S	050W	4301332537	14108	Indian	OW	P	
UTE TRIBAL 9-32-54	32	050S	040W	4301332538	14199	Indian	OW	P	

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UTE TRIBAL 5-32-54	32	050S	040W	4301332539	14112	Indian	OW	P	
MOON TRIBAL 10-27-54	27	050S	040W	4301332540	14195	Indian	OW	P	
MOON TRIBAL 12-27-54	27	050S	040W	4301332541	14161	Indian	OW	P	
MOON TRIBAL 8-27-54	27	050S	040W	4301332543	14139	Indian	OW	P	
UTE TRIBAL 9-33-54	33	050S	040W	4301332549	14162	Indian	OW	P	
WILLIAMSON TRIBAL 3-34-54	34	050S	040W	4301332550	14222	Indian	OW	P	
WILLIAMSON TRIBAL 5-34-54	34	050S	040W	4301332551	14235	Indian	OW	P	
FEDERAL 6-2-65	2	060S	050W	4301332557	14655	Federal	OW	P	
UTE TRIBAL 15-29-54	29	050S	040W	4301332561	14316	Indian	OW	P	
UTE TRIBAL 7-29-54	29	050S	040W	4301332562	14354	Indian	OW	P	
UTE TRIBAL 11-29-54	29	050S	040W	4301332563	14337	Indian	OW	P	
UTE TRIBAL 13-29-54	29	050S	040W	4301332564	14315	Indian	OW	P	
UTE TRIBAL 4-29-54	29	050S	040W	4301332565	14367	Indian	OW	P	
UTE TRIBAL 9-29-54	29	050S	040W	4301332566	14369	Indian	OW	P	
UTE TRIBAL 1-35-54	35	050S	040W	4301332567	14266	Indian	OW	P	
UTE TRIBAL 11-13-54	13	050S	040W	4301332568	14281	Indian	OW	P	
UTE TRIBAL 6-24-54	24	050S	040W	4301332570	14299	Indian	OW	P	
UTE TRIBAL 13-18-54	18	050S	040W	4301332571	14388	Indian	OW	P	
UTE TRIBAL 12-29-54	29	050S	040W	4301332572	14336	Indian	OW	P	
UTE TRIBAL 4-24-54	24	050S	040W	4301332573	14247	Indian	OW	P	
UTE TRIBAL 6-14-54	14	050S	040W	4301332586	15270	Indian	OW	P	
UTE TRIBAL 10-15-54	15	050S	040W	4301332587	14194	Indian	OW	P	
UTE TRIBAL 16-15-54	15	050S	040W	4301332588	14311	Indian	OW	P	
UTE TRIBAL 11-16-54	16	050S	040W	4301332589	14178	Indian	OW	P	
UTE TRIBAL 8-22-54	22	050S	040W	4301332590	14219	Indian	OW	P	
UTE TRIBAL 2-22-54	22	050S	040W	4301332591	14328	Indian	OW	P	
UTE TRIBAL 10-22-54	22	050S	040W	4301332592	14218	Indian	OW	P	
UTE TRIBAL 14-22-54	22	050S	040W	4301332593	14220	Indian	OW	P	
UTE TRIBAL 13-13-55	13	050S	050W	4301332599	15134	Indian	OW	P	
UTE TRIBAL 13-14-55	14	050S	050W	4301332600	14236	Indian	OW	P	
UTE TRIBAL 13-15-55	15	050S	050W	4301332602	14263	Indian	OW	P	
UTE TRIBAL 10-21-55	21	050S	050W	4301332603	14385	Indian	OW	P	
UTE TRIBAL 2-22-55	22	050S	050W	4301332604	14268	Indian	OW	P	
UTE TRIBAL 3-22-55	22	050S	050W	4301332605	14298	Indian	OW	P	
UTE TRIBAL 9-22-55	22	050S	050W	4301332606	14330	Indian	OW	P	
UTE TRIBAL 11-22-55	22	050S	050W	4301332607	14329	Indian	OW	P	
UTE TRIBAL 5-27-55	27	050S	050W	4301332614	14881	Indian	OW	P	
UTE TRIBAL 11-27-55	27	050S	050W	4301332615	14882	Indian	OW	P	
UTE TRIBAL 12-22-55	22	050S	050W	4301332616	14370	Indian	OW	P	
UTE TRIBAL 15-22-55	22	050S	050W	4301332617	14921	Indian	OW	P	
UTE TRIBAL 8-25-55	25	050S	050W	4301332620	14365	Indian	OW	P	
UTE TRIBAL 4-20-54	20	050S	040W	4301332621	14518	Indian	OW	P	BRUNDAGE CANYON
UTE TRIBAL 6-20-54	20	050S	040W	4301332622	14382	Indian	OW	P	BRUNDAGE CANYON
UTE TRIBAL 5-22-54	22	050S	040W	4301332624	14547	Indian	OW	P	
UTE TRIBAL 3-30-54	30	050S	040W	4301332625	14364	Indian	OW	P	
UTE TRIBAL 3-10-54	10	050S	040W	4301332663	14414	Indian	OW	P	
UTE TRIBAL 11-5-54	5	050S	040W	4301332664	14415	Indian	OW	P	
UTE TRIBAL 15-32-54	32	050S	040W	4301332666	14460	Indian	OW	P	
UTE TRIBAL 8-31-55	31	050S	050W	4301332673	14407	Indian	OW	P	
UTE TRIBAL 3-35-54	35	050S	040W	4301332675	14656	Indian	OW	P	
UTE TRIBAL 2-30-55	30	050S	050W	4301332680	14427	Indian	OW	P	
UTE TRIBAL 9-17-54	17	050S	040W	4301332687	15309	Indian	OW	P	
UTE TRIBAL 13-31-54	31	050S	040W	4301332688	14517	Indian	OW	P	
UTE TRIBAL 14-19-54	19	050S	040W	4301332690	14546	Indian	OW	P	
UTE TRIBAL 16-19-54	19	050S	040W	4301332691	14491	Indian	OW	P	
UTE TRIBAL 13-32-54	32	050S	040W	4301332692	14490	Indian	OW	P	
UTE TRIBAL 11-14-55	14	050S	050W	4301332693	15136	Indian	OW	P	
UTE TRIBAL 8-28-55	28	050S	050W	4301332694	14574	Indian	OW	P	
FEDERAL 6-1-65	1	060S	050W	4301332699	15776	Federal	OW	P	
UTE TRIBAL 9-15-55	15	050S	050W	4301332701	14573	Indian	OW	P	
UTE TRIBAL 14-20-54	20	050S	040W	4301332702	14459	Indian	OW	P	
#1 DLB 12-15-56	15	050S	060W	4301332710	14943	Fee	GW	P	
UTE TRIBAL 12-19-54	19	050S	040W	4301332716	14627	Indian	OW	P	
UTE TRIBAL 10-19-54	19	050S	040W	4301332717	14628	Indian	OW	P	
UTE TRIBAL 16-30-54	30	050S	040W	4301332718	14604	Indian	OW	P	
UTE TRIBAL 11-12-55	12	050S	050W	4301332721	14605	Indian	OW	P	

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NIELSEN MARSING 13-14-56	14	050S	060W	4301332737	15060	Fee	OW	P	
TAYLOR HERRICK 10-22-56	22	050S	060W	4301332738	15058	Fee	OW	P	
UTE TRIBAL 16-20-54	20	050S	040W	4301332739	14671	Indian	OW	P	
UTE TRIBAL 10-20-54	20	050S	040W	4301332740	14691	Indian	OW	P	
UTE TRIBAL 4-28-54	28	050S	040W	4301332741	14672	Indian	OW	P	
UTE TRIBAL 13-33-54	33	050S	040W	4301332742	14736	Indian	OW	P	
UTE TRIBAL 15-31-54	31	050S	040W	4301332743	14690	Indian	OW	P	
UTE TRIBAL 8-30-54	30	050S	040W	4301332746	15583	Indian	OW	P	
UTE TRIBAL 10-25-55	25	050S	050W	4301332749	14758	Indian	OW	P	
UTE TRIBAL 14-25-55	25	050S	050W	4301332750	14798	Indian	OW	P	
UTE TRIBAL 3-36-55	36	050S	050W	4301332751	14842	Indian	OW	P	
UTE TRIBAL 16-16-55	16	050S	050W	4301332757	14865	Indian	OW	P	
UTE TRIBAL 3-21-55	21	050S	050W	4301332758	15112	Indian	OW	P	
UTE TRIBAL 16-25-55	25	050S	050W	4301332759	14821	Indian	OW	P	
UTE TRIBAL 1-36-55	36	050S	050W	4301332760	14822	Indian	OW	P	
UTE TRIBAL 7-22-54	22	050S	040W	4301332761	15661	Indian	OW	P	
UTE TRIBAL 2-31-54	31	050S	040W	4301332762	14845	Indian	OW	P	
UTE TRIBAL 2-28-54	28	050S	040W	4301332763	14723	Indian	OW	P	
UTE TRIBAL 10-28-54	28	050S	040W	4301332764	14722	Indian	OW	P	
UTE TRIBAL 12-28-54	28	050S	040W	4301332765	14701	Indian	OW	P	
UTE TRIBAL 8-28-54	28	050S	040W	4301332766	14777	Indian	OW	P	
UTE TRIBAL 4-31-54	31	050S	040W	4301332767	14494	Indian	OW	P	
UTE TRIBAL 15-33-54	33	050S	040W	4301332768	15210	Indian	OW	P	
UTE TRIBAL 12-25-55	25	050S	050W	4301332769	14799	Indian	OW	P	
UTE TRIBAL 16-24-54	24	050S	040W	4301332775	14762	Indian	OW	P	
UTE TRIBAL 14-25-54	25	050S	040W	4301332776	14753	Indian	OW	P	
UTE TRIBAL 8-25-54	25	050S	040W	4301332780	15280	Indian	OW	P	
UTE TRIBAL 9-35-54	35	050S	040W	4301332781	15535	Indian	OW	P	
MYRIN TRIBAL 14-19-55	19	050S	050W	4301332782	15184	Indian	OW	P	
UTE TRIBAL 6-30-55	30	050S	050W	4301332783	15163	Indian	OW	P	
MOON TRIBAL 4-23-54	23	050S	040W	4301332800	14985	Indian	OW	P	
MOON TRIBAL 5-27-54	27	050S	040W	4301332802	14984	Indian	OW	P	
UTE TRIBAL 2-32-54	32	050S	040W	4301332803	15151	Indian	OW	P	
UTE TRIBAL 15-35-54	35	050S	040W	4301332804	15185	Indian	OW	P	
UTE TRIBAL 5-35-54	35	050S	040W	4301332805	15485	Indian	OW	P	
UTE TRIBAL 13-35-54	35	050S	040W	4301332806	15292	Indian	OW	P	
UTE TRIBAL 11-35-54	35	050S	040W	4301332807	15317	Indian	OW	P	
UTE TRIBAL 8-19-54	19	050S	040W	4301332840	14946	Indian	OW	P	BRUNDAGE CANYON
UTE TRIBAL 13-20-55	20	050S	050W	4301332841	15097	Indian	OW	P	
UTE TRIBAL 16-22-54	22	050S	040W	4301332842	15015	Indian	OW	P	
MOON TRIBAL 6-23-54	23	050S	040W	4301332843	15113	Indian	OW	P	
UTE TRIBAL 11-26-54	26	050S	040W	4301332844	15233	Indian	OW	P	
MOON TRIBAL 11-27-54	27	050S	040W	4301332845	15135	Indian	OW	P	
MOON TRIBAL 15-27-54	27	050S	040W	4301332846	15115	Indian	OW	P	
UTE TRIBAL 10-31-54	31	050S	040W	4301332847	14956	Indian	OW	P	
ST TRIBAL 6-15-54	15	050S	040W	4301332848	16656	Indian	OW	P	
ST TRIBAL 2-15-54	15	050S	040W	4301332849	16959	Indian	OW	P	
ST TRIBAL 4-15-54	15	050S	040W	4301332850	17478	Indian	OW	P	
ST TRIBAL 8-15-54	15	050S	040W	4301332851	16279	Indian	OW	P	
UTE TRIBAL 11-25-54	25	050S	040W	4301332856	15430	Indian	OW	P	
UTE TRIBAL 3-30-55	30	050S	050W	4301332862	15340	Indian	OW	P	
UTE TRIBAL 7-19-55	19	050S	050W	4301332863	15279	Indian	OW	P	
UTE TRIBAL 8-19-55	19	050S	050W	4301332864	15241	Indian	OW	P	
UTE TRIBAL 6-19-54	19	050S	040W	4301332865	14947	Indian	OW	P	
UTE TRIBAL 12-20-54	20	050S	040W	4301332866	14924	Indian	OW	P	
UTE TRIBAL 3-21-54	21	050S	040W	4301332867	15554	Indian	OW	P	
UTE TRIBAL 2-26-54	26	050S	040W	4301332868	15231	Indian	OW	P	
UTE TRIBAL 8-31-54	31	050S	040W	4301332869	14970	Indian	OW	P	
UTE TRIBAL 8-32-54	32	050S	040W	4301332870	15152	Indian	OW	P	
UTE TRIBAL 4-33-54	33	050S	040W	4301332871	15040	Indian	OW	P	
UTE TRIBAL 6-33-54	33	050S	040W	4301332872	15059	Indian	OW	P	
UTE TRIBAL 9-22-54	22	050S	040W	4301332889	15607	Indian	OW	P	
UTE TRIBAL 5-26-54	26	050S	040W	4301332890	15268	Indian	OW	P	
UTE TRIBAL 13-26-54	26	050S	040W	4301332891	15287	Indian	OW	P	
UTE TRIBAL 6-28D-54	28	050S	040W	4301332892	15232	Indian	OW	P	
UTE TRIBAL 2-30D-54	30	050S	040W	4301332894	15298	Indian	OW	P	

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UTE TRIBAL 4-32-54	32	050S	040W	4301332896	15555	Indian	OW	P
UTE TRIBAL 6-32D-54	32	050S	040W	4301332897	15312	Indian	OW	P
UTE TRIBAL 2-33D-54	33	050S	040W	4301332898	15271	Indian	OW	P
UTE TRIBAL 12-32-54	32	050S	040W	4301332925	15503	Indian	OW	P
UTE TRIBAL 16-32D-54	32	050S	040W	4301332926	16971	Indian	OW	P
MOON TRIBAL 16-23-54	23	050S	040W	4301332927	15219	Indian	OW	P
UTE TRIBAL 4-25-55	25	050S	050W	4301332928	15421	Indian	OW	P
UTE TRIBAL 7-36-55	36	050S	050W	4301332929	15341	Indian	OW	P
MOON TRIBAL 10-2-54	2	050S	040W	4301332931	15429	Indian	OW	P
UTE TRIBAL 10-24-54	24	050S	040W	4301332932	15364	Indian	OW	P
MYRIN TRIBAL 16-19-55	19	050S	050W	4301332934	15339	Indian	OW	P
UTE TRIBAL 2-31-55	31	050S	050W	4301332935	15428	Indian	OW	P
UTE TRIBAL 10-31-55	31	050S	050W	4301332936	15354	Indian	OW	P
MOON TRIBAL 1-27-54	27	050S	040W	4301332937	15308	Indian	OW	P
MOON TRIBAL 5-23-54	23	050S	040W	4301332938	15584	Indian	OW	P
ST TRIBAL 7-18-54	18	050S	040W	4301332952	15724	Indian	OW	P
ST TRIBAL 5-18-54	18	050S	040W	4301332953	15781	Indian	OW	P
UTE TRIBAL 15-15-54	15	050S	040W	4301332971	15310	Indian	OW	P
UTE TRIBAL 4-19-54	19	050S	040W	4301332972	15382	Indian	OW	P
UTE TRIBAL 8-20-54	20	050S	040W	4301332973	15245	Indian	OW	P
UTE TRIBAL 2-20-54	20	050S	040W	4301332974	15269	Indian	OW	P
UTE TRIBAL 7-15-55	15	050S	050W	4301332976	15311	Indian	OW	P
UTE TRIBAL 10-15-55	15	050S	050W	4301332977	15380	Indian	OW	P
UTE TRIBAL 1-15-55	15	050S	050W	4301332978	15299	Indian	OW	P
UTE TRIBAL 14-15-55	15	050S	050W	4301332979	15369	Indian	OW	P
UTE TRIBAL 11-15-55	15	050S	050W	4301332980	15342	Indian	OW	P
UTE TRIBAL 14-18-55	18	050S	050W	4301332984	15671	Indian	OW	P
UTE TRIBAL 14-24-56	24	050S	060W	4301332988	15740	Indian	OW	P
UTE TRIBAL 7-24-56	24	050S	060W	4301332989	15782	Indian	OW	P
UTE TRIBAL 11-25-56	25	050S	060W	4301332990	15627	Indian	OW	P
UTE TRIBAL 7-25-56	25	050S	060W	4301332991	15617	Indian	OW	P
UTE TRIBAL 5-25-56	25	050S	060W	4301332992	15648	Indian	OW	P
UTE TRIBAL 3-25-56	25	050S	060W	4301332993	15561	Indian	OW	P
UTE TRIBAL 13-15D-54	15	050S	040W	4301333039	15368	Indian	OW	P
UTE TRIBAL 16-28D-54	28	050S	040W	4301333041	15377	Indian	OW	P
UTE TRIBAL 14-31D-54	31	050S	040W	4301333042	15419	Indian	OW	P
UTE TRIBAL 4-22-55	22	050S	050W	4301333044	15381	Indian	OW	P
UTE TRIBAL 2-23-55	23	050S	050W	4301333045	15416	Indian	OW	P
UTE TRIBAL 16-23-55	23	050S	050W	4301333046	15211	Indian	OW	P
UTE TRIBAL 9-35-55	35	050S	050W	4301333047	15378	Indian	OW	P
UTE TRIBAL 7-35-55	35	050S	050W	4301333048	15367	Indian	OW	P
UTE TRIBAL 15-36-55	36	050S	050W	4301333049	15379	Indian	OW	P
UTE TRIBAL 10-12-55	12	050S	050W	4301333055	15618	Indian	OW	P
UTE TRIBAL 5-13-54	13	050S	040W	4301333075	15873	Indian	OW	P
UTE TRIBAL 16-29-54	29	050S	040W	4301333076	17074	Indian	OW	P
UTE TRIBAL 12-18-54	18	050S	040W	4301333077	15575	Indian	OW	P
UTE TRIBAL 8-33-54	33	050S	040W	4301333089	15398	Indian	OW	P
UTE TRIBAL 12-33-54	33	050S	040W	4301333090	15417	Indian	OW	P
UTE TRIBAL 16-33-54	33	050S	040W	4301333091	15397	Indian	OW	P
UTE TRIBAL 10-33-54	33	050S	040W	4301333092	15418	Indian	OW	P
UTE TRIBAL 14-33-54	33	050S	040W	4301333093	15399	Indian	OW	P
UTE TRIBAL 2-14-54	14	050S	040W	4301333111	16832	Indian	OW	P
UTE TRIBAL 14-14-54	14	050S	040W	4301333112	15440	Indian	OW	P
UTE TRIBAL 13-21-54	21	050S	040W	4301333113	15471	Indian	OW	P
UTE TRIBAL 11-21-54	21	050S	040W	4301333115	15470	Indian	OW	P
UTE TRIBAL 11-22-54	22	050S	040W	4301333116	15662	Indian	OW	P
UTE TRIBAL 2-21-55	21	050S	050W	4301333117	15582	Indian	OW	P
UTE TRIBAL 4-28-55	28	050S	050W	4301333118	15506	Indian	OW	P
UTE TRIBAL 8-29-55	29	050S	050W	4301333119	15507	Indian	OW	P
UTE TRIBAL 6-29-55	29	050S	050W	4301333120	15504	Indian	OW	P
TAYLOR FEE 13-22-56	22	050S	060W	4301333121	15525	Fee	OW	P
WILCOX ELIASON 7-15-56	15	050S	060W	4301333122	15526	Fee	OW	P
UTE TRIBAL 14-16-54	16	050S	040W	4301333123	15639	Indian	OW	P
UTE TRIBAL 1-16-54	16	050S	040W	4301333128	15420	Indian	OW	P
UTE TRIBAL 7-16-54	16	050S	040W	4301333130	15455	Indian	OW	P
UTE TRIBAL 12-16-54	16	050S	040W	4301333131	15456	Indian	OW	P

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UTE TRIBAL 16-17-54	17	050S	040W	4301333132	15524	Indian	OW	P
UTE TRIBAL 10-17-54	17	050S	040W	4301333133	15581	Indian	OW	P
UTE TRIBAL 12-24D-55	24	050S	050W	4301333134	15567	Indian	OW	P
WILCOX FEE 1-20-56	20	050S	060W	4301333150	15745	Fee	OW	P
WILCOX FEE 15-16-56	16	050S	060W	4301333151	15527	Fee	OW	P
NIELSEN FEE 13-11-56	11	050S	060W	4301333152	15600	Fee	OW	P
UTE TRIBAL 2-29-54	29	050S	040W	4301333153	15919	Indian	OW	P
UTE TRIBAL 14-29-54	29	050S	040W	4301333154	15831	Indian	OW	P
UTE TRIBAL 10-29-54	29	050S	040W	4301333155	15847	Indian	OW	P
UTE TRIBAL 10-24D-55	24	050S	050W	4301333156	15556	Indian	OW	P
UTE TRIBAL 10-29D-55	29	050S	050W	4301333157	15505	Indian	OW	P
UTE TRIBAL 6-29-54	29	050S	040W	4301333172	15846	Indian	OW	P
UTE TRIBAL 12Q-25-55	25	050S	050W	4301333184	15744	Indian	OW	P
UTE TRIBAL 3G-31-54	31	050S	040W	4301333185	15746	Indian	OW	P
UTE TRIBAL 11-36-55	36	050S	050W	4301333186	15865	Indian	OW	P
UTE TRIBAL 6-23D-55	23	050S	050W	4301333187	15996	Indian	OW	P
UTE TRIBAL 8-14-54	14	050S	040W	4301333204	15656	Indian	OW	P
UTE TRIBAL 10-14-54	14	050S	040W	4301333205	15680	Indian	OW	P
UTE TRIBAL 11-15-54	15	050S	040W	4301333206	15643	Indian	OW	P
UTE TRIBAL 9-16-54	16	050S	040W	4301333207	15660	Indian	OW	P
UTE TRIBAL 3-22-54	22	050S	040W	4301333208	15640	Indian	OW	P
UTE TRIBAL 15-13D-55	13	050S	050W	4301333212	15642	Indian	OW	P
UTE TRIBAL 6-22D-55	22	050S	050W	4301333213	16831	Indian	OW	P
UTE TRIBAL 11-36D-55	36	050S	050W	4301333214	15702	Indian	OW	P
UTE TRIBAL 1-22D-54	22	050S	040W	4301333215	15641	Indian	OW	P
BERRY TRIBAL 1-23-54	23	050S	040W	4301333216	15931	Indian	OW	P
BERRY TRIBAL 15-23-54	23	050S	040W	4301333217	15932	Indian	OW	P
UTE TRIBAL 9-36D-55	36	050S	050W	4301333239	15933	Indian	OW	P
UTE TRIBAL 12-32-55	32	050S	050W	4301333266	15681	Indian	OW	P
UTE TRIBAL 16-22D-55	22	050S	050W	4301333267	15703	Indian	OW	P
UTE TRIBAL 11-13-55	13	050S	050W	4301333268	15692	Indian	OW	P
UTE TRIBAL 7-14-55	14	050S	050W	4301333269	15693	Indian	OW	P
UTE TRIBAL 4-14D-54	14	050S	040W	4301333270	15679	Indian	OW	P
UTE TRIBAL 9S-19-54	19	050S	040W	4301333276	16153	Indian	OW	P
UTE TRIBAL 14Q-28-54	28	050S	040W	4301333277	15818	Indian	OW	P
UTE TRIBAL 14-28D-54	28	050S	040W	4301333278	15817	Indian	OW	P
UTE TRIBAL 1-14D-55	14	050S	050W	4301333279	18408	Indian	OW	P
UTE TRIBAL 10-18-54	18	050S	040W	4301333300	15747	Indian	OW	P
UTE TRIBAL 5-21-54	21	050S	040W	4301333324	15748	Indian	OW	P
UTE TRIBAL 6-31D-54	31	050S	040W	4301333325	16185	Indian	OW	P
UTE TRIBAL 16-31D-54	31	050S	040W	4301333326	15800	Indian	OW	P
UTE TRIBAL 16-13D-55	13	050S	050W	4301333327	15891	Indian	OW	P
UTE TRIBAL 9-13D-55	13	050S	050W	4301333328	15892	Indian	OW	P
UTE TRIBAL 15-21-55	21	050S	050W	4301333357	15791	Indian	OW	P
UTE TRIBAL 10-23D-55	23	050S	050W	4301333358	15799	Indian	OW	P
UTE TRIBAL 9-26D-55	26	050S	050W	4301333359	15853	Indian	OW	P
UTE TRIBAL 10-26D-55	26	050S	050W	4301333360	15852	Indian	OW	P
UTE TRIBAL 14-26D-55	26	050S	050W	4301333361	15938	Indian	OW	P
UTE TRIBAL 15-26D-55	26	050S	050W	4301333362	15869	Indian	OW	P
UTE TRIBAL 3-32D-55	32	050S	050W	4301333363	15936	Indian	OW	P
UTE TRIBAL 13-14-54	14	050S	040W	4301333364	15790	Indian	OW	P
MOON TRIBAL 7-27D-54	27	050S	040W	4301333365	15935	Indian	OW	P
14-11-56 DLB	11	050S	060W	4301333378	15801	Fee	OW	P
UTE TRIBAL 4-32-55	32	050S	050W	4301333379	15819	Indian	OW	P
UTE TRIBAL 13H-16-55	16	050S	050W	4301333380	18357	Indian	OW	P
BERRY TRIBAL 7-23-54	23	050S	040W	4301333381	15934	Indian	OW	P
BERRY TRIBAL 9-34-54	34	050S	040W	4301333382	16024	Indian	OW	P
BERRY TRIBAL 7-34-54	34	050S	040W	4301333383	16102	Indian	OW	P
BERRY TRIBAL 4-34-54	34	050S	040W	4301333384	16588	Indian	OW	P
FEDERAL 2-2-65	2	060S	050W	4301333385	16150	Federal	OW	P
FEDERAL 10-3-65	3	060S	050W	4301333386	16297	Federal	OW	P
FEDERAL 5-4-65	4	060S	050W	4301333387	17599	Federal	OW	P
UTE TRIBAL 1A-29-54	29	050S	040W	4301333393	17075	Indian	OW	P
BERRY TRIBAL 15-34-54	34	050S	040W	4301333411	16037	Indian	OW	P
BERRY TRIBAL 8-23D-54	23	050S	040W	4301333417	16101	Indian	OW	P
UTE TRIBAL 12-29D-55	29	050S	050W	4301333418	17307	Indian	OW	P

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UTE TRIBAL 8-24-55	24	050S	050W	4301333420	15997	Indian	OW	P
UTE TRIBAL 5-25D-55	25	050S	050W	4301333421	16589	Indian	OW	P
BERRY TRIBAL 10-34D-54	34	050S	040W	4301333422	16038	Indian	OW	P
1-15-56 DLB	15	050S	060W	4301333447	15854	Fee	OW	P
FEDERAL 5-3-64	3	060S	040W	4301333448	16098	Federal	OW	P
FEDERAL 8-1-64	1	060S	040W	4301333449	16152	Federal	OW	P
FEDERAL 5-4-64	4	060S	040W	4301333450	17851	Federal	OW	P
FEDERAL 11-10-65	10	060S	050W	4301333451	16281	Federal	OW	P
BERRY TRIBAL 16-34D-54	34	050S	040W	4301333464	16280	Indian	OW	P
BERRY TRIBAL 9-23-54	23	050S	040W	4301333465	16590	Indian	OW	P
UTE TRIBAL 6-26D-55	26	050S	050W	4301333476	16657	Indian	OW	P
UTE TRIBAL 7-26D-55	26	050S	050W	4301333477	16658	Indian	OW	P
UTE TRIBAL 11-26D-55	26	050S	050W	4301333478	16659	Indian	OW	P
UTE TRIBAL 14Q-30-54	30	050S	040W	4301333479	16151	Indian	OW	P
FEDERAL 5-6-65	6	060S	050W	4301333489	17852	Federal	OW	P
FEDERAL 16-5-65	5	060S	050W	4301333490	16833	Federal	OW	P
FEDERAL 6-11-65	11	060S	050W	4301333491	16335	Federal	OW	P
LC TRIBAL 14-2-56	2	050S	060W	4301333492	18358	Indian	OW	P
UTE TRIBAL 1-31-55	31	050S	050W	4301333501	17104	Indian	OW	P
UTE TRIBAL 9-31-55	31	050S	050W	4301333508	17103	Indian	OW	P
BERRY TRIBAL 11-34D-54	34	050S	040W	4301333529	16099	Indian	OW	P
LC TRIBAL 2-16D-56	16	050S	060W	4301333538	17305	Indian	OW	P
LC TRIBAL 4-16-56	16	050S	060W	4301333539	16272	Indian	OW	P
LC TRIBAL 3-17-56	17	050S	060W	4301333541	16459	Indian	OW	P
FEDERAL 10-2-65	2	060S	050W	4301333542	16181	Federal	OW	P
UTE TRIBAL 4-20D-55	20	050S	050W	4301333549	18075	Indian	OW	P
UTE TRIBAL 8-23D-55	23	050S	050W	4301333552	16662	Indian	OW	P
LC TRIBAL 8-28-46	28	040S	060W	4301333576	16155	Indian	OW	P
LC TRIBAL 7-3-56	3	050S	060W	4301333577	16379	Indian	OW	P
LC TRIBAL 3-5-56	5	050S	060W	4301333580	17082	Indian	OW	P
FEDERAL 8-2D-64	2	060S	040W	4301333581	16100	Federal	OW	P
LC TRIBAL 13H-3-56	3	050S	060W	4301333591	18129	Indian	OW	P
LC FEE 6-12-57	12	050S	070W	4301333593	17083	Fee	OW	P
UTE TRIBAL 4-26D-54	26	050S	040W	4301333595	16591	Indian	OW	P
LC TRIBAL 8-4-56	4	050S	060W	4301333605	17046	Indian	OW	P
LC TRIBAL 12H-6-56	6	050S	060W	4301333606	18037	Indian	OW	P
LC TRIBAL 7-7D-56	7	050S	060W	4301333607	18038	Indian	OW	P
LC TRIBAL 1-9-56	9	050S	060W	4301333608	16380	Indian	OW	P
UTE TRIBAL 5-14-54	14	050S	040W	4301333619	16945	Indian	OW	P
UTE TRIBAL 10-26D-54	26	050S	040W	4301333620	16663	Indian	OW	P
UTE TRIBAL 7-26D-54	26	050S	040W	4301333621	16664	Indian	OW	P
UTE TRIBAL 13-36D-55	36	050S	050W	4301333624	17744	Indian	OW	P
UTE TRIBAL 6-26D-54	26	050S	040W	4301333625	16619	Indian	OW	P
UTE TRIBAL 1-22D-55	22	050S	050W	4301333626	16777	Indian	OW	P
UTE TRIBAL 4-23D-55	23	050S	050W	4301333627	16818	Indian	OW	P
UTE TRIBAL 2-27D-55	27	050S	050W	4301333628	16746	Indian	OW	P
UTE TRIBAL 12-28D-55	28	050S	050W	4301333645	17999	Indian	OW	P
UTE TRIBAL 13-28D-55	28	050S	050W	4301333646	18000	Indian	OW	P
UTE TRIBAL 14-26D-54	26	050S	040W	4301333673	16299	Indian	OW	P
UTE FEE 7-13D-55	13	050S	050W	4301333674	18089	Fee	OW	P
UTE TRIBAL 9-20D-55	20	050S	050W	4301333675	17309	Indian	OW	P
LC TRIBAL 11-17-56	17	050S	060W	4301333677	17600	Indian	OW	P
UTE TRIBAL 1-26D-54	26	050S	040W	4301333680	16638	Indian	OW	P
UTE TRIBAL 3-26D-54	26	050S	040W	4301333681	16665	Indian	OW	P
UTE TRIBAL 8-26D-54	26	050S	040W	4301333682	17031	Indian	OW	P
UTE TRIBAL 10-27D-55	27	050S	050W	4301333683	16666	Indian	OW	P
UTE TRIBAL 14-27D-55	27	050S	050W	4301333684	16667	Indian	OW	P
UTE TRIBAL 12-21D-55	21	050S	050W	4301333694	16296	Indian	OW	P
UTE TRIBAL 5-21D-55	21	050S	050W	4301333706	16298	Indian	OW	P
UTE TRIBAL 2-29D-55	29	050S	050W	4301333714	16854	Indian	OW	P
UTE TRIBAL 7-29D-55	29	050S	050W	4301333715	16853	Indian	OW	P
UTE TRIBAL 13-22D-55	22	050S	050W	4301333716	16668	Indian	OW	P
UTE TRIBAL 14-22D-55	22	050S	050W	4301333717	16669	Indian	OW	P
UTE FEE 2-13-55	13	050S	050W	4301333720	18659	Indian	OW	P
UTE TRIBAL 7-22D-55	22	050S	050W	4301333721	16670	Indian	OW	P
UTE TRIBAL 10-22D-55	22	050S	050W	4301333722	16671	Indian	OW	P

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UTE TRIBAL 3-29-55	29	050S	050W	4301333723	16857	Indian	OW	P
BERRY TRIBAL 10-23D-54	23	050S	040W	4301333724	16592	Indian	OW	P
BERRY TRIBAL 11-23D-54	23	050S	040W	4301333725	16672	Indian	OW	P
UTE TRIBAL 4-24D-55	24	050S	050W	4301333726	16673	Indian	OW	P
FEDERAL 6-6D-64	6	060S	040W	4301333745	17084	Federal	OW	P
UTE TRIBAL 15-26D-54	26	050S	040W	4301333768	17450	Indian	OW	P
UTE TRIBAL 1-14D-54	14	050S	040W	4301333769	17483	Indian	OW	P
UTE TRIBAL 12-35D-55	35	050S	050W	4301333782	16856	Indian	OW	P
UTE TRIBAL 11-35-55	35	050S	050W	4301333783	16855	Indian	OW	P
UTE TRIBAL 1-28D-55	28	050S	050W	4301333784	16852	Indian	OW	P
UTE TRIBAL 16-27D-55	27	050S	050W	4301333786	17800	Indian	OW	P
UTE TRIBAL 9-28D-55	28	050S	050W	4301333787	16887	Indian	OW	P
UTE TRIBAL 7-28D-55	28	050S	050W	4301333788	16886	Indian	OW	P
UTE TRIBAL 11-32D-54	32	050S	040W	4301333793	17003	Indian	OW	P
UTE TRIBAL 9-14D-54	14	050S	040W	4301333796	17482	Indian	OW	P
UTE TRIBAL 4-27D-55	27	050S	050W	4301333797	16700	Indian	OW	P
FOY TRIBAL 12H-33-55	33	050S	050W	4301333799	18232	Indian	OW	P
UTE TRIBAL 9-32D-55	32	050S	050W	4301333800	18361	Indian	OW	P
UTE TRIBAL 12-26D-54	26	050S	040W	4301333801	16639	Indian	OW	P
UTE TRIBAL 8-26D-55	26	050S	050W	4301333859	17859	Indian	OW	P
BERRY TRIBAL 2-34D-54	34	050S	040W	4301333867	17889	Indian	OW	P
UTE TRIBAL 3-35D-55	35	050S	050W	4301333888	17421	Indian	OW	P
UTE TRIBAL 10-32-54	32	050S	040W	4301333902	16819	Indian	OW	P
UTE TRIBAL 12-31D-54	31	050S	040W	4301333907	17480	Indian	OW	P
UTE TRIBAL 12-23D-55	23	050S	050W	4301333908	17814	Indian	OW	P
UTE TRIBAL 14-20D-55	20	050S	050W	4301333909	18559	Indian	OW	P
UTE TRIBAL 6-20D-55	20	050S	050W	4301333910	18481	Indian	OW	P
UTE TRIBAL 12-20-55	20	050S	050W	4301333911	18520	Indian	OW	P
UTE TRIBAL 14-24D-55	24	050S	050W	4301333912	16943	Indian	OW	P
UTE TRIBAL 14-23D-55	23	050S	050W	4301333915	17457	Indian	OW	P
ST TRIBAL 1-15D-54	15	050S	040W	4301333916	16889	Indian	OW	P
ST TRIBAL 7-15D-54	15	050S	040W	4301333950	16972	Indian	OW	P
ST TRIBAL 9-15D-54	15	050S	040W	4301333951	16973	Indian	OW	P
UTE TRIBAL 15-35D-55	35	050S	050W	4301333954	17417	Indian	OW	P
UTE TRIBAL 14-35D-55	35	050S	050W	4301333955	17416	Indian	OW	P
UTE TRIBAL 16-26D-55	26	050S	050W	4301333965	17418	Indian	OW	P
FEDERAL 1-2D-65	2	060S	050W	4301333966	16888	Federal	OW	P
UTE TRIBAL 1-35D-55	35	050S	050W	4301333967	17420	Indian	OW	P
UTE TRIBAL 10-36D-55	36	050S	050W	4301333968	17743	Indian	OW	P
UTE TRIBAL 4-26D-55	26	050S	050W	4301333978	17455	Indian	OW	P
UTE TRIBAL 2-26D-55	26	050S	050W	4301333979	17456	Indian	OW	P
BERRY TRIBAL 14-23D-54	23	050S	040W	4301333989	17903	Indian	OW	P
FEDERAL 3-2D-65	2	060S	050W	4301334001	16944	Federal	OW	P
UTE TRIBAL 13-26D-55	26	050S	050W	4301334002	17481	Indian	OW	P
FEDERAL 7-1D-65	1	060S	050W	4301334015	17775	Federal	OW	P
FEDERAL 2-2D-64	2	060S	040W	4301334018	17086	Federal	OW	P
FEDERAL 7-6D-64	6	060S	040W	4301334020	17085	Federal	OW	P
UTE TRIBAL 6-35D-55	35	050S	050W	4301334028	17785	Indian	OW	P
UTE TRIBAL 16-26-54	26	050S	040W	4301334042	17413	Indian	OW	P
BERRY TRIBAL 13-23-54	23	050S	040W	4301334043	17100	Indian	OW	P
UTE TRIBAL 11-28-55	28	050S	050W	4301334057	18001	Indian	OW	P
UTE TRIBAL 8-27D-55	27	050S	050W	4301334058	17842	Indian	OW	P
ST TRIBAL 3-15D-54	15	050S	040W	4301334059	17477	Indian	OW	P
ST TRIBAL 5-15D-54	15	050S	040W	4301334060	17479	Indian	OW	P
FEDERAL 7-11D-65	11	060S	050W	4301334061	17776	Federal	OW	P
FEDERAL 7-3D-65	3	060S	050W	4301334065	17124	Federal	OW	P
MOON TRIBAL 16-27D-54	27	050S	040W	4301334109	17414	Indian	OW	P
UTE TRIBAL 15-22D-54	22	050S	040W	4301334116	17415	Indian	OW	P
UTE TRIBAL 13-35D-55	35	050S	050W	4301334117	18442	Indian	OW	P
UTE TRIBAL 12-26D-55	26	050S	050W	4301334118	17786	Indian	OW	P
LC TRIBAL 13-16D-56	16	050S	060W	4301334282	17601	Indian	OW	P
FEDERAL 11-6D-64	6	060S	040W	4301334284	17615	Federal	OW	P
FEDERAL 14-6D-64	6	060S	040W	4301334285	17616	Federal	OW	P
FEDERAL 2-6D-64	6	060S	040W	4301334286	17663	Federal	OW	P
FEDERAL 3-5D-64	5	060S	040W	4301334287	17617	Federal	OW	P
FEDERAL 6-5D-64	5	060S	040W	4301334288	17649	Federal	OW	P

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SFW TRIBAL 10-10D-54	10	050S	040W	4301334295	17564	Indian	OW	P
SFW TRIBAL 9-10D-54	10	050S	040W	4301334296	17565	Indian	OW	P
STATE TRIBAL 16-10-54	10	050S	040W	4301350245	17553	Indian	OW	P
UTE TRIBAL 6-14D-55	14	050S	050W	4301350246	17602	Indian	OW	P
SFW FEE 15-10-54	10	050S	040W	4301350247	17566	Fee	OW	P
FEDERAL 5-5D-64	5	060S	040W	4301350259	17648	Federal	OW	P
LC TRIBAL 6-22D-56	22	050S	060W	4301350260	17567	Indian	OW	P
FEDERAL 12-6D-64	6	060S	040W	4301350261	17618	Federal	OW	P
LC TRIBAL 4-27D-56	27	050S	060W	4301350262	17568	Indian	OW	P
FEDERAL 4-5D-64	5	060S	040W	4301350263	17661	Federal	OW	P
FEDERAL 1-6-64	6	060S	040W	4301350266	17662	Federal	OW	P
FEDERAL 4-6D-64	6	060S	040W	4301350267	17651	Federal	OW	P
FEDERAL 3-6D-64	6	060S	040W	4301350268	17650	Federal	OW	P
FEDERAL 5-6D-64	6	060S	040W	4301350269	17652	Federal	OW	P
FEDERAL 8-6D-64	6	060S	040W	4301350325	17664	Federal	OW	P
FEDERAL 10-1D-65	1	060S	050W	4301350326	18027	Federal	OW	P
FEDERAL 11-1D-65	1	060S	050W	4301350327	18039	Federal	OW	P
FEDERAL 12-1D-65	1	060S	050W	4301350328	18040	Federal	OW	P
FEDERAL 13-1D-65	1	060S	050W	4301350329	18042	Federal	OW	P
FEDERAL 14-1D-65	1	060S	050W	4301350330	18041	Federal	OW	P
FEDERAL 13-5D-64	5	060S	040W	4301350337	17714	Federal	OW	P
FEDERAL 14-5D-64	5	060S	040W	4301350338	17715	Federal	OW	P
FEDERAL 9-1D-65	1	060S	050W	4301350342	18026	Federal	OW	P
FEDERAL 13-6D-64	6	060S	040W	4301350347	17619	Federal	OW	P
FEDERAL 11-5D-64	5	060S	040W	4301350348	17690	Federal	OW	P
FEDERAL 12-5D-64	5	060S	040W	4301350349	17713	Federal	OW	P
FEDERAL 8-1D-65	1	060S	050W	4301350350	18025	Federal	OW	P
UTE TRIBAL 3-14D-54	14	050S	040W	4301350389	17904	Indian	OW	P
UTE TRIBAL 1-34D-55	34	050S	050W	4301350408	17931	Indian	OW	P
UTE TRIBAL 7-14-54	14	050S	040W	4301350409	17924	Indian	OW	P
UTE TRIBAL 8-21D-55	21	050S	050W	4301350435	17963	Indian	OW	P
UTE TRIBAL 8-34D-55	34	050S	050W	4301350436	17952	Indian	OW	P
UTE TRIBAL 5-16D-54	16	050S	040W	4301350475	17991	Indian	OW	P
UTE TRIBAL 12-14D-55	14	050S	050W	4301350476	17973	Indian	OW	P
UTE TRIBAL 8-15D-55	15	050S	050W	4301350477	17974	Indian	OW	P
UTE TRIBAL 3-14-55	14	050S	050W	4301350478	18002	Indian	OW	P
UTE TRIBAL 5-14-55	14	050S	050W	4301350479	18021	Indian	OW	P
UTE TRIBAL 8-10D-54	10	050S	040W	4301350488	18099	Indian	OW	P
UTE TRIBAL 7-34-55	34	050S	050W	4301350510	17949	Indian	OW	P
FEDERAL 4-4D-65	4	060S	050W	4301350521	18557	Federal	OW	P
FEDERAL 6-3D-64	3	060S	040W	4301350522	18073	Federal	OW	P
FEDERAL 1-1D-64	1	060S	040W	4301350524	18088	Federal	OW	P
FEDERAL 7-2D-65	2	060S	050W	4301350525	18100	Federal	OW	P
BERRY TRIBAL 12-34D-54	34	050S	040W	4301350527	17998	Indian	OW	P
FEDERAL 15-5D-65	5	060S	050W	4301350553	18537	Federal	OW	P
FEDERAL 11-4D-64	4	060S	040W	4301350565	18043	Federal	OW	P
FEDERAL 6-6D-65	6	060S	050W	4301350566	18521	Federal	OW	P
LC TRIBAL 3-15D-56	15	050S	060W	4301350598	18097	Indian	OW	P
LC TRIBAL 8-16D-56	16	050S	060W	4301350599	18161	Indian	OW	P
LC FEE 16-16D-56	16	050S	060W	4301350601	18165	Fee	OW	P
LC TRIBAL 10-16D-56	16	050S	060W	4301350602	18586	Indian	OW	P
LC TRIBAL 15-22D-56	22	050S	060W	4301350606	18278	Indian	OW	P
LC TRIBAL 5-23D-56	23	050S	060W	4301350625	18285	Indian	OW	P
LC TRIBAL 5-14D-56	14	050S	060W	4301350661	18219	Indian	OW	P
SFW FEE 14-10D-54	10	050S	040W	4301350686	18070	Fee	OW	P
LC FEE 1-22D-56	22	050S	060W	4301350718	18101	Fee	OW	P
FEDERAL 8-2D-65	2	060S	050W	4301350719	18614	Federal	OW	P
FEDERAL 1-2D-64	2	060S	040W	4301350730	18585	Federal	OW	P
FEDERAL 7-2D-64	2	060S	040W	4301350734	18584	Federal	OW	P
FEDERAL 10-6D-64	6	060S	040W	4301350735	18162	Federal	OW	P
FEDERAL 4-3D-64	3	060S	040W	4301350736	18621	Federal	OW	P
FEDERAL 12-3D-64	3	060S	040W	4301350737	18620	Federal	OW	P
LC TRIBAL 3-21D-56	21	050S	060W	4301350751	18462	Indian	OW	P
LC TRIBAL 5-21D-56	21	050S	060W	4301350752	18286	Indian	OW	P
FEDERAL 2-1D-65	1	060S	050W	4301350759	18172	Federal	OW	P
FEDERAL 3-1D-65	1	060S	050W	4301350760	18173	Federal	OW	P

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FEDERAL 5-1D-65	1	060S	050W	4301350761	18174	Federal	OW	P	
FEDERAL 9-2D-65	2	060S	050W	4301350762	18245	Federal	OW	P	
FEDERAL 11-2D-65	2	060S	050W	4301350763	18589	Federal	OW	P	
FEDERAL 15-2D-65	2	060S	050W	4301350764	18590	Federal	OW	P	
LC TRIBAL 14-14D-56	14	050S	060W	4301350776	18287	Indian	OW	P	
LC FEE 2-20D-56	20	050S	060W	4301350777	18622	Fee	OW	P	
LC TRIBAL 12-22D-56	22	050S	060W	4301350780	18341	Indian	OW	P	
FEDERAL 3-4D-65	4	060S	050W	4301350782	18556	Federal	OW	P	
FEDERAL 6-4D-65	4	060S	050W	4301350783	19162	Federal	OW	P	
FEDERAL 12-4D-65	4	060S	050W	4301350784	19171	Federal	OW	P	
LC TRIBAL 14-15D-56	15	050S	060W	4301350834	18362	Indian	OW	P	
UTE TRIBAL 7I-21D-54	21	050S	040W	4301350852	18423	Indian	OW	P	BERRY PILOT EOR 246-02
UTE TRIBAL 8L-21D-54	21	050S	040W	4301350853	18423	Indian	OW	P	BERRY PILOT EOR 246-02
UTE TRIBAL 10S-21D-54	21	050S	040W	4301350854	18423	Indian	OW	P	BERRY PILOT EOR 246-02
UTE TRIBAL 11-11-54	11	050S	040W	4301350861	18775	Indian	OW	P	
LC TRIBAL 2-28D-56	28	050S	060W	4301350866	18592	Indian	OW	P	
LC FEE 8-28D-56	28	050S	060W	4301350867	18342	Fee	OW	P	
LC TRIBAL 6-27D-56	27	050S	060W	4301350868	18480	Indian	OW	P	
LC FEE 15-23D-56	23	050S	060W	4301350870	18410	Fee	OW	P	
LC TRIBAL 15-26-56	26	050S	060W	4301350871	18377	Indian	OW	P	
UTE TRIBAL 16-11-55	11	050S	050W	4301350888	18707	Indian	OW	P	
LC TRIBAL 2-5D-56	5	050S	060W	4301350925	18568	Indian	OW	P	
LC TRIBAL 2-9D-56	9	050S	060W	4301350926	18425	Indian	OW	P	
LC FEE 8-29-45	29	040S	050W	4301350928	18313	Fee	OW	P	
LC FEE 13-29-45	29	040S	050W	4301350929	18426	Fee	OW	P	
LC FEE 9-12D-57	12	050S	070W	4301350963	18541	Fee	OW	P	
LC FEE 1-22-57	22	050S	070W	4301350965	18558	Fee	OW	P	
LC TRIBAL 11-3D-56	3	050S	060W	4301350966	18464	Indian	OW	P	
LC TRIBAL 3-34-45	34	040S	050W	4301350976	18661	Indian	OW	P	
LC TRIBAL 9-10D-56	10	050S	060W	4301350987	18944	Indian	OW	P	
LC TRIBAL 10-9D-56	9	050S	060W	4301350990	18864	Indian	OW	P	
LC FEE 10-31D-45	31	040S	050W	4301350994	18443	Fee	OW	P	
VIEIRA TRIBAL 4-4-54	4	050S	040W	4301350997	18747	Indian	OW	P	
LC TRIBAL 10-21-56	21	050S	060W	4301350999	18439	Indian	OW	P	
FEDERAL 1-5D-64	5	060S	040W	4301351012	18720	Federal	OW	P	
FEDERAL 2-5D-64	5	060S	040W	4301351013	18723	Federal	OW	P	
FEDERAL 7-5D-64	5	060S	040W	4301351014	18722	Federal	OW	P	
FEDERAL 8-5D-64	5	060S	040W	4301351015	18721	Federal	OW	P	
MYRIN TRIBAL 15-10-55	10	050S	050W	4301351024	18771	Indian	OW	P	
LC TRIBAL 15-15D-56	15	050S	060W	4301351030	18440	Indian	OW	P	
LC TRIBAL 9-15D-56	15	050S	060W	4301351031	18441	Indian	OW	P	
LC TRIBAL 6-28-45	28	040S	050W	4301351034	18700	Indian	OW	P	
FEDERAL 1-12D-65	12	060S	050W	4301351055	18739	Federal	OW	P	
FEDERAL 8-12D-65	12	060S	050W	4301351056	18718	Federal	OW	P	
FEDERAL 2-12D-65	12	060S	050W	4301351057	18738	Federal	OW	P	
LC TRIBAL 15-8D-56	8	050S	060W	4301351060	18862	Indian	OW	P	
LC TRIBAL 8-22D-56	22	050S	060W	4301351069	19233	Indian	OW	P	
LC TRIBAL 9-17D-56	17	050S	060W	4301351070	18945	Indian	OW	P	
LC TRIBAL 7-27-45	27	040S	050W	4301351073	18685	Indian	OW	P	
LC TRIBAL 11-24-45	24	040S	050W	4301351076	18745	Indian	OW	P	
FEDERAL 3-12D-65	12	060S	050W	4301351093	18705	Federal	OW	P	
FEDERAL 4-12D-65	12	060S	050W	4301351094	18704	Federal	OW	P	
FEDERAL 5-12D-65	12	060S	050W	4301351095	18702	Federal	OW	P	
FEDERAL 6-12D-65	12	060S	050W	4301351096	18703	Federal	OW	P	
LC TRIBAL 9-8D-56	8	050S	060W	4301351112	18522	Indian	OW	P	
UTE TRIBAL 4-9-54	9	050S	040W	4301351126	19059	Indian	OW	P	
UTE TRIBAL 6-9-54	9	050S	040W	4301351127	19017	Indian	OW	P	
UTE TRIBAL 2-9-54	9	050S	040W	4301351128	18946	Indian	OW	P	
UTE TRIBAL 1-10-54	10	050S	040W	4301351129	18879	Indian	OW	P	
LC TRIBAL 8-30D-56	30	050S	060W	4301351131	18539	Indian	OW	P	
LC TRIBAL 16-30D-56	30	050S	060W	4301351132	18540	Indian	OW	P	
FEDERAL 1-1D-65	1	060S	050W	4301351142	18623	Federal	OW	P	
UTE TRIBAL 8-9-54	9	050S	040W	4301351143	18947	Indian	OW	P	
FEDERAL 15-1D-65	1	060S	050W	4301351175	18654	Federal	OW	P	
FEDERAL 16-1D-65	1	060S	050W	4301351176	18655	Federal	OW	P	
LC TRIBAL 11-29D-56	29	050S	060W	4301351183	18873	Indian	OW	P	

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STATE TRIBAL 8-12-55	12	050S	050W	4301351188	18986	Indian	OW	P
LC TRIBAL 11-20D-56	20	050S	060W	4301351189	18819	Indian	OW	P
LC FEE 5-20D-56	20	050S	060W	4301351190	18818	Fee	OW	P
LC FEE 9-19-56	19	050S	060W	4301351192	18596	Fee	OW	P
LC TRIBAL 9-9D-56	9	050S	060W	4301351198	18595	Indian	OW	P
FEDERAL 16-6-64	6	060S	040W	4301351217	18792	Federal	OW	P
FEDERAL 9-6D-64	6	060S	040W	4301351218	18791	Federal	OW	P
UTE TRIBAL 5-17-55	17	050S	050W	4301351220	18841	Indian	OW	P
UTE TRIBAL 16-3-54	3	050S	040W	4301351226	18664	Indian	OW	P
STATE TRIBAL 15-6-54	6	050S	040W	4301351227	18746	Indian	OW	P
STATE TRIBAL 8-7-54	7	050S	040W	4301351228	18743	Indian	OW	P
STATE TRIBAL 12-1-55	1	050S	050W	4301351229	18741	Indian	OW	P
STATE TRIBAL 11-2-55	2	050S	050W	4301351230	18742	Indian	OW	P
FEDERAL 1-11-65	11	060S	050W	4301351231	18689	Federal	OW	P
FEDERAL 8-11D-65	11	060S	050W	4301351232	18688	Federal	OW	P
FEDERAL 2-11D-65	11	060S	050W	4301351233	18690	Federal	OW	P
STATE TRIBAL 12-3-55	3	050S	050W	4301351236	18744	Indian	OW	P
UTE TRIBAL 11-4-55	4	050S	050W	4301351237	18663	Indian	OW	P
UTE TRIBAL 4-9-55	9	050S	050W	4301351238	18796	Indian	OW	P
UTE TRIBAL 15-5-55	5	050S	050W	4301351239	18740	Indian	OW	P
UTE FEE 9-9-54	9	050S	040W	4301351259	18642	Fee	OW	P
LC TRIBAL 4-29-45	29	040S	050W	4301351260	18719	Indian	OW	P
UTE FEE 14-9D-54	9	050S	040W	4301351271	18684	Fee	OW	P
UTE FEE 15-9D-54	9	050S	040W	4301351272	18687	Fee	OW	P
LC FEE 10-28D-56	28	050S	060W	4301351288	18591	Fee	OW	P
UTE TRIBAL 8-16D-54	16	050S	040W	4301351295	19003	Indian	OW	P
FEE TRIBAL 4-5-54	5	050S	040W	4301351303	19187	Indian	OW	P
LC TRIBAL 1-26-56	26	050S	060W	4301351306	18816	Indian	OW	P
UTE TRIBAL 6-16D-54	16	050S	040W	4301351307	19060	Indian	OW	P
LC TRIBAL 7-22D-56	22	050S	060W	4301351308	18795	Indian	OW	P
LC TRIBAL 9-22D-56	22	050S	060W	4301351309	18794	Indian	OW	P
LC TRIBAL 9-32D-56	32	050S	060W	4301351316	19228	Indian	OW	P
LC TRIBAL 7-26D-56	26	050S	060W	4301351319	18817	Indian	OW	P
LC FEE 8-6D-56	6	050S	060W	4301351342	18657	Fee	OW	P
LC FEE 10-29D-45	29	040S	050W	4301351343	18850	Fee	OW	P
LC TRIBAL 1-7D-56	7	050S	060W	4301351344	18774	Indian	OW	P
LC TRIBAL 9-7D-56	7	050S	060W	4301351346	18773	Indian	OW	P
LC TRIBAL 11-10D-56	10	050S	060W	4301351369	18840	Indian	OW	P
LC FEE 1-31D-45	31	040S	050W	4301351371	18686	Fee	OW	P
LC TRIBAL 14-21D-56	21	050S	060W	4301351384	18877	Indian	OW	P
LC TRIBAL 4-22D-56	22	050S	060W	4301351385	18878	Indian	OW	P
LC TRIBAL 8-21D-56	21	050S	060W	4301351392	18874	Indian	OW	P
UTE TRIBAL 1-17-55	17	050S	050W	4301351393	18848	Indian	OW	P
LC TRIBAL 4-33D-45	33	040S	050W	4301351401	18853	Indian	OW	P
LC TRIBAL 16-21D-56	21	050S	060W	4301351407	18875	Indian	OW	P
UTE TRIBAL 2-10D-54	10	050S	040W	4301351411	19172	Indian	OW	P
UTE TRIBAL 4-10D-54	10	050S	040W	4301351414	19069	Indian	OW	P
LC TRIBAL 2-21D-56	16	050S	060W	4301351418	19252	Indian	OW	P
LC TRIBAL 1-23D-45	23	040S	050W	4301351425	18855	Indian	OW	P
LC TRIBAL 2-28D-45	28	040S	050W	4301351429	18701	Indian	OW	P
LC TRIBAL 9-28D-45	28	040S	050W	4301351430	18656	Indian	OW	P
LC TRIBAL 1-29-56	29	050S	060W	4301351442	18876	Indian	OW	P
LC FEE 1-1-56	1	050S	060W	4301351458	18829	Fee	OW	P
LC Tribal 12-32-45	32	040S	050W	4301351465	18772	Indian	OW	P
UTE TRIBAL 2-5-54	5	050S	040W	4301351520	18880	Indian	OW	P
LC Tribal 3-32D-45	32	040S	050W	4301351561	18842	Indian	OW	P
LC TRIBAL 5-15D-56	15	050S	060W	4301351562	19253	Indian	OW	P
LC FEE 16-36-56	36	050S	060W	4301351611	19096	Fee	OW	P
LC TRIBAL 15-34-56	34	050S	060W	4301351647	18962	Indian	OW	P
LC TRIBAL 1-34D-56	34	050S	060W	4301351660	18988	Indian	OW	P
LC FEE 13-23-56	23	050S	060W	4301351706	18994	Fee	OW	P
LC FEE 11-23D-56	23	050S	060W	4301351707	18995	Fee	OW	P
LC TRIBAL 3-33-56	33	050S	060W	4301351711	19242	Indian	OW	P
LC FEE 11-29D-45	29	040S	050W	4301351743	19188	Fee	OW	P
LC FEE 4-28D-45	29	040S	050W	4301351745	18849	Fee	OW	P
CC Fee 7R-28-38	28	030S	080W	4301351852	18863	Fee	OW	P

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FEDERAL 6-7-64	7	060S	040W	4301351915	19117	Federal	OW	P
FEDERAL 3-7D-64	7	060S	040W	4301351916	19115	Federal	OW	P
FEDERAL 4-7D-64	7	060S	040W	4301351917	19110	Federal	OW	P
FEDERAL 5-7D-64	7	060S	040W	4301351918	19111	Federal	OW	P
FEDERAL 2-7-64	7	060S	040W	4301351919	19139	Federal	OW	P
FEDERAL 1-7D-64	7	060S	040W	4301351920	19140	Federal	OW	P
FEDERAL 12-7D-64	7	060S	040W	4301351924	19025	Federal	OW	P
FEDERAL 11-7D-64	7	060S	040W	4301351925	19039	Federal	OW	P
FEDERAL 13-7D-64	7	060S	040W	4301351926	19026	Federal	OW	P
FEDERAL 14-7D-64	7	060S	040W	4301351927	19040	Federal	OW	P
FEDERAL 7-7D-64	7	060S	040W	4301351933	19141	Federal	OW	P
FEDERAL 8-7D-64	7	060S	040W	4301351934	19142	Federal	OW	P
FEDERAL 9-7D-64	7	060S	040W	4301351935	19143	Federal	OW	P
FEDERAL 10-7D-64	7	060S	040W	4301351936	19144	Federal	OW	P
ABBOTT FEE 2-6D-54	6	050S	040W	4301351949	18974	Fee	OW	P
ABBOTT FEE 8-6D-54	6	050S	040W	4301351950	18964	Fee	OW	P
ABBOTT FEE 4-6-54	6	050S	040W	4301351952	18965	Fee	OW	P
Federal 15-12D-65	12	060S	050W	4301351992	19051	Federal	OW	P
Federal 10-12D-65	12	060S	050W	4301351999	19052	Federal	OW	P
Federal 9-12D-65	12	060S	050W	4301352000	19053	Federal	OW	P
Federal 16-12D-65	12	060S	050W	4301352003	19054	Federal	OW	P
Federal 1-6D-65	6	060S	050W	4301352012	19189	Federal	OW	P
Federal 3-6D-65	6	060S	050W	4301352014	19190	Federal	OW	P
Federal 2-6-65	6	060S	050W	4301352017	19191	Federal	OW	P
Federal 7-6D-65	6	060S	050W	4301352018	19192	Federal	OW	P
Federal 16-11D-65	11	060S	050W	4301352045	19070	Federal	OW	P
Federal 15-11D-65	11	060S	050W	4301352046	19076	Federal	OW	P
Federal 10-11D-65	11	060S	050W	4301352047	19077	Federal	OW	P
Federal 9-11D-65	11	060S	050W	4301352048	19071	Federal	OW	P
Federal 11-12D-65	12	060S	050W	4301352049	19121	Federal	OW	P
Federal 12-12D-65	12	060S	050W	4301352050	19122	Federal	OW	P
Federal 13-12D-65	12	060S	050W	4301352052	19123	Federal	OW	P
Federal 14-12D-65	12	060S	050W	4301352053	19124	Federal	OW	P
LC Tribal 12-28D-45	28	040S	050W	4301352089	19378	Indian	OW	P
LC Tribal 2-32D-45	32	040S	050W	4301352113	19348	Indian	OW	P
LC Tribal 16-29D-45	32	040S	050W	4301352114	19349	Indian	OW	P
Vieira Tribal 3-4D-54	4	050S	040W	4301352145	19210	Indian	OW	P
Vieira Tribal 5-4D-54	4	050S	040W	4301352146	19193	Indian	OW	P
Vieira Tribal 6-4D-54	4	050S	040W	4301352147	19216	Indian	OW	P
Lamplugh Tribal 6-3D-54	3	050S	040W	4301352148	19289	Indian	OW	P
Lamplugh Tribal 5-3D-54	3	050S	040W	4301352149	19290	Indian	GW	P
Lamplugh Tribal 4-3D-54	3	050S	040W	4301352150	19291	Indian	OW	P
Lamplugh Tribal 3-3D-54	3	050S	040W	4301352151	19292	Indian	OW	P
UTE Tribal 6-35D-54	35	050S	040W	4301352158	19254	Indian	GW	P
UTE Tribal 4-35D-54	35	050S	040W	4301352159	19255	Indian	GW	P
Heiner Tribal 3-11D-54	11	050S	040W	4301352165	19194	Indian	OW	P
Heiner Tribal 4-11-54	11	050S	040W	4301352166	19195	Indian	OW	P
Heiner Tribal 5-11D-54	11	050S	040W	4301352167	19196	Indian	OW	P
Conolly Tribal 1-11D-54	11	050S	040W	4301352168	19270	Indian	OW	P
Conolly Tribal 2-11D-54	11	050S	040W	4301352169	19197	Indian	OW	P
Conolly Tribal 7-11D-54	11	050S	040W	4301352170	19280	Indian	OW	P
Conolly Tribal 8-11D-54	11	050S	040W	4301352171	19281	Indian	OW	P
Casper Tribal 1-5D-54	5	050S	040W	4301352180	19198	Indian	OW	P
Fee Tribal 6-5D-54	5	050S	040W	4301352181	19199	Indian	OW	P
Fee Tribal 5-5D-54	5	050S	040W	4301352182	19200	Indian	OW	P
Fee Tribal 3-5D-54	5	050S	040W	4301352184	19201	Indian	OW	P
Casper Tribal 7-5D-54	5	050S	040W	4301352185	19202	Indian	OW	P
UTE Tribal 10-35D-54	35	050S	040W	4301352198	19320	Indian	OW	P
UTE Tribal 14-35D-54	35	050S	040W	4301352199	19311	Indian	GW	P
UTE Tribal 12-35D-54	35	050S	040W	4301352200	19312	Indian	OW	P
UTE Tribal 16-35D-54	35	050S	040W	4301352230	19321	Indian	OW	P
Evans Tribal 1-3-54	3	050S	040W	4301352234	19264	Indian	OW	P
Evans Tribal 2-3D-54	3	050S	040W	4301352235	19265	Indian	OW	P
Evans Tribal 7-3D-54	3	050S	040W	4301352236	19256	Indian	OW	P
Evans Tribal 8-3D-54	3	050S	040W	4301352237	19257	Indian	OW	P
Ute Tribal 9-3D-54	3	050S	040W	4301352249	19236	Indian	OW	P

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Ute Tribal 15-3D-54	3	050S	040W	4301352250	19237	Indian	OW	P	
Ute Tribal 10-3-54	3	050S	040W	4301352251	19238	Indian	OW	P	
Ute Tribal 14-3D-54	3	050S	040W	4301352298	19258	Indian	OW	P	
Ute Tribal 12-3D-54	3	050S	040W	4301352299	19259	Indian	OW	P	
Ute Tribal 11-3D-54	3	050S	040W	4301352300	19260	Indian	OW	P	
Ute Tribal 16-4D-54	4	050S	040W	4301352302	19350	Indian	OW	P	
Ute Tribal 15-4D-54	4	050S	040W	4301352303	19293	Indian	OW	P	
Ute Tribal 9-4D-54	4	050S	040W	4301352305	19304	Indian	OW	P	
Ute Tribal 10-4D-54	4	050S	040W	4301352307	19294	Indian	OW	P	
UTE Tribal 2-35D-54	35	050S	040W	4301352319	19322	Indian	OW	P	
UTE Tribal 8-35D-54	35	050S	040W	4301352320	19323	Indian	OW	P	
Abbott Fee 5-6D-54	6	050S	040W	4301352326	19351	Fee	OW	P	
Ute Tribal 6-11D-54	11	050S	040W	4301352330	19243	Indian	OW	P	
Ute Tribal 12-11D-54	11	050S	040W	4301352331	19244	Indian	OW	P	
Ute Tribal 14-11D-54	11	050S	040W	4301352332	19245	Indian	OW	P	
Ute Tribal 11-4D-54	4	050S	040W	4301352343	19305	Indian	OW	P	
Ute Tribal 12-4D-54	4	050S	040W	4301352344	19352	Indian	OW	P	
Ute Tribal 13-4D-54	4	050S	040W	4301352345	19353	Indian	OW	P	
Ute Tribal 14-4D-54	4	050S	040W	4301352346	19306	Indian	OW	P	
Ute Tribal 16-5D-54	5	050S	040W	4301352545	99999	Indian	OW	P	
Ute Tribal 15-5D-54	5	050S	040W	4301352546	99999	Indian	OW	P	
Ute Tribal 10-5D-54	5	050S	040W	4301352547	99999	Indian	OW	P	
Ute Tribal 8-5D-54	5	050S	040W	4301352548	99999	Indian	OW	P	
SCOFIELD-THORPE 26-31	26	120S	070E	4300730987	15218	Fee	D	PA	
SCOFIELD-THORPE 26-43	26	120S	070E	4300730990	14922	Fee	D	PA	
SCOFIELD CHRISTIANSEN 8-23	8	120S	070E	4300730999	15172	Fee	D	PA	
CC FEE 7-28-38	28	030S	080W	4301350887	18288	Fee	D	PA	
CC FEE 8-9-37	9	030S	070W	4301350896	18660	Fee	D	PA	
ST LOST CREEK 32-44	32	110S	070E	4304930023	14450	State	D	PA	
SCOFIELD THORPE 22-41X RIG SKID	22	120S	070E	4300730890	13719	Fee	GW	S	
SCOFIELD-THORPE 35-13	35	120S	070E	4300730991	14846	Fee	GW	S	
SCOFIELD-THORPE 23-31	23	120S	070E	4300731001	14923	Fee	GW	S	
NUTTERS RIDGE FED 5-1	5	060S	040W	4301330403	8231	Federal	OW	S	
WIRE FENCE CYN FED 15-1	15	060S	050W	4301330404	8233	Federal	GW	S	
R FORK ANTELOPE CYN FED 25-1	25	060S	050W	4301330406	8234	Federal	OW	S	
WOLF HOLLOW 22-1	22	060S	050W	4301330425	10370	Federal	GW	S	
ANTELOPE RIDGE 24-1	24	060S	050W	4301330426	10371	Federal	OW	S	
B C UTE TRIBAL 8-21	21	050S	040W	4301330829	8414	Indian	OW	S	BERRY PILOT EOR 246-02
Z and T UTE TRIBAL 10-21	21	050S	040W	4301331283	11133	Indian	GW	S	BERRY PILOT EOR 246-02
Z and T UTE TRIBAL 12-22	22	050S	040W	4301331311	11421	Indian	OW	S	
UTE TRIBAL 15-17	17	050S	040W	4301331649	11956	Indian	OW	S	
UTE TRIBAL 7-30	30	050S	040W	4301332167	12945	Indian	OW	S	
UTE TRIBAL 8-35-55	35	050S	050W	4301332267	13571	Indian	OW	S	
UTE TRIBAL 10-16-55	16	050S	050W	4301332345	13693	Indian	OW	S	
FOY TRIBAL 11-34-55	34	050S	050W	4301332351	13648	Indian	OW	S	
UTE TRIBAL 13-30-54	30	050S	040W	4301332409	13968	Indian	OW	S	
UTE TRIBAL 3-33-54	33	050S	040W	4301332412	13938	Indian	OW	S	
UTE TRIBAL 1-20-55	20	050S	050W	4301332414	14548	Indian	OW	S	
UTE TRIBAL 11-30-54	30	050S	040W	4301332512	13982	Indian	OW	S	
UTE TRIBAL 2-24-54	24	050S	040W	4301332569	14314	Indian	OW	S	
UTE TRIBAL 10-14-55	14	050S	050W	4301332601	14331	Indian	OW	S	
MOON TRIBAL 3-27-54	27	050S	040W	4301332613	14416	Indian	OW	S	
UTE TRIBAL 7-21-54	21	050S	040W	4301332623	14383	Indian	OW	S	BERRY PILOT EOR 246-02
UTE TRIBAL 16-24-55	24	050S	050W	4301332672	14384	Indian	GW	S	
UTE TRIBAL 7-35-54	35	050S	040W	4301332774	15019	Indian	OW	S	
UTE TRIBAL 16-25-54	25	050S	040W	4301332779	15078	Indian	OW	S	
MOON TRIBAL 13-27-54	27	050S	040W	4301332801	15057	Indian	OW	S	
UTE TRIBAL 15-15-55	15	050S	050W	4301332855	15114	Indian	OW	S	
UTE TRIBAL 5-36-55	36	050S	050W	4301332930	15301	Indian	OW	S	
UTE TRIBAL 8-24-54	24	050S	040W	4301332933	15402	Indian	OW	S	
UTE TRIBAL 12-15-55	15	050S	050W	4301332981	15348	Indian	OW	S	
UTE TRIBAL 9-21-54	21	050S	040W	4301333040	15360	Indian	OW	S	BERRY PILOT EOR 246-02
UTE TRIBAL 15-21-54	21	050S	040W	4301333114	15441	Indian	OW	S	BERRY PILOT EOR 246-02
UTE TRIBAL 10-16-54	16	050S	040W	4301333129	15454	Indian	OW	S	
TAYLOR FEE 7-14-56	14	050S	060W	4301333140	15601	Fee	OW	S	
UTE TRIBAL 9S-25-55	25	050S	050W	4301333245	15962	Indian	OW	S	

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UTE TRIBAL 9-5-54	5	050S	040W	4301351111	18909	Indian	OW	S	
ABBOTT FEE 6-6-54	6	050S	040W	4301351948	18963	Fee	OW	S	