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 FEE 16-16D-56

2. TYPE OF WORK
DRILL NEW WELL ◉ REENTER P&A WELL ○ DEEPEN WELL ○

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)
FEE

11. MINERAL OWNERSHIP
FEDERAL ○ INDIAN ○ STATE ○ FEE ◉

12. SURFACE OWNERSHIP
FEDERAL ○ INDIAN ○ STATE ○ FEE ◉

13. NAME OF SURFACE OWNER (if box 12 = 'fee')
WILCOX INVESTMENT COMPANY

14. SURFACE OWNER PHONE (if box 12 = 'fee')

15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')
P O BOX 1329, ,

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 ○ (Submit Commingling Application) NO ◉

19. SLANT
VERTICAL ○ DIRECTIONAL ◉ HORIZONTAL ○

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1046 FSL 2110 FEL	SWSE	16	5.0 S	6.0 W	U
Top of Uppermost Producing Zone	759 FSL 997 FEL	SESE	16	5.0 S	6.0 W	U
At Total Depth	681 FSL 729 FEL	SESE	16	5.0 S	6.0 W	U

21. COUNTY
DUCHESNE

22. DISTANCE TO NEAREST LEASE LINE (Feet)
1046

23. NUMBER OF ACRES IN DRILLING UNIT
80

25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)
15

26. PROPOSED DEPTH
MD: 6476 TVD: 6200

27. ELEVATION - GROUND LEVEL
6612

28. BOND NUMBER
RLB0005651

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 - 650	24.0	J-55 ST&C	9.5	Class G	410	1.15	15.8
Prod	7.875	5.5	0 - 6476	15.5	J-55 LT&C	9.5	Type V	180	3.82	11.0
							Class G	350	1.7	13.1

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

- ☑ **WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER**
- ☑ **COMPLETE DRILLING PLAN**
- ☑ **AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)**
- ☐ **FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER**
- ☑ **DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)**
- ☑ **TOPOGRAPHICAL MAP**

NAME Kathy K. Fieldsted	**TITLE** Sr. Regulatory & Permitting Tech.	**PHONE** 435 722-1325
SIGNATURE	**DATE** 01/28/2011	**EMAIL** kkf@bry.com

API NUMBER ASSIGNED
43013506010000

APPROVAL

Permit Manager

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RECEIVED: May. 04, 2011

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 FEE 16-16D-56
SW ¼, SE ¼, 1046' FSL 2110' FEL, SEC. 16, T5S, R6W, U.S.B.& M.
BHL: SE ¼, SE ¼, 681' FSL, 729' FEL, SEC. 16, T5S, R6W,
Lease: FEE
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

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

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RECEIVED: Jan. 28, 2011

BERRY PETROLEUM COMPANY
LC FEE 16-16D-56
Surface location: SW ¼, SE ¼, 1046' FSL 2110' FEL, SEC. 16, T5W, R6W, U.S.B.& M.
BHL: SE ¼, SE ¼, 681' FSL, 729' FEL SEC.16, T5S, R5W
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	486'	497'	486'
Green River Upper Marker	962'	979'	965'
Mahogany	1,543'	1,553'	1,588'
Tgr3	2,577'	2,590'	2,751'
*Douglas Creek	3,354'	3,374'	3,619'
Black Shale	3,996'	4,014'	4,294'
*Castle Peak	4,272'	4,284'	4,574'
*Uteland Butte	4,635'	4,651'	4,939'
*Wasatch	4,865'	4,882'	5,169'
CR-6 (base U Wasatch)	6,071'	6,086'	6,375'
TD	6,200'	6,200'	6,476'
Base of Moderate Saline H2O		4,827'	

*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.

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3 Proposed Casing and Cementing Program

Purpose	Depth	Hole Size	Casing Size	Type	Connection	Weight
Surface	650'	12.25"	8-5/8"	J-55	ST&C	24#
Production	6476'	7.875"	5-1/2"	J-55	LT&C	15.5#

Surface	Fill	Type & Amount
0' – 650'	650'	Approximately 410 sks Premium Plus (Type G) + 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' – 6476'	Tail: +/- 350 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' – 650'	8.4 – 9.5	27	NC	DAP Mud
650'-6476'	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.

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Depth Intervals	BOP Equipment
0 – 650'	No Pressure Control
650' – 6476'	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 3038 psi* and maximum anticipated surface pressure equals approximately 1674**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.

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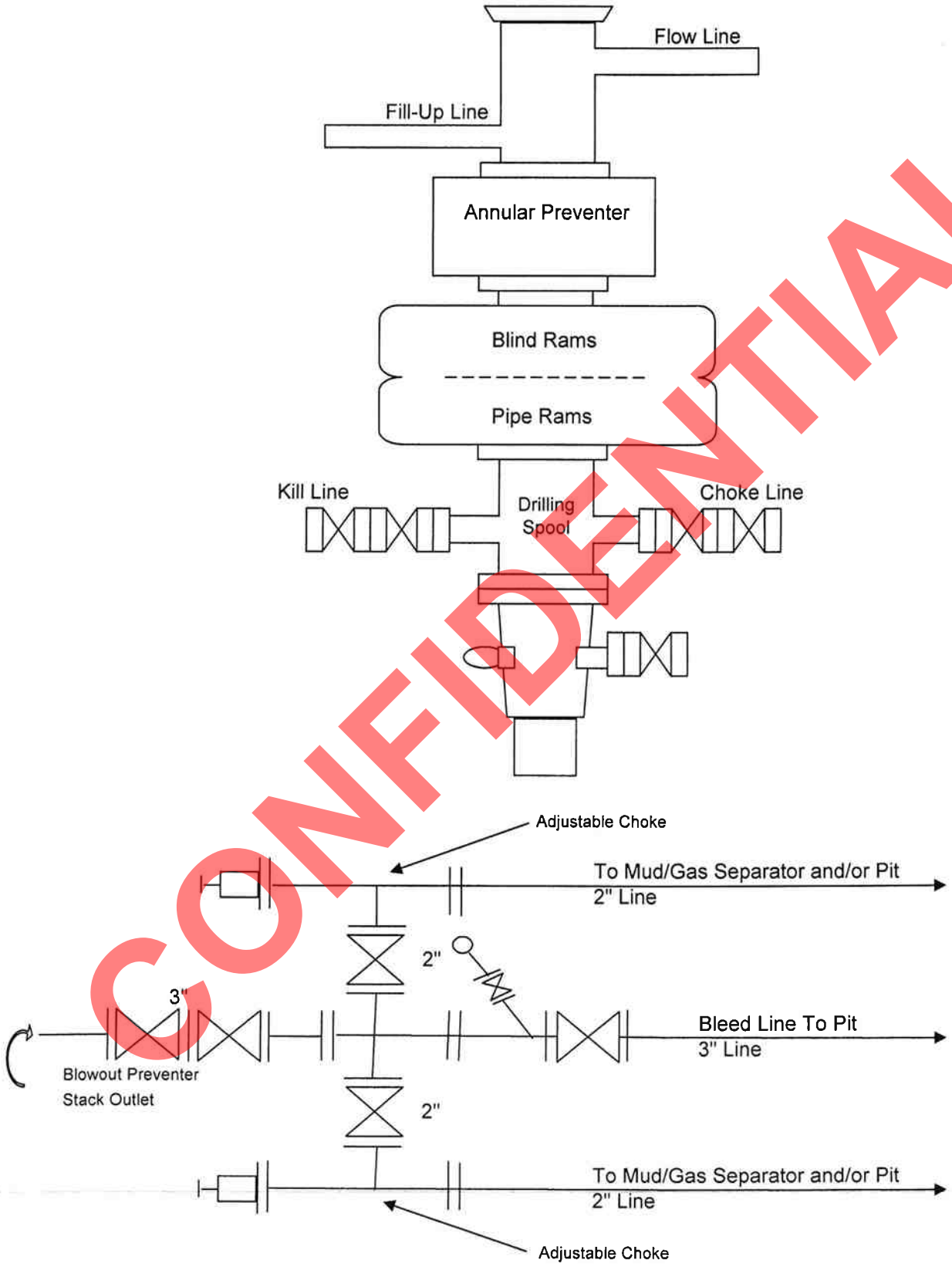
SCHEMATIC DIAGRAM OF 2,000 PSI BOP STACK



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PRO PETRO SERVICES INCORPORATED

Berry Petroleum
Lake Canyon Project
8 5/8 Surface Casing
LC Fee 16-16D-56

T.D.	650 ft			
Hole Size	12 ¼ in			
Casing Size	8 5/8 in			
Casing Weight	24 #			
Cement Coverage	650 ft to surface			
Cement Excess	75 %			
Premium Class G Cmt	**410 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)	49 bbl (2050 gal)
Water ahead	10 bbl
Gel sweep	20 bbl
410 sks Cement	84 bbl (15.8 ppg)
Drop Top Plug	
Displacement	38.6 bbl

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PRO PETRO SERVICES INCORPORATED

Berry Petroleum
Lake Canyon Project
5 ½ Production Casing
LC Fee 16-16D-56
With loss of circulation

T.D.	6476 ft
Hole Size	7 7/8 in
Casing Size	5 ½ in
Casing Weight	15.50 lb/ ft
Tail Cement Coverage	6476 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 350 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)	6835 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)	105.6 bbls(13.1 ppg)
Wash Pump and Lines and Drop Top Plug	
Displacemnet (KCL)	153.0 bbls(8.4 ppg)

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PRO PETRO SERVICES INCORPORATED

Berry Petroleum
Lake Canyon Project
5 ½ Production Casing
LC Fee 16-16D-56
No loss of circulation

T.D.	6476ft
Hole Size	7 7/8 in
Casing Size	5 ½ in
Casing Weight	15.50 lb/ ft
Tail Cement Coverage	6476 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	**470 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)	6843 gal	
Water ahead	10 bbl	
Mud Flush	20 bbl	
Water Spacer	10 bbl	
Lead Cement	122.5 bbl	(11 ppg)
Tail Cement	105.5 bbl	(14.2 ppg)
Wash Pump and Lines Drop Top Plug		
Displacement (KCl)	153.0bbl	

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BERRY PETROLEUM COMPANY
LC FEE 16-16D-56
Surface location: SW ¼, SE ¼, 1046' FSL 2110' FEL, SEC. 16, T5W, R6W, U.S.B.& M.
BHL: SE ¼, SE ¼, 681' FSL, 729' FEL SEC.16, T5S, R5W
Duchesne County, Utah

ONSHORE ORDER NO. 1

MULTI POINT SURFACE USE & OPERATIONS PLAN

1 Existing Roads

To reach the Berry Petroleum Company well, LC Fee 16-16D-56, in Section 16-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 2.9 miles to the 15-16-56 access road and proceed approx. 180'+/- to the LC Fee 16-16D-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 1mile 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. The required paint color is desert brown (10YR 6/4) unless otherwise designated by the Authorized Officer.

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.

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API Well Number: 43013506010000

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

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 form 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 cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility within 180 days after drilling is terminated. Upon well completion, weather permitting (summer months), any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

Unless otherwise specified, the reserve pit will be constructed on the location and will not be located within natural drainages, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

If it is determined at the onsite that a pit liner is necessary, the reserve pit will be lined with a synthetic reinforced liner a minimum of 12 millimeters thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. Trash or scrap that could puncture the liner will not be disposed of in the pit.

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API Well Number: 43013506010000

Reserve pit leaks are considered an unacceptable and undesirable event and will be orally reported to the Authorized Agency Officer.

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.

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)

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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 backfilling the reserve pit, the fence surrounding the reserve pit will be removed. The pit liner will be folded, torn, and perforated after the pit dries and prior to backfilling the reserve pit.

Before any dirt work associated with reserve pit restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations. The reserve pit will be reclaimed within 180 days from the date of well completion, weather permitting. Once reclamation activities have begun, the activities will be completed within 30 days.

After the reserve pit has been reclaimed, no depressions in the soil covering the reserve pit will be allowed. The object is to keep seasonal rainfall and runoff from seeping into the soil used to cover the reserve pit. Diversion ditches and water bars will be used to divert runoff as needed.

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.

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.

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11 Surface Ownership

Wilcox Investment Company
c/o R.J. Pinder
P O Box 1329
Park City, UT 84060

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

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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).

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.

January 28, 2011
DATE

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

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RECEIVED: Jan. 28, 2011

API Well Number: 43013506010000

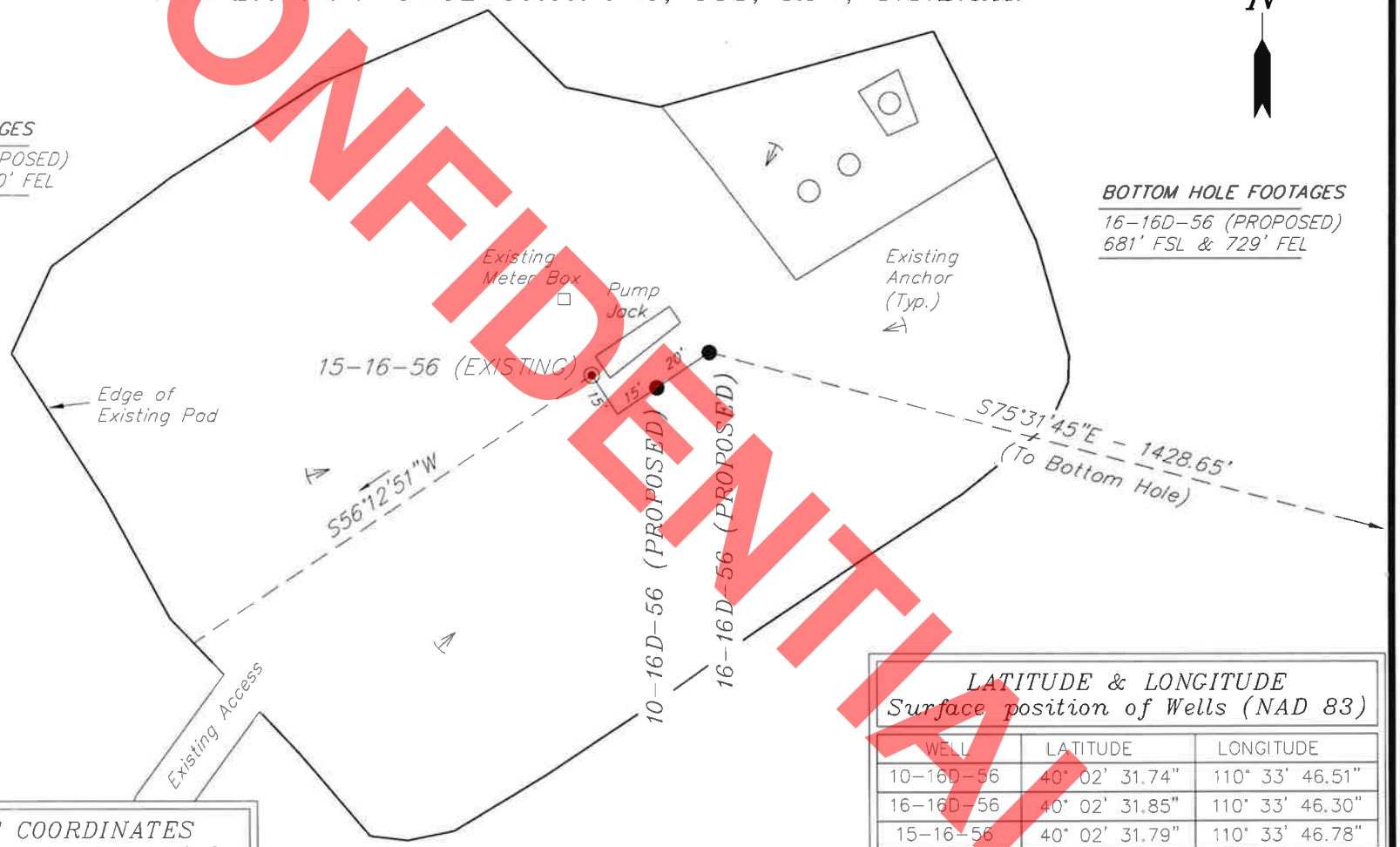
BERRY PETROLEUM COMPANY

WELL PAD INTERFERENCE PLAT

LC Tribal 10-16D-56 (Proposed Well)
LC Fee 16-16D-56 (Proposed Well)
WCF 15-16-56 (Existing Well)

Pad Location: SWSE Section 16, T5S, R6W, U.S.B.&M.

CONFIDENTIAL



TOP HOLE FOOTAGES

16-16D-56 (PROPOSED)
1046' FSL & 2110' FEL

BOTTOM HOLE FOOTAGES

16-16D-56 (PROPOSED)
681' FSL & 729' FEL

LATITUDE & LONGITUDE
Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
10-16D-56	40° 02' 31.74"	110° 33' 46.51"
16-16D-56	40° 02' 31.85"	110° 33' 46.30"
15-16-56	40° 02' 31.79"	110° 33' 46.78"

RELATIVE COORDINATES
From top hole to bottom hole

WELL	NORTH	EAST
16-16D-56	-357'	1383'

SURVEYED BY:	S.H.	DATE SURVEYED:	11-16-10
DRAWN BY:	L.C.S.	DATE DRAWN:	12-09-10
SCALE:	1" = 50'	REVISED:	01-21-11 D.COX

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

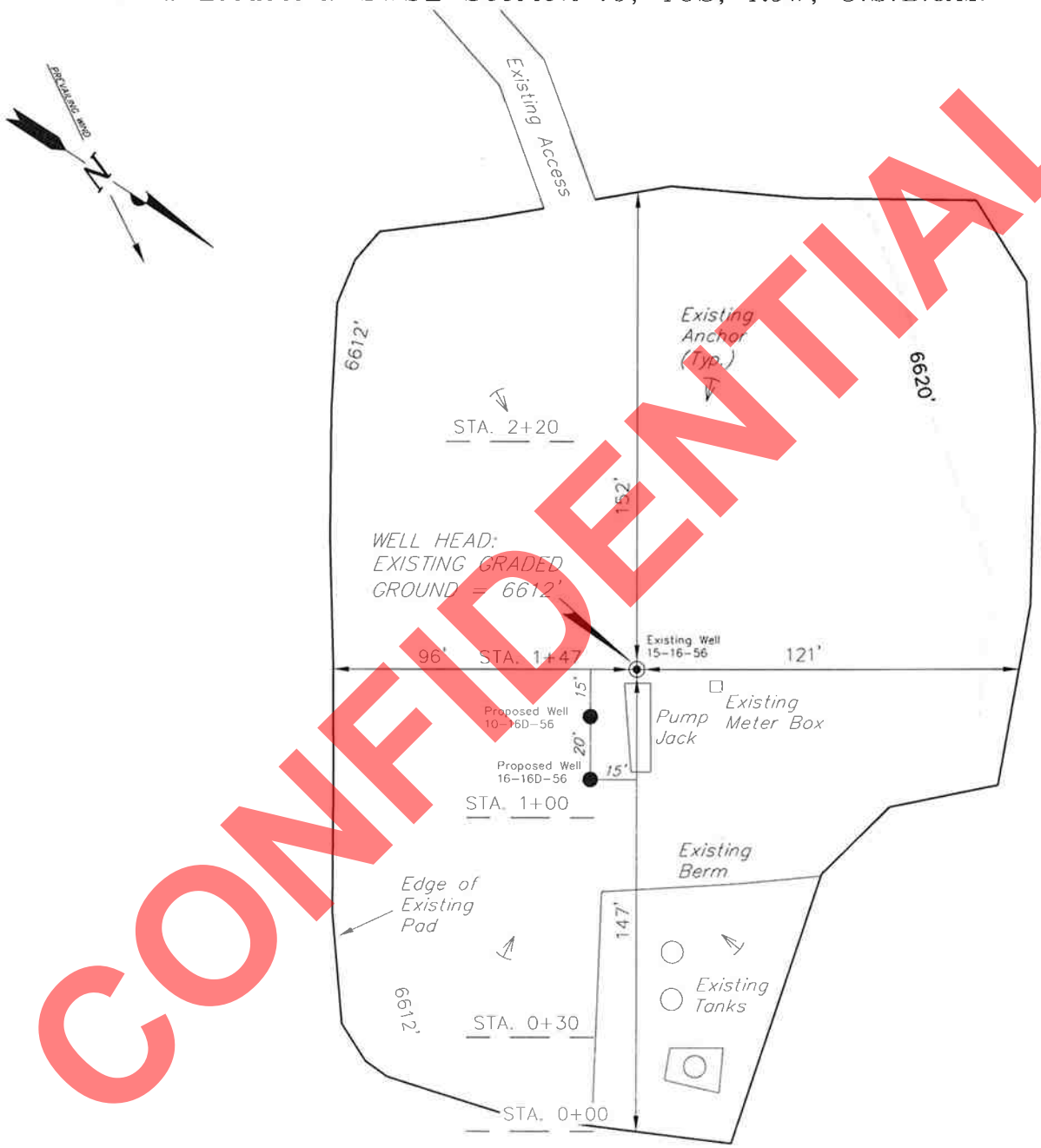
RECEIVED: Jan. 28, 2011

BERRY PETROLEUM COMPANY

LOCATION LAYOUT

LC Tribal 10-16D-56 (Proposed Well)
LC Fee 16-16D-56 (Proposed Well)
WCF 15-16-56 (Existing Well)

Pad Location: SWSE Section 16, T5S, R6W, U.S.B.&M.



CONFIDENTIAL

SURVEYED BY: S.H.	DATE SURVEYED: 11-22-10	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: L.C.S.	DATE DRAWN: 12-09-10	180 NORTH VERNAL AVE VERNAL, UTAH 84078
SCALE: 1" = 50'	REVISED: 01-21-11 D.COX	

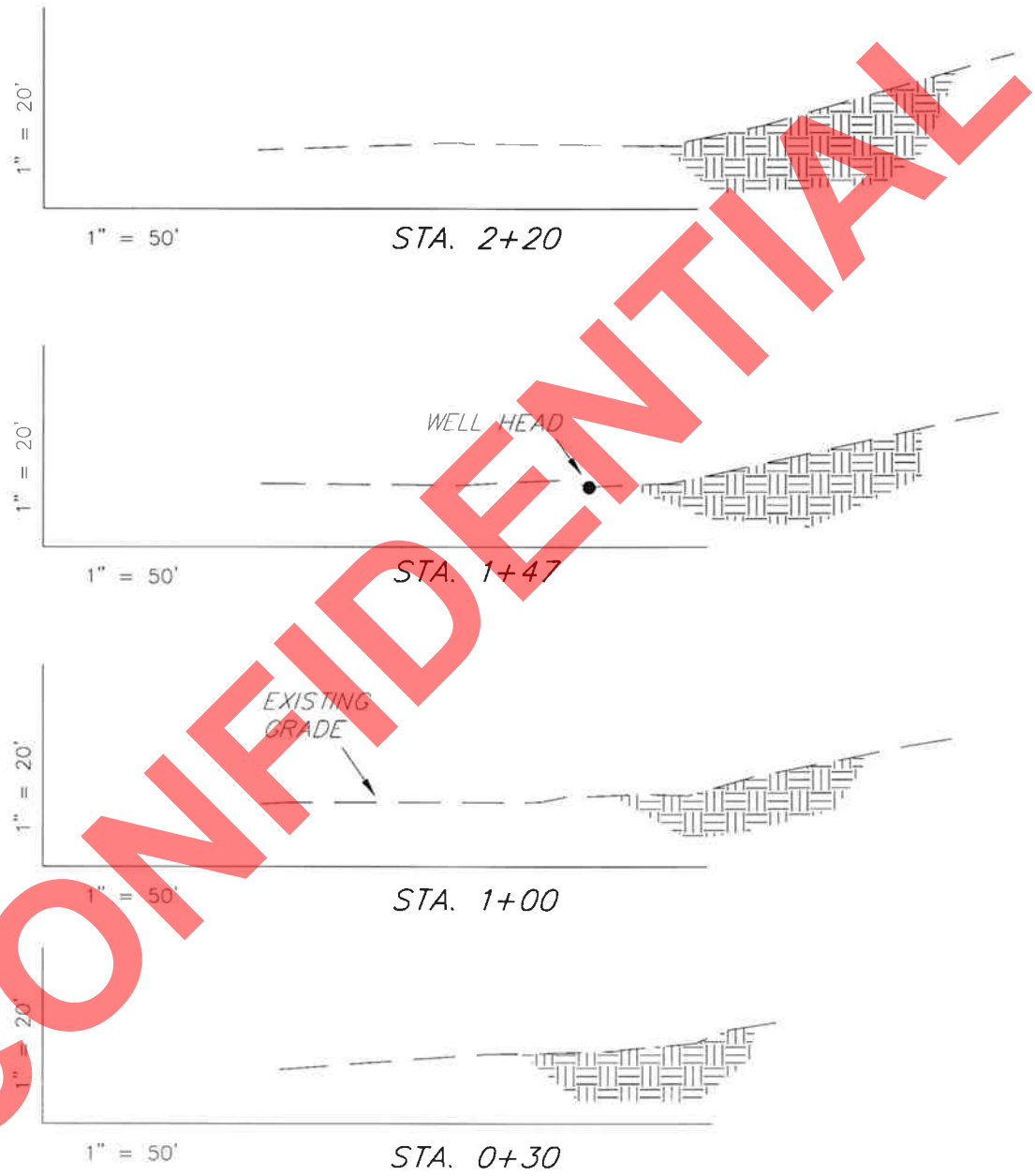
RECEIVED: Jan. 28, 2011

BERRY PETROLEUM COMPANY

CROSS SECTIONS

LC Tribal 10-16D-56 (Proposed Well)
LC Fee 16-16D-56 (Proposed Well)
WCF 15-16-56 (Existing Well)

Pad Location: SWSE Section 16, T5S, R6W, U.S.B.&M.



CONFIDENTIAL

SURVEYED BY: S.H.	DATE SURVEYED: 11-22-10	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: L.C.S.	DATE DRAWN: 12-09-10	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 50'	REVISED: 01-21-11 D.COX	

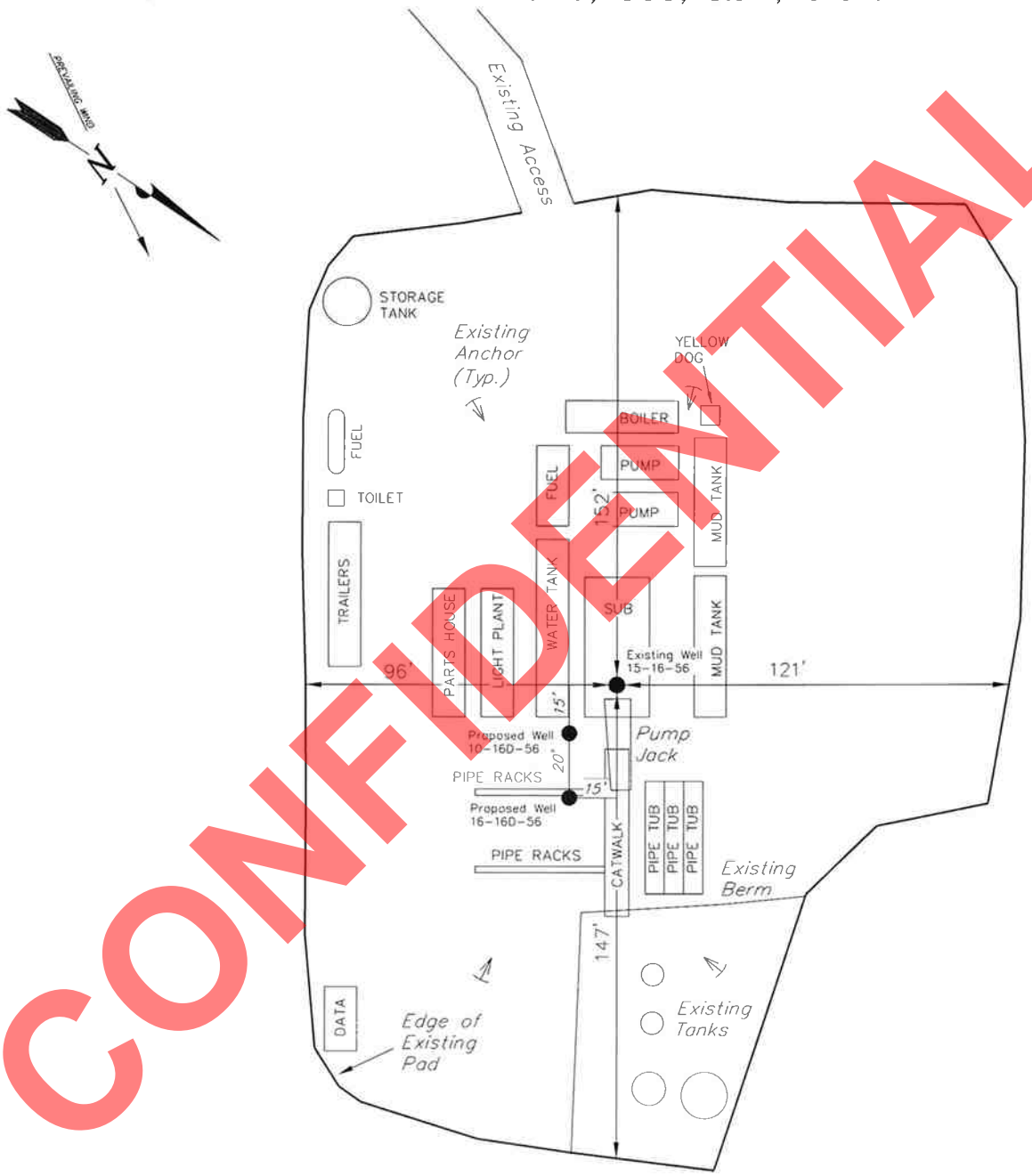
RECEIVED: Jan. 28, 2011

BERRY PETROLEUM COMPANY

TYPICAL RIG LAYOUT

LC Tribal 10-16D-56 (Proposed Well)
LC Fee 16-16D-56 (Proposed Well)
WCF 15-16-56 (Existing Well)

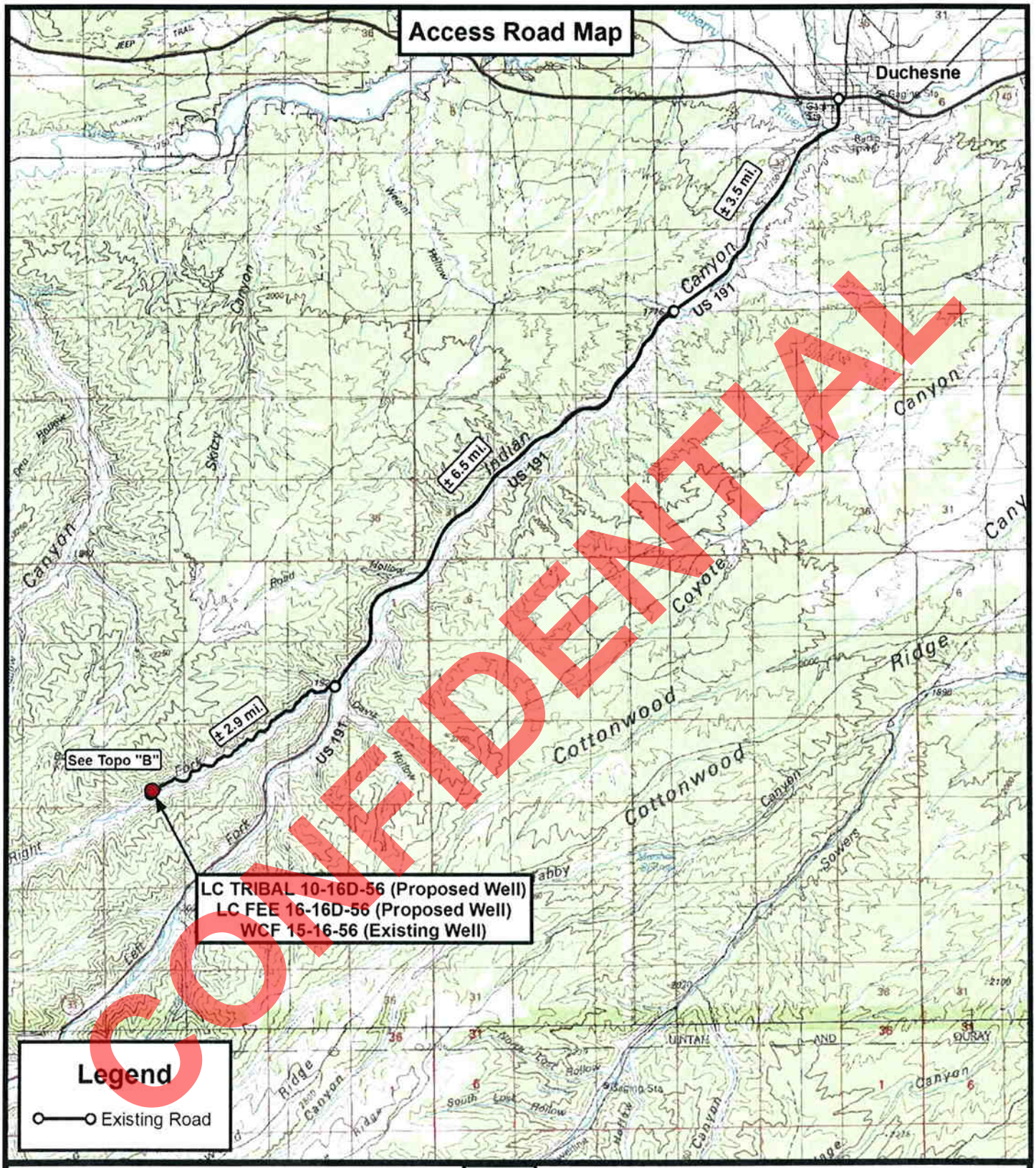
Pad Location: SWSE Section 16, T5S, R6W, U.S.B.&M.



CONFIDENTIAL

SURVEYED BY: S.H.	DATE SURVEYED: 11-22-10	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: L.C.S.	DATE DRAWN: 12-09-10	180 NORTH VERNAL AVE VERNAL, UTAH 84078
SCALE: 1" = 50'	REVISED: 01-21-11 D.COX	

RECEIVED: Jan. 28, 2011



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N

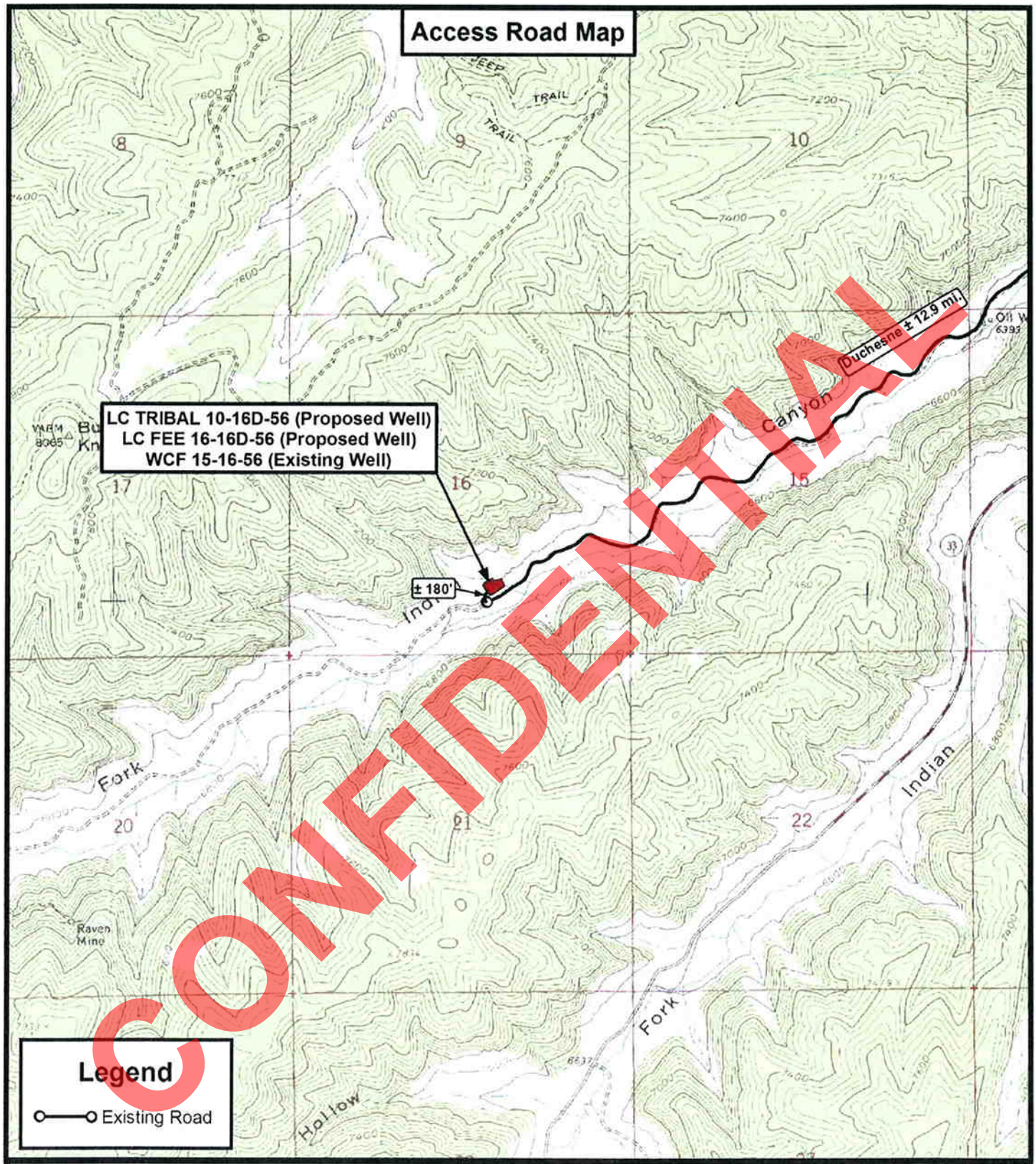
BERRY PETROLEUM COMPANY
LC TRIBAL 10-16D-56 (Proposed Well)
LC FEE 16-16D-56 (Proposed Well)
WCF 15-16-56 (Existing Well)
SEC. 16, T5S, R6W, U.S.B.&M. Duchesne County, UT.

DRAWN BY:	CHM	REVISED:	01-21-2011
DATE:	12-16-2010		
SCALE:	1:100,000		

TOPOGRAPHIC MAP

SHEET A

RECEIVED: Jan. 28, 2011



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DRAWN BY:	CHM	REVISED:	01-21-2011
DATE:	12-16-2010		
SCALE:	1 " = 2,000 '		

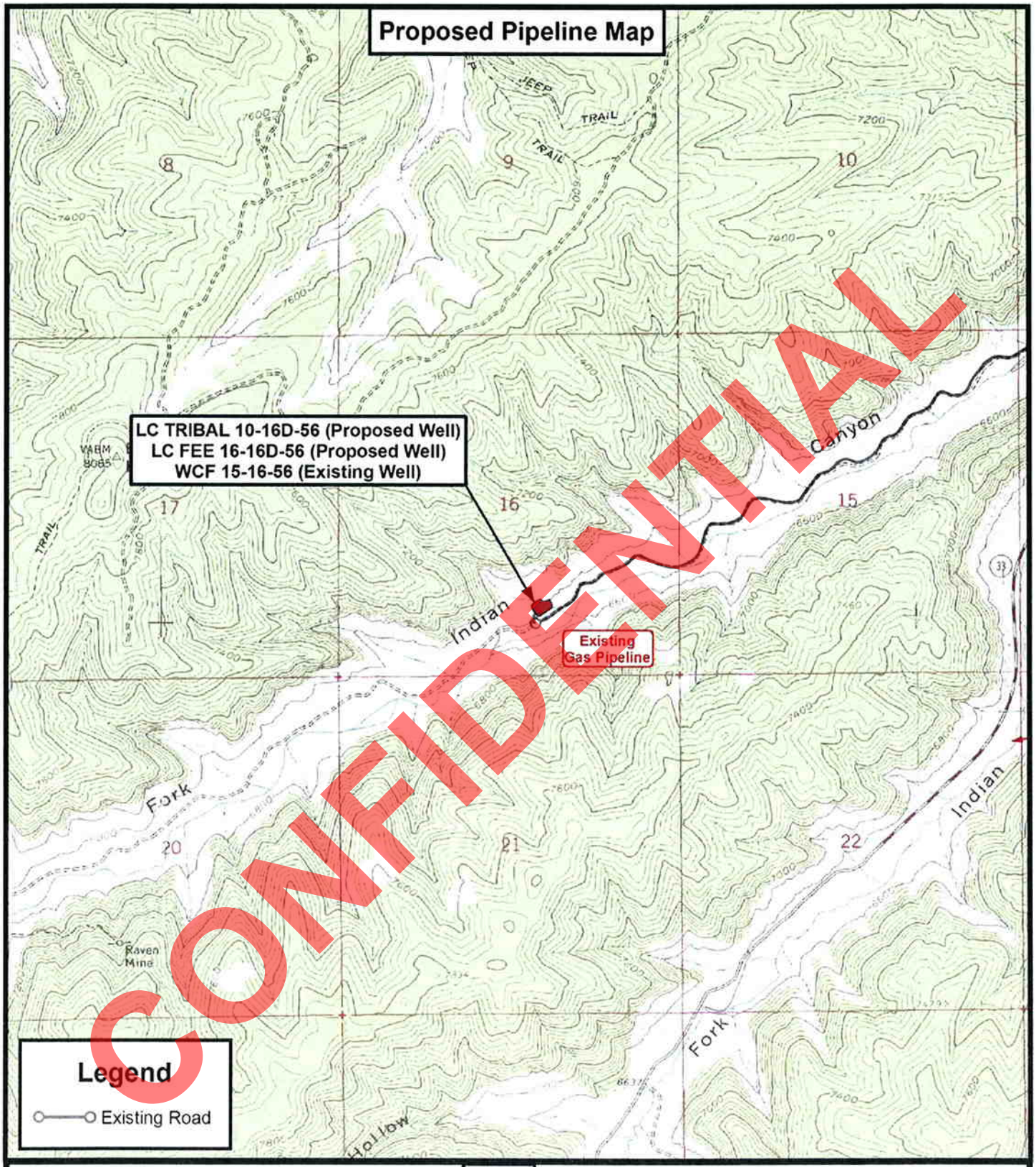
N

BERRY PETROLEUM COMPANY
LC TRIBAL 10-16D-56 (Proposed Well)
LC FEE 16-16D-56 (Proposed Well)
WCF 15-16-56 (Existing Well)
SEC. 16, T5S, R6W, U.S.B.&M. Duchesne County, UT.

TOPOGRAPHIC MAP

SHEET B

RECEIVED: Jan. 28, 2011



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180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

BERRY PETROLEUM COMPANY
LC TRIBAL 10-16D-56 (Proposed Well)
LC FEE 16-16D-56 (Proposed Well)
WCF 15-16-56 (Existing Well)
SEC. 16, T5S, R6W, U.S.B.&M. Duchesne County, UT.

DRAWN BY:	CHM	REVISED:	01-21-2011
DATE:	12-16-2010		
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET C

RECEIVED: Jan. 28, 2011

Location Photos

Center Stake
Looking Northwesterly

Date Photographed:	11/22/2010
Photographed By :	S. Hawk

Access
Looking Northeasterly

Date Photographed:	11/22/2010
Photographed By :	S. Hawk

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DRAWN BY:	CHM.	REVISED:	01-21-2011
DATE:	12-16-2010		

BERRY PETROLEUM COMPANY

LC TRIBAL 10-16D-56 (Proposed Well)
LC FEE 16-16D-56 (Proposed Well)
WCF 15-16-56 (Existing Well)
SEC. 16, T5S, R6W, U.S.B.&M. Duchesne County, UT.

COLOR PHOTOGRAPHS

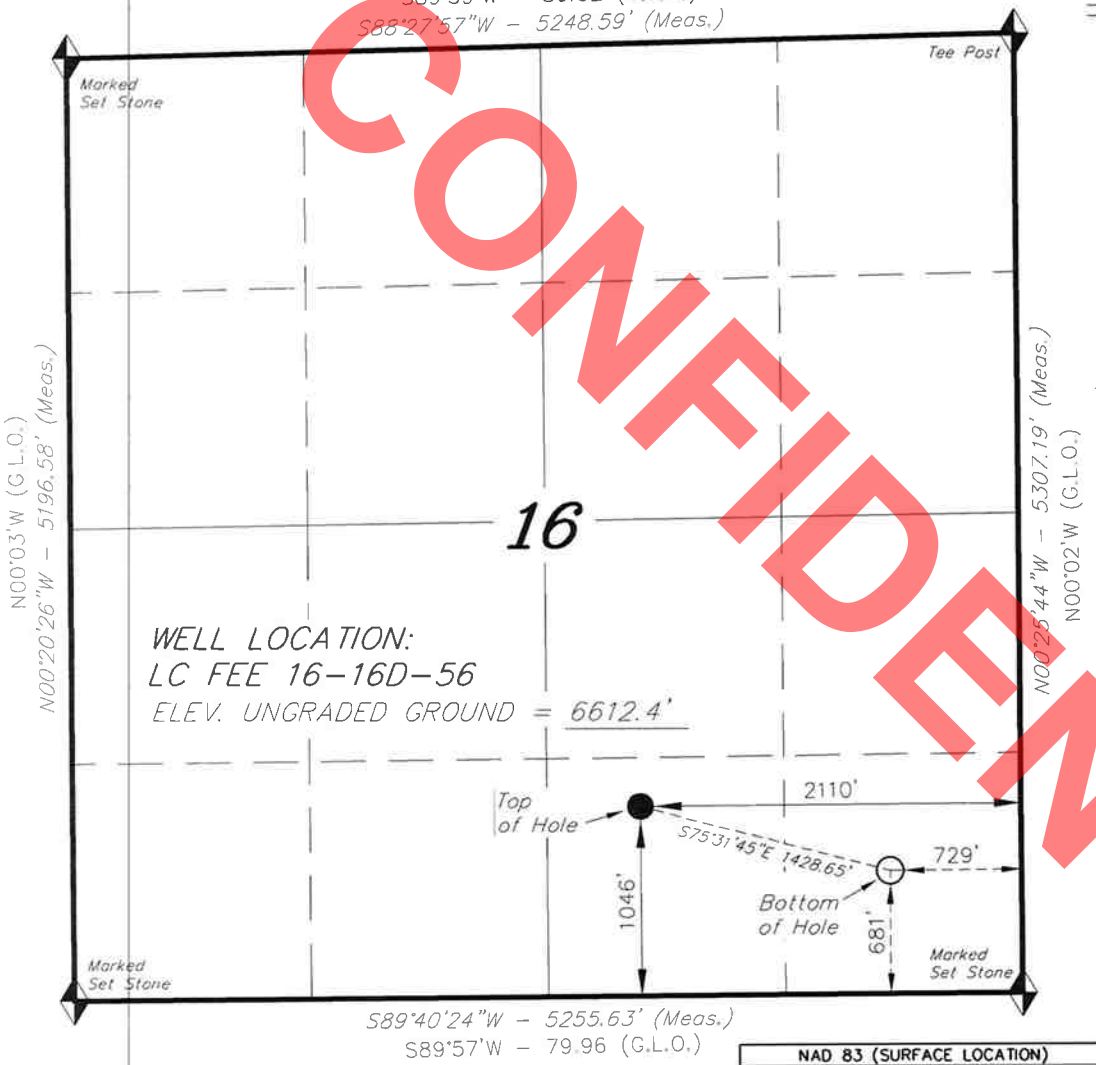
SHEET P

RECEIVED: Jan. 28, 2011

API Well Number: 43013506010000

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

S89°59'W – 80.02 (G.L.O.)
S88°27'57"W – 5248.59' (Meas.)



= SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are base on an 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°02'31.85"	(40.042182)
LONGITUDE =	110°33'46.30"	(110.562860)
NAD 27 (SURFACE LOCATION)		
LATITUDE =	40°02'32.00"	(40.042221)
LONGITUDE =	110°33'43.74"	(110.562150)
NAD 83 (BOTTOM HOLE LOCATION)		
LATITUDE =	40°02'28.18"	(40.041162)
LONGITUDE =	110°33'28.57"	(110.557935)
NAD 27 (BOTTOM HOLE LOCATION)		
LATITUDE =	40°02'28.33"	(40.041202)
LONGITUDE =	110°33'26.01"	(110.557224)

BERRY PETROLEUM COMPANY

WELL LOCATION, LC FEE 16-16D-56, LOCATED AS SHOWN IN THE SW 1/4 SE 1/4 OF SECTION 16, T5S, R6W, U.S.B.&M. DUCHESNE COUNTY, UTAH.

1000' 500' 0' 1000'
BAR SCALE

N

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 PLAT 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.

REGISTERED LAND SURVEYOR No. 189377 STACY W. STEWART STATE OF UTAH

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

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

DATE SURVEYED: 11-22-15	SURVEYED BY: S.H.
DATE DRAWN: 12-09-10	DRAWN BY: L.C.S.
REVISED: 01-21-11 D.COX	SCALE: 1" = 1000'

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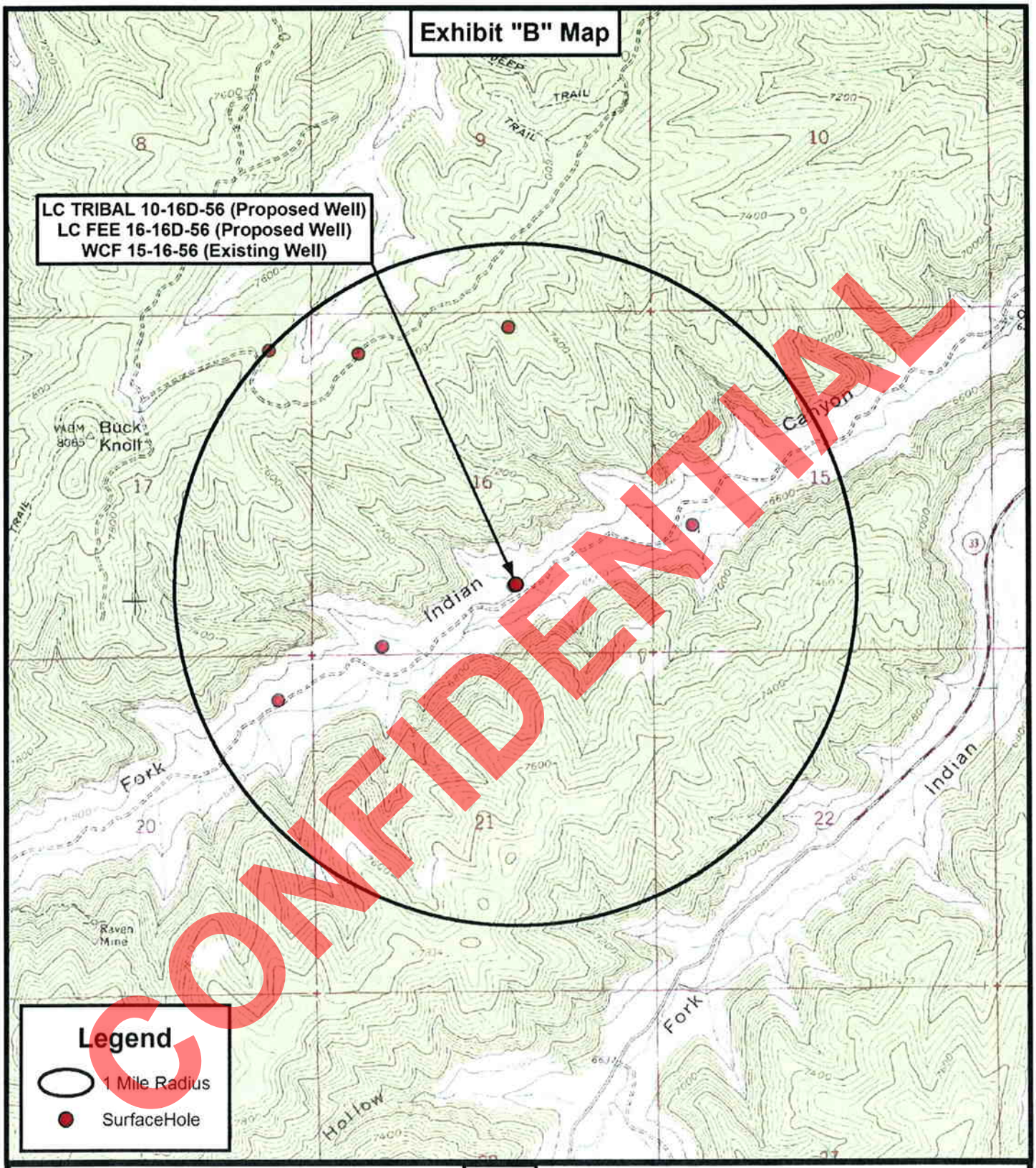
RECEIVED: Jan. 28, 2011



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F: (435) 781-2518

N

BERRY PETROLEUM COMPANY
LC TRIBAL 10-16D-56 (Proposed Well)
LC FEE 16-16D-56 (Proposed Well)
WCF 15-16-56 (Existing Well)
SEC. 16, T5S, R6W, U.S.B.&M. Duchesne County, UT.

DRAWN BY:	CHM	REVISED:	01-21-2011
DATE:	12-16-2010		
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET **D**

RECEIVED: Jan. 28, 2011

Well Planning Proposal

FOR

Berry Petroleum Co.
LC FEE 16-16D-56
Duchesne Co., UT

Well File: Design #2 (1/18/11)

Presented By:

Pat Rasmussen
Regional Manager

Bret Wolford
Well Planner

GREAT WHITE
DIRECTIONAL SERVICES, L.L.C.

CONFIDENTIAL

RECEIVED: Jan. 28, 2011

API Well Number: 43013506010000

Berry Petroleum Company

Project: Duchesne Co., UT (UT27C)
Site: Sec.16-T5S-R6W
Well: LC FEE 16-16D-56
Wellbore: Wellbore #1
Design: Design #2
Latitude: 40° 2' 31.995 N
Longitude: 110° 33' 43.740 W
Ground Level: 6612.00
WELL @ 6626.00usft (Berry Rig 5)

GREAT WHITE DIRECTIONAL SERVICES, L.L.C.

WELL DETAILS: LC FEE 16-16D-56

Ground Level: 6612.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	623800.646	2262566.221	40° 2' 31.995 N	110° 33' 43.740 W	

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
LC FEE 16-16D Tgt	6186.00	-376.04	1456.03	40° 2' 28.279 N	110° 33' 25.018 W	Polygon

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	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
1490.26	26.71	104.48	1458.37	-50.95	197.29	3.00	104.48	203.76
3309.22	26.71	104.48	3083.26	-255.38	988.83	0.00	0.00	1021.28
5089.74	0.00	0.00	4800.00	-357.29	1383.41	1.50	180.00	1428.80
6475.74	0.00	0.00	6186.00	-357.29	1383.41	0.00	0.00	1428.80

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

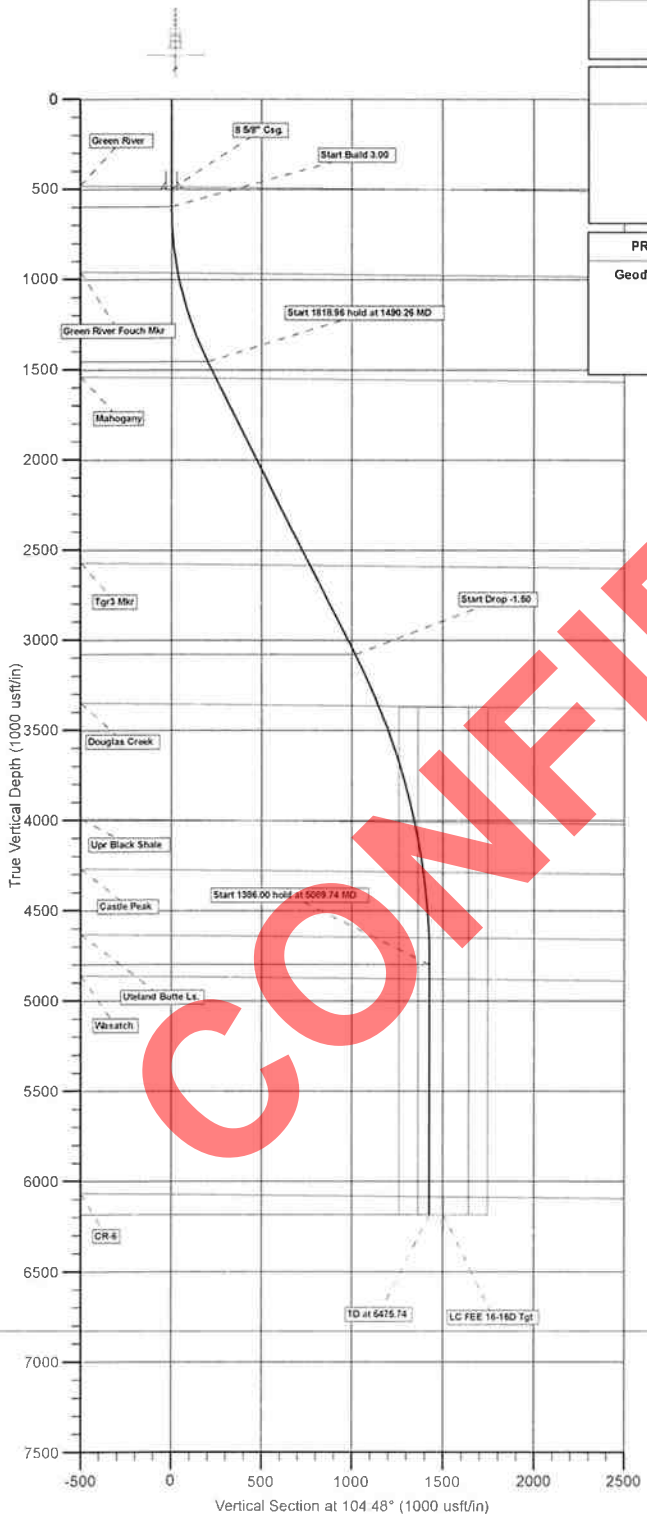
System Datum: Mean Sea Level

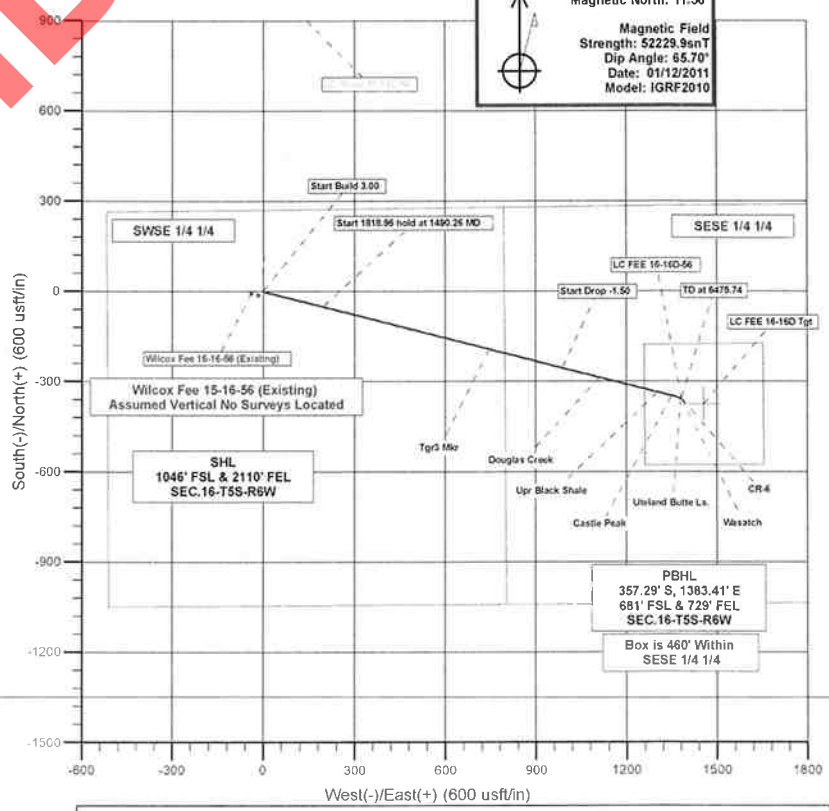
REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well LC FEE 16-16D-56, True North
Vertical (TVD) Reference: WELL @ 6626.00usft (Berry Rig 5)
Section (VS) Reference: Slot - (0.00N, 0.00E)
Measured Depth Reference: WELL @ 6626.00usft (Berry Rig 5)
Calculation Method: Minimum Curvature

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
486.00	486.00	Green River
962.35	964.55	Green River Fouch Mkr
1545.46	1587.76	Mahogany
2584.66	2751.07	Tgr3 Mkr
3365.43	3619.11	Douglas Creek
4009.39	4293.38	Upr Black Shale
4285.87	4574.04	Castle Peak
4649.19	4938.89	Uteland Butte Ls.
4879.21	5168.96	Wasatch
6085.21	6374.96	CR-6





Plan: Design #2 (LC FEE 16-16D-56/Wellbore #1)

Created By: BRET WOLFORD Date: 16:16, January 18 2011

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RECEIVED: Jan. 28, 2011

Berry Petroleum Company

Duchesne Co., UT (UT27C)
Sec.16-T5S-R6W
LC FEE 16-16D-56

Wellbore #1

Plan: Design #2

Standard Planning Report

18 January, 2011

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GREAT WHITE
DIRECTIONAL SERVICES, L.L.C.

RECEIVED: Jan. 28, 2011

Great White Directional Services, LLC

Planning Report

Database:	EDM 5000.1 EDMDBBW	**Local Co-ordinate Reference:**	Well LC FEE 16-16D-56
Company:	Berry Petroleum Company	**TVD Reference:**	WELL @ 6626.00usft (Berry Rig 5)
Project:	Duchesne Co., UT (UT27C)	**MD Reference:**	WELL @ 6626.00usft (Berry Rig 5)
Site:	Sec.16-T5S-R6W	**North Reference:**	True
Well:	LC FEE 16-16D-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.16-T5S-R6W

Site Position:		**Northing:**	622,848.803 usft	**Latitude:**	40° 2' 22.801 N
From:	Lat/Long	**Easting:**	2,260,506.464 usft	**Longitude:**	110° 34' 10.351 W
Position Uncertainty:	0.00 usft	**Slot Radius:**	13-3/16"	**Grid Convergence:**	0.60 °

Well LC FEE 16-16D-56

Well Position	**+N/-S**	930.37 usft	**Northing:**	623,800.646 usft	**Latitude:**	40° 2' 31.995 N
	+E/-W	2,069.55 usft	**Easting:**	2,262,566.221 usft	**Longitude:**	110° 33' 43.740 W
Position Uncertainty		0.00 usft	**Wellhead Elevation:**	usft	**Ground Level:**	6,612.00 usft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	01/12/11	11.57	65.70	52,230

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	104.48

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	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,490.26	26.71	104.48	1,458.37	-50.95	197.29	3.00	3.00	0.00	104.48	
3,309.22	26.71	104.48	3,083.26	-255.38	988.83	0.00	0.00	0.00	0.00	
5,089.74	0.00	0.00	4,800.00	-357.29	1,383.41	1.50	-1.50	0.00	180.00	
6,475.74	0.00	0.00	6,186.00	-357.29	1,383.41	0.00	0.00	0.00	0.00	

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RECEIVED: Jan. 28, 2011

Great White Directional Services, LLC

Planning Report

GREAT WHITE DIRECTIONAL SERVICES, L.L.C.

Database:	EDM 5000.1 EDMDBBW	**Local Co-ordinate Reference:**	Well LC FEE 16-16D-56
Company:	Berry Petroleum Company	**TVD Reference:**	WELL @ 6626.00usft (Berry Rig 5)
Project:	Duchesne Co., UT (UT27C)	**MD Reference:**	WELL @ 6626.00usft (Berry Rig 5)
Site:	Sec.16-T5S-R6W	**North Reference:**	True
Well:	LC FEE 16-16D-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
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
Green River									
486.00	0.00	0.00	486.00	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	104.48	699.95	-0.65	2.53	2.62	3.00	3.00	0.00
800.00	6.00	104.48	799.63	-2.62	10.13	10.46	3.00	3.00	0.00
900.00	9.00	104.48	898.77	-5.88	22.77	23.51	3.00	3.00	0.00
Green River Fouch Mkr									
964.55	10.94	104.48	962.35	-8.67	33.59	34.69	3.00	3.00	0.00
1,000.00	12.00	104.48	997.08	-10.44	40.41	41.74	3.00	3.00	0.00
1,100.00	15.00	104.48	1,094.31	-16.27	63.01	65.08	3.00	3.00	0.00
1,200.00	18.00	104.48	1,190.18	-23.37	90.51	93.48	3.00	3.00	0.00
1,300.00	21.00	104.48	1,284.43	-31.72	122.82	126.85	3.00	3.00	0.00
1,400.00	24.00	104.48	1,376.81	-41.29	159.87	165.12	3.00	3.00	0.00
Start 1818.96 hold at 1490.26 MD									
1,490.26	26.71	104.48	1,458.37	-50.95	197.29	203.76	3.00	3.00	0.00
1,500.00	26.71	104.48	1,467.07	-52.05	201.53	208.14	0.00	0.00	0.00
Mahogany									
1,587.76	26.71	104.48	1,545.46	-61.91	239.72	247.58	0.00	0.00	0.00
1,600.00	26.71	104.48	1,556.40	-63.29	245.04	253.08	0.00	0.00	0.00
1,700.00	26.71	104.48	1,645.73	-74.53	288.56	298.03	0.00	0.00	0.00
1,800.00	26.71	104.48	1,735.06	-85.76	332.08	342.97	0.00	0.00	0.00
1,900.00	26.71	104.48	1,824.39	-97.00	375.59	387.92	0.00	0.00	0.00
2,000.00	26.71	104.48	1,913.72	-108.24	419.11	432.86	0.00	0.00	0.00
2,100.00	26.71	104.48	2,003.06	-119.48	462.62	477.80	0.00	0.00	0.00
2,200.00	26.71	104.48	2,092.39	-130.72	506.14	522.75	0.00	0.00	0.00
2,300.00	26.71	104.48	2,181.72	-141.96	549.66	567.69	0.00	0.00	0.00
2,400.00	26.71	104.48	2,271.05	-153.20	593.17	612.64	0.00	0.00	0.00
2,500.00	26.71	104.48	2,360.38	-164.44	636.69	657.58	0.00	0.00	0.00
2,600.00	26.71	104.48	2,449.71	-175.68	680.21	702.53	0.00	0.00	0.00
2,700.00	26.71	104.48	2,539.04	-186.91	723.72	747.47	0.00	0.00	0.00
Tgr3 Mkr									
2,751.07	26.71	104.48	2,584.66	-192.65	745.95	770.42	0.00	0.00	0.00
2,800.00	26.71	104.48	2,628.37	-198.15	767.24	792.41	0.00	0.00	0.00
2,900.00	26.71	104.48	2,717.70	-209.39	810.75	837.36	0.00	0.00	0.00
3,000.00	26.71	104.48	2,807.03	-220.63	854.27	882.30	0.00	0.00	0.00
3,100.00	26.71	104.48	2,896.36	-231.87	897.79	927.25	0.00	0.00	0.00
3,200.00	26.71	104.48	2,985.70	-243.11	941.30	972.19	0.00	0.00	0.00
Start Drop -1.50									
3,309.22	26.71	104.48	3,083.26	-255.38	988.83	1,021.28	0.00	0.00	0.00
3,400.00	25.35	104.48	3,164.83	-265.34	1,027.40	1,061.11	1.50	-1.50	0.00
3,500.00	23.85	104.48	3,255.76	-275.75	1,067.70	1,102.73	1.50	-1.50	0.00
3,600.00	22.35	104.48	3,347.74	-285.56	1,105.68	1,141.96	1.50	-1.50	0.00
Douglas Creek									
3,619.11	22.06	104.48	3,365.43	-287.37	1,112.67	1,149.18	1.50	-1.50	0.00
3,700.00	20.85	104.48	3,440.72	-294.76	1,141.31	1,178.76	1.50	-1.50	0.00

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Great White Directional Services, LLC

Planning Report

Database:	EDM 5000.1 EDMDBBW	**Local Co-ordinate Reference:**	Well LC FEE 16-16D-56
Company:	Berry Petroleum Company	**TVD Reference:**	WELL @ 6626.00usft (Berry Rig 5)
Project:	Duchesne Co., UT (UT27C)	**MD Reference:**	WELL @ 6626.00usft (Berry Rig 5)
Site:	Sec.16-T5S-R6W	**North Reference:**	True
Well:	LC FEE 16-16D-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	19.35	104.48	3,534.63	-303.36	1,174.58	1,213.12	1.50	-1.50	0.00
3,900.00	17.85	104.48	3,629.40	-311.33	1,205.46	1,245.01	1.50	-1.50	0.00
4,000.00	16.35	104.48	3,724.98	-318.68	1,233.92	1,274.41	1.50	-1.50	0.00
4,100.00	14.85	104.48	3,821.30	-325.40	1,259.95	1,301.29	1.50	-1.50	0.00
4,200.00	13.35	104.48	3,918.28	-331.49	1,283.53	1,325.65	1.50	-1.50	0.00
Upr Black Shale									
4,293.38	11.95	104.48	4,009.39	-336.61	1,303.32	1,346.09	1.50	-1.50	0.00
4,300.00	11.85	104.48	4,015.87	-336.95	1,304.64	1,347.45	1.50	-1.50	0.00
4,400.00	10.35	104.48	4,114.00	-341.76	1,323.28	1,366.70	1.50	-1.50	0.00
4,500.00	8.85	104.48	4,212.60	-345.93	1,339.42	1,383.37	1.50	-1.50	0.00
Castle Peak									
4,574.04	7.74	104.48	4,285.87	-348.60	1,349.76	1,394.04	1.50	-1.50	0.00
4,600.00	7.35	104.48	4,311.60	-349.45	1,353.05	1,397.45	1.50	-1.50	0.00
4,700.00	5.85	104.48	4,410.94	-352.32	1,364.18	1,408.94	1.50	-1.50	0.00
4,800.00	4.35	104.48	4,510.54	-354.54	1,372.78	1,417.82	1.50	-1.50	0.00
4,900.00	2.85	104.48	4,610.34	-356.11	1,378.85	1,424.09	1.50	-1.50	0.00
Uteland Butte Ls.									
4,938.89	2.26	104.48	4,649.19	-356.55	1,380.53	1,425.82	1.50	-1.50	0.00
5,000.00	1.35	104.48	4,710.27	-357.03	1,382.39	1,427.75	1.50	-1.50	0.00
Start 1386.00 hold at 5089.74 MD									
5,089.74	0.00	0.00	4,800.00	-357.29	1,383.41	1,428.80	1.50	-1.50	0.00
5,100.00	0.00	0.00	4,810.26	-357.29	1,383.41	1,428.80	0.00	0.00	0.00
Wasatch									
5,168.96	0.00	0.00	4,879.21	-357.29	1,383.41	1,428.80	0.00	0.00	0.00
5,200.00	0.00	0.00	4,910.26	-357.29	1,383.41	1,428.80	0.00	0.00	0.00
5,300.00	0.00	0.00	5,010.26	-357.29	1,383.41	1,428.80	0.00	0.00	0.00
5,400.00	0.00	0.00	5,110.26	-357.29	1,383.41	1,428.80	0.00	0.00	0.00
5,500.00	0.00	0.00	5,210.26	-357.29	1,383.41	1,428.80	0.00	0.00	0.00
5,600.00	0.00	0.00	5,310.26	-357.29	1,383.41	1,428.80	0.00	0.00	0.00
5,700.00	0.00	0.00	5,410.26	-357.29	1,383.41	1,428.80	0.00	0.00	0.00
5,800.00	0.00	0.00	5,510.26	-357.29	1,383.41	1,428.80	0.00	0.00	0.00
5,900.00	0.00	0.00	5,610.26	-357.29	1,383.41	1,428.80	0.00	0.00	0.00
6,000.00	0.00	0.00	5,710.26	-357.29	1,383.41	1,428.80	0.00	0.00	0.00
6,100.00	0.00	0.00	5,810.26	-357.29	1,383.41	1,428.80	0.00	0.00	0.00
6,200.00	0.00	0.00	5,910.26	-357.29	1,383.41	1,428.80	0.00	0.00	0.00
6,300.00	0.00	0.00	6,010.26	-357.29	1,383.41	1,428.80	0.00	0.00	0.00
CR-6									
6,374.96	0.00	0.00	6,085.21	-357.29	1,383.41	1,428.80	0.00	0.00	0.00
6,400.00	0.00	0.00	6,110.26	-357.29	1,383.41	1,428.80	0.00	0.00	0.00
TD at 6475.74 - LC FEE 16-16D Tgt									
6,475.74	0.00	0.00	6,186.00	-357.29	1,383.41	1,428.80	0.00	0.00	0.00

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Great White Directional Services, LLC

Planning Report

GREAT WHITE DIRECTIONAL SERVICES, L.L.C.

Database:	EDM 5000.1 EDMDBBW	**Local Co-ordinate Reference:**	Well LC FEE 16-16D-56
Company:	Berry Petroleum Company	**TVD Reference:**	WELL @ 6626.00usft (Berry Rig 5)
Project:	Duchesne Co., UT (UT27C)	**MD Reference:**	WELL @ 6626.00usft (Berry Rig 5)
Site:	Sec.16-T5S-R6W	**North Reference:**	True
Well:	LC FEE 16-16D-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
LC FEE 16-16D Tgt	0.00	0.00	6,186.00	-376.04	1,456.03	623,439.894	2,264,026.114	40° 2' 28.279 N	110° 33' 25.018 W
- plan misses target center by 75.00usft at 6475.74usft MD (6186.00 TVD, -357.29 N, 1383.41 E)									
- Polygon									
Point 1			6,186.00	199.51	-198.25	623,637.31	2,263,825.78		
Point 2			6,186.00	203.82	195.31	623,645.75	2,264,219.28		
Point 3			6,186.00	-200.54	198.33	623,241.44	2,264,226.54		
Point 4			6,186.00	-202.79	-195.39	623,235.07	2,263,832.86		
Point 5			6,186.00	199.51	-198.25	623,637.31	2,263,825.78		

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 (°)
486.00	486.00	Green River		0.57	104.48
964.55	962.00	Green River Fouch Mkr		0.57	104.48
1,587.76	1,543.00	Mahogany		0.57	104.48
2,751.07	2,577.00	Tgr3 Mkr		0.57	104.48
3,619.11	3,354.00	Douglas Creek		0.57	104.48
4,293.38	3,996.00	Upr Black Shale		0.57	104.48
4,574.04	4,272.00	Castle Peak		0.57	104.48
4,938.89	4,635.00	Uteland Butte Ls.		0.57	104.48
5,168.96	4,865.00	Wasatch		0.57	104.48
6,374.96	6,071.00	CR-6		0.57	104.48

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
600.00	600.00	0.00	0.00	Start Build 3.00
1,490.26	1,458.37	-50.95	197.29	Start 1818.96 hold at 1490.26 MD
3,309.22	3,083.26	-255.38	988.83	Start Drop -1.50
5,089.74	4,800.00	-357.29	1,383.41	Start 1386.00 hold at 5089.74 MD
6,475.74	6,186.00	-357.29	1,383.41	TD at 6475.74

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Berry Petroleum Company

Duchesne Co., UT (UT27C)
Sec.16-T5S-R6W
LC FEE 16-16D-56

Wellbore #1
Design #2

Anticollision Report

18 January, 2011

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GREAT WHITE
DIRECTIONAL SERVICES, L.L.C.

RECEIVED: Jan. 28, 2011

Great White Directional Services, LLC

Anticollision Report

GREAT WHITE DIRECTIONAL SERVICES, L.L.C.

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well LC FEE 16-16D-56
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 6626.00usft (Berry Rig 5)
Reference Site:	Sec.16-T5S-R6W	**MD Reference:**	WELL @ 6626.00usft (Berry Rig 5)
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	LC FEE 16-16D-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	**Error Model:**	ISCWSA
Depth Range:	Unlimited	**Scan Method:**	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 9,999.98 usft	**Error Surface:**	Elliptical Conic
Warning Levels Evaluated at:	2.00 **Sigma**	**Casing Method:**	Not applied

Survey Tool Program **Date** 01/18/11

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.00	6,475.74	Design #2 (Wellbore #1)	MWD	MWD - Standard

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Sec.16-T5S-R6W						
LC Tribal 10-16D-56 - Wellbore #1 - Design #1	602.43	603.44	20.01	17.56	8.155	CC, ES
LC Tribal 10-16D-56 - Wellbore #1 - Design #1	700.00	701.40	20.75	17.87	7.210	SF
Wilcox Fee 15-16-56 (Existing) - Wellbore #1 - Wellbore	600.00	601.00	38.92	37.03	20.545	CC, ES
Wilcox Fee 15-16-56 (Existing) - Wellbore #1 - Wellbore	700.00	700.95	41.33	39.12	18.658	SF

Offset Design Sec.16-T5S-R6W - LC Tribal 10-16D-56 - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-MWD **Offset Well Error:** 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	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	1.00	1.00	0.00	0.00	-124.37	-11.30	-16.52	20.01				
100.00	100.00	101.00	101.00	0.10	0.10	-124.37	-11.30	-16.52	20.01	19.82	0.20	102.336	
200.00	200.00	201.00	201.00	0.32	0.32	-124.37	-11.30	-16.52	20.01	19.37	0.65	31.022	
300.00	300.00	301.00	301.00	0.55	0.55	-124.37	-11.30	-16.52	20.01	18.92	1.09	18.282	
400.00	400.00	401.00	401.00	0.77	0.77	-124.37	-11.30	-16.52	20.01	18.47	1.54	12.960	
500.00	500.00	501.00	501.00	1.00	1.00	-124.37	-11.30	-16.52	20.01	18.02	1.99	10.037	
600.00	600.00	601.00	601.00	1.22	1.22	-124.37	-11.30	-16.52	20.01	17.57	2.44	8.191	
602.43	602.43	603.44	603.44	1.23	1.23	131.16	-11.29	-16.52	20.01	17.56	2.45	8.155	CC, ES
700.00	699.95	701.40	701.38	1.43	1.45	140.19	-9.53	-16.21	20.75	17.87	2.88	7.210	SF
800.00	799.63	801.22	801.06	1.64	1.68	161.59	-4.33	-15.32	25.51	22.21	3.30	7.721	
900.00	898.77	899.93	899.38	1.89	1.91	-179.14	4.16	-13.86	37.98	34.23	3.75	10.136	
1,000.00	997.08	996.98	995.72	2.20	2.15	-167.49	15.77	-11.87	58.52	54.31	4.22	13.881	
1,100.00	1,094.31	1,091.80	1,089.49	2.58	2.42	-160.83	30.22	-9.38	86.23	81.51	4.72	18.271	
1,200.00	1,190.18	1,184.23	1,180.19	3.06	2.72	-156.76	47.21	-6.46	120.44	115.17	5.27	22.864	
1,300.00	1,284.43	1,273.57	1,267.38	3.65	3.05	-154.03	66.39	-3.16	160.70	154.83	5.87	27.384	
1,400.00	1,376.81	1,359.58	1,350.71	4.36	3.41	-152.01	87.37	0.44	206.65	200.12	6.53	31.657	
1,490.26	1,458.37	1,434.12	1,422.38	5.10	3.75	-150.54	107.54	3.91	252.75	245.57	7.18	35.215	
1,500.00	1,467.07	1,441.98	1,429.91	5.19	3.79	-150.48	109.77	4.30	257.96	250.70	7.25	35.556	
1,600.00	1,556.40	1,523.37	1,507.50	6.09	4.20	-149.77	133.97	8.46	312.05	303.97	8.08	38.617	
1,700.00	1,645.73	1,607.23	1,587.30	7.01	4.64	-149.18	159.40	12.83	366.44	357.49	8.96	40.910	
1,800.00	1,735.06	1,691.09	1,667.09	7.95	5.10	-148.73	184.82	17.20	420.86	411.01	9.85	42.716	
1,900.00	1,824.39	1,774.95	1,746.88	8.89	5.57	-148.39	210.25	21.57	475.29	464.52	10.77	44.146	
2,000.00	1,913.72	1,858.81	1,826.67	9.84	6.04	-148.12	235.68	25.94	529.73	518.03	11.69	45.296	

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

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Great White Directional Services, LLC

Anticollision Report

GREAT WHITE DIRECTIONAL SERVICES, L.L.C.

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well LC FEE 16-16D-56
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 6626.00usft (Berry Rig 5)
Reference Site:	Sec.16-T5S-R6W	**MD Reference:**	WELL @ 6626.00usft (Berry Rig 5)
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	LC FEE 16-16D-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 Sec.16-T5S-R6W - LC Tribal 10-16D-56 - Wellbore #1 - Design #1

Survey Program: 0-MWD

Offset Site Error: 0.00 usft

Offset Well Error: 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	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
2,100.00	2,003.06	1,942.66	1,906.47	10.80	6.52	-147.90	261.10	30.31	584.18	571.54	12.63	46.235	
2,200.00	2,092.39	2,026.52	1,986.26	11.76	7.00	-147.72	286.53	34.68	638.63	625.04	13.58	47.013	
2,300.00	2,181.72	2,110.38	2,066.05	12.73	7.49	-147.56	311.95	39.05	693.08	678.54	14.54	47.665	
2,400.00	2,271.05	2,194.24	2,145.84	13.70	7.98	-147.43	337.38	43.43	747.54	732.04	15.50	48.217	
2,500.00	2,360.38	2,278.10	2,225.63	14.67	8.47	-147.32	362.80	47.80	802.00	785.53	16.47	48.689	
2,600.00	2,449.71	2,361.96	2,305.43	15.64	8.97	-147.22	388.23	52.17	856.46	839.02	17.44	49.097	
2,700.00	2,539.04	2,445.82	2,385.22	16.61	9.46	-147.13	413.66	56.54	910.93	892.51	18.42	49.452	
2,800.00	2,628.37	2,529.68	2,465.01	17.58	9.96	-147.05	439.08	60.91	965.39	945.99	19.40	49.764	
2,900.00	2,717.70	2,613.54	2,544.80	18.56	10.46	-146.98	464.51	65.28	1,019.86	999.48	20.38	50.040	
3,000.00	2,807.03	2,697.40	2,624.60	19.53	10.95	-146.92	489.93	69.65	1,074.33	1,052.96	21.37	50.284	
3,100.00	2,896.36	2,781.26	2,704.39	20.51	11.45	-146.86	515.36	74.02	1,128.79	1,106.44	22.35	50.502	
3,200.00	2,985.70	2,865.12	2,784.18	21.48	11.96	-146.81	540.78	78.39	1,183.26	1,159.92	23.34	50.698	
3,309.22	3,083.26	2,956.71	2,871.33	22.55	12.50	-146.76	568.55	83.17	1,242.75	1,218.33	24.42	50.890	
3,400.00	3,164.84	3,033.31	2,944.22	23.34	12.96	-147.16	591.78	87.16	1,291.44	1,266.12	25.32	50.996	
3,500.00	3,255.76	3,118.77	3,025.53	24.09	13.47	-147.51	617.69	91.62	1,343.30	1,317.01	26.28	51.114	
3,600.00	3,347.74	3,205.30	3,107.86	24.80	13.99	-147.78	643.93	96.13	1,393.26	1,366.02	27.23	51.164	
3,700.00	3,440.72	3,302.21	3,200.19	25.46	14.53	-147.96	672.95	101.12	1,441.12	1,412.93	28.18	51.132	
3,800.00	3,534.63	3,406.40	3,299.96	26.08	15.00	-148.10	702.52	106.20	1,486.19	1,457.12	29.07	51.120	
3,900.00	3,629.40	3,512.88	3,402.48	26.66	15.47	-148.22	730.89	111.08	1,528.35	1,498.41	29.93	51.059	
4,000.00	3,724.98	3,621.55	3,507.64	27.19	15.93	-148.32	757.90	115.72	1,567.51	1,536.74	30.76	50.958	
4,100.00	3,821.30	3,732.29	3,615.31	27.68	16.38	-148.40	783.40	120.10	1,603.60	1,572.05	31.55	50.824	
4,200.00	3,918.28	3,844.96	3,725.36	28.12	16.81	-148.47	807.23	124.20	1,636.57	1,604.26	32.30	50.663	
4,300.00	4,015.87	3,959.43	3,837.62	28.52	17.22	-148.52	829.26	127.99	1,666.34	1,633.33	33.01	50.480	
4,400.00	4,114.00	4,075.54	3,951.93	28.87	17.61	-148.56	849.33	131.44	1,692.86	1,659.19	33.67	50.278	
4,500.00	4,212.60	4,193.13	4,068.08	29.19	17.97	-148.59	867.33	134.53	1,716.08	1,681.80	34.28	50.061	
4,600.00	4,311.60	4,312.02	4,185.88	29.46	18.31	-148.60	883.14	137.25	1,735.95	1,701.11	34.84	49.832	
4,700.00	4,410.94	4,432.02	4,305.09	29.69	18.62	-148.60	896.65	139.57	1,752.43	1,717.09	35.34	49.594	
4,800.00	4,510.54	4,552.94	4,425.49	29.88	18.89	-148.58	907.78	141.49	1,765.48	1,729.70	35.78	49.343	
4,900.00	4,610.34	4,674.59	4,546.81	30.03	19.14	-148.56	916.44	142.98	1,775.08	1,738.92	36.17	49.081	
5,000.00	4,710.27	4,796.75	4,668.81	30.15	19.35	-148.52	922.58	144.03	1,781.21	1,744.72	36.50	48.806	
5,089.74	4,800.00	4,906.65	4,778.66	30.22	19.51	-43.99	925.91	144.60	1,783.74	1,747.00	36.74	48.552	
5,100.00	4,810.26	4,919.22	4,791.23	30.23	19.53	-43.99	926.16	144.65	1,783.86	1,747.10	36.77	48.518	
5,200.00	4,910.26	5,039.26	4,911.26	30.30	19.67	-43.96	927.17	144.82	1,784.36	1,747.33	37.03	48.184	
5,300.00	5,010.26	5,139.26	5,011.26	30.38	19.78	-43.96	927.17	144.82	1,784.36	1,747.10	37.26	47.884	
5,400.00	5,110.26	5,239.26	5,111.26	30.45	19.89	-43.96	927.17	144.82	1,784.36	1,746.86	37.50	47.580	
5,500.00	5,210.26	5,339.26	5,211.26	30.53	20.01	-43.96	927.17	144.82	1,784.36	1,746.62	37.74	47.275	
5,600.00	5,310.26	5,439.26	5,311.26	30.61	20.12	-43.96	927.17	144.82	1,784.36	1,746.37	37.99	46.970	
5,700.00	5,410.26	5,539.26	5,411.26	30.69	20.24	-43.96	927.17	144.82	1,784.36	1,746.12	38.24	46.664	
5,800.00	5,510.26	5,639.26	5,511.26	30.77	20.36	-43.96	927.17	144.82	1,784.36	1,745.87	38.49	46.358	
5,900.00	5,610.26	5,739.26	5,611.26	30.86	20.48	-43.96	927.17	144.82	1,784.36	1,745.61	38.75	46.051	
6,000.00	5,710.26	5,839.26	5,711.26	30.94	20.61	-43.96	927.17	144.82	1,784.36	1,745.36	39.01	45.745	
6,100.00	5,810.26	5,939.26	5,811.26	31.03	20.73	-43.96	927.17	144.82	1,784.36	1,745.09	39.27	45.438	
6,200.00	5,910.26	6,039.26	5,911.26	31.11	20.86	-43.96	927.17	144.82	1,784.36	1,744.83	39.54	45.132	
6,300.00	6,010.26	6,139.26	6,011.26	31.20	20.99	-43.96	927.17	144.82	1,784.36	1,744.56	39.81	44.826	
6,400.00	6,110.26	6,239.26	6,111.26	31.29	21.12	-43.96	927.17	144.82	1,784.36	1,744.28	40.08	44.521	
6,475.74	6,186.00	6,315.00	6,187.00	31.36	21.22	-43.96	927.17	144.82	1,784.36	1,744.07	40.29	44.290	

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

RECEIVED: Jan. 28, 2011

Great White Directional Services, LLC

Anticollision Report

GREAT WHITE DIRECTIONAL SERVICES, L.L.C.

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well LC FEE 16-16D-56
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 6626.00usft (Berry Rig 5)
Reference Site:	Sec.16-T5S-R6W	**MD Reference:**	WELL @ 6626.00usft (Berry Rig 5)
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	LC FEE 16-16D-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 Sec.16-T5S-R6W - Wilcox Fee 15-16-56 (Existing) - Wellbore #1 - Wellbore #1

Survey Program: 7100-MWD

Offset Site Error: 0.00 usft

Offset Well Error: 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	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	1.00	1.00	0.00	0.00	-99.33	-6.31	-38.41	38.92				
100.00	100.00	101.00	101.00	0.10	0.11	-99.33	-6.31	-38.41	38.92	38.71	0.21	185.408	
200.00	200.00	201.00	201.00	0.32	0.23	-99.33	-6.31	-38.41	38.92	38.38	0.55	71.176	
300.00	300.00	301.00	301.00	0.55	0.34	-99.33	-6.31	-38.41	38.92	38.04	0.88	44.041	
400.00	400.00	401.00	401.00	0.77	0.45	-99.33	-6.31	-38.41	38.92	37.70	1.22	31.886	
500.00	500.00	501.00	501.00	1.00	0.56	-99.33	-6.31	-38.41	38.92	37.37	1.56	24.989	
600.00	600.00	601.00	601.00	1.22	0.67	-99.33	-6.31	-38.41	38.92	37.03	1.89	20.545	CC, ES
700.00	699.95	700.95	700.95	1.43	0.79	157.62	-6.31	-38.41	41.33	39.12	2.22	18.658	SF
800.00	799.63	800.63	800.63	1.64	0.90	161.07	-6.31	-38.41	48.68	46.15	2.53	19.276	
900.00	898.77	899.77	899.77	1.89	1.01	164.94	-6.31	-38.41	61.18	58.33	2.84	21.531	
1,000.00	997.08	998.08	998.08	2.20	1.12	168.26	-6.31	-38.41	78.92	75.76	3.16	24.952	
1,100.00	1,094.31	1,095.31	1,095.31	2.58	1.23	170.82	-6.31	-38.41	101.91	98.41	3.49	29.186	
1,200.00	1,190.18	1,191.18	1,191.18	3.06	1.34	172.70	-6.31	-38.41	130.04	126.21	3.83	33.962	
1,300.00	1,284.43	1,285.43	1,285.43	3.65	1.44	174.08	-6.31	-38.41	163.22	159.04	4.18	39.072	
1,400.00	1,376.81	1,377.81	1,377.81	4.36	1.55	175.10	-6.31	-38.41	201.34	196.80	4.54	44.358	
1,490.26	1,458.37	1,459.37	1,459.37	5.10	1.64	175.80	-6.31	-38.41	239.89	235.01	4.88	49.180	
1,500.00	1,467.07	1,468.07	1,468.07	5.19	1.65	175.87	-6.31	-38.41	244.26	239.34	4.92	49.652	
1,600.00	1,556.40	1,557.40	1,557.40	6.09	1.75	176.51	-6.31	-38.41	289.12	283.77	5.35	54.010	
1,700.00	1,645.73	1,646.73	1,646.73	7.01	1.85	176.98	-6.31	-38.41	334.01	328.21	5.80	57.616	
1,800.00	1,735.06	1,736.06	1,736.06	7.95	1.95	177.34	-6.31	-38.41	378.91	372.66	6.25	60.636	
1,900.00	1,824.39	1,825.39	1,825.39	8.89	2.05	177.62	-6.31	-38.41	423.82	417.11	6.71	63.193	
2,000.00	1,913.72	1,914.72	1,914.72	9.84	2.15	177.85	-6.31	-38.41	468.73	461.56	7.17	65.380	
2,100.00	2,003.06	2,004.06	2,004.06	10.80	2.25	178.04	-6.31	-38.41	513.65	506.02	7.64	67.269	
2,200.00	2,092.39	2,093.39	2,093.39	11.76	2.35	178.20	-6.31	-38.41	558.58	550.47	8.11	68.915	
2,300.00	2,181.72	2,182.72	2,182.72	12.73	2.45	178.33	-6.31	-38.41	603.51	594.93	8.58	70.360	
2,400.00	2,271.05	2,272.05	2,272.05	13.70	2.55	178.45	-6.31	-38.41	648.44	639.39	9.05	71.638	
2,500.00	2,360.38	2,361.38	2,361.38	14.67	2.65	178.55	-6.31	-38.41	693.37	683.84	9.53	72.775	
2,600.00	2,449.71	2,450.71	2,450.71	15.64	2.75	178.63	-6.31	-38.41	738.30	728.30	10.00	73.793	
2,700.00	2,539.04	2,540.04	2,540.04	16.61	2.85	178.71	-6.31	-38.41	783.24	772.75	10.48	74.710	
2,800.00	2,628.37	2,629.37	2,629.37	17.58	2.95	178.78	-6.31	-38.41	828.17	817.21	10.96	75.539	
2,900.00	2,717.70	2,718.70	2,718.70	18.56	3.05	178.85	-6.31	-38.41	873.11	861.66	11.44	76.292	
3,000.00	2,807.03	2,808.03	2,808.03	19.53	3.15	178.90	-6.31	-38.41	918.05	906.12	11.93	76.979	
3,100.00	2,896.36	2,897.36	2,897.36	20.51	3.25	178.95	-6.31	-38.41	962.98	950.58	12.41	77.609	
3,200.00	2,985.70	2,986.70	2,986.70	21.48	3.35	179.00	-6.31	-38.41	1,007.92	995.03	12.89	78.187	
3,309.22	3,083.26	3,084.26	3,084.26	22.55	3.46	179.05	-6.31	-38.41	1,057.00	1,043.58	13.42	78.768	
3,400.00	3,164.84	3,165.84	3,165.84	23.34	3.55	179.09	-6.31	-38.41	1,096.83	1,082.98	13.86	79.156	
3,500.00	3,255.76	3,256.76	3,256.76	24.09	3.65	179.14	-6.31	-38.41	1,138.45	1,124.14	14.31	79.558	
3,600.00	3,347.74	3,348.74	3,348.74	24.80	3.76	179.17	-6.31	-38.41	1,177.67	1,162.93	14.75	79.862	
3,700.00	3,440.72	3,441.72	3,441.72	25.46	3.86	179.21	-6.31	-38.41	1,214.47	1,199.31	15.17	80.078	
3,800.00	3,534.63	3,535.63	3,535.63	26.08	3.97	179.24	-6.31	-38.41	1,248.83	1,233.26	15.57	80.217	
3,900.00	3,629.40	3,630.40	3,630.40	26.66	4.07	179.26	-6.31	-38.41	1,280.72	1,264.76	15.95	80.287	
4,000.00	3,724.98	3,725.98	3,725.98	27.19	4.18	179.28	-6.31	-38.41	1,310.11	1,293.79	16.32	80.295	
4,100.00	3,821.30	3,822.30	3,822.30	27.68	4.29	179.30	-6.31	-38.41	1,336.99	1,320.33	16.66	80.244	
4,200.00	3,918.28	3,919.28	3,919.28	28.12	4.40	179.32	-6.31	-38.41	1,361.35	1,344.36	16.99	80.140	
4,300.00	4,015.87	4,016.87	4,016.87	28.52	4.51	179.33	-6.31	-38.41	1,383.15	1,365.86	17.29	79.985	
4,400.00	4,114.00	4,115.00	4,115.00	28.87	4.62	179.35	-6.31	-38.41	1,402.40	1,384.82	17.58	79.781	
4,500.00	4,212.60	4,213.60	4,213.60	29.19	4.73	179.36	-6.31	-38.41	1,419.06	1,401.22	17.84	79.531	
4,600.00	4,311.60	4,312.60	4,312.60	29.46	4.84	179.37	-6.31	-38.41	1,433.15	1,415.06	18.09	79.235	
4,700.00	4,410.94	4,411.94	4,411.94	29.69	4.95	179.37	-6.31	-38.41	1,444.63	1,426.32	18.31	78.893	
4,800.00	4,510.54	4,511.54	4,511.54	29.88	5.06	179.38	-6.31	-38.41	1,453.51	1,435.00	18.51	78.505	
4,900.00	4,610.34	4,611.34	4,611.34	30.03	5.17	179.38	-6.31	-38.41	1,459.79	1,441.09	18.70	78.071	
5,000.00	4,710.27	4,711.27	4,711.27	30.15	5.28	179.38	-6.31	-38.41	1,463.44	1,444.58	18.86	77.589	

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

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RECEIVED: Jan. 28, 2011

Great White Directional Services, LLC

Anticollision Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well LC FEE 16-16D-56
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 6626.00usft (Berry Rig 5)
Reference Site:	Sec.16-T5S-R6W	**MD Reference:**	WELL @ 6626.00usft (Berry Rig 5)
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	LC FEE 16-16D-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 Sec.16-T5S-R6W - Wilcox Fee 15-16-56 (Existing) - Wellbore #1 - Wellbore #1

Survey Program: 7100-MWD

Offset Site Error: 0.00 usft

Offset Well Error: 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	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
5,089.74	4,800.00	4,801.00	4,801.00	30.22	5.38	-76.13	-6.31	-38.41	1,464.50	1,445.51	18.99	77.114	
5,100.00	4,810.26	4,811.26	4,811.26	30.23	5.40	-76.13	-6.31	-38.41	1,464.50	1,445.48	19.02	77.007	
5,200.00	4,910.26	4,911.26	4,911.26	30.30	5.51	-76.13	-6.31	-38.41	1,464.50	1,445.22	19.28	75.970	
5,300.00	5,010.26	5,011.26	5,011.26	30.38	5.62	-76.13	-6.31	-38.41	1,464.50	1,444.96	19.54	74.952	
5,400.00	5,110.26	5,111.26	5,111.26	30.45	5.73	-76.13	-6.31	-38.41	1,464.50	1,444.69	19.80	73.954	
5,500.00	5,210.26	5,211.26	5,211.26	30.53	5.85	-76.13	-6.31	-38.41	1,464.50	1,444.43	20.07	72.975	
5,600.00	5,310.26	5,311.26	5,311.26	30.61	5.96	-76.13	-6.31	-38.41	1,464.50	1,444.16	20.34	72.016	
5,700.00	5,410.26	5,411.26	5,411.26	30.69	6.07	-76.13	-6.31	-38.41	1,464.50	1,443.89	20.61	71.074	
5,800.00	5,510.26	5,511.26	5,511.26	30.77	6.18	-76.13	-6.31	-38.41	1,464.50	1,443.62	20.88	70.151	
5,900.00	5,610.26	5,611.26	5,611.26	30.86	6.29	-76.13	-6.31	-38.41	1,464.50	1,443.35	21.15	69.247	
6,000.00	5,710.26	5,711.26	5,711.26	30.94	6.41	-76.13	-6.31	-38.41	1,464.50	1,443.07	21.42	68.360	
6,100.00	5,810.26	5,811.26	5,811.26	31.03	6.52	-76.13	-6.31	-38.41	1,464.50	1,442.80	21.70	67.490	
6,200.00	5,910.26	5,911.26	5,911.26	31.11	6.63	-76.13	-6.31	-38.41	1,464.50	1,442.52	21.98	66.638	
6,300.00	6,010.26	6,011.26	6,011.26	31.20	6.74	-76.13	-6.31	-38.41	1,464.50	1,442.24	22.26	65.802	
6,400.00	6,110.26	6,111.26	6,111.26	31.29	6.85	-76.13	-6.31	-38.41	1,464.50	1,441.96	22.54	64.983	
6,475.74	6,186.00	6,187.00	6,187.00	31.36	6.94	-76.13	-6.31	-38.41	1,464.50	1,441.75	22.75	64.374	

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RECEIVED: Jan. 28, 2011

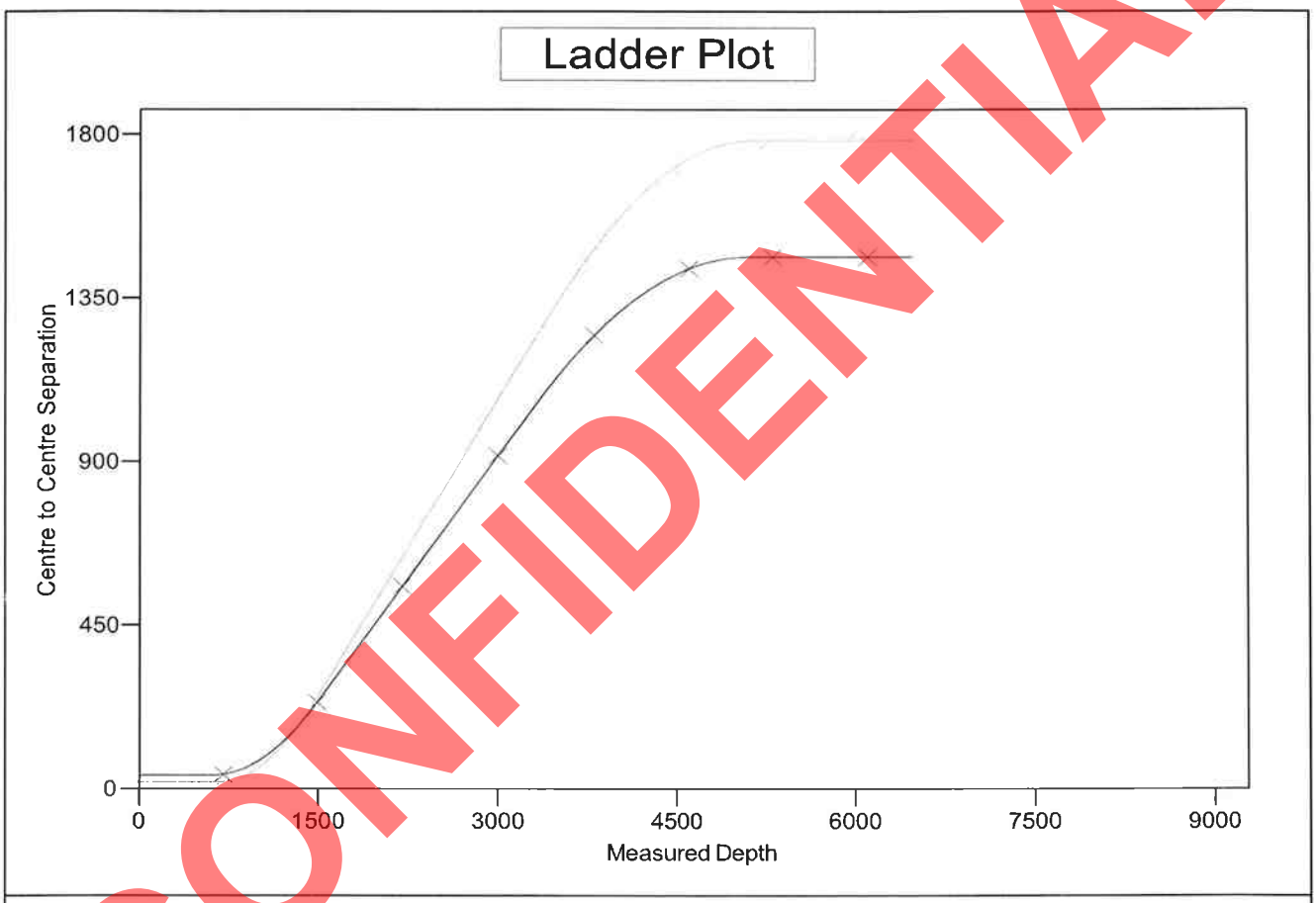
Great White Directional Services, LLC

Anticollision Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well LC FEE 16-16D-56
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 6626.00usft (Berry Rig 5)
Reference Site:	Sec.16-T5S-R6W	**MD Reference:**	WELL @ 6626.00usft (Berry Rig 5)
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	LC FEE 16-16D-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 @ 6626.00usft (Berry Rig 5)
Offset Depths are relative to Offset Datum
Central Meridian is 111° 30' 0.000 W

Coordinates are relative to: LC FEE 16-16D-56
Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302
Grid Convergence at Surface is: 0.60°



LEGEND

6D-56, Wellbore #1, Design #1 V0

Wilcox Fee 15-16-56 (Existing), Wellbore #1, Wellbore #1 V0

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

RECEIVED: Jan. 28, 2011

Great White Directional Services, LLC
Anticollision Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well LC FEE 16-16D-56
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 6626.00usft (Berry Rig 5)
Reference Site:	Sec.16-T5S-R6W	**MD Reference:**	WELL @ 6626.00usft (Berry Rig 5)
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	LC FEE 16-16D-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 @ 6626.00usft (Berry Rig 5)
Offset Depths are relative to Offset Datum
Central Meridian is 111° 30' 0.000 W

Coordinates are relative to: LC FEE 16-16D-56
Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302
Grid Convergence at Surface is: 0.60°

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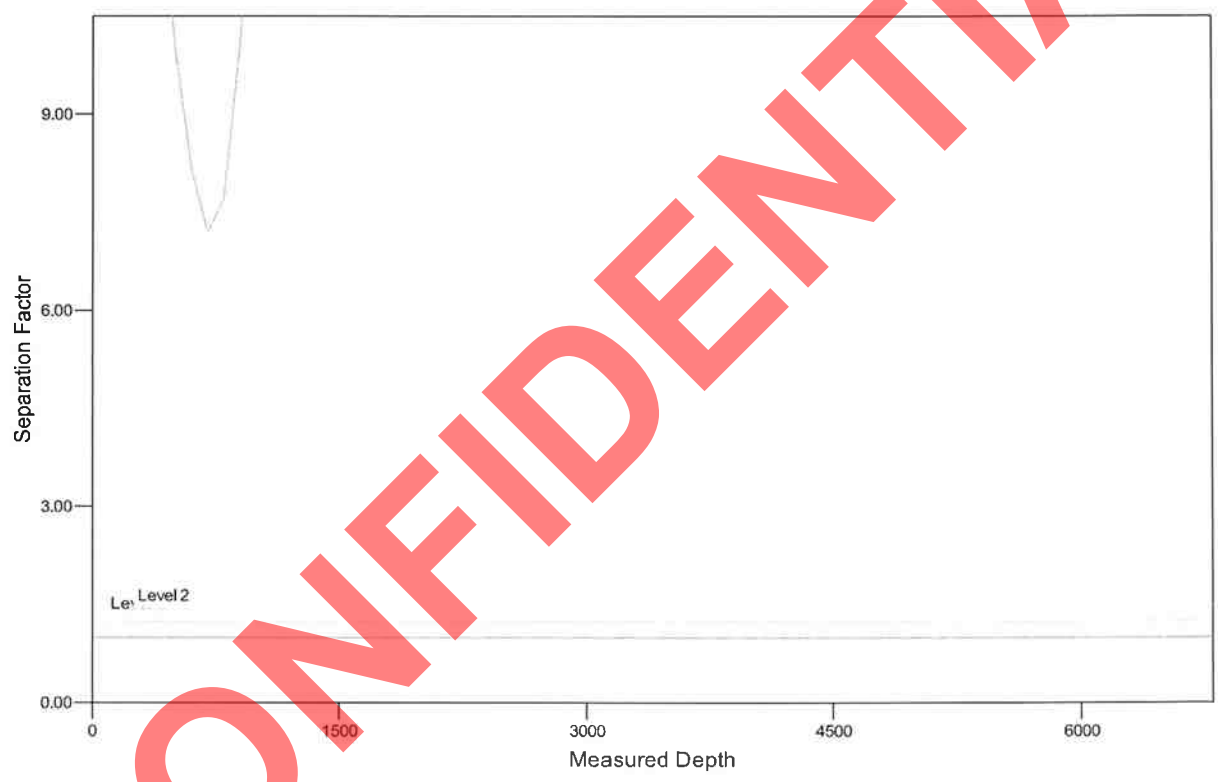
Separation Factor Plot



LEGEND

6D-56, Wellbore #1, Design #1 V0

Wilcox Fee 15-16-56 (Existing), Wellbore #1, Wellbore #1 V0

RECEIVED: Jan. 28, 2011

SURFACE DAMAGE AND RIGHT-OF-WAY SETTLEMENT AGREEMENT

KNOW ALL MEN BY THESE PRESENTS, THAT:

WHEREAS, Wilcox Investment Company, Inc. c/o R.J. Pinder, P.O. Box 1329, Park City, UT 84060(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:

Wilcox Fee 9-16-56 NE1/4SE1/4 of Section 16, Township 5 South, Range 6 West,

Wilcox Fee 15-16-56 SW1/4SE1/4 of Section 16, Township 5 South, Range 6 West,

Wilcox Fee 13-16D-56 Wilcox Fee 14-16D-56
SE1/4SW1/4 of Section 16, Township 5 South, Range 6 West,

Wilcox Fee 1-20-56 NE1/4NE1/4 of Section 20, Township 5 South, Range 6 West,

See Exhibit "A" Attached

and Berry Petroleum Company, whose address is 5201 Truxton Avenue, Suite 300, Bakersfield, CA, 93309 (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 an in consideration of the sum of ten dollars ($10.00) and other 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.

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RECEIVED: Jan. 28, 2011

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 unlittered 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 be binding up 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 in sure 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 29th day of March, 2006.

GRANTOR

Wilcox Investment Company, Inc c/o R.J. Pinder

BERRY PETROLEUM COMPANY

By: _____ Its:

CONFIDENTIAL

RECEIVED: Jan. 28, 2011

STATE OF UTAH)
)
COUNTY OF DUCHESNE)

BEFORE ME, the undersigned, a Notary Public, in and for said County and State on this 7th day of April, 2006, personally appeared Wilcox Investment Company, Inc c/o R.J. Pinder 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.

Clint W. Turner
Notary Public

My Commission Expires: 7-9-07

CLINT W TURNER
NOTARY PUBLIC • STATE of UTAH
8438 S 1275 E
SANDY UT 84094
COMMISSION EXPIRES: 07-09-2007

CONFIDENTIAL

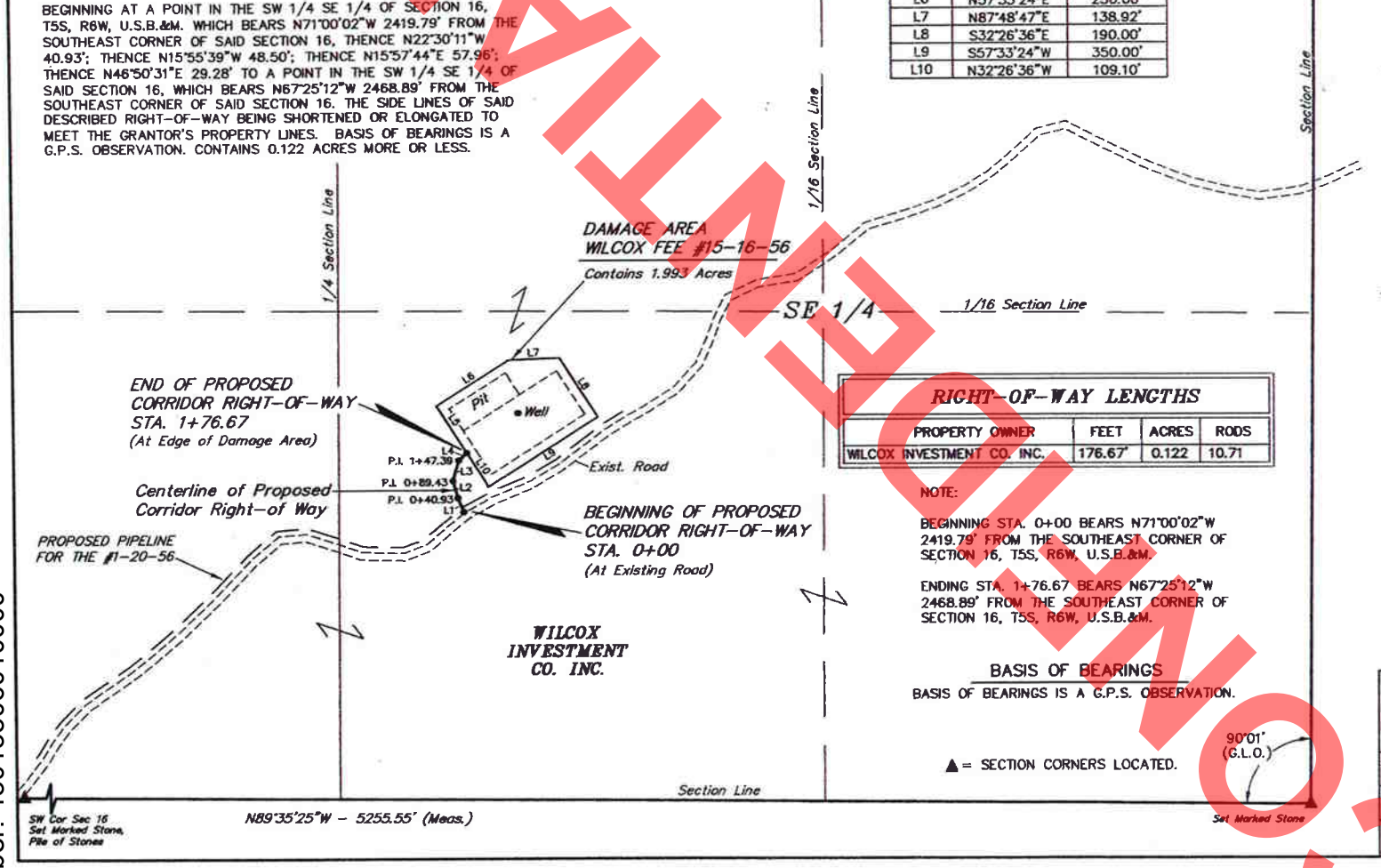
RECEIVED: Jan. 28, 2011

BERRY PETROLEUM COMPANY

LOCATION DAMAGE AREA & CORRIDOR RIGHT-OF-WAY ON FEE LANDS

(For WILCOX FEE #15-16-56)

LOCATED IN
SECTION 16, T5S, R6W, U.S.B.&M.
DUCHESNE COUNTY, UTAH



CORRIDOR RIGHT-OF-WAY DESCRIPTION

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE SW 1/4 SE 1/4 OF SECTION 16, T5S, R6W, U.S.B.&M. WHICH BEARS N71°00'02"W 2419.79' FROM THE SOUTHEAST CORNER OF SAID SECTION 16, THENCE N22°30'11"W 40.93'; THENCE N15°55'39"W 48.50'; THENCE N15°57'44"E 57.96'; THENCE N46°50'31"E 29.28' TO A POINT IN THE SW 1/4 SE 1/4 OF SAID SECTION 16, WHICH BEARS N67°25'12"W 2468.89' FROM THE SOUTHEAST CORNER OF SAID SECTION 16. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.122 ACRES MORE OR LESS.

LINE TABLE		
LINE	BEARING	LENGTH
L1	N22°30'11"W	40.93'
L2	N15°55'39"W	48.50'
L3	N15°57'44"E	57.96'
L4	N46°50'31"E	29.28'
L5	N32°26'36"W	150.90'
L6	N57°33'24"E	230.00'
L7	N87°48'47"E	138.92'
L8	S32°26'36"E	190.00'
L9	S57°33'24"W	350.00'
L10	N32°26'36"W	109.10'

RIGHT-OF-WAY LENGTHS			
PROPERTY OWNER	FEET	ACRES	RODS
WILCOX INVESTMENT CO. INC.	176.67'	0.122	10.71

NOTE:

BEGINNING STA. 0+00 BEARS N71°00'02"W 2419.79' FROM THE SOUTHEAST CORNER OF SECTION 16, T5S, R6W, U.S.B.&M.

ENDING STA. 1+76.67 BEARS N67°25'12"W 2468.89' FROM THE SOUTHEAST CORNER OF SECTION 16, T5S, R6W, U.S.B.&M.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

▲ = SECTION CORNERS LOCATED.

SCALE
300' 150' 0' 300'

DAMAGE AREA DESCRIPTION

BEGINNING AT A POINT IN THE SW 1/4 SE 1/4 OF SECTION 16, T5S, R6W, U.S.B.&M. WHICH BEARS N67°25'12"W 2468.89' FROM THE SOUTHEAST CORNER OF SAID SECTION 16, THENCE N32°26'36"W 150.90'; THENCE N57°33'24"E 230.00'; THENCE N87°48'47"E 138.92'; THENCE S32°26'36"E 190.00'; THENCE S57°33'24"W 350.00'; THENCE N32°26'36"W 109.10' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 1.993 ACRES MORE OR LESS.

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT 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.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH - 200 EAST • (435) 789-1017
VERNAL, UTAH - 84078

SCALE 1" = 300'	DATE 03-20-06
PARTY B.H. J.T. D.R.B.	REFERENCES G.L.O. PLAT
WEATHER COOL	FILE 44506

CONFIDENTIAL

RECEIVED: Jan. 28, 2011

API Well Number: 43013506010000

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 FEE 16-16D-56 1,046' FSL, 2,110' FEL (SWSE) (surface)
681' FSL, 729' FEL (SESE) (bottomhole)
Section 16, 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 FEE 16-16D-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

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RECEIVED: Jan. 28, 2011

API Well Number: 43013506010000

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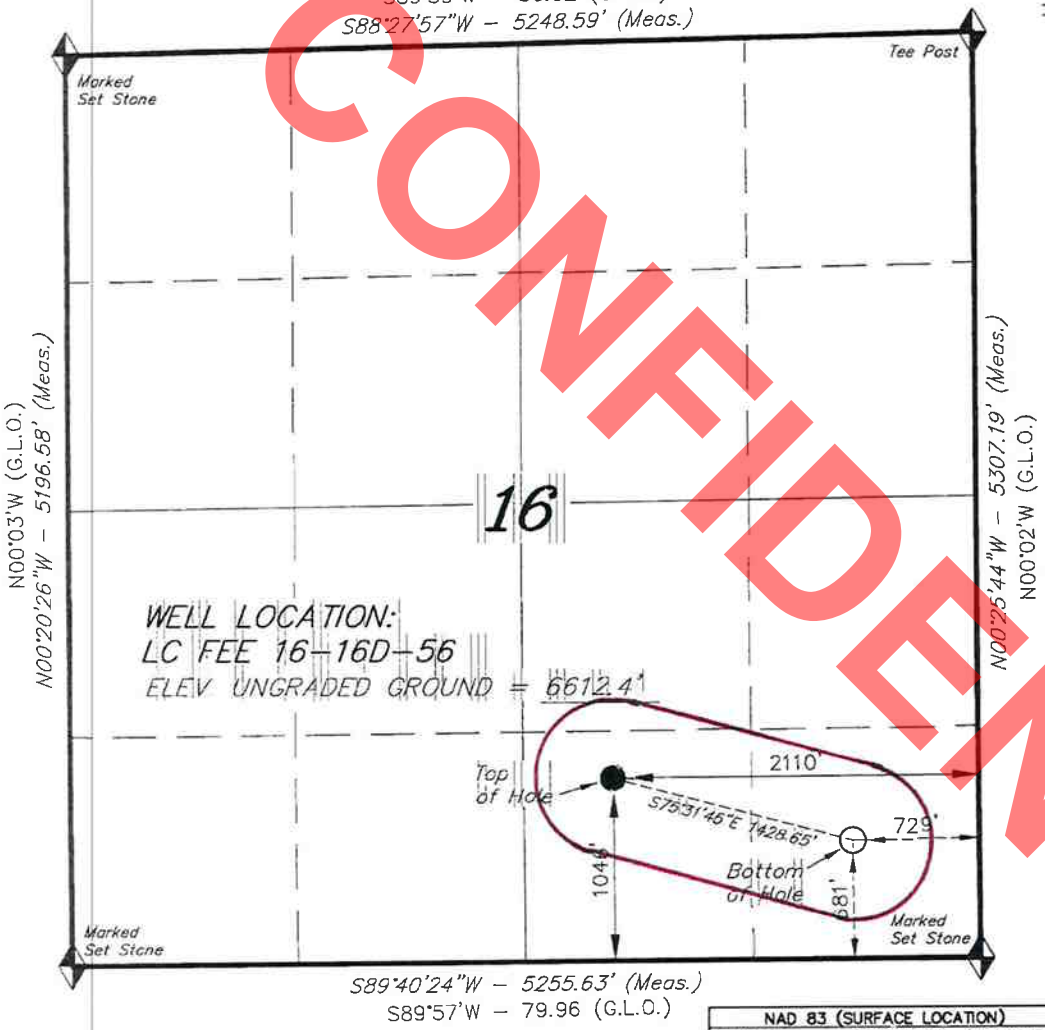
T5S, R6W, U.S.B.&M.

S89°59'W – 80.02 (G.L.O.)
S88°27'57"W – 5248.59' (Meas.)



S89°40'24"W – 5255.63' (Meas.)
S89°57'W – 79.96 (G.L.O.)

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are base on an 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°02'31.85"	(40.042182)	
LONGITUDE = 110°33'46.30"	(110.562860)	
NAD 27 (SURFACE LOCATION)		
LATITUDE = 40°02'32.00"	(40.042221)	
LONGITUDE = 110°33'43.74"	(110.562150)	
NAD 83 (BOTTOM HOLE LOCATION)		
LATITUDE = 40°02'28.18"	(40.041162)	
LONGITUDE = 110°33'28.57"	(110.557935)	
NAD 27 (BOTTOM HOLE LOCATION)		
LATITUDE = 40°02'28.33"	(40.041202)	
LONGITUDE = 110°33'26.01"	(110.557224)	

BERRY PETROLEUM COMPANY

WELL LOCATION, LC FEE 16-16D-56, LOCATED AS SHOWN IN THE SW 1/4 SE 1/4 OF SECTION 16, T5S, R6W, U.S.B.&M. DUCHESNE COUNTY, UTAH.

1000' 500' 0' 1000'
BAR SCALE

N

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 PLAT 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.

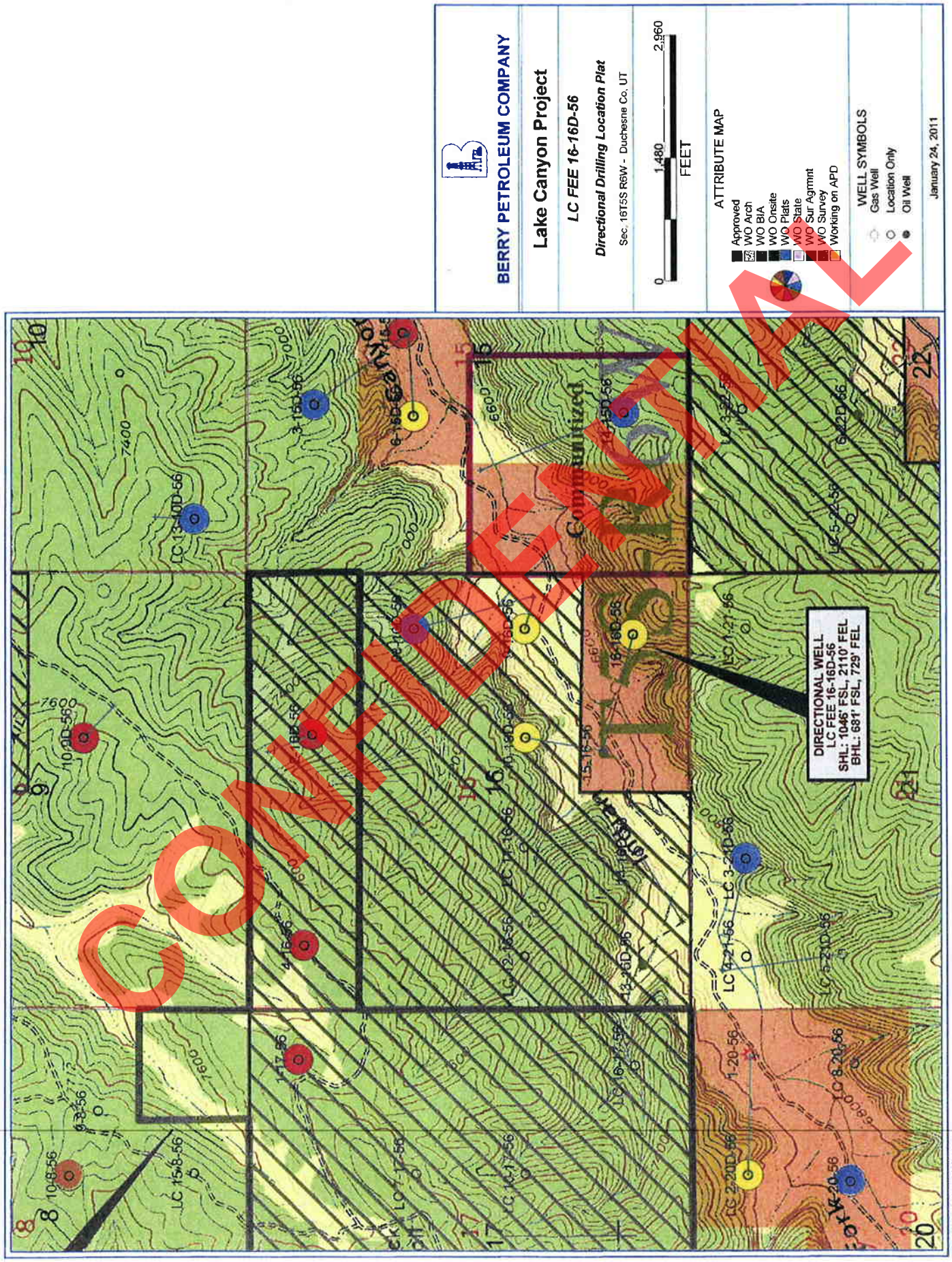
REGISTERED LAND SURVEYOR
REG. No. 189377
STACY W. STEWART
STATE OF UTAH

REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

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

DATE SURVEYED: 11-22-15	SURVEYED BY: S.H.
DATE DRAWN: 12-09-10	DRAWN BY: L.C.S.
REVISED: 01-21-11 D.COX	SCALE: 1" = 1000'

RECEIVED: Jan. 28, 2011


BERRY PETROLEUM COMPANY
Lake Canyon Project
LC FEE 16-16D-56
Directional Drilling Location Plat
Sec. 16T5S R6W - Duchesne Co, UT
0
1,480
2,960
FEET
ATTRIBUTE MAP
Approved
W/O Arch
W/O B/A
W/O Onsite
W/O Plats
W/O State
W/O Sur Agrmnt
W/O Survey
Working on APD
WELL SYMBOLS
Gas Well
Location Only
Oil Well
January 24, 2011
DIRECTIONAL WELL
LC FEE 16-16D-56
SHL: 1046' FSL, 2110' FEL
BHL: 681' FSL, 729' FEL
Communitized
CONFIDENTIAL

Berry Petroleum Company

Brundage Canyon Field
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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, Utah 84114-5801

Re: Oil and Gas Conservation General Rules
R649-3-3 Exception to Location and Siting of Wells.
LC FEE 16-16D-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 FEE 16-16D-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 Existing, Wilcox FEE 15-16-56 and the proposed LC Tribal 10-16D-56 surface locations. 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 15.

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 K. Fieldsted
Sr. Regulatory & Permitting Technician

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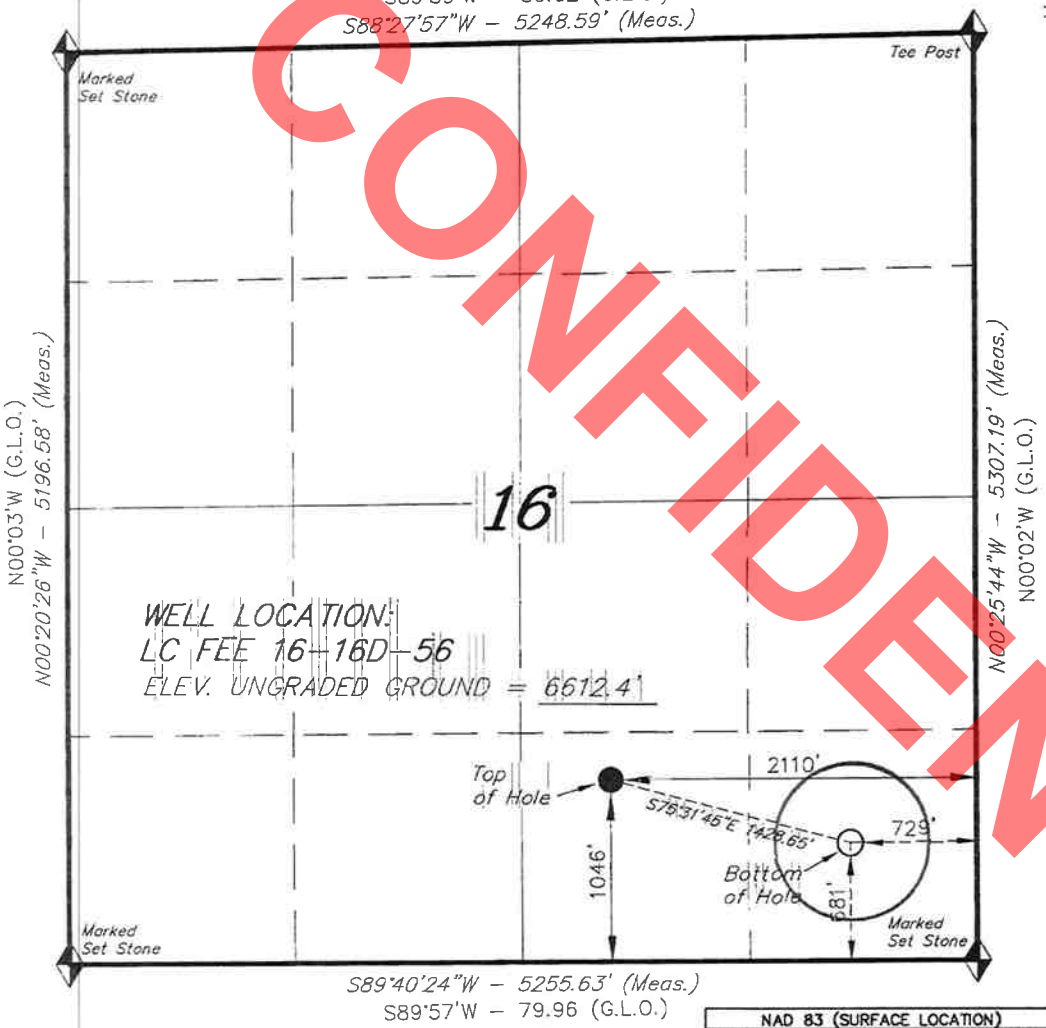
RECEIVED: Jan. 28, 2011

API Well Number: 43013506010000

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

S89°59'W – 80.02 (G.L.O.)
S88°27'57"W – 5248.59' (Meas.)



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BERRY PETROLEUM COMPANY

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1000' 500' 0' 1000'
BAR SCALE

N

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REGISTERED LAND SURVEYOR No. 189377 STACY W. STEWART STATE OF UTAH

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

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180 NORTH VERNAL AVE. – VERNAL, UTAH 84078
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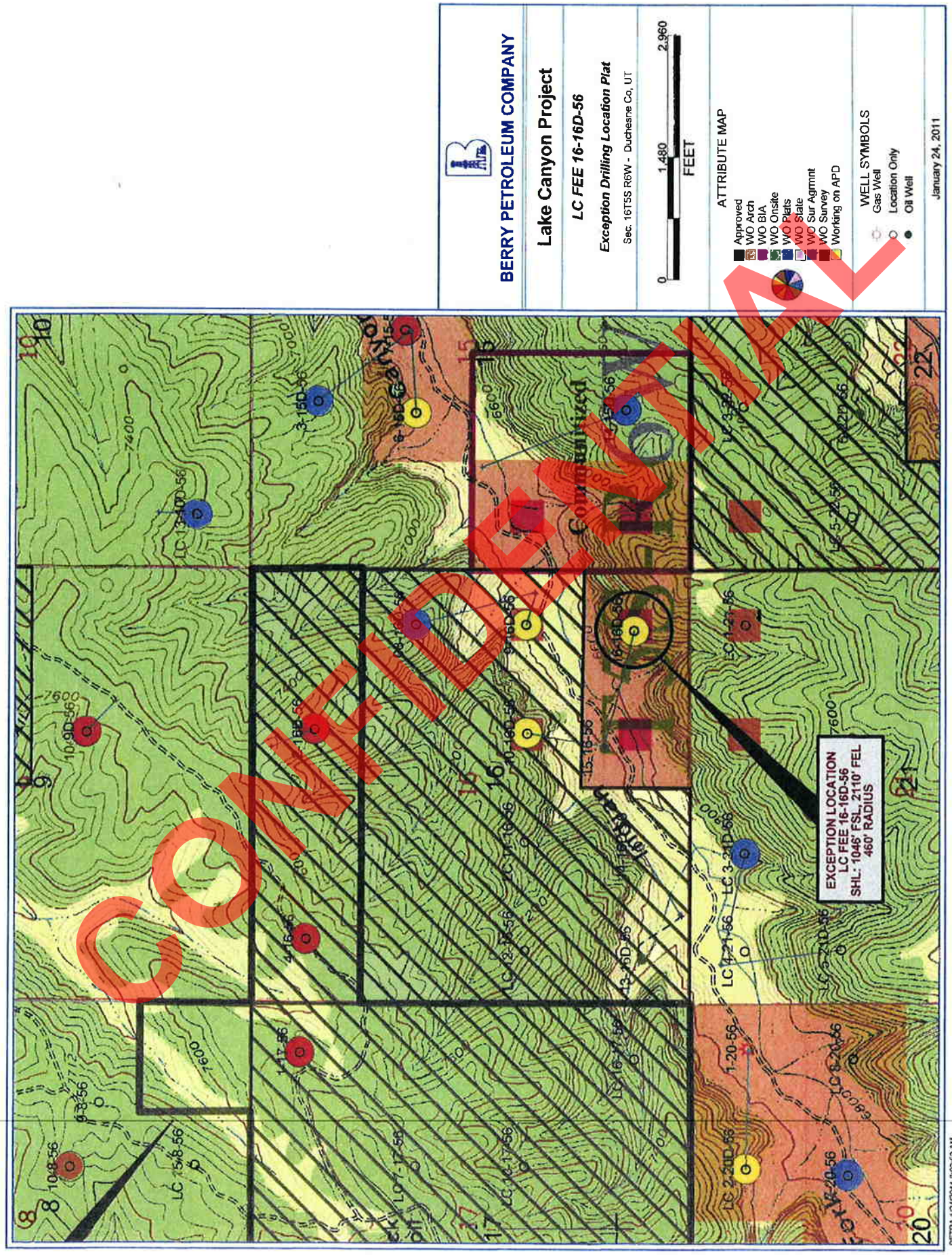
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Gas Well
Location Only
Oil Well
January 24, 2011
EXCEPTION LOCATION
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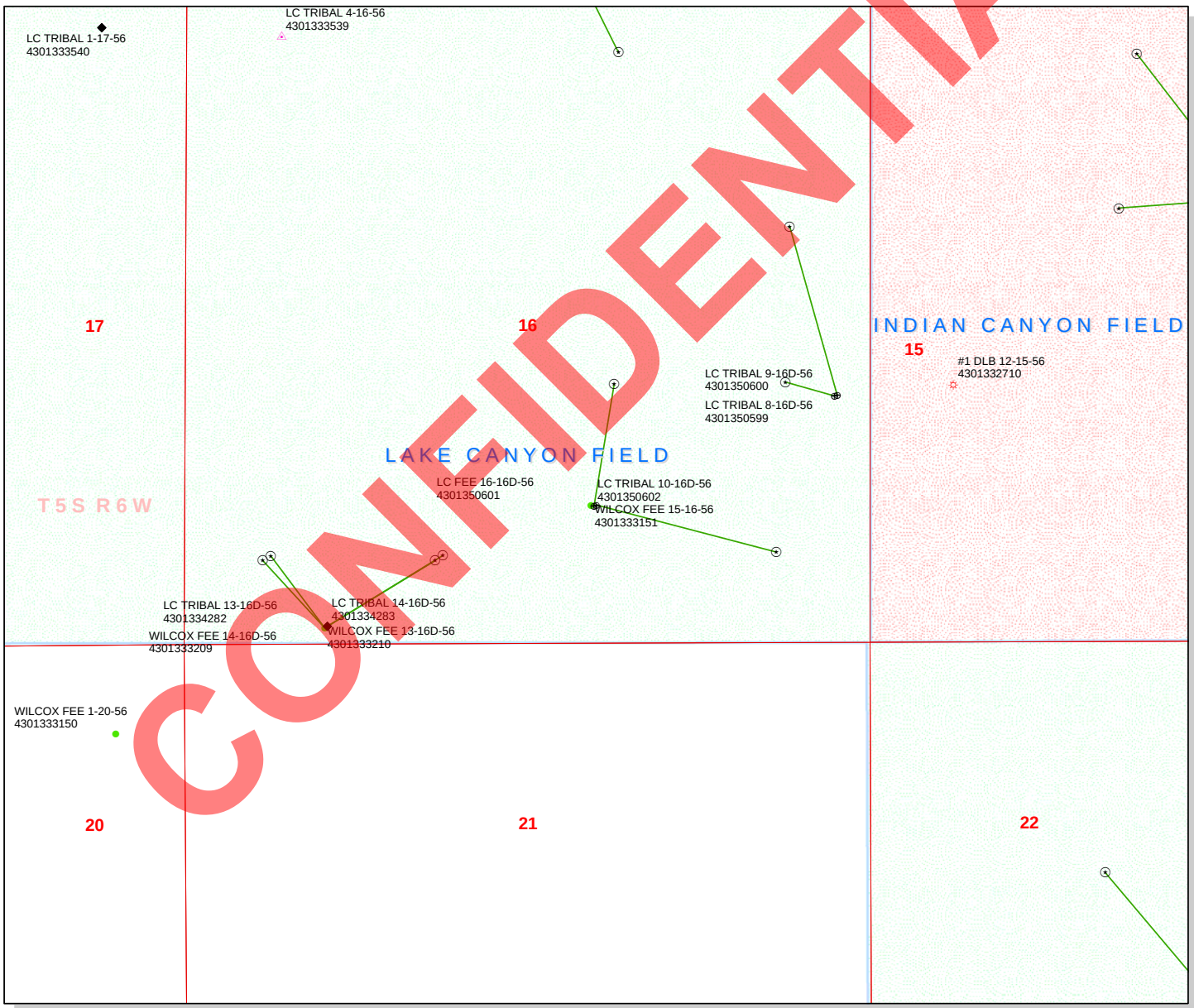
SHL: 1046' FSL, 2110' FEL
460' RADIUS
LC 16-16D-56
LC 13-10D-56
LC 10-9D-56
LC 3-16D-56
LC 8-16D-56
LC 15-16-56
LC 1-21-56
LC 3-21D-56
LC 4-21-56
LC 2-21D-56
LC 1-20-56
LC 2-20D-56
LC 8-20-56
LC 16-20-56
LC 5-22-56
LC 3-22-56
LC 13-8-56
LC 10-8-56
LC 6-8-56
LC 1-17-56
LC 2-17-56
LC 7-17-56
LC 16-17-56
LC 3-26D-56
7600
7400
6600
CONFIDENTIAL

API Well Number: 43013506010000



CONFIDENTIAL

API Number: 4301350601

Well Name: LC FEE 16-16D-56

Township 05.0 S Range 06.0 W Section 16

Meridian: UBM

Operator: BERRY PETROLEUM COMPANY

Map Prepared:
Map Produced by Diana Mason

Units
STATUS
- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields
STATUS
- Unknown
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- STORAGE
- TERMINATED
- Sections
- Township

Wells Query
Status
- APD - Aproved Permit
- DRL - Spuded (Drilling Commenced)
- GIW - Gas Injection
- GS - Gas Storage
- LA - Location Abandoned
- LOC - New Location
- OPS - Operation Suspended
- PA - Plugged Abandoned
- PGW - Producing Gas Well
- POW - Producing Oil Well
- RET - Returned APD
- SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- TA - Temp. Abandoned
- TW - Test Well
- WDW - Water Disposal
- WIW - Water Injection Well
- WSW - Water Supply Well

990 495 0 990 Feet

1:9,469

RECEIVED: Feb. 02, 2011

API Well Number: 43013506010000

BOPE REVIEW BERRY PETROLEUM COMPANY LC FEE 16-16D-56 43013506010000

Well Name	BERRY PETROLEUM COMPANY LC FEE 16-16D-56 430135(			
String	Surf	Prod		
Casing Size(")	8.625	5.500		
Setting Depth (TVD)	650	6186		
Previous Shoe Setting Depth (TVD)	0	650		
Max Mud Weight (ppg)	9.5	9.5		
BOPE Proposed (psi)	0	2000		
Casing Internal Yield (psi)	2950	4810		
Operators Max Anticipated Pressure (psi)	3038	9.4		

Calculations	**Surf String**	**8.625**	**"**	
Max BHP (psi)	.052*Setting Depth*MW=	321		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	243	NO	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	178	NO	Reasonable depth
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	178	NO	
Required Casing/BOPE Test Pressure=		650	psi	
***Max Pressure Allowed @ Previous Casing Shoe=**		0	psi	*Assumes 1psi/ft frac gradient

Calculations	**Prod String**	**5.500**	**"**	
Max BHP (psi)	.052*Setting Depth*MW=	3056		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	2314	NO	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1695	YES	OK
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1838	NO	Reasonable
Required Casing/BOPE Test Pressure=		2000	psi	
***Max Pressure Allowed @ Previous Casing Shoe=**		650	psi	*Assumes 1psi/ft frac gradient

Calculations	**String**		**"**	
Max BHP (psi)	.052*Setting Depth*MW=			
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO	
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO	
Required Casing/BOPE Test Pressure=			psi	
***Max Pressure Allowed @ Previous Casing Shoe=**			psi	*Assumes 1psi/ft frac gradient

Calculations	**String**		**"**	
Max BHP (psi)	.052*Setting Depth*MW=			
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO	
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO	
Required Casing/BOPE Test Pressure=			psi	

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***Max Pressure Allowed @ Previous Casing Shoe=**		psi *Assumes 1psi/ft frac gradient

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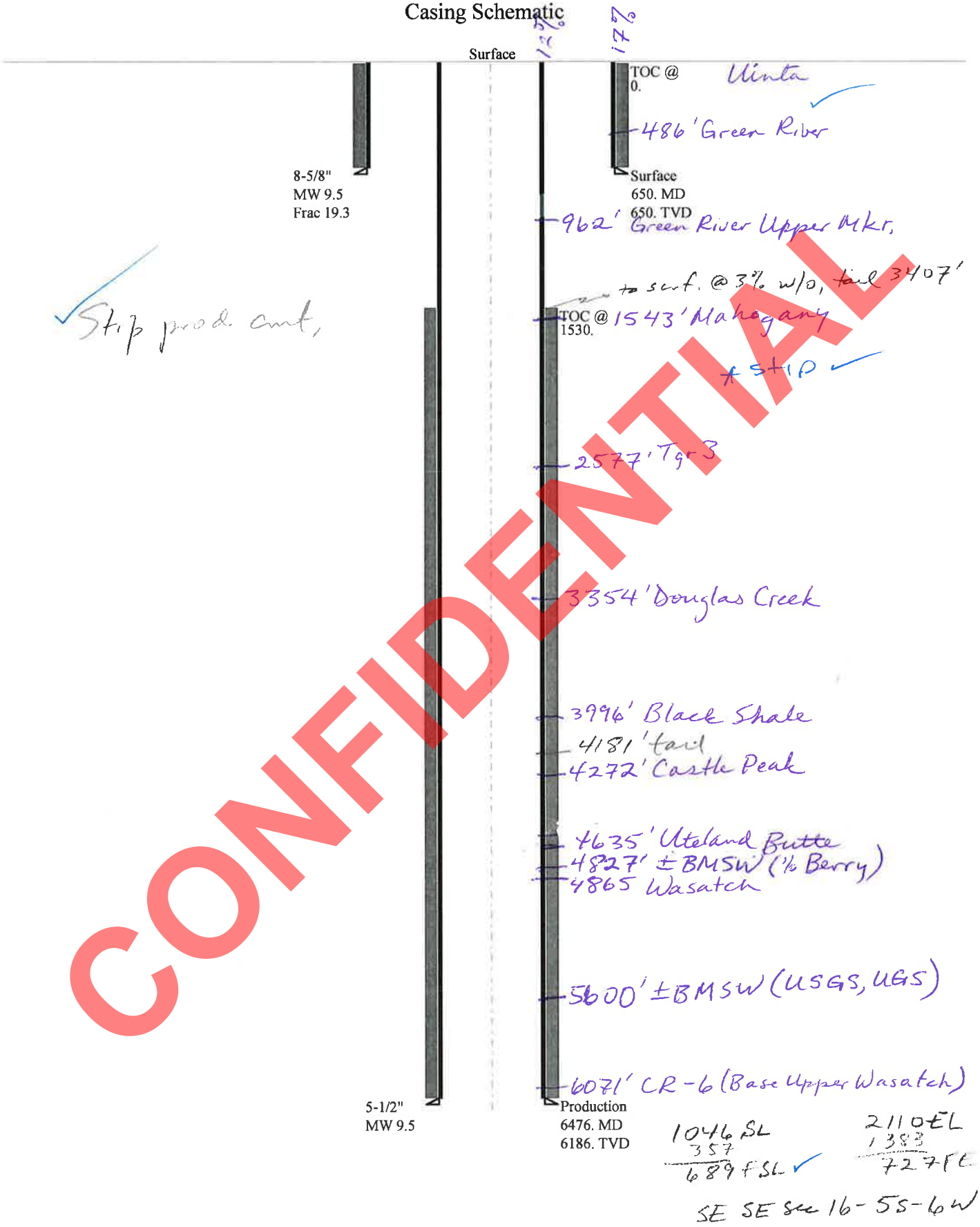
43013506010000 LC FEE 16-16D-56

Casing Schematic



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RECEIVED: May. 02, 2011

Well name:	**43013506010000 LC FEE 16-16D-56**
Operator:	**BERRY PETROLEUM COMPANY**
String type:	Surface
Project ID:	43-013-50601
Location:	DUCHESNE COUNTY

Design parameters:

Collapse

Mud weight: 9.500 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 572 psi

Internal gradient: 0.120 psi/ft

Calculated BHP 650 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC:	1.80 (J)
8 Round LTC:	1.70 (J)
Buttress:	1.60 (J)
Premium:	1.50 (J)
Body yield:	1.50 (B)

Tension is based on air weight.

Neutral point: 557 ft

Environment:

H2S considered?	No
Surface temperature:	74 °F
Bottom hole temperature:	83 °F
Temperature gradient:	1.40 °F/100ft
Minimum section length:	100 ft
Cement top:	Surface

Directional Info - Build & Drop

Kick-off point	600 ft
Departure at shoe:	1 ft
Maximum dogleg:	3 °/100ft
Inclination at shoe:	1.5 °

Re subsequent strings:

Next setting depth:	6,476 ft
Next mud weight:	9.500 ppg
Next setting BHP:	3,196 psi
Fracture mud wt:	19.250 ppg
Fracture depth:	650 ft
Injection pressure:	650 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	650	8.625	24.00	J-55	ST&C	650	650	7.972	3346

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	321	1327	4.136	650	2950	4.54	15.6	244	15.64 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940

Date: April 25,2011
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 650 ft, a mud weight of 9.5 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

CONFIDENTIAL

RECEIVED: May. 02, 2011

Well name:	**43013506010000 LC FEE 16-16D-56**
Operator:	**BERRY PETROLEUM COMPANY**
String type:	Production
Project ID:	43-013-50601
Location:	DUCHESNE COUNTY

Design parameters:

Collapse

Mud weight: 9.500 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 1,692 psi

Internal gradient: 0.220 psi/ft

Calculated BHP 3,053 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC:	1.80 (J)
8 Round LTC:	1.80 (J)
Buttress:	1.60 (J)
Premium:	1.50 (J)
Body yield:	1.60 (B)

Tension is based on air weight.

Neutral point: 5,587 ft

Environment:

H2S considered?	No
Surface temperature:	74 °F
Bottom hole temperature:	161 °F
Temperature gradient:	1.40 °F/100ft
Minimum section length:	100 ft
Cement top:	1,530 ft

Directional Info - Build & Drop

Kick-off point	600 ft
Departure at shoe:	1429 ft
Maximum dogleg:	3 °/100ft
Inclination at shoe:	0 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	6476	5.5	15.50	J-55	LT&C	6186	6476	4.825	22867

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	3053	4040	1.323	3053	4810	1.58	95.9	217	2.26 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940

Date: April 13,2011
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 6186 ft, a mud weight of 9.5 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

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RECEIVED: May. 02, 2011

ON-SITE PREDRILL EVALUATION
Utah Division of Oil, Gas and Mining

Operator BERRY PETROLEUM COMPANY
Well Name LC FEE 16-16D-56
API Number 43013506010000 **APD No** 3459 **Field/Unit** LAKE CANYON
Location: 1/4,1/4 SWSE **Sec** 16 **Tw** 5.0S **Rng** 6.0W 1046 FSL 2110 FEL
GPS Coord (UTM) **Surface Owner** WILCOX INVESTMENT COMPANY

Participants

Floyd Bartlett (DOGM), Kathy Fieldsted, Fred Goodrich (Berry Petroleum Company), Nathan Packer (BLM), Shaun Hawkes, Mr. Rowley (Tri-State Land Surveying).

Regional/Local Setting & Topography

Two additional oil wells are proposed to be directionally drilled from an existing pad of the WCF 15-16-56 producing oil well. They are the LC FEE 16-16D-56 and LC Tribal 10-16D-56. No pad expansion is planned. A review of the existing pad showed no concerns. The diversion which is up-slope from the location and runs to the east should be maintained.

Wilcox Investment Company of Park City, UT owns the surface.

Surface Use Plan

Current Surface Use
Existing Well Pad

New Road Miles	Well Pad Width	Well Pad Length	Src Const Material	Surface Formation
0				

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Soil Type and Characteristics

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required? Y
The diversion which is up-slope from the location and runs to the east should be maintained.

Berm Required? N

Erosion Sedimentation Control Required? Y

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The diversion which is up-slope from the location and runs to the east should be maintained.

Paleo Survey Run? **Paleo Potental Observed?** **Cultural Survey Run?** N **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

The wells will be drilled utilizing a closed loop mud circulating system.

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

Other Observations / Comments

Floyd Bartlett
Evaluator

3/3/2011
Date / Time

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Application for Permit to Drill
Statement of Basis

Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
3459	43013506010000	LOCKED	OW	P	No

Operator	BERRY PETROLEUM COMPANY	**Surface Owner-APD**	WILCOX INVESTMENT COMPANY
Well Name	LC FEE 16-16D-56	**Unit**	
Field	LAKE CANYON	**Type of Work**	DRILL

Location SWSE 16 5S 6W U 1046 FSL 2110 FEL GPS Coord (UTM) 537340E 4432317N

Geologic Statement of Basis

Berry proposes to set 350' of surface casing at this location. The base of the moderately saline water is estimated to be at 5,600 feet in this area. This location lies on the Uinta Formation and is located near the edge of an alluvial valley fill. The Uinta Formation is not expected to produce prolific aquifers. Water may be found in alluvium deposited in valley floors. A search of Division of Water Rights records indicates 1 water well within a 10,000 foot radius of the proposed location. The well is located approximately 1 mile east of the proposed location. The well is listed as producing from a depth of 80 feet and probably produces from deep valley fill material. Production casing cement should be brought up above the base of the moderately saline ground water in order to isolate it from fresher waters uphole.

Brad Hill — **APD Evaluator**

4/4/2011 — **Date / Time**

Surface Statement of Basis

Two additional oil wells are proposed to be directionally drilled from an existing pad of the WCF 15-16-56 producing oil well. They are the LC FEE 16-16D-56 and LC Tribal 10-16D-56. No pad expansion is planned. A review of the existing pad showed no concerns. The diversion which is up-slope from the location and runs to the east should be maintained.

Wilcox Investment Company of Park City, UT owns the surface. The LC FEE 16-16D-56 well will be drilled to FEE minerals while the LC Tribal 10-16D-56 well will be drilled to minerals owned by the United States and held in Trust for the Ute Indian Tribe. Mr. Robert Pinder owns Wilcox Investment Company. A phone search was made for both the Company and Mr. Pinder. No current number could be located. Letters were sent to a possible residence for Mr. Pinder and the Investment Company. The letter sent to the possible residence was returned showing no receptacle at this address. The letter to the Investment Company was not returned. The letter notified and invited Mr. Pinder of the planned pre-site visit. A signed surface agreement exists for the location. Mr. Nathan Packer of the BLM, who administers the minerals for the Tribe, attended the pre-site. He had no concerns regarding the proposal.

Floyd Bartlett — **Onsite Evaluator**

3/3/2011 — **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	Drainages adjacent to the proposed pad shall be diverted around the location.

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WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 1/28/2011 **API NO. ASSIGNED:** 43013506010000
WELL NAME: LC FEE 16-16D-56
OPERATOR: BERRY PETROLEUM COMPANY (N2480) **PHONE NUMBER:** 435 722-1325
CONTACT: Kathy K. Fieldsted

PROPOSED LOCATION: SWSE 16 050S 060W **Permit Tech Review:** ✔

SURFACE: 1046 FSL 2110 FEL **Engineering Review:** ✔

BOTTOM: 0681 FSL 0729 FEL **Geology Review:** ✔

COUNTY: DUCHESNE
LATITUDE: 40.04215 **LONGITUDE:** -110.56230
UTM SURF EASTINGS: 537340.00 **NORTHINGS:** 4432317.00
FIELD NAME: LAKE CANYON
LEASE TYPE: 4 - Fee
LEASE NUMBER: FEE **PROPOSED PRODUCING FORMATION(S):** GREEN RIVER
SURFACE OWNER: 4 - Fee **COALBED METHANE:** NO

RECEIVED AND/OR REVIEWED:

- ✔ **PLAT**
- ✔ **Bond:** STATE/FEE - RLB0005651
- ☐ **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:
5 - Statement of Basis - bhill
9 - Cement casing to Surface - ddoucet
15 - Directional - dmason
23 - Spacing - dmason

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RECEIVED: May. 04, 2011

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 FEE 16-16D-56
API Well Number: 43013506010000
Lease Number: FEE
Surface Owner: FEE (PRIVATE)
Approval Date: 5/4/2011

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:
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).

The cement volumes for the 5 1/2" casing shall be determined from actual hole conditions and the setting depth of the casing in order to place cement from the pipe setting depth back to the surface as

indicated in the submitted drilling plan.

Additional Approvals:
The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:
- Any changes to the approved drilling plan – contact Dustin Doucet
- Significant plug back of the well – contact Dustin Doucet
- Plug and abandonment of the well – contact Dustin Doucet

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
  OR
  submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at http://oilgas.ogm.utah.gov
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program – contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well – contact Dan Jarvis

Contact Information:
The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):
- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
  801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
  801-231-8956 - after office hours

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

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: FEE

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 FEE 16-16D-56

2. NAME OF OPERATOR:
BERRY PETROLEUM COMPANY

9. API NUMBER:
43013506010000

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:
1046 FSL 2110 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SWSE Section: 16 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		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
✓ SPUD REPORT Date of Spud: 8/12/2011	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PLEASE NOTE THAT THE LC FEE 16-16D-56 WAS SPUD AUGUST 12, 2011 BY LEON ROSS DRILLING.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Kathy K. Fieldsted	435 722-1325	Sr. Regulatory & Permitting Tech.

SIGNATURE	DATE
N/A	8/12/2011

RECEIVED Aug. 12, 2011

Berry Petroleum Company
RT 2 Box 7735
3846 S Hwy 40
Roosevelt, Utah
(435) 722-1325

CONFIDENTIAL

August 10, 2011

API # 43-013-50601

State of Utah OG&M
Carol Daniels
Salt Lake City, Utah

Re: Spud Notice

LC Fee 16-16D-56
1046 FSL, 2110 FEL SWSE
Begin at approx. 9:00 am on Friday August 12, 2011
Section 16 T5S R6W

Lease # FEE

If you have any questions or need more information, please call me at 435-722-1325

Sincerely
Kathy Fieldsted

Thank You

RECEIVED
AUG 1 0 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
Address: 4000 S. 4028 W
city ROOSEVELT
state UT zip 84066

Operator Account Number: N 2480
Phone Number: (435) 722-1325

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301350601	LC FEE 16-16D-56		SWSE	16	5S	6W	DUCHESNE
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
A	99999	18165	8/12/2011			8/18/11	

Comments: SPUD BY LEON ROSS DRILLING GRRV BHL=SESE

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)

KATHY K FIELDSTED
Name (Please Print)
Kathy K Fieldsted
Signature
SR. REG & PERMITTING
Title
8/12/2011
Date

(5/2000)

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Berry Petroleum Company
RT 2 Box 7735
3846 S Hwy 40
Roosevelt, Utah
(435) 722-1325

43-013-50601

August 31, 2011

State of Utah OG&M
Carol Daniels
Salt Lake City, Utah

Re: Pressure Test Bop

LC FEE 16-16D-56
SE ¼, SE ¼, 1046' FSL 2110' FEL, SEC. 16, T5S, R6W, U.S.B. & M.
Duchesne, County, Utah

Lease; FEE
API# 43-013-50601

If you have any questions or need more information, please call me at 970-623-7085.

Sincerely
James Marsh
Drilling Supervisor
Berry Petroleum Co.

Thank You

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FORM 9

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

5. LEASE DESIGNATION AND SERIAL NUMBER: FEE

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT 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.

1. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER: LC FEE 16-16D-56

2. NAME OF OPERATOR: BERRY PETROLEUM COMPANY

9. API NUMBER: 4301350601

3. ADDRESS OF OPERATOR: 4000 S. 4028 W. CITY ROOSEVELT STATE UT ZIP 84066 PHONE NUMBER: (435) 722-1325

10. FIELD AND POOL, OR WILDCAT: LAKE CANYON

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1046' FSL 2110' FEL COUNTY: DUCHESNE

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 16 5S 6W U STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: 9/17/2011	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: DRILLING HISTORY
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

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 FEE 16-16D-56.

NAME (PLEASE PRINT) BROOKE BROADHEAD TITLE REGULATORY ASSISTANT

SIGNATURE Brooke Broadhead DATE 9/20/2011

(This space for State use only)

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(5/2000) (See Instructions on Reverse Side)

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Berry Daily Drilling Report

Report Date: 8/30/2011
Report #: 1, DFS:
Depth Progress: 50

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State	AFE Number	Total AFE Amount
43013506010000	SWSE Sec 16 T5S-R6W		Utah	C11 032009	
Spud Date	**Rig Release Date**	**KB-Ground Distance (ft)**	**Ground Elevation (ftKB)**	**Daily Cost**	**Cum Cost To Date**
9/1/2011 12:00:00 PM	9/17/2011 6:00:00 AM	14.00	6,612	18,463	18,463

Operations at Report Time	Operations Next 24 Hours	Daily Mud Cost	Mud Additive Cost To Date
Drilling 12 1/4" surface hole.	Drill 12 1/4" surface hole, case and cement.		

Operations Summary
Move rig and rig up on the LC FEE 16-16D-56. Nipple down rotating head and lay down stack.Weld conductor pipe in place, pick 12 1/4 bit, mud motor, trip in hole, tag @ 203', drill surface hole from 203' to 253'.

Remarks
Fuel on hand= 2132 gals, fuel used =283 gals.

Depth Start (ftKB)	Depth End (ftKB)
203	253
Depth Start (TVD) (ftKB)	**Depth End (TVD) (ftKB)**
203	253
Target Formation	**Target Depth (ftKB)**
CR-6	6,476

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	58.0	Good	Good.

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	14:00	8.00	Rig Up & Tear Down	HSM w/Jones Trucking. Move rig .6 mile to the LC FEE 16-16D-56, Set sub, and mud boat. Set mud pumps,pits, water tank,fuel tank, change house, de-watering unit, pipe tubs, catwalk,light plant, gas buster, and rig up back yard.
14:00	18:00	4.00	NU/ND BOP	Nipple down rotating head and layb down stack in substructure.
18:00	21:00	3.00	Rig Up & Tear Down	Rig up floolr, pick up kelly,and tongs. Weld conductor pipe.
21:00	02:30	5.50	Rig Up & Tear Down	Move gas buster and rig up, complete rigging up back yard, prime pumps and circulate top of hole.
02:30	03:30	1.00	Trips	Make up 12 1/4 bit,cross over sub, and mud motor. Trip in hole, tag @ 203'.
03:30	06:00	2.50	Drilling	Drill from 203' to 253'.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/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

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

BHA #1, Slick

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
1	12 1/4in, EQH27S, 11557638	-------	

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
	612.19		20.3

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	12 1/4 BIT	12 1/4	1.00							
1	Cross over sub	6	2.97							
1	Mud motor	6	27.73							
2	Drill collars	6	58.77							
17	HWDP	4 1/2	521.72							

Daily Contacts

Job Contact	Mobile
James Marsh	435-828-1879
Tony Hardman	281-605-2080

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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost

Job Supplies

Diesel Fuel, gal us

Supply Item Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
5,500.0	3,832.0	

Diesel Fuel Consumption

Date	Consumed
9/10/2011	126.0
9/11/2011	813.0
9/12/2011	949.0
9/13/2011	460.0
9/14/2011	366.0
9/15/2011	376.0
9/16/2011	371.0
9/17/2011	371.0

Berry Daily Drilling Report

Report Date: 8/31/2011
Report #: 2, DFS:
Depth Progress: 397

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State	AFE Number	Total AFE Amount
43013506010000	SWSE Sec 16 T5S-R6W		Utah	C11 032009	

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)	Daily Cost	Cum Cost To Date
9/1/2011 12:00:00 PM	9/17/2011 6:00:00 AM	14.00	6,612	42,428	60,891

Operations at Report Time	Operations Next 24 Hours	Daily Mud Cost	Mud Additive Cost To Date
Running 8 5/8 surface casing	Run 8 5/8 casing, cement, W.O.C, weld on well head. nipple up and test BOP.	1,629	1,629

Depth Start (ftKB)	Depth End (ftKB)
253	650

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)
253	649

Target Formation	Target Depth (ftKB)
CR-6	6,476

Operations Summary
Drill 12 1/4' hole from253' to 300', service rig,m drill from 300' to 650', circulate hole, pump high vis sweep, Trip out of hole, rig up Weatherford casing equipment, run 8 5/8 casing.

Remarks
Fuel on hand= 5934 gals, fuel used= 470 gals.

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	58.0	Good	Good.

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	08:00	2.00	Drilling	Drill surface from 253' to 300'.
08:00	08:30	0.50	Lubricate Rig	Service rig, changed swab in #2 pump, SPR #1 pump= 40spm @ 450psi.
08:30	18:00	9.50	Drilling	Drill from 300' to 469'. 17.5 ft/hr avg, 7 wob, 65 rpm, 400 gprm.
18:00	02:00	8.00	Drilling	Drill from 469' to 650'.
02:00	04:00	2.00	Condition Mud & Circulate	Pump high vis sweep to surface. Circulate hole clean.
04:00	04:30	0.50	Trips	Trip out of hole for surface casing.
04:30	06:00	1.50	Run Casing & Cement	HSM w/Weatherford, rig up casing equipment. Run 15 joints of 8 5/8, J-55, 24# casing to a depth of 650'.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Gel Base	06:00	310.0	9.40	48		23.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
6.000	12.000		8.0	2	7.0	1.0

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
8.0		99.0	300.000			

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
					197.0

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

BHA #1, Slick

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
1	12 1/4in, EQH27S, 11557638	-------	

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
	612.19		20.3

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	12 1/4 BIT	12 1/4	1.00							
1	Cross over sub	6	2.97							
1	Mud motor	6	27.73							
2	Drill collars	6	58.77							
17	HWDP	4 1/2	521.72							

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	253.0	650.0	447.00	19.50	22.00	20.4	400

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
7	65	750.0	41	46	38		

Q (g inj) (ft³/...	Motor RPM (rpm)	T (inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Daily Contacts

Job Contact	Mobile
James Marsh	435-828-1879
Tony Hardman	281-605-2080

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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost
Defoamer	2.0	250.00
Engineer	1.0	450.00
Lignite	8.0	240.00
Maxgel	30.0	225.00
Product trailer	3.0	150.00
Rental	1.0	50.00
Sawdust	5.0	22.50
Tax	1.0	241.00

Job Supplies

Diesel Fuel, gal us

Supply Item Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
5,500.0	3,832.0	

Diesel Fuel Consumption

Date	Consumed
9/10/2011	126.0
9/11/2011	813.0
9/12/2011	949.0
9/13/2011	460.0
9/14/2011	366.0
9/15/2011	376.0
9/16/2011	371.0
9/17/2011	371.0

Berry Daily Drilling Report

Well Name: LC FEE 16-16D-56

Report Date: 8/31/2011
Report #: 2, DFS:
Depth Progress: 397

Deviation Surveys
<Description?>

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
0.00	9/1/2011		0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
635.00	4.04	196.85	634.47	-21.42	-6.49	0.71	0.64

Berry Daily Drilling Report

Report Date: 9/1/2011
Report #: 3, DFS:
Depth Progress: 0

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State	AFE Number	Total AFE Amount
43013506010000	SWSE Sec 16 T5S-R6W		Utah	C11 032009	
Spud Date	**Rig Release Date**	**KB-Ground Distance (ft)**	**Ground Elevation (ftKB)**	**Daily Cost**	**Cum Cost To Date**
9/1/2011 12:00:00 PM	9/17/2011 6:00:00 AM	14.00	6,612	27,378	88,269
Operations at Report Time		**Operations Next 24 Hours**		**Daily Mud Cost**	**Mud Additive Cost To Date**
Testing bops.		Pick up BHA , orient dir tools, drill out shoe track, drill formation.		1,944	3,572
				Depth Start (ftKB)	**Depth End (ftKB)**
				650	650
				Depth Start (TVD) (ftKB)	**Depth End (TVD) (ftKB)**
				649	649
				Target Formation	**Target Depth (ftKB)**
				CR-6	6,476

Operations Summary
Run 8 5/8 casing to 628', cement, surface casing, WOC, Replace fan on #2 lightplant engine, cut conductor and weld on wellhead, nipple up bop, test bop.

Remarks
Fuel on hand= 5748 gals, fuel used= 286 gals.

Weather	Temperature (°F)	Road Condition	Hole Condition
Partly cloudy	61.0	Good	Good.

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	628	8 5/8	20 bbls to surface.

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	07:30	1.50	Run Casing & Cement	Run 13 joints of 8 5/8, J-55,24# csing to a depth of 628'. Rig down Weatherford casing equipment.
07:30	09:30	2.00	Run Casing & Cement	HSM w/Pro-Petro, Rig up cementing equipment. Pressure test lines to 1000 psi. Pump 20 bbl fresh water, 20 sks gel, 350 sks of 2%cacl, 1/4lb sk flocele, 15.8 ppg, 1.15 yield, 5 gal./sk cement. FCP 300 psi, landed plug@ 800 psi.Float held, 20 bbls cement to surface.
09:30	18:00	8.50	Wait on Cement	W.O.C, rig down Pro-Petro. Clean rig , Smith Power on location t o change fan on #2 lightplant engine.
18:00	22:00	4.00	Miscellaneous	Cut condoctor pipe and surface casing, prep surface casing for well head, weld on well head.
22:00	00:00	2.00	Miscellaneous	Wait on well head to cool, prep bop stack for nipple up.
00:00	03:30	3.50	NU/ND BOP	Nipple up BOP,rotating head, and flow line. Function test bop.
03:30	06:00	2.50	Test BOP	HSM w/ A-1 Testing, Test upper kelly,pipe rams, kill line, chokes, annular, check valve, blind rams, choke manifold, to 250 psi f/ 5 min, and 2000 psi f/10 min. Test casing to 2000 psi f/ 30 min.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Gel Base	06:00	650.0	9.50	55		23.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
6.000	12.000		8.0	2	7.0	1.0

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
8.0		99.0	300.000			

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
					187.0

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...

Daily Contacts

Job Contact	Mobile
James Marsh	435-828-1879
Tony Hardman	281-605-2080

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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost
Bar	40.0	640.00
Defoamer	3.0	375.00
Engineer	1.0	450.00
Maxgel	25.0	187.50
Rental	1.0	50.00
Tax	1.0	241.00

Job Supplies

Diesel Fuel, gal us

Supply Item Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
5,500.0	3,832.0	

Diesel Fuel Consumption

Date	Consumed
9/10/2011	126.0
9/11/2011	813.0
9/12/2011	949.0
9/13/2011	460.0
9/14/2011	366.0
9/15/2011	376.0
9/16/2011	371.0
9/17/2011	371.0

Berry Daily Drilling Report

Report Date: 9/2/2011
Report #: 4, DFS: 0.8
Depth Progress: 837

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State	AFE Number	Total AFE Amount
43013506010000	SWSE Sec 16 T5S-R6W		Utah	C11 032009	

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)	Daily Cost	Cum Cost To Date
9/1/2011 12:00:00 PM	9/17/2011 6:00:00 AM	14.00	6,612	33,259	121,528

Operations at Report Time	Operations Next 24 Hours	Daily Mud Cost	Mud Additive Cost To Date
Drilling ahead	Drill 7 7/8 production hole.	3,389	6,961

Operations Summary
pick BHA,tag cement @ 523'. pick up kelly, drill shoe track, drill formation from 628' to 808', service rig, drill from 808' to 1116', service rig, drill from 1116' to 1465'.

Depth Start (ftKB)	Depth End (ftKB)
628	1,465
Depth Start (TVD) (ftKB)	**Depth End (TVD) (ftKB)**
627	1,433
Target Formation	**Target Depth (ftKB)**
CR-6	6,476

Remarks
Fuel on hand= 5192 gals, fuel used= 556 gals.

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	60.0	Good	Good.

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	628	8 5/8	20 bbls to surface.

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	10:30	4.50	Trips	Pick up and orient directional tools. Trip in hole with BHA, tag cement @ 523'.
10:30	12:00	1.50	Drill Out Cement/Retainers	Make up kelly, drill cement and shoe track. Float @ 583' and shoe @ 628'.
12:00	14:30	2.50	Drilling	Drill formation with rotary and slides from 650' to 808'.
14:30	15:00	0.50	Lubricate Rig	Service rig, check fluids in dfraw works and mud pumps.
15:00	18:00	3.00	Drilling	Drill with rotary and slides from 808' to 992'.
18:00	21:00	3.00	Drilling	Drill with rotary and slides from 992' to 1116'.
21:00	21:30	0.50	Lubricate Rig	Service rig, inspect brake pads, pins and linkages.
21:30	06:00	8.50	Drilling	Drill with rotary and slides from 1116' to 1465'. 41 ft/hr avg, 65 rpm, 16 wob, 400 gpm.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Gel Base	06:00	725.0	9.50	40		23.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
6.000	12.000		6.0	2	7.0	1.0

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
8.0		99.0	300.000			

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
					187.0

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

BHA #2, Steerable

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
2	7 7/8in, M51655BC, M9262	--------	0.98

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
16/16/16/16/16	6,525.26	48	34.3

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	27.73							
1	NMDC	6	31.09							
1	Gap sub	6	5.61							
1	NMDC	6	30.36							
2	Drill Collar	6	58.77							
30	HWDP	4 1/2	921.83						9.651	
171	4" DP	4 1/2	5,408.87							
1	Kelly	4 1/2	40.00							

Daily Contacts

Job Contact	Mobile
James Marsh	435-828-1879
Tony Hardman	281-605-2080

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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost
Bicarbonate Soda	16.0	184.00
Defoamer	6.0	750.00
Engineer	1.0	450.00
Lignite	2.0	60.00
Maxgel	20.0	150.00
Rental	1.0	50.00
sack cement	20.0	164.00
Sawdust	20.0	90.00
Tax	1.0	241.00
Trucking	1.0	1,250.00

Job Supplies

Diesel Fuel, gal us

Supply Item Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
5,500.0	3,832.0	

Diesel Fuel Consumption

Date	Consumed
9/10/2011	126.0
9/11/2011	813.0
9/12/2011	949.0
9/13/2011	460.0
9/14/2011	366.0
9/15/2011	376.0
9/16/2011	371.0
9/17/2011	371.0

Berry Daily Drilling Report

Report Date: 9/2/2011
Report #: 4, DFS: 0.8
Depth Progress: 837

Well Name: LC FEE 16-16D-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	628.0	1,465.0	837.00	17.00	17.00	49.2	400

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
16	65	1,050.0	61	67	58		

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Deviation Surveys

<Description?>

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
0.00	9/1/2011		0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
635.00	4.04	196.85	634.47	-21.42	-6.49	0.71	0.64
697.00	4.84	187.89	696.29	-26.10	-7.48	1.27	1.70
758.00	5.58	161.61	757.04	-31.46	-6.90	3.53	4.05
820.00	6.94	144.56	818.68	-37.38	-3.77	8.39	3.69
881.00	9.76	143.33	879.03	-44.53	1.45	15.62	4.63
942.00	11.78	142.10	938.95	-53.59	8.37	25.07	3.33
1,003.00	13.97	140.25	998.41	-64.16	16.90	36.54	3.65
1,066.00	15.42	136.47	1,059.35	-76.08	27.53	50.43	2.76
1,129.00	16.96	134.10	1,119.85	-88.55	39.90	66.14	2.66
1,193.00	18.94	130.41	1,180.73	-101.78	54.51	84.22	3.57
1,256.00	20.21	126.63	1,240.10	-114.90	71.03	104.07	2.85
1,319.00	21.36	122.84	1,299.00	-127.62	89.41	125.54	2.81
1,383.00	23.12	119.86	1,358.24	-140.20	110.10	149.17	3.27
1,446.00	24.92	116.52	1,415.78	-152.28	132.71	174.46	3.58

Berry Daily Drilling Report

Report Date: 9/3/2011
Report #: 5, DFS: 1.8
Depth Progress: 982

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State	AFE Number	Total AFE Amount
43013506010000	SWSE Sec 16 T5S-R6W		Utah	C11 032009	
Spud Date	**Rig Release Date**	**KB-Ground Distance (ft)**	**Ground Elevation (ftKB)**	**Daily Cost**	**Cum Cost To Date**
9/1/2011 12:00:00 PM	9/17/2011 6:00:00 AM	14.00	6,612	38,431	159,959
Daily Mud Cost	**Mud Additive Cost To Date**				
4,628	11,589				
Depth Start (ftKB)	**Depth End (ftKB)**				
1,465	2,447				
Depth Start (TVD) (ftKB)	**Depth End (TVD) (ftKB)**				
1,433	2,298				
Target Formation	**Target Depth (ftKB)**				
CR-6	6,476				

Operations at Report Time
Building volume, weighting up drilling mud to 9.5p

Operations Next 24 Hours
Weight mud up and kill water flow, drill 7 7/8 production hole.

Operations Summary
Drill from 1465' to 1972', service rig, drill from 1972' to 2162', service rig, drill from 2162' to 2447. water flow found, shut in hydril bring mwt up to 9.5 ppg.

Remarks
Fuel on hand= 4450 gals, fuel used= 742 gals.

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	58.0	Good	Good.

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	628	8 5/8	20 bbls to surface.

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	15:00	9.00	Drilling	Drill with rotary and slides from 1465' to 1972'. 56 ft/hr avg. 65 rpm, 1440 psi.
15:00	15:30	0.50	Lubricate Rig	service rig, inspect brake pins, pads,and linkage.
15:30	18:00	2.50	Drilling	Drill with rotary and slides from 1972' to 2099'.
18:00	19:00	1.00	Drilling	Drill wit rotary and slides from 2099' to 2162'.
19:00	19:30	0.50	Lubricate Rig	Service rig, switch to #1lightplant, grease drivelines.
19:30	01:30	6.00	Drilling	Drill with rotary and slides from 2162' to 2447'.
01:30	06:00	4.50	Condition Mud & Circulate	circulate and condition mud, hole taking fluid @ 1690',(400 bbls in 12 hrs). Water flow @ 2289'. Picked up and shut hydril. Build volume and wieght up to 9.5 ppg.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Gel Base	06:00	1,780.0	9.60	48		23.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
6.000	12.000		5.0	2	9.0	1.0

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
8.0		99.0	300.000			

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
					247.0

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

BHA #2, Steerable

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
2	7 7/8in, M51655BC, M9262	-------	0.98

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
16/16/16/16/16	6,525.26	48	34.3

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	27.73							
1	NMDC	6	31.09							
1	Gap sub	6	5.61							
1	NMDC	6	30.36							
2	Drill Collar	6	58.77							
30	HWDP	4 1/2	921.83						9,651	
171	4" DP	4 1/2	5,408.87							
1	Kelly	4 1/2	40.00							

Daily Contacts

Job Contact	Mobile
James Marsh	435-828-1879
Tony Hardman	281-605-2080

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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost
Bar	40.0	640.00
Corrosion ring	1.0	100.00
Defoamer	17.0	2,125.00
Engineer	1.0	450.00
Lignite	4.0	120.00
Maxgel	40.0	300.00
Pallets	6.0	120.00
Poly plus	3.0	361.50
Rental	1.0	50.00
Shink wrap	6.0	120.00
Tax	1.0	241.00

Job Supplies

Diesel Fuel, gal us

Supply Item Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
5,500.0	3,832.0	

Diesel Fuel Consumption

Date	Consumed
9/10/2011	126.0
9/11/2011	813.0
9/12/2011	949.0
9/13/2011	460.0
9/14/2011	366.0
9/15/2011	376.0
9/16/2011	371.0
9/17/2011	371.0

Berry Daily Drilling Report

Report Date: 9/3/2011
Report #: 5, DFS: 1.8
Depth Progress: 982

Well Name: LC FEE 16-16D-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	1,465.0	2,447.0	1,819.00	18.50	35.50	53.1	400

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
18	65	1,250.0	70	84	58		

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Deviation Surveys

<Description?>

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
0.00	9/1/2011		0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
1,510.00	27.11	111.77	1,473.30	-163.72	158.32	202.38	4.72
1,605.00	27.55	108.52	1,557.70	-178.72	199.25	245.97	1.64
1,700.00	28.04	106.76	1,641.74	-192.14	241.47	290.25	1.01
1,795.00	27.33	106.15	1,725.86	-204.65	283.80	334.36	0.80
1,890.00	28.04	103.07	1,809.99	-215.76	326.50	378.37	1.68
1,985.00	29.44	99.20	1,893.29	-224.54	371.30	423.63	2.45
1,985.00	29.44	99.20	1,893.29	-224.54	371.30	423.63	2.45
2,080.00	29.35	98.15	1,976.06	-231.58	417.39	469.55	0.55
2,176.00	28.96	101.14	2,059.90	-239.40	463.49	515.73	1.57
2,270.00	28.43	102.19	2,142.36	-248.53	507.69	560.52	0.78
2,365.00	28.39	102.11	2,225.92	-258.04	551.88	605.43	0.06

Berry Daily Drilling Report

Report Date: 9/4/2011
Report #: 6, DFS: 2.5
Depth Progress: 0

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013506010000	SWSE Sec 16 T5S-R6W		Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
9/1/2011 12:00:00 PM	9/17/2011 6:00:00 AM	14.00	6,612

AFE Number	Total AFE Amount
C11 032009	

Daily Cost	Cum Cost To Date
44,355	204,314

Daily Mud Cost	Mud Additive Cost To Date
21,286	32,875

Depth Start (ftKB)	Depth End (ftKB)
2,447	2,447

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)
2,298	2,298

Target Formation	Target Depth (ftKB)
CR-6	6,476

Operations at Report Time
Building volume to 60 vis, 11.5 ppg.

Operations Next 24 Hours
Build volume, kill water flow, drill 7 7/8 production hole.

Operations Summary
Condition mud and circulate, close hydril, bring mwt to 9.5 ppg, pump 9.5 ppg mud down hole, water flow not contained, close hydril, build volume to 60 vis, 13.0 ppg. Open hydril, pump 13 ppg mud down hole, water flow slowed by approx. 1/4 %. close hydril, build volume to 60 vis and 13.0 ppg. Pump 13 ppg mud down hole, flow slowed by 1/4 %. Close hydril, build volume to 11.0 ppg.

Remarks
Fuel on hand= 4079 gals, fuel used= 371 gals.

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	55.0	Good	Good.

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	628	8 5/8	20 bbls to surface.

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	11:00	5.00	Condition Mud & Circulate	Shut in hydril, raise mwt to 9.5, circulate pits. pumped 9.5 mud down hole,water flow slowed to half, shut in well, raise mwt to 9.8 ppg.
11:00	12:00	1.00	Condition Mud & Circulate	Open hydril, pump 160 bbls 9.8 ppg,60 vis mud down hole. Diverted water reutrns to catch tank. Water flow was not contained. Closed hydril.
12:00	15:30	3.50	Condition Mud & Circulate	Fill pits, build mud to 60 vis and 13.0 ppg.
15:30	16:00	0.50	Condition Mud & Circulate	Open hydril, pump 13. ppg mud @ 50 stks, diverting water returns to catch tank. Water flow was slowed by approx 1/4%.
16:00	22:00	6.00	Condition Mud & Circulate	Closed hydril, build 160 bbls to 60 vis and 13.0 ppg.
22:00	23:00	1.00	Condition Mud & Circulate	open hydril, pump 13 ppg mud @ 50 stks, diverting watered returns to catch tank, water flow slowed by 1/2.
23:00	23:00		Condition Mud & Circulate	Closed hydril, build mud to 60 vis, 13 ppg.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Gel Base	06:00	2,449.0	11.10	51		23.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
6.000	12.000			2	8.0	1.0

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
5.0		99.0	600.000			

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
					285.0

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

BHA #2, Steerable

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
2	7 7/8in, M51655BC, M9262	--------	0.98

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
16/16/16/16/16	6,525.26	48	34.3

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	27.73							
1	NMDC	6	31.09							
1	Gap sub	6	5.61							
1	NMDC	6	30.36							

Daily Contacts

Job Contact	Mobile
James Marsh	435-828-1879
Tony Hardman	281-605-2080

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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost
Bar	880.0	14,080.00
Defoamer	2.0	250.00
Engineer	1.0	450.00
Fiber seal	55.0	907.50
Lignite	5.0	150.00
Maxgel	250.0	1,875.00
Pallets	18.0	360.00
polyswell	1.0	255.00
Rental	1.0	50.00
Sawdust	235.0	1,057.50
Shink wrap	18.0	360.00
Tax	1.0	241.00
Trucking	1.0	1,250.00

Job Supplies

Diesel Fuel, gal us

Supply Item Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
5,500.0	3,832.0	

Diesel Fuel Consumption

Date	Consumed
9/10/2011	126.0
9/11/2011	813.0
9/12/2011	949.0
9/13/2011	460.0
9/14/2011	366.0
9/15/2011	376.0
9/16/2011	371.0
9/17/2011	371.0

Berry Daily Drilling Report

Report Date: 9/4/2011
Report #: 6, DFS: 2.5
Depth Progress: 0

Well Name: LC FEE 16-16D-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
2	Drill Collar	6	58.77							
30	HWDP	4 1/2	921.83						9,651	
171	4" DP	4 1/2	5,408.87							
1	Kelly	4 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	2,447.0	2,447.0	1,819.00	0.00	35.50		400

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
18	65	1,250.0	70	84	58		

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Deviation Surveys

<Description?>

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
0.00	9/1/2011		0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Berry Daily Drilling Report

Report Date: 9/5/2011
Report #: 7, DFS: 3.5
Depth Progress: 0

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013506010000	SWSE Sec 16 T5S-R6W		Utah
Spud Date	**Rig Release Date**	**KB-Ground Distance (ft)**	**Ground Elevation (ftKB)**
9/1/2011 12:00:00 PM	9/17/2011 6:00:00 AM	14.00	6,612

AFE Number	Total AFE Amount
C11 032009	
Daily Cost	**Cum Cost To Date**
59,871	264,185
Daily Mud Cost	**Mud Additive Cost To Date**
28,194	61,069
Depth Start (ftKB)	**Depth End (ftKB)**
2,447	2,447
Depth Start (TVD) (ftKB)	**Depth End (TVD) (ftKB)**
2,298	2,298
Target Formation	**Target Depth (ftKB)**
CR-6	6,476

Operations at Report Time
Pumping high vis lcm sweeps to regain circulation.

Operations Next 24 Hours
Build high vis lcm mud, regain circulation, drill 7 7/8 production hole.

Operations Summary
Mix and pump 160 bbls high vis 9.5ppg 15% lcm sweeps down hole to regain circulation. Build volume in pits.

Remarks
Fuel on hand= 3801 gals, fuel used= 278 gals.

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	57.0	Good	Good.

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	628	8 5/8	20 bbls to surface.

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	07:30	1.50	Condition Mud & Circulate	Build mud up to 11 ppg, and 60 vis, and high LCM.
07:30	08:00	0.50	Condition Mud & Circulate	Pump high vis mud to kill water flow and restore circulation @ 1690'. Water flow killed, circulation not restored.
08:00	10:30	2.50	Condition Mud & Circulate	Build 160 bbls mud to 85 vis, 10ppg, high LCM content.
10:30	11:00	0.50	Trips	P.O.O.H 10 stands from 2447' to 1750'.
11:00	15:00	4.00	Condition Mud & Circulate	Bring mud up to 10ppg, 85 vis, high LCM content. Remove flow line and clean out hardened cement and replace valve.
15:00	15:30	0.50	Condition Mud & Circulate	Pumped 100 bbls high vis, 10 ppg mud, 50 % returns.
15:30	16:00	0.50	Trips	Trip in hole 5 stands, to 2067'.
16:00	19:30	3.50	Condition Mud & Circulate	Build mud to 9.5 ppg, 80 vis, LCM @ 12%.
19:30	20:30	1.00	Condition Mud & Circulate	Open hydril, pump high vis 9.5ppg mud @ 50 spm. Partial returns.
20:30	01:00	4.50	Condition Mud & Circulate	Close hydril, Transfer mud from cone tank, build vis to 60, 9.5 ppg, 12% LCM. Transfer 160 bbls mud from pits to cone tank.
01:00	03:30	2.50	Condition Mud & Circulate	Circulate pits acrossed hydril, wait for RNI truck to haul mud from Patterson 779.
03:30	05:00	1.50	Condition Mud & Circulate	Transfer 160 bbls mud from cone to pits. build lam to 15%. RNI truck brought water(instead of mud).
05:00	06:00	1.00	Condition Mud & Circulate	Open hydril, pump 160 bbls, 60 vis, 9.5ppg, 15% lcm mud down hole. Returns in 15 minutes of pump time. Hole taking 3 bbl/ minute.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Gel Base	06:00	2,449.0	9.50	80		23.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
6.000	12.000		10.0	2	7.0	1.0

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
10.0		99.0	300.000			

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
	400.0	400.0			285.0

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

BHA #2, Steerable

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
2	7 7/8in, M51655BC, M9262	-------	0.98

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
16/16/16/16/16	6,525.26	48	34.3

Daily Contacts

Job Contact	Mobile
James Marsh	435-828-1879
Tony Hardman	281-605-2080

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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost
Bar	1,250.0	20,000.00
Defoamer	8.0	1,000.00
Engineer	1.0	450.00
Lignite	5.0	150.00
Maxgel	220.0	1,650.00
Pallets	53.0	1,060.00
Poly plus	1.0	120.50
Rental	1.0	50.00
Sawdust	240.0	1,080.00
Shink wrap	53.0	1,060.00
Tax	1.0	241.00
Trucking	1.0	1,250.00
Walnut	5.0	82.50

Job Supplies

Diesel Fuel, gal us

Supply Item Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
5,500.0	3,832.0	

Diesel Fuel Consumption

Date	Consumed
9/10/2011	126.0
9/11/2011	813.0
9/12/2011	949.0
9/13/2011	460.0
9/14/2011	366.0
9/15/2011	376.0
9/16/2011	371.0
9/17/2011	371.0

Berry Daily Drilling Report

Well Name: LC FEE 16-16D-56

Report Date: 9/5/2011
Report #: 7, DFS: 3.5
Depth Progress: 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	27.73							
1	NMDC	6	31.09							
1	Gap sub	6	5.61							
1	NMDC	6	30.36							
2	Drill Collar	6	58.77							
30	HWDP	4 1/2	921.83						9,651	
171	4" DP	4 1/2	5,408.87							
1	Kelly	4 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	2,447.0	2,447.0	1,819.00	0.00	35.50		400

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
18	65	1,250.0	70	84	58		

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Deviation Surveys

<Description?>

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
0.00	9/1/2011		0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Berry Daily Drilling Report

Report Date: 9/6/2011
Report #: 8, DFS: 4.5
Depth Progress: 570

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State	AFE Number	Total AFE Amount
43013506010000	SWSE Sec 16 T5S-R6W		Utah	C11 032009	
Spud Date	**Rig Release Date**	**KB-Ground Distance (ft)**	**Ground Elevation (ftKB)**	**Daily Cost**	**Cum Cost To Date**
9/1/2011 12:00:00 PM	9/17/2011 6:00:00 AM	14.00	6,612	36,677	300,862
Operations at Report Time		**Operations Next 24 Hours**		**Daily Mud Cost**	**Mud Additive Cost To Date**
Drilling ahead		Drill 7 7/8/ production hole.		11,710	72,778
Depth Start (ftKB)				**Depth End (ftKB)**	
2,447				3,017	
Depth Start (TVD) (ftKB)				**Depth End (TVD) (ftKB)**	
2,298				2,805	
Target Formation				**Target Depth (ftKB)**	
CR-6				6,476	

Operations Summary
Build mud volume to 9.5 ppg, 60 vis, 15% lcm, circulate hole, trip in hole 3 stands, circulate high lcm mud, trip in hole 2 stands, circulte hole @ 110 spm, full returns, drill from 2447' to 2827', service rig, drill from 2827' to 3017'.

Remarks
Fuel on hand= 3245 gals, fuel used= 556 gals.

Weather	Temperature (°F)	Road Condition	Hole Condition
Cloudy	60.0	Good	Good.

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	628	8 5/8	20 bbls to surface.

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	11:30	5.50	Condition Mud & Circulate	Build 160 bbls, 65 vis, 9.5 ppg, 15% lcm. Transfer to cone tank. Fill pits, build 160 bbls mud to 65 vis, 9.5 ppg, 15% LCM.. Pump mud down hole to regain circulation. 75% circulation in first 10 minutes of circ time @ 50 spm, Mixed drilling paper, increased spm from 75 spm to 110 spm, full circulation.
11:30	12:00	0.50	Trips	Set kelly back, trip in hole 2 stands drill pipe, make up kelly.
12:00	12:30	0.50	Condition Mud & Circulate	Circulate hole @ 110 spm for 30 minutes with full returns.
12:30	13:00	0.50	Trips	Set kelly back and trip in hole 3 stands drill pipe to 2407'.
13:00	14:00	1.00	Condition Mud & Circulate	Make up kelly, circulate hole @ 110 spm with full returns, and no water flow.
14:00	18:00	4.00	Drilling	Drill with rotary and slides from 2247' to 2606'.
18:00	00:00	6.00	Drilling	Drill wit rotary and slides from 2606' to 2827'.
00:00	00:30	0.50	Lubricate Rig	Service rig, grease drive lines, check rotary table and draw works fluids.
00:30	06:00	5.50	Drilling	Drill with rotary and slides from 2827' to 3017'. 34.5 ft/hr avg. 18 wob, 65 rpm, 1200 psi.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Gel Base	06:00	2,449.0	9.50	60		23.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
6.000	12.000			2	7.0	1.0

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
10.0		99.0	300.000			

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
	320.0	320.0			285.0

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

BHA #2, Steerable

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
2	7 7/8in, M51655BC, M9262	-------	0.98

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
16/16/16/16/16	6,525.26	48	34.3

Daily Contacts

Job Contact	Mobile
James Marsh	435-828-1879
Mike Hancock	

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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost
Bar	240.0	3,840.00
cedar fiber	60.0	1,263.00
cotton seed hulls	20.0	390.00
Defoamer	22.0	2,750.00
drilling paper	10.0	145.00
Engineer	1.0	450.00
Lignite	12.0	360.00
Maxgel	171.0	1,282.50
Pallets	12.0	240.00
Poly plus	1.0	120.50
Rental	1.0	50.00
Sawdust	75.0	337.50
Shink wrap	12.0	240.00
Tax	1.0	241.00

Job Supplies

Diesel Fuel, gal us

Supply Item Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
5,500.0	3,832.0	

Diesel Fuel Consumption

Date	Consumed
9/10/2011	126.0
9/11/2011	813.0
9/12/2011	949.0
9/13/2011	460.0
9/14/2011	366.0
9/15/2011	376.0
9/16/2011	371.0
9/17/2011	371.0

Berry Daily Drilling Report

Well Name: LC FEE 16-16D-56

Report Date: 9/6/2011
Report #: 8, DFS: 4.5
Depth Progress: 570

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	27.73							
1	NMDC	6	31.09							
1	Gap sub	6	5.61							
1	NMDC	6	30.36							
2	Drill Collar	6	58.77							
30	HWDP	4 1/2	921.83						9,651	
171	4" DP	4 1/2	5,408.87							
1	Kelly	4 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	2,447.0	3,017.0	2,389.00	15.50	51.00	36.8	400

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
18	65	1,250.0	70	96	58		

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Deviation Surveys

<Description?>

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
0.00	9/1/2011		0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
2,461.00	28.13	101.75	2,310.48	-267.44	596.35	650.57	0.32
2,556.00	27.69	101.58	2,394.43	-276.43	639.90	694.71	0.47
2,651.00	26.89	100.70	2,478.85	-284.85	682.63	737.89	0.94
2,745.00	27.11	100.87	2,562.61	-292.83	724.55	780.16	0.25
2,841.00	27.02	101.22	2,648.09	-301.20	767.42	823.45	0.19
2,936.00	26.85	101.93	2,732.79	-309.83	809.58	866.16	0.38

Berry Daily Drilling Report

Report Date: 9/7/2011
Report #: 9, DFS: 5.5
Depth Progress: 665

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State	AFE Number	Total AFE Amount
43013506010000	SWSE Sec 16 T5S-R6W		Utah	C11 032009	
Spud Date	**Rig Release Date**	**KB-Ground Distance (ft)**	**Ground Elevation (ftKB)**	**Daily Cost**	**Cum Cost To Date**
9/1/2011 12:00:00 PM	9/17/2011 6:00:00 AM	14.00	6,612	34,709	335,571
Operations at Report Time		**Operations Next 24 Hours**		**Daily Mud Cost**	**Mud Additive Cost To Date**
Drilling ahead		Drill 7 7/8 production hole		7,675	80,453
Operations Summary				**Depth Start (ftKB)**	**Depth End (ftKB)**
Drill from 3017' to 3240', service rig, drill from 3240' to 3555', service rig, drill from 3555' to 3682'.				3,017	3,682
Remarks				**Depth Start (TVD) (ftKB)**	**Depth End (TVD) (ftKB)**
Fuel on hand= 2503 gals, fuel used=742 gals				2,805	3,427
Weather	**Temperature (°F)**	**Road Condition**	**Hole Condition**	**Target Formation**	**Target Depth (ftKB)**
Partly cloudy	55.0	Good	Good.	CR-6	6,476

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	628	8 5/8	20 bbls to surface.

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	13:00	7.00	Drilling	Drill with rotary and slides from 3017' to 3240'.
13:00	13:30	0.50	Lubricate Rig	Service rig, grease drivelines, check draw works and lightplant.
13:30	18:00	4.50	Drilling	Drill with rotary and slides from 3240' to 3397'. 65 rpm, 18 wob, 360 gpm.
18:00	00:00	6.00	Drilling	Drill with rotary and slides from 3397' to 3555'.
00:00	00:30	0.50	Lubricate Rig	Service rig, inspect brake pads, pins and linkage.
00:30	06:00	5.50	Drilling	Drill with rotary and slides from 3555' to 3682'.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Gel Base	06:00	3,200.0	9.60	62		23.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
6.000	12.000		6.0	2	7.0	1.0

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
10.0		99.0	300.000			

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
					328.0

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

BHA #2, Steerable

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
2	7 7/8in, M51655BC, M9262	-------	0.98

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
16/16/16/16/16	6,525.26	48	34.3

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	27.73							
1	NMDC	6	31.09							
1	Gap sub	6	5.61							
1	NMDC	6	30.36							
2	Drill Collar	6	58.77							
30	HWDP	4 1/2	921.83						9,651	
171	4" DP	4 1/2	5,408.87							
1	Kelly	4 1/2	40.00							

Daily Contacts

Job Contact	Mobile
James Marsh	435-828-1879
Mike Hancock	

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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost
Bar	90.0	1,440.00
cedar fiber	75.0	1,578.75
cotton seed hulls	85.0	1,657.50
Dap	10.0	335.00
Defoamer	5.0	625.00
drilling paper	25.0	362.50
Engineer	1.0	450.00
Lignite	3.0	90.00
Pallets	5.0	100.00
Rental	1.0	50.00
Sawdust	125.0	562.50
Shink wrap	5.0	100.00
Tax	1.0	241.00
Walnut	5.0	82.50

Job Supplies

Diesel Fuel, gal us

Supply Item Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
5,500.0	3,832.0	

Diesel Fuel Consumption

Date	Consumed
9/10/2011	126.0
9/11/2011	813.0
9/12/2011	949.0
9/13/2011	460.0
9/14/2011	366.0
9/15/2011	376.0
9/16/2011	371.0
9/17/2011	371.0

Berry Daily Drilling Report

Report Date: 9/7/2011
Report #: 9, DFS: 5.5
Depth Progress: 665

Well Name: LC FEE 16-16D-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	3,017.0	3,682.0	3,054.00	23.00	74.00	28.9	400

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
1	65	1,250.0	82	120	75		

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Deviation Surveys

<Description?>

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
0.00	9/1/2011		0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
3,031.00	25.84	101.84	2,817.92	-318.52	850.84	908.02	1.06
3,126.00	24.17	102.11	2,904.01	-326.85	890.12	947.90	1.76
3,221.00	21.93	102.53	2,991.42	-334.78	926.46	984.87	2.36
3,316.00	19.82	101.49	3,080.18	-341.83	959.56	1,018.49	2.25
3,410.00	19.38	99.47	3,168.74	-347.57	990.56	1,049.70	0.86
3,505.00	18.59	100.35	3,258.57	-352.89	1,021.00	1,080.24	0.88
3,600.00	18.11	100.61	3,348.74	-358.33	1,050.41	1,109.84	0.51

Berry Daily Drilling Report

Report Date: 9/8/2011
Report #: 10, DFS: 6.5
Depth Progress: 693

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State	AFE Number	Total AFE Amount
43013506010000	SWSE Sec 16 T5S-R6W		Utah	C11 032009	
Spud Date	**Rig Release Date**	**KB-Ground Distance (ft)**	**Ground Elevation (ftKB)**	**Daily Cost**	**Cum Cost To Date**
9/1/2011 12:00:00 PM	9/17/2011 6:00:00 AM	14.00	6,612	51,333	386,904
Operations at Report Time		**Operations Next 24 Hours**		**Daily Mud Cost**	**Mud Additive Cost To Date**
Drilling ahead		Drill 7 7/8 production hole.		9,488	89,941
Depth Start (ftKB)	**Depth End (ftKB)**				
3,682	4,375				
Depth Start (TVD) (ftKB)	**Depth End (TVD) (ftKB)**				
3,427	4,099				
Target Formation	**Target Depth (ftKB)**				
CR-6	6,476				

Operations Summary
Drill from 3682' to 3935', service rig, drill from 3935' to 4029', slip and cut drill line, drill from 4029' to 4188', service rig, drill from 4188' to 4375'.

Remarks
Fuel on hand= 1668 gals, fuel used=835 gals.

Weather	Temperature (°F)	Road Condition	Hole Condition
clear	56.0	Good	Good.

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	628	8 5/8	20 bbls to surface.

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	12:30	6.50	Drilling	Drill with rotary and slides from 3682' to 3935'.
12:30	13:00	0.50	Lubricate Rig	Service rig, grease blocks, swivel, drivelines, and rotary table.
13:00	16:00	3.00	Drilling	Drill with rotary and slides from 3935' to 4029'.
16:00	18:00	2.00	Cut Off Drilling Line	Lay down 2 jts drill pipe, hang blocks, slip and cut 480' drill line.
18:00	00:00	6.00	Drilling	Drill with rotary and slides from 4029' to 4188'.
00:00	00:30	0.50	Lubricate Rig	Service rig, check mud pumps, and lightplant.
00:30	06:00	5.50	Drilling	Drill with rotary slides from 4188' to 4375'.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Gel Base	06:00	3,900.0	9.60	51		24.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
7.000	12.000		5.0	2	7.0	1.0

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
10.0		99.0	500.000			

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
					369.0

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

BHA #2, Steerable

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
2	7 7/8in, M51655BC, M9262	-------	0.98

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
16/16/16/16/16	6,525.26	48	34.3

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	27.73							
1	NMDC	6	31.09							
1	Gap sub	6	5.61							
1	NMDC	6	30.36							
2	Drill Collar	6	58.77							
30	HWDP	4 1/2	921.83						9,651	
171	4" DP	4 1/2	5,408.87							
1	Kelly	4 1/2	40.00							

Daily Contacts

Job Contact	Mobile
James Marsh	435-828-1879
Mike Hancock	

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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost
Bar	160.0	2,560.00
cedar fiber	45.0	947.25
cotton seed hulls	60.0	1,170.00
Dap	25.0	837.50
Defoamer	2.0	250.00
drilling paper	30.0	435.00
Engineer	1.0	450.00
Lignite	4.0	120.00
Maxgel	50.0	375.00
Pallets	6.0	120.00
Rental	1.0	50.00
Sawdust	125.0	562.50
Shink wrap	6.0	120.00
Tax	1.0	241.00
Trucking	1.0	1,250.00

Job Supplies

Diesel Fuel, gal us

Supply Item Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
5,500.0	3,832.0	

Diesel Fuel Consumption

Date	Consumed
9/10/2011	126.0
9/11/2011	813.0
9/12/2011	949.0
9/13/2011	460.0
9/14/2011	366.0
9/15/2011	376.0
9/16/2011	371.0
9/17/2011	371.0

Berry Daily Drilling Report

Report Date: 9/8/2011
Report #: 10, DFS: 6.5
Depth Progress: 693

Well Name: LC FEE 16-16D-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	3,682.0	4,375.0	3,747.00	21.00	95.00	33.0	400

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
22	65	1,350.0	85	140	75		

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Deviation Surveys

<Description?>

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
0.00	9/1/2011		0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
3,695.00	17.53	100.87	3,439.18	-363.74	1,078.98	1,138.64	0.62
3,790.00	16.22	100.52	3,530.09	-368.86	1,106.07	1,165.95	1.38
3,885.00	15.12	99.12	3,621.56	-373.25	1,131.35	1,191.30	1.22
3,979.00	14.06	97.53	3,712.52	-376.69	1,154.78	1,214.60	1.21
4,074.00	12.88	96.22	3,804.91	-379.35	1,176.74	1,236.26	1.28
4,168.00	12.74	99.56	3,896.57	-382.21	1,197.38	1,256.73	0.80
4,262.00	12.30	101.13	3,988.33	-385.86	1,217.43	1,276.89	0.59
4,357.00	11.65	96.92	4,081.27	-388.97	1,236.88	1,296.31	1.15

Berry Daily Drilling Report

Report Date: 9/9/2011
Report #: 11, DFS: 7.4
Depth Progress: 664

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State	AFE Number	Total AFE Amount
43013506010000	SWSE Sec 16 T5S-R6W		Utah	C11 032009	
Spud Date	**Rig Release Date**	**KB-Ground Distance (ft)**	**Ground Elevation (ftKB)**	**Daily Cost**	**Cum Cost To Date**
9/1/2011 12:00:00 PM	9/17/2011 6:00:00 AM	14.00	6,612	51,353	438,257
Operations at Report Time		**Operations Next 24 Hours**		**Daily Mud Cost**	**Mud Additive Cost To Date**
Drilling ahead		Drill 7 7/8 hole to TD.		7,313	97,254
Depth Start (ftKB)				**Depth End (ftKB)**	
4,375				5,039	
Depth Start (TVD) (ftKB)				**Depth End (TVD) (ftKB)**	
4,099				4,756	
Target Formation				**Target Depth (ftKB)**	
CR-6				6,476	

Operations Summary
Drill with rotary and slides from 4375' to 4501', service rig, drill from 4501' to 4881'. service rig, drill from 4881' to 5039'.

Remarks
Fuel on hand= 1019 gals, fuel used= 649 gals.

Weather	Temperature (°F)	Road Condition	Hole Condition
		Good	Good.

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	628	8 5/8	20 bbls to surface.

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	10:30	4.50	Drilling	Drill with rotary and slides from 4375' to 4501'.
10:30	11:30	1.00	Lubricate Rig	Service rig, check #1 mud pump transmission. (trans not locking up)
11:30	17:30	6.00	Drilling	Drill from 4501' to 4722'.
17:30	23:30	6.00	Drilling	Drill with rotary and slides from 4722' to 4881'.
23:30	00:00	0.50	Lubricate Rig	Service rig, inspect brake pins, pads,and linkages.
00:00	05:30	5.50	Drilling	Drill with rotary and slides from 4881' to 5039'.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Gel Base	06:00	4,500.0	9.60	52		23.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
6.000	12.000			2	7.0	4.0

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
10.0		96.0	500.000			

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
					403.0

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

BHA #2, Steerable

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
2	7 7/8in, M51655BC, M9262	-------	0.98

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
16/16/16/16/16	6,525.26	48	34.3

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	27.73							
1	NMDC	6	31.09							
1	Gap sub	6	5.61							
1	NMDC	6	30.36							
2	Drill Collar	6	58.77							
30	HWDP	4 1/2	921.83						9,651	
171	4" DP	4 1/2	5,408.87							
1	Kelly	4 1/2	40.00							

Daily Contacts

Job Contact	Mobile
James Marsh	435-828-1879
Mike Hancock	

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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost
Bar	90.0	1,440.00
cedar fiber	45.0	947.25
cotton seed hulls	30.0	585.00
Dap	15.0	502.50
Defoamer	8.0	1,000.00
drilling paper	15.0	217.50
Engineer	1.0	450.00
Lignite	1.0	30.00
Maxgel	34.0	255.00
Pallets	3.0	60.00
Rental	1.0	50.00
Sawdust	50.0	225.00
Shink wrap	3.0	60.00
Tax	1.0	241.00
Trucking	1.0	1,250.00

Job Supplies

Diesel Fuel, gal us

Supply Item Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
5,500.0	3,832.0	

Diesel Fuel Consumption

Date	Consumed
9/10/2011	126.0
9/11/2011	813.0
9/12/2011	949.0
9/13/2011	460.0
9/14/2011	366.0
9/15/2011	376.0
9/16/2011	371.0
9/17/2011	371.0

Berry Daily Drilling Report

Report Date: 9/9/2011
Report #: 11, DFS: 7.4
Depth Progress: 664

Well Name: LC FEE 16-16D-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	4,375.0	5,039.0	4,411.00	23.00	118.00	28.9	400

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
22	65	1,350.0	91	140	75		

Q (g inj) (ft³/...	Motor RPM (rpm)	T (inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Deviation Surveys

<Description?>

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
0.00	9/1/2011		0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
4,451.00	10.72	98.68	4,173.48	-391.43	1,254.94	1,314.21	1.05
4,545.00	9.27	100.26	4,266.05	-394.10	1,271.03	1,330.31	1.57
4,640.00	8.13	101.05	4,359.96	-396.75	1,285.16	1,344.54	1.21
4,736.00	8.04	103.95	4,455.00	-399.67	1,298.34	1,357.96	0.44
4,831.00	6.89	105.53	4,549.20	-402.80	1,310.27	1,370.27	1.23
4,926.00	5.58	106.58	4,643.63	-405.64	1,320.19	1,380.58	1.38
5,021.00	4.44	108.35	4,738.27	-408.12	1,328.11	1,388.87	1.21

Berry Daily Drilling Report

Report Date: 9/10/2011
Report #: 12, DFS: 8.4
Depth Progress: 631

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State	AFE Number	Total AFE Amount
43013506010000	SWSE Sec 16 T5S-R6W		Utah	C11 032009	

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)	Daily Cost	Cum Cost To Date
9/1/2011 12:00:00 PM	9/17/2011 6:00:00 AM	14.00	6,612	42,146	480,403

Operations at Report Time	Operations Next 24 Hours	Daily Mud Cost	Mud Additive Cost To Date
Drilling ahead	Drill 7 7/8 production hole.	4,602	101,856

Operations Summary
Repair chain on right angle box. Drill f/5008' to 5166', service rig, drill f/5166' to 5481', service rig, drill f/5481' to 5670'.

Depth Start (ftKB)	Depth End (ftKB)
5,039	5,670
Depth Start (TVD) (ftKB)	**Depth End (TVD) (ftKB)**
4,756	5,386
Target Formation	**Target Depth (ftKB)**
CR-6	6,476

Remarks
Fuel on hand=2874 gal. Recieved 3000 gal.

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	54.0	Good	Good.

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	628	8 5/8	20 bbls to surface.

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	07:00	1.00	Repair Rig	Line up sprockets & repair front right angle box drive chain.
07:00	12:30	5.50	Drilling	Drill w/rotary & slides f/5008' to 5166'
12:30	13:00	0.50	Lubricate Rig	Service rig. Grease crown & swivel.
13:00	00:00	11.00	Drilling	Drill w/rotary & slides f/5166' to 5481'
00:00	00:30	0.50	Lubricate Rig	Service rig. Inspect brake & brake linkage.
00:30	06:00	5.50	Drilling	Drill w/rotary & slides f/5481' to 5670'

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
DAP/LSND	06:00	5,133.0	9.70	52		26.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
8.000	16.000		6.0	0	7.0	3.0

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
		97.0	500.000	80.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
					438.0

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

BHA #2, Steerable

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
2	7 7/8in, M51655BC, M9262	-------	0.98

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
16/16/16/16/16	6,525.26	48	34.3

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	27.73							
1	NMDC	6	31.09							
1	Gap sub	6	5.61							
1	NMDC	6	30.36							
2	Drill Collar	6	58.77							
30	HWDP	4 1/2	921.83						9,651	
171	4" DP	4 1/2	5,408.87							
1	Kelly	4 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	5,039.0	5,670.0	5,042.00	22.50	140.50	28.0	393

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
22	65	1,350.0	104	160	80		

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Daily Contacts

Job Contact	Mobile
Frank Doherty	970-623-7085
Mike Hancock	

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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost
Bar	95.0	1,520.00
cotton seed hulls	25.0	487.50
Dap	5.0	167.50
Defoamer	4.0	500.00
drilling paper	8.0	116.00
Engineer	1.0	450.00
Lignite	4.0	120.00
Maxgel	36.0	270.00
Pallets	5.0	100.00
polyswell	1.0	255.00
Rental	1.0	50.00
Sawdust	50.0	225.00
Shink wrap	5.0	100.00
Tax	1.0	241.00

Job Supplies

Diesel Fuel, gal us

Supply Item Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
5,500.0	3,832.0	

Diesel Fuel Consumption

Date	Consumed
9/10/2011	126.0
9/11/2011	813.0
9/12/2011	949.0
9/13/2011	460.0
9/14/2011	366.0
9/15/2011	376.0
9/16/2011	371.0
9/17/2011	371.0

Berry Daily Drilling Report

Report Date: 9/10/2011
Report #: 12, DFS: 8.4
Depth Progress: 631

Well Name: LC FEE 16-16D-56

Deviation Surveys
<Description?>

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
0.00	9/1/2011		0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
5,116.00	3.87	110.81	4,833.02	-410.41	1,334.60	1,395.75	0.63
5,211.00	3.64	115.46	4,927.82	-412.85	1,340.31	1,401.95	0.40
5,306.00	2.55	126.19	5,022.68	-415.39	1,344.74	1,406.96	1.29
5,399.00	2.42	126.54	5,115.59	-417.78	1,347.99	1,410.80	0.14
5,494.00	2.29	133.31	5,210.51	-420.28	1,350.98	1,414.44	0.32
5,588.00	2.46	137.44	5,304.43	-423.05	1,353.71	1,417.91	0.26

Berry Daily Drilling Report

Report Date: 9/11/2011
Report #: 13, DFS: 9.4
Depth Progress: 601

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State	AFE Number	Total AFE Amount
43013506010000	SWSE Sec 16 T5S-R6W		Utah	C11 032009	

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)	Daily Cost	Cum Cost To Date
9/1/2011 12:00:00 PM	9/17/2011 6:00:00 AM	14.00	6,612	28,726	509,129

Operations at Report Time	Operations Next 24 Hours	Daily Mud Cost	Mud Additive Cost To Date
Drilling ahead	Drill to TD 6500 +/-, circ, short trip to shoe, circ POOH f/logs and Log w/Halliburton	5,284	107,140

Depth Start (ftKB)	Depth End (ftKB)
5,670	6,271
Depth Start (TVD) (ftKB)	**Depth End (TVD) (ftKB)**
5,386	5,987
Target Formation	**Target Depth (ftKB)**
CR-6	6,476

Operations Summary
Drill w/rotary and slides f/5670' to 5859', service rig, drill w/rotary and slides f/5859' to 6144', service rig, drill w/rotary and slides f/6144' to 6271'.

Remarks
Fuel on hand 2061 gal fuel used 813 gal.

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	52.0	Good	Good.

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	628	8 5/8	20 bbls to surface.

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	12:00	6.00	Drilling	Drilling w/rotary f/5670' to 5859'
12:00	12:30	0.50	Lubricate Rig	Service Rig, Grease & inspect Drivelines.
12:30	00:00	11.50	Drilling	Drilling w/rotary and slides f/5859' to 6144'.
00:00	00:30	0.50	Lubricate Rig	Service Rig. Inspect brakes & brake Linkage.
00:30	06:00	5.50	Drilling	Drilling w/rotary and slides f/6144' to 6271'.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Dap/LSND	06:00	5,780.0	9.60	47		23.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
6.000	12.000		5.0	0	7.0	3.0

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
		97.0	500.000	80.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
					476.0

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

BHA #2, Steerable

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
2	7 7/8in, M51655BC, M9262	-------	0.98

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
16/16/16/16/16	6,525.26	48	34.3

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	27.73							
1	NMDC	6	31.09							
1	Gap sub	6	5.61							
1	NMDC	6	30.36							
2	Drill Collar	6	58.77							
30	HWDP	4 1/2	921.83						9,651	
171	4" DP	4 1/2	5,408.87							
1	Kelly	4 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	5,670.0	6,271.0	5,643.00	23.00	163.50	26.1	393

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
22	65	1,350.0	112	190	78		

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Daily Contacts

Job Contact	Mobile
Frank Doherty	970-623-7085
Mike Hancock	

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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost
Bar	45.0	720.00
cedar fiber	25.0	526.25
cotton seed hulls	15.0	292.50
Dap	20.0	670.00
Defoamer	9.0	1,125.00
drilling paper	7.0	101.50
Engineer	1.0	450.00
Lignite	6.0	180.00
Maxgel	25.0	187.50
Pallets	5.0	100.00
Rental	1.0	50.00
Sawdust	65.0	292.50
Shink wrap	5.0	100.00
Tax	1.0	241.00
Walnut	15.0	247.50

Job Supplies

Diesel Fuel, gal us

Supply Item Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
5,500.0	3,832.0	

Diesel Fuel Consumption

Date	Consumed
9/10/2011	126.0
9/11/2011	813.0
9/12/2011	949.0
9/13/2011	460.0
9/14/2011	366.0
9/15/2011	376.0
9/16/2011	371.0
9/17/2011	371.0

Berry Daily Drilling Report

Report Date: 9/11/2011
Report #: 13, DFS: 9.4
Depth Progress: 601

Well Name: LC FEE 16-16D-56

Deviation Surveys

<Description?>

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
0.00	9/1/2011		0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
5,683.00	2.72	147.37	5,399.33	-426.45	1,356.31	1,421.46	0.54
5,778.00	2.64	150.44	5,494.23	-430.26	1,358.60	1,424.85	0.17
5,873.00	2.68	157.83	5,589.13	-434.22	1,360.52	1,427.93	0.36
5,968.00	2.90	156.77	5,684.01	-438.48	1,362.31	1,430.99	0.24
6,063.00	3.08	164.60	5,778.88	-443.15	1,363.93	1,434.02	0.47
6,158.00	3.30	172.50	5,873.74	-448.32	1,364.97	1,436.66	0.52
6,253.00	2.64	171.80	5,968.61	-453.20	1,365.64	1,438.85	0.70

Berry Daily Drilling Report

Report Date: 9/12/2011
Report #: 14, DFS: 10.4
Depth Progress: 229

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State	AFE Number	Total AFE Amount
43013506010000	SWSE Sec 16 T5S-R6W		Utah	C11 032009	

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)	Daily Cost	Cum Cost To Date
9/1/2011 12:00:00 PM	9/17/2011 6:00:00 AM	14.00	6,612	27,230	536,359

Operations at Report Time	Operations Next 24 Hours	Daily Mud Cost	Mud Additive Cost To Date
Wait on Drawworks shaft to be repaired.	Install Drawworks powershaft, TIH, Circ, POOH, L/D Dir Tools, TIH, circ, LDDP.	4,193	111,333

Depth Start (ftKB)	Depth End (ftKB)
6,271	6,500
Depth Start (TVD) (ftKB)	**Depth End (TVD) (ftKB)**
5,987	
Target Formation	**Target Depth (ftKB)**
CR-6	6,476

Operations Summary

Drill f/6271' to 6366', Service rig, Drill f/6366' to 6500', Pump sweep and circulate to surface, trip out to 6257'. Install cir swedge and circulate @50 spm, while waiting on mechanic to replace Drawworks powershaft assembly. Remove shaft and haul to machine shop in Vernal.

Remarks

Fuel on hand=1112 gal, used 949 gal

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	52.0	Good	Good.

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	628	8 5/8	20 bbls to surface.

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	09:30	3.50	Drilling	Drill w/rotary and slides f/6271' to 6366'
09:30	10:00	0.50	Lubricate Rig	Service rig, grease swivel & blocks.
10:00	14:00	4.00	Drilling	Drill w/rotary & slides f/6366 to 6500' TD@14:00 hrs
14:00	15:00	1.00	Condition Mud & Circulate	Circulate to pump poly sweep to surface.
15:00	15:30	0.50	Trips	Trip out 6257' (install circ swedge and circ @50 spm)
15:30	06:00	14.50	Repair Rig	Wait on mechanic to replace bearing and seals from the drawworks powershaft assembly.Remove shaft and haul to machine shop in Vernal.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Dap/LSND	06:00	6,400.0	9.70	47		21.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
6.000	12.000		6.0	0	7.0	

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
		97.0	500.000	80.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
					511.0

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

BHA #2, Steerable

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
2	7 7/8in, M51655BC, M9262	-------	0.98

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
16/16/16/16/16	6,525.26	48	34.3

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	27.73							
1	NMDC	6	31.09							
1	Gap sub	6	5.61							
1	NMDC	6	30.36							
2	Drill Collar	6	58.77							
30	HWDP	4 1/2	921.83						9,651	
171	4" DP	4 1/2	5,408.87							
1	Kelly	4 1/2	40.00							

Daily Contacts

Job Contact	Mobile
Frank Doherty	970-623-7085
Mike Hancock	

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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost
cedar fiber	10.0	210.50
cotton seed hulls	10.0	195.00
Dap	20.0	670.00
Defoamer	14.0	1,750.00
drilling paper	10.0	145.00
Engineer	1.0	450.00
Lignite	5.0	150.00
Poly plus	2.0	241.00
Rental	1.0	50.00
Sawdust	20.0	90.00
Tax	1.0	241.00

Job Supplies

Diesel Fuel, gal us

Supply Item Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
5,500.0	3,832.0	

Diesel Fuel Consumption

Date	Consumed
9/10/2011	126.0
9/11/2011	813.0
9/12/2011	949.0
9/13/2011	460.0
9/14/2011	366.0
9/15/2011	376.0
9/16/2011	371.0
9/17/2011	371.0

Berry Daily Drilling Report

Report Date: 9/12/2011
Report #: 14, DFS: 10.4
Depth Progress: 229

Well Name: LC FEE 16-16D-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	6,271.0	6,500.0	5,872.00	7.50	171.00	30.5	393

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
22	65	1,350.0	116	192	86		

Q (g inj) (ft³/...	Motor RPM (rpm)	T (inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Deviation Surveys

<Description?>

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
0.00	9/1/2011		0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
6,348.00	2.42	173.03	6,063.52	-457.35	1,366.19	1,440.71	0.24
6,450.00	2.37	173.87	6,165.43	-461.59	1,366.68	1,442.52	0.06

Berry Daily Drilling Report

Report Date: 9/13/2011
Report #: 15, DFS: 11.4
Depth Progress: 0

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013506010000	SWSE Sec 16 T5S-R6W		Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
9/1/2011 12:00:00 PM	9/17/2011 6:00:00 AM	14.00	6,612

Operations at Report Time	Operations Next 24 Hours
Wait on Drawworks shaft to be repaired.	Install Drawworks Powershaft, TIH, Circ, POOH, L/D Dir Tools, TIH, Circ,LDDP.

Operations Summary
W/O Mechanic to repair Drawworks Powershaft Assembly.

Remarks
Fuel on hand=3152 gal. Fuel used 460 gal. Recieved 2500 gal.

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	52.0	Good	Good.

AFE Number	Total AFE Amount
C11 032009	

Daily Cost	Cum Cost To Date
41,869	578,228

Daily Mud Cost	Mud Additive Cost To Date
	111,333

Depth Start (ftKB)	Depth End (ftKB)
6,500	6,500

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)

Target Formation	Target Depth (ftKB)
CR-6	6,476

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	628	8 5/8	20 bbls to surface.

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	00:30	18.50	Repair Rig	W/O Mechanic. Inspect Drawworks Chains, Drive lines, Sprockets & Bearings.Replaced main winch wire rope line (300')
00:30	01:30	1.00	Repair Rig	Mechanic arrived and attempted to install the #5011coupler that connects the Drawworks power shaft to the right angle box, the shaft was machined to small and had to be sent back to the machine shop in Vernal.
01:30	06:00	4.50	Repair Rig	W/O Mechanic to repair Powershaft assembly. Go thru both pumps & Prepare #1 pump for transmission replacment. (Transmission will not stay in lock-up)

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Dap/LSND	06:00	6,400.0	9.70	47		21.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
6.000	12.000		6.0	0	7.0	

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
		97.0	500.000	80.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
					511.0

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

BHA #2, Steerable

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
2	7 7/8in, M51655BC, M9262	-------	0.98

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
16/16/16/16/16	6,525.26	48	34.3

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	27.73							
1	NMDC	6	31.09							
1	Gap sub	6	5.61							
1	NMDC	6	30.36							
2	Drill Collar	6	58.77							
30	HWDP	4 1/2	921.83						9,651	
171	4" DP	4 1/2	5,408.87							
1	Kelly	4 1/2	40.00							

Daily Contacts

Job Contact	Mobile
Frank Doherty	970-623-7085
Mike Hancock	

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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost

Job Supplies

Diesel Fuel, gal us

Supply Item Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
5,500.0	3,832.0	

Diesel Fuel Consumption

Date	Consumed
9/10/2011	126.0
9/11/2011	813.0
9/12/2011	949.0
9/13/2011	460.0
9/14/2011	366.0
9/15/2011	376.0
9/16/2011	371.0
9/17/2011	371.0

Berry Daily Drilling Report

Report Date: 9/14/2011
Report #: 16, DFS: 12.4
Depth Progress: 0

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State	AFE Number	Total AFE Amount
43013506010000	SWSE Sec 16 T5S-R6W		Utah	C11 032009	
Spud Date	**Rig Release Date**	**KB-Ground Distance (ft)**	**Ground Elevation (ftKB)**	**Daily Cost**	**Cum Cost To Date**
9/1/2011 12:00:00 PM	9/17/2011 6:00:00 AM	14.00	6,612	27,430	605,658
Operations at Report Time		**Operations Next 24 Hours**		**Daily Mud Cost**	**Mud Additive Cost To Date**
POOH to laydown dir tools.		Trip back to Btm, Circ, L/D Drill string, Log, Run casing			111,333
				Depth Start (ftKB)	**Depth End (ftKB)**
				6,500	6,500
				Depth Start (TVD) (ftKB)	**Depth End (TVD) (ftKB)**
				Target Formation	**Target Depth (ftKB)**
				CR-6	6,476

Operations Summary
W/O Mechanics. Howcroft Mechanics arrived @15:00hrs to install shaft and function test. Trip out to L/D Dir tools, work tight hole @ 1648', continue to trip out.

Remarks
Fuel on hand 2786 gal, fuel used 366 gal.

Weather	Temperature (°F)	Road Condition	Hole Condition
Overcast	52.0	Good	Good.

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	628	8 5/8	20 bbls to surface.

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	15:00	9.00	Repair Rig	W/O Howcroft Mechanic to machine #5011 coupler and install on Power Shaft. Replace #1 pump Transmission with Smith Detroit. Tranny would not go into "Lock-up"
15:00	22:30	7.50	Repair Rig	Howcroft Mechanics on location @15:00 hrs to install Power Shaft Assembly, Chains, Guards and function test. During the function test the Powershaft Assembly appeared to function properly, but the Main Drum bearings that were replaced on 8/23/2011 had movement and will need replaced during rig move. (Tom Howcroft is aware of the issue and will have the parts Tomorrow.
22:30	23:30	1.00	Trips	Pick up kelly and pump 4 joints out while working tight hole.
23:30	02:30	3.00	Trips	Trip out to lay down Directional tools.(tag bridge at 1648')
02:30	04:30	2.00	Reaming	Pick up kelly and Work tight hole @ 1650'-to1600' (backream out of hole)
04:30	06:00	1.50	Trips	Set back kelly and continue trip out of hole.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Dap/LSND	06:00	6,400.0	9.70	47		21.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
6.000	12.000		6.0	0	7.0	

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
		97.0	500.000	80.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
					511.0

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

BHA #2, Steerable

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
2	7 7/8in, M51655BC, M9262	--------	0.98

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
16/16/16/16/16	6,525.26	48	34.3

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	27.73							
1	NMDC	6	31.09							
1	Gap sub	6	5.61							

Daily Contacts

Job Contact	Mobile
Frank Doherty	970-623-7085
Mike Hancock	

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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost

Job Supplies

Diesel Fuel, gal us

Supply Item Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
5,500.0	3,832.0	

Diesel Fuel Consumption

Date	Consumed
9/10/2011	126.0
9/11/2011	813.0
9/12/2011	949.0
9/13/2011	460.0
9/14/2011	366.0
9/15/2011	376.0
9/16/2011	371.0
9/17/2011	371.0

Berry Daily Drilling Report

Report Date: 9/14/2011
Report #: 16, DFS: 12.4
Depth Progress: 0

Well Name: LC FEE 16-16D-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
1	NMDC	6	30.36							
2	Drill Collar	6	58.77							
30	HWDP	4 1/2	921.83						9,651	
171	4" DP	4 1/2	5,408.87							
1	Kelly	4 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	6,500.0	6,500.0	5,872.00	0.00	171.00		393

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
22	65	1,350.0	116	192	86		

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Deviation Surveys

<Description?>

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
0.00	9/1/2011		0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Berry Daily Drilling Report

Report Date: 9/15/2011
Report #: 17, DFS: 13.4
Depth Progress:

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State	AFE Number	Total AFE Amount
43013506010000	SWSE Sec 16 T5S-R6W		Utah	C11 032009	
Spud Date	**Rig Release Date**	**KB-Ground Distance (ft)**	**Ground Elevation (ftKB)**	**Daily Cost**	**Cum Cost To Date**
9/1/2011 12:00:00 PM	9/17/2011 6:00:00 AM	14.00	6,612	40,353	646,011
Operations at Report Time		**Operations Next 24 Hours**		**Daily Mud Cost**	**Mud Additive Cost To Date**
Rig down Loggers.		Run 5 1/2" Csg, Cement, Set Slips, Rig Down.		3,069	114,401
Operations Summary				**Depth Start (ftKB)**	**Depth End (ftKB)**
Finish L/D Dir Tools, TIH, W&R 200' to Btm, Circulate Sweep, L/D Drill String & Break Kelly, R/U Loggers and Log.				6,500	6,500
				Depth Start (TVD) (ftKB)	**Depth End (TVD) (ftKB)**
					0
Remarks				**Target Formation**	**Target Depth (ftKB)**
Fuel on hand 2410 gal. Fuel used=376 gal.				CR-6	6,476
Weather	**Temperature (°F)**	**Road Condition**	**Hole Condition**		
Clear	50.0	Good	Good.		

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	628	8 5/8	20 bbls to surface.

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	07:00	1.00	Trips	L/D Directional tools.
07:00	12:00	5.00	Trips	M/U Bit and bit sub, TIH to L/D Drilling Assembly. Fill pipe at 2500'
12:00	14:30	2.50	Reaming	W/R f/6305' to 6500'
14:30	16:00	1.50	Condition Mud & Circulate	Circulate to pump Hi-Vis sweep and pill.
16:00	00:00	8.00	LD Drillpipe	Held PJSM w/ Kimzy. L/D Drill Pipe. Break Kelly. L/D BHA.
00:00	06:00	6.00	Wire Line Logs	Held PJSM w/Halliburton Loggers. Rig up logging equipment. Loggers depth=6490' Ran Borehole volume plot, Spectral Density, Dual Space Density,Dual Spaced Neutron, Array Induction Compensated, and True Resistivity logs.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Dap/LSND	11:30	6,500.0	9.70	47		23.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
6.000	12.000		6.0	0	7.0	

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
		97.0	500.000	80.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
					516.0

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

BHA #2, Steerable

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
2	7 7/8in, M51655BC, M9262	-------	0.98

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
16/16/16/16/16	6,525.26	48	34.3

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	27.73							
1	NMDC	6	31.09							
1	Gap sub	6	5.61							
1	NMDC	6	30.36							
2	Drill Collar	6	58.77							
30	HWDP	4 1/2	921.83						9,651	
171	4" DP	4 1/2	5,408.87							
1	Kelly	4 1/2	40.00							

Daily Contacts

Job Contact	Mobile
Frank Doherty	970-623-7085
Mike Hancock	

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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost
Bar	120.0	1,920.00
Dap	5.0	167.50
Engineer	1.0	450.00
Lignite	3.0	90.00
Pallets	5.0	100.00
Shink wrap	5.0	100.00
Tax	1.0	241.00

Job Supplies

Diesel Fuel, gal us

Supply Item Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
5,500.0	3,832.0	

Diesel Fuel Consumption

Date	Consumed
9/10/2011	126.0
9/11/2011	813.0
9/12/2011	949.0
9/13/2011	460.0
9/14/2011	366.0
9/15/2011	376.0
9/16/2011	371.0
9/17/2011	371.0

Berry Daily Drilling Report

Report Date: 9/16/2011
Report #: 18, DFS: 14.4
Depth Progress:

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State	AFE Number	Total AFE Amount
43013506010000	SWSE Sec 16 T5S-R6W		Utah	C11 032009	
Spud Date	**Rig Release Date**	**KB-Ground Distance (ft)**	**Ground Elevation (ftKB)**	**Daily Cost**	**Cum Cost To Date**
9/1/2011 12:00:00 PM	9/17/2011 6:00:00 AM	14.00	6,612	37,322	683,333
Operations at Report Time		**Operations Next 24 Hours**		**Daily Mud Cost**	**Mud Additive Cost To Date**
Wait on cement		Kill water flow, set csg slips, tear down and mob.		2,820	117,221
Operations Summary				**Depth Start (ftKB)**	**Depth End (ftKB)**
Run 157 joints of 5 1/2" csg, Circulate casing, rig up cementers and pump cement, wait on cement.				6,500	6,500
Remarks				**Depth Start (TVD) (ftKB)**	**Depth End (TVD) (ftKB)**
Fuel on hand 2039 gal, fuel used371 gal				0	0
Weather	**Temperature (°F)**	**Road Condition**	**Hole Condition**	**Target Formation**	**Target Depth (ftKB)**
clear	50.0	Good	Good.	CR-6	6,476

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Production	6,476	5 1/2	No Cement to surface

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	13:30	7.50	Run Casing & Cement	Held PJSM w/Kimzy Casing Service. Rig up casers to run 157 joints of 5 1/2" 15.50 J-55 LTC casing. M/U landing joint and land casing at 6476' Shoe@6476' MD FC@6432' MD Marker Joint@3500' MD
13:30	15:00	1.50	Condition Mud & Circulate	Circulate casing while rigging down Kimzy casers & L/D Machine.
15:00	17:30	2.50	Run Casing & Cement	Held PJSM w/Pro Petro Cementers. Rig up cementers and pump, 10bbls Fresh water spacer-20 bbls mud flush-10bbls fresh water spacer. Lead cement: 220 sx.11#/gal Premium type v cmt 100% (BWOC)Gel-16%(BWOC) Gilsonite- .10#sx GR3-3% Salt (BWOC) 1/4#/sx Flocele. yeild 3.82 Tail Cement: 430 sx. Premium class G Cmt 65% (BWOW) 35% Poz-6% Gel-10#sx. Gilsonite-2% CD133-.2% CFL 175-10% Salt (BWOW) 1/4#/sx Flocele. Yeild 1.70 . 13.1 ppg. Displaced w/152.3 bbls. 2% KCL Bumped plug@ 16:10 w/525 psi. FCP=2025 No cement to surface.
17:30	06:00	12.50	Wait on Cement	30 minutes after bumping the plug the well started flowing 5 gal/min. Shut well in and wait on cement. Continue rigging down rotary tools.
06:00	06:00		inactive	

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/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

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...

Daily Contacts

Job Contact	Mobile
Frank Doherty	970-623-7085
Mike Hancock	

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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost
Bar	120.0	1,920.00
Duragel	60.0	900.00

Job Supplies

Diesel Fuel, gal us

Supply Item Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
5,500.0	3,832.0	

Diesel Fuel Consumption

Date	Consumed
9/10/2011	126.0
9/11/2011	813.0
9/12/2011	949.0
9/13/2011	460.0
9/14/2011	366.0
9/15/2011	376.0
9/16/2011	371.0
9/17/2011	371.0

Berry Daily Drilling Report

Report Date: 9/17/2011
Report #: 19, DFS: 15.4
Depth Progress:

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State	AFE Number	Total AFE Amount
43013506010000	SWSE Sec 16 T5S-R6W		Utah	C11 032009	
Spud Date	**Rig Release Date**	**KB-Ground Distance (ft)**	**Ground Elevation (ftKB)**	**Daily Cost**	**Cum Cost To Date**
9/1/2011 12:00:00 PM	9/17/2011 6:00:00 AM	14.00	6,612	29,895	713,228
Operations at Report Time		**Operations Next 24 Hours**		**Daily Mud Cost**	**Mud Additive Cost To Date**
Loading rig on howcroft trucks.		Mobilize to Fed 2-1D-65		90	117,311
Operations Summary				**Depth Start (ftKB)**	**Depth End (ftKB)**
WOC, build 75 bbls 13.0 ppg kill mud and pump thru kill line, wait on cementers, squeeze 15.8# cement to kill water flow, wait on cement 2 hrs. nipple down bop & set casing slips, rig down.				6,500	6,500
				Depth Start (TVD) (ftKB)	**Depth End (TVD) (ftKB)**
				0	0
Remarks				**Target Formation**	**Target Depth (ftKB)**
Fuel on hand 1668 gal. Fuel used 371 gal.				CR-6	6,476
Weather	**Temperature (°F)**	**Road Condition**	**Hole Condition**		
overcast	48.0	Good	Good.		

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	08:00	2.00	Wait on Cement	Well flowing H20, close annular and wait on cement.SICP=125 psi.
08:00	13:00	5.00	Miscellaneous	Build 75 bbls of 13.0 lb/gal, 34 Vis, 15% Lcm kill mud and pumped thru kill line (Bullhead) @ 35 SPM. Total strokes 975. Maximum pressure was 275 psi. SICP dropped from 155 psi to 25 psi. Opened choke and checked for flow, well flowing 400 bbl/hr, close choke and wait for 15.8 cement slurry.
13:00	17:00	4.00	Miscellaneous	Wait on Pro Petro Cementers to blend and transport cement for squeeze job.
17:00	19:00	2.00	Squeeze Cement	Held PJSM w/Pro Petro. R/U cementers and squeeze 250 sx Premium cement, 2%Calcium Chloride, 1/4# sx Flocele. Wt 15.8 ppg. yeild 1.15. 5 gal/sx. Initial circ pressure 250 psi, Final circ pressure 750 psi.
19:00	21:00	2.00	Wait on Cement	Open choke valve and bleed pressure. "No flow" Open annular to Wash up Bop stack,valves and flowline. Close Annular, Pressure up to 500 psi and shut in for 2 hours.
21:00	01:00	4.00	NU/ND BOP	Open choke valve, bleed pressure, open annular and nipple down bop to set casing slips. Hang bop & set casing slips.Nipple down bop. Remove annular and send to Vernal for repair.
01:00	06:00	5.00	Rig Up & Tear Down	Tear down and prepare to mob rig 32miles to Fed 2-1D-65. Rig released @ 06:00 9/17/2011

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/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

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)

Daily Contacts

Job Contact	Mobile
Frank Doherty	970-623-7085
Mike Hancock	

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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	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)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost
Sawdust	20.0	90.00

Job Supplies

Diesel Fuel, gal us

Supply Item Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
5,500.0	3,832.0	

Diesel Fuel Consumption

Date	Consumed
9/10/2011	126.0
9/11/2011	813.0
9/12/2011	949.0
9/13/2011	460.0
9/14/2011	366.0
9/15/2011	376.0
9/16/2011	371.0
9/17/2011	371.0

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: FEE

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 FEE 16-16D-56

2. NAME OF OPERATOR:
BERRY PETROLEUM COMPANY

9. API NUMBER:
43013506010000

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:
1046 FSL 2110 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SWSE Section: 16 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		
✓ NOTICE OF INTENT Approximate date work will start: 9/19/2011	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Completion

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Approved by the Utah Division of Oil, Gas and Mining

Date: 10/06/2011

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Kathy K. Fieldsted	435 722-1325	Sr. Regulatory & Permitting Tech.

SIGNATURE	DATE
N/A	9/19/2011

Please Review Attached Conditions of Approval

RECEIVED Sep. 19, 2011

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43013506010000

Prior to drilling out plugs (procedural step # 15) and commingling production from the Green River and Wasatch formations, the requirements of rule R649-3-22 shall be met. A request should be submitted and approved prior to commingling.

RECEIVED Sep. 19, 2011

Berry Petroleum Company
1999 Broadway, Suite 3700
Denver, CO 80202

Main (303) 999-4400
Fax (303) 999-4401

www.bry.com

Date:	September 19, 2011
Well Name:	**LC Fee 16-16D-56**
API#:	43-013-50601
Location:	Sec 16-T5S-R6W
County, State:	Duchesne County, Utah
SHL:	1046 FSL & 2110 FEL
BHL:	681 FSL & 729 FEL
Elevations:	6626 ft KB; 6612 ft GL
RTD:	6500 ft
PBTD:	6432 ft; float collar
Surf Csg:	8 5/8" 24# J-55 @ 628 ft; cmt w/ 350 sks cmt
Prod Csg:	5 1/2" 15.5# J-55 @ 6476 ft; cmt w/ 220 sks lead & 430 sks tail
Mkr Jnts:	? ft
Tbg:	
SN:	
TOC:	

Wasatch Frac Procedure:

1. MIRU wireline unit. Perforate **Wasatch CR-6 f/ 6360 to 6631 ft & Wasatch CR-5 f/ 6181 to 6350 ft** w/ 2 spf, 120 deg phase, 19 gm charges, 0.36" EHD. See attached table. RD wireline off wellhead.
2. RU frac equip. Frac Stage 1 down 5 ½" csg per design (see attached table). Record ISIP. RD frac equip off wellhead.
3. RU wireline unit. Set CBP @ ~6170 ft. Perforate **Wasatch CR-4 f/ 5943 to 6162 ft** w/ 2 spf, 120 deg phase, 19 gm charges, 0.36" EHD. See attached table. RD wireline off wellhead.
4. RU frac equip. Frac Stage 2 down 5 ½" csg per design (see attached table). Record ISIP. RD frac equip off wellhead.
5. RU wireline unit. Set CBP @ ~5910 ft. Perforate **Wasatch CR-4 f/ 5827 to 5871 ft & Wasatch CR-3 f/ 5632 to 5817 ft** w/ 2 spf, 20 deg phase, 19 gm charges, 0.36" EHD. See attached table. RD wireline off wellhead.
6. RU frac equip. Frac Stage 3 down 5 ½" csg per design (see attached table). Record ISIP. RD frac equip off wellhead.
7. RU wireline unit. Set CBP @ ~5610 ft. Perforate **Wasatch CR-3 f/ 5523 to 5586 ft & Wasatch CR-2 f/ 5458 to 5497 ft** w/ 2 spf, 120 deg phase, 19 gm charges, 0.36" EHD. See attached table. RD wireline off wellhead.
8. RU frac equip. Frac Stage 4 down 5 ½" csg per design (see attached table). Record ISIP. RD frac equip off wellhead.
9. RU wireline unit. Set CBP @ ~5430 ft. Perforate **Wasatch CR-2 f/ 5331 to 5377 ft & Wasatch f/ 5180 to 5302 ft** w/ 2 spf, 120 deg phase, 19 gm charges, 0.36" EHD. See attached table. RD wireline off wellhead.
10. RU frac equip. Frac Stage 5 down 5 ½" csg per design (see attached table). Record ISIP. RD frac equip off wellhead.
11. RU wireline unit. Set CBP @ ~5160 ft. Perforate **Uteland Butte f/ 5032 to 5116 ft** w/ 2 spf, 120 deg phase, 19 gm charges, 0.36" EHD. See attached table. RD wireline off wellhead.
12. RU frac equip. Frac Stage 6 down 5 ½" csg per design (see attached table). Record ISIP. RD frac equip off wellhead.
13. RU wireline unit. Set kill CBP @ ~ 5000 ft.
14. RDMO wireline unit. RDMO frac equip. NU BOPE.
15. MIRU service unit. RU drlg equip and drill out CBP's and circulate clean to PBTD ft. **Run a pump off bit sub with the drilling bit.** Record fluid rates and pressures while cleaning out well. RD drlg equip.
16. If well flows, be prepared to run a production log.
17. RIH w/ tail joint, SN & tbg anchor on 2 7/8" tbg. Set EOT ~1 jt below btm perf. ND BOPE.
18. RIH w/ pump & rods. Seat pump, space out. Fill tbg & pressure test to 500 psi.
19. RDMO service unit.
20. Start well pumping.

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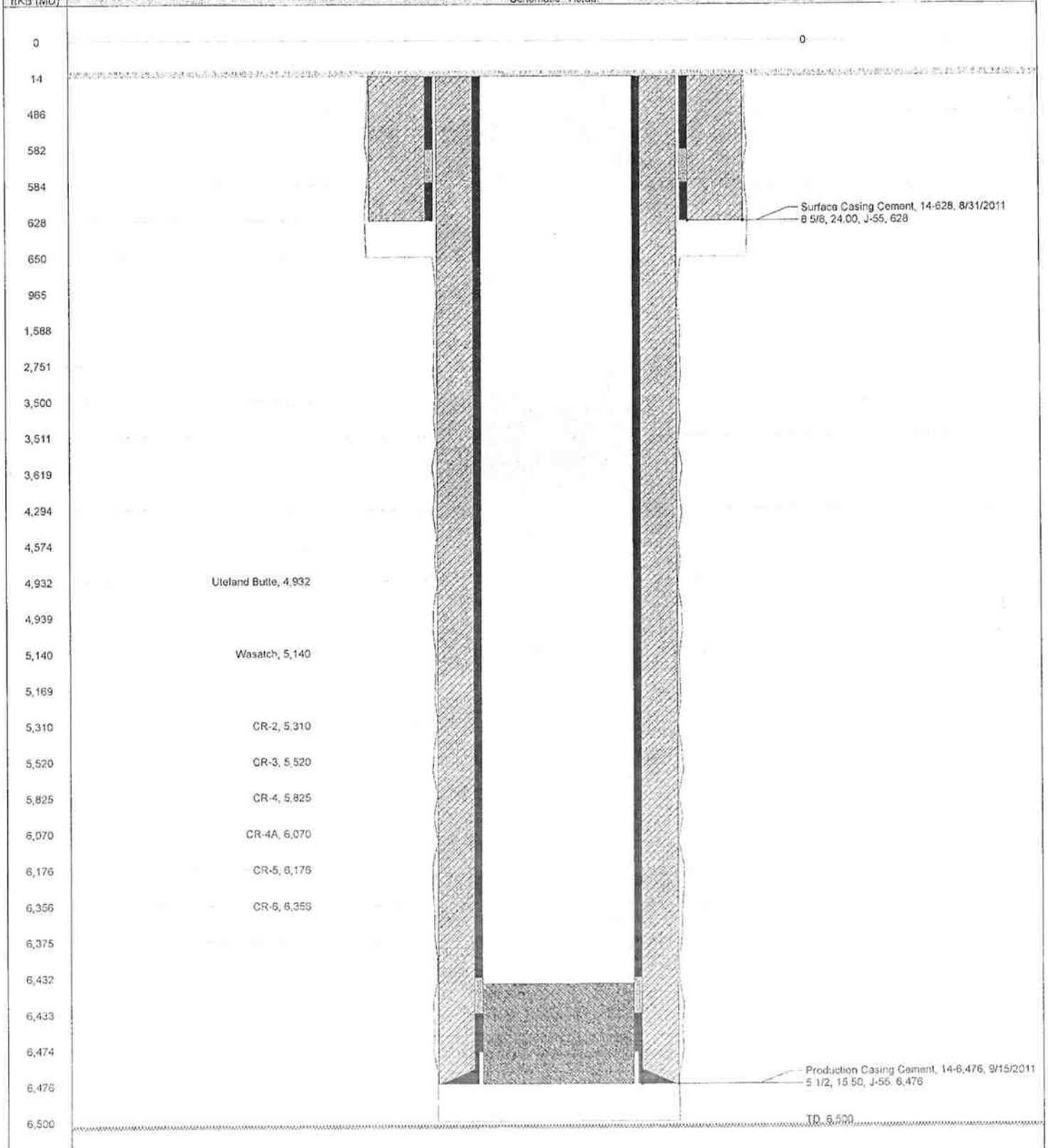
Uinta Wellbore Schematic

LC FEE 16-16D-56

API/UWI	Surface Legal Location	APD State	Field Name
43013506010000	SWSE Sec 16 T5S-R6W	Utah	Lake Canyon

Spud Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
9/1/2011	14.00	6,612

Well Config: - Original Hole, 9/19/2011 6:56:42 AM
Schematic - Actual



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LC Tribal 16-16D-56

9/15/2011

Stage	Stage Top	Stage Bmt	Zone	Top	Bottom	Feet	SPF	Total Holes	Stage Holes	Gross Interval Thickness (ft)	Net Perfed Thickness (ft)	Net Pay *GR<80 API* (ft)	Acid Volume *(100 gals per hole)*	Sand Volume *(3000 lbs per net pay)*
1	6,181	6,361	CR-6	6,360	6,361	1	2	2						
1			CR-5	6,348	6,350	2	2	4						
1			CR-5	6,334	6,335	1	2	2						
1			CR-5	6,305	6,306	1	2	2						
1			CR-5	6,296	6,297	1	2	2						
1			CR-5	6,267	6,269	2	2	4						
1			CR-5	6,262	6,264	2	2	4						
1			CR-5	6,250	6,251	1	2	2						
1			CR-5	6,217	6,218	1	2	2						
1			CR-5	6,181	6,183	2	2	4	28	180	14	36	2,800	72,000
2	5,943	6,162	CR-4A	6,161	6,162	1	2	2						
2			CR-4A	6,154	6,155	1	2	2						
2			CR-4A	6,148	6,149	1	2	2						
2			CR-4A	6,130	6,131	1	2	2						
2			CR-4A	6,116	6,117	1	2	2						
2			CR-4A	6,098	6,099	1	2	2						
2			CR-4A	6,075	6,077	2	2	4						
2			CR-4	6,053	6,054	1	2	2						
2			CR-4	6,034	6,035	1	2	2						
2			CR-4	6,028	6,029	1	2	2						
2			CR-4	6,021	6,022	1	2	2						
2			CR-4	6,015	6,016	1	2	2						
2			CR-4	5,994	5,995	1	2	2						
2			CR-4	5,984	5,986	2	2	4						
2			CR-4	5,962	5,963	1	2	2						
2			CR-4	5,956	5,957	1	2	2						
2			CR-4	5,943	5,944	1	2	2	38	219	19	66	3,800	132,000
3	5,632	5,871	CR-4	5,870	5,871	1	2	2						
3			CR-4	5,836	5,838	2	2	4						
3			CR-4	5,827	5,828	1	2	2						
3			CR-3	5,816	5,817	1	2	2						
3			CR-3	5,795	5,798	3	2	6						
3			CR-3	5,776	5,777	1	2	2						
3			CR-3	5,763	5,765	2	2	4						
3			CR-3	5,750	5,752	2	2	4						
3			CR-3	5,734	5,736	2	2	4						
3			CR-3	5,723	5,724	1	2	2						
3			CR-3	5,713	5,714	1	2	2						
3			CR-3	5,700	5,702	2	2	4						
3			CR-3	5,689	5,690	1	2	2						
3			CR-3	5,653	5,654	1	2	2						
3			CR-3	5,632	5,633	1	2	2	44	239	22	64	4,400	128,000
4	5,458	5,586	CR-3	5,585	5,586	1	2	2						
4			CR-3	5,572	5,573	1	2	2						
4			CR-3	5,552	5,553	1	2	2						
4			CR-3	5,540	5,541	1	2	2						
4			CR-3	5,523	5,525	2	2	4						
4			CR-2	5,496	5,497	1	2	2						
4			CR-2	5,490	5,491	1	2	2						
4			CR-2	5,481	5,483	2	2	4						
4			CR-2	5,466	5,467	1	2	2						
4			CR-2	5,458	5,459	1	2	2	24	128	12	43	2,400	86,000
5	5,180	5,377	CR-2	5,376	5,377	1	2	2						
5			CR-2	5,346	5,347	1	2	2						
5			CR-2	5,331	5,333	2	2	4						
5			Wasatch	5,300	5,302	2	2	4						
5			Wasatch	5,287	5,288	1	2	2						
5			Wasatch	5,241	5,242	1	2	2						
5			Wasatch	5,223	5,224	1	2	2						
5			Wasatch	5,208	5,210	2	2	4						
5			Wasatch	5,190	5,191	1	2	2						
5			Wasatch	5,180	5,181	1	2	2	26	197	13	36	2,600	72,000
6	5,032	5,116	Uteland Butte	5,114	5,116	2	2	4						
6			Uteland Butte	5,095	5,097	2	2	4						
6			Uteland Butte	5,081	5,082	1	2	2						
6			Uteland Butte	5,050	5,052	2	2	4						
6			Uteland Butte	5,041	5,042	1	2	2						
6			Uteland Butte	5,032	5,035	3	2	6	22	84	11	40	2,200	80,000
Totals									182	1,047	91	285	18,200	570,000

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MAVERICK
STIMULATION COMPANY, LLC
88 INVERNESS CIRCLE EAST, STE. G-101 · ENGLEWOOD, CO 80112 · PH (303) 757-7789 · FAX (303) 757-7610

BERRY PETROLEUM
LC TRIBAL 16-16D-56
DUCHESNE, UTAH
SEC. 16- T5S- R6W

6 STAGES
570,000 LBS 16/30 SAND
18,200 gal HCL
273 Ballsealers

Prepared for SUSAN SEARS
1999 BROADWAY, SUITE 3700
Denver, Colorado 80202
(303) 999-4400

Prepared by JOE SANDERS
(303) 757-7789 EXT 107

Service Point - Ft Morgan, Colorado
Contact: Tim Anderson
(970) 867-2766

9/19/2011

Filename - BERRY LC TRIBAL 16-16D-56 6 STAGE 570K SAND 18200 ACID W-273 BALLSEALERS 091611 EMAIL.xls
File Location - C:\Documents and Settings\sms\Local Settings\Temporary Internet Files\Content.Outlook\ZLQP46NS\
Created with StimProp Complete - Version 2.02 02.15.2011

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9/16/2011

Susan Sears
Berry Petroleum
1999 Broadway, Suite 3700
Denver, Colorado 80202

Thank you for the opportunity to present the following treatment proposal. This recommendation is submitted for your consideration.

Well Data

Casing: 5 1/2 in 17 lb/ft, J-55
Tubing:

Stage Info	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
Formation:	CR-6 & CR-5	CR-4A & CR-4	CR -4 & CR-3	CR-3 & CR2	CR-2 & WASATCH	UTELAND BUTTE
Packer/EOT Depth:						
TVD (For Deviated Wellbore):						
Perf #1 - Top:	6,181	5,943	5,632	5,458	5,180	5,032
Btm:	6,361	6,162	5,871	5,586	5,377	5,116
SPF:	2	2	2	2	2	2
Perf #2 - Top:						
Btm:						
SPF:						
Perf #3 - Top:						
Btm:						
SPF:						
Perf #4 - Top:						
Btm:						
SPF:						
Perf #5 - Top:						
Btm:						
SPF:						
Total Shots:	28	38	44	24	26	22
Perf Diameter:	0.36	0.36	0.36	0.36	0.36	0.36
Bht (deg F.):	162.878	158.945	153.527	149.396	145.013	141.332
Estimated Frac Gradient:	0.85	0.85	0.85	0.85	0.85	0.85

Treatment Summary

Primary Fluid SpGr:	1.01	1.01	1.01	1.01	1.01	
Treat Via:	Casing	Casing	Casing	Casing	Casing	Casing
Primary Fluid Type:	MavFrac	MavFrac	MavFrac	MavFrac	MavFrac	MavFrac
CO2 (y/n):	N	N	N	N	N	N
Estimated Treat psi:	3,570	3,280	3,060	3,330	3,100	3,210
Estimated Perf Fric (psi):	360	195	146	489	417	582
Acid Volume (gls):	2,800	3,800	4,400	2,400	2,600	2,200
Total Clean Fluid/Foam (gls):	34,100	62,100	60,233	40,633	34,100	51,500
Pad Volume (gls):	13,940	25,140	24,393	16,553	13,940	17,500
SLF Volume (gls):	20,160	36,960	35,840	24,080	20,160	34,000
Estimated Flush Volume (gls):	12,542	12,105	11,503	11,044	10,557	10,148
Proppant Volume (lbs):	72,000	132,000	128,000	86,000	72,000	80,000
Estimated Pump Time (min):	33.5	52.1	50.8	36.6	32.1	42.2

*NOTE: Total clean fluid/foam volume does not include flush volume.

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16-Sep-11
BERRY PETROLEUM
LC TRIBAL 16-16D-56
STAGE 1 CR-6 & CR-5 6181-6361 28 SHOTS
2800 GAL HCL 42 BALLSEALERS

MAVERICK STIMULATION COMPANY, LLC

Stage	HCl%/ Prop Mesh	Gel ppt	Downhole (design) - Ramp Proppant: Clean Foam/ Clean Fluid gals	Ramp Start Prop Conc ppg	Ramp End Prop Conc ppg	Rate bpm	N2%	CO2%	Surface (calc): Avg N2 Rate scfm	Avg CO2 Rate bpm	Avg Slurry Rate bpm	Avg Clean Rate bpm	Cumulative: N2 scf	CO2 Tons	Surf Slurry bbls	Surf Clean bbls
PAD		25	500			5.0			-	-	5.0	5.0	-	-	12	12
HCL	15		2,800			40.0			-	-	40.0	40.0	-	-	79	79
FLUSH		25	6,361			40.0			-	-	40.0	40.0	-	-	230	230
PAD		25	13,440			40.0			-	-	40.0	40.0	-	-	550	550
SAND	16/30	25	14,400	1.0	5.0	40.0			-	-	40.0	35.2	-	-	939	893
SAND	16/30	25	5,760	5.0	5.0	40.0			-	-	40.0	32.6	-	-	1,108	1,030
FLUSH		25	6,181			40.0			-	-	40.0	40.0	-	-	1,255	1,177
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
			49,442					<< === Totals === >>					-	-	1,255	1,177

Stage	HCl%/ Prop Mesh	% Cln Fluid	Downhole: Clean Foam/ Clean Fluid gals	Avg Prop Conc ppg	Constant Internal Phase	Avg Blndr Conc ppg	Ramp Proppant: Avg Rate lb/min	Total lbs	Stage lbs	N2 Stage scf	CO2 Stage tons	Time Stage min	DH Foam Slurry Stage bbls	Stage: Surf Slurry bbls	Surf Clean bbls
PAD		100.0%	500									2.4	11.9	11.9	11.9
HCL	15	100.0%	2,800									1.7	66.7	66.7	66.7
FLUSH		100.0%	6,361									3.8	151.5	151.5	151.5
PAD		100.0%	13,440									8.0	320.0	320.0	320.0
SAND	16/30	88.0%	14,400	3	11.9%	3.00	4,438	43,200	43,200			9.7	389.3	389.3	342.9
SAND	16/30	81.5%	5,760	5	18.4%	5.00	6,652	72,000	28,800			4.2	168.1	168.1	137.1
FLUSH		100.0%	6,181					72,000				3.7	147.2	147.2	147.2
								72,000		<< === Totals === >>		33.5		1,255	1,177

Bottomhole Treating Pressure:	5254	psi
Bottomhole Temp:	90.0	deg. F
Calculated N2 Volume Factor:	1570	scf/bbl
Bottomhole CO2 Volume Factor:	3060.0	scf/bbl
Proppant Specific Gravity	2.65	

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Sundry Number: 18591 API Well Number: 43013506010000

16-Sep-11
BERRY PETROLEUM
LC TRIBAL 16-16D-56
STAGE 2 CR-4A & CR 4 5943-6162 38 SHOTS
3800 GAL HCL 57 BALLSEALERS

MAVERICK STIMULATION COMPANY, LLC

Stage	HCl%/ Prop Mesh	Gel ppt	Downhole (design) - Ramp Proppant: Clean Foam/ Clean Fluid gals	Ramp Start Prop Conc ppg	Ramp End Prop Conc ppg	Rate bpm	N2%	CO2%	Surface (calc): Avg N2 Rate scfm	Avg CO2 Rate bpm	Avg Slurry Rate bpm	Avg Clean Rate bpm	Cumulative: N2 scf	CO2 Tons	Surf Slurry bbls	Surf Clean bbls
PAD		25	500			5.0			-	-	5.0	5.0	-	-	12	12
HCL	15		3,800			40.0			-	-	40.0	40.0	-	-	102	102
FLUSH		25	6,162			40.0			-	-	40.0	40.0	-	-	249	249
PAD		25	24,640			40.0			-	-	40.0	40.0	-	-	836	836
SAND	16/30	25	26,400	1.0	5.0	40.0			-	-	40.0	35.2	-	-	1,550	1,464
SAND	16/30	25	10,560	5.0	5.0	40.0			-	-	40.0	32.6	-	-	1,858	1,716
FLUSH		25	5,943			40.0			-	-	40.0	40.0	-	-	1,999	1,857
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
			78,005					<< === Totals === >>					-	-	1,999	1,857

Stage	HCl%/ Prop Mesh	% Cln Fluid	Downhole: Clean Foam/ Clean Fluid gals	Avg Prop Conc ppg	Constant Internal Phase	Avg Blndr Conc ppg	Ramp Proppant: Avg Rate lb/min	Total lbs	Stage lbs	N2 Stage scf	CO2 Stage tons	Time Stage min	DH Foam Slurry Stage bbls	Stage: Surf Slurry bbls	Surf Clean bbls
PAD		100.0%	500									2.4	11.9	11.9	11.9
HCL	15	100.0%	3,800									2.3	90.5	90.5	90.5
FLUSH		100.0%	6,162									3.7	146.7	146.7	146.7
PAD		100.0%	24,640									14.7	586.7	586.7	586.7
SAND	16/30	88.0%	26,400	3	11.9%	3.00	4,438	79,200	79,200			17.8	713.8	713.8	628.6
SAND	16/30	81.5%	10,560	5	18.4%	5.00	6,852	132,000	52,800			7.7	308.3	308.3	251.4
FLUSH		100.0%	5,943					132,000				3.5	141.5	141.5	141.5
								132,000	<< === Totals === >>			52.1		1,999	1,857

Bottomhole Treating Pressure:	5052	psi
Bottomhole Temp	90.0	deg. F
Calculated N2 Volume Factor:	1528	scf/bbl
Bottomhole CO2 Volume Factor:	3060.0	scf/bbl
Proppant Specific Gravity	2.65	

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Sundry Number: 18591 API Well Number: 43013506010000

16-Sep-11
BERRY PETROLEUM
LC TRIBAL 16-16D-56
STAGE 3 CR-4 & CR-3 5632-5871 44 SHOTS
4400 GAL HCL 66 BALLSEALERS

MAVERICK STIMULATION COMPANY, LLC

Est. STP:

Stage	HCl%/ Prop Mesh	Gel ppt	Downhole (design) - Ramp Proppant: Clean Foam/ Clean Fluid gals	Ramp Start Prop Conc ppg	Ramp End Prop Conc ppg	Rate bpm	N2%	CO2%	Surface (calc): Avg N2 Rate scfm	Avg CO2 Rate bpm	Avg Slurry Rate bpm	Avg Clean Rate bpm	Cumulative: N2 scf	CO2 Tons	Surf Slurry bbls	Surf Clean bbls
PAD		25	500			5.0			-	-	5.0	5.0	-	-	12	12
HCL	15		4,400			40.0			-	-	40.0	40.0	-	-	117	117
FLUSH		25	5,871			40.0			-	-	40.0	40.0	-	-	256	256
PAD		25	23,893			40.0			-	-	40.0	40.0	-	-	825	825
SAND	16/30	25	25,600	1.0	5.0	40.0			-	-	40.0	35.2	-	-	1,516	1,435
SAND	16/30	25	10,240	5.0	5.0	40.0			-	-	40.0	32.6	-	-	1,816	1,679
FLUSH		25	5,632			40.0			-	-	40.0	40.0	-	-	1,951	1,813
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
			76,136					<< === Totals === >>					-	-	1,951	1,813

Stage	HCl%/ Prop Mesh	% Cln Fluid	Downhole: Clean Foam/ Clean Fluid gals	Avg Prop Conc ppg	Constant Internal Phase	Avg Bindr Conc ppg	Ramp Proppant: Avg Rate lb/min	Total lbs	Stage lbs	N2 Stage scf	CO2 Stage tons	Time Stage min	DH Foam Slurry Stage bbls	Stage: Surf Slurry bbls	Surf Clean bbls
PAD		100.0%	500									2.4	11.9	11.9	11.9
HCL	15	100.0%	4,400									2.6	104.8	104.8	104.8
FLUSH		100.0%	5,871									3.5	139.8	139.8	139.8
PAD		100.0%	23,893									14.2	568.9	568.9	568.9
SAND	16/30	88.0%	25,600	3	11.9%	3.00	4,438	76,800	76,800			17.3	692.2	692.2	609.5
SAND	16/30	81.5%	10,240	5	18.4%	5.00	6,852	128,000	51,200			7.5	298.9	298.9	243.8
FLUSH		100.0%	5,632					128,000				3.4	134.1	134.1	134.1
								128,000		<< === Totals === >>		50.8		1,951	1,813

Bottomhole Treating Pressure	4787	psi
Bottomhole Temp:	90.0	deg. F
Calculated N2 Volume Factor	1473	scf/bbl
Bottomhole CO2 Volume Factor	3060.0	scf/bbl
Proppant Specific Gravity	2.65	

RECEIVED Sep. 19, 2011

Sundry Number: 18591 API Well Number: 43013506010000

16-Sep-11
BERRY PETROLEUM
LC TRIBAL 16-16D-56
STAGE 4 CR-3 & CR-2 5458-5586 24 SHOTS
2400 GAL HCL 36 BALLSEALERS

MAVERICK STIMULATION COMPANY, LLC

Stage	HCl%/ Prop Mesh	Gel ppt	Downhole (design) - Ramp Proppant: Clean Foam/ Clean Fluid gals	Ramp Start Prop Conc ppg	Ramp End Prop Conc ppg	Rate bpm	N2%	CO2%	Surface (calc): Avg N2 Rate scfm	Avg CO2 Rate bpm	Avg Slurry Rate bpm	Avg Clean Rate bpm	Cumulative: N2 scf	CO2 Tons	Surf Slurry bbls	Surf Clean bbls
PAD		25	500			5.0			-	-	5.0	5.0	-	-	12	12
HCL	15		2,400			40.0			-	-	40.0	40.0	-	-	69	69
FLUSH		25	5,586			40.0			-	-	40.0	40.0	-	-	202	202
PAD		25	16,053			40.0			-	-	40.0	40.0	-	-	584	584
SAND	16/30	25	17,200	1.0	5.0	40.0			-	-	40.0	35.2	-	-	1,049	994
SAND	16/30	25	6,880	5.0	5.0	40.0			-	-	40.0	32.6	-	-	1,250	1,158
FLUSH		25	5,458			40.0			-	-	40.0	40.0	-	-	1,380	1,288
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
			54,077					<< === Totals === >>					-	-	1,380	1,288

Stage	HCl%/ Prop Mesh	% Cln Fluid	Downhole: Clean Foam/ Clean Fluid gals	Avg Prop Conc ppg	Constant Internal Phase	Avg Blndr Conc ppg	Ramp Proppant: Avg Rate lb/min	Total lbs	Stage lbs	N2 Stage scf	CO2 Stage tons	Time Stage min	DH Foam Slurry Stage bbls	Stage: Surf Slurry bbls	Surf Clean bbls
PAD		100.0%	500									2.4	11.9	11.9	11.9
HCL	15	100.0%	2,400									1.4	57.1	57.1	57.1
FLUSH		100.0%	5,586									3.3	133.0	133.0	133.0
PAD		100.0%	16,053									9.6	382.2	382.2	382.2
SAND	16/30	88.0%	17,200	3	11.9%	3.00	4,438	51,600	51,600			11.6	465.1	465.1	409.5
SAND	16/30	81.5%	6,880	5	18.4%	5.00	6,852	86,000	34,400			5.0	200.8	200.8	163.8
FLUSH		100.0%	5,458									3.2	130.0	130.0	130.0
								86,000		<< === Totals === >>		36.6		1,380	1,288

Bottomhole Treating Pressure	4639	psi
Bottomhole Temp:	90.0	deg F
Calculated N2 Volume Factor	1441	scf/bbl
Bottomhole CO2 Volume Factor	3050.0	scf/bbl
Proppant Specific Gravity	2.65	

RECEIVED Sep. 19, 2011

Sundry Number: 18591 API Well Number: 43013506010000

16-Sep-11
BERRY PETROLEUM
LC TRIBAL 16-16D-56
STAGE 5 CR-2 & WASATCH 5180-5377 26 SHOTS
2600 GAL HCL 39 BALLSEALERS

MAVERICK STIMULATION COMPANY, LLC

Stage	HCl%/ Prop Mesh	Gel ppt	Downhole (design) - Ramp Proppant: Clean Foam/ Clean Fluid gals	Ramp Start Prop Conc ppg	Ramp End Prop Conc ppg	Rate bpm	N2%	CO2%	Surface (calc): Avg N2 Rate scfm	Avg CO2 Rate bpm	Avg Slurry Rate bpm	Avg Clean Rate bpm	Cumulative: N2 scf	CO2 Tons	Surf Slurry bbls	Surf Clean bbls
PAD		25	500			5.0			-	-	5.0	5.0	-	-	12	12
HCL	15		2,600			40.0			-	-	40.0	40.0	-	-	74	74
FLUSH		25	5,377			40.0			-	-	40.0	40.0	-	-	202	202
PAD		25	13,440			40.0			-	-	40.0	40.0	-	-	522	522
SAND	16/30	25	14,400	1.0	5.0	40.0			-	-	40.0	35.2	-	-	911	865
SAND	16/30	25	5,760	5.0	5.0	40.0			-	-	40.0	32.6	-	-	1,079	1,002
FLUSH		25	5,180			40.0			-	-	40.0	40.0	-	-	1,203	1,125
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
			47,257					<< === Totals === >>					-	-	1,203	1,125

Stage	HCl%/ Prop Mesh	% Cln Fluid	Downhole: Clean Foam/ Clean Fluid gals	Avg Prop Conc ppg	Constant Internal Phase	Avg Blndr Conc ppg	Ramp Proppant: Avg Rate lb/min	Total lbs	Stage lbs	N2 Stage scf	CO2 Stage tons	Time Stage min	DH Foam Slurry Stage bbls	Stage: Surf Slurry bbls	Surf Clean bbls
PAD		100.0%	500									2.4	11.9	11.9	11.9
HCL	15	100.0%	2,600									1.5	61.9	61.9	61.9
FLUSH		100.0%	5,377									3.2	128.0	128.0	128.0
PAD		100.0%	13,440									8.0	320.0	320.0	320.0
SAND	16/30	88.0%	14,400	3	11.9%	3.00	4,438	43,200	43,200			9.7	389.3	389.3	342.9
SAND	16/30	81.5%	5,760	5	18.4%	5.00	6,852	72,000	28,800			4.2	168.1	168.1	137.1
FLUSH		100.0%	5,180					72,000				3.1	123.3	123.3	123.3
								72,000		<< === Totals === >>		32.1		1,203	1,125

Bottomhole Treating Pressure:	4403	psi
Bottomhole Temp:	90.0	deg. F
Calculated N2 Volume Factor:	1388	scf/bbl
Bottomhole CO2 Volume Factor:	3060.0	scf/bbl
Proppant Specific Gravity:	2.65	

RECEIVED Sep. 19, 2011

Sundry Number: 18591 API Well Number: 43013506010000

16-Sep-11
BERRY PETROLEUM
LC TRIBAL 16-16D-56
STAGE 6 UTELAND BUTTE 5032-5116 22 SHOTS
2200 GAL HCL 33 BALLSEALERS

MAVERICK
STIMULATION COMPANY, LLC

Stage	HCl%/ Prop Mesh	Gel ppt	Downhole (design) - Ramp Proppant: Clean Foam/ Clean Fluid gals	Ramp Start Prop Conc ppg	Ramp End Prop Conc ppg	Rate bpm	N2%	CO2%	Surface (calc): Avg N2 Rate scfm	Avg CO2 Rate bpm	Avg Slurry Rate bpm	Avg Clean Rate bpm	Cumulative: N2 scf	CO2 Tons	Surf Slurry bbls	Surf Clean bbls
PAD		25	500			5.0			-	-	5.0	5.0	-	-	12	12
HCL	15		2,200			40.0			-	-	40.0	40.0	-	-	64	64
FLUSH		25	5,116			40.0			-	-	40.0	40.0	-	-	186	186
PAD		25	17,000			40.0			-	-	40.0	40.0	-	-	591	591
SAND	16/30	25	26,000	1.0	3.0	40.0			-	-	40.0	36.7	-	-	1,266	1,210
SAND	16/30	25	8,000	3.0	4.0	40.0			-	-	40.0	34.5	-	-	1,486	1,400
FLUSH		25	5,032			40.0			-	-	40.0	40.0	-	-	1,606	1,520
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
			63,848					<< === Totals === >>					-	-	1,606	1,520

Stage	HCl%/ Prop Mesh	% Cln Fluid	Downhole: Clean Foam/ Clean Fluid gals	Avg Prop Conc ppg	Constant Internal Phase	Avg Blndr Conc ppg	Ramp Proppant: Avg Rate lb/min	Total lbs	Stage lbs	N2 Stage scf	CO2 Stage tons	Time Stage min	DH Foam Slurry Stage bbls	Stage: Surf Slurry bbls	Surf Clean bbls
PAD		100.0%	500									2.4	11.9	11.9	11.9
HCL	15	100.0%	2,200									1.3	52.4	52.4	52.4
FLUSH		100.0%	5,116									3.0	121.8	121.8	121.8
PAD		100.0%	17,000									10.1	404.8	404.8	404.8
SAND	16/30	91.7%	26,000	2	8.3%	2.00	3,081	52,000	52,000			16.9	675.0	675.0	619.0
SAND	16/30	86.3%	8,000	3.5	13.7%	3.50	5,077	80,000	28,000			5.5	220.6	220.6	190.5
FLUSH		100.0%	5,032					80,000				3.0	119.8	119.8	119.8
								80,000		<< === Totals === >>		42.2		1,606	1,520

Bottomhole Treating Pressure	4277	psi
Bottomhole Temp	90.0	deg F
Calculated N2 Volume Factor	1360	scf/bbl
Bottomhole CO2 Volume Factor	3060.0	scf/bbl
Proppant Specific Gravity	2.65	

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Sundry Number: 18591 API Well Number: 43013506010000

FLUID SPECIFICATIONS AND REQUIREMENTS

Tank Requirements: **19 -** **500** bbl tanks Tank Bottoms: **30** bbl/tank

Fluid1:	25 lb	Gelled Water		350,565 Gallons
Additives:				
257	2%	CL-57	Liquid KCl Replacement	
2001	25 ppt	MAV-3	Guar Gel	
106	2 gpt	NE-6	Non-Emulsifier	
141	0.05 qpt	BREAKER-503L	Liquid Enzyme Breaker	
582	0.15 ppt	MAVCIDE II	Biocide	
592	2.5 gpt	MAVLINK BW	Borate X-Linker (Winterized)	
3004	273 0	SOLU-BALLS	7/8 Inch 1.1 Spgr	

Fluid Required (Not Including Tank Bottoms):	**350,565**	**Gallons**
	8,347	**Bbls**
Tank Bottoms:	**540**	**Bbls**
Total Fluid Requred:	**8,887**	**Bbls**

ACID REQUIREMENTS

Acid Requirements:

Acid 1:	15 %		HCL		18,200 Gallons
Additives:					
106	2	gpt	NE-6	Non-Emulsifier	
610	5	ppt	IC-100	Iron Control	
303	4	gpt	MAVHIB-3	Acid Inhibitor (Moderate Temp)	

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PROPPANT REQUIREMENTS

SAND	16/30	Texas Gold		570,000 lbs
			Total:	570,000 lbs

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: FEE

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 FEE 16-16D-56

2. NAME OF OPERATOR:
BERRY PETROLEUM COMPANY

9. API NUMBER:
43013506010000

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:
1046 FSL 2110 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SWSE Section: 16 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		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
✓ DRILLING REPORT Report Date: 10/18/2011	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PLEASE NOTE THAT THE LC FEE 16-16D-56 WENT TO SALES ON OCTOBER 18, 2011.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Kathy K. Fieldsted	435 722-1325	Sr. Regulatory & Permitting Tech.

SIGNATURE	DATE
N/A	10/18/2011

RECEIVED Oct. 18, 2011

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: FEE

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 FEE 16-16D-56

2. NAME OF OPERATOR:
BERRY PETROLEUM COMPANY

9. API NUMBER:
43013506010000

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:
1046 FSL 2110 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SWSE Section: 16 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		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
✓ DRILLING REPORT Report Date: 10/15/2011	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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 FEE 16-16D-56.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Kathy K. Fieldsted	435 722-1325	Sr. Regulatory & Permitting Tech.
SIGNATURE		**DATE**
N/A		10/18/2011

RECEIVED Oct. 18, 2011

Berry Daily Completion and Workover

Report # 1, Report Date: 9/23/2011

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah
Well Configuration Type	**Original KB Elevation (ftKB)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Head Distance (ft)**
	6,626	14.00		

Primary Job Type	Secondary Job Type
Competion	

Objective

Contractor	Rig Number
Stevenson well service	2

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C11-032009		1,100	1,100

Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hrs)

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	PREP PAD, SPOT IN 19 FRAC TANKS, FILL, & HEAT. INSTALL PRODUCTION EQUIPMENT. SPOT IN MAVERICK FRAC EQUIPMENT & ALSO PIONEER WIRELINE
12:00	12:00		PFRT	Perforating	STG #1 PIONEER RIH AND PERFORATE THE WASATCH CR-6 (6,360'-6,361') & CR-5 (6,181'-6,350') @ 2 SPF, 120 DEGREE PHASING, 19 GRAM CHARGE, & EHD OF .36". (CR-6) 6,360'-6,361' (CR-5) 6,348'-6,350', 6,334'-6,335', 6,305'-6,306', 6,296'-6,297', 6,267'-6,269', 6,262'-6,264', 6,250'-6,251', 6,217'-6,218', 6,181'-6,183'.
12:00	12:00		FRAC	Frac. Job	MAVERICK TEST LINES AND FRAC STG #1. WELL OPEN @ 140 PSI MAX R @ 40.0 BPM MAX PSI @ 2,860 AVG RATE @ 40.0 BPM AVG PSI @ 1,800 TOTAL FLUID OF 1,173 BBL ISIP OF 1,400 FRAC GRADIENT OF .66 72,000 LBS OF 16-30
12:00	12:00		PFRT	Perforating	STG #2 PIONEER RIH AND SET CBP @ 6,166' PERFORATE THE WASATCH CR-4A (6,075'-6,162') & CR-4 (5,943'-6,054') @ 2 SPF, 120 DEGREE PHASING, 19 GRAM CHARGE, & EHD OF .36". (CR-4A) 6,075'-6,077', 6,098'-6,099', 6,116'-6,117', 6,130'-6,131', 6,148'-6,149', 6,154'-6,155', & 6,161'-6,162' (CR-4) 5,943'-5,944', 5,956'-5,957', 5,962'-5,963', 5,984'-5,986', 5,994'-5,995', 6,015'-6,016', 6,021'-6,022', 6,028'-6,029', 6,034'-6,035', 6,053'-6,054'.
12:00	12:00		FRAC	Frac. Job	MAVERICK TEST LINES AND FRAC STG #2. WELL OPEN @ 1,150 PSI MAX R @ 40.0 BPM MAX PSI @ 2,820 AVG RATE @ 40.0 BPM AVG PSI @ 1,600 TOTAL FLUID OF 1,850 BBL ISIP OF 1,350 FRAC GRADIENT OF .66 132,000 LBS OF 16-30

RECEIVED Oct. 18, 2011

Berry Daily Completion and Workover

Report # 1, Report Date: 9/23/2011

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah
Well Configuration Type	Original KB Elevation (ftKB)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Head Distance (ft)
	6,626	14.00		

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
12:00	12:00		PFRT	Perforating	STG #3 PIONEER RIH AND SET CBP @ 5,920' PERFORATE THE WASATCH CR-4 (5,827'-5,871') & CR-3 (5,632'-5,817') @ 2 SPF, 120 DEGREE PHASING, 19 GRAM CHARGE, & EHD OF .36". (CR-4) 5,827'-5,828', 5,836'-5,838', 5,870'-5,871'. (CR-3) 5,632'-5,633', 5,653'-5,654', 5,689'-5,690', 5,700'-5,702', 5,713'-5,714', 5,723'-5,724', 5,734'-5,736', 5,750'-5,752', 5,763'-5,765', 5,776'-5,777', 5,795'-5,798', 5,816'-5,817'.
12:00	12:00		FRAC	Frac. Job	MAVERICK TEST LINES AND FRAC STG #3. WELL OPEN @ 1,140 PSI MAX R @ 40.0 BPM MAX PSI @ 2,300 AVG RATE @ 40.0 BPM AVG PSI @ 1,600 TOTAL FLUID OF 1,810 BBL ISIP OF 1,400 FRAC GRADIENT OF .68 128,000 LBS OF 16-30

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
152	2125	ICC	1,100	ICC-CONTRACTSUPERVISION

Safety Checks

Time	Description	Type	Comment

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?
				No

Perforations

Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status
9/23/2011	Uteland Butte, Original Hole	5,032.0	5,116.0	
9/23/2011	Wasatch, Original Hole	5,180.0	5,377.0	
9/23/2011	CR-2, Original Hole	5,458.0	5,586.0	
9/23/2011	CR-3, Original Hole	5,632.0	5,871.0	
9/23/2011	CR-4, Original Hole	5,943.0	6,162.0	

Hydraulic Frac-Other on 9/23/2011 00:00

Date	Zone	Type	Stim/Treat Company
9/23/2011 00:00	CR-2, Original Hole	Hydraulic Frac-Other	Maverick

Stg No.	Stage Type	Top (ftKB)	Btm (ftKB)	V (pumped) (bbl)
4		5,458.0	5,586.0	

Hydraulic Frac-Other on 9/23/2011 00:00

Date	Zone	Type	Stim/Treat Company
9/23/2011 00:00	Wasatch, Original Hole	Hydraulic Frac-Other	Maverick

Stg No.	Stage Type	Top (ftKB)	Btm (ftKB)	V (pumped) (bbl)
4		5,180.0	5,377.0	

Hydraulic Frac-Other on 9/23/2011 00:00

Date	Zone	Type	Stim/Treat Company
9/23/2011 00:00	Uteland Butte, Original Hole	Hydraulic Frac-Other	Maverick

Stg No.	Stage Type	Top (ftKB)	Btm (ftKB)	V (pumped) (bbl)
6		5,032.0	5,116.0	

Hydraulic Frac-Other on 9/23/2011 00:00

Date	Zone	Type	Stim/Treat Company
9/23/2011 00:00	CR-4, Original Hole	Hydraulic Frac-Other	Maverick

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Berry Daily Completion and Workover

Report # 1, Report Date: 9/23/2011

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah
Well Configuration Type	**Original KB Elevation (ftKB)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Head Distance (ft)**
	6,626	14.00		

Stg No.	Stage Type	Top (ftKB)	Btm (ftKB)	V (pumped) (bbl)
2		5,943.0	6,162.0	

Hydraulic Frac-Other on 9/23/2011 00:00

Date	Zone	Type	Stim/Treat Company
9/23/2011 00:00	CR-3, Original Hole	Hydraulic Frac-Other	Maverick

Stg No.	Stage Type	Top (ftKB)	Btm (ftKB)	V (pumped) (bbl)
4		5,632.0	5,871.0	

Hydraulic Frac-Other on 9/23/2011 00:00

Date	Zone	Type	Stim/Treat Company
9/23/2011 00:00	CR-5, Original Hole	Hydraulic Frac-Other	Maverick

Stg No.	Stage Type	Top (ftKB)	Btm (ftKB)	V (pumped) (bbl)
1		6,181.0	6,361.0	

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 # 2, Report Date: 9/24/2011

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah
Well Configuration Type	**Original KB Elevation (ftKB)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Head Distance (ft)**
	6,626	14.00		

Primary Job Type	Secondary Job Type
Competion	

Objective

Contractor	Rig Number
Stevenson well service	2

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C11-032009		353,460	354,560

Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hrs)

Job Contact	Title	Mobile

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	12:00	12.00	PFRT	Perforating	STG #4 PIONEER RIH AND SET CBP @ 5,620' PERFORATE THE WASATCH CR-3 (5,523'-5,586') & CR-2 (5,458'-5,497') @ 2 SPF, 120 DEGREE PHASING, 19 GRAM CHARGE, & EHD OF .36". (CR-3) 5,523'-5,525', 5,540'-5,541', 5,552'-5,553', 5,572'-5,573', 5,585'-5,586'. (CR-2) 5,458'-5,459', 5,466'-5,467', 5,481'-5,483', 5,490'-5,491', 5,496'-5,497'.
12:00	12:00		FRAC	Frac. Job	MAVERICK TEST LINES AND FRAC STG #4. WELL OPEN @ 1,080 PSI MAX R @ 40.0 BPM MAX PSI @ 2,700 AVG RATE @ 40.0 BPM AVG PSI @ 1,800 TOTAL FLUID OF 1,280 BBL ISIP OF 1,640 FRAC GRADIENT OF .73 86,000 LBS OF 16-30
12:00	12:00		PFRT	Perforating	STG #5 PIONEER RIH AND SET CBP @ 5,420' PERFORATE THE WASATCH CR-2 (5,331'-5,377') & WASATCH (5,180'-5,302') @ 2 SPF, 120 DEGREE PHASING, 19 GRAM CHARGE, & EHD OF .36". (CR-2) 5,331'-5,333', 5,346'-5,347', 5,376'-5,377'. (WASATCH) 5,180'-5,181', 5,190'-5,191', 5,208'-5,210', 5,223'-5,224', 5,241'-5,242', 5,287'-5,288', 5,300'-5,302'.
12:00	12:00		FRAC	Frac. Job	MAVERICK TEST LINES AND FRAC STG #5. WELL OPEN @ 990 PSI MAX R @ 40.0 BPM MAX PSI @ 2,500 AVG RATE @ 40.0 BPM AVG PSI @ 1,700 TOTAL FLUID OF 1,150 BBL ISIP OF 1,250 FRAC GRADIENT OF .67 72,000 LBS OF 16-30
12:00	12:00		PFRT	Perforating	STG #6 PIONEER RIH AND SET CBP @ 5,160' PERFORATE THE UTELAND BUTTE (5,032'-5,116') @ 2 SPF, 120 DEGREE PHASING, 19 GRAM CHARGE, & EHD OF .36". (UTELAND BUTTE) 5,032'-5,035', 5,041'-5,042', 5,050'-5,052', 5,081'-5,082', 5,095'-5,097', 5,114'-5,116'.

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Berry Daily Completion and Workover

Report # 2, Report Date: 9/24/2011

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah
Well Configuration Type	**Original KB Elevation (ftKB)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Head Distance (ft)**
	6,626	14.00		

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
12:00	12:00		FRAC	Frac. Job	MAVERICK TEST LINES AND FRAC STG #6. WELL OPEN @ 800 PSI MAX R @ 40.0 BPM MAX PSI @ 2,700 AVG RATE @ 40.0 BPM AVG PSI @ 1,950 TOTAL FLUID OF 1,535 BBL ISIP OF 1,720 FRAC GRADIENT OF .77 80,000 LBS OF 16-30
12:00	12:00		PFRT	Perforating	PIONEER SET KILL PLUG (CBP) @ 4,920'
12:00	12:00		GOP	General Operations	MAVERICK AND PIONEER RIG DOWN AND LEAVE PAD

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
152	2125	ICC	1,100	ICC-CONTRACTSUPERVISION
152	2345	ICC	23,800	ICC-PERFORATING
152	2360	ICC	328,560	ICC-STIMULATION/ACIDIZING

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

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Berry Daily Completion and Workover

Report # 3, Report Date: 9/30/2011

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah
Well Configuration Type	**Original KB Elevation (ftKB)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Head Distance (ft)**
	6,626	14.00		

Primary Job Type	Secondary Job Type
Competion	

Objective

Contractor	Rig Number
Stevenson well service	2

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C11-032009		2,415	356,975

Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hrs)

Job Contact	Title	Mobile

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	00:00				Safety Meeting, MISIRU, RU pump and return lines,

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
152	2111	ICC	800	ICC-TRUCKING&HAULING
152	2305	ICC	1,615	ICC-RIGCOST-COMPLETION

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

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Berry Daily Completion and Workover

Report # 4, Report Date: 10/1/2011

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah
Well Configuration Type	**Original KB Elevation (ftKB)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Head Distance (ft)**
	6,626	14.00		

Primary Job Type	Secondary Job Type
Competion	

Objective

Contractor	Rig Number
Stevenson well service	2

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C11-032009		4,813	361,788

Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hrs)

Job Contact	Title	Mobile

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	00:00				Safety Meeting, Open well bleed off psi, ND frac valve, NU BOP, PU 4 3/4" pump off bit sub, 1 jt xn nipple, RIH w/ 2 7/8" tbg w/ 156 jts. prep to drill out Monday am. 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
152	2111	ICC	800	ICC-TRUCKING&HAULING
152	2305	ICC	3,793	ICC-RIGCOST-COMPLETION
152	2385	ICC	220	ICC-RENTALS-FISHINGTOOLS

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

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Berry Daily Completion and Workover

Report # 5, Report Date: 10/3/2011

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah
Well Configuration Type	**Original KB Elevation (ftKB)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Head Distance (ft)**
	6,626	14.00		

Primary Job Type	Secondary Job Type
Competion	

Objective

Contractor	Rig Number
Stevenson well service	2

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C11-032009		5,627	367,415

Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hrs)

Job Contact	Title	Mobile

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	00:00				Safety Meeting, RU power swivel, PU 1 jt tbg, break circ, Drill kill plug up @4920' circ clean, Cont. tad fill sand @ 5120' clean sand to 2nd plug @ 5133', circ clean, POOH w/ 163 jts 2 7/8" tbg, LD bit and bit sub, RIH w/ 1 jt SN, 159 jts EOT @ 5074', RU swab equip, make 12 swab runs, recover 86 bbls water, end FL 400'.

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
152	2305	ICC	4,827	ICC-RIGCOST-COMPLETION
152	2385	ICC	800	ICC-RENTALS-FISHINGTOOLS

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

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Berry Daily Completion and Workover

Report # 6, Report Date: 10/4/2011

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah
Well Configuration Type	**Original KB Elevation (ftKB)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Head Distance (ft)**
	6,626	14.00		

Primary Job Type	Secondary Job Type
Competion	

Objective

Contractor	Rig Number
Stevenson well service	2

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C11-032009		5,744	373,159

Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hrs)

Job Contact	Title	Mobile

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	00:00				Safety Meeting, SITP 50 psi, bleed well off, Cont. swab 28 runs recovered 156 bbls water, Beg FL @ surface, end FL @ 800', no oil, trace sand, getting gas cut.

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
152	2305	ICC	4,944	ICC-RIGCOST-COMPLETION
152	2385	ICC	800	ICC-RENTALS-FISHINGTOOLS

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

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Berry Daily Completion and Workover

Report # 7, Report Date: 10/5/2011

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah
Well Configuration Type	**Original KB Elevation (ftKB)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Head Distance (ft)**
	6,626	14.00		

Primary Job Type	Secondary Job Type
Competion	

Objective

Contractor	Rig Number
Stevenson well service	2

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C11-032009		5,736	378,895

Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hrs)

Job Contact	Title	Mobile

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	00:00				Safety Meeting, SITP 0 SICP 50, bleed off well, Beg FL 400', Cont. swab make 28 runs, recover 156 bbls water, trace oil, gas cut fluid, no sand, Total recovered 398

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
152	2305	ICC	4,936	ICC-RIGCOST-COMPLETION
152	2385	ICC	800	ICC-RENTALS-FISHINGTOOLS

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

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Berry Daily Completion and Workover

Report # 8, Report Date: 10/6/2011

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah
Well Configuration Type	**Original KB Elevation (ftKB)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Head Distance (ft)**
	6,626	14.00		

Primary Job Type	Secondary Job Type
Competion	

Objective

Contractor	Rig Number
Stevenson well service	2

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C11-032009		5,164	384,059

Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hrs)

Job Contact	Title	Mobile

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	00:00				Safety Meeting, SITP 0, SICP 50 psi, Start swabbing beg FL@ 900' make 20 swab runs, recovered 120 bbls, started seeing 30 % oil cut around run #10, gas cut fluid, ending FL 2600'. Total recovered 518 bbls

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
152	2305	ICC	4,944	ICC-RIGCOST-COMPLETION
152	2385	ICC	220	ICC-RENTALS-FISHINGTOOLS

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

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Berry Daily Completion and Workover

Report # 9, Report Date: 10/7/2011

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah
Well Configuration Type	**Original KB Elevation (ftKB)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Head Distance (ft)**
	6,626	14.00		

Primary Job Type	Secondary Job Type
Competion	

Objective

Contractor	Rig Number
Stevenson well service	2

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C11-032009		5,164	389,223

Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hrs)

Job Contact	Title	Mobile

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	00:00				Safety Meeting, SICP 120 psi, SITP 50 psi, Open well, RU swab equip, Start FL 800', make 20 swab runs recover 120 bbls, End FL 2400' 10 % oil cut and gas cut fluid, w/ trace sand. RD swab equip prep to drill out plugs monday. SWI Total recovered 638 bbls

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
152	2305	ICC	4,944	ICC-RIGCOST-COMPLETION
152	2385	ICC	220	ICC-RENTALS-FISHINGTOOLS

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

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Berry Daily Completion and Workover

Report # 10, Report Date: 10/12/2011

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah
Well Configuration Type	**Original KB Elevation (ftKB)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Head Distance (ft)**
	6,626	14.00		

Primary Job Type	Secondary Job Type
Competion	

Objective

Contractor	Rig Number
Stevenson well service	2

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C11-032009		6,370	395,593

Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hrs)

Job Contact	Title	Mobile

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	14:30	14.50	DRPG	Drill out plugs	CREW TRAVEL, CREW CHANGE, SAFETY MEETING. SICP 220 PSI & SITP 100 PSI. BLOW WELL DOWN. HOT OILER FLUSH TBG W/ 40 BBLS @ 250 PSI. POOH W/ 160 JTS. L/D S/N. RIH W/ 4-3/4" BIT & POBS, 1 JT & YN NIP. TAG FILL @ 5,115'. P/U POWER SWIVEL & BREAK CIRC. C/O 45' SAND TO CBP @ 5,160' AND D/O CBP. CONT AND C/O 20' SAND ABOVE CBP AND D/O CBP @ 5,420' . CIRC CLEAN. SDFN CREW CHANGE & TRAVEL.

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
152	2305	ICC	5,820	ICC-RIGCOST-COMPLETION
152	2340	ICC	550	ICC-HOT OILING

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

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Berry Daily Completion and Workover

Report # 11, Report Date: 10/13/2011

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah
Well Configuration Type	**Original KB Elevation (ftKB)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Head Distance (ft)**
	6,626	14.00		

Primary Job Type	Secondary Job Type
Competion	

Objective

Contractor	Rig Number
Stevenson well service	2

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C11-032009		5,920	401,513

Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hrs)

Job Contact	Title	Mobile

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	14:00	14.00	DRPG	Drill out plugs	CREW TRAVEL, CHANGE CLOTHES, SAFETY MEETING. SICP 350 & SITP 0. BLED WELL DOWN. RIH & TAG FILL @ 5,590'. R/U POWER SWIVEL AND BREAK CIRC. C/O 30' SAND AND D/O CBP @ 5,620'. TAG 40' SAND AND C/O THEN D/O CBP @ 5,920'. TAG 31' SAND & C/O & D/O CBP @ 6,166'. TAG 50' SAND & C/O TO F.C. @ 6,430'. CIRC CLEAN FOR 2 HOURS. R/D SWIVEL. L/D 4 JTS & POOH 20 STDS. EOT @ 5,061'. SDFN CREW CHANGE & TRAVEL

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
152	2305	ICC	5,920	ICC-RIGCOST-COMPLETION

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

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Berry Daily Completion and Workover

Report # 12, Report Date: 10/14/2011

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah
Well Configuration Type	**Original KB Elevation (ftKB)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Head Distance (ft)**
	6,626	14.00		

Primary Job Type	Secondary Job Type
Competion	

Objective

Contractor	Rig Number
Stevenson well service	2

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C11-032009		5,930	407,443

Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hrs)

Job Contact	Title	Mobile

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	14:00	14.00	DRPG	Drill out plugs	CREW TRAVEL, CHANGE CLOTHES, SAFETY MEETING. SICP 320 & SITP 0. BLED WELL DOWN TO 100 PSI FLOWING PRESSURE. FLOWED BACK 60 BBLS. POOH TO EOT @ 1,230'. WELL FLOWING @ +/- 2 BPM. ROLL HOLE AND TRY TO TOP KILL BUT STILL FLOWING. RIH TO 5,050 AND ROLL HOLE WELL FLOWING +/- 1 BPM. R/U WELL TO FLOW OVERNIGHT. WATCH WELL UNTIL FLOW HAND READY. CREW CHANGE & TRAVEL.

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
152	2111	ICC	280	ICC-TRUCKING&HAULING
152	2305	ICC	5,650	ICC-RIGCOST-COMPLETION

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

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Berry Daily Completion and Workover

Report # 13, Report Date: 10/15/2011

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah
Well Configuration Type	**Original KB Elevation (ftKB)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Head Distance (ft)**
	6,626	14.00		

Primary Job Type	Secondary Job Type
Competion	

Objective

Contractor	Rig Number
Stevenson well service	2

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C11-032009		5,890	413,333

Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hrs)

Job Contact	Title	Mobile

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	15:00	15.00	DRPG	Drill out plugs	CREW TRAVEL, CHANGE CLOTHES, SAFETY MEETING. SITP 0 & SICP 0 (PLUG WITH OIL). HOT OILER PUMP 50 BBLS DOWN TBG @ 250 PSI. OPEN UP AND FLOWED @ 100 PSI. RIG PUMP 150 BBLS. POOH & L/D BIT AND PUMP OFF BIT SUB. RIH W/ TBG TO TAC TOP OF 6,296.03', S/N TOP @ 6,298.93' & EOT @ 6,331.67'. LAND TBG IN 16,000 TENSION. R/D TBG EQUIPMENT AAND R/U ROD EQUIP. RIH W/ RODS & 2-1/2 X 1-3/4 X 24 PUMP. SEAT PUMP. TBG STANDING FULL. STROKE TEST TO 500 PSI AND HELD. R/U SURFACE CREW CHANGE & TRAVEL

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
152	2305	ICC	5,890	ICC-RIGCOST-COMPLETION

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

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: FEE

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 FEE 16-16D-56

2. NAME OF OPERATOR:
BERRY PETROLEUM COMPANY

9. API NUMBER:
43013506010000

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:
1046 FSL 2110 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SWSE Section: 16 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		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
✓ DRILLING REPORT Report Date: 10/15/2011	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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 FEE 16-16D-56.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Kathy K. Fieldsted	435 722-1325	Sr. Regulatory & Permitting Tech.
SIGNATURE		**DATE**
N/A		10/18/2011

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Berry Daily Completion and Workover

Report # 1, Report Date: 9/23/2011

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah
Well Configuration Type	**Original KB Elevation (ftKB)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Head Distance (ft)**
	6,626	14.00		

Primary Job Type	Secondary Job Type
Competion	

Objective

Contractor	Rig Number
Stevenson well service	2

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C11-032009		1,100	1,100

Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hrs)

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	PREP PAD, SPOT IN 19 FRAC TANKS, FILL, & HEAT. INSTALL PRODUCTION EQUIPMENT. SPOT IN MAVERICK FRAC EQUIPMENT & ALSO PIONEER WIRELINE
12:00	12:00		PFRT	Perforating	STG #1 PIONEER RIH AND PERFORATE THE WASATCH CR-6 (6,360'-6,361') & CR-5 (6,181'-6,350') @ 2 SPF, 120 DEGREE PHASING, 19 GRAM CHARGE, & EHD OF .36". (CR-6) 6,360'-6,361' (CR-5) 6,348'-6,350', 6,334'-6,335', 6,305'-6,306', 6,296'-6,297', 6,267'-6,269', 6,262'-6,264', 6,250'-6,251', 6,217'-6,218', 6,181'-6,183'.
12:00	12:00		FRAC	Frac. Job	MAVERICK TEST LINES AND FRAC STG #1. WELL OPEN @ 140 PSI MAX R @ 40.0 BPM MAX PSI @ 2,860 AVG RATE @ 40.0 BPM AVG PSI @ 1,800 TOTAL FLUID OF 1,173 BBL ISIP OF 1,400 FRAC GRADIENT OF .66 72,000 LBS OF 16-30
12:00	12:00		PFRT	Perforating	STG #2 PIONEER RIH AND SET CBP @ 6,166' PERFORATE THE WASATCH CR-4A (6,075'-6,162') & CR-4 (5,943'-6,054') @ 2 SPF, 120 DEGREE PHASING, 19 GRAM CHARGE, & EHD OF .36". (CR-4A) 6,075'-6,077', 6,098'-6,099', 6,116'-6,117', 6,130'-6,131', 6,148'-6,149', 6,154'-6,155', & 6,161'-6,162' (CR-4) 5,943'-5,944', 5,956'-5,957', 5,962'-5,963', 5,984'-5,986', 5,994'-5,995', 6,015'-6,016', 6,021'-6,022', 6,028'-6,029', 6,034'-6,035', 6,053'-6,054'.
12:00	12:00		FRAC	Frac. Job	MAVERICK TEST LINES AND FRAC STG #2. WELL OPEN @ 1,150 PSI MAX R @ 40.0 BPM MAX PSI @ 2,820 AVG RATE @ 40.0 BPM AVG PSI @ 1,600 TOTAL FLUID OF 1,850 BBL ISIP OF 1,350 FRAC GRADIENT OF .66 132,000 LBS OF 16-30

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Berry Daily Completion and Workover

Report # 1, Report Date: 9/23/2011

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah
Well Configuration Type	Original KB Elevation (ftKB)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Head Distance (ft)
	6,626	14.00		

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
12:00	12:00		PFRT	Perforating	STG #3 PIONEER RIH AND SET CBP @ 5,920' PERFORATE THE WASATCH CR-4 (5,827'-5,871') & CR-3 (5,632'-5,817') @ 2 SPF, 120 DEGREE PHASING, 19 GRAM CHARGE, & EHD OF .36". (CR-4) 5,827'-5,828', 5,836'-5,838', 5,870'-5,871'. (CR-3) 5,632'-5,633', 5,653'-5,654', 5,689'-5,690', 5,700'-5,702', 5,713'-5,714', 5,723'-5,724', 5,734'-5,736', 5,750'-5,752', 5,763'-5,765', 5,776'-5,777', 5,795'-5,798', 5,816'-5,817'.
12:00	12:00		FRAC	Frac. Job	MAVERICK TEST LINES AND FRAC STG #3. WELL OPEN @ 1,140 PSI MAX R @ 40.0 BPM MAX PSI @ 2,300 AVG RATE @ 40.0 BPM AVG PSI @ 1,600 TOTAL FLUID OF 1,810 BBL ISIP OF 1,400 FRAC GRADIENT OF .68 128,000 LBS OF 16-30

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
152	2125	ICC	1,100	ICC-CONTRACTSUPERVISION

Safety Checks

Time	Description	Type	Comment

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?
				No

Perforations

Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status
9/23/2011	Uteland Butte, Original Hole	5,032.0	5,116.0	
9/23/2011	Wasatch, Original Hole	5,180.0	5,377.0	
9/23/2011	CR-2, Original Hole	5,458.0	5,586.0	
9/23/2011	CR-3, Original Hole	5,632.0	5,871.0	
9/23/2011	CR-4, Original Hole	5,943.0	6,162.0	

Hydraulic Frac-Other on 9/23/2011 00:00

Date	Zone	Type	Stim/Treat Company
9/23/2011 00:00	CR-2, Original Hole	Hydraulic Frac-Other	Maverick

Stg No.	Stage Type	Top (ftKB)	Btm (ftKB)	V (pumped) (bbl)
4		5,458.0	5,586.0	

Hydraulic Frac-Other on 9/23/2011 00:00

Date	Zone	Type	Stim/Treat Company
9/23/2011 00:00	Wasatch, Original Hole	Hydraulic Frac-Other	Maverick

Stg No.	Stage Type	Top (ftKB)	Btm (ftKB)	V (pumped) (bbl)
4		5,180.0	5,377.0	

Hydraulic Frac-Other on 9/23/2011 00:00

Date	Zone	Type	Stim/Treat Company
9/23/2011 00:00	Uteland Butte, Original Hole	Hydraulic Frac-Other	Maverick

Stg No.	Stage Type	Top (ftKB)	Btm (ftKB)	V (pumped) (bbl)
6		5,032.0	5,116.0	

Hydraulic Frac-Other on 9/23/2011 00:00

Date	Zone	Type	Stim/Treat Company
9/23/2011 00:00	CR-4, Original Hole	Hydraulic Frac-Other	Maverick

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Berry Daily Completion and Workover

Report # 1, Report Date: 9/23/2011

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah
Well Configuration Type	**Original KB Elevation (ftKB)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Head Distance (ft)**
	6,626	14.00		

Stg No.	Stage Type	Top (ftKB)	Btm (ftKB)	V (pumped) (bbl)
2		5,943.0	6,162.0	

Hydraulic Frac-Other on 9/23/2011 00:00

Date	Zone	Type	Stim/Treat Company
9/23/2011 00:00	CR-3, Original Hole	Hydraulic Frac-Other	Maverick

Stg No.	Stage Type	Top (ftKB)	Btm (ftKB)	V (pumped) (bbl)
4		5,632.0	5,871.0	

Hydraulic Frac-Other on 9/23/2011 00:00

Date	Zone	Type	Stim/Treat Company
9/23/2011 00:00	CR-5, Original Hole	Hydraulic Frac-Other	Maverick

Stg No.	Stage Type	Top (ftKB)	Btm (ftKB)	V (pumped) (bbl)
1		6,181.0	6,361.0	

Other In Hole

Description	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)

Cement

Description	Start Date	Cement Comp

RECEIVED Oct. 18, 2011

Berry Daily Completion and Workover

Report # 2, Report Date: 9/24/2011

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah
Well Configuration Type	**Original KB Elevation (ftKB)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Head Distance (ft)**
	6,626	14.00		

Primary Job Type	Secondary Job Type
Competion	

Objective

Contractor	Rig Number
Stevenson well service	2

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C11-032009		353,460	354,560

Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hrs)

Job Contact	Title	Mobile

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	12:00	12.00	PFRT	Perforating	STG #4 PIONEER RIH AND SET CBP @ 5,620' PERFORATE THE WASATCH CR-3 (5,523'-5,586') & CR-2 (5,458'-5,497') @ 2 SPF, 120 DEGREE PHASING, 19 GRAM CHARGE, & EHD OF .36". (CR-3) 5,523'-5,525', 5,540'-5,541', 5,552'-5,553', 5,572'-5,573', 5,585'-5,586'. (CR-2) 5,458'-5,459', 5,466'-5,467', 5,481'-5,483', 5,490'-5,491', 5,496'-5,497'.
12:00	12:00		FRAC	Frac. Job	MAVERICK TEST LINES AND FRAC STG #4. WELL OPEN @ 1,080 PSI MAX R @ 40.0 BPM MAX PSI @ 2,700 AVG RATE @ 40.0 BPM AVG PSI @ 1,800 TOTAL FLUID OF 1,280 BBL ISIP OF 1,640 FRAC GRADIENT OF .73 86,000 LBS OF 16-30
12:00	12:00		PFRT	Perforating	STG #5 PIONEER RIH AND SET CBP @ 5,420' PERFORATE THE WASATCH CR-2 (5,331'-5,377') & WASATCH (5,180'-5,302') @ 2 SPF, 120 DEGREE PHASING, 19 GRAM CHARGE, & EHD OF .36". (CR-2) 5,331'-5,333', 5,346'-5,347', 5,376'-5,377'. (WASATCH) 5,180'-5,181', 5,190'-5,191', 5,208'-5,210', 5,223'-5,224', 5,241'-5,242', 5,287'-5,288', 5,300'-5,302'.
12:00	12:00		FRAC	Frac. Job	MAVERICK TEST LINES AND FRAC STG #5. WELL OPEN @ 990 PSI MAX R @ 40.0 BPM MAX PSI @ 2,500 AVG RATE @ 40.0 BPM AVG PSI @ 1,700 TOTAL FLUID OF 1,150 BBL ISIP OF 1,250 FRAC GRADIENT OF .67 72,000 LBS OF 16-30
12:00	12:00		PFRT	Perforating	STG #6 PIONEER RIH AND SET CBP @ 5,160' PERFORATE THE UTELAND BUTTE (5,032'-5,116') @ 2 SPF, 120 DEGREE PHASING, 19 GRAM CHARGE, & EHD OF .36". (UTELAND BUTTE) 5,032'-5,035', 5,041'-5,042', 5,050'-5,052', 5,081'-5,082', 5,095'-5,097', 5,114'-5,116'.

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Berry Daily Completion and Workover

Report # 2, Report Date: 9/24/2011

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah
Well Configuration Type	**Original KB Elevation (ftKB)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Head Distance (ft)**
	6,626	14.00		

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
12:00	12:00		FRAC	Frac. Job	MAVERICK TEST LINES AND FRAC STG #6. WELL OPEN @ 800 PSI MAX R @ 40.0 BPM MAX PSI @ 2,700 AVG RATE @ 40.0 BPM AVG PSI @ 1,950 TOTAL FLUID OF 1,535 BBL ISIP OF 1,720 FRAC GRADIENT OF .77 80,000 LBS OF 16-30
12:00	12:00		PFRT	Perforating	PIONEER SET KILL PLUG (CBP) @ 4,920'
12:00	12:00		GOP	General Operations	MAVERICK AND PIONEER RIG DOWN AND LEAVE PAD

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
152	2125	ICC	1,100	ICC-CONTRACTSUPERVISION
152	2345	ICC	23,800	ICC-PERFORATING
152	2360	ICC	328,560	ICC-STIMULATION/ACIDIZING

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

RECEIVED Oct. 18, 2011

Berry Daily Completion and Workover

Report # 3, Report Date: 9/30/2011

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah
Well Configuration Type	**Original KB Elevation (ftKB)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Head Distance (ft)**
	6,626	14.00		

Primary Job Type	Secondary Job Type
Competion	

Objective

Contractor	Rig Number
Stevenson well service	2

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C11-032009		2,415	356,975

Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hrs)

Job Contact	Title	Mobile

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	00:00				Safety Meeting, MISIRU, RU pump and return lines,

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
152	2111	ICC	800	ICC-TRUCKING&HAULING
152	2305	ICC	1,615	ICC-RIGCOST-COMPLETION

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

RECEIVED Oct. 18, 2011

Berry Daily Completion and Workover

Report # 4, Report Date: 10/1/2011

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah
Well Configuration Type	**Original KB Elevation (ftKB)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Head Distance (ft)**
	6,626	14.00		

Primary Job Type	Secondary Job Type
Competion	

Objective

Contractor	Rig Number
Stevenson well service	2

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C11-032009		4,813	361,788

Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hrs)

Job Contact	Title	Mobile

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	00:00				Safety Meeting, Open well bleed off psi, ND frac valve, NU BOP, PU 4 3/4" pump off bit sub, 1 jt xn nipple, RIH w/ 2 7/8" tbg w/ 156 jts. prep to drill out Monday am. 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
152	2111	ICC	800	ICC-TRUCKING&HAULING
152	2305	ICC	3,793	ICC-RIGCOST-COMPLETION
152	2385	ICC	220	ICC-RENTALS-FISHINGTOOLS

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

RECEIVED Oct. 18, 2011

Berry Daily Completion and Workover

Report # 5, Report Date: 10/3/2011

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah
Well Configuration Type	**Original KB Elevation (ftKB)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Head Distance (ft)**
	6,626	14.00		

Primary Job Type	Secondary Job Type
Competion	

Objective

Contractor	Rig Number
Stevenson well service	2

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C11-032009		5,627	367,415

Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hrs)

Job Contact	Title	Mobile

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	00:00				Safety Meeting, RU power swivel, PU 1 jt tbg, break circ, Drill kill plug up @4920' circ clean, Cont. tad fill sand @ 5120' clean sand to 2nd plug @ 5133', circ clean, POOH w/ 163 jts 2 7/8" tbg, LD bit and bit sub, RIH w/ 1 jt SN, 159 jts EOT @ 5074', RU swab equip, make 12 swab runs, recover 86 bbls water, end FL 400'.

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
152	2305	ICC	4,827	ICC-RIGCOST-COMPLETION
152	2385	ICC	800	ICC-RENTALS-FISHINGTOOLS

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

RECEIVED Oct. 18, 2011

Berry Daily Completion and Workover

Report # 6, Report Date: 10/4/2011

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah
Well Configuration Type	**Original KB Elevation (ftKB)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Head Distance (ft)**
	6,626	14.00		

Primary Job Type	Secondary Job Type
Competion	

Objective

Contractor	Rig Number
Stevenson well service	2

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C11-032009		5,744	373,159

Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hrs)

Job Contact	Title	Mobile

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	00:00				Safety Meeting, SITP 50 psi, bleed well off, Cont. swab 28 runs recovered 156 bbls water, Beg FL @ surface, end FL @ 800', no oil, trace sand, getting gas cut.

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
152	2305	ICC	4,944	ICC-RIGCOST-COMPLETION
152	2385	ICC	800	ICC-RENTALS-FISHINGTOOLS

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

RECEIVED Oct. 18, 2011

Berry Daily Completion and Workover

Report # 7, Report Date: 10/5/2011

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah
Well Configuration Type	**Original KB Elevation (ftKB)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Head Distance (ft)**
	6,626	14.00		

Primary Job Type	Secondary Job Type
Competion	

Objective

Contractor	Rig Number
Stevenson well service	2

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C11-032009		5,736	378,895

Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hrs)

Job Contact	Title	Mobile

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	00:00				Safety Meeting, SITP 0 SICP 50, bleed off well, Beg FL 400', Cont. swab make 28 runs, recover 156 bbls water, trace oil, gas cut fluid, no sand, Total recovered 398

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
152	2305	ICC	4,936	ICC-RIGCOST-COMPLETION
152	2385	ICC	800	ICC-RENTALS-FISHINGTOOLS

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

RECEIVED Oct. 18, 2011

Berry Daily Completion and Workover

Report # 8, Report Date: 10/6/2011

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah
Well Configuration Type	**Original KB Elevation (ftKB)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Head Distance (ft)**
	6,626	14.00		

Primary Job Type	Secondary Job Type
Competion	

Objective

Contractor	Rig Number
Stevenson well service	2

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C11-032009		5,164	384,059

Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hrs)

Job Contact	Title	Mobile

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	00:00				Safety Meeting, SITP 0, SICP 50 psi, Start swabbing beg FL@ 900' make 20 swab runs, recovered 120 bbls, started seeing 30 % oil cut around run #10, gas cut fluid, ending FL 2600'. Total recovered 518 bbls

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
152	2305	ICC	4,944	ICC-RIGCOST-COMPLETION
152	2385	ICC	220	ICC-RENTALS-FISHINGTOOLS

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

RECEIVED Oct. 18, 2011

Berry Daily Completion and Workover

Report # 9, Report Date: 10/7/2011

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah
Well Configuration Type	**Original KB Elevation (ftKB)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Head Distance (ft)**
	6,626	14.00		

Primary Job Type	Secondary Job Type
Competion	

Objective

Contractor	Rig Number
Stevenson well service	2

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C11-032009		5,164	389,223

Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hrs)

Job Contact	Title	Mobile

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	00:00				Safety Meeting, SICP 120 psi, SITP 50 psi, Open well, RU swab equip, Start FL 800', make 20 swab runs recover 120 bbls, End FL 2400' 10 % oil cut and gas cut fluid, w/ trace sand. RD swab equip prep to drill out plugs monday. SWI Total recovered 638 bbls

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
152	2305	ICC	4,944	ICC-RIGCOST-COMPLETION
152	2385	ICC	220	ICC-RENTALS-FISHINGTOOLS

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

RECEIVED Oct. 18, 2011

Berry Daily Completion and Workover

Report # 10, Report Date: 10/12/2011

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah
Well Configuration Type	**Original KB Elevation (ftKB)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Head Distance (ft)**
	6,626	14.00		

Primary Job Type	Secondary Job Type
Competion	

Objective

Contractor	Rig Number
Stevenson well service	2

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C11-032009		6,370	395,593

Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hrs)

Job Contact	Title	Mobile

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	14:30	14.50	DRPG	Drill out plugs	CREW TRAVEL, CREW CHANGE, SAFETY MEETING. SICP 220 PSI & SITP 100 PSI. BLOW WELL DOWN. HOT OILER FLUSH TBG W/ 40 BBLS @ 250 PSI. POOH W/ 160 JTS. L/D S/N. RIH W/ 4-3/4" BIT & POBS, 1 JT & YN NIP. TAG FILL @ 5,115'. P/U POWER SWIVEL & BREAK CIRC. C/O 45' SAND TO CBP @ 5,160' AND D/O CBP. CONT AND C/O 20' SAND ABOVE CBP AND D/O CBP @ 5,420' . CIRC CLEAN. SDFN CREW CHANGE & TRAVEL.

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
152	2305	ICC	5,820	ICC-RIGCOST-COMPLETION
152	2340	ICC	550	ICC-HOT OILING

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

RECEIVED Oct. 18, 2011

Berry Daily Completion and Workover

Report # 11, Report Date: 10/13/2011

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah
Well Configuration Type	**Original KB Elevation (ftKB)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Head Distance (ft)**
	6,626	14.00		

Primary Job Type	Secondary Job Type
Competion	

Objective

Contractor	Rig Number
Stevenson well service	2

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C11-032009		5,920	401,513

Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hrs)

Job Contact	Title	Mobile

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	14:00	14.00	DRPG	Drill out plugs	CREW TRAVEL, CHANGE CLOTHES, SAFETY MEETING. SICP 350 & SITP 0. BLED WELL DOWN. RIH & TAG FILL @ 5,590'. R/U POWER SWIVEL AND BREAK CIRC. C/O 30' SAND AND D/O CBP @ 5,620'. TAG 40' SAND AND C/O THEN D/O CBP @ 5,920'. TAG 31' SAND & C/O & D/O CBP @ 6,166'. TAG 50' SAND & C/O TO F.C. @ 6,430'. CIRC CLEAN FOR 2 HOURS. R/D SWIVEL. L/D 4 JTS & POOH 20 STDS. EOT @ 5,061'. SDFN CREW CHANGE & TRAVEL

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
152	2305	ICC	5,920	ICC-RIGCOST-COMPLETION

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

RECEIVED Oct. 18, 2011

Berry Daily Completion and Workover

Report # 12, Report Date: 10/14/2011

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah
Well Configuration Type	**Original KB Elevation (ftKB)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Head Distance (ft)**
	6,626	14.00		

Primary Job Type	Secondary Job Type
Competion	

Objective

Contractor	Rig Number
Stevenson well service	2

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C11-032009		5,930	407,443

Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hrs)

Job Contact	Title	Mobile

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	14:00	14.00	DRPG	Drill out plugs	CREW TRAVEL, CHANGE CLOTHES, SAFETY MEETING. SICP 320 & SITP 0. BLED WELL DOWN TO 100 PSI FLOWING PRESSURE. FLOWED BACK 60 BBLS. POOH TO EOT @ 1,230'. WELL FLOWING @ +/- 2 BPM. ROLL HOLE AND TRY TO TOP KILL BUT STILL FLOWING. RIH TO 5,050 AND ROLL HOLE WELL FLOWING +/- 1 BPM. R/U WELL TO FLOW OVERNIGHT. WATCH WELL UNTIL FLOW HAND READY. CREW CHANGE & TRAVEL.

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
152	2111	ICC	280	ICC-TRUCKING&HAULING
152	2305	ICC	5,650	ICC-RIGCOST-COMPLETION

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

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Berry Daily Completion and Workover

Report # 13, Report Date: 10/15/2011

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah
Well Configuration Type	**Original KB Elevation (ftKB)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Head Distance (ft)**
	6,626	14.00		

Primary Job Type	Secondary Job Type
Competion	

Objective

Contractor	Rig Number
Stevenson well service	2

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C11-032009		5,890	413,333

Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hrs)

Job Contact	Title	Mobile

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	15:00	15.00	DRPG	Drill out plugs	CREW TRAVEL, CHANGE CLOTHES, SAFETY MEETING. SITP 0 & SICP 0 (PLUG WITH OIL). HOT OILER PUMP 50 BBLS DOWN TBG @ 250 PSI. OPEN UP AND FLOWED @ 100 PSI. RIG PUMP 150 BBLS. POOH & L/D BIT AND PUMP OFF BIT SUB. RIH W/ TBG TO TAC TOP OF 6,296.03', S/N TOP @ 6,298.93' & EOT @ 6,331.67'. LAND TBG IN 16,000 TENSION. R/D TBG EQUIPMENT AAND R/U ROD EQUIP. RIH W/ RODS & 2-1/2 X 1-3/4 X 24 PUMP. SEAT PUMP. TBG STANDING FULL. STROKE TEST TO 500 PSI AND HELD. R/U SURFACE CREW CHANGE & TRAVEL

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
152	2305	ICC	5,890	ICC-RIGCOST-COMPLETION

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

RECEIVED Oct. 18, 2011

C

FORM 6

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

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
4301350601	LC FEE 16-16D-56		SWSE	16	5S	6W	DUCHESNE
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
E	18165	18165	8/12/2011			10/15/2011	

Comments: WELL COMPLETED TO THE WASATCH
GR-WS

CONFIDENTIAL 11/30/11

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 Kennedy
Name (Please Print)

Brooke Kennedy
Signature

Regulatory Assistant
Title

11/30/11
Date

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DIV. OF OIL, GAS & MINING

(5/2000)

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

AMENDED REPORT ☑ (highlight changes)

FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER: LC FEE 16-16D-56

9. API NUMBER: 4301350601

10 FIELD AND POOL, OR WILDCAT: LAKE CANYON

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 16 5S 6W U

12. COUNTY: DUCHESNE

13. STATE: UTAH

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: SWSE 1046' FSL 2110' FEL

AT TOP PRODUCING INTERVAL REPORTED BELOW: SES 759' FSL 997' FEL

AT TOTAL DEPTH: SESE ~~889~~ 582' FSL 72~~7~~ 43' FEL BHL by HSM

14. DATE SPUDDED: 8/12/2011

15. DATE T.D. REACHED: 9/17/2011

16. DATE COMPLETED: 10/15/2011 ABANDONED ☐ READY TO PRODUCE ☑

17. ELEVATIONS (DF, RKB, RT, GL): 6612 GL

18. TOTAL DEPTH: MD 6,500 TVD 6215

19. PLUG BACK T.D.: MD 6,432 TVD 6147

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

ELECTRIC

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		628		G 350			
7.875	5.5 J-55	15.5		6,476		PL 220		410	
						PLHS 430			
						PRGN 250			

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	6,331							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) WASATCH	5,180	6,361		
(B) UTELAND BUTTE	5,032	5,116		
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)		SIZE	NO. HOLES	PERFORATION STATUS
6,181	6,361	.36	25	Open ☑ Squeezed ☐
5,943	6,162	.36	38	Open ☑ Squeezed ☐
5,632	5,871	.36	44	Open ☑ Squeezed ☐
5,458	5,586	.36	24	Open ☑ Squeezed ☐

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
6181 TO 6361	FRAC W/72,000 LBS SAND & 1173 BBLS FLUID
5943 TO 6162	FRAC W/132,000 LBS SAND & 1850 BBLS FLUID
5632 TO 5871	FRAC W/128,000 LBS SAND & 1810 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

(5/2000)

(CONTINUED ON BACK)

RECEIVED
NOV 30 2011
DIV. OF OIL, GAS & MINING

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
10/18/2011		11/8/2011		24			105	22	36	GAS PUMPI
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:
	325	40								PRODUCIN

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.

34. FORMATION (Log) MARKERS:

Name	Top (Measured Depth)
GR (FOUCH MRKR)	971
MAHOGANY	1,715
TGR3	2,768
DOUGLAS CREEK	3,613
BLACK SHALE	4,253
CASTLE PEAK	4,583
UTELAND	4,932
WASATCH	5,161

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 BROADHEAD TITLE REGULATORY ASSISTANT

SIGNATURE Brooke Broadhead DATE 11/28/2011

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

(5/2000)

(Continued)...

26. 5180 to 5377, .36 (size) 26 (holes) Open

    5032 to 5116, .36 (size) 22 (holes) Open

27. 5180 to 5377 Frac w/72,000 lbs sand & 1150 bbls fluid.

    5032 to 5116 Frac w/80,000 lbs sand & 1535 bbls fluid.

GREAT WHITE

DIRECTIONAL SERVICES, LLC

Survey Certification Sheet

Report Date: 10-18-11

GWDS Job #: 03164-432-21 / Directional

Operator: Berry Petroleum Co.
Well Name: LC FEE 16-16D-56
API#: 43-013-50601
County/State: Duchesne Co., UT
Well SHL: 1046' FSL & 2110' FEL (SWSE) Sec. 16-T5S-R6W
Well SHL: 40° 2' 31.995" N (NAD27)
110° 33' 43.740" W (NAD27)

Drilling Rig Contractor: Berry Rig 5 (RKB: 14')

Surveyed Dates: 9/1/11-9/11/11
Surveyed from a depth of: OH: 635.00' MD to 6450.00' MD

Type of Survey: MWD Surveys (STB=50')

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.

Bret Wolford

Bret Wolford

Great White Directional Services, LLC - Well Planner

PO Box 427 • MILLS, WY 82644 • 63 CASPER VIEW COURT • MILLS, WY 82644
OFFICE (307) 472-7400 • FAX (307) 473-7200

Berry Petroleum Company

Project: Duchesne Co., UT (UT27C)
Site: Sec.16-T5S-R6W
Well: LC FEE 16-16D-56
Wellbore: Wellbore #1
Design: Design #2
Latitude: 40° 2' 31.995 N
Longitude: 110° 33' 43.740 W
Ground Level: 6612.00
WELL @ 6626.00usft (Berry Rig 5)

GREAT WHITE DIRECTIONAL SERVICES, L.L.C.

WELL DETAILS: LC FEE 16-16D-56

Ground Level: 6612.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	623800.646	2262566.221	40° 2' 31.995 N	110° 33' 43.740 W	

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
LC FEE 16-16D Tgt	6186.00	-376.04	1456.03	40° 2' 28.279 N	110° 33' 25.018 W	Polygon

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
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	Start Build 3.00
1490.26	26.71	104.48	1458.37	-50.95	197.29	3.00	104.48	203.76	Start 1818.96 hold at 1490.26 MD
3309.22	26.71	104.48	3083.26	-255.38	988.83	0.00	0.00	1021.28	Start Drop -1.50
5089.74	0.00	0.00	4800.00	-357.29	1383.41	1.50	180.00	1428.60	Start 1386.00 hold at 5089.74 MD
6476.74	0.00	0.00	6186.00	-357.29	1383.41	0.00	0.00	1428.60	TD at 6476.74

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

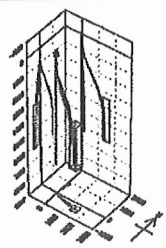
System Datum: Mean Sea Level

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well LC FEE 16-16D-56, True North
Vertical (TVD) Reference: WELL @ 6626.00usft (Berry Rig 5)
Section (VS) Reference: Slot - (0.00N, 0.00E)
Measured Depth Reference: WELL @ 6626.00usft (Berry Rig 5)
Calculation Method: Minimum Curvature

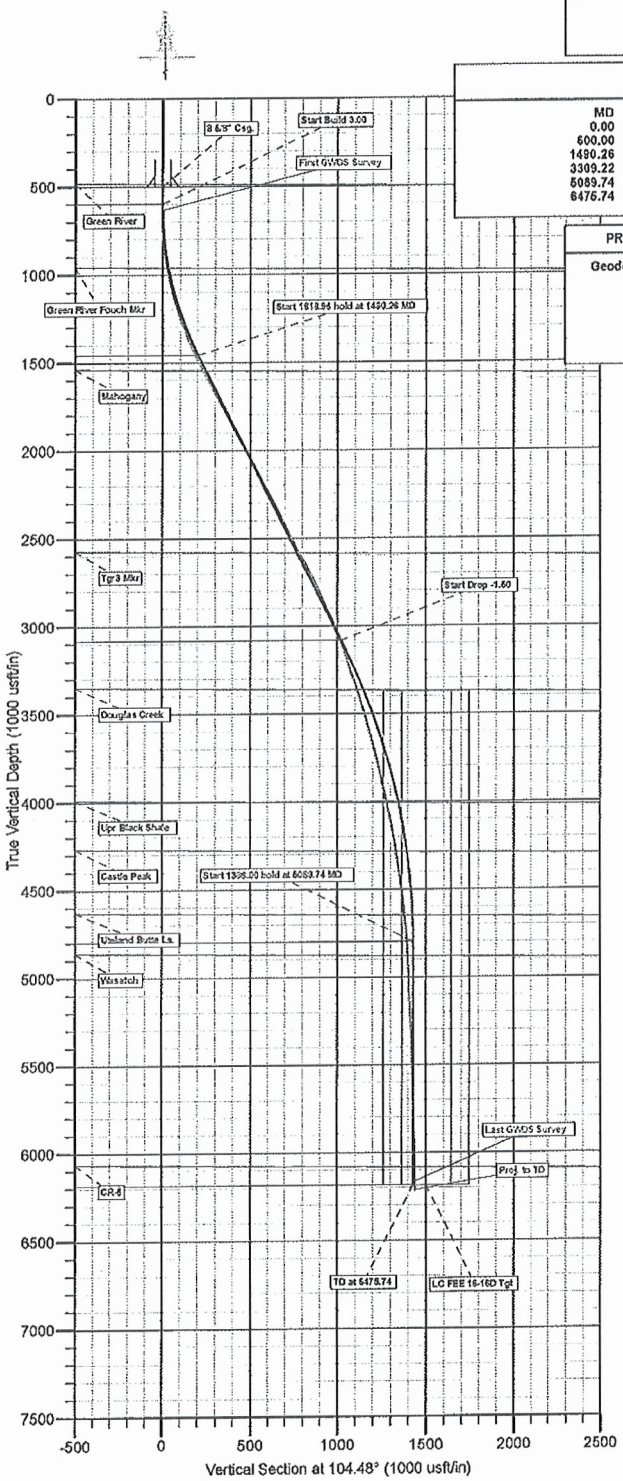
FORMATION TOP DETAILS

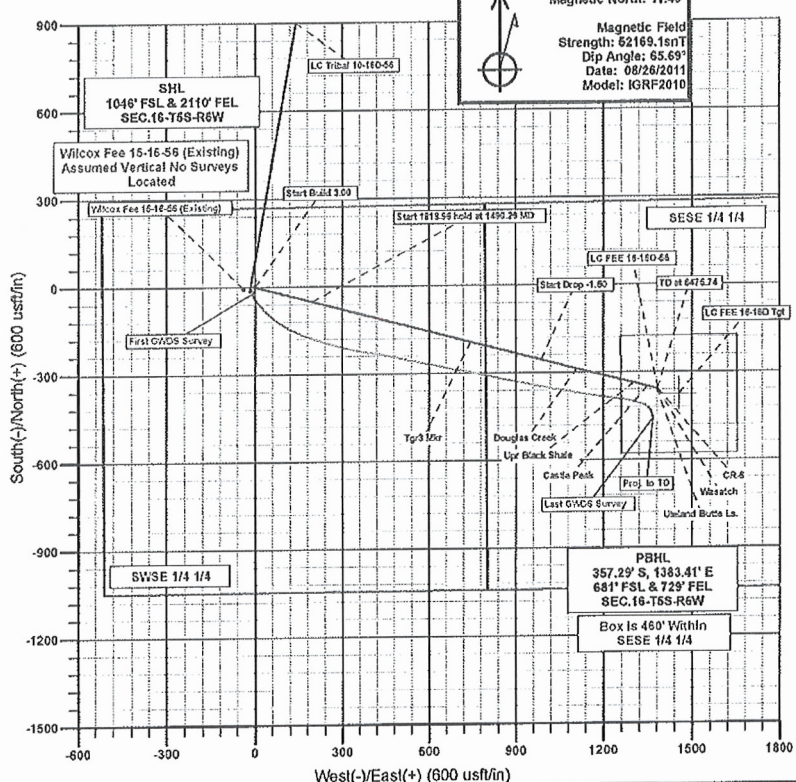
TVDPath	MDPath	Formation
486.00	486.00	Green River
952.35	964.55	Green River Fouch Mkr
1545.46	1587.76	Mahogany
2684.66	2761.07	Tgr3 Mkr
3365.43	3619.11	Douglas Creek
4009.39	4293.38	Upr Black Shale
4285.87	4574.04	Castle Peak
4649.19	4938.89	Uteland Butte Ls.
4879.21	5168.96	Wasatch
6085.21	6374.96	CR-6



Azimuths to True North
Magnetic North: 11.49°

Magnetic Field
Strength: 52169.1snT
Dip Angle: 65.69°
Date: 08/26/2011
Model: IGRF2010





Plan: Design #2 (LC FEE 16-16D-56/Wellbore #1)

Created By: BRET WOLFORD Date: 9:33, September 12 2011

Berry Petroleum Company

Duchesne Co., UT (UT27C)
Sec.16-T5S-R6W
LC FEE 16-16D-56

Wellbore #1

Survey: Survey #1

Standard Survey Report

12 September, 2011

GREAT WHITE
DIRECTIONAL SERVICES, L.L.C.

Great White Directional Services, LLC

Survey Report

Company:	Berry Petroleum Company	Local Co-ordinate Reference:	Well LC FEE 16-16D-56
Project:	Duchesne Co., UT (UT27C)	TVD Reference:	WELL @ 6626.00usft (Berry Rig 5)
Site:	Sec.16-T5S-R6W	MD Reference:	WELL @ 6626.00usft (Berry Rig 5)
Well:	LC FEE 16-16D-56	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 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.16-T5S-R6W

Site Position:		Northing:	622,848.803 usft	Latitude:	40° 2' 22.801 N
From:	Lat/Long	Easting:	2,260,506.464 usft	Longitude:	110° 34' 10.351 W
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16"	Grid Convergence:	0.60 °

Well LC FEE 16-16D-56

Well Position	+N/-S	0.00 usft	Northing:	623,800.646 usft	Latitude:	40° 2' 31.995 N
	+E/-W	0.00 usft	Easting:	2,262,566.221 usft	Longitude:	110° 33' 43.740 W
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	6,612.00 usft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2011/08/26	11.49	65.69	52,169

Design Wellbore #1

Audit Notes:

Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	104.48

Survey Program Date 2011/09/12

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
635.00	6,500.00	Survey #1 (Wellbore #1)	MWD	MWD - Standard

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
First GWDS Survey									
635.00	4.04	196.85	634.47	-21.42	-6.49	-0.92	0.64	0.64	0.00
697.00	4.84	187.89	696.29	-26.10	-7.48	-0.72	1.70	1.29	-14.45
758.00	5.58	161.61	757.04	-31.46	-6.90	1.19	4.05	1.21	-43.08
820.00	6.94	144.56	818.68	-37.38	-3.77	5.69	3.69	2.19	-27.50
881.00	9.76	143.33	879.03	-44.53	1.45	12.54	4.63	4.62	-2.02
942.00	11.78	142.10	938.95	-53.59	8.37	21.50	3.33	3.31	-2.02
1,003.00	13.97	140.25	998.41	-64.16	16.90	32.41	3.65	3.59	-3.03
1,066.00	15.42	136.47	1,059.35	-76.08	27.53	45.68	2.76	2.30	-6.00
1,129.00	16.96	134.10	1,119.85	-88.55	39.90	60.78	2.66	2.44	-3.76
1,193.00	18.94	130.41	1,180.73	-101.78	54.51	78.23	3.57	3.09	-5.77
1,256.00	20.21	126.63	1,240.09	-114.90	71.03	97.51	2.85	2.02	-6.00

Great White Directional Services, LLC

Survey Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well LC FEE 16-16D-56
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 6626.00usft (Berry Rig 5)
Site:	Sec.16-T5S-R6W	**MD Reference:**	WELL @ 6626.00usft (Berry Rig 5)
Well:	LC FEE 16-16D-56	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 5000.1 EDMDBBW

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Doglag Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
1,319.00	21.36	122.84	1,299.00	-127.62	89.41	118.48	2.81	1.83	-6.02
1,383.00	23.12	119.86	1,358.23	-140.20	110.10	141.66	3.27	2.75	-4.66
1,446.00	24.92	116.52	1,415.78	-152.28	132.71	166.57	3.58	2.86	-5.30
1,510.00	27.11	111.77	1,473.30	-163.72	158.32	194.23	4.72	3.42	-7.42
1,605.00	27.55	108.52	1,557.70	-178.72	199.25	237.62	1.64	0.46	-3.42
1,700.00	28.04	106.76	1,641.74	-192.14	241.47	281.84	1.01	0.52	-1.85
1,795.00	27.33	106.15	1,725.86	-204.65	283.80	325.95	0.80	-0.75	-0.64
1,890.00	28.04	103.07	1,809.99	-215.76	326.50	370.08	1.68	0.75	-3.24
1,985.00	29.44	99.20	1,893.29	-224.54	371.30	415.65	2.45	1.47	-4.07
2,080.00	29.35	98.15	1,976.06	-231.58	417.39	462.04	0.55	-0.09	-1.11
2,176.00	28.96	101.14	2,059.90	-239.40	463.49	508.63	1.57	-0.41	3.11
2,270.00	28.43	102.19	2,142.36	-248.53	507.69	553.71	0.78	-0.56	1.12
2,365.00	28.39	102.11	2,225.92	-258.04	551.88	598.87	0.06	-0.04	-0.08
2,461.00	28.13	101.75	2,310.48	-267.44	596.35	644.28	0.32	-0.27	-0.37
2,556.00	27.69	101.58	2,394.43	-276.43	639.90	688.69	0.47	-0.46	-0.18
2,651.00	26.89	100.70	2,478.85	-284.85	682.63	732.17	0.94	-0.84	-0.93
2,745.00	27.11	100.87	2,562.61	-292.83	724.55	774.76	0.25	0.23	0.18
2,841.00	27.02	101.22	2,648.09	-301.20	767.42	818.36	0.19	-0.09	0.36
2,936.00	26.85	101.93	2,732.79	-309.83	809.58	861.34	0.38	-0.18	0.75
3,031.00	25.84	101.84	2,817.92	-318.52	850.84	903.45	1.06	-1.06	-0.09
3,126.00	24.17	102.11	2,904.01	-326.85	890.12	943.57	1.76	-1.76	0.28
3,221.00	21.93	102.53	2,991.42	-334.78	926.46	980.74	2.36	-2.36	0.44
3,316.00	19.82	101.49	3,080.18	-341.83	959.56	1,014.55	2.25	-2.22	-1.09
3,410.00	19.38	99.47	3,168.74	-347.57	990.56	1,046.00	0.86	-0.47	-2.15
3,505.00	18.59	100.35	3,258.57	-352.89	1,021.00	1,076.81	0.88	-0.83	0.93
3,600.00	18.11	100.61	3,348.74	-358.33	1,050.41	1,106.65	0.51	-0.51	0.27
3,695.00	17.53	100.87	3,439.18	-363.74	1,078.98	1,135.66	0.62	-0.61	0.27
3,790.00	16.22	100.52	3,530.09	-368.86	1,106.07	1,163.17	1.38	-1.38	-0.37
3,885.00	15.12	99.12	3,621.55	-373.25	1,131.35	1,188.74	1.22	-1.16	-1.47
3,979.00	14.06	97.53	3,712.52	-376.69	1,154.78	1,212.29	1.21	-1.13	-1.69
4,074.00	12.88	96.22	3,804.91	-379.35	1,176.74	1,234.22	1.28	-1.24	-1.38
4,168.00	12.74	99.56	3,896.57	-382.21	1,197.38	1,254.91	0.80	-0.15	3.55
4,262.00	12.30	101.13	3,988.33	-385.86	1,217.43	1,275.24	0.59	-0.47	1.67
4,357.00	11.65	96.92	4,081.27	-388.97	1,236.88	1,294.85	1.15	-0.68	-4.43
4,451.00	10.72	98.68	4,173.48	-391.43	1,254.94	1,312.95	1.05	-0.99	1.87
4,545.00	9.27	100.26	4,266.05	-394.10	1,271.03	1,329.20	1.57	-1.54	1.68
4,640.00	8.13	101.05	4,359.96	-396.75	1,285.16	1,343.54	1.21	-1.20	0.83
4,736.00	8.04	103.95	4,455.00	-399.67	1,298.33	1,357.03	0.44	-0.09	3.02
4,831.00	6.89	105.53	4,549.20	-402.80	1,310.27	1,369.37	1.23	-1.21	1.66
4,926.00	5.58	106.58	4,643.63	-405.64	1,320.19	1,379.68	1.38	-1.38	1.11
5,021.00	4.44	108.35	4,738.27	-408.12	1,328.11	1,387.97	1.21	-1.20	1.86
5,116.00	3.87	110.81	4,833.02	-410.41	1,334.59	1,394.82	0.63	-0.60	2.59
5,211.00	3.64	115.46	4,927.82	-412.85	1,340.31	1,400.97	0.40	-0.24	4.89
5,306.00	2.55	126.19	5,022.68	-415.39	1,344.74	1,405.89	1.29	-1.15	11.29
5,399.00	2.42	126.54	5,115.59	-417.78	1,347.99	1,409.64	0.14	-0.14	0.38
5,494.00	2.29	133.31	5,210.51	-420.28	1,350.98	1,413.16	0.32	-0.14	7.13
5,588.00	2.46	137.44	5,304.43	-423.05	1,353.71	1,416.50	0.26	0.18	4.39
5,683.00	2.72	147.37	5,399.33	-426.45	1,356.31	1,419.86	0.54	0.27	10.45
5,778.00	2.64	150.44	5,494.23	-430.26	1,358.60	1,423.03	0.17	-0.08	3.23
5,873.00	2.68	157.83	5,589.13	-434.22	1,360.52	1,425.88	0.36	0.04	7.78
5,968.00	2.90	156.77	5,684.01	-438.48	1,362.31	1,428.67	0.24	0.23	-1.12
6,063.00	3.08	164.60	5,778.88	-443.15	1,363.93	1,431.41	0.47	0.19	8.24
6,158.00	3.30	172.50	5,873.74	-448.32	1,364.97	1,433.71	0.52	0.23	8.32
6,253.00	2.64	171.80	5,968.61	-453.20	1,365.64	1,435.58	0.70	-0.69	-0.74

Great White Directional Services, LLC

Survey Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well LC FEE 16-16D-56
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 6626.00usft (Berry Rig 5)
Site:	Sec.16-T5S-R6W	**MD Reference:**	WELL @ 6626.00usft (Berry Rig 5)
Well:	LC FEE 16-16D-56	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 5000.1 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)
6,348.00	2.42	173.03	6,063.52	-457.35	1,366.19	1,437.15	0.24	-0.23	1.29
Last GWDS Survey									
6,450.00	2.37	173.87	6,165.43	-461.59	1,366.68	1,438.68	0.06	-0.05	0.82
Proj. to TD									
6,500.00	2.37	173.87	6,215.38	-463.64	1,366.90	1,439.41	0.00	0.00	0.00

Survey Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
635.00	634.47	-21.42	-6.49	First GWDS Survey
6,450.00	6,165.43	-461.59	1,366.68	Last GWDS Survey
6,500.00	6,215.38	-463.64	1,366.89	Proj. to TD

Checked By: _____ Approved By: _____ Date: _____

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: FEE

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 FEE 16-16D-56

2. NAME OF OPERATOR:
BERRY PETROLEUM COMPANY

9. API NUMBER:
43013506010000

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:
1046 FSL 2110 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SWSE Section: 16 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

- ✓ NOTICE OF INTENT
  Approximate date work will start: 7/1/2012
- ☐ SUBSEQUENT REPORT
  Date of Work Completion:
- ☐ SPUD REPORT
  Date of Spud:
- ☐ DRILLING REPORT
  Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	✓ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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.

Approved by the Utah Division of Oil, Gas and Mining

Date: June 27, 2012

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Kathy K. Fieldsted	435 722-1325	Sr. Regulatory & Permitting Tech.

SIGNATURE	DATE
N/A	5/16/2012

RECEIVED: May. 16, 2012

AFFIDAVIT OF NOTICE

I Kathy Fieldsted the affiant herein, being of lawful age and duly sworn upon his oath deposes and states to the best of my knowledge as follows:

Kathy Fieldsted is a Sr. Regulatory & Permitting Tech. 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 notices to commingle production from the Wasatch and Green River formations in the following wells:

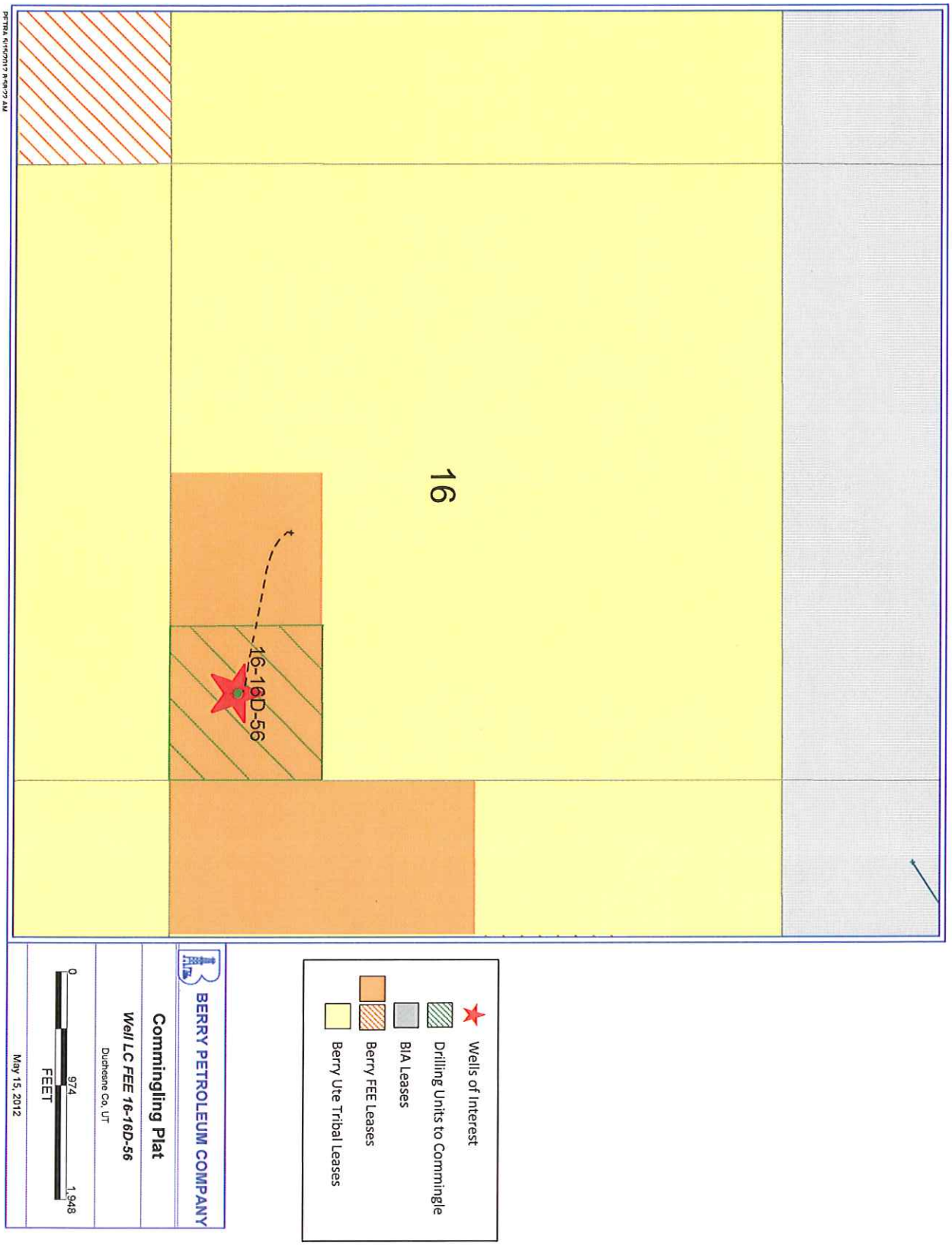
LC Fee 16-16D-56

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 15th day of May, 2012.

Berry Petroleum Company

By: Kathy Fieldsted


16
16-16D-56
Wells of Interest
Drilling Units to Commingle
BIA Leases
Berry FEE Leases
Berry Ute Tribal Leases
BERRY PETROLEUM COMPANY
Commingling Plat
Well LC FEE 16-16D-56
Duchesne Co, UT
0
974
1,948
FEET
May 15, 2012
PETRA 5/15/2012 8:59:22 AM

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: FEE

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 FEE 16-16D-56

2. NAME OF OPERATOR:
BERRY PETROLEUM COMPANY

9. API NUMBER:
43013506010000

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:
1046 FSL 2110 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SWSE Section: 16 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		
✓ NOTICE OF INTENT Approximate date work will start: 7/23/2012	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	✓ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PLEASE SEE THE ATTACHED RE-COMPLETION PROCEDURE FOR THE LC FEE 16-16D-56.

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Kathy K. Fieldsted	435 722-1325	Sr. Regulatory & Permitting Tech.

SIGNATURE	DATE
N/A	7/18/2012

RECEIVED: Jul. 18, 2012

LC Fee 16-16D-56

API: 43-013-50601
Duchesne County, UT

Add Pay Procedure

Objective
Add pay in the Douglas Creek, 3-Point, Castle Peak and Uteland Butte formations.

Completion Data
KB – 14' Above GL
8-5/8" 24#, J-55 at 628' w/ 350 sxs cement
5-1/2", 15.5#, J-55 at 6476' w/ 650 sxs cement

- TOC at 560' (CBL)
- PBTD at 6430' MD
- Burst – 4,810 psi (80% = 3,848 psi)

Tubing: 200 jts of 2-7/8" 6.5#, J-55, 8rd: TAC at 6296', PSN at 6299', EOT at 6332'
Rods: 96 – 7/8" rods; 150 – 3/4" rods, 4 weight bars, 1-3/4" insert pump

Procedure

1. MIRU workover rig. POOH and laydown rods and tubing. RDMO.

2. R/U E-line. Make GR/JB run to 5050'. GIH and set CBP at 5020'.
   - Correlate all runs to Halliburton Array Compensated True Resistivity Log dated 14-Sep-11.

3. Make sure lines are clear and test casing to 3,800 psi for 30 minutes with 2% KCL.

4. P/U 3-1/8" Titan EEG guns loaded with 19 gm SDP (EXP-3319-323T) at 2 spf, 120 phasing and perforate the 1st stage.
   - Perforations based on excel file "16-16D-56 – Perforation and Frac Volumes (7-17-2012)"

5. Move in frac tanks with fresh water. RU frac and E-line equipment for multi-stage job.

6. Frac all 4-stages down 5-1/2" casing while monitoring 8-5/8" casing.

7. Flow back all 4-stages until well dies or returns are free of sand.

8. MIRU workover rig. Drill out all plugs and cleanout to 6430' (PBTD).

9. Run tubing and rods as removed from well:
   - 200 jts of 2-7/8" 6.5#, J-55, 8rd: TAC at 6296', PSN at 6299', EOT at 6332'
   - 96 – 7/8" rods; 150 – 3/4" rods, 4 weight bars, 1-3/4" insert pump

10. Test pump to 500 psi, PWOP, RDMO.

LC Fee 16-16D-56

Stage	Stage Top	Stage Bmt	Zone	Top	Bottom	Feet	SPF	Total Holes	Stage Holes	Gross Interval Thickness (ft)	Net Perfed Thickness (ft)	7-1/2% Acid Volume	Sand Volume
4	3,916	4,128	Douglas Creek	3,916	3,917	1	2	2					
			3-Point	3,921	3,922	1	2	2			**70 BPM**		16/30
				3,948	3,949	1	2	2					
				4,008	4,010	2	2	4					
				4,040	4,041	1	2	2					
				4,053	4,054	1	2	2					
				4,072	4,074	2	2	4					
				4,109	4,110	1	2	2					
				4,126	4,128	2	2	4	**24**	**212**	**12**	**750**	**40,000**
CFP @ 4200'													
3	4,243	4,580	3-Point	4,243	4,244	1	2	2					
			Black Shale	4,256	4,258	2	2	4			**70 BPM**		16/30
			Castle Peak	4,343	4,344	1	2	2					
				4,367	4,368	1	2	2					
				4,418	4,420	2	2	4					
				4,514	4,516	2	2	4					
				4,576	4,580	4	2	8	**26**	**337**	**13**	**750**	**60,000**

Sundry Number: 27879 API Well Number: 43013506010000

CFP @ 4600'														
2	4,618	4,843	Castle Peak	4,618	4,619	1	2	2						
				4,634	4,635	1	2	2			**70 BPM**			16/30
				4,652	4,653	1	2	2						
				4,663	4,664	1	2	2						
				4,685	4,686	1	2	2						
				4,696	4,697	1	2	2						
				4,722	4,723	1	2	2						
				4,739	4,740	1	2	2						
				4,770	4,771	1	2	2						
				4,792	4,794	2	2	4						
				4,800	4,801	1	2	2						
				4,817	4,818	1	2	2						
				4,826	4,828	2	2	4						
				4,842	4,843	1	2	2	**32**	**225**	**16**	**750**		**75,000**
CFP @ 4865'														
1	4,886	5,010	Castle Peak	4,886	4,888	2	2	4						
			Uteland Butte	4,900	4,902	2	2	4			**70 BPM**			16/30
				4,934	4,936	2	2	4						
				4,958	4,960	2	2	4						
				4,980	4,982	2	2	4						
				4,994	4,996	2	2	4				BALL SEALERS		
				5,008	5,010	2	2	4	**28**	**124**	**14**	**2,500**		**75,000**
CBP @ 5025'														
														250,000

Sundry Number: 27879 API Well Number: 43013506010000

RECEIVED

SEP 2 1 2012

DIV. OF OIL, GAS & MINING

CONFIDENTIAL

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

AMENDED REPORT ☐ (highlight changes)

FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER: LC FEE 16-16D-56

9. API NUMBER: 4301350601

10 FIELD AND POOL, OR WILDCAT: Lake Canyon

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: 722-1325

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 1046 FSL 2110 FEL
AT TOP PRODUCING INTERVAL REPORTED BELOW: 759 FSL 997 FEL SESE
AT TOTAL DEPTH: 681 FSL 729 FEL SESE

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 16 5S 6W U

12. COUNTY: Duchesne

13. STATE: UTAH

14. DATE SPUDDED:

15. DATE T.D. REACHED:

16. DATE COMPLETED: 8/15/2012 ABANDONED ☐ READY TO PRODUCE ☑

17. ELEVATIONS (DF, RKB, RT, GL):

18. TOTAL DEPTH: MD TVD

19. PLUG BACK T.D.: MD 6,432 TVD

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
Electric

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

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	6,266							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Uteland Butte	4,886	5,010		
(B) Castle Peak	4,618	4,843		
(C) 3 Point	4,243	4,580		
(D) Douglas Creek	3,916	4,128		

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)		SIZE	NO. HOLES	PERFORATION STATUS
4,886	5,010	.42	28	Open ☑ Squeezed ☐
4,618	4,843	.42	32	Open ☑ Squeezed ☐
4,243	4,580	.42	26	Open ☑ Squeezed ☐
3,916	4,128	.42	24	Open ☑ Squeezed ☐

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
4886 to 5010	Frac w/35,000 lbs sand & 1299 bbls fluid
4618 to 4843	Frac w/ 75,000 lbs sand & 1114 bbls of fluid
4243 to 4580	Frac w/ 60,000 lbs sand & 1246 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:

(5/2000)

(CONTINUED ON BACK)

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
8/30/2012		8/30/2012		24			71	145	100	Pumping
CHOKE SIZE:	TBG. PRESS. 250	CSG. PRESS. 50	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.

34. FORMATION (Log) MARKERS:

Name	Top (Measured Depth)
GR(fouch)	971
Mahogany	1,715
TGR3	2,768
Douglas Creek	3,613
3 Point	3,962
Black Shale	4,253
Castle Peak	4,684
Uteland Butte	4,932
Wasatch	5,140

35. ADDITIONAL REMARKS (Include plugging procedure)

28. 3916 to 4128 Frac w/ 40,000 lbs sand & 803 bbls fluid

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Kathy K. Fieldsted TITLE Sr. Regulatory & Permitting

SIGNATURE Kathy K. Fieldsted DATE 9/18/2012

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

Berry Daily Completion and Workover - Internal

Report # 1, Report Date: 8/7/2012

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah

Well Configuration Type	Original KB Elevation (ftKB)	KB-Ground Distance (ft)	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB)	PBTD (All) (ftKB)
	6,626	14.00		6,612	

Primary Job Type	Secondary Job Type
Fracture Treatment	

Objective

Contractor	Rig Number
Stevenson	1

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C12 034016		195,540	195,540

Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hrs)

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	PREP PAD. R/U PRODUCTION EQUIPMENT. R/U FRAC & WIRE LINE EQUIPMENT. FILL AND HEAT 13 TANKS ON PAD (3 TANKS W/ 20% KCL). 18 MORE TANKS ON ADJACENT PAD. SET MANIFOLD ON TANKS. TEST FRAC TREE AND CASING, OKAY (8/6/2012).
12:00	12:00		PFRT	Perforating	(8/6/2012) PERFORATE STAGE #1 IN THE CASTLE PEAK/UTELAND FROM 4,886' - 5,010' @ 2 SPF, 120 DEGREE PHASING, 22.7 GRAM CHARGE, & EHD OF .42". CHARGE P/N IS TITAN EXP-3323-322T WITH PENETRATION OF 35.1. 28 TOTAL HOLES. 4,886'-88', 4,900'-02', 4,934'-36', 4,958'-60', 4,980'-82', 4,994'-96', AND 5,008'-10'.
12:00	12:00		FRAC	Frac. Job	MAVERICK TEST LINES AND FRAC STAGE #1 WELL OPEN @ 100 PSI BROKE DOWN 5.0 BPM @ 3,440 PSI MAX RATE @ 71.9 BPM MAX PRESSURE @ 4,750 AVG RATE @ 59.7 BPM AVG PRESSURE @ 4,202 TOTAL FLUID OF 1,299 BBLS ISDP 1,240 FINAL FRAC GRADIENT OF .68 35,000 LBS OF 16/30 TEXAS GOLD
12:00	12:00		PFRT	Perforating	SET CFP @ 4,865'. PERFORATE STAGE #2 IN THE CASTLE PEAK FROM 4,618' - 4,843' @ 2 SPF, 120 DEGREE PHASING, 22.7 GRAM CHARGE, & EHD OF .42". CHARGE P/N IS TITAN EXP-3323-322T WITH PENETRATION OF 35.1. 32 TOTAL HOLES. 4,618'-19', 4,634'-35', 4,652'-53', 4,663'-64', 4,685'-86', 4.696'-97', 4,722'-23', 4,739'-40', 4,770'-71', 4,792'-94', 4,800'-01', 4,817'-18', 4,826'-28', AND 4,842'-43'.
12:00	12:00		FRAC	Frac. Job	MAVERICK TEST LINES AND FRAC STAGE #2 WELL OPEN @ 390 PSI BROKE DOWN 5.0 BPM @ 3,270 PSI MAX RATE @ 70.1 BPM MAX PRESSURE @ 4,800 AVG RATE @ 61.4 BPM AVG PRESSURE @ 2,723 TOTAL FLUID OF 1,114 BBLS ISDP 1,268 FINAL FRAC GRADIENT OF .70 75,000 LBS OF 16/30 TEXAS GOLD
12:00	12:00		PFRT	Perforating	SET CFP @ 4,593'. PERFORATE STAGE #3 IN THE 3 POINT BLACK SHALE/CASTLE PEAK FROM 4,243' - 4,580' @ 2 SPF, 120 DEGREE PHASING, 22.7 GRAM CHARGE, & EHD OF .42". CHARGE P/N IS TITAN EXP-3323-322T WITH PENETRATION OF 35.1. 26 TOTAL HOLES. 4,243'-44', 4,256'-58', 4,343'-44', 4,367'-68', 4,418'-20', 4,514'-16', AND 4,576'-80'.

Berry Daily Completion and Workover - Internal

Report # 1, Report Date: 8/7/2012

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah

Well Configuration Type	Original KB Elevation (ftKB)	KB-Ground Distance (ft)	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB)	PBTD (All) (ftKB)
	6,626	14.00		6,612	

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
12:00	12:00		FRAC	Frac. Job	MAVERICK TEST LINES AND FRAC STAGE #3 WELL OPEN @ 490 PSI BROKE DOWN 5.0 BPM @ 3,210 PSI MAX RATE @ 72.5 BPM MAX PRESSURE @ 4,720 AVG RATE @ 69.3 BPM AVG PRESSURE @ 3,094 TOTAL FLUID OF 1,246 BBLS ISDP 1,460 FINAL FRAC GRADIENT OF .76 60,000 LBS OF 16/30 TEXAS GOLD
12:00	12:00		PFRT	Perforating	SET CFP @ 4,193'. PERFORATE STAGE #4 IN THE DOUGLAS CREEK/3 POINT FROM 3,916' - 4,128' @ 2 SPF, 120 DEGREE PHASING, 22.7 GRAM CHARGE, & EHD OF .42". CHARGE P/N IS TITAN EXP-3323-322T WITH PENETRATION OF 35.1. 24 TOTAL HOLES. 3,916'-17', 3,921'-22', 3,948'-49', 4,008'-10', 4,040'-41', 4,053'-54', 4,072'-74', 4,109'-10', AND 4,126'-28'.
12:00	12:00		FRAC	Frac. Job	MAVERICK TEST LINES AND FRAC STAGE #4 WELL OPEN @ 670 PSI BROKE DOWN 5.0 BPM @ 2,720 PSI MAX RATE @ 67.4 BPM MAX PRESSURE @ 3,900 AVG RATE @ 64.2 BPM AVG PRESSURE @ 3,013 TOTAL FLUID OF 803 BBLS ISDP 1,120 FINAL FRAC GRADIENT OF .71 40,000 LBS OF 16/30 TEXAS GOLD
12:00	12:00		GOP	General Operations	R/D PIONEER WIRE LINE & MAVERICK/BASIC. LEAVE WELL S.I. TOTAL FLUID 4,462 BBLS.
12:00	12:00		LD/PU BHA	Lay down or pick up BHA	PRIOR TO FRAC RIG CREW TRAVEL, CHANGE CLOTHES & SAFETY MEETING. MIRU SITP 125 & SICP 500. BLOW WELL DOWN. HOT OIL WELL. L/D RODS & PUMP & TBG. NDBOP N/U FLANGE. RDWOR

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
152	2340	ICC	1,550	ICC-HOT OILING
152	2125	ICC	1,200	ICC-CONTRACTSUPERVISION
152	2305	ICC	4,770	ICC-RIGCOST-COMPLETION
152	2345	ICC	4,510	ICC-PERFORATING
152	2360	ICC	170,850	ICC-STIMULATION/ACIDIZING
152	2340	ICC	240	ICC-HOT OILING
152	2345	ICC	11,610	ICC-PERFORATING
152	2111	ICC	810	ICC-TRUCKING&HAULING

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)

Berry Daily Completion and Workover - Internal

Well Name: LC FEE 16-16D-56

Report # 1, Report Date: 8/7/2012

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah

Well Configuration Type	Original KB Elevation (ftKB)	KB-Ground Distance (ft)	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB)	PBTD (All) (ftKB)
	6,626	14.00		6,612	

Other In Hole

Description	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)

Cement

Description	Start Date	Cement Comp

Berry Daily Completion and Workover - Internal

Report # 2, Report Date: 8/13/2012

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah

Well Configuration Type	Original KB Elevation (ftKB)	KB-Ground Distance (ft)	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB)	PBTD (All) (ftKB)
	6,626	14.00		6,612	

Primary Job Type	Secondary Job Type
Fracture Treatment	

Objective

Contractor	Rig Number
Stevenson	1

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C12 034016		8,767	204,307

Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hrs)

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. ND frac valve. NU BOP. RIH w/ 4 3/4" bit, bit sub & 2 7/8" tbg. from pipe trailer (tallying & drifting). Tag CBP @ 4193'. RU powerswivel. DU CBP in 8 min. Cont. RIH w/ tbg. Tag fill @ 4535'. C/O to CBP @ 4593'. DU CBP in 10 min. Cont. RIH w/ tbg. Tag fill @ 4663'. C/O to CBP @ 4865'. DU CBP in 12 min. Cont. RIH w/ tbg. Tag fill @ 5005'. C/O to CBP @ 5025'. DU CBP in 17 min. Circulate well clean. Well flowing up csg. Turn well over to flowback crew. Lost 350 bbls water today. 4057 BWTR.

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
152	2305	ICC	6,847	ICC-RIGCOST-COMPLETION
152	2380	ICC	750	ICC-SURFACE RENTALS
152	2111	ICC	520	ICC-TRUCKING&HAULING
152	2111	ICC	650	ICC-TRUCKING&HAULING

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 - Internal

Well Name: LC FEE 16-16D-56

Report # 3, Report Date: 8/14/2012

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah

Well Configuration Type	Original KB Elevation (ftKB)	KB-Ground Distance (ft)	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB)	PBTD (All) (ftKB)
	6,626	14.00		6,612	

Primary Job Type	Secondary Job Type
Fracture Treatment	

Objective

Contractor	Rig Number
Stevenson	1

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C12 034016		6,799	211,106

Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hrs)

Job Contact	Title	Mobile

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	00:00				Hold safety meeting. SICP @ 0 psi. Cont. RIH w/ tbg. Tag fill @ 6177'. C/O to PBTD @ 6432'. Circulate well clean. POOH w/ tbg. LD BHA. RIH w/ 1 jt 2 7/8" tbg., PSN, 1 jt 2 7/8" tbg., TAC & 198 jts 2 7/8" tbg. ND BOP. Set TAC @ 6266' w/ 10,000# tension. NU wellhead. X-over for rods. 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
152	2305	ICC	6,049	ICC-RIGCOST-COMPLETION
152	2380	ICC	750	ICC-SURFACE RENTALS

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 - Internal

Report # 4, Report Date: 8/15/2012

Well Name: LC FEE 16-16D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah

Well Configuration Type	Original KB Elevation (ftKB)	KB-Ground Distance (ft)	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB)	PBTD (All) (ftKB)
	6,626	14.00		6,612	

Primary Job Type	Secondary Job Type
Fracture Treatment	

Objective

Contractor	Rig Number
Stevenson	1

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C12 034016		7,172	218,278

Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hrs)

Job Contact	Title	Mobile

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	00:00				Hold safety meeting. RIH w/ Weatherford 2 1/2" x 1 3/4" x 24' RHAC pump, 4- 1 1/2" weight bars w/ stab subs, 150- 3/4" guided rods (4 per), 96- 7/8" guided rods (4 per), 1- 8', 6', 4' x 7/8" pony subs, 1 1/2" x 24' polished rod. Seat pump. Stroke test to 500 psi. Good pump action. RU pumping unit. Hang off rods. RD. PWOP @ 3:00 p.m. Final Report. 3978 BWTR.

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
152	2305	ICC	3,972	ICC-RIGCOST-COMPLETION
154	3535	TCC	3,200	TCC-SUCKER ROD, PUMPS, SINKER BARS

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

Uinta Wellbore Schematic

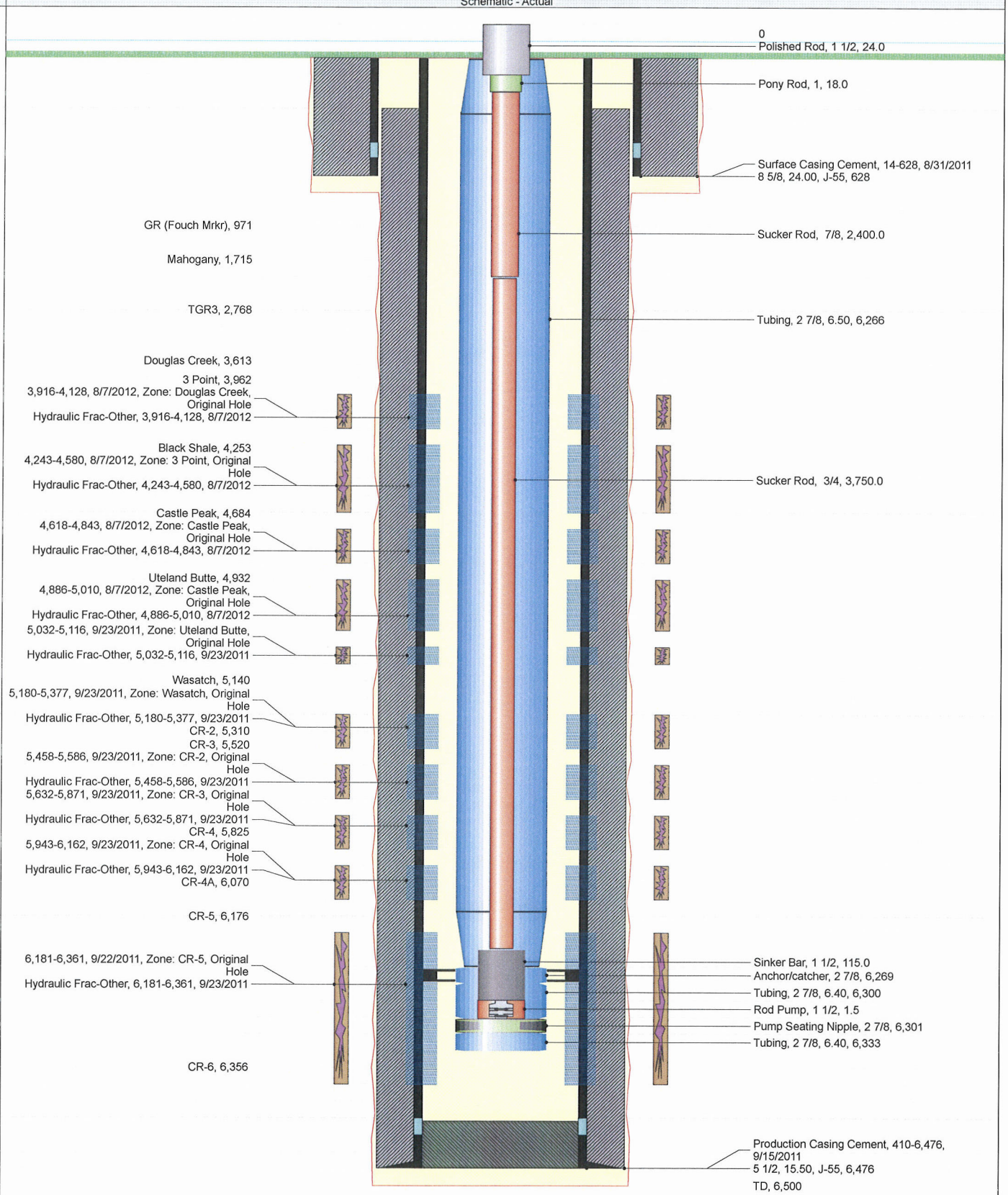
LC FEE 16-16D-56

API/UWI	Surface Legal Location	APD State	Field Name
43013506010000	SWSE Sec 16 T5S-R6W	Utah	Lake Canyon

Spud Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
8/30/2011	14.00	6,612

Well Config: - Original Hole, 9/18/2012 1:51:59 PM

Schematic - Actual



Tubing Strings

Well Name: LC FEE 16-16D-56

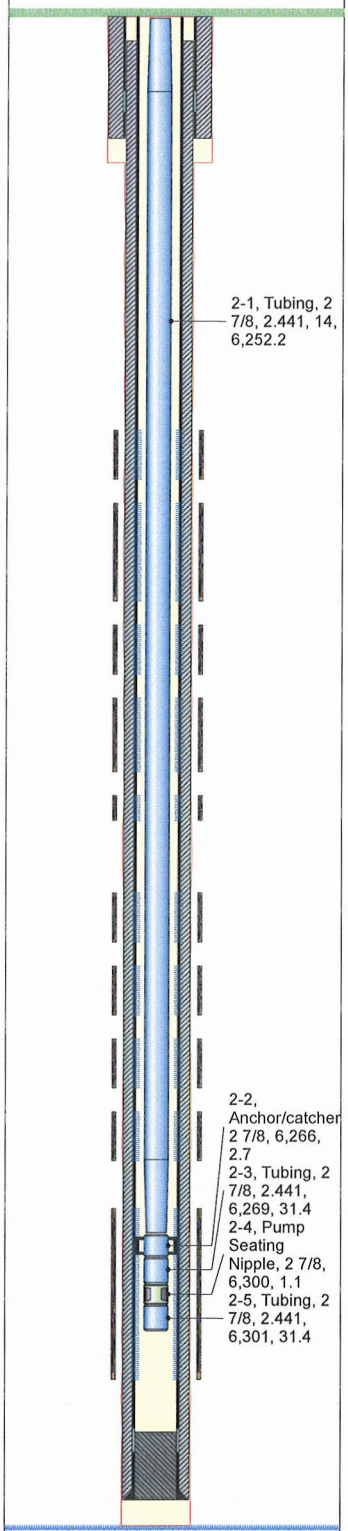
API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013506010000	SWSE Sec 16 T5S-R6W	8/30/2011 3:30:00 AM	Lake Canyon	Utah

Well Configuration Type	Original KB Elevation (ftKB)	KB-Ground Distance (ft)	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB)	PBTD (All) (ftKB)
	6,626	14.00		6,612	

Well Config: - Original Hole, 8/14/2012

ftKB (MD)	ftKB (TVD)	Incl
0		
14	14	0.1
410	410	2.6
486	485	3.1
582	582	3.7
584	583	3.7
628	627	4.0
650	649	4.2
965	961	12.6
971	967	12.8
,58	1,543	27.5
,71	1,655	27.9
,75	2,568	27.1
,76	2,583	27.1
,50	3,254	18.6
,51	3,264	18.6
,61	3,361	18.0
,61	3,367	18.0
,91	3,652	14.8
,96	3,696	14.3
,12	3,858	12.8
,24	3,970	12.4
,25	3,980	12.3
,29	4,020	12.1
,57	4,295	8.9
,58	4,301	8.8
,61	4,338	8.4
,68	4,404	8.1
,84	4,561	6.7
,88	4,604	6.1
,93	4,650	5.5
,93	4,657	5.4
,01	4,727	4.6
,03	4,749	4.4
,11	4,833	3.9
,14	4,857	3.8
,16	4,886	3.7
,18	4,897	3.7
,31	5,027	2.5
,37	5,094	2.5
,45	5,175	2.3
,52	5,237	2.3
,58	5,302	2.5
,63	5,348	2.6
,82	5,541	2.7
,87	5,587	2.7
,94	5,659	2.8
,07	5,786	3.1
,16	5,878	3.3
,17	5,892	3.2
,18	5,897	3.1
,26	5,982	2.6
,26	5,985	2.6
,30	6,016	2.5
,30	6,017	2.5
,33	6,048	2.5
,35	6,071	2.4
,36	6,076	2.4
,37	6,090	2.4
,43	6,147	2.4
,43	6,149	2.4
,47		
,47		
,50		

Schematic - Actual



Tubing - Production set at 6,332.8ftKB on 8/14/2012 00:00

Tubing Description	Set Depth (ftKB)	Run Date	Pull Date
Tubing - Production	6,332.8	8/14/2012	

Jts	Item Description	OD (in)	ID (in)	Wt (lbs/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
198	Tubing	2 7/8	2.441	6.50	J-55		6,252....	14.0	6,266.2
1	Anchor/catcher	2 7/8					2.75	6,266.2	6,269.0
1	Tubing	2 7/8	2.441	6.40	J-55		31.36	6,269.0	6,300.3
1	Pump Seating Nipple	2 7/8					1.10	6,300.3	6,301.4
1	Tubing	2 7/8	2.441	6.40	J-55		31.36	6,301.4	6,332.8

PBTD

Date	Depth (ftKB)

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: See attached list

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☑ GAS WELL ☑ OTHER

8. WELL NAME and NUMBER: See Attached List

2. NAME OF OPERATOR: Berry Petroleum

9. API NUMBER: Attached

3. ADDRESS OF OPERATOR: Rt 2 Box 7735 CITY Roosevelt STATE UT ZIP 84066 PHONE NUMBER: (435) 722-1325

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY: Duchesne

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		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☑ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Produced wastewater from Berry Petroleum Company wells (see attached well list) will be or have been used for injection in our enhanced oil recovery project(s) in the Brundage Canyon Field or they 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
- Water Disposal Inc. Sec. 32, T1S, R1W, Roosevelt
- ITL 4461 W 3000 So Roosevelt Location Pleasant Valley
- IWM PO Box 430 Altamont or 20250 W 2000 S Duchesne Location – Blue Bench
- Pro Water 12223 Highland Ave Ste B503 Rancho Cucamonga Ca 91739 Location – Blue Bench

COPY SENT TO OPERATOR
Date: 12-13-2012
Initials: KS

Approved by the Utah Division of Oil, Gas and Mining

Date: 12/11/12

NAME (PLEASE PRINT) Krista Mecham **By:** TITLE Sr. Regulatory & Permitting Tech

SIGNATURE Krista Mecham DATE 11/21/2012

(This space for State use only) Federal Approval of this action required for Federal Wells.

RECEIVED
DEC 06 2012
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

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
43-013-32589	UTE TRIBAL 11-16-54	14-20-H62-3413
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
43-013-32990	UTE TRIBAL 11-25-56	14-20-H62-5065
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
43-013-32981	UTE TRIBAL 12-15-55	14-20-H62-3413
43-013-33131	UTE TRIBAL 12-16-54	14-20-H62-4919
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
43-013-32866	UTE TRIBAL 12-20-54	14-20-H62-3414
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
43-013-33782	UTE TRIBAL 12-35D-55	14-20-H62-4945
43-013-32354	UTE TRIBAL 12-36-55	14-20-H62-4944
43-013-32259	UTE TRIBAL 1-24-55	14-20-H62-4749
43-013-31912	UTE TRIBAL 1-26	14-20-H62-3444
43-013-33680	UTE TRIBAL 1-26D-54	14-20-H62-4943
43-013-32416	UTE TRIBAL 1-27-55	14-20-H62-4753
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
43-013-33364	UTE TRIBAL 13-14-54	14-20-H62-5033
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43-013-32526	UTE TRIBAL 1-31-54	14-20-H62-4946
43-013-32602	UTE TRIBAL 13-15-55	14-20-H62-5017
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
43-013-32206	UTE TRIBAL 13-20	14-20-H62-3529
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
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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
43-013-32387	UTE TRIBAL 13-28-54	14-20-H62-4740
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
43-013-33967	UTE TRIBAL 1-35D-55	14-20-H62-4945
43-013-32760	UTE TRIBAL 1-36-55	14-20-H62-4944
43-013-33380	UTE TRIBAL 13H-16-55	14-20-H62-5024
43-013-33112	UTE TRIBAL 14-14-54	14-20-H62-5033
43-013-32979	UTE TRIBAL 14-15-55	14-20-H62-5017
43-013-33123	UTE TRIBAL 14-16-54	14-20-H62-3413
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

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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
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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
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43-013-32804	UTE TRIBAL 15-35-54	14-20-H62-5053
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43-013-32272	UTE TRIBAL 16-14-55	14-20-H62-5016
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43-013-32842	UTE TRIBAL 16-22-54	14-20-H62-3415
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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
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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
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43-013-32591	UTE TRIBAL 2-22-54	14-20-H62-3415
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43-013-33979	UTE TRIBAL 2-26D-55	14-20-H62-3444
43-013-32179	UTE TRIBAL 2-27	14-20-H62-3375
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43-013-32763	UTE TRIBAL 2-28-54	14-20-H62-4740
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43-013-32680	UTE TRIBAL 2-30-55	14-20-H62-5059
43-013-32894	UTE TRIBAL 2-30D-54	14-20-H62-4662
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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
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43-013-32758	UTE TRIBAL 3-21-55	14-20-H62-4825
43-013-33208	UTE TRIBAL 3-22-54	14-20-H62-3415
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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
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43-013-33888	UTE TRIBAL 3-35D-55	14-20-H62-4945
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43-013-33185	UTE TRIBAL 3G-31-54	14-20-H62-4946
43-013-33270	UTE TRIBAL 4-14D-54	14-20-H62-5033
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43-013-33619	UTE TRIBAL 5-14-54	14-20-H62-5033
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43-013-32344	UTE TRIBAL 5-15-55	14-20-H62-5017
43-013-50475	UTE TRIBAL 5-16D-54	14-20-H62-3413
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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
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43-013-33187	UTE TRIBAL 6-23D-55	14-20-H62-3443
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43-013-32872	UTE TRIBAL 6-33-54	14-20-H62-4948
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43-013-32413	UTE TRIBAL 7-33-54	14-20-H62-4948
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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
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43-013-50853	UTE TRIBAL 8L-21D-54	14-20-H62-3141
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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

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):	**TO:** (New Operator):
Berry Petroelum Company, LLC N4075	Linn Operating, Inc. N4115
1999 Broadway Street , Suite 3700	1999 Broadway Street, Suite 3700
Denver, CO 80202	Denver, CO 80202
Phone: 1 (303) 999-4400	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

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/13/2014
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/13/2014
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 6/17/2014

4a. 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

6. **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
7. **Federal and Indian Units:**
   The BLM or BIA has approved the successor of unit operator for wells listed on: Not Yet
8. **Federal and Indian Communization Agreements ("CA"):**
   The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
9. **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:

1. Changes entered in the **Oil and Gas Database on:** 6/18/2014
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 6/18/2014
3. Bond information entered in RBDMS on: 6/23/2014
4. Fee/State wells attached to bond in RBDMS on: 6/23/2014
5. Injection Projects to new operator in RBDMS on: N/A
6. Receipt of Acceptance of Drilling Procedures for APD/New on: 6/18/2014
7. Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: Yes

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: NMB000501
2. 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:

4. (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:

FORM 9

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

5. LEASE DESIGNATION AND SERIAL NUMBER: See attached list

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 ☑ GAS WELL ☐ OTHER _____

8. WELL NAME and NUMBER:

2. NAME OF OPERATOR: Linn Operating, Inc.

9. API NUMBER:

3. ADDRESS OF OPERATOR: 1999 Broadway, Ste 3700 CITY Denver STATE CO ZIP 80202 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		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: _____	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
_____	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Change of operator
	☐ CONVERT WELL TYPE	☐ 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 1 3 2014
Div. of Oil, Gas & Mining

NAME (PLEASE PRINT) Beverly Decker TITLE Sr Engineering Technician

SIGNATURE Beverly Decker DATE 6/1/2014

(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

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: See attached list
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
8. WELL NAME and NUMBER:
9. API NUMBER:
10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ OTHER _____

2. NAME OF OPERATOR: Berry Petroleum Company, LLC

3. ADDRESS OF OPERATOR: 1999 Broadway, Ste 3700 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 999-4400

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		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: _____	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion: _____	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Change of operator
	☐ CONVERT WELL TYPE	☐ 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 1 3 2014
Div. of Oil, Gas & Mining

NAME (PLEASE PRINT): Beverly Decker TITLE: Sr Engineering Technician
SIGNATURE: Beverly Decker DATE: 6/1/2014

(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

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.
✓	**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?		✓
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. LPM9149893	✓	

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.

(3/2004)

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.
	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?		✓
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. LPM9149893	✓	

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.

(3/2004)

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	

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	

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	

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	

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	

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	

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	

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	

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	

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	

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	

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	

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	

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 1I-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	

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	

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	

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	

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	

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	

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	

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	

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	