API Well Number: 43013507190000

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
FEDERAL 8-2D-65

2. TYPE OF WORK
DRILL NEW WELL ■ REENTER P&A WELL ☐ DEEPEN WELL ☐

3. FIELD OR WILDCAT
BRUNDAGE 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)
UTU77326

11. MINERAL OWNERSHIP
FEDERAL ■ INDIAN ☐ STATE ☐ FEE ☐

12. SURFACE OWNERSHIP
FEDERAL ■ INDIAN ☐ STATE ☐ FEE ☐

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

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

15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')

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	633 FNL 2124 FEL	NWNE	2	6.0 S	5.0 W	U
Top of Uppermost Producing Zone	1575 FNL 1062 FEL	SENE	2	6.0 S	5.0 W	U
At Total Depth	1740 FNL 914 FEL	SENE	2	6.0 S	5.0 W	U

21. COUNTY
DUCHESNE

22. DISTANCE TO NEAREST LEASE LINE (Feet)
633

23. NUMBER OF ACRES IN DRILLING UNIT
1922

25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)
20

26. PROPOSED DEPTH
MD: 6268 TVD: 5968

27. ELEVATION - GROUND LEVEL
7438

28. BOND NUMBER
UTB000035

29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE
43-11041

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Surf	12.25	8.625	0 - 350	24.0	J-55 ST&C	9.5	Class G	225	1.15	15.8
Prod	7.875	5.5	0 - 6268	15.5	J-55 LT&C	9.5	Type V	180	3.82	11.0
							Class G	325	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** 05/03/2011 **EMAIL** kkf@bry.com

API NUMBER ASSIGNED
43013507190000

APPROVAL
Permit Manager

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.

FEDERAL 8-2D-65
NW ¼, NE ¼, Lot #2; 633' FNL 2124' FEL, Sec. 2, T6S, R5W, U.S.B. &M.
BHL: SE ¼ NE ¼ 1740' FNL, 914' FEL
Lease USA UTU-77326
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
435-823-1920

RECEIVED: May. 03, 2011

BERRY PETROLEUM COMPANY
FEDERAL 8-2D-65
NW ¼, NE ¼, Lot #2; 633' FNL 2124' FEL, Sec. 2, T6S, R5W, U.S.B. &M.
BHL: SE ¼ NE ¼ 1740' FNL, 914' FEL
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	Surface	Surface	
Green River Fm	1,408'	1,395'	1,424'
Green River Upper Marker	1,968'	1,954'	2,031'
Mahogany	2,591'	2,565'	2,711'
Tgr3 Marker	3,613'	3,595'	3,826'
*Douglas Creek Mbr	4,363'	4,342'	4,623'
*Black Shale Mbr	4,970'	4,945'	5,245'
*Castle Peak Mbr	5,280'	5,263'	5,558'
Uteland Butte Mbr.	5,694'	5,677'	5,974'
Wasatch	5,888'	5,868'	6,168'
TD	5,988'	5,968'	6,268'
Base of Moderately Saline Water (less than 10,000 ppm)	2,899'	2,633'	

*PROSPECTIVE PAY

Berry is locating the well at the proposed surface location and directionally drilling to the proposed bottom hole location primarily because of severe topographical limitations. By drilling directionally, Berry Petroleum Company will improve field development efficiency by combining multiple surface well bore 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 of all the surrounding 40 acre locations. The proposed well bore will at no point throughout the objective pay section (top Douglas Creek to top Wasatch) approach within 460' of any of the potential offsetting 40 acre well sites.

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3 Proposed Casing and Cementing Program

Purpose	Depth	Hole Size	Casing Size	Type	Connection	Weight
Surface	350'	12.25"	8.625"	J-55	ST&C or LT&C	24#
Production	6268'	7.875"	5.5"	J-55	LT&C	15.5#

Surface	Fill	Type & Amount
0'-350'	350'	Approximately 225 sks Class "G" (Type III) cement + additives or a similar slurry with a minimum weight of 15.8#/gal. and approximate yield of 1.15 cuft/sk, 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' – 6268'	Tail: +/- 325 sks Premium Lite Tail + additives or similar slurry with a minimum weight of 13.1 #/gal and approximate yield of 1.70cuft/sk.

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

4 Drilling Fluids Program

Interval	Weight	Viscosity	Fluid Loss	Remarks
0'-350'	8.4-9.5	27	NC	DAP Mud
350'-6268'	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 – 350'	No Pressure Control
350' – 6268'	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 Abnormal Conditions

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 2924 psi* and maximum anticipated surface pressure equals approximately 1611**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 6 days.
Completion Days:	Approximately 7 days.

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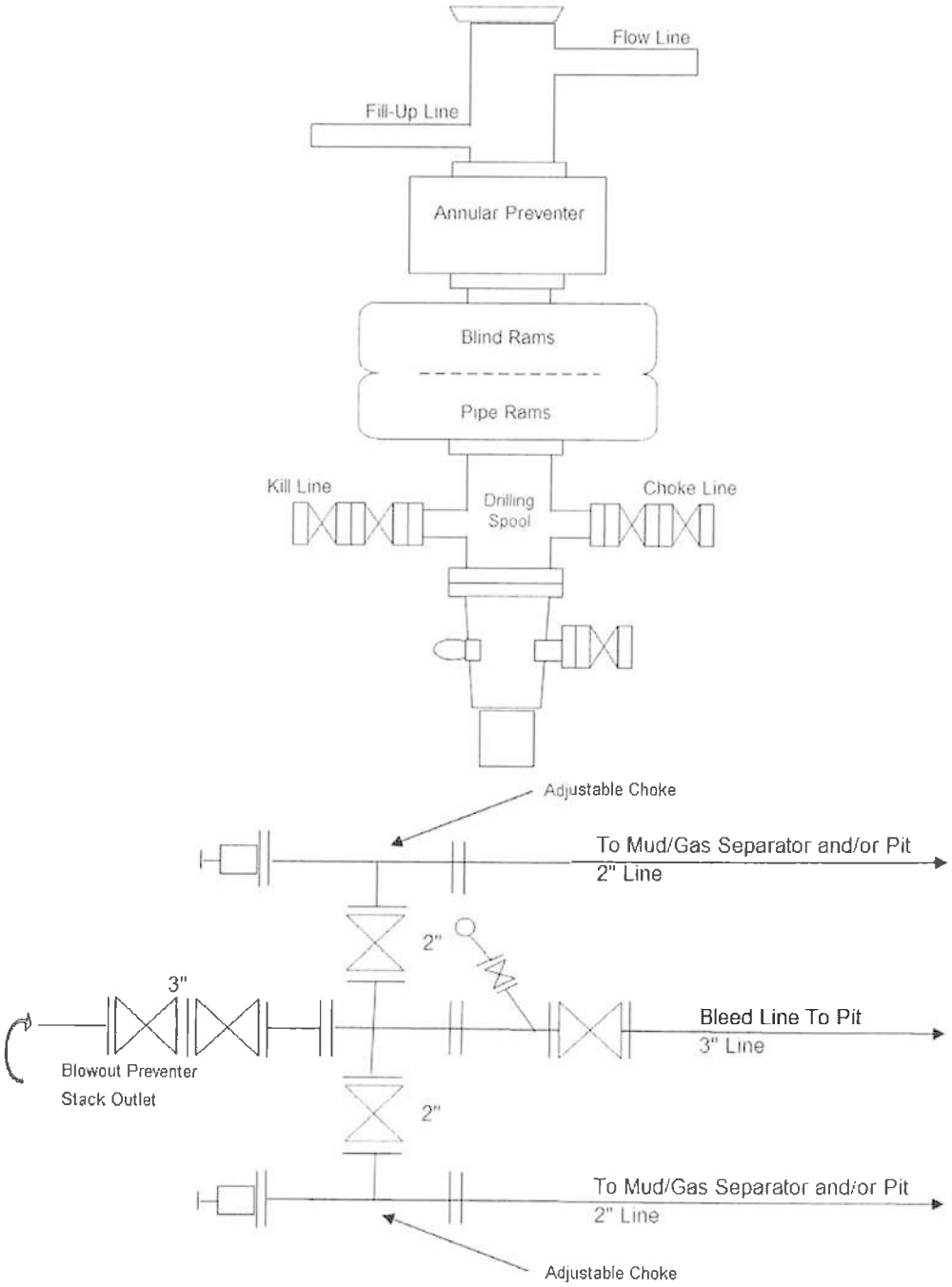
SCHEMATIC DIAGRAM OF 2,000 PSI BOP STACK



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PRO PETRO SERVICES INCORPORATED

Berry Petroleum
Brundage Project
8 5/8 Surface Casing
Well Name:Federal 8-2D-65

T.D.	350 ft
Hole Size	12 ¼ in
Casing Size	8 5/8 in
Casing Weight	24 #
Cement Coverage	350 ft to surface
Cement Excess	50 %

Premium Class G Cmt	**225 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)	27 bbl (1125gal)
Water ahead	10bbl
Gel sweep	20 bbl
225 sks Cement	46.1 bbl
Drop Top Plug	
Displacement	19.5 bbl

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PRO PETRO SERVICES INCORPORATED

Berry Petroleum
Brundage Project
5 1/2 Production Casing
Well Name:Federal 8-2D-65

With loss of circulation

T.D.	6268 ft
Hole Size	7 7/8 in
Casing Size	5 ½ in
Casing Weight	15.50 lb/ ft
Tail Cement Coverage	6268 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 325 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)	6643 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)	98.4 bbls(14.2 ppg)
Wash Pump and Lines and Drop Top Plug	
Displacemnet (KCL)	148.2 bbls(8.4 ppg)

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PRO PETRO SERVICES INCORPORATED

Berry Petroleum
Brundage Project
5 ½ Production Casing
Well Name:Federal 8-2D-65

No loss of circulation

T.D.	6268 ft
Hole Size	7 7/8 in
Casing Size	5 ½ in
Casing Weight	15.50 lb/ ft
Tail Cement Coverage	6268 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	**440 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)	6670 gal
Water ahead	10 bbl
Mud Flush	20 bbl
Water Spacer	10 bbl
Lead Cement	122.5 bbl
Tail Cement	98.7 bbl
Wash Pump and Lines Drop Top Plug	
Displacement (KCl)	148.2 bbl

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BERRY PETROLEUM COMPANY
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NW ¼, NE ¼, Lot #2; 633' FNL 2124' FEL, Sec. 2, T6S, R5W, U.S.B. &M.
BHL: SE ¼ NE ¼ 1740' FNL, 914' FEL
Duchesne County, Utah

ONSHORE ORDER NO. 1

MULTI POINT SURFACE USE & OPERATIONS PLAN

1 **Existing Roads**

To reach the Berry Petroleum Company well, Federal 8-2D-65 located, in Sec.2 T6S-R5W:

Start in Duchesne, Utah. Proceed east on US Highway 40, 10.1 miles to the Antelope Creek/Sowers Canyon Road at the Bridgeland turnoff. Turn south and proceed 6.4 miles on the Brundage Canyon Road to the Sowers Canyon Road turnoff. Proceed west 2.6 miles on the main road, from there continue southwest 8.3 miles to the access road for the Federal 2-2-65 location from which the Federal 8-2D-65 will be drilled.

The existing oilfield service road may need some surface material to prevent or repair holes in the road due to heavy truck traffic during the drilling and completion operation. If repairs are made the operator will secure material from private sources.

Please see the attached map for additional details.

2 **Planned Access Road**

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

On National Forest Service (NFS) lands, access roads will conform to standards outlined in the BLM and Forest Service publication, *Surface Operating Standards and Guidelines for Oil and Gas Exploration and Development* "Gold Book" *4th Edition*, 2006.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

New access roads will be crowned (2 to 3%), ditched, and constructed with a running surface of 22 feet and a maximum disturbed width of 35 feet. Graveling or capping the roadbed will be performed as necessary to provide a well constructed, safe road. Prior to construction or upgrading, the proposed road shall be cleared of any snow and shall be allowed to dry completely.

The disturbed width needed may be wider than 35 feet to accommodate larger equipment where deep cuts are required for road construction; intersections or sharp curves occur; or, as proposed by the operator. Approval will be required from the Forest Supervisor, Vernal, Utah (FS).

Appropriate water control structures will be installed to control erosion.

Unless otherwise specified, the following specifications will apply:

The road grade in the Project Area will be 10% or less, wherever possible. The 10% grade would only be exceeded in areas where physical terrain or unusual circumstances require it.
Turn-out areas will not be constructed unless they were deemed necessary for safety reasons.

RECEIVED: May. 03, 2011

There will be no major cuts and fills, culverts, or bridges. If it becomes necessary to install a culvert at some time after approval of the APD, the operator will submit a Sundry Notice requesting approval of the USFS Authorized Officer.

The access road will be centerline flagged during time of staking.

There will be no gates, cattle guards, fence cuts, or modifications to existing facilities without prior consent of the FS.

Surfacing material may be necessary, depending upon weather conditions.

The road surface and shoulders will be kept in a safe and usable condition and will be maintained in accordance with the original construction standards. Best efforts will be made such that all drainage ditches and culverts will be kept clear and free flowing and will be maintained according to the original construction standards. The access road ROW will be kept free of trash during operations. All traffic will be confined to the approved running surface. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing, nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Should mud holes develop, the holes shall be filled in and detours around the holes avoided. When snow is removed from the road during the winter months, the snow should be pushed outside the borrow ditches, and the cutouts kept clear so that snowmelt will be channeled away from the 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.

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, and hold 150% of the capacity of the largest tank. The use of topsoil for the construction of dikes will not be allowed. A Spill Prevention, Control, and Countermeasure (SPCC) Plan is required by the Environmental Protection Agency, the containment dike may be expanded with the BLM/VFO Authorized Officer's approval to meet SPCC requirements.

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.

RECEIVED: May. 03, 2011

API Well Number: 43013507190000

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 Duchesne City Culinary Water Dock located in Sec. 1, T4S, R5W or from East Duchesne Water, Arcadia Feedlot, Sec. 28, T3S, R3W or Myton (Moon) Pit, SE/NE Sec. 27, T3S, R2W or from Petroglyph Operating Company 08-04 Waterplant, Sec. 8, T5S, R3W or from Kenneth V. & Barbara U. Richens source well located in Sec. 34, T3S, R2W, permit # 43-1723 or Brundage Canyon Field produced water or Leo Foy source well located in Sec. 34, T5S, R5W, permit # 43-11324.

6 Source of Construction Materials

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

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

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

7 Methods of Handling Waste Materials

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

After first production, produced wastewater will be trucked to one of the following approved waste water disposal sites: R.N. Industries, Inc. Sec. 4, T2S, R2W, Bluebell; MC & MC Disposal Sec. 12, T6S, R19E, Vernal; LaPoint Recycle & Storage Sec. 12, T5S, R19E, LaPoint or Water Disposal Inc. Sec. 32, T1S, R1W, Roosevelt, used in the operations of the field or, unless prohibited by the Authorized Officer, disposed of to the approved pit 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.

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.

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

RECEIVED: May. 03, 2011

API Well Number: 43013507190000

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).

The diagram describes rig orientation, parking areas, and access roads as well as the location of the following:

The stockpiled topsoil which shall not be used for facility berms. All brush removed from the well pad during construction will be stockpiled with the topsoil.

The flare pit, which will be located downwind from the prevailing wind direction.

The access road.

All pits will be fenced according to the following minimum standards:

39-inch net wire shall be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.

Standard steel posts shall be used between the corner braces, between the corner posts. Distance between any two posts shall be no greater than 16 feet.

All wire shall be stretched using a stretching device before it is attached to the corner posts.

10 Plans for Restoration of the Surface

The dirt contractor will be provided with approved copies of the Surface Use Plan and these Standard Operating Procedures prior to construction activities.

Upon well completion, within 30 days the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

RECEIVED: May. 03, 2011

API Well Number: 43013507190000

On lands administered by the Forest Service, 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 appropriate soil conditions, and the re-establishment of vegetation as specified.

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

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

Prior to the construction of the location, the top 12 inches of soil material (if present) will be stripped and stockpiled. Placement of the topsoil will be noted on the location plat attached to the site specific APD. 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 Officer or the appropriate surface management agency 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 on the site specific APD.

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

11 Surface Ownership

United States Forest Service

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 Forest Service, BLM, or the appropriate County Extension Office. On NFS administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides or other pesticides or possibly hazardous chemicals.

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

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Travel is restricted only to approved travel routes.

Unless previously conducted, a class III archaeological survey will be conducted on all Forest Service lands. 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 Officer.

Within five working days, the Authorized 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.

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 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 Officer and/or the surface owner will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the Operator will then be allowed to resume construction.

On surface administered by the NFS, all surface use will be conducted in accordance with the STIPULATION FOR LANDS OF THE NATIONAL FOREST SYSTEM UNDER JURISDICTION OF THE DEPARTMENT OF AGRICULTURE, including:

If the surface is owned by another entity (FEE OWNER) and the mineral rights are owned by the BLM, a right-of-way will be obtained from the other entity.

Operator's employees, including subcontractors, will not gather firewood along roads constructed by the operator.

All roads constructed by the operator will have appropriate signs. Signs will be neat and of sound construction. The sign will state: (a) that the land is located within the Ashley National Forest boundary (b) the name of the Operator, (c) that firearms are prohibited, (d) only authorized personnel are permitted.

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).

RECEIVED: May. 03, 2011

13 Operator's Representative and Certification

A) Representative

NAME:	Kathy K. Fieldsted Sr. Regulatory & Permitting Tech.
ADDRESS:	Berry Petroleum Company 4000 South 4028 West Rt. 2 Box 7735 Roosevelt, UT 84066
PHONE:	435-722-1325 or 435-823-1920
E-MAIL:	kkf@bry.com

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 and any applicable Notice to Lessees.
The operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" and the Standard Operating Procedures will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.
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 drill site 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.

5/2/2011
DATE

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

RECEIVED: May. 03, 2011

BERRY PETROLEUM COMPANY

WELL PAD INTERFERENCE PLAT

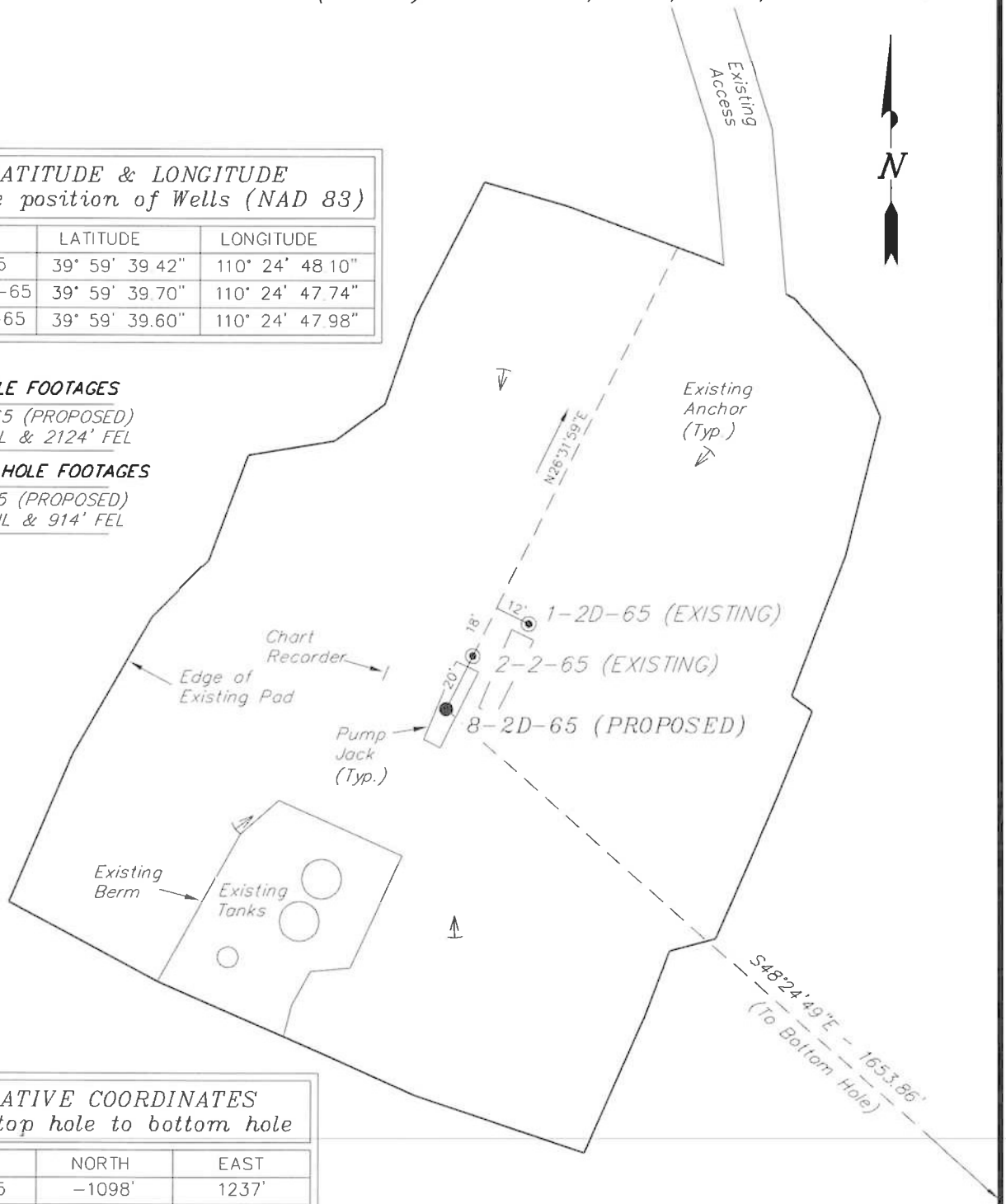
FEDERAL 8-2D-65 (Proposed Well)
FEDERAL 1-2D-65 (Existing Well)
FEDERAL 2-2-65 (Existing Well)

Pad Location: NWNE (Lot 2) Section 2, T6S, R5W, U.S.B.&M.

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)		
WELL	LATITUDE	LONGITUDE
8-2D-65	39° 59' 39.42"	110° 24' 48.10"
Ex. 1-2D-65	39° 59' 39.70"	110° 24' 47.74"
Ex. 2-2-65	39° 59' 39.60"	110° 24' 47.98"

TOP HOLE FOOTAGES
8-2D-65 (PROPOSED)
633' FNL & 2124' FEL

BOTTOM HOLE FOOTAGES
8-2D-65 (PROPOSED)
1740' FNL & 914' FEL



RELATIVE COORDINATES From top hole to bottom hole		
WELL	NORTH	EAST
8-2D-65	-1098'	1237'

SURVEYED BY:	S.H.	DATE SURVEYED:	04-05-11
DRAWN BY:	L.C.S.	DATE DRAWN:	04-12-11
SCALE:	1" = 50'	REVISED:	

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

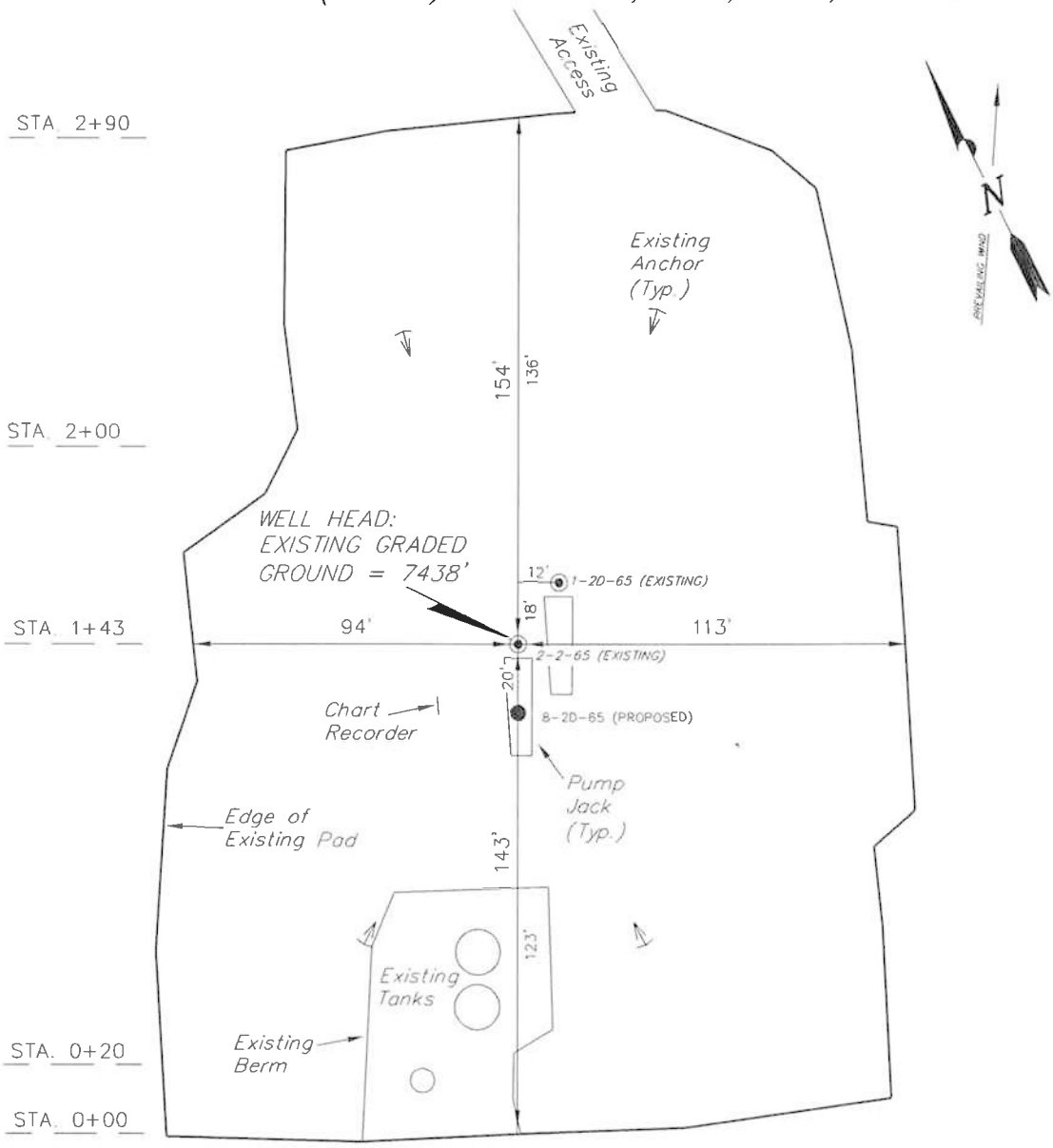
RECEIVED: May. 03, 2011

BERRY PETROLEUM COMPANY

LOCATION LAYOUT

FEDERAL 8-2D-65 (Proposed Well)
FEDERAL 1-2D-65 (Existing Well)
FEDERAL 2-2-65 (Existing Well)

Pad Location: NWNE (Lot 2) Section 2, T6S, R5W, U.S.B.&M.



SURVEYED BY: S.H.	DATE SURVEYED: 04-05-11	Tri State Land Surveying, Inc.	(435) 781-2501
DRAWN BY: L.C.S.	DATE DRAWN: 04-12-11	180 NORTH VERNAL AVE. VERNAL, UTAH 84078	
SCALE: 1" = 50'	REVISED:		

RECEIVED: May. 03, 2011

BERRY PETROLEUM COMPANY

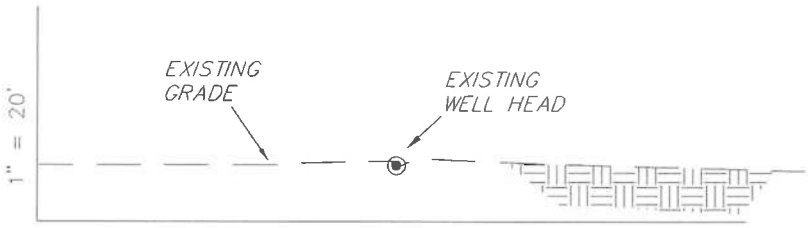
CROSS SECTIONS

FEDERAL 8-2D-65 (Proposed Well)
FEDERAL 1-2D-65 (Existing Well)
FEDERAL 2-2-65 (Existing Well)

Pad Location: NWNE (Lot 2) Section 2, T6S, R5W, U.S.B.&M.

STA. 2+90

STA. 2+00



STA. 1+43

STA. 0+20

SURVEYED BY: S.H.	DATE SURVEYED: 04-05-11	Tri State Land Surveying, Inc.	(435) 781-2501
DRAWN BY: L.C.S.	DATE DRAWN: 04-12-11	180 NORTH VERNAL AVE. VERNAL, UTAH 84078	
SCALE: 1" = 50'	REVISED:		

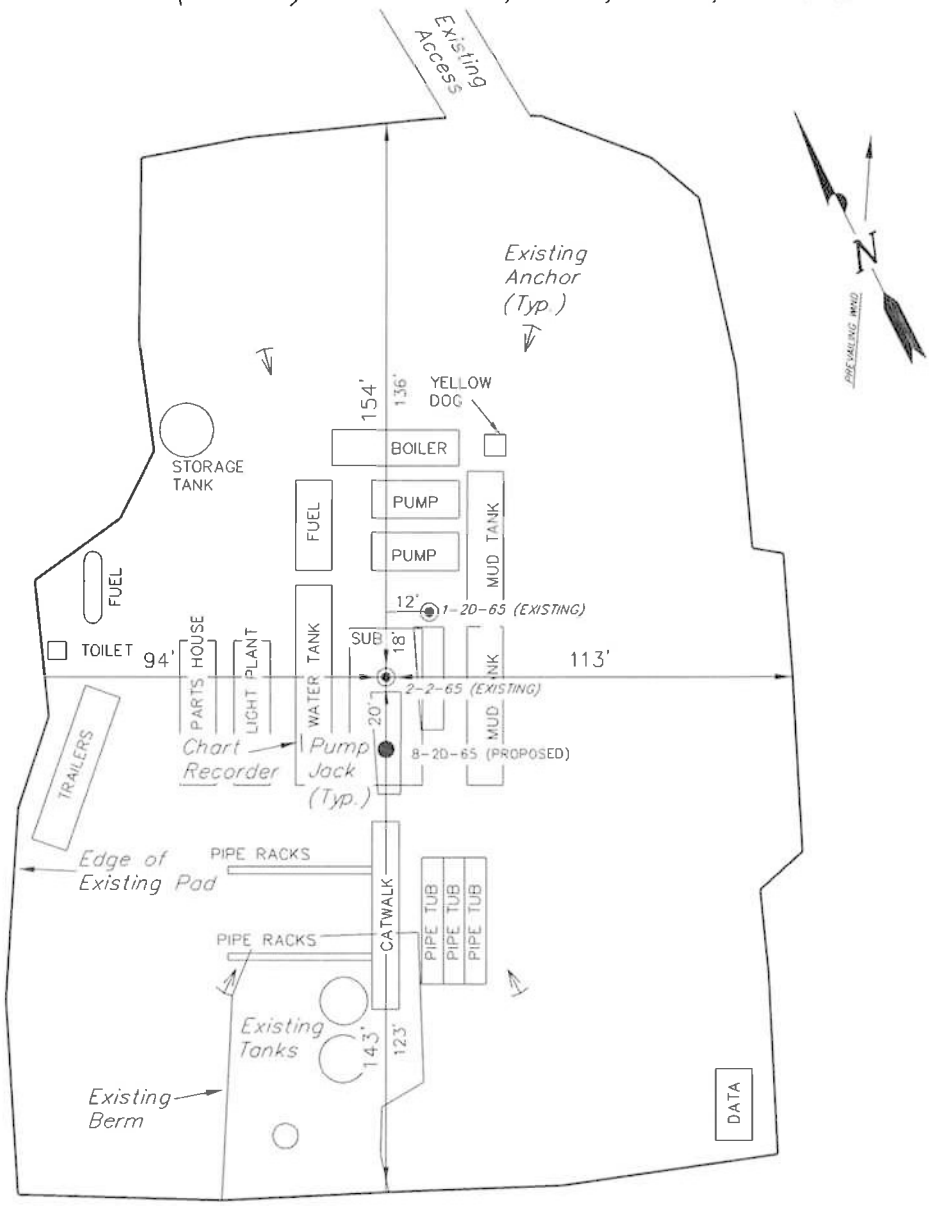
RECEIVED: May. 03, 2011

BERRY PETROLEUM COMPANY

TYPICAL RIG LAYOUT

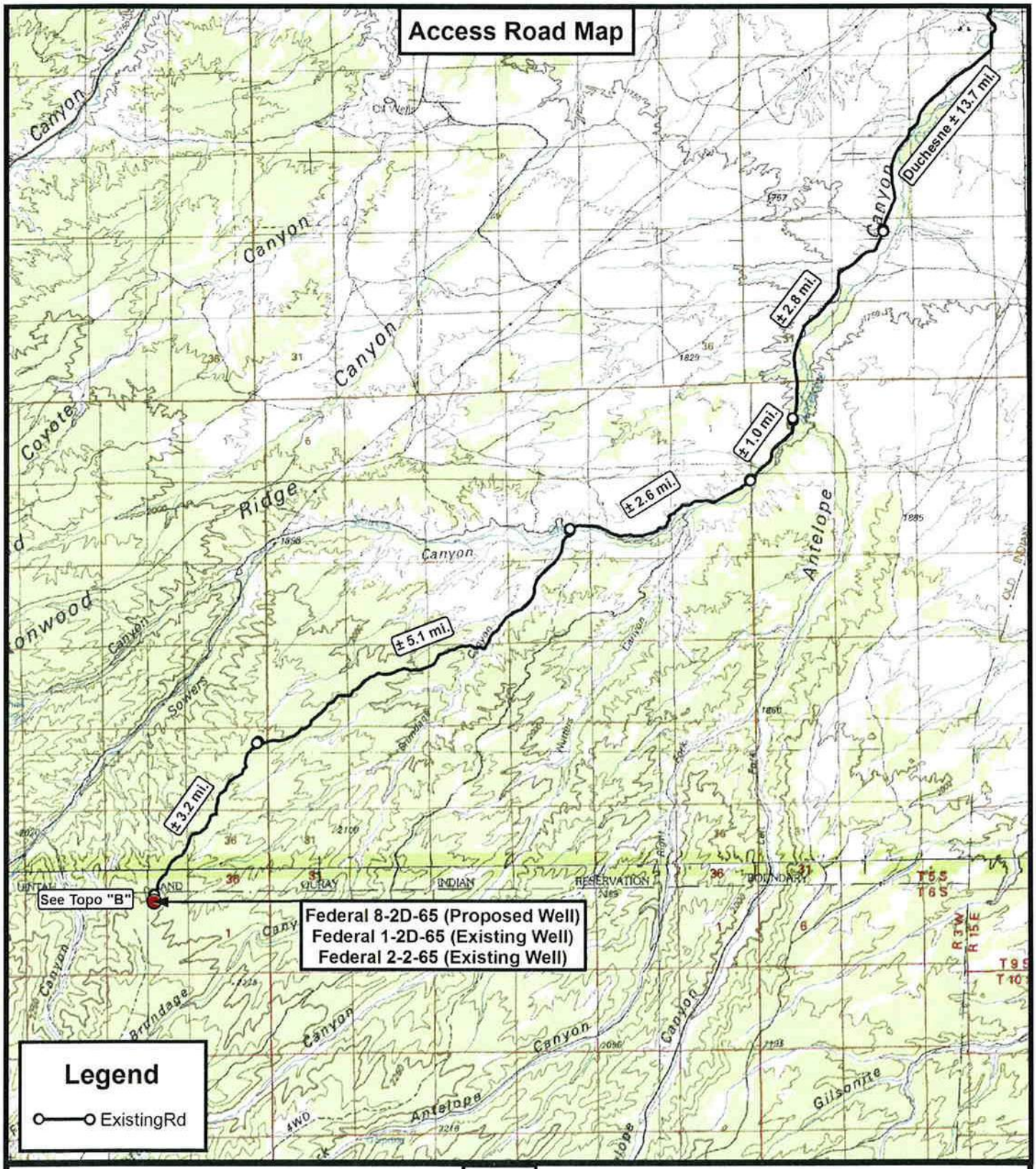
FEDERAL 8-2D-65 (Proposed Well)
FEDERAL 1-2D-65 (Existing Well)
FEDERAL 2-2-65 (Existing Well)

Pad Location: NWNE (Lot 2) Section 2, T6S, R5W, U.S.B.&M.



SURVEYED BY: S.H.	DATE SURVEYED:	04-05-11	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: L.C.S.	DATE DRAWN:	04-12-11	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 50'	REVISED:		

RECEIVED: May. 03, 2011



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

N

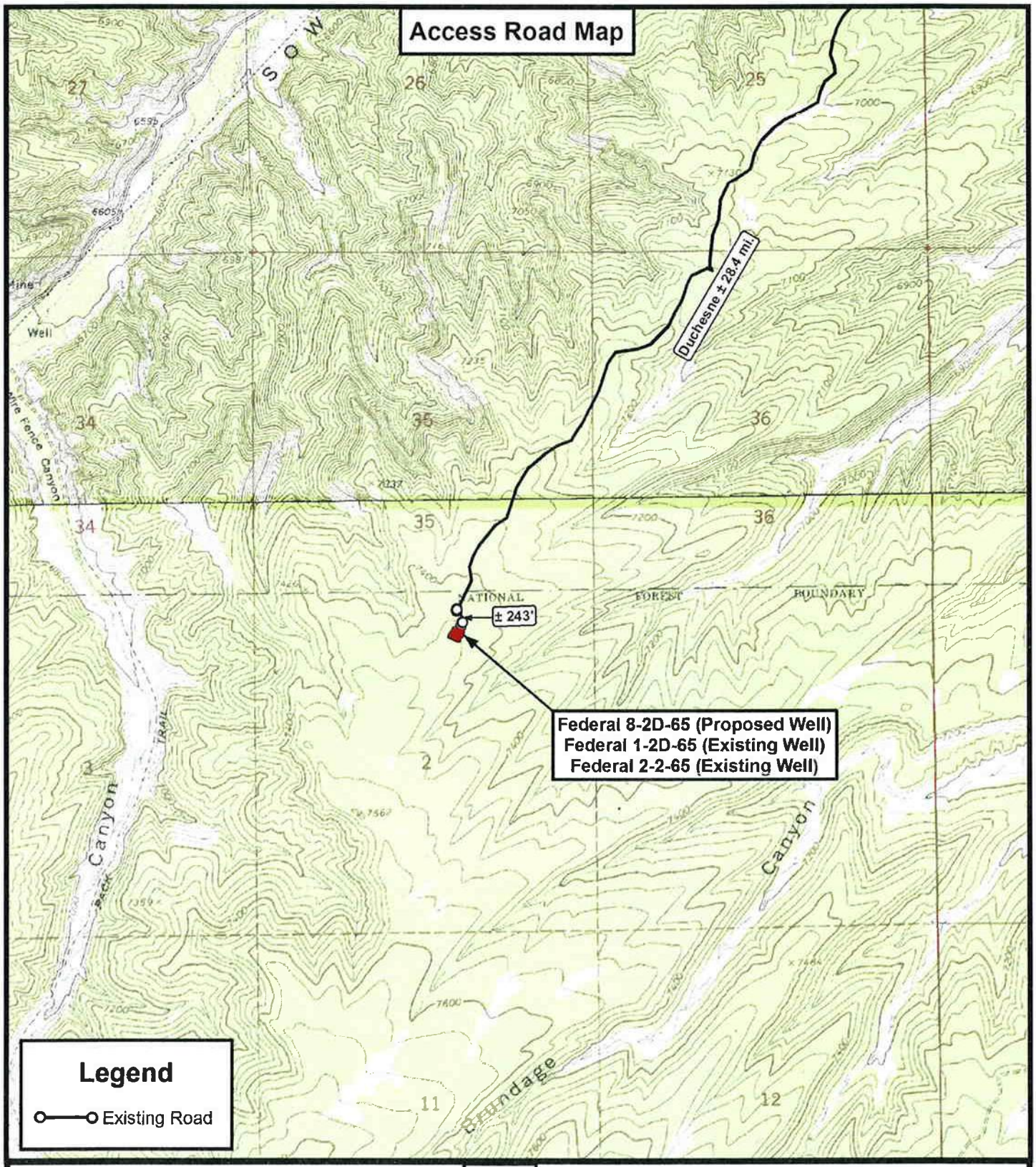
BERRY PETROLEUM COMPANY
Federal 8-2D-65 (Proposed Well)
Federal 1-2D-65 (Existing Well)
Federal 2-2-65 (Existing Well)
SEC. 2, T6S, R5W, U.S.B.&M. Duchesne County, UT.

DRAWN BY:	J.A.S.
DATE:	04-14-2011
SCALE:	1:100,000

TOPOGRAPHIC MAP

SHEET **A**

RECEIVED: May. 03, 2011



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DRAWN BY:	J.A.S.
DATE:	04-14-2011
SCALE:	1 " = 2,000 '

N

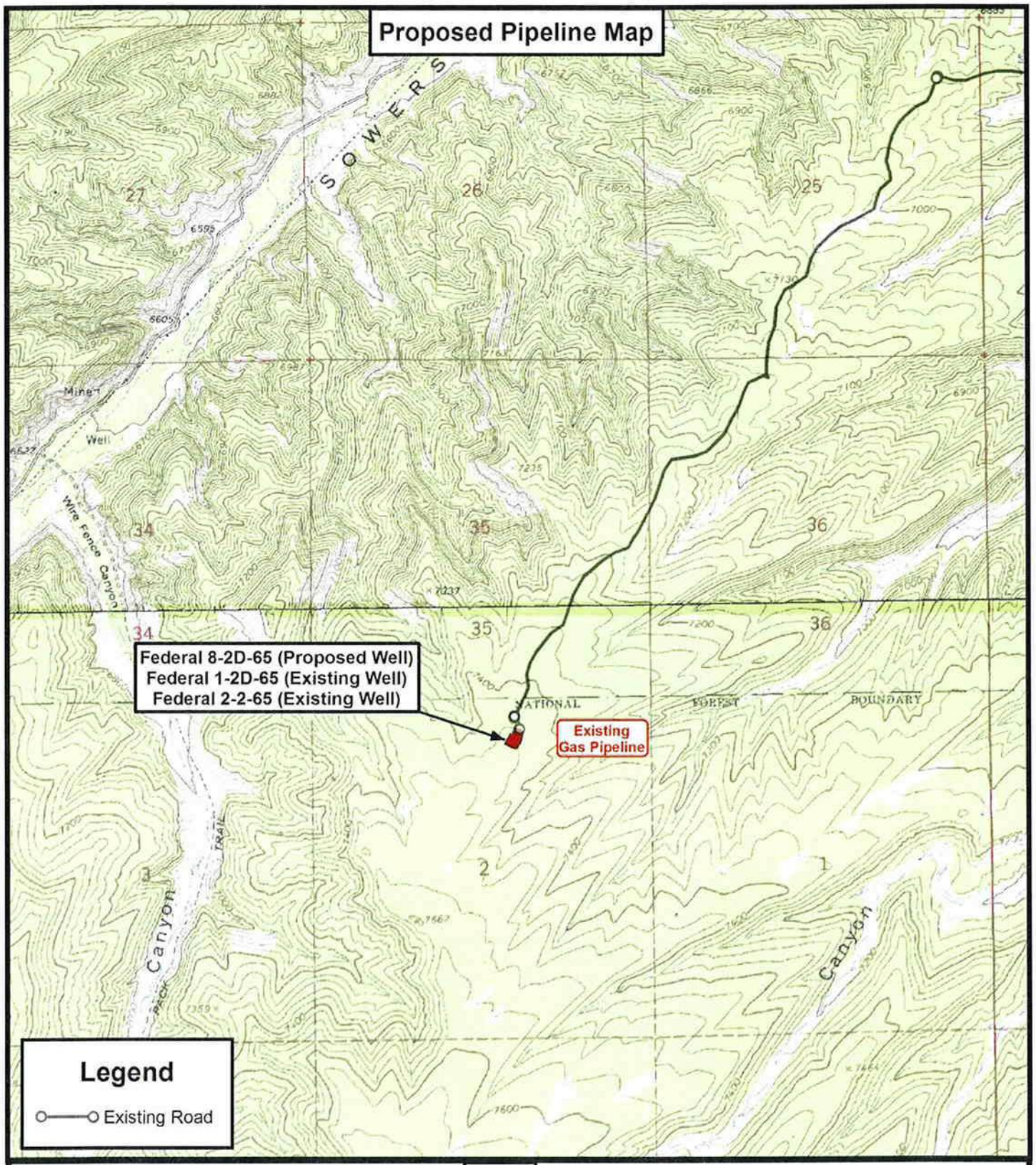
BERRY PETROLEUM COMPANY

Federal 8-2D-65 (Proposed Well)
Federal 1-2D-65 (Existing Well)
Federal 2-2-65 (Existing Well)
SEC. 2, T6S, R5W, U.S.B.&M. Duchesne County, UT.

TOPOGRAPHIC MAP

SHEET **B**

RECEIVED: May. 03, 2011



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

N

BERRY PETROLEUM COMPANY
Federal 8-2D-65 (Proposed Well)
Federal 1-2D-65 (Existing Well)
Federal 2-2-65 (Existing Well)
SEC. 2, T6S, R5W, U.S.B.&M. Duchesne County, UT.

DRAWN BY:	J.A.S.
DATE:	04-13-2011
SCALE:	1" = 2,000'

TOPOGRAPHIC MAP

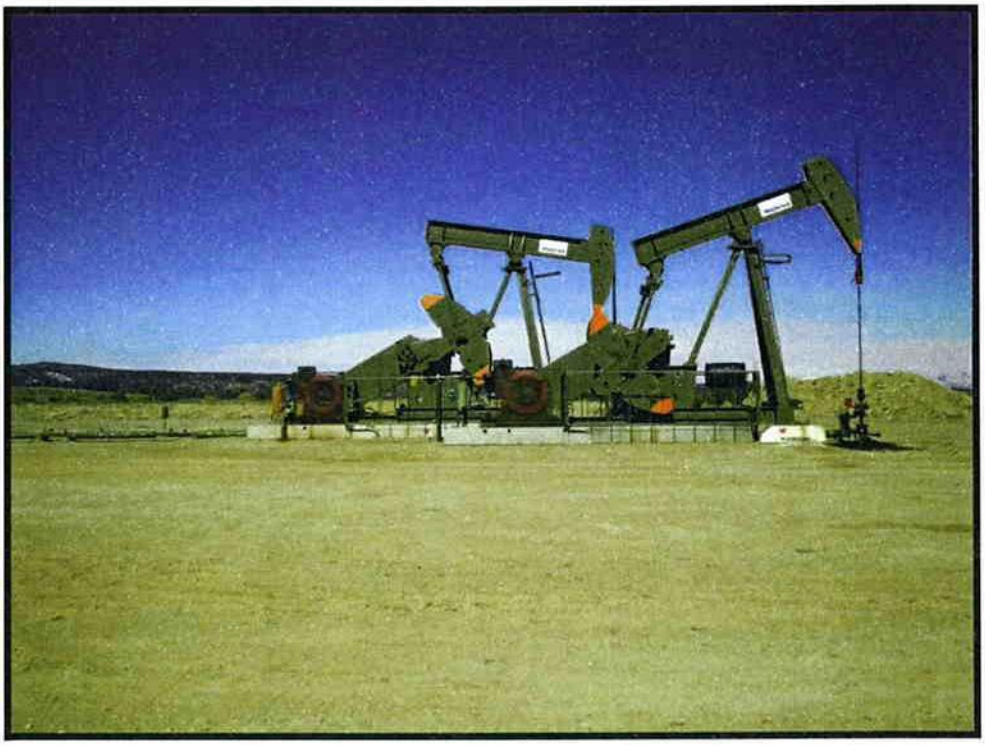
SHEET C

RECEIVED: May. 03, 2011

Location Photos

Center Stake
Looking Northwesterly

Date Photographed:	04/05/2011
Photographed By :	S. Hawk



Access
Looking Southeasterly

Date Photographed:	04/05/2011
Photographed By :	S. Hawk

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F: (435) 781-2518

DRAWN BY:	J.A.S.
DATE:	04-14-2011

BERRY PETROLEUM COMPANY

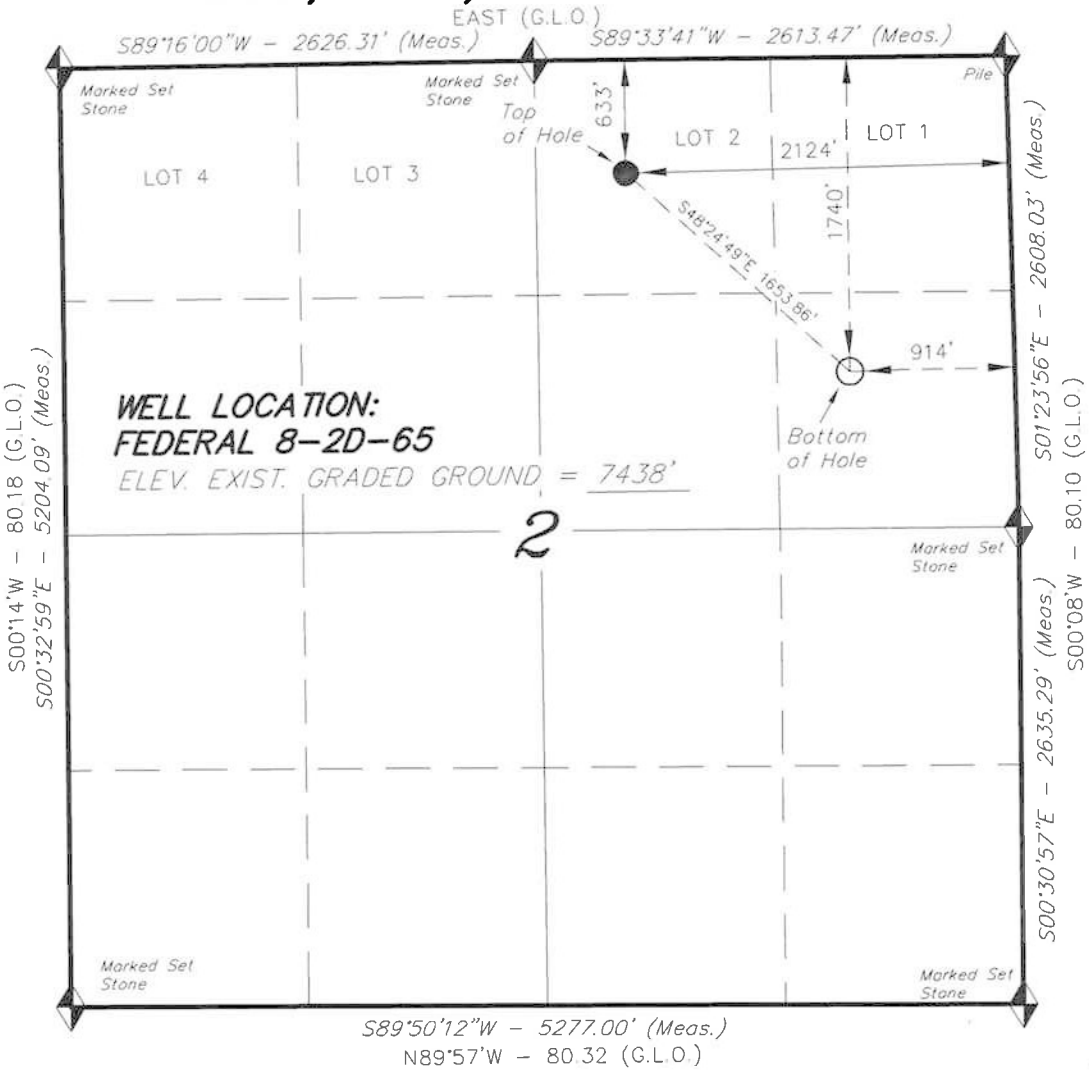
Federal 8-2D-65 (Proposed Well)
Federal 1-2D-65 (Existing Well)
Federal 2-2-65 (Existing Well)
SEC. 2, T6S, R5W, U.S.B.&M. Duchesne County, UT.

COLOR PHOTOGRAPHS

SHEET P

RECEIVED: May. 03, 2011

T6S, R5W, U.S.B.&M.



BERRY PETROLEUM COMPANY

WELL LOCATION, FEDERAL 8-2D-65, LOCATED AS SHOWN IN THE NW 1/4 NE 1/4 LOT 2 OF SECTION 2, T6S, R5W, U.S.B.&M. DUCHESNE COUNTY, UTAH.

1000' 500' 0' 1000'
BAR SCALE

N

Note:
1. Bearings are based on global positioning satellite observations.
2. Footages are measured at right angles to the section lines.

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 STATE OF UTAH

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

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are based on a bench mark located in the SW 1/4 of Section 9, T5S, R4W, U.S.B.&M. Elev. 6097'

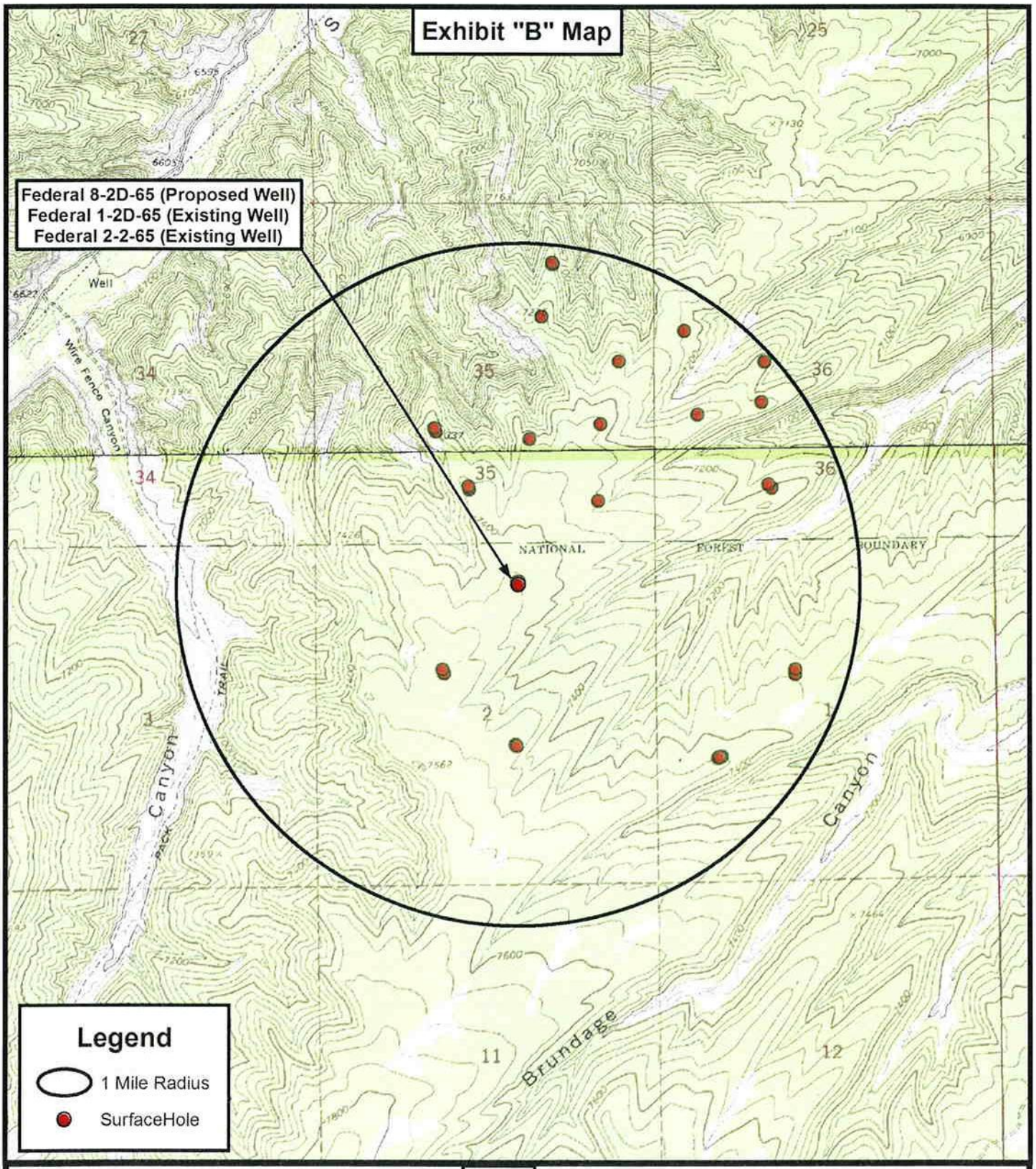
NAD 83 (SURFACE LOCATION)		
LATITUDE =	39°59'39.42"	(39.994283)
LONGITUDE =	110°24'48.10"	(110.413361)
NAD 27 (SURFACE LOCATION)		
LATITUDE =	39°59'39.56"	(39.994321)
LONGITUDE =	110°24'45.55"	(110.412652)
NAD 83 (BOTTOM HOLE LOCATION)		
LATITUDE =	39°59'28.43"	(39.991231)
LONGITUDE =	110°24'32.38"	(110.408994)
NAD 27 (BOTTOM HOLE LOCATION)		
LATITUDE =	39°59'28.57"	(39.991268)
LONGITUDE =	110°24'29.83"	(110.408285)

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

DATE SURVEYED: 04-05-11	SURVEYED BY: S.H.
DATE DRAWN: 04-12-11	DRAWN BY: L.C.S.
REVISED:	SCALE: 1" = 1000'

API Well Number: 43013507190000

RECEIVED: May. 03, 2011



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

N

BERRY PETROLEUM COMPANY

Federal 8-2D-65 (Proposed Well)
Federal 1-2D-65 (Existing Well)
Federal 2-2-65 (Existing Well)
SEC. 2, T6S, R5W, U.S.B.&M. Duchesne County, UT.

DRAWN BY:	J.A.S.
DATE:	04-14-2011
SCALE:	1 " = 2,000 '

TOPOGRAPHIC MAP

SHEET **D**

RECEIVED: May. 03, 2011

Well Planning Proposal

FOR

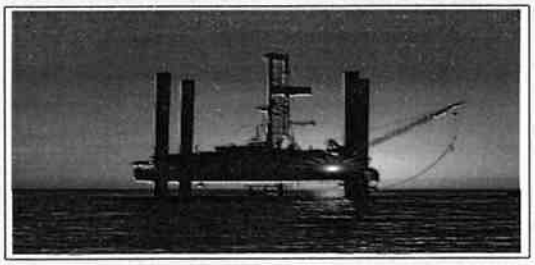
Berry Petroleum Co.
Federal 8-2D-65
Duchesne Co., UT

Well File: Design #1 (4/21/11)

Presented By:

Pat Rasmussen
Regional Manager

Bret Wolford
Well Planner



GREAT WHITE
DIRECTIONAL SERVICES, L.L.C.

RECEIVED: May. 03, 2011

API Well Number: 43013507190000

Project: Duchesne Co., UT (UT27C)
Site: Sec.2-T6S-R5W
Well: Federal 8-2D-65
Wellbore: Wellbore #1
Design: Design #1
Latitude: 39° 59' 39.555 N
Longitude: 110° 24' 45.547 W
Ground Level: 7438.00
WELL @ 7452.00usft

GREAT WHITE DIRECTIONAL SERVICES, L.L.C.

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 Federal 8-2D-65, True North
Vertical (TVD) Reference: WELL @ 7452.00usft
Section (VS) Reference: Slot - (0.00N, 0.00E)
Measured Depth Reference: WELL @ 7452.00usft
Calculation Method: Minimum Curvature

WELL DETAILS: Federal 8-2D-65

Ground Level: 7438.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	606828.395	2304630.774	39° 59' 39.555 N	110° 24' 45.547 W	

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

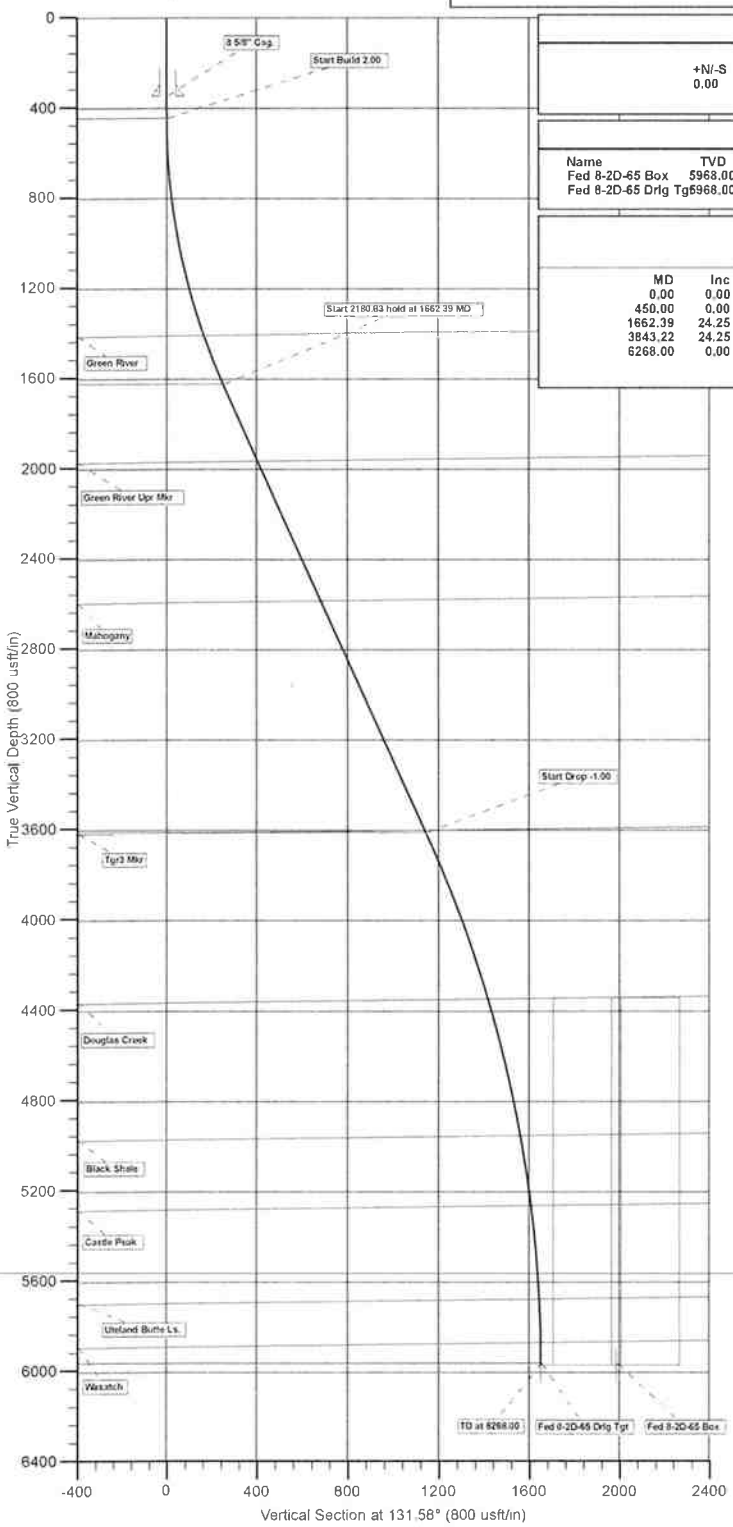
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
Fed 8-2D-65 Box	5968.00	-1312.52	1493.27	605534.124	2306139.890	39° 59' 26.583 N	110° 24' 26.360 W	Polygon
Fed 8-2D-65 Drlg Tg	5968.00	-1097.56	1237.16	605745.955	2305881.185	39° 59' 28.707 N	110° 24' 29.651 W	Circle (Radius: 100.00)

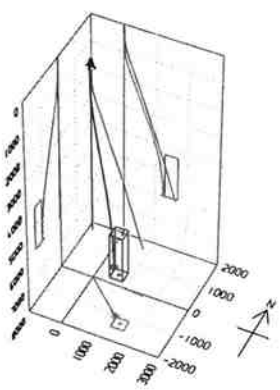
SECTION DETAILS

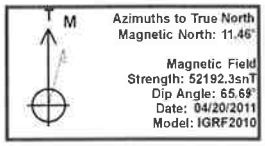
MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
450.00	0.00	0.00	450.00	0.00	0.00	0.00	0.00	0.00	Start Build 2.00
1662.39	24.25	131.58	1626.52	-167.73	189.06	2.00	131.58	252.74	Start 2180.83 hold at 1662.39 MD
3843.22	24.25	131.58	3614.96	-762.11	859.04	0.00	0.00	1148.37	Start Drop -1.00
6268.00	0.00	0.00	5968.00	-1097.56	1237.16	1.00	180.00	1653.84	TD at 6268.00

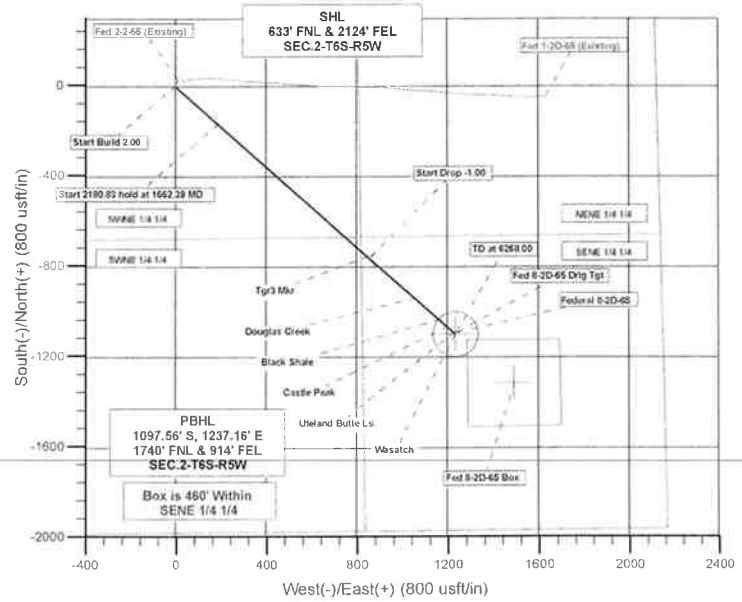
FORMATION TOP DETAILS

TVDPath	MDPath	Formation
1406.02	1424.72	Green River
1963.13	2031.57	Green River Upr Mkr
2582.77	2711.16	Mahogany
3599.25	3826.00	Tgr3 Mkr
4345.91	4623.42	Douglas Creek
4951.18	5245.76	Black Shale
5260.61	5558.80	Castle Peak
5674.17	5974.04	Uteland Butte Ls.
5868.09	6168.09	Wasatch









Plan: Design #1 (Federal 8-2D-65/Wellbore #1)

Created By: Bret Wolford Date: 8:48, April 21 2011

RECEIVED: May. 03, 2011

Berry Petroleum Company

Duchesne Co., UT (UT27C)
Sec.2-T6S-R5W
Federal 8-2D-65

Wellbore #1

Plan: Design #1

Standard Planning Report

21 April, 2011

GREAT WHITE
DIRECTIONAL SERVICES, L.L.C.

RECEIVED: May. 03, 2011

Great White Directional Services, LLC

Planning Report

Database:	EDM 5000.1 EDMDBBW	**Local Co-ordinate Reference:**	Well Federal 8-2D-65
Company:	Berry Petroleum Company	**TVD Reference:**	WELL @ 7452.00usft
Project:	Duchesne Co., UT (UT27C)	**MD Reference:**	WELL @ 7452.00usft
Site:	Sec.2-T6S-R5W	**North Reference:**	True
Well:	Federal 8-2D-65	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

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.2-T6S-R5W

Site Position:		**Northing:**	604,367.187 usft	**Latitude:**	39° 59' 15.227 N
From:	Lat/Long	**Easting:**	2,304,673.866 usft	**Longitude:**	110° 24' 45.378 W
Position Uncertainty:	0.00 usft	**Slot Radius:**	13-3/16"	**Grid Convergence:**	0.70 °

Well Federal 8-2D-65

Well Position	**+N/-S**	2,461.55 usft	**Northing:**	606,828.395 usft	**Latitude:**	39° 59' 39.555 N
	+E/-W	-13.17 usft	**Easting:**	2,304,630.774 usft	**Longitude:**	110° 24' 45.547 W
Position Uncertainty		0.00 usft	**Wellhead Elevation:**	usft	**Ground Level:**	7,438.00 usft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	04/20/11	11.46	65.69	52,192

Design Design #1

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	131.58

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	
450.00	0.00	0.00	450.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,662.39	24.25	131.58	1,626.52	-167.73	189.06	2.00	2.00	0.00	131.58	
3,843.22	24.25	131.58	3,614.96	-762.11	859.04	0.00	0.00	0.00	0.00	
6,268.00	0.00	0.00	5,968.00	-1,097.56	1,237.16	1.00	-1.00	0.00	180.00	Fed 8-2D-65 Drlg Tgt

RECEIVED: May. 03, 2011

Great White Directional Services, LLC

Planning Report

Database:	EDM 5000.1 EDMDBBW	**Local Co-ordinate Reference:**	Well Federal 8-2D-65
Company:	Berry Petroleum Company	**TVD Reference:**	WELL @ 7452.00usft
Project:	Duchesne Co., UT (UT27C)	**MD Reference:**	WELL @ 7452.00usft
Site:	Sec.2-T6S-R5W	**North Reference:**	True
Well:	Federal 8-2D-65	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

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
8 5/8" Csg.									
350.00	0.00	0.00	350.00	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
Start Build 2.00									
450.00	0.00	0.00	450.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	1.00	131.58	500.00	-0.29	0.33	0.44	2.00	2.00	0.00
600.00	3.00	131.58	599.93	-2.61	2.94	3.93	2.00	2.00	0.00
700.00	5.00	131.58	699.68	-7.23	8.15	10.90	2.00	2.00	0.00
800.00	7.00	131.58	799.13	-14.17	15.97	21.35	2.00	2.00	0.00
900.00	9.00	131.58	898.15	-23.41	26.38	35.27	2.00	2.00	0.00
1,000.00	11.00	131.58	996.63	-34.93	39.37	52.63	2.00	2.00	0.00
1,100.00	13.00	131.58	1,094.44	-48.73	54.93	73.42	2.00	2.00	0.00
1,200.00	15.00	131.58	1,191.46	-64.78	73.02	97.62	2.00	2.00	0.00
1,300.00	17.00	131.58	1,287.58	-83.07	93.64	125.18	2.00	2.00	0.00
1,400.00	19.00	131.58	1,382.68	-103.58	116.75	156.08	2.00	2.00	0.00
Green River									
1,424.72	19.49	131.58	1,406.02	-108.99	122.85	164.23	2.00	2.00	0.00
1,500.00	21.00	131.58	1,476.65	-126.28	142.34	190.28	2.00	2.00	0.00
1,600.00	23.00	131.58	1,569.36	-151.14	170.36	227.74	2.00	2.00	0.00
Start 2180.83 hold at 1662.39 MD									
1,662.39	24.25	131.58	1,626.52	-167.73	189.06	252.74	2.00	2.00	0.00
1,700.00	24.25	131.58	1,660.81	-177.98	200.62	268.18	0.00	0.00	0.00
1,800.00	24.25	131.58	1,751.99	-205.23	231.34	309.25	0.00	0.00	0.00
1,900.00	24.25	131.58	1,843.17	-232.49	262.06	350.32	0.00	0.00	0.00
2,000.00	24.25	131.58	1,934.35	-259.74	292.78	391.39	0.00	0.00	0.00
Green River Upr Mkr									
2,031.57	24.25	131.58	1,963.13	-268.35	302.48	404.35	0.00	0.00	0.00
2,100.00	24.25	131.58	2,025.53	-287.00	323.50	432.46	0.00	0.00	0.00
2,200.00	24.25	131.58	2,116.70	-314.25	354.22	473.53	0.00	0.00	0.00
2,300.00	24.25	131.58	2,207.88	-341.51	384.94	514.59	0.00	0.00	0.00
2,400.00	24.25	131.58	2,299.06	-368.76	415.66	555.66	0.00	0.00	0.00
2,500.00	24.25	131.58	2,390.24	-396.02	446.38	596.73	0.00	0.00	0.00
2,600.00	24.25	131.58	2,481.41	-423.27	477.11	637.80	0.00	0.00	0.00
2,700.00	24.25	131.58	2,572.59	-450.52	507.83	678.87	0.00	0.00	0.00
Mahogany									
2,711.16	24.25	131.58	2,582.77	-453.57	511.26	683.45	0.00	0.00	0.00
2,800.00	24.25	131.58	2,663.77	-477.78	538.55	719.94	0.00	0.00	0.00
2,900.00	24.25	131.58	2,754.95	-505.03	569.27	761.00	0.00	0.00	0.00
3,000.00	24.25	131.58	2,846.13	-532.29	599.99	802.07	0.00	0.00	0.00
3,100.00	24.25	131.58	2,937.30	-559.54	630.71	843.14	0.00	0.00	0.00
3,200.00	24.25	131.58	3,028.48	-586.80	661.43	884.21	0.00	0.00	0.00
3,300.00	24.25	131.58	3,119.66	-614.05	692.15	925.28	0.00	0.00	0.00
3,400.00	24.25	131.58	3,210.84	-641.31	722.88	966.35	0.00	0.00	0.00
3,500.00	24.25	131.58	3,302.01	-668.56	753.60	1,007.41	0.00	0.00	0.00
3,600.00	24.25	131.58	3,393.19	-695.82	784.32	1,048.48	0.00	0.00	0.00
3,700.00	24.25	131.58	3,484.37	-723.07	815.04	1,089.55	0.00	0.00	0.00
3,800.00	24.25	131.58	3,575.55	-750.33	845.76	1,130.62	0.00	0.00	0.00
Tgr3 Mkr									
3,826.00	24.25	131.58	3,599.25	-757.41	853.75	1,141.30	0.00	0.00	0.00

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Great White Directional Services, LLC

Planning Report

Database:	EDM 5000.1 EDMDBBW	**Local Co-ordinate Reference:**	Well Federal 8-2D-65
Company:	Berry Petroleum Company	**TVD Reference:**	WELL @ 7452.00usft
Project:	Duchesne Co., UT (UT27C)	**MD Reference:**	WELL @ 7452.00usft
Site:	Sec.2-T6S-R5W	**North Reference:**	True
Well:	Federal 8-2D-65	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

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)
Start Drop -1.00									
3,843.22	24.25	131.58	3,614.96	-762.11	859.04	1,148.37	0.00	0.00	0.00
3,900.00	23.68	131.58	3,666.84	-777.41	876.29	1,171.43	1.00	-1.00	0.00
4,000.00	22.68	131.58	3,758.77	-803.53	905.73	1,210.79	1.00	-1.00	0.00
4,100.00	21.68	131.58	3,851.37	-828.59	933.97	1,248.54	1.00	-1.00	0.00
4,200.00	20.68	131.58	3,944.61	-852.56	961.00	1,284.67	1.00	-1.00	0.00
4,300.00	19.68	131.58	4,038.47	-875.46	986.81	1,319.17	1.00	-1.00	0.00
4,400.00	18.68	131.58	4,132.92	-897.26	1,011.38	1,352.02	1.00	-1.00	0.00
4,500.00	17.68	131.58	4,227.92	-917.96	1,034.72	1,383.22	1.00	-1.00	0.00
4,600.00	16.68	131.58	4,323.46	-937.57	1,056.82	1,412.76	1.00	-1.00	0.00
Douglas Creek									
4,623.42	16.45	131.58	4,345.91	-942.00	1,061.81	1,419.43	1.00	-1.00	0.00
4,700.00	15.68	131.58	4,419.50	-956.06	1,077.66	1,440.63	1.00	-1.00	0.00
4,800.00	14.68	131.58	4,516.01	-973.44	1,097.25	1,466.81	1.00	-1.00	0.00
4,900.00	13.68	131.58	4,612.96	-989.69	1,115.57	1,491.31	1.00	-1.00	0.00
5,000.00	12.68	131.58	4,710.33	-1,004.82	1,132.63	1,514.11	1.00	-1.00	0.00
5,100.00	11.68	131.58	4,808.07	-1,018.83	1,148.41	1,535.21	1.00	-1.00	0.00
5,200.00	10.68	131.58	4,906.17	-1,031.69	1,162.92	1,554.59	1.00	-1.00	0.00
Black Shale									
5,245.76	10.22	131.58	4,951.18	-1,037.20	1,169.13	1,562.90	1.00	-1.00	0.00
5,300.00	9.68	131.58	5,004.60	-1,043.42	1,176.14	1,572.27	1.00	-1.00	0.00
5,400.00	8.68	131.58	5,103.32	-1,054.01	1,188.07	1,588.22	1.00	-1.00	0.00
5,500.00	7.68	131.58	5,202.30	-1,063.45	1,198.71	1,602.45	1.00	-1.00	0.00
Castle Peak									
5,558.80	7.09	131.58	5,260.61	-1,068.47	1,204.37	1,610.01	1.00	-1.00	0.00
5,600.00	6.68	131.58	5,301.51	-1,071.75	1,208.06	1,614.95	1.00	-1.00	0.00
5,700.00	5.68	131.58	5,400.93	-1,078.89	1,216.12	1,625.71	1.00	-1.00	0.00
5,800.00	4.68	131.58	5,500.52	-1,084.88	1,222.87	1,634.74	1.00	-1.00	0.00
5,900.00	3.68	131.58	5,600.25	-1,089.72	1,228.32	1,642.03	1.00	-1.00	0.00
Uteland Butte Ls.									
5,974.04	2.94	131.58	5,674.17	-1,092.56	1,231.52	1,646.31	1.00	-1.00	0.00
6,000.00	2.68	131.58	5,700.10	-1,093.40	1,232.47	1,647.58	1.00	-1.00	0.00
6,100.00	1.68	131.58	5,800.02	-1,095.93	1,235.32	1,651.38	1.00	-1.00	0.00
Wasatch									
6,168.09	1.00	131.58	5,868.09	-1,096.98	1,236.51	1,652.97	1.00	-1.00	0.00
6,200.00	0.68	131.58	5,900.00	-1,097.29	1,236.86	1,653.44	1.00	-1.00	0.00
TD at 6268.00 - Fed 8-2D-65 Drlg Tgt - Fed 8-2D-65 Box									
6,268.00	0.00	0.00	5,968.00	-1,097.56	1,237.16	1,653.84	1.00	-1.00	0.00

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Great White Directional Services, LLC

Planning Report

Database:	EDM 5000.1 EDMDBBW	**Local Co-ordinate Reference:**	Well Federal 8-2D-65
Company:	Berry Petroleum Company	**TVD Reference:**	WELL @ 7452.00usft
Project:	Duchesne Co., UT (UT27C)	**MD Reference:**	WELL @ 7452.00usft
Site:	Sec.2-T6S-R5W	**North Reference:**	True
Well:	Federal 8-2D-65	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

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
Fed 8-2D-65 Drlg Tgt	0.00	0.00	5,968.00	-1,097.56	1,237.16	605,745.955	2,305,881.185	39° 59' 28.707 N	110° 24' 29.651 W
- plan hits target center									
- Circle (radius 100.00)									
Fed 8-2D-65 Box	0.00	0.00	5,968.00	-1,312.52	1,493.27	605,534.124	2,306,139.890	39° 59' 26.583 N	110° 24' 26.360 W
- plan misses target center by 334.37usft at 6268.00usft MD (5968.00 TVD, -1097.56 N, 1237.16 E)									
- Polygon									
Point 1			5,968.00	189.77	-205.96	605,721.38	2,305,931.64		
Point 2			5,968.00	193.69	198.54	605,730.21	2,306,336.06		
Point 3			5,968.00	-189.86	207.91	605,346.81	2,306,350.09		
Point 4			5,968.00	-193.60	-200.48	605,338.10	2,305,941.78		
Point 5			5,968.00	189.77	-205.96	605,721.38	2,305,931.64		

Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
350.00	350.00	8 5/8" Csg.	8-5/8	11

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,424.72	1,408.00	Green River		-0.69	131.58
2,031.57	1,968.00	Green River Upr Mkr		-0.69	131.58
2,711.16	2,591.00	Mahogany		-0.69	131.58
3,826.00	3,613.00	Tgr3 Mkr		-0.69	131.58
4,623.42	4,363.00	Douglas Creek		-0.69	131.58
5,245.76	4,970.00	Black Shale		-0.69	131.58
5,558.80	5,280.00	Castle Peak		-0.69	131.58
5,974.04	5,694.00	Uteland Butte Ls.		-0.69	131.58
6,168.09	5,888.00	Wasatch		-0.69	131.58

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
450.00	450.00	0.00	0.00	Start Build 2.00
1,662.39	1,626.52	-167.73	189.06	Start 2180.83 hold at 1662.39 MD
3,843.22	3,614.96	-762.11	859.04	Start Drop -1.00
6,268.00	5,968.00	-1,097.56	1,237.16	TD at 6268.00

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Berry Petroleum Company

Duchesne Co., UT (UT27C)
Sec.2-T6S-R5W
Federal 8-2D-65

Wellbore #1
Design #1

Anticollision Report

21 April, 2011

GREAT WHITE
DIRECTIONAL SERVICES, L.L.C.

RECEIVED: May. 03, 2011

Great White Directional Services, LLC

Anticollision Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well Federal 8-2D-65
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 7452.00usft
Reference Site:	Sec.2-T6S-R5W	**MD Reference:**	WELL @ 7452.00usft
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	Federal 8-2D-65	**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 #1	**Offset TVD Reference:**	Reference Datum

Reference	Design #1		
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 10,000.00 usft	**Error Surface:**	Elliptical Conic
Warning Levels Evaluated at:	2.00 Sigma	**Casing Method:**	Not applied

Survey Tool Program **Date** 04/21/11

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.00	6,268.00	Design #1 (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.2-T6S-R5W						
Fed 1-2D-65 (Existing) - Wellbore #1 - Wellbore #1	443.74	435.75	42.10	40.71	30.259	CC
Fed 1-2D-65 (Existing) - Wellbore #1 - Wellbore #1	450.00	441.95	42.10	40.68	29.698	ES
Fed 1-2D-65 (Existing) - Wellbore #1 - Wellbore #1	6,268.00	6,088.36	1,108.16	1,045.77	17.762	SF
Fed 2-2-65 (Existing) - Wellbore #1 - Wellbore #1	450.00	450.00	22.21	20.82	16.002	CC
Fed 2-2-65 (Existing) - Wellbore #1 - Wellbore #1	500.00	500.00	22.33	20.79	14.458	ES
Fed 2-2-65 (Existing) - Wellbore #1 - Wellbore #1	700.00	699.68	27.34	25.17	12.608	SF

Offset Design Sec.2-T6S-R5W - Fed 1-2D-65 (Existing) - Wellbore #1 - Wellbore #1

Survey Program: 383-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)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	8.00	0.00	0.00	52.35	27.27	35.34	45.35				
100.00	100.00	92.13	100.13	0.10	0.10	52.30	27.22	35.21	44.51	44.31	0.20	225.986	
200.00	200.00	192.26	200.26	0.32	0.21	52.12	27.06	34.79	44.07	43.54	0.53	83.043	
300.00	300.00	292.39	300.39	0.55	0.32	51.82	26.79	34.06	43.33	42.47	0.86	50.128	
400.00	400.00	392.41	400.40	0.77	0.44	51.38	26.40	33.05	42.31	41.10	1.21	35.062	
443.74	443.74	435.75	443.74	0.87	0.52	51.53	26.19	32.96	42.10	40.71	1.39	30.259	CC
450.00	450.00	441.95	449.94	0.88	0.54	51.59	26.15	32.99	42.10	40.68	1.42	29.698	ES
500.00	500.00	491.00	498.98	0.98	0.63	51.87	26.03	33.86	42.64	41.03	1.61	26.474	
600.00	599.93	588.96	596.79	1.18	0.84	50.71	26.85	38.94	46.62	44.61	2.01	23.223	
700.00	699.68	686.16	693.46	1.39	1.07	48.41	28.80	48.76	54.64	52.19	2.45	22.309	
800.00	799.13	783.06	789.17	1.63	1.35	46.02	31.75	63.56	66.87	63.92	2.95	22.654	
900.00	898.15	879.57	883.69	1.91	1.70	44.27	34.46	82.80	82.10	78.59	3.52	23.330	
1,000.00	996.63	975.29	976.37	2.25	2.14	43.30	36.46	106.64	100.16	95.97	4.19	23.926	
1,100.00	1,094.44	1,071.64	1,068.68	2.63	2.66	42.46	37.92	134.22	120.25	115.29	4.96	24.260	
1,200.00	1,191.46	1,169.91	1,162.30	3.08	3.23	41.43	38.36	164.06	140.63	134.79	5.84	24.086	
1,300.00	1,287.58	1,270.84	1,258.03	3.60	3.82	40.69	35.90	195.94	159.66	152.83	6.83	23.372	
1,400.00	1,382.68	1,369.68	1,351.85	4.18	4.38	38.99	32.36	226.81	177.60	169.69	7.91	22.441	
1,500.00	1,476.65	1,465.91	1,443.27	4.84	4.94	36.31	29.39	256.72	196.03	186.93	9.10	21.535	
1,600.00	1,569.36	1,562.49	1,534.85	5.56	5.55	33.29	26.95	287.31	215.83	205.42	10.41	20.739	
1,662.39	1,626.52	1,624.19	1,593.32	6.06	5.93	31.42	25.22	306.91	228.51	217.24	11.27	20.270	
1,700.00	1,660.81	1,660.49	1,627.74	6.36	6.15	30.23	24.15	318.38	236.26	224.46	11.80	20.028	

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

RECEIVED: May. 03, 2011

Great White Directional Services, LLC

Anticollision Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well Federal 8-2D-65
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 7452.00usft
Reference Site:	Sec.2-T6S-R5W	**MD Reference:**	WELL @ 7452.00usft
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	Federal 8-2D-65	**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 #1	**Offset TVD Reference:**	Reference Datum

Offset Design Sec.2-T6S-R5W - Fed 1-2D-65 (Existing) - Wellbore #1 - Wellbore #1

Offset Site Error: 0.00 usft

Offset Well Error: 0.00 usft

Survey Program: 383-MWD

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)	Azimuth from North (°)	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
1,800.00	1,751.99	1,756.83	1,719.23	7.19	6.71	27.30	21.68	348.47	257.45	244.28	13.17	19.545	
1,900.00	1,843.17	1,852.34	1,810.24	8.02	7.26	24.54	20.19	377.40	279.70	265.19	14.52	19.266	
2,000.00	1,934.35	1,950.94	1,904.48	8.87	7.82	22.18	18.87	406.37	302.36	286.51	15.86	19.070	
2,100.00	2,025.53	2,046.05	1,995.61	9.71	8.35	19.86	17.82	433.58	325.47	308.31	17.16	18.970	
2,200.00	2,116.70	2,148.14	2,092.98	10.57	8.97	18.43	15.63	464.16	348.53	330.01	18.52	18.818	
2,300.00	2,207.88	2,247.00	2,186.85	11.42	9.59	17.30	11.72	494.93	370.55	350.66	19.90	18.623	
2,400.00	2,299.06	2,339.68	2,274.93	12.28	10.16	15.96	8.44	523.57	393.07	371.86	21.21	18.530	
2,500.00	2,390.24	2,438.50	2,369.29	13.14	10.73	14.81	6.48	552.84	416.86	394.36	22.51	18.521	
2,600.00	2,481.41	2,534.37	2,461.23	14.00	11.27	13.53	4.03	579.92	439.96	416.21	23.76	18.520	
2,700.00	2,572.59	2,624.68	2,547.30	14.87	11.81	12.38	2.14	607.20	464.13	439.11	25.02	18.552	
2,800.00	2,663.77	2,721.99	2,639.85	15.73	12.41	11.65	0.66	637.22	489.09	462.77	26.32	18.585	
2,900.00	2,754.95	2,817.38	2,730.76	16.60	12.97	10.86	-0.63	666.07	514.17	486.59	27.58	18.640	
3,000.00	2,846.13	2,908.75	2,817.78	17.46	13.53	10.03	-1.40	693.92	539.88	511.05	28.84	18.722	
3,100.00	2,937.30	2,997.28	2,902.15	18.33	14.06	9.15	-1.07	720.71	566.77	536.71	30.07	18.852	
3,200.00	3,028.48	3,101.48	3,001.12	19.20	14.71	8.91	-0.80	753.30	593.79	562.39	31.40	18.911	
3,300.00	3,119.66	3,197.27	3,091.79	20.06	15.33	8.55	-1.38	784.22	620.18	587.46	32.72	18.956	
3,400.00	3,210.84	3,292.78	3,182.42	20.93	15.92	8.14	-1.88	814.34	646.56	612.56	34.00	19.015	
3,500.00	3,302.01	3,394.18	3,279.08	21.80	16.53	7.81	-2.07	844.96	673.11	637.83	35.28	19.077	
3,600.00	3,393.19	3,491.94	3,372.37	22.67	17.11	7.39	-2.82	874.19	699.11	662.57	36.54	19.133	
3,700.00	3,484.37	3,591.08	3,467.03	23.54	17.69	7.02	-3.99	903.64	724.73	686.93	37.80	19.175	
3,800.00	3,575.55	3,698.54	3,569.94	24.41	18.30	6.80	-6.00	934.49	749.62	710.56	39.06	19.191	
3,843.22	3,614.96	3,740.63	3,610.32	24.79	18.54	6.59	-7.11	946.32	760.03	720.45	39.58	19.202	
3,900.00	3,666.84	3,795.62	3,663.10	25.23	18.85	6.34	-8.57	961.69	773.58	733.35	40.23	19.230	
4,000.00	3,758.77	3,889.00	3,752.50	25.89	19.39	5.97	-10.94	988.56	796.93	755.63	41.30	19.296	
4,100.00	3,851.37	3,990.18	3,849.22	26.54	19.98	5.89	-13.57	1,018.12	819.35	776.92	42.43	19.313	
4,200.00	3,944.61	4,083.72	3,938.90	27.16	20.51	5.71	-15.90	1,044.63	840.85	797.36	43.48	19.337	
4,300.00	4,038.47	4,178.35	4,029.78	27.76	21.04	5.60	-17.76	1,070.93	861.86	817.33	44.53	19.355	
4,400.00	4,132.92	4,270.77	4,118.61	28.33	21.55	5.53	-19.08	1,096.39	882.40	836.85	45.55	19.372	
4,500.00	4,227.92	4,374.14	4,217.90	28.88	22.12	5.75	-20.27	1,125.15	902.30	855.66	46.63	19.349	
4,600.00	4,323.46	4,488.60	4,327.71	29.40	22.76	6.27	-23.39	1,157.27	919.69	871.89	47.79	19.243	
4,700.00	4,419.50	4,577.45	4,413.03	29.90	23.26	6.40	-26.35	1,181.90	935.55	886.76	48.79	19.175	
4,800.00	4,516.01	4,670.33	4,502.21	30.37	23.78	6.67	-28.14	1,207.77	951.83	902.03	49.80	19.113	
4,900.00	4,612.96	4,772.49	4,600.16	30.81	24.36	7.20	-30.44	1,236.74	966.96	916.08	50.88	19.005	
5,000.00	4,710.33	4,875.00	4,698.30	31.23	24.95	7.83	-32.86	1,266.25	981.19	929.22	51.96	18.882	
5,100.00	4,808.07	4,969.48	4,789.15	31.62	25.47	8.31	-35.31	1,292.06	994.13	941.18	52.94	18.777	
5,200.00	4,906.17	5,054.18	4,870.49	31.98	25.94	8.72	-36.51	1,315.64	1,007.46	953.61	53.85	18.708	
5,300.00	5,004.60	5,143.41	4,956.08	32.32	26.45	9.29	-36.93	1,340.82	1,021.03	966.25	54.78	18.638	
5,400.00	5,103.32	5,250.78	5,059.37	32.62	27.03	10.15	-37.19	1,370.16	1,033.93	978.14	55.79	18.533	
5,500.00	5,202.30	5,356.40	5,161.66	32.90	27.56	10.91	-37.76	1,396.46	1,045.37	988.68	56.70	18.438	
5,600.00	5,301.51	5,466.49	5,268.92	33.16	28.06	11.66	-39.19	1,421.20	1,054.83	997.28	57.55	18.329	
5,700.00	5,400.93	5,575.85	5,375.75	33.39	28.54	12.41	-41.47	1,444.47	1,062.55	1,004.20	58.35	18.210	
5,800.00	5,500.52	5,662.01	5,459.59	33.59	28.94	13.05	-43.33	1,464.21	1,069.93	1,010.88	59.04	18.121	
5,900.00	5,600.25	5,755.16	5,549.89	33.76	29.40	13.91	-44.76	1,487.05	1,077.69	1,017.90	59.79	18.025	
6,000.00	5,700.10	5,845.00	5,636.54	33.91	29.87	14.88	-46.24	1,510.71	1,085.35	1,024.83	60.53	17.931	
6,100.00	5,800.02	5,936.13	5,724.28	34.04	30.37	15.97	-47.28	1,535.33	1,093.35	1,032.09	61.26	17.848	
6,200.00	5,900.00	6,019.40	5,804.57	34.14	30.81	16.98	-47.33	1,557.39	1,101.94	1,040.05	61.89	17.805	
6,268.00	5,968.00	6,088.36	5,870.84	34.20	31.19	17.90	-47.11	1,576.44	1,108.16	1,045.77	62.39	17.762	SF

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

RECEIVED: May. 03, 2011

Great White Directional Services, LLC

Anticollision Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well Federal 8-2D-65
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 7452.00usft
Reference Site:	Sec.2-T6S-R5W	**MD Reference:**	WELL @ 7452.00usft
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	Federal 8-2D-65	**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 #1	**Offset TVD Reference:**	Reference Datum

Offset Design Sec.2-T6S-R5W - Fed 2-2-65 (Existing) - Wellbore #1 - Wellbore #1

Offset Site Error: 0.00 usft

Survey Program: 6050-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)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	25.36	20.07	9.51	22.21				
100.00	100.00	100.00	100.00	0.10	0.11	25.36	20.07	9.51	22.21	22.00	0.21	106.380	
200.00	200.00	200.00	200.00	0.32	0.22	25.36	20.07	9.51	22.21	21.66	0.55	40.701	
300.00	300.00	300.00	300.00	0.55	0.34	25.36	20.07	9.51	22.21	21.33	0.88	25.165	
400.00	400.00	400.00	400.00	0.77	0.45	25.36	20.07	9.51	22.21	20.99	1.22	18.213	
450.00	450.00	450.00	450.00	0.88	0.50	25.36	20.07	9.51	22.21	20.82	1.39	16.002	CC
500.00	500.00	500.00	500.00	0.98	0.56	24.28	20.07	9.51	22.33	20.79	1.54	14.458	ES
600.00	599.93	599.93	599.93	1.18	0.67	16.17	20.07	9.51	23.61	21.76	1.85	12.775	
700.00	699.68	699.68	699.68	1.39	0.78	2.84	20.07	9.51	27.34	25.17	2.17	12.608	SF
800.00	799.13	799.13	799.13	1.63	0.90	-10.69	20.07	9.51	34.85	32.35	2.50	13.954	
900.00	898.15	898.15	898.15	1.91	1.01	-21.21	20.07	9.51	46.64	43.81	2.83	16.492	
1,000.00	996.63	996.63	996.63	2.25	1.12	-28.50	20.07	9.51	62.58	59.42	3.16	19.800	
1,100.00	1,094.44	1,094.44	1,094.44	2.63	1.23	-33.43	20.07	9.51	82.44	78.94	3.50	23.564	
1,200.00	1,191.46	1,191.46	1,191.46	3.08	1.34	-36.81	20.07	9.51	105.99	102.14	3.84	27.582	
1,300.00	1,287.58	1,287.58	1,287.58	3.60	1.44	-39.20	20.07	9.51	133.10	128.91	4.19	31.729	
1,400.00	1,382.68	1,382.68	1,382.68	4.18	1.55	-40.94	20.07	9.51	163.68	159.12	4.56	35.923	
1,500.00	1,476.65	1,476.65	1,476.65	4.84	1.66	-42.23	20.07	9.51	197.64	192.71	4.93	40.110	
1,600.00	1,569.36	1,569.36	1,569.36	5.56	1.76	-43.21	20.07	9.51	234.91	229.60	5.31	44.252	
1,662.39	1,626.52	1,626.52	1,626.52	6.06	1.82	-43.71	20.07	9.51	259.82	254.27	5.55	46.801	
1,700.00	1,660.81	1,660.81	1,660.81	6.36	1.86	-43.98	20.07	9.51	275.22	269.50	5.71	48.183	
1,800.00	1,751.99	1,751.99	1,751.99	7.19	1.96	-44.55	20.07	9.51	316.18	310.03	6.14	51.471	
1,900.00	1,843.17	1,843.17	1,843.17	8.02	2.07	-45.00	20.07	9.51	357.16	350.58	6.58	54.284	
2,000.00	1,934.35	1,934.35	1,934.35	8.87	2.17	-45.35	20.07	9.51	398.17	391.14	7.02	56.712	
2,100.00	2,025.53	2,025.53	2,025.53	9.71	2.27	-45.64	20.07	9.51	439.18	431.71	7.47	58.825	
2,200.00	2,116.70	2,116.70	2,116.70	10.57	2.37	-45.88	20.07	9.51	480.20	472.29	7.91	60.678	
2,300.00	2,207.88	2,207.88	2,207.88	11.42	2.48	-46.08	20.07	9.51	521.24	512.87	8.36	62.315	
2,400.00	2,299.06	2,299.06	2,299.06	12.28	2.58	-46.25	20.07	9.51	562.27	553.45	8.82	63.770	
2,500.00	2,390.24	2,390.24	2,390.24	13.14	2.68	-46.40	20.07	9.51	603.31	594.04	9.27	65.071	
2,600.00	2,481.41	2,481.41	2,481.41	14.00	2.78	-46.53	20.07	9.51	644.36	634.63	9.73	66.241	
2,700.00	2,572.59	2,572.59	2,572.59	14.87	2.88	-46.64	20.07	9.51	685.40	675.22	10.18	67.298	
2,800.00	2,663.77	2,663.77	2,663.77	15.73	2.99	-46.74	20.07	9.51	726.45	715.81	10.64	68.258	
2,900.00	2,754.95	2,754.95	2,754.95	16.60	3.09	-46.83	20.07	9.51	767.51	756.40	11.10	69.132	
3,000.00	2,846.13	2,846.13	2,846.13	17.46	3.19	-46.91	20.07	9.51	808.56	797.00	11.56	69.932	
3,100.00	2,937.30	2,937.30	2,937.30	18.33	3.29	-46.98	20.07	9.51	849.61	837.59	12.02	70.667	
3,200.00	3,028.48	3,028.48	3,028.48	19.20	3.40	-47.05	20.07	9.51	890.67	878.19	12.48	71.344	
3,300.00	3,119.66	3,119.66	3,119.66	20.06	3.50	-47.11	20.07	9.51	931.73	918.78	12.95	71.969	
3,400.00	3,210.84	3,210.84	3,210.84	20.93	3.60	-47.17	20.07	9.51	972.78	959.38	13.41	72.549	
3,500.00	3,302.01	3,302.01	3,302.01	21.80	3.70	-47.22	20.07	9.51	1,013.84	999.97	13.87	73.088	
3,600.00	3,393.19	3,393.19	3,393.19	22.67	3.80	-47.26	20.07	9.51	1,054.90	1,040.57	14.33	73.590	
3,700.00	3,484.37	3,484.37	3,484.37	23.54	3.91	-47.31	20.07	9.51	1,095.96	1,081.16	14.80	74.059	
3,800.00	3,575.55	3,575.55	3,575.55	24.41	4.01	-47.35	20.07	9.51	1,137.02	1,121.76	15.26	74.498	
3,843.22	3,614.96	3,614.96	3,614.96	24.79	4.05	-47.36	20.07	9.51	1,154.77	1,139.31	15.46	74.679	
3,900.00	3,666.84	3,666.84	3,666.84	25.23	4.11	-47.38	20.07	9.51	1,177.83	1,162.10	15.73	74.893	
4,000.00	3,758.77	3,758.77	3,758.77	25.89	4.21	-47.42	20.07	9.51	1,217.18	1,201.01	16.17	75.277	
4,100.00	3,851.37	3,851.37	3,851.37	26.54	4.32	-47.45	20.07	9.51	1,254.93	1,238.33	16.60	75.586	
4,200.00	3,944.61	3,944.61	3,944.61	27.16	4.42	-47.48	20.07	9.51	1,291.05	1,274.03	17.03	75.826	
4,300.00	4,038.47	4,038.47	4,038.47	27.76	4.53	-47.50	20.07	9.51	1,325.55	1,308.11	17.44	76.005	
4,400.00	4,132.92	4,132.92	4,132.92	28.33	4.63	-47.52	20.07	9.51	1,358.40	1,340.55	17.84	76.127	
4,500.00	4,227.92	4,227.92	4,227.92	28.88	4.74	-47.54	20.07	9.51	1,389.59	1,371.35	18.24	76.198	
4,600.00	4,323.46	4,323.46	4,323.46	29.40	4.85	-47.56	20.07	9.51	1,419.12	1,400.51	18.62	76.221	
4,700.00	4,419.50	4,419.50	4,419.50	29.90	4.96	-47.58	20.07	9.51	1,446.99	1,428.00	18.99	76.201	
4,800.00	4,516.01	4,516.01	4,516.01	30.37	5.06	-47.59	20.07	9.51	1,473.17	1,453.82	19.35	76.139	

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

RECEIVED: May. 03, 2011

Great White Directional Services, LLC

Anticollision Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well Federal 8-2D-65
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 7452.00usft
Reference Site:	Sec.2-T6S-R5W	**MD Reference:**	WELL @ 7452.00usft
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	Federal 8-2D-65	**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 #1	**Offset TVD Reference:**	Reference Datum

Offset Design Sec.2-T6S-R5W - Fed 2-2-65 (Existing) - Wellbore #1 - Wellbore #1

Survey Program: 6050-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)	Azimuth from North (°)	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
4,900.00	4,612.96	4,612.96	4,612.96	30.81	5.17	-47.61	20.07	9.51	1,497.66	1,477.97	19.70	76.039	
5,000.00	4,710.33	4,710.33	4,710.33	31.23	5.28	-47.62	20.07	9.51	1,520.46	1,500.43	20.03	75.903	
5,100.00	4,808.07	4,808.07	4,808.07	31.62	5.39	-47.63	20.07	9.51	1,541.56	1,521.20	20.36	75.732	
5,200.00	4,906.17	4,906.17	4,906.17	31.98	5.50	-47.64	20.07	9.51	1,560.94	1,540.28	20.67	75.527	
5,300.00	5,004.60	5,004.60	5,004.60	32.32	5.61	-47.65	20.07	9.51	1,578.62	1,557.65	20.97	75.291	
5,400.00	5,103.32	5,103.32	5,103.32	32.62	5.72	-47.66	20.07	9.51	1,594.57	1,573.31	21.25	75.023	
5,500.00	5,202.30	5,202.30	5,202.30	32.90	5.83	-47.66	20.07	9.51	1,608.80	1,587.27	21.53	74.725	
5,600.00	5,301.51	5,301.51	5,301.51	33.16	5.94	-47.67	20.07	9.51	1,621.29	1,599.50	21.79	74.396	
5,700.00	5,400.93	5,400.93	5,400.93	33.39	6.06	-47.67	20.07	9.51	1,632.06	1,610.01	22.04	74.039	
5,800.00	5,500.52	5,500.52	5,500.52	33.59	6.17	-47.68	20.07	9.51	1,641.09	1,618.80	22.28	73.652	
5,900.00	5,600.25	5,600.25	5,600.25	33.76	6.28	-47.68	20.07	9.51	1,648.37	1,625.87	22.51	73.235	
6,000.00	5,700.10	5,700.10	5,700.10	33.91	6.39	-47.68	20.07	9.51	1,653.92	1,631.20	22.72	72.789	
6,100.00	5,800.02	5,800.02	5,800.02	34.04	6.50	-47.68	20.07	9.51	1,657.72	1,634.80	22.92	72.313	
6,200.00	5,900.00	5,900.00	5,900.00	34.14	6.62	-47.69	20.07	9.51	1,659.78	1,636.67	23.11	71.807	
6,268.00	5,968.00	5,968.00	5,968.00	34.20	6.69	-47.69	20.07	9.51	1,660.19	1,636.95	23.24	71.444	

RECEIVED: May. 03, 2011

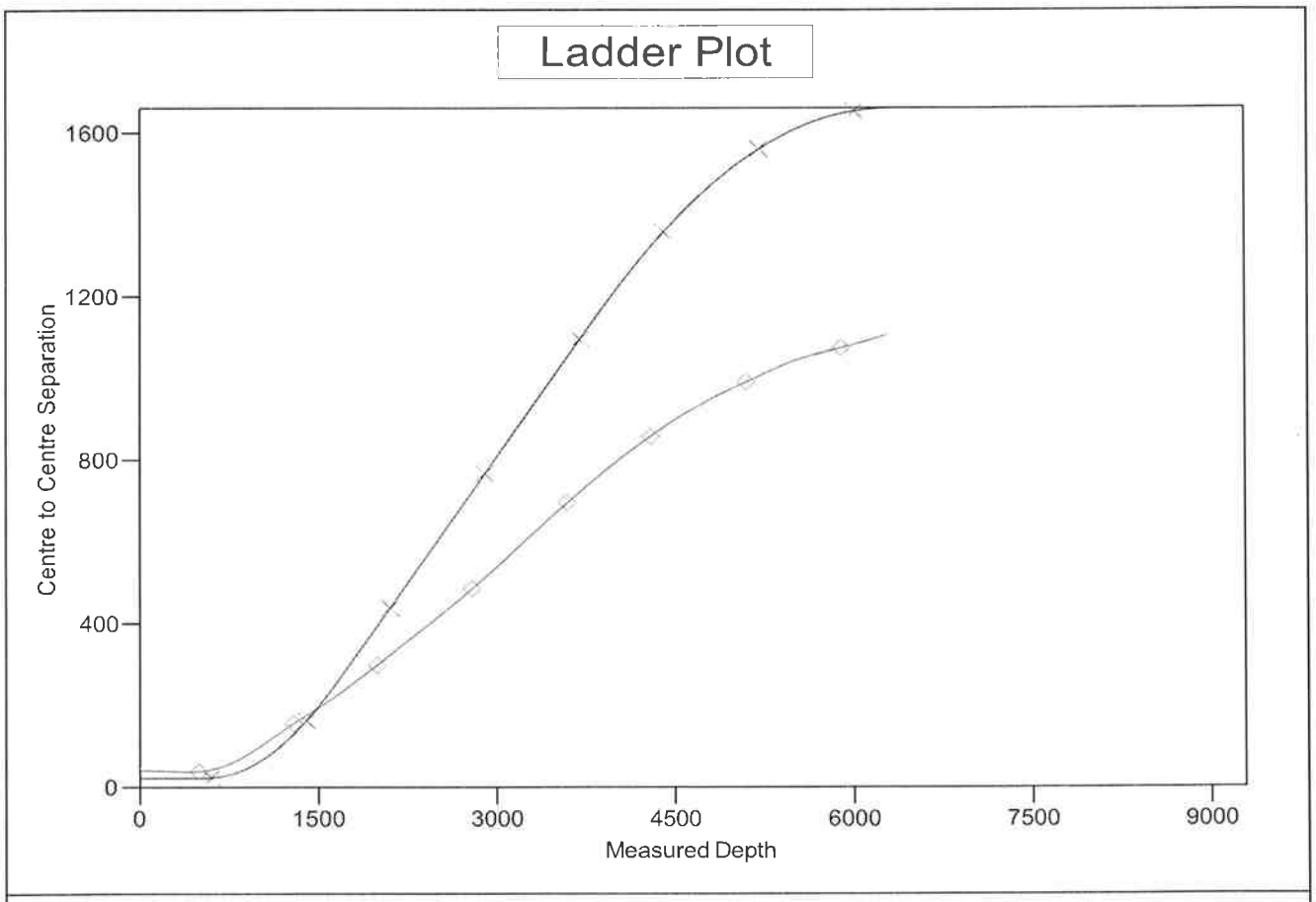
Great White Directional Services, LLC

Anticollision Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well Federal 8-2D-65
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 7452.00usft
Reference Site:	Sec.2-T6S-R5W	**MD Reference:**	WELL @ 7452.00usft
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	Federal 8-2D-65	**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 #1	**Offset TVD Reference:**	Reference Datum

Reference Depths are relative to WELL @ 7452.00usft
Offset Depths are relative to Offset Datum
Central Meridian is 111° 30' 0.000 W

Coordinates are relative to: Federal 8-2D-65
Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302
Grid Convergence at Surface is: 0.70°



LEGEND

ed 1-2D-65 (Existing), Wellbore #1, Wellbore #1 V0 — Fed 2-2-65 (Existing), Wellbore #1, Wellbore #1 V0

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

RECEIVED: May. 03, 2011

Great White Directional Services, LLC

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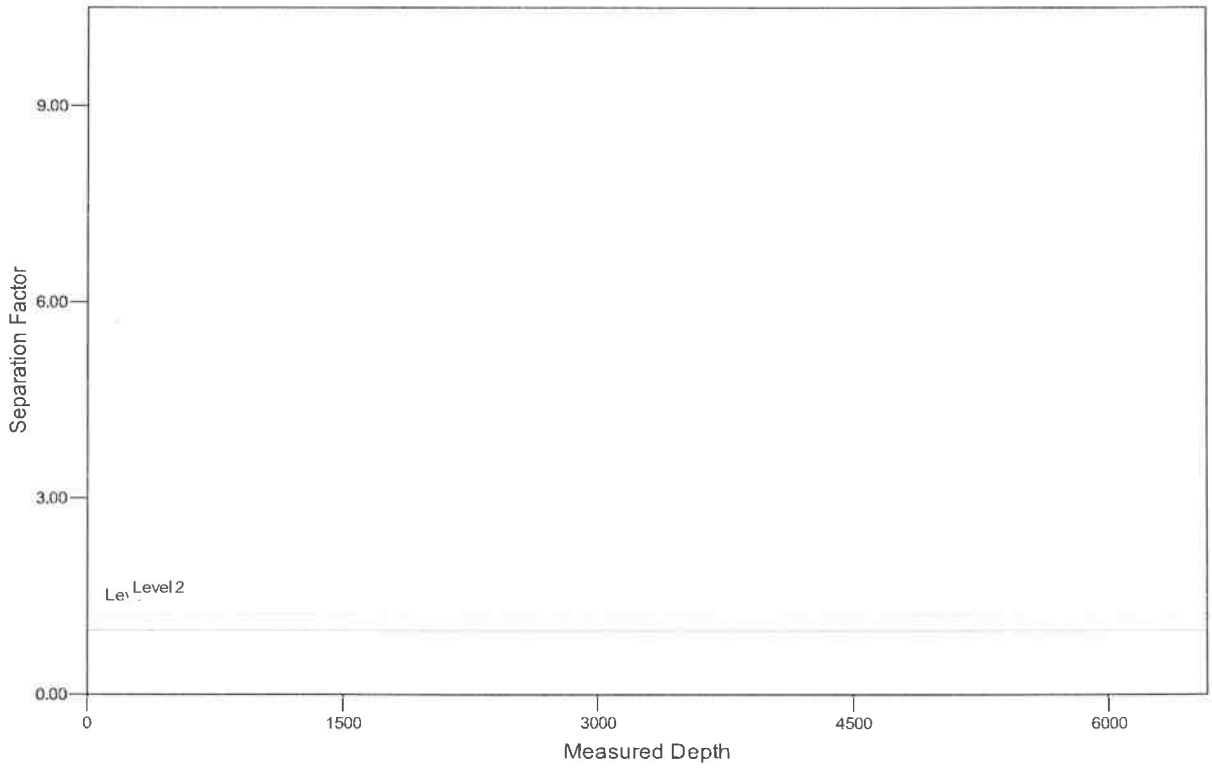
Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302
Grid Convergence at Surface is: 0.70°

Separation Factor Plot



LEGEND

ed 1-2D-65 (Existing), Wellbore #1, Wellbore #1 V0 — Fed 2-2-65 (Existing), Wellbore #1, Wellbore #1 V0

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

RECEIVED: May. 03, 2011

Berry Petroleum Company

Brundage Canyon Field
4000 South 4028 West
Rt. 2 Box 7755
Roosevelt, UT 84066
Ph: (435) 722-1325
Fax: (435) 722-1321
www.bry.com

April 28, 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
FEDERAL 8-2D-65 633 FNL, 2,124' FEL (NWNE) (surface)
1,740' FNL, 914' FEL (SENE) (bottomhole)
Section 2, T6S-R5W
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 FEDERAL 8-2D-65 well is to be located within the Brundage 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.

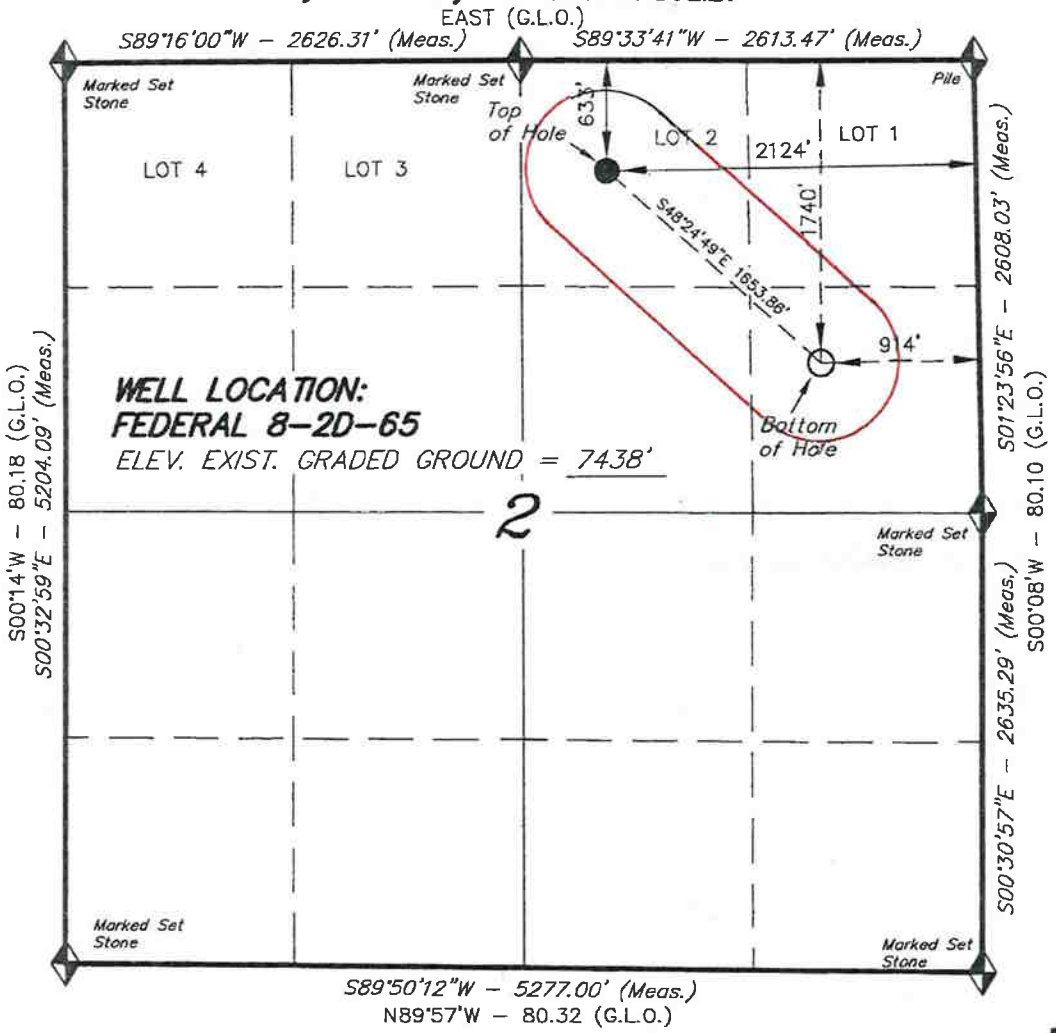
Therefore, based on the above stated information Berry Petroleum Company requests the permit be granted pursuant to R649-3-11.

Respectfully Submitted,

Kathy K. Fieldsted
Regulatory & Permitting Specialist

RECEIVED: May. 03, 2011

T6S, R5W, U.S.B.&M.



BERRY PETROLEUM COMPANY

WELL LOCATION, FEDERAL 8-2D-65, LOCATED AS SHOWN IN THE NW 1/4 NE 1/4 LOT 2 OF SECTION 2, T6S, R5W, U.S.B.&M. DUCHESNE COUNTY, UTAH.

1000' 500' 0' 1000'
BAR SCALE

N

Note:
1. Bearings are based on global positioning satellite observations.
2. Footages are measured at right angles to the section lines.

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
STATE OF UTAH

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

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are based on a bench mark located in the SW 1/4 of Section 9, T5S, R4W, U.S.B.&M. Elev. 6097'

NAD 83 (SURFACE LOCATION)	
LATITUDE = 39°59'39.42"	(39.994283)
LONGITUDE = 110°24'48.10"	(110.413361)
NAD 27 (SURFACE LOCATION)	
LATITUDE = 39°59'39.56"	(39.994321)
LONGITUDE = 110°24'45.55"	(110.412652)
NAD 83 (BOTTOM HOLE LOCATION)	
LATITUDE = 39°59'28.43"	(39.991231)
LONGITUDE = 110°24'32.38"	(110.408994)
NAD 27 (BOTTOM HOLE LOCATION)	
LATITUDE = 39°59'28.57"	(39.991268)
LONGITUDE = 110°24'29.83"	(110.408285)

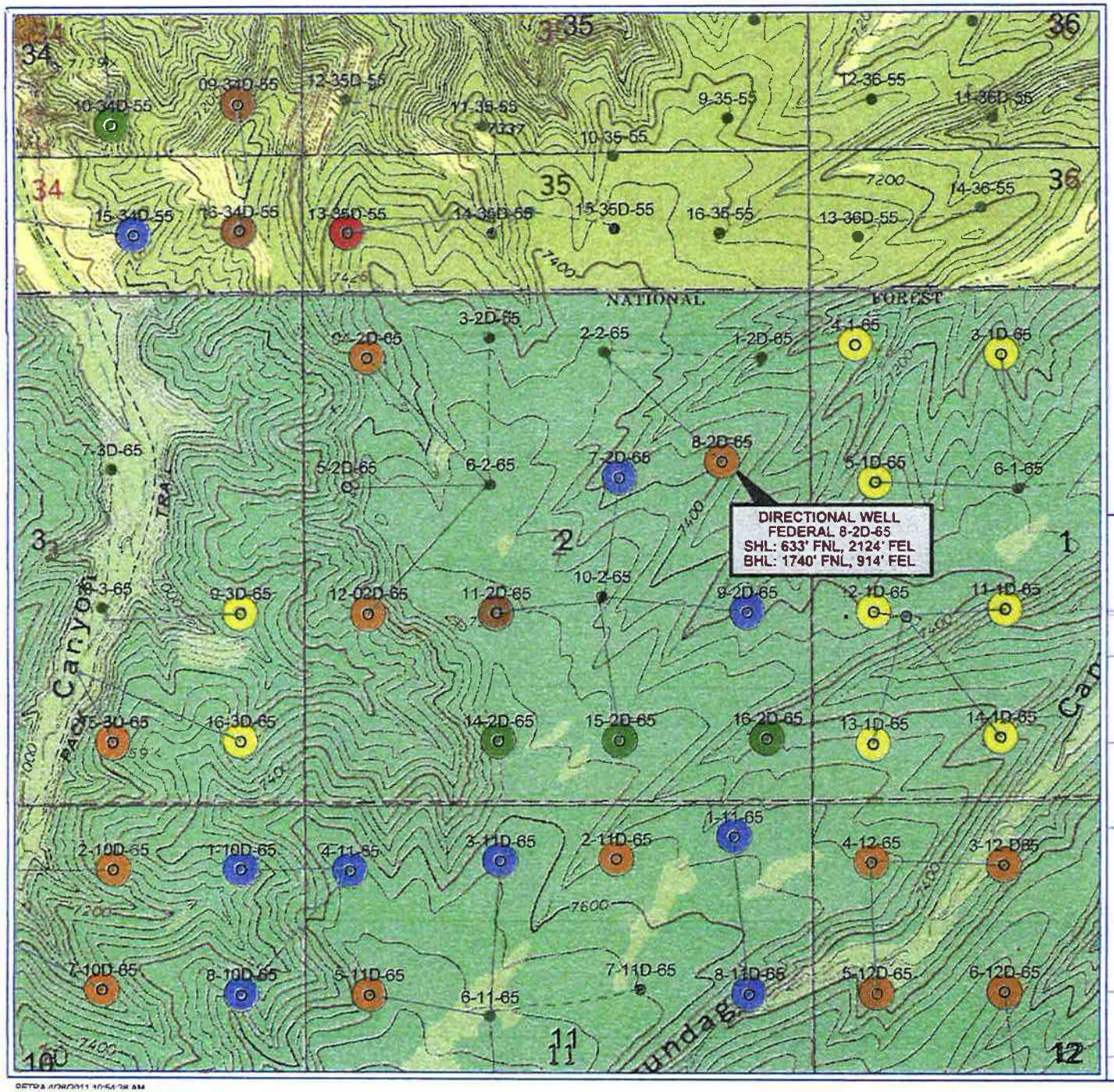
TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. – VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 04-05-11	SURVEYED BY: S.H.
DATE DRAWN: 04-12-11	DRAWN BY: L.C.S.
REVISED:	SCALE: 1" = 1000'

API Well Number: 43013507190000

RECEIVED: May. 03, 2011

API Well Number: 43013507190000



BERRY PETROLEUM COMPANY

Brundage Canyon Project

FEDERAL 8-2D-65

Directional Drilling Location Plat

Sec. 2 T6S R5W - Duchesne Co, UT

0 1,454 2,908
FEET

ATTRIBUTE MAP

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

WELL SYMBOLS

- Location Only
- Oil Well

April 28, 2011

RECEIVED: May. 03, 2011

Berry Petroleum Company

Brundage Canyon Field
4000 South 4028 West
Rt. 2 Box 7755
Roosevelt, UT 84066
Ph: (435) 722-1325
Fax: (435) 722-1321
www.bry.com

April 28, 2011

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

Re: Oil and Gas Conservation General Rules
R649-3-3 Exception to Location and Siting of Wells.
FEDERAL 8-2D-65

Gentlemen:

Berry Petroleum Company is proposing to drill a development well in the Brundage Canyon Field, Duchesne County, Utah. The well is located on lands within the Ashley National Forest. 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.

As shown on the attached staking plat, the proposed location for the FEDERAL 8-2D-65 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 Federal 2-2-65 and the 1-2D-65 surface locations. The staked footages represent the closest accessible location to 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 NW1/4 of section 1 of T6S-R5W.

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

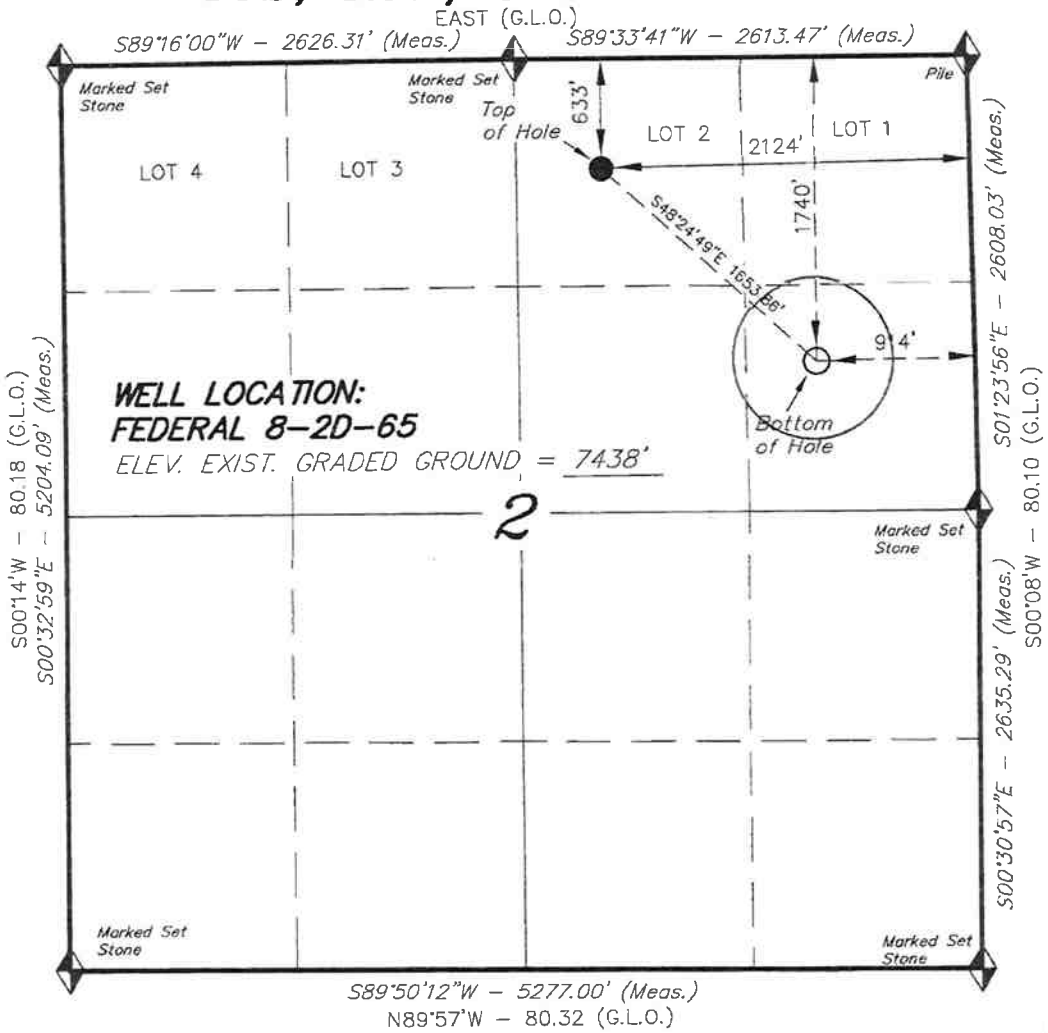
Sincerely,

Kathy K. Fieldsted

Kathy K. Fieldsted
Sr. Regulatory & Permitting Technician

RECEIVED: May. 03, 2011

T6S, R5W, U.S.B.&M.



BERRY PETROLEUM COMPANY

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BAR SCALE

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STACY W. STEWART
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180 NORTH VERNAL AVE. – VERNAL, UTAH 84078
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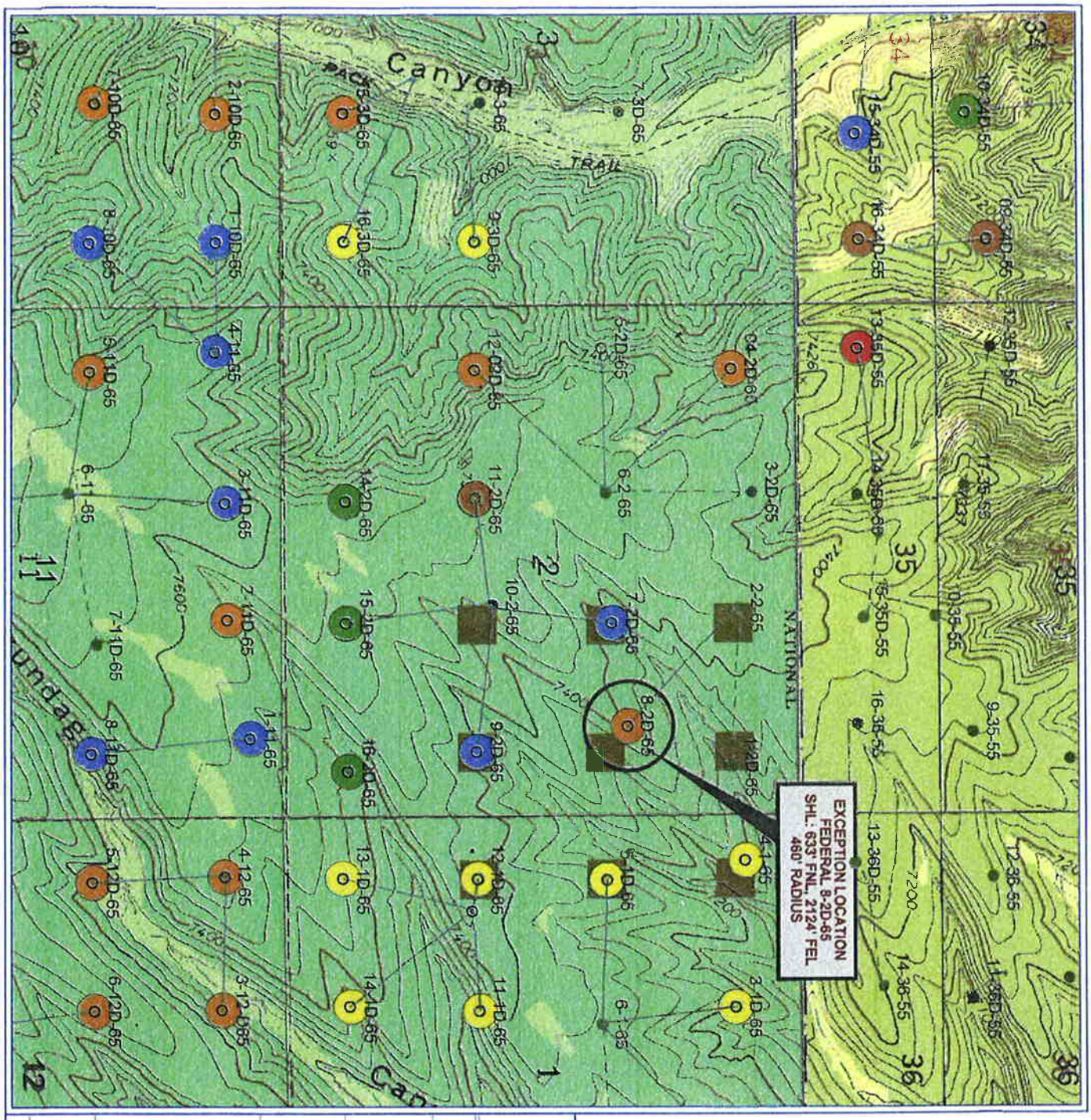
DATE DRAWN: 04-12-11	DRAWN BY: L.C.S.
REVISED:	SCALE: 1" = 1000'

API Well Number: 43013507190000

RECEIVED: May. 03, 2011



BERRY PETROLEUM COMPANY

Brundage Canyon Project

FEDERAL 8-2D-65

Exception Drilling Location Plat

Sec. 2 T6S R5W - Duchesne Co, UT

0 1,454 2,908

FEET

ATTRIBUTE MAP

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

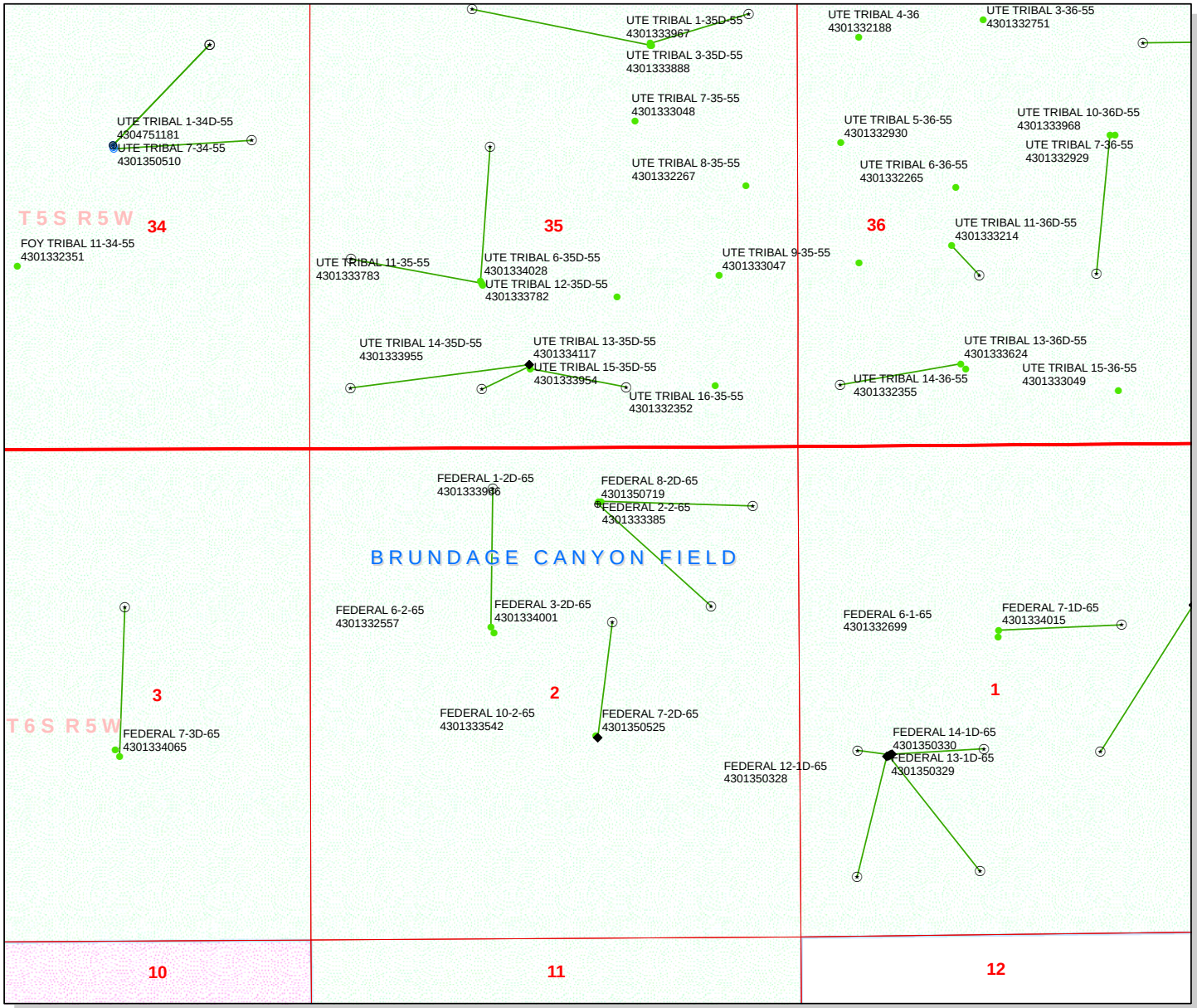
WELL SYMBOLS

- Location Only
- Oil Well

April 28, 2011

RECEIVED: May. 03, 2011

API Well Number: 43013507190000



API Number: 4301350719

Well Name: FEDERAL 8-2D-65

Township T0.6 . Range R0.5 . Section 02

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

N

1,400 700 0 1,400 Feet

1:13,263

RECEIVED: May. 04, 2011

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 5/3/2011 **API NO. ASSIGNED:** 43013507190000
WELL NAME: FEDERAL 8-2D-65
OPERATOR: BERRY PETROLEUM COMPANY (N2480) **PHONE NUMBER:** 435 722-1325
CONTACT: Kathy K. Fieldsted

PROPOSED LOCATION: NWNE 02 060S 050W **Permit Tech Review:** ✔

SURFACE: 0633 FNL 2124 FEL **Engineering Review:** ☐

BOTTOM: 1740 FNL 0914 FEL **Geology Review:** ✔

COUNTY: DUCHESNE
LATITUDE: 39.99439 **LONGITUDE:** -110.41273
UTM SURF EASTINGS: 550135.00 **NORTHINGS:** 4427089.00
FIELD NAME: BRUNDAGE CANYON
LEASE TYPE: 1 - Federal
LEASE NUMBER: UTU77326 **PROPOSED PRODUCING FORMATION(S):** GREEN RIVER
SURFACE OWNER: 1 - Federal **COALBED METHANE:** NO

RECEIVED AND/OR REVIEWED:

- ✔ **PLAT**
- ✔ **Bond:** FEDERAL - UTB000035
- ☐ **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:
1 - Exception Location - dmason
4 - Federal Approval - dmason
15 - Directional - dmason
23 - Spacing - dmason

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: FEDERAL 8-2D-65
API Well Number: 43013507190000
Lease Number: UTU77326
Surface Owner: FEDERAL
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

Exception Location:
Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

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

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

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

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

appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

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

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)
  OR
  submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at http://oilgas.ogm.utah.gov

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

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

Approved By:

For John Rogers
Associate Director, Oil & Gas

Form 3160-3
(August 2007)

RECEIVED
MAY 06 2011
BLM

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
UTU77326

6. If Indian, Allottee or Tribe Name

1a. Type of Work: ☒ DRILL ☐ REENTER

7. If Unit or CA Agreement, Name and No.

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☐ Single Zone ☒ Multiple Zone

8. Lease Name and Well No.
FEDERAL 8-2D-65

2. Name of Operator
BERRY PETROLEUM COMPANY
Contact: KATHY K FIELDSTED
E-Mail: kkf@bry.com

9. API Well No.
43-013-50719

3a. Address
4000 SOUTH 4028 WEST
ROOSEVELT, UT 84066

3b. Phone No. (include area code)
Ph: 435-722-1325
Fx: 435-722-1321

10. Field and Pool, or Exploratory
BRUNDAGE CANYON

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*

At surface Lot 2 633FNL 2124FEL

At proposed prod. zone SENE 1740FNL 914FEL

11. Sec., T., R., M., or Blk. and Survey or Area
Sec 2 T6S R5W Mer UBM
SME: USFS

14. Distance in miles and direction from nearest town or post office*
28

12. County or Parish
DUCHESNE

13. State
UT

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)
633

16. No. of Acres in Lease
1922.88

17. Spacing Unit dedicated to this well
40.00

18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.
20

19. Proposed Depth
6268 MD
5968 TVD

20. BLM/BIA Bond No. on file
UTB000035

21. Elevations (Show whether DF, KB, RT, GL, etc.
7438 GL

22. Approximate date work will start
07/15/2011

23. Estimated duration

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature
(Electronic Submission)

Name (Printed/Typed)
KATHY K FIELDSTED Ph: 435-722-1325

Date
05/06/2011

Title
SR REG & PERMITTING TECH

Approved by (Signature)
Jamie Hatch

Name (Printed/Typed)
Jamie Hatch

Date
7/7/2011

Title
Acting Assistant Field Manager
Lands & Mineral Resources

Office
VERNAL FIELD OFFICE

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Electronic Submission #107687 verified by the BLM Well Information System
For BERRY PETROLEUM COMPANY, sent to the Vernal
Committed to AFMSS for processing by ROBIN R. HANSEN on 05/10/2011 (11RRH2435AE)

RECEIVED
JUL 14 2011
DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

UDOGM

11SXS0624AE

NOS 4/15/2011

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE
170 South 500 East VERNAL, UT 84078 (435) 781-4400

CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	**Berry Petroleum Company**	**Location:**	**Lot 2, Sec. 2, T6S, R5W**
Well No:	**Federal 8-2D-65**	**Lease No:**	**UTU-77326**
API No:	**43-013-50719**	**Agreement:**	**N/A**

BLM OFFICE NUMBER: (435) 781-4400
Forest Service Number: (435) 790-3924

BLM OFFICE FAX NO.: (435) 781-3420
Forest Service Fax No.: (435) 781-5215

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Forest Service Environmental Scientist Sherry Fountain)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Forest Service Environmental Scientist Sherry Fountain)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to: ut_vn_opreport@blm.gov.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)

Conditions of Approval for Berry Petroleum 19 Directional Wells CE Drilling Proposal

Roosevelt - Duchesne Districts, Ashley National Forest
Compiled by Sherry Fountain, May 18, 2011

Introduction

The following is a list of conditions of approval (COAs), being required by the Ashley National Forest, as part of the approval for specific wells and well pads, and their associated development and production activities. These wells and well pads were proposed for construction and development as part of Berry Petroleum's 19directional -wells drilling proposal and Surface Use Plan (SUPO), submitted to the Ashley National Forest during the spring of 2011, and being approved by the Ashley National Forest in August 2009. These Conditions of Approval are in connection with, and in addition to, those listed in the Surface Use Plan of Operations (SUPO) submitted by Berry Petroleum for the proposed wells and associated well pads and production equipment.

List of Well Pads and Wells

The following is a list of the proposed well pads, and associated wells, which are being approved for constructions and development, and to which these conditions of approval will apply. These wells and well pads are also shown on the map accompanying this document.

Map #	Well Pad Name	Well Name	Legal Location
1	ANF 8-1-64 ANF 1-1D-64	Berry 2-1D-64 Berry 7-1D-64 Berry 9-1D-64	T6S R4W SENE ¼ Section 1 USM.
2	ANF 2-2D-64 ANF 8-2D-64	Berry 1-2D-64 Berry 7-2D-64	T6S R4W NE ¼ Section 2 USM.
3	ANF 5-3-64 ANF 6-3D-64	Berry 4-3D-64 Berry 12-3D-64	T6S R4W SWNW ¼ Section 3 USM.
4	ANF 6-6D-64 ANF 7-6D-64	Berry 10-6D-64	T6S R4W SWNE ¼ Section 6 USM.
5	ANF 6-1-65 ANF 7-1D-65	Berry 2-1D-65 Berry 3-1D-65 Berry 5-1D-65	T6S R5W SENW ¼ Section 1 USM.
6	ANF 2-2-65 ANF 1-2D-65	Berry 8-2D-65	T6S R5W NWNE ¼ Section 2 USM.

7	ANF 10-2-65 ANF 7-2D-65	Berry 9-2D-65 Berry 11-2D-65 Berry 15-2D-65	T6S R5W NWSE ¼ Section 2 USM.
8	ANF 5-4-65	Berry 3-4D-65 Berry 4-4D-65 Berry 6-4D-65 Berry 12-4D-65	T6S R5W SWNW ¼ Section 4 USM

General Conditions of Approval

These Conditions of Approval apply to all the wells and well pads listed above. These wells will be drilled on existing well pads. No new construction of the pad or road access is authorized.

Vegetation Resources

- To reduce the spread/introduction of noxious and invasive weed species via project-related vehicles and equipment into the Project Area, Berry and its contractors will power-wash all construction equipment and vehicles prior to the start of construction.

- Berry will implement a weed control program. Weed control will be conducted through an Approved Pesticide Use and Weed Control Plan from the Authorized Officer. Weed monitoring and reclamation measures will be continued on an annual basis (or as frequently as the Authorized Officer determines) throughout the 30 year life of the project. Berry will reseed all portions of well pads and access and pipeline ROW not being utilized for the project operations, as well as any disturbed sites within the Project Area determined necessary by the USFS. Reseeding will be accomplished using native plant species, and as directed by the Forest Service.

Wildlife Protection

- Prior to any surface disturbing activity between April 30 and August 31, Berry or their contractor, in coordination with a USFS Biologist, will survey all areas within 0.25 mile of proposed surface disturbance for the presence of raptor nests. If occupied/active raptor nests are found, construction would not occur during the critical nesting season for that species within the species-specific spatial buffer, unless the nest is obscured from visual or noise-related impacts through vegetative or topographic screening. USFS biologists would determine spatial buffers based on site-specific vegetative and topographic features within the vicinity of occupied nests.

- Well pad and road construction, roads upgrading, and drilling operations will not be conducted between November 15 and April 30, to protect elk winter range.

Paleontology

- Well pads or road construction activities involving excavation of bedrock must be monitored by a qualified Paleontologist. If significant paleontological resources are discovered or observed,

construction activities would be halted and the USFS notified. Operations in the area of the discovery (well pad or road or pipeline in question) would not resume until authorization to proceed has been received from the Forest Service.

Cultural Resources

- If cultural resources are inadvertently discovered, construction activities would be halted and the Forest Service notified. Operations in the area of the discovery (well pad or road or pipeline in question) would not resume until authorization to proceed has been received from the Forest Service.

- All personnel involved in construction, operation and maintenance of the facilities described in the APD will sign and follow the "Archaeological Rules and Restrictions for Berry Petroleum Oil and Gas Development on Ashley National Forest Lands."

- If previously unknown cultural resources are encountered or disturbed during the project, the applicant will cease activities within 100ft/30m of the discovery and will contact Ashley National Forest for evaluation of the discovery.

Access Roads

- Construction or upgrading of roads will not be allowed during muddy or frozen conditions. Should mud holes develop in access roads, they would be filled in with appropriate materials. Detours around mud holes are not allowed.

- Where road developments cross existing cattle fences, cattle guards will be installed and fences will be repaired to functioning condition.

- As needed, Berry will apply water to utilized roads to reduce fugitive dust from vehicle traffic. If water application does not adequately reduce fugitive dust, the use of Magnesium Chloride (MgCl) or other dust-abatement treatments may be required.

- Road drainage crossings for new or upgraded roads will be designed, and maintained for the life of the project, such that drainages are not blocked by road crossings, and so the road crossings do not cause erosion or siltation within the drainages being crossed.

Pipelines

- Where possible, pipelines will be buried along areas where surface pipelines would be at risk from environmental hazards (stream crossings, debris flow fans, etc.).

Soils / Water / Floodplains / Wetlands

- Vegetation and/or structural measures to control erosion will be implemented as soon as possible after initial soil disturbance to prevent erosion of disturbed soils.

- Energy dissipaters such as straw bales and silt fences may be required to prevent excess erosion of soils from disturbed areas into adjacent surface waters or floodplains. These structures would be installed during construction, and would be left in place and maintained for the life of the project or until the disturbed slopes have revegetated and stabilized.

Air Quality

- The Operator will use drill rigs that meet the U.S. Environmental Protection Agency (EPA) Tier II emission standards or better for the LOP.
- The Operator will install pump jack engines that meet the applicable New Source Performance Standards (NSPS) emission limits for pump jack engines.
- The Operator will install emission controls on condensate tank batteries and dehydrators with control efficiencies of greater than 95%.
- The Operator will test the efficiency of controls annually to ensure that flaring/combustors meet >90% efficiency.

Noise

- Pump jack engines will be equipped with high grade mufflers to reduce noise during the operational life of the project.

Reserve Pit or Closed Loop

- All pits containing materials that might be hazardous to wildlife would be covered with steel mesh screen or netting to prevent entry by migratory birds, bats, or other wildlife species.
- The reserve pit will be lined with 20 mil synthetic reinforced material. The liner will overlay a felt liner pad which would protect the liner from punctures if rock is encountered during excavation.
- Transport the cuttings off-site and off-Forest for disposal at an appropriate and approved disposal facility.
- Bury the cuttings on-site, with at least 3 feet of cover materials, in a constructed pit within the cut portion of the well pad. While not optimal, this would effectively remove the cuttings materials from the surface, and from surface runoff, and minimize potential impacts to other surface resources. The disposal pit must be constructed within the cut (<u>not</u> fill) portion of the well pad to ensure the cuttings are not re-exposed at the surface during final well pad reclamation.
- Return to using reserve pits, as described and analyzed in the original approval for your current drilling operations.

DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- Production casing cement shall be brought up and into the surface.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.

- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:

    - Operator name, address, and telephone number.

    - Well name and number.

    - Well location (¼¼, Sec., Twn, Rng, and P.M.).

    - Date well was placed in a producing status (date of first production for which royalty will be paid).

    - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).

    - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.

    - Unit agreement and/or participating area name and number, if applicable.

    - Communitization agreement number, if applicable.

- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.

- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs,

core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.

- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.

- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.

- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.

- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU77326

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:
FEDERAL 8-2D-65

2. NAME OF OPERATOR:
BERRY PETROLEUM COMPANY

9. API NUMBER:
43013507190000

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:
BRUNDAGE CANYON

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0633 FNL 2124 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWNE Section: 02 Township: 06.0S Range: 05.0W 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: 7/15/2012
- ☐ 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.

BERRY PETROLEUM RESPECTFULLY REQUESTS THE APPROVED APD FOR THE FEDERAL 8-2D-65 BE EXTENDED FOR THE PERIOD OF ONE YEAR.

Approved by the Utah Division of Oil, Gas and Mining

Date: April 02, 2012

By:

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

SIGNATURE	DATE
N/A	3/29/2012

RECEIVED: Mar. 29, 2012

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013507190000

API: 43013507190000
Well Name: FEDERAL 8-2D-65
Location: 0633 FNL 2124 FEL QTR NWNE SEC 02 TWNP 060S RNG 050W MER U
Company Permit Issued to: BERRY PETROLEUM COMPANY
Date Original Permit Issued: 5/4/2011

The undersigned as owner with legal rights to drill on the property as permitted above, 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.

- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
- **Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?** ○ **Yes** ◉ **No**
- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **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?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

Signature: Kathy K. Fieldsted **Date:** 3/29/2012
Title: Sr. Regulatory & Permitting Tech. **Representing:** BERRY PETROLEUM COMPANY

RECEIVED: Mar. 29, 2012

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU77326

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:
FEDERAL 8-2D-65

2. NAME OF OPERATOR:
BERRY PETROLEUM COMPANY

9. API NUMBER:
43013507190000

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:
BRUNDAGE CANYON

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0633 FNL 2124 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWNE Section: 02 Township: 06.0S Range: 05.0W 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: 7/1/2012	☐ 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.

BERRY PETROLEUM WOULD LIKE TO REQUEST THE DEEPENING OF THE FEDERAL 8-2D-65 TO THE BASE OF THE WASATCH. ATTACHED IS A NEW DRILLING PLAN AND DIRECTIONAL SURVEY. THERE WILL BE NO CHANGE IN THE BHL FROM THE ORIGINAL APD. WE WOULD ALSO LIKE TO REQUEST TO COMINGLE THE WASATCH AND GREEN RIVER FORMATIONS IN ACCORDANCE WITH UTAH DIVISION OF OIL, GAS AND MINING RULE R649-3-22. ATTACHED IS A COMINGLING AFFIDAVIT AND MAP.

Approved by the Utah Division of Oil, Gas and Mining

Date: April 11, 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	3/23/2012

RECEIVED: Mar. 23, 2012

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.

FEDERAL 8-2D-65
NW ¼, NE ¼, 633' FNL 2124' FEL, Sec. 2, T6S, R5W, U.S.B. & M.
BHL: SE ¼, NE ¼, 1740' FNL, 914' FEL
Lease: UTU-77326
Duchesne, County, Utah

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

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. Berry Petroleum Company 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 drill site 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.

3/22/2012
DATE

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

BERRY PETROLEUM COMPANY
FEDERAL 8-2D-65
NW ¼, NE ¼, 633' FNL 2124' FEL, Sec. 2, T6S, R5W, U.S.B. & M.
BHL: SE ¼, NE ¼, 1740' FNL, 914' FEL
Duchesne County, Utah

ONSHORE ORDER NO. 1

DRILLING PROGRAM

A,B 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	1,408'	1,395'	1,425'
Green River Upper Marker	1,968'	1,954'	2,034'
Mahogany	2,591'	2,565'	2,717'
Tgr3	3,613'	3,595'	3,838'
*Douglas Creek	4,363'	4,342'	4,632'
Black Shale	4,970'	4,945'	5,253'
*Castle Peak	5,280'	5,263'	5,565'
*Uteland Butte	5,694'	5,677'	5,980'
*Wasatch	5,888'	5,868'	6,174'
CR-6 (base U Wasatch)	7,088'	7,068'	7,374'
TD	7,188'	7,168'	7,474'
Base of Moderate Saline Water	2,899'	2,633'	

*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.

C 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 3M 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 a 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.

Depth Intervals	BOP Equipment
0 – 350'	No Pressure Control
350' – 7474'	11" 3000# Ram Type BOP 11" 3000# Annular BOP

D,E Proposed Casing and Cementing Program

Purpose	Depth	Hole Size	Casing Size	Type	Connection	Weight
Surface	350'	12.25"	8-5/8"	J-55	ST&C	24#
Production	7474'	7.875"	5-1/2"	N-80	LT&C	17#

Surface	Fill	Type & Amount
0' – 350'	350'	Approximately 225 SX Premium Plus (Class G) + additives or a 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 sx Premium Type V + additives or similar slurry with a minimum weight of 11.0 #/gal and approximate yield of 3.82 cuft/sx
3500' – 7474'	Tail: +/- 470 sx 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.

F Drilling Fluids Program

Interval	Weight	Viscosity	Fluid Loss	Remarks
0' – 350'	8.4 – 9.5	27	NC	DAP Mud
350'-7474	8.4 – 9.5	27	NC	DAP Water

G 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

H 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 3541 psi* and maximum anticipated surface pressure equals approximately 1964**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 TD = A (bottom hole pressure)
**Maximum surface pressure = A – (0.22xTD)

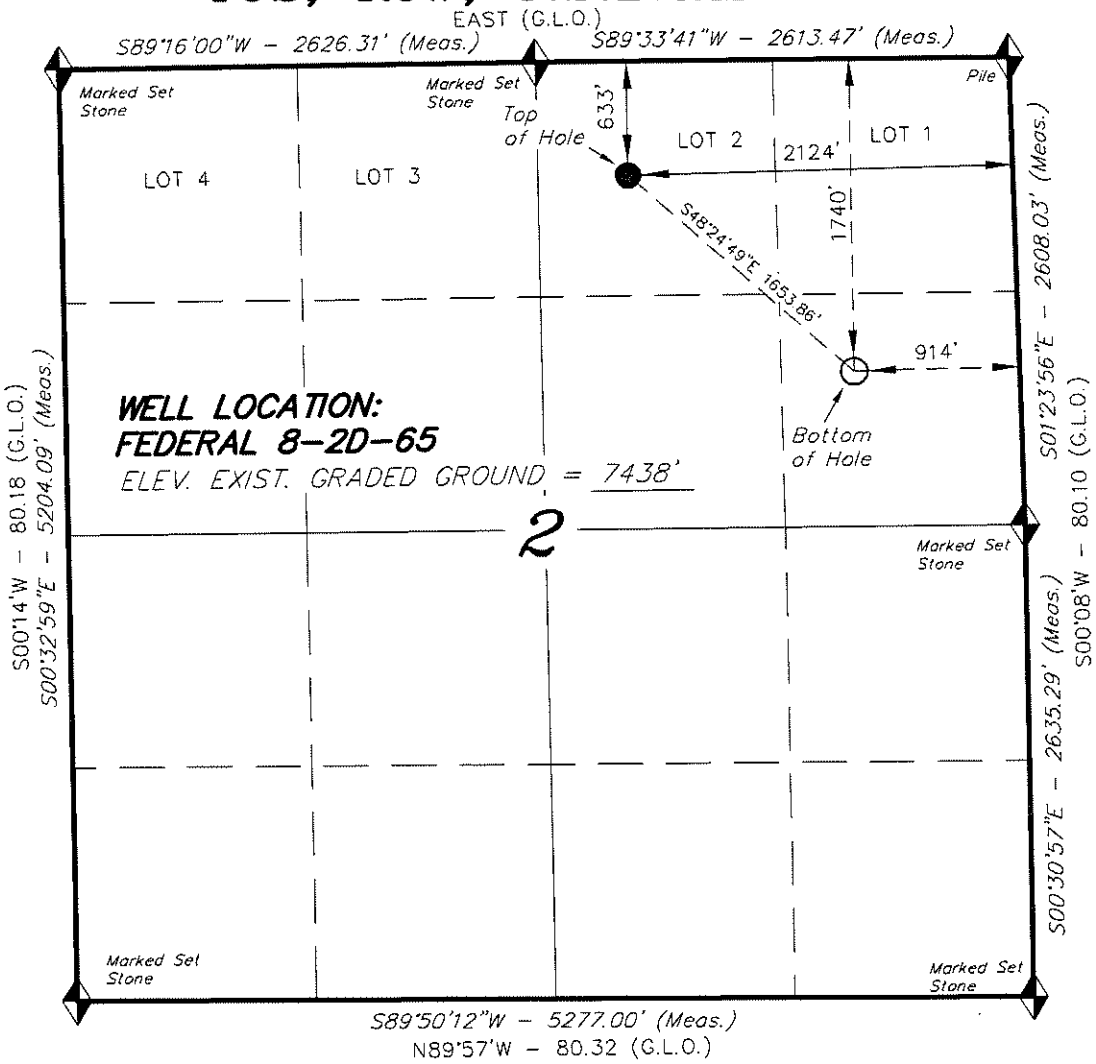
I Anticipated Starting Dates and Notification of Operations

Drilling Activity:

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

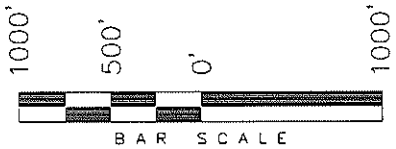
Sundry Number: 24105 API Well Number: 43013507190000

T6S, R5W, U.S.B.&M.



BERRY PETROLEUM COMPANY

WELL LOCATION, FEDERAL 8-2D-65, LOCATED AS SHOWN IN THE NW 1/4 NE 1/4 LOT 2 OF SECTION 2, T6S, R5W, U.S.B.&M. DUCHESNE COUNTY, UTAH.



Note:
1. Bearings are based on global positioning satellite observations.
2. Footages are measured at right angles to the section lines.

N

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 STATE OF UTAH

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

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are based on a bench mark located in the SW 1/4 of Section 9, T5S, R4W, U.S.B.&M. Elev. 6097'

NAD 83 (SURFACE LOCATION)		
LATITUDE =	39°59'39.42"	(39.994283)
LONGITUDE =	110°24'48.10"	(110.413361)
NAD 27 (SURFACE LOCATION)		
LATITUDE =	39°59'39.56"	(39.994321)
LONGITUDE =	110°24'45.55"	(110.412652)
NAD 83 (BOTTOM HOLE LOCATION)		
LATITUDE =	39°59'28.43"	(39.991231)
LONGITUDE =	110°24'32.38"	(110.408994)
NAD 27 (BOTTOM HOLE LOCATION)		
LATITUDE =	39°59'28.57"	(39.991268)
LONGITUDE =	110°24'29.83"	(110.408285)

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

DATE SURVEYED: 04-05-11	SURVEYED BY: S.H.
DATE DRAWN: 04-12-11	DRAWN BY: L.C.S.
REVISED:	SCALE: 1" = 1000'

Well Planning Proposal
FOR

Berry Petroleum Co.
Federal 8-2D-65
Duchesne Co., UT

Well File: Design #2 (3/9/12)

Presented By:

Pat Rasmussen
Regional Manager

Bret Wolford
Well Planner

Sharewell Energy Services, LP

Project: Duchesne Co., UT (UT27C)
Site: Sec.2-T6S-R5W
Well: Federal 8-2D-65
Wellbore: Wellbore #1
Design: Design #2
Latitude: 39° 59' 39.555 N
Longitude: 110° 24' 45.547 W
Ground Level: 7438.00
WELL @ 7452.00usft

Sharewell Energy Services, LP

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 Federal 8-2D-65, True North
Vertical (TVD) Reference: WELL @ 7452.00usft
Section (VS) Reference: Slot - (0.00N, 0.00E)
Measured Depth Reference: WELL @ 7452.00usft
Calculation Method: Minimum Curvature

WELL DETAILS: Federal 8-2D-65

Ground Level: 7438.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	606828.395	2304630.774	39° 59' 39.555 N	110° 24' 45.547 W	

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

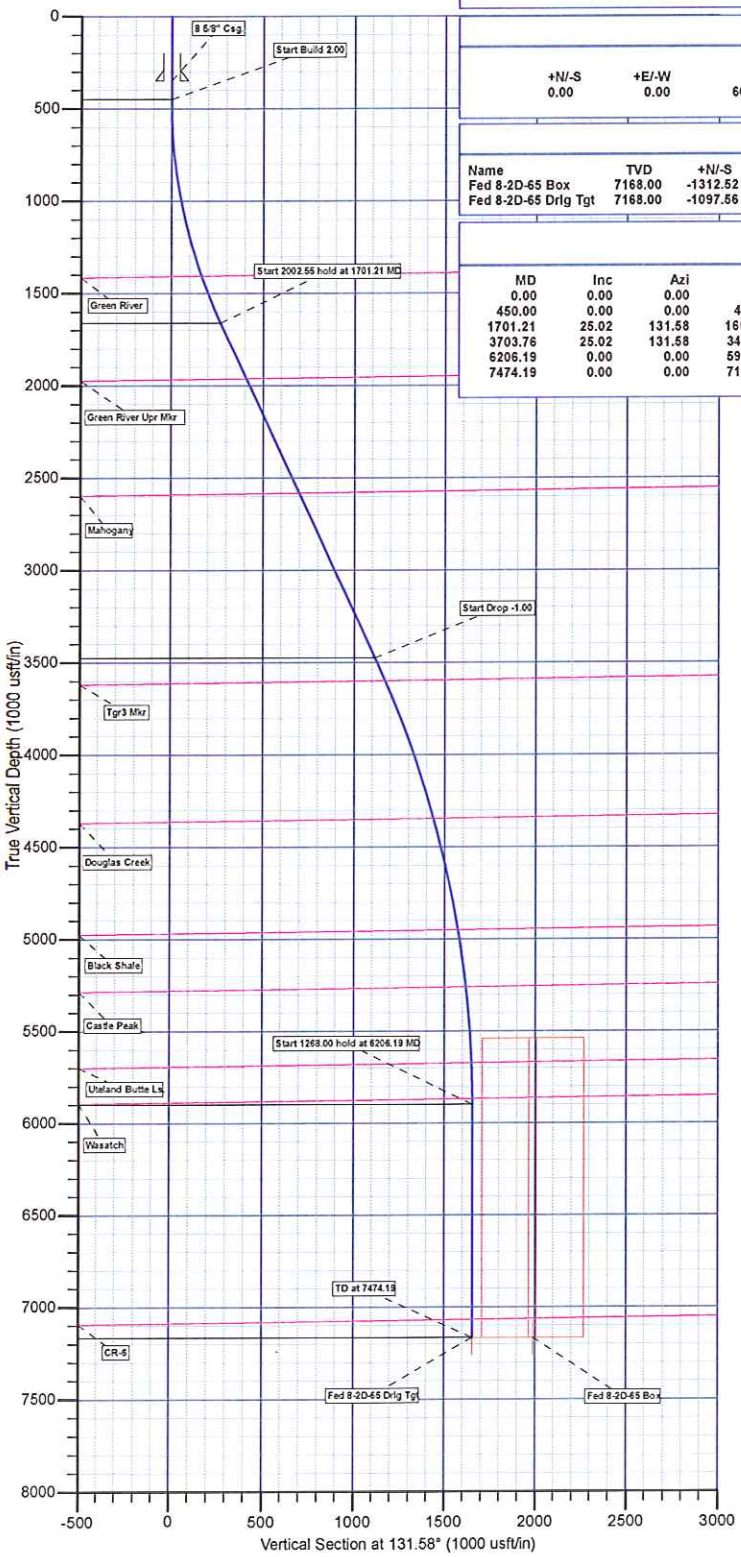
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
Fed 8-2D-65 Box	7168.00	-1312.52	1493.27	605534.124	2306139.890	39° 59' 26.583 N	110° 24' 26.360 W	Polygon
Fed 8-2D-65 Drlg Tgt	7168.00	-1097.56	1237.16	605745.955	2305881.185	39° 59' 28.707 N	110° 24' 29.651 W	Circle (Radius: 100.00)

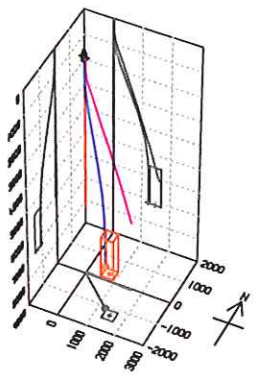
SECTION DETAILS

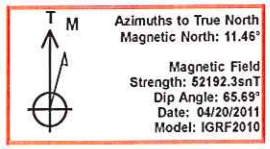
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
450.00	0.00	0.00	450.00	0.00	0.00	0.00	0.00	0.00	Start Build 2.00
1701.21	25.02	131.58	1661.81	-178.47	201.17	2.00	131.58	268.92	Start 2002.55 hold at 1701.21 MD
3703.76	25.02	131.58	3476.38	-740.63	834.83	0.00	0.00	1116.00	Start Drop -1.00
6206.19	0.00	0.00	5900.00	-1097.56	1237.16	1.00	180.00	1653.84	Start 1268.00 hold at 6206.19 MD
7474.19	0.00	0.00	7168.00	-1097.56	1237.16	0.00	0.00	1653.84	TD at 7474.19

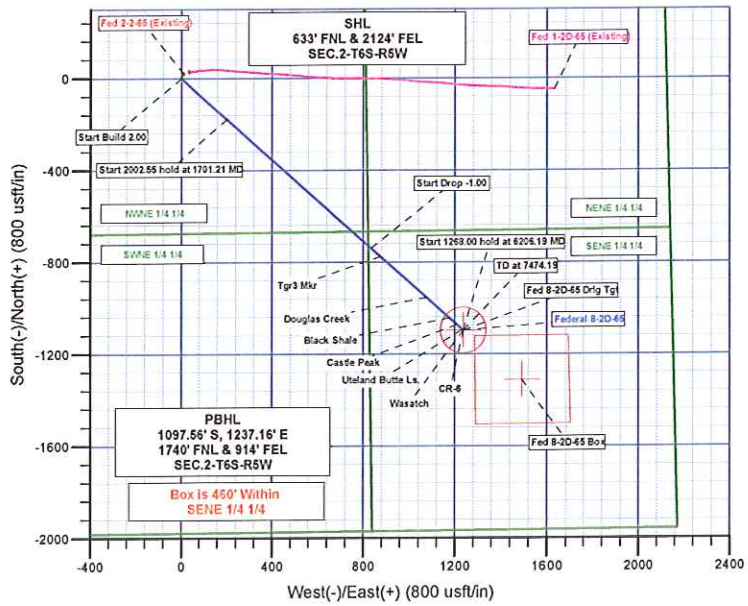
FORMATION TOP DETAILS

TVDPath	MDPath	Formation
1406.02	1424.72	Green River
1963.07	2033.68	Green River Upr Mkr
2582.58	2717.37	Mahogany
3598.89	3838.24	Tgr3 Mkr
4345.67	4632.13	Douglas Creek
4951.04	5252.83	Black Shale
5260.51	5565.36	Castle Peak
5674.14	5980.26	Uteland Butte Ls.
5868.08	6174.27	Wasatch
7068.08	7374.27	CR-6









Plan: Design #2 (Federal 8-2D-65/Wellbore #1)

Created By: Bret Wolford Date: 18:16, March 09 2012

Berry Petroleum Company

Duchesne Co., UT (UT27C)
Sec.2-T6S-R5W
Federal 8-2D-65

Wellbore #1

Plan: Design #2

Standard Planning Report

09 March, 2012

Sharewell
Energy Services, LP

Sharewell Energy Services, LP
Planning Report

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well Federal 8-2D-65
Company:	Berry Petroleum Company	**TVD Reference:**	WELL @ 7452.00usft
Project:	Duchesne Co., UT (UT27C)	**MD Reference:**	WELL @ 7452.00usft
Site:	Sec.2-T6S-R5W	**North Reference:**	True
Well:	Federal 8-2D-65	**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.2-T6S-R5W

Site Position:		**Northing:**	604,367.187 usft	**Latitude:**	39° 59' 15.227 N
From:	Lat/Long	**Easting:**	2,304,673.866 usft	**Longitude:**	110° 24' 45.378 W
Position Uncertainty:	0.00 usft	**Slot Radius:**	13-3/16"	**Grid Convergence:**	0.70 °

Well Federal 8-2D-65

Well Position	**+N/-S**	2,461.55 usft	**Northing:**	606,828.395 usft	**Latitude:**	39° 59' 39.555 N
	+E/-W	-13.17 usft	**Easting:**	2,304,630.774 usft	**Longitude:**	110° 24' 45.547 W
Position Uncertainty		0.00 usft	**Wellhead Elevation:**	usft	**Ground Level:**	7,438.00 usft

Wellbore Wellbore #1

Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2010	04/20/11	11.46	65.69	52,192

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	131.58

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	
450.00	0.00	0.00	450.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,701.21	25.02	131.58	1,661.81	-178.47	201.17	2.00	2.00	0.00	131.58	
3,703.76	25.02	131.58	3,476.38	-740.63	834.83	0.00	0.00	0.00	0.00	
6,206.19	0.00	0.00	5,900.00	-1,097.56	1,237.16	1.00	-1.00	0.00	180.00	
7,474.19	0.00	0.00	7,168.00	-1,097.56	1,237.16	0.00	0.00	0.00	0.00	

Sharewell Energy Services, LP

Planning Report

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well Federal 8-2D-65
Company:	Berry Petroleum Company	**TVD Reference:**	WELL @ 7452.00usft
Project:	Duchesne Co., UT (UT27C)	**MD Reference:**	WELL @ 7452.00usft
Site:	Sec.2-T6S-R5W	**North Reference:**	True
Well:	Federal 8-2D-65	**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
8 5/8" Csg.									
350.00	0.00	0.00	350.00	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
Start Build 2.00									
450.00	0.00	0.00	450.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	1.00	131.58	500.00	-0.29	0.33	0.44	2.00	2.00	0.00
600.00	3.00	131.58	599.93	-2.61	2.94	3.93	2.00	2.00	0.00
700.00	5.00	131.58	699.68	-7.23	8.15	10.90	2.00	2.00	0.00
800.00	7.00	131.58	799.13	-14.17	15.97	21.35	2.00	2.00	0.00
900.00	9.00	131.58	898.15	-23.41	26.38	35.27	2.00	2.00	0.00
1,000.00	11.00	131.58	996.63	-34.93	39.37	52.63	2.00	2.00	0.00
1,100.00	13.00	131.58	1,094.44	-48.73	54.93	73.42	2.00	2.00	0.00
1,200.00	15.00	131.58	1,191.46	-64.78	73.02	97.62	2.00	2.00	0.00
1,300.00	17.00	131.58	1,287.58	-83.07	93.64	125.18	2.00	2.00	0.00
1,400.00	19.00	131.58	1,382.68	-103.58	116.75	156.08	2.00	2.00	0.00
Green River									
1,424.72	19.49	131.58	1,406.02	-108.99	122.85	164.23	2.00	2.00	0.00
1,500.00	21.00	131.58	1,476.65	-126.28	142.34	190.28	2.00	2.00	0.00
1,600.00	23.00	131.58	1,569.36	-151.14	170.36	227.74	2.00	2.00	0.00
Start 2002.55 hold at 1701.21 MD									
1,701.21	25.02	131.58	1,661.81	-178.47	201.17	268.92	2.00	2.00	0.00
1,800.00	25.02	131.58	1,751.33	-206.20	232.43	310.71	0.00	0.00	0.00
1,900.00	25.02	131.58	1,841.94	-234.27	264.07	353.01	0.00	0.00	0.00
2,000.00	25.02	131.58	1,932.55	-262.34	295.71	395.31	0.00	0.00	0.00
Green River Upr Mkr									
2,033.68	25.02	131.58	1,963.07	-271.80	306.37	409.55	0.00	0.00	0.00
2,100.00	25.02	131.58	2,023.16	-290.42	327.35	437.61	0.00	0.00	0.00
2,200.00	25.02	131.58	2,113.78	-318.49	359.00	479.91	0.00	0.00	0.00
2,300.00	25.02	131.58	2,204.39	-346.56	390.64	522.21	0.00	0.00	0.00
2,400.00	25.02	131.58	2,295.00	-374.63	422.28	564.51	0.00	0.00	0.00
2,500.00	25.02	131.58	2,385.62	-402.70	453.92	606.81	0.00	0.00	0.00
2,600.00	25.02	131.58	2,476.23	-430.78	485.57	649.11	0.00	0.00	0.00
2,700.00	25.02	131.58	2,566.84	-458.85	517.21	691.41	0.00	0.00	0.00
Mahogany									
2,717.37	25.02	131.58	2,582.58	-463.73	522.71	698.76	0.00	0.00	0.00
2,800.00	25.02	131.58	2,657.45	-486.92	548.85	733.71	0.00	0.00	0.00
2,900.00	25.02	131.58	2,748.07	-514.99	580.50	776.01	0.00	0.00	0.00
3,000.00	25.02	131.58	2,838.68	-543.06	612.14	818.31	0.00	0.00	0.00
3,100.00	25.02	131.58	2,929.29	-571.14	643.78	860.61	0.00	0.00	0.00
3,200.00	25.02	131.58	3,019.91	-599.21	675.42	902.91	0.00	0.00	0.00
3,300.00	25.02	131.58	3,110.52	-627.28	707.07	945.21	0.00	0.00	0.00
3,400.00	25.02	131.58	3,201.13	-655.35	738.71	987.51	0.00	0.00	0.00
3,500.00	25.02	131.58	3,291.74	-683.43	770.35	1,029.81	0.00	0.00	0.00
3,600.00	25.02	131.58	3,382.36	-711.50	801.99	1,072.11	0.00	0.00	0.00
Start Drop -1.00									
3,703.76	25.02	131.58	3,476.38	-740.63	834.83	1,116.00	0.00	0.00	0.00
3,800.00	24.06	131.58	3,563.92	-767.15	864.73	1,155.98	1.00	-1.00	0.00
Tgr3 Mkr									
3,838.24	23.68	131.58	3,598.89	-777.42	876.31	1,171.45	1.00	-1.00	0.00

Sharewell Energy Services, LP
Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Federal 8-2D-65
Company:	Berry Petroleum Company	TVD Reference:	WELL @ 7452.00usft
Project:	Duchesne Co., UT (UT27C)	MD Reference:	WELL @ 7452.00usft
Site:	Sec.2-T6S-R5W	North Reference:	True
Well:	Federal 8-2D-65	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)
3,900.00	23.06	131.58	3,655.58	-793.68	894.63	1,195.95	1.00	-1.00	0.00
4,000.00	22.06	131.58	3,747.93	-819.14	923.33	1,234.32	1.00	-1.00	0.00
4,100.00	21.06	131.58	3,840.93	-843.53	950.82	1,271.07	1.00	-1.00	0.00
4,200.00	20.06	131.58	3,934.56	-866.84	977.10	1,306.19	1.00	-1.00	0.00
4,300.00	19.06	131.58	4,028.78	-889.06	1,002.14	1,339.67	1.00	-1.00	0.00
4,400.00	18.06	131.58	4,123.58	-910.19	1,025.96	1,371.50	1.00	-1.00	0.00
4,500.00	17.06	131.58	4,218.92	-930.21	1,048.53	1,401.68	1.00	-1.00	0.00
4,600.00	16.06	131.58	4,314.77	-949.13	1,069.85	1,430.18	1.00	-1.00	0.00
Douglas Creek									
4,632.13	15.74	131.58	4,345.67	-954.97	1,076.43	1,438.99	1.00	-1.00	0.00
4,700.00	15.06	131.58	4,411.10	-966.93	1,089.92	1,457.01	1.00	-1.00	0.00
4,800.00	14.06	131.58	4,507.89	-983.62	1,108.73	1,482.15	1.00	-1.00	0.00
4,900.00	13.06	131.58	4,605.10	-999.18	1,126.27	1,505.60	1.00	-1.00	0.00
5,000.00	12.06	131.58	4,702.70	-1,013.61	1,142.54	1,527.35	1.00	-1.00	0.00
5,100.00	11.06	131.58	4,800.67	-1,026.91	1,157.53	1,547.39	1.00	-1.00	0.00
5,200.00	10.06	131.58	4,898.98	-1,039.08	1,171.24	1,565.72	1.00	-1.00	0.00
Black Shale									
5,252.83	9.53	131.58	4,951.04	-1,045.04	1,177.96	1,574.71	1.00	-1.00	0.00
5,300.00	9.06	131.58	4,997.59	-1,050.10	1,183.67	1,582.33	1.00	-1.00	0.00
5,400.00	8.06	131.58	5,096.47	-1,059.98	1,194.80	1,597.22	1.00	-1.00	0.00
5,500.00	7.06	131.58	5,195.60	-1,068.72	1,204.65	1,610.38	1.00	-1.00	0.00
Castle Peak									
5,565.36	6.41	131.58	5,260.51	-1,073.80	1,210.38	1,618.05	1.00	-1.00	0.00
5,600.00	6.06	131.58	5,294.94	-1,076.30	1,213.19	1,621.81	1.00	-1.00	0.00
5,700.00	5.06	131.58	5,394.47	-1,082.73	1,220.44	1,631.50	1.00	-1.00	0.00
5,800.00	4.06	131.58	5,494.15	-1,088.01	1,226.39	1,639.45	1.00	-1.00	0.00
5,900.00	3.06	131.58	5,593.96	-1,092.13	1,231.04	1,645.67	1.00	-1.00	0.00
Uteland Butte Ls.									
5,980.26	2.26	131.58	5,674.14	-1,094.60	1,233.83	1,649.39	1.00	-1.00	0.00
6,000.00	2.06	131.58	5,693.86	-1,095.10	1,234.39	1,650.14	1.00	-1.00	0.00
6,100.00	1.06	131.58	5,793.82	-1,096.91	1,236.42	1,652.86	1.00	-1.00	0.00
Wasatch									
6,174.27	0.32	131.58	5,868.08	-1,097.50	1,237.09	1,653.76	1.00	-1.00	0.00
Start 1268.00 hold at 6206.19 MD									
6,206.19	0.00	0.00	5,900.00	-1,097.56	1,237.16	1,653.84	1.00	-1.00	0.00
6,300.00	0.00	0.00	5,993.81	-1,097.56	1,237.16	1,653.84	0.00	0.00	0.00
6,400.00	0.00	0.00	6,093.81	-1,097.56	1,237.16	1,653.84	0.00	0.00	0.00
6,500.00	0.00	0.00	6,193.81	-1,097.56	1,237.16	1,653.84	0.00	0.00	0.00
6,600.00	0.00	0.00	6,293.81	-1,097.56	1,237.16	1,653.84	0.00	0.00	0.00
6,700.00	0.00	0.00	6,393.81	-1,097.56	1,237.16	1,653.84	0.00	0.00	0.00
6,800.00	0.00	0.00	6,493.81	-1,097.56	1,237.16	1,653.84	0.00	0.00	0.00
6,900.00	0.00	0.00	6,593.81	-1,097.56	1,237.16	1,653.84	0.00	0.00	0.00
7,000.00	0.00	0.00	6,693.81	-1,097.56	1,237.16	1,653.84	0.00	0.00	0.00
7,100.00	0.00	0.00	6,793.81	-1,097.56	1,237.16	1,653.84	0.00	0.00	0.00
7,200.00	0.00	0.00	6,893.81	-1,097.56	1,237.16	1,653.84	0.00	0.00	0.00
7,300.00	0.00	0.00	6,993.81	-1,097.56	1,237.16	1,653.84	0.00	0.00	0.00
CR-6									
7,374.27	0.00	0.00	7,068.08	-1,097.56	1,237.16	1,653.84	0.00	0.00	0.00
7,400.00	0.00	0.00	7,093.81	-1,097.56	1,237.16	1,653.84	0.00	0.00	0.00
TD at 7474.19 - Fed 8-2D-65 Drlg Tgt - Fed 8-2D-65 Box									
7,474.19	0.00	0.00	7,168.00	-1,097.56	1,237.16	1,653.84	0.00	0.00	0.00

Sharewell Energy Services, LP
Planning Report

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well Federal 8-2D-65
Company:	Berry Petroleum Company	**TVD Reference:**	WELL @ 7452.00usft
Project:	Duchesne Co., UT (UT27C)	**MD Reference:**	WELL @ 7452.00usft
Site:	Sec.2-T6S-R5W	**North Reference:**	True
Well:	Federal 8-2D-65	**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
Fed 8-2D-65 Drlg Tgt	0.00	0.00	7,168.00	-1,097.56	1,237.16	605,745.955	2,305,881.185	39° 59' 28.707 N	110° 24' 29.651 W
- plan hits target center									
- Circle (radius 100.00)									
Fed 8-2D-65 Box	0.00	0.00	7,168.00	-1,312.52	1,493.27	605,534.124	2,306,139.890	39° 59' 26.583 N	110° 24' 26.360 W
- plan misses target center by 334.37usft at 7474.19usft MD (7168.00 TVD, -1097.56 N, 1237.16 E)									
- Polygon									
Point 1			7,168.00	189.77	-205.96	605,721.38	2,305,931.64		
Point 2			7,168.00	193.69	198.54	605,730.21	2,306,336.06		
Point 3			7,168.00	-189.86	207.91	605,346.81	2,306,350.09		
Point 4			7,168.00	-193.60	-200.48	605,338.10	2,305,941.78		
Point 5			7,168.00	189.77	-205.96	605,721.38	2,305,931.64		

Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
350.00	350.00	8 5/8" Csg.	8-5/8	11

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,424.72	1,408.00	Green River		-0.69	131.58
2,033.68	1,968.00	Green River Upr Mkr		-0.69	131.58
2,717.37	2,591.00	Mahogany		-0.69	131.58
3,838.24	3,613.00	Tgr3 Mkr		-0.69	131.58
4,632.13	4,363.00	Douglas Creek		-0.69	131.58
5,252.83	4,970.00	Black Shale		-0.69	131.58
5,565.36	5,280.00	Castle Peak		-0.69	131.58
5,980.26	5,694.00	Uteland Butte Ls.		-0.69	131.58
6,174.27	5,888.00	Wasatch		-0.69	131.58
7,374.27	7,088.00	CR-6		-0.69	131.58

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
450.00	450.00	0.00	0.00	Start Build 2.00
1,701.21	1,661.81	-178.47	201.17	Start 2002.55 hold at 1701.21 MD
3,703.76	3,476.38	-740.63	834.83	Start Drop -1.00
6,206.19	5,900.00	-1,097.56	1,237.16	Start 1268.00 hold at 6206.19 MD
7,474.19	7,168.00	-1,097.56	1,237.16	TD at 7474.19

Berry Petroleum Company

Duchesne Co., UT (UT27C)
Sec.2-T6S-R5W
Federal 8-2D-65

Wellbore #1
Design #2

Anticollision Report

09 March, 2012

Sharewell
Energy Services, LP

Sharewell Energy Services, LP

Anticollision Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well Federal 8-2D-65
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 7452.00usft
Reference Site:	Sec.2-T6S-R5W	**MD Reference:**	WELL @ 7452.00usft
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	Federal 8-2D-65	**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 Single User Db
Reference Design:	Design #2	**Offset TVD Reference:**	Reference 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** 03/09/12

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.00	7,474.19	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.2-T6S-R5W						
Fed 1-2D-65 (Existing) - Wellbore #1 - Wellbore #1	443.74	435.75	42.10	40.71	30.259	CC
Fed 1-2D-65 (Existing) - Wellbore #1 - Wellbore #1	450.00	441.95	42.10	40.68	29.698	ES
Fed 1-2D-65 (Existing) - Wellbore #1 - Wellbore #1	6,400.00	6,220.42	1,118.83	1,055.49	17.664	SF
Fed 2-2-65 (Existing) - Wellbore #1 - Wellbore #1	450.00	450.00	22.21	20.82	16.002	CC
Fed 2-2-65 (Existing) - Wellbore #1 - Wellbore #1	500.00	500.00	22.33	20.79	14.458	ES
Fed 2-2-65 (Existing) - Wellbore #1 - Wellbore #1	700.00	699.68	27.34	25.17	12.608	SF

Offset Design Sec.2-T6S-R5W - Fed 1-2D-65 (Existing) - Wellbore #1 - Wellbore #1

Offset Site Error: 0.00 usft
Offset Well Error: 0.00 usft

Survey Program: 383-MWD

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)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	8.00	0.00	0.00	52.35	27.27	35.34	45.35				
100.00	100.00	92.13	100.13	0.10	0.10	52.30	27.22	35.21	44.51	44.31	0.20	225.986	
200.00	200.00	192.26	200.26	0.32	0.21	52.12	27.06	34.79	44.07	43.54	0.53	83.043	
300.00	300.00	292.39	300.39	0.55	0.32	51.82	26.79	34.06	43.33	42.47	0.86	50.128	
400.00	400.00	392.41	400.40	0.77	0.44	51.38	26.40	33.05	42.31	41.10	1.21	35.062	
443.74	443.74	435.75	443.74	0.87	0.52	51.53	26.19	32.96	42.10	40.71	1.39	30.259	CC
450.00	450.00	441.95	449.94	0.88	0.54	51.59	26.15	32.99	42.10	40.68	1.42	29.698	ES
500.00	500.00	491.00	498.98	0.98	0.63	51.87	26.03	33.86	42.64	41.03	1.61	26.474	
600.00	599.93	588.96	596.79	1.18	0.84	50.71	26.85	38.94	46.62	44.61	2.01	23.223	
700.00	699.68	686.16	693.46	1.39	1.07	48.41	28.80	48.76	54.64	52.19	2.45	22.309	
800.00	799.13	783.06	789.17	1.63	1.35	46.02	31.75	63.56	66.87	63.92	2.95	22.654	
900.00	898.15	879.57	883.69	1.91	1.70	44.27	34.47	82.80	82.10	78.59	3.52	23.330	
1,000.00	996.63	975.29	976.37	2.25	2.14	43.29	36.46	106.64	100.16	95.97	4.19	23.926	
1,100.00	1,094.44	1,071.64	1,068.68	2.63	2.66	42.46	37.92	134.22	120.25	115.29	4.96	24.260	
1,200.00	1,191.46	1,169.91	1,162.30	3.08	3.23	41.43	38.36	164.06	140.63	134.79	5.84	24.086	
1,300.00	1,287.58	1,270.84	1,258.03	3.60	3.82	40.69	35.90	195.94	159.66	152.83	6.83	23.372	
1,400.00	1,382.68	1,369.68	1,351.85	4.18	4.38	38.99	32.36	226.81	177.60	169.69	7.91	22.441	
1,500.00	1,476.65	1,465.91	1,443.27	4.84	4.94	36.31	29.39	256.72	196.03	186.93	9.10	21.535	
1,600.00	1,569.36	1,562.49	1,534.85	5.56	5.55	33.29	26.95	287.31	215.83	205.42	10.41	20.739	
1,701.21	1,661.81	1,661.61	1,628.81	6.38	6.15	30.13	24.12	318.73	236.54	224.73	11.81	20.024	
1,800.00	1,751.33	1,756.55	1,718.97	7.22	6.71	26.97	21.68	348.39	257.73	244.53	13.20	19.529	

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

Sharewell Energy Services, LP

Anticollision Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well Federal 8-2D-65
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 7452.00usft
Reference Site:	Sec.2-T6S-R5W	**MD Reference:**	WELL @ 7452.00usft
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	Federal 8-2D-65	**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 Single User Db
Reference Design:	Design #2	**Offset TVD Reference:**	Reference Datum

Offset Design Sec.2-T6S-R5W - Fed 1-2D-65 (Existing) - Wellbore #1 - Wellbore #1

Survey Program: 383-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)	Azimuth from North (°)	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
1,900.00	1,841.94	1,851.79	1,809.72	8.08	7.26	23.98	20.20	377.23	280.36	265.79	14.56	19.250	
2,000.00	1,932.55	1,950.11	1,903.68	8.94	7.81	21.44	18.89	406.13	303.51	287.59	15.92	19.066	
2,100.00	2,023.16	2,044.95	1,994.56	9.82	8.35	18.96	17.84	433.26	327.19	309.96	17.23	18.986	
2,200.00	2,113.78	2,146.91	2,091.82	10.70	8.96	17.41	15.67	463.78	350.89	332.29	18.61	18.857	
2,300.00	2,204.39	2,245.69	2,185.61	11.58	9.58	16.17	11.78	494.52	373.56	353.57	19.99	18.683	
2,400.00	2,295.00	2,338.13	2,273.46	12.47	10.15	14.74	8.48	523.10	396.74	375.42	21.32	18.610	
2,500.00	2,385.62	2,436.16	2,367.05	13.35	10.72	13.50	6.54	552.17	421.28	398.67	22.62	18.627	
2,600.00	2,476.23	2,532.13	2,459.08	14.24	11.26	12.16	4.09	579.28	445.18	421.31	23.87	18.651	
2,700.00	2,566.84	2,622.46	2,545.19	15.13	11.80	10.96	2.17	606.51	470.09	444.95	25.13	18.703	
2,800.00	2,657.45	2,719.28	2,637.26	16.03	12.39	10.18	0.70	636.39	495.83	469.39	26.44	18.756	
2,900.00	2,748.07	2,814.38	2,727.90	16.92	12.96	9.35	-0.60	665.16	521.71	494.00	27.71	18.831	
3,000.00	2,838.68	2,905.61	2,814.79	17.81	13.51	8.49	-1.38	692.96	548.20	519.24	28.96	18.929	
3,100.00	2,929.29	2,993.90	2,898.94	18.71	14.04	7.58	-1.10	719.67	575.87	545.67	30.19	19.074	
3,200.00	3,019.91	3,097.87	2,997.70	19.60	14.69	7.31	-0.77	752.15	603.74	572.22	31.53	19.151	
3,300.00	3,110.52	3,193.51	3,088.22	20.50	15.30	6.92	-1.36	783.01	630.91	598.06	32.85	19.208	
3,400.00	3,201.13	3,288.79	3,178.63	21.40	15.89	6.50	-1.87	813.11	658.09	623.95	34.14	19.277	
3,500.00	3,291.74	3,389.61	3,274.72	22.29	16.50	6.14	-2.03	843.60	685.53	650.11	35.42	19.355	
3,600.00	3,382.36	3,486.70	3,367.37	23.19	17.08	5.69	-2.77	872.62	712.40	675.73	36.67	19.426	
3,703.76	3,476.38	3,589.36	3,465.39	24.12	17.68	5.30	-3.97	903.13	739.90	701.93	37.97	19.484	
3,800.00	3,563.92	3,692.42	3,564.07	24.89	18.27	5.11	-5.83	932.75	764.35	725.22	39.13	19.534	
3,900.00	3,655.58	3,790.42	3,658.12	25.57	18.82	4.77	-8.43	960.22	787.99	747.79	40.20	19.600	
4,000.00	3,747.93	3,884.06	3,747.77	26.23	19.36	4.51	-10.83	987.12	810.83	769.55	41.28	19.644	
4,100.00	3,840.93	3,985.47	3,844.72	26.86	19.95	4.54	-13.44	1,016.76	832.71	790.30	42.41	19.635	
4,200.00	3,934.56	4,079.00	3,934.37	27.48	20.48	4.45	-15.80	1,043.32	853.61	810.14	43.47	19.636	
4,300.00	4,028.78	4,173.73	4,025.35	28.07	21.01	4.43	-17.68	1,069.66	874.00	829.49	44.52	19.632	
4,400.00	4,123.58	4,266.19	4,114.21	28.63	21.52	4.44	-19.03	1,095.13	893.89	848.34	45.54	19.628	
4,500.00	4,218.92	4,368.62	4,212.60	29.17	22.09	4.72	-20.17	1,123.60	913.15	866.53	46.62	19.585	
4,600.00	4,314.77	4,483.81	4,323.12	29.68	22.74	5.31	-23.22	1,155.94	929.94	882.14	47.79	19.457	
4,700.00	4,411.10	4,573.89	4,409.61	30.16	23.24	5.53	-26.26	1,180.91	945.06	896.26	48.80	19.367	
4,800.00	4,507.89	4,665.43	4,497.51	30.62	23.75	5.84	-28.05	1,206.40	960.60	910.80	49.80	19.288	
4,900.00	4,605.10	4,768.31	4,596.15	31.05	24.33	6.43	-30.34	1,235.53	975.03	924.14	50.89	19.160	
5,000.00	4,702.70	4,870.00	4,693.49	31.45	24.92	7.11	-32.72	1,264.85	988.53	936.56	51.97	19.021	
5,100.00	4,800.67	4,963.00	4,782.91	31.82	25.43	7.63	-35.17	1,290.30	1,000.75	947.80	52.94	18.902	
5,200.00	4,898.98	5,050.05	4,866.53	32.17	25.92	8.13	-36.47	1,314.47	1,013.30	959.44	53.87	18.811	
5,300.00	4,997.59	5,139.26	4,952.11	32.49	26.42	8.75	-36.93	1,339.65	1,026.12	971.32	54.80	18.726	
5,400.00	5,096.47	5,245.58	5,054.35	32.78	27.00	9.65	-37.17	1,368.80	1,038.37	982.57	55.80	18.609	
5,500.00	5,195.60	5,349.88	5,155.33	33.04	27.53	10.45	-37.71	1,394.89	1,049.19	992.48	56.71	18.502	
5,600.00	5,294.94	5,461.16	5,263.71	33.28	28.04	11.28	-39.13	1,420.09	1,058.07	1,000.50	57.57	18.380	
5,700.00	5,394.47	5,570.76	5,370.78	33.49	28.52	12.08	-41.34	1,443.34	1,065.24	1,006.87	58.37	18.251	
5,800.00	5,494.15	5,656.00	5,453.75	33.68	28.91	12.75	-43.23	1,462.81	1,071.95	1,012.90	59.05	18.154	
5,900.00	5,593.96	5,749.73	5,544.63	33.84	29.37	13.66	-44.67	1,485.67	1,079.10	1,019.31	59.79	18.048	
6,000.00	5,693.86	5,840.51	5,632.22	33.98	29.85	14.70	-46.18	1,509.49	1,086.15	1,025.62	60.53	17.944	
6,100.00	5,793.82	5,931.03	5,719.36	34.09	30.34	15.83	-47.24	1,533.98	1,093.56	1,032.31	61.25	17.854	
6,206.19	5,900.00	6,019.46	5,804.63	34.18	30.81	16.96	-47.32	1,557.41	1,102.11	1,040.20	61.91	17.801	
6,300.00	5,993.81	6,117.17	5,898.51	34.25	31.35	18.30	-47.19	1,584.48	1,110.40	1,047.78	62.62	17.732	
6,400.00	6,093.81	6,220.42	5,997.72	34.33	31.92	19.71	-48.17	1,613.08	1,118.83	1,055.49	63.34	17.664 SF	
6,500.00	6,193.81	6,290.00	6,064.70	34.40	32.30	20.63	-48.80	1,631.92	1,128.01	1,064.18	63.83	17.673	
6,600.00	6,293.81	6,290.00	6,064.70	34.48	32.30	20.63	-48.80	1,631.92	1,143.78	1,079.87	63.91	17.896	
6,700.00	6,393.81	6,290.00	6,064.70	34.57	32.30	20.63	-48.80	1,631.92	1,167.93	1,103.93	64.00	18.249	
6,800.00	6,493.81	6,290.00	6,064.70	34.65	32.30	20.63	-48.80	1,631.92	1,199.95	1,135.87	64.09	18.724	
6,900.00	6,593.81	6,290.00	6,064.70	34.73	32.30	20.63	-48.80	1,631.92	1,239.24	1,175.06	64.17	19.311	
7,000.00	6,693.81	6,290.00	6,064.70	34.82	32.30	20.63	-48.80	1,631.92	1,285.12	1,220.86	64.26	19.998	

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

Sharewell Energy Services, LP

Anticollision Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well Federal 8-2D-65
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 7452.00usft
Reference Site:	Sec.2-T6S-R5W	**MD Reference:**	WELL @ 7452.00usft
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	Federal 8-2D-65	**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 Single User Db
Reference Design:	Design #2	**Offset TVD Reference:**	Reference Datum

Offset Design Sec.2-T6S-R5W - Fed 1-2D-65 (Existing) - Wellbore #1 - Wellbore #1

Offset Site Error: 0.00 usft

Offset Well Error: 0.00 usft

Survey Program: 383-MWD

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)	Azimuth from North (°)	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
7,100.00	6,793.81	6,290.00	6,064.70	34.90	32.30	20.63	-48.80	1,631.92	1,336.92	1,272.57	64.35	20.774	
7,200.00	6,893.81	6,290.00	6,064.70	34.99	32.30	20.63	-48.80	1,631.92	1,393.98	1,329.53	64.45	21.630	
7,300.00	6,993.81	6,290.00	6,064.70	35.08	32.30	20.63	-48.80	1,631.92	1,455.68	1,391.14	64.54	22.555	
7,400.00	7,093.81	6,290.00	6,064.70	35.17	32.30	20.63	-48.80	1,631.92	1,521.46	1,456.82	64.63	23.539	
7,474.19	7,168.00	6,290.00	6,064.70	35.23	32.30	20.63	-48.80	1,631.92	1,572.58	1,507.88	64.71	24.304	

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

Sharewell Energy Services, LP

Anticollision Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well Federal 8-2D-65
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 7452.00usft
Reference Site:	Sec.2-T6S-R5W	**MD Reference:**	WELL @ 7452.00usft
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	Federal 8-2D-65	**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 Single User Db
Reference Design:	Design #2	**Offset TVD Reference:**	Reference Datum

Offset Design Sec.2-T6S-R5W - Fed 2-2-65 (Existing) - Wellbore #1 - Wellbore #1

Offset Site Error: 0.00 usft

Survey Program: 6050-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)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	25.36	20.07	9.51	22.21				
100.00	100.00	100.00	100.00	0.10	0.11	25.36	20.07	9.51	22.21	22.00	0.21	106.380	
200.00	200.00	200.00	200.00	0.32	0.22	25.36	20.07	9.51	22.21	21.66	0.55	40.701	
300.00	300.00	300.00	300.00	0.55	0.34	25.36	20.07	9.51	22.21	21.33	0.88	25.165	
400.00	400.00	400.00	400.00	0.77	0.45	25.36	20.07	9.51	22.21	20.99	1.22	18.213	
450.00	450.00	450.00	450.00	0.88	0.50	25.36	20.07	9.51	22.21	20.82	1.39	16.002	CC
500.00	500.00	500.00	500.00	0.98	0.56	24.28	20.07	9.51	22.33	20.79	1.54	14.458	ES
600.00	599.93	599.93	599.93	1.18	0.67	16.17	20.07	9.51	23.61	21.76	1.85	12.775	
700.00	699.68	699.68	699.68	1.39	0.78	2.84	20.07	9.51	27.34	25.17	2.17	12.608	SF
800.00	799.13	799.13	799.13	1.63	0.90	-10.69	20.07	9.51	34.85	32.35	2.50	13.954	
900.00	898.15	898.15	898.15	1.91	1.01	-21.21	20.07	9.51	46.64	43.81	2.83	16.492	
1,000.00	996.63	996.63	996.63	2.25	1.12	-28.50	20.07	9.51	62.58	59.42	3.16	19.800	
1,100.00	1,094.44	1,094.44	1,094.44	2.63	1.23	-33.43	20.07	9.51	82.44	78.94	3.50	23.564	
1,200.00	1,191.46	1,191.46	1,191.46	3.08	1.34	-36.81	20.07	9.51	105.99	102.14	3.84	27.582	
1,300.00	1,287.58	1,287.58	1,287.58	3.60	1.44	-39.20	20.07	9.51	133.10	128.91	4.19	31.729	
1,400.00	1,382.68	1,382.68	1,382.68	4.18	1.55	-40.94	20.07	9.51	163.68	159.12	4.56	35.923	
1,500.00	1,476.65	1,476.65	1,476.65	4.84	1.66	-42.23	20.07	9.51	197.64	192.71	4.93	40.110	
1,600.00	1,569.36	1,569.36	1,569.36	5.56	1.76	-43.21	20.07	9.51	234.91	229.60	5.31	44.252	
1,701.21	1,661.81	1,661.81	1,661.81	6.38	1.86	-43.99	20.07	9.51	275.95	270.25	5.71	48.369	
1,800.00	1,751.33	1,751.33	1,751.33	7.22	1.96	-44.57	20.07	9.51	317.63	311.50	6.13	51.782	
1,900.00	1,841.94	1,841.94	1,841.94	8.08	2.07	-45.02	20.07	9.51	359.85	353.27	6.57	54.733	
2,000.00	1,932.55	1,932.55	1,932.55	8.94	2.17	-45.38	20.07	9.51	402.08	395.06	7.02	57.276	
2,100.00	2,023.16	2,023.16	2,023.16	9.82	2.27	-45.67	20.07	9.51	444.33	436.86	7.47	59.484	
2,200.00	2,113.78	2,113.78	2,113.78	10.70	2.37	-45.91	20.07	9.51	486.58	478.66	7.92	61.417	
2,300.00	2,204.39	2,204.39	2,204.39	11.58	2.47	-46.11	20.07	9.51	528.84	520.47	8.38	63.122	
2,400.00	2,295.00	2,295.00	2,295.00	12.47	2.57	-46.28	20.07	9.51	571.11	562.28	8.84	64.635	
2,500.00	2,385.62	2,385.62	2,385.62	13.35	2.67	-46.43	20.07	9.51	613.39	604.09	9.30	65.986	
2,600.00	2,476.23	2,476.23	2,476.23	14.24	2.78	-46.56	20.07	9.51	655.66	645.90	9.76	67.200	
2,700.00	2,566.84	2,566.84	2,566.84	15.13	2.88	-46.67	20.07	9.51	697.94	687.72	10.22	68.294	
2,800.00	2,657.45	2,657.45	2,657.45	16.03	2.98	-46.77	20.07	9.51	740.22	729.54	10.68	69.287	
2,900.00	2,748.07	2,748.07	2,748.07	16.92	3.08	-46.86	20.07	9.51	782.51	771.36	11.15	70.191	
3,000.00	2,838.68	2,838.68	2,838.68	17.81	3.18	-46.94	20.07	9.51	824.79	813.18	11.61	71.017	
3,100.00	2,929.29	2,929.29	2,929.29	18.71	3.28	-47.01	20.07	9.51	867.08	855.00	12.08	71.775	
3,200.00	3,019.91	3,019.91	3,019.91	19.60	3.39	-47.08	20.07	9.51	909.37	896.82	12.55	72.473	
3,300.00	3,110.52	3,110.52	3,110.52	20.50	3.49	-47.14	20.07	9.51	951.65	938.64	13.02	73.117	
3,400.00	3,201.13	3,201.13	3,201.13	21.40	3.59	-47.19	20.07	9.51	993.94	980.46	13.48	73.714	
3,500.00	3,291.74	3,291.74	3,291.74	22.29	3.69	-47.24	20.07	9.51	1,036.24	1,022.28	13.95	74.268	
3,600.00	3,382.36	3,382.36	3,382.36	23.19	3.79	-47.29	20.07	9.51	1,078.53	1,064.11	14.42	74.784	
3,703.76	3,476.38	3,476.38	3,476.38	24.12	3.90	-47.33	20.07	9.51	1,122.41	1,107.50	14.91	75.283	
3,800.00	3,563.92	3,563.92	3,563.92	24.89	4.00	-47.37	20.07	9.51	1,162.38	1,147.02	15.36	75.673	
3,900.00	3,655.58	3,655.58	3,655.58	25.57	4.10	-47.41	20.07	9.51	1,202.34	1,186.54	15.81	76.067	
4,000.00	3,747.93	3,747.93	3,747.93	26.23	4.20	-47.44	20.07	9.51	1,240.71	1,224.46	16.24	76.383	
4,100.00	3,840.93	3,840.93	3,840.93	26.86	4.31	-47.47	20.07	9.51	1,277.45	1,260.78	16.67	76.630	
4,200.00	3,934.56	3,934.56	3,934.56	27.48	4.41	-47.49	20.07	9.51	1,312.57	1,295.48	17.09	76.814	
4,300.00	4,028.78	4,028.78	4,028.78	28.07	4.52	-47.51	20.07	9.51	1,346.05	1,328.55	17.49	76.940	
4,400.00	4,123.58	4,123.58	4,123.58	28.63	4.62	-47.54	20.07	9.51	1,377.87	1,359.98	17.89	77.015	
4,500.00	4,218.92	4,218.92	4,218.92	29.17	4.73	-47.55	20.07	9.51	1,408.04	1,389.77	18.28	77.041	
4,600.00	4,314.77	4,314.77	4,314.77	29.68	4.84	-47.57	20.07	9.51	1,436.55	1,417.89	18.65	77.024	
4,700.00	4,411.10	4,411.10	4,411.10	30.16	4.95	-47.59	20.07	9.51	1,463.37	1,444.36	19.01	76.965	
4,800.00	4,507.89	4,507.89	4,507.89	30.62	5.05	-47.60	20.07	9.51	1,488.51	1,469.14	19.36	76.867	
4,900.00	4,605.10	4,605.10	4,605.10	31.05	5.16	-47.61	20.07	9.51	1,511.96	1,492.25	19.70	76.733	
5,000.00	4,702.70	4,702.70	4,702.70	31.45	5.27	-47.63	20.07	9.51	1,533.70	1,513.67	20.03	76.564	

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

Sharewell Energy Services, LP

Anticollision Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well Federal 8-2D-65
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 7452.00usft
Reference Site:	Sec.2-T6S-R5W	**MD Reference:**	WELL @ 7452.00usft
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	Federal 8-2D-65	**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 Single User Db
Reference Design:	Design #2	**Offset TVD Reference:**	Reference Datum

Offset Design Sec.2-T6S-R5W - Fed 2-2-65 (Existing) - Wellbore #1 - Wellbore #1

Offset Site Error: 0.00 usft

Offset Well Error: 0.00 usft

Survey Program: 6050-MWD

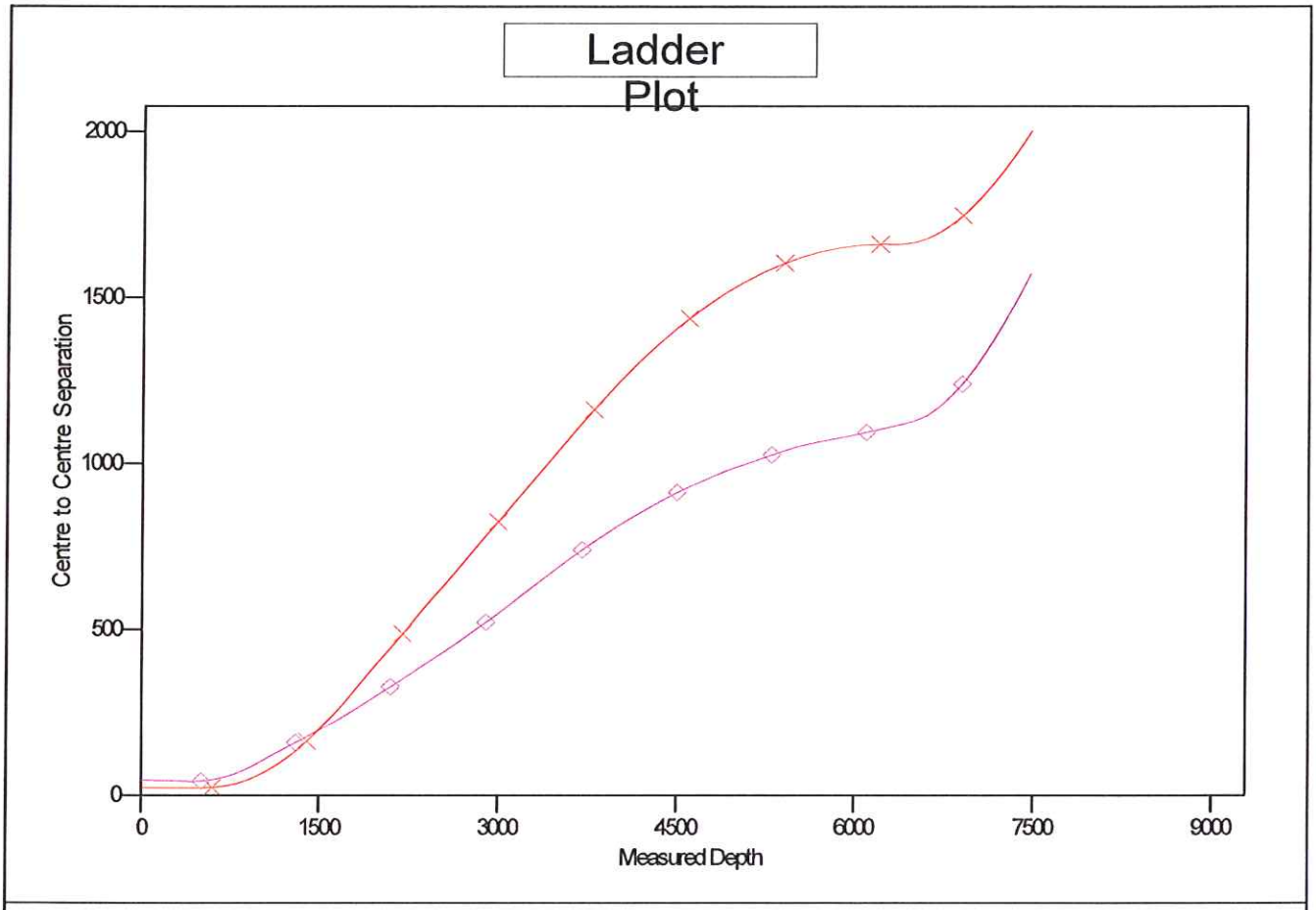
Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,100.00	4,800.67	4,800.67	4,800.67	31.82	5.38	-47.64	20.07	9.51	1,553.74	1,533.40	20.35	76.362	
5,200.00	4,898.98	4,898.98	4,898.98	32.17	5.49	-47.64	20.07	9.51	1,572.07	1,551.42	20.65	76.128	
5,300.00	4,997.59	4,997.59	4,997.59	32.49	5.60	-47.65	20.07	9.51	1,588.68	1,567.74	20.94	75.863	
5,400.00	5,096.47	5,096.47	5,096.47	32.78	5.71	-47.66	20.07	9.51	1,603.57	1,582.35	21.22	75.567	
5,500.00	5,195.60	5,195.60	5,195.60	33.04	5.83	-47.67	20.07	9.51	1,616.73	1,595.24	21.49	75.242	
5,600.00	5,294.94	5,294.94	5,294.94	33.28	5.94	-47.67	20.07	9.51	1,628.15	1,606.41	21.74	74.887	
5,700.00	5,394.47	5,394.47	5,394.47	33.49	6.05	-47.68	20.07	9.51	1,637.84	1,615.86	21.98	74.504	
5,800.00	5,494.15	5,494.15	5,494.15	33.68	6.16	-47.68	20.07	9.51	1,645.80	1,623.58	22.21	74.091	
5,900.00	5,593.96	5,593.96	5,593.96	33.84	6.27	-47.68	20.07	9.51	1,652.01	1,629.58	22.43	73.649	
6,000.00	5,693.86	5,693.86	5,693.86	33.98	6.38	-47.68	20.07	9.51	1,656.48	1,633.84	22.64	73.178	
6,100.00	5,793.82	5,793.82	5,793.82	34.09	6.50	-47.69	20.07	9.51	1,659.20	1,636.37	22.83	72.676	
6,206.19	5,900.00	5,900.00	5,900.00	34.18	6.62	-47.69	20.07	9.51	1,660.19	1,637.16	23.02	72.109	
6,300.00	5,993.81	5,993.81	5,993.81	34.25	6.72	-47.69	20.07	9.51	1,660.19	1,636.92	23.27	71.349	
6,340.67	6,034.48	6,034.48	6,034.48	34.28	6.77	-47.69	20.07	9.51	1,660.19	1,636.81	23.38	71.022	
6,400.00	6,093.81	6,050.00	6,050.00	34.33	6.78	-47.69	20.07	9.51	1,660.76	1,637.28	23.48	70.724	
6,500.00	6,193.81	6,050.00	6,050.00	34.40	6.78	-47.69	20.07	9.51	1,666.40	1,642.77	23.63	70.507	
6,600.00	6,293.81	6,050.00	6,050.00	34.48	6.78	-47.69	20.07	9.51	1,677.99	1,654.21	23.79	70.537	
6,700.00	6,393.81	6,050.00	6,050.00	34.57	6.78	-47.69	20.07	9.51	1,695.41	1,671.47	23.94	70.807	
6,800.00	6,493.81	6,050.00	6,050.00	34.65	6.78	-47.69	20.07	9.51	1,718.48	1,694.38	24.10	71.303	
6,900.00	6,593.81	6,050.00	6,050.00	34.73	6.78	-47.69	20.07	9.51	1,746.98	1,722.72	24.26	72.011	
7,000.00	6,693.81	6,050.00	6,050.00	34.82	6.78	-47.69	20.07	9.51	1,780.65	1,756.23	24.42	72.918	
7,100.00	6,793.81	6,050.00	6,050.00	34.90	6.78	-47.69	20.07	9.51	1,819.20	1,794.62	24.58	74.008	
7,200.00	6,893.81	6,050.00	6,050.00	34.99	6.78	-47.69	20.07	9.51	1,862.32	1,837.58	24.74	75.264	
7,300.00	6,993.81	6,050.00	6,050.00	35.08	6.78	-47.69	20.07	9.51	1,909.71	1,884.80	24.91	76.671	
7,400.00	7,093.81	6,050.00	6,050.00	35.17	6.78	-47.69	20.07	9.51	1,961.06	1,935.99	25.07	78.213	
7,474.19	7,168.00	6,050.00	6,050.00	35.23	6.78	-47.69	20.07	9.51	2,001.54	1,976.34	25.20	79.436	

Sharewell Energy Services, LP

Anticollision Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well Federal 8-2D-65
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 7452.00usft
Reference Site:	Sec.2-T6S-R5W	**MD Reference:**	WELL @ 7452.00usft
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	Federal 8-2D-65	**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 Single User Db
Reference Design:	Design #2	**Offset TVD Reference:**	Reference Datum

Reference Depths are relative to WELL @ 7452.00usft	Coordinates are relative to: Federal 8-2D-65
Offset Depths are relative to Offset Datum	Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302
Central Meridian is 111° 30' 0.000 W	Grid Convergence at Surface is: 0.70°



LEGEND

Fed 1-2D-65 (Existing), Wellbore #1, Wellbore #1 V0 — Fed 2-2-65 (Existing), Wellbore #1, Wellbore #1 V0

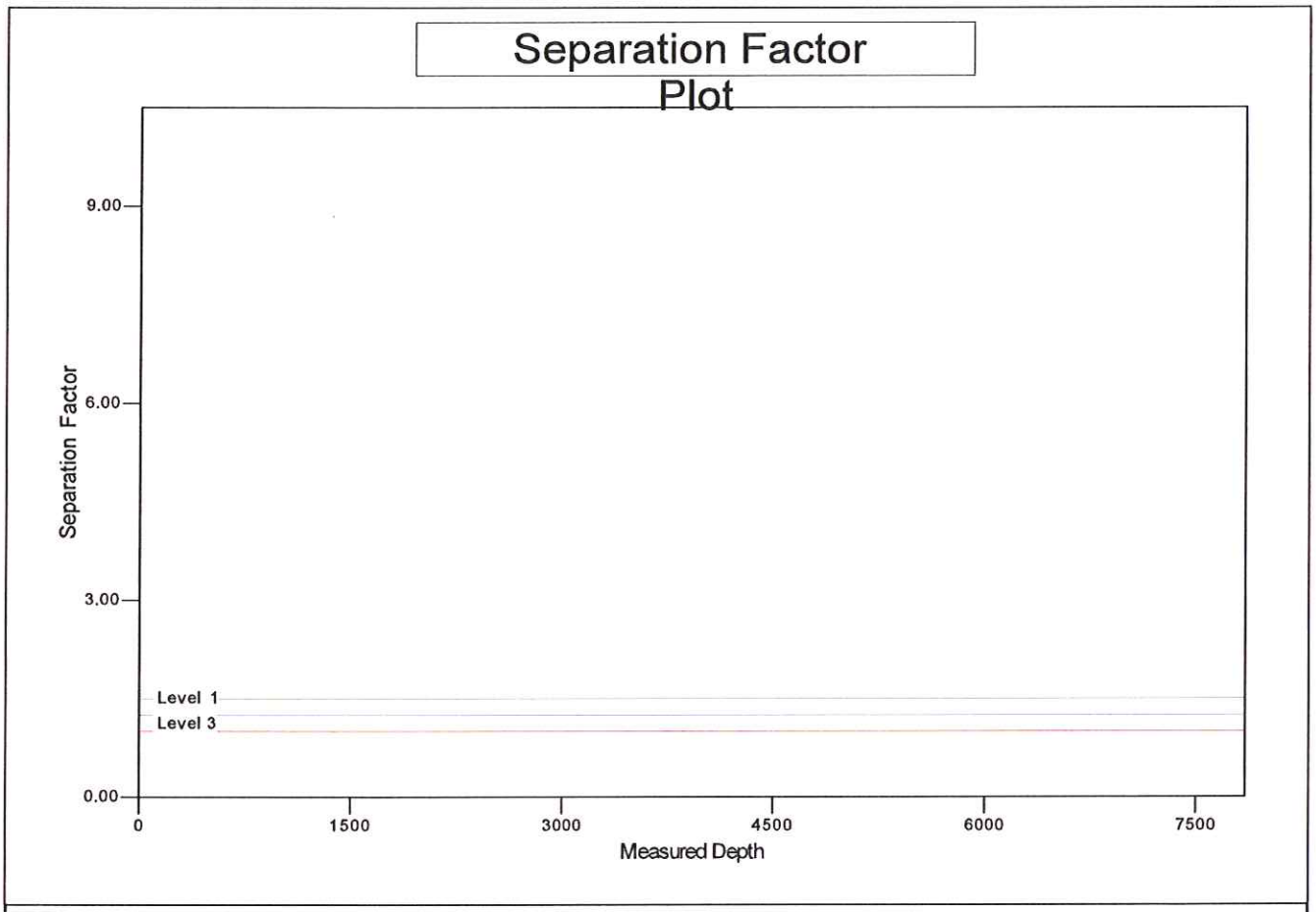
Sharewell Energy Services, LP

Anticollision Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well Federal 8-2D-65
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 7452.00usft
Reference Site:	Sec.2-T6S-R5W	**MD Reference:**	WELL @ 7452.00usft
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	Federal 8-2D-65	**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 Single User Db
Reference Design:	Design #2	**Offset TVD Reference:**	Reference Datum

Reference Depths are relative to WELL @ 7452.00usft
Offset Depths are relative to Offset Datum
Central Meridian is 111° 30' 0.000 W

Coordinates are relative to: Federal 8-2D-65
Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302
Grid Convergence at Surface is: 0.70°



LEGEND

Fed 1-2D-65 (Existing), Wellbore #1, Wellbore #1 V0 — Fed 2-2-65 (Existing), Wellbore #1, Wellbore #1 V0

AFFIDAVIT OF NOTICE

Jerry L. Gonzalez, the affiant herein, being of lawful age and duly sworn upon his oath deposes and states as follows:

Jerry L. Gonzalez is a Senior Landman for Berry Petroleum Company, a Delaware corporation, with an office located at 1999 Broadway, Suite 3700, Denver, Colorado, 80202, and is duly authorized to make this affidavit on behalf of said corporation.

Berry Petroleum Company has submitted a Sundry Notice to commingle production from the Wasatch and Green River formations in the following well within the Ashley National Forest Field area:

Federal 8-2D-65

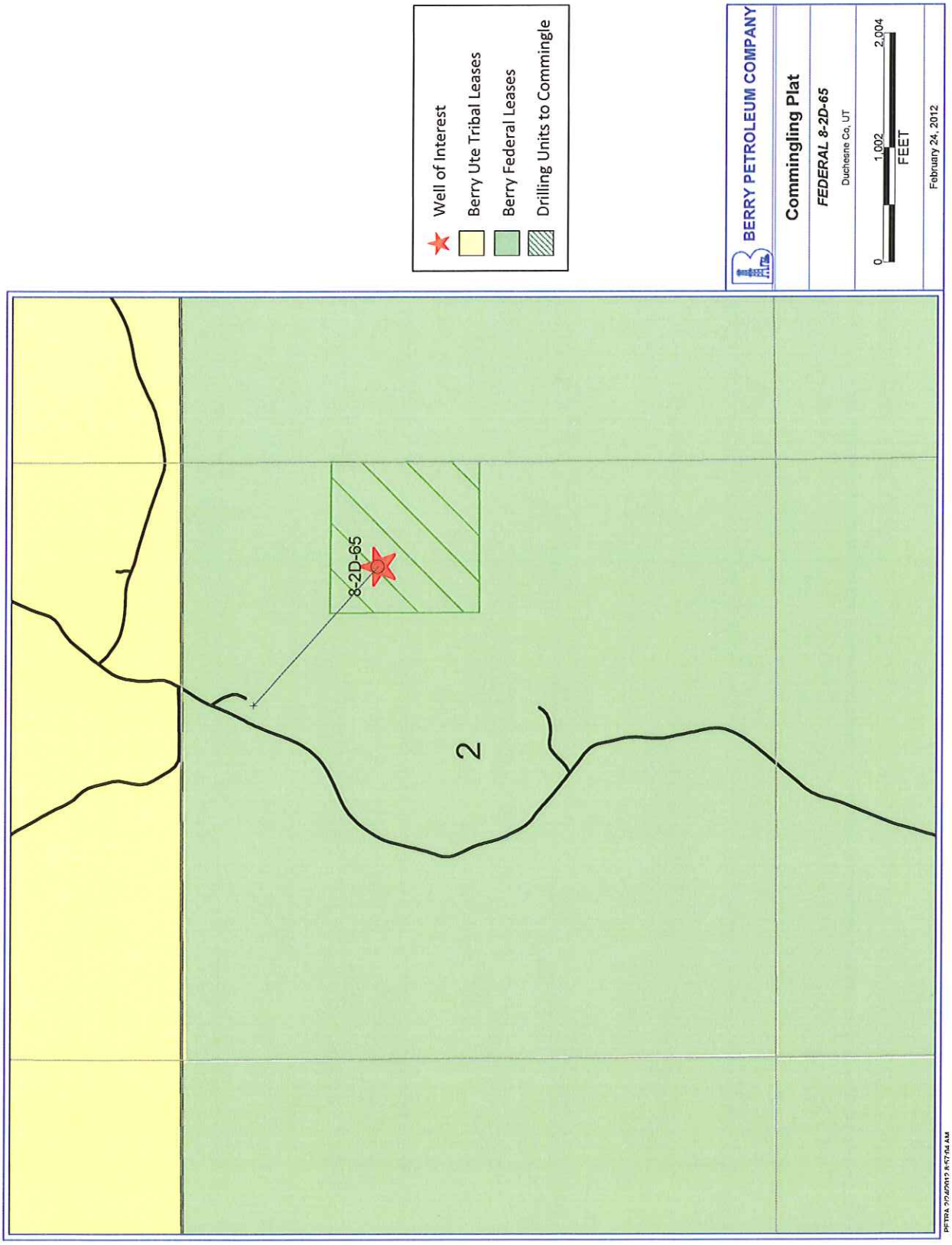
This Affidavit is made in accordance with Utah's Oil, Gas and Mining regulation R649-3-22, to certify that Berry Petroleum Company is the owner of all contiguous oil and gas leases or drilling units overlying the pool for the aforementioned well.

This instrument is executed this 27th day of February, 2012.

Berry Petroleum Company

By: Jerry L. Gonzalez

Jerry L. Gonzalez


Well of Interest
Berry Ute Tribal Leases
Berry Federal Leases
Drilling Units to Commingle
BERRY PETROLEUM COMPANY
Commingling Plat
FEDERAL 8-2D-65
Duchesne Co, UT
0
1,002
2,004
FEET
February 24, 2012
8-2D-65
2
1
PETRA 2/24/2012 8:57:04 AM

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

July 13, 2012 43-013-50219

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

Re: Spud Notice

Federal 8-2D-65
NWNE 633 FNL 2124 FEL

Section 2 T6S R5W
Lease # UTU77326

Beginning at approx. 12:00 pm on July 16, 2012.

If you have any questions or need more information, please call.

Sincerely,
Kathy Fieldsted

RECEIVED
JUL 13 2012
DIV. OF OIL, GAS & MINING

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU77326

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:
FEDERAL 8-2D-65

2. NAME OF OPERATOR:
BERRY PETROLEUM COMPANY

9. API NUMBER:
43013507190000

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:
BRUNDAGE CANYON

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0633 FNL 2124 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWNE Section: 02 Township: 06.0S Range: 05.0W 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:
- ☐ SUBSEQUENT REPORT
  Date of Work Completion:
- ✓ SPUD REPORT
  Date of Spud:
  7/17/2012
- ☐ 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.

PLEASE NOTE THAT THE FEDERAL 8-2D-65 WAS SPUD ON JULY 17, 2012 AT APPROX. 7AM BY LEON ROSS DRILLING.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
July 27, 2012

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

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

July 23, 2012 43-013-50719

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

Re: Rig move from the Fed 11-2D-65 to the Federal 8-2D-65.

Begin at approx. 7:00 am on Thursday July 26, 2012

633' FNL, 2,124' FEL

Sec.2 T6S R5W

Lease # UTU-77326

If you have any questions or need more information, please call me at 970-361-3297

Sincerely
Frank Doherty

Thank You

RECEIVED
JUL 25 2012
DIV. OF OIL, GAS & MINING

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

CONFIDENTIAL

July 26, 2012

Federal 8-20-65
43-013-50719

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

Re: BOP Test to begin at approx. 11:00 am on Friday July 27, 2012

Spud production hole to begin at approx. 7:00 pm on Friday July,27 2012

633' FNL, 2,124' FEL

Sec.2 T6S R5W

Lease # UTU-77326

If you have any questions or need more information, please call me at 970-361-3297

Sincerely
Frank Doherty

Thank You

RECEIVED
JUL 26 2012
DIV. OF OIL, GAS & MINING

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

July 31, 2012 43-013-50719

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

Re: Run 5 ½'' production casing and cement.

Begin at approx. 09:30 am on Wednesday- August 1, 2012

Well- Federal 8-2D-65

633' FNL, 2,124' FEL

Sec.2 T6S R5W

Lease # UTU-77326

If you have any questions or need more information, please call me at 970-361-3297

Sincerely
Michael Hancock

Thank You

RECEIVED
JUL 3 1 2012
DIV. OF OIL, GAS & MINING

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU77326

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:
FEDERAL 8-2D-65

2. NAME OF OPERATOR:
BERRY PETROLEUM COMPANY

9. API NUMBER:
43013507190000

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:
BRUNDAGE CANYON

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0633 FNL 2124 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWNE Section: 02 Township: 06.0S Range: 05.0W 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:	☐ 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: 8/3/2012	☐ 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 DRILLING HISTORY FOR THE FEDERAL 8-2D-65.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
August 09, 2012

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Kathy K. Fieldsted	435 722-1325	Sr. Regulatory & Permitting Tech.
SIGNATURE		**DATE**
N/A		8/9/2012

RECEIVED: Aug. 09, 2012

Berry Daily Drilling Report

Report Date: 7/26/2012
Report #: 1, DFS:
Depth Progress:

Well Name: FEDERAL 8-2D-65

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013507190000	Lt #2 NWNE SECTION 2, T6S-R5W	7/26/2012	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
7/27/2012 6:30:00 PM	8/2/2012 12:00:00 PM	20.00	7,438

Operations at Report Time	Operations Next 24 Hours
Rig down. Wait for daylight to lower derrick.	Move rig 1 mile and rig up.

Operations Summary
Rig down.

Remarks
Fuel on hand=1650 gallons, fuel used 250 gallons.

Weather	Temperature (°F)	Road Condition	Hole Condition
Cloudy	63.0		

AFE Number	Total AFE Amount
C12 032063	

Daily Cost	Cum Cost To Date
50,746	50,746

Daily Mud Cost	Mud Additive Cost To Date

Depth Start (ftKB)	Depth End (ftKB)
0	0

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

Target Formation	Target Depth (ftKB)
CR-4	6,974

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	355	8 5/8	Pre-Set

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
18:00	06:00	12.00	Rig Up & Tear Down	Rig down and prepare rig for 1-mile move.

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

g/s Injected down Parasite (gal)	g/s Injected in Mud (gal)	g/s Biocide Injected in Mud (gal)

Drill Strings

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)

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

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft (ft)	min gpm (gpm)	max gpm (gpm)	SN

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq

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

Deviation Surveys

All Survey

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
	7/27/2012	All Survey			0.00		

Survey Data

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

Daily Contacts

Job Contact	Mobile
Frank Doherty	970-361-3297
Marsh Wing	866-910-9236

Rigs

Contractor	Rig Number
Patterson	779

Mud Pumps

 # 1, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.00

Liner Size (in)	Vol/Stk OR (bbl/stk)
6	0.083

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

 # 2, Continental-Emsco, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.00

Liner Size (in)	Vol/Stk OR (bbl/stk)
6	0.083

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No	120	1

Mud Additive Amounts

Description	Consumed	Daily Cost

Job Supplies

Diesel Fuel, gal us

Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
6,900.0	5,468.0	

Diesel Fuel Consumption

Date	consumed
7/25/2012	
7/26/2012	250.0
7/27/2012	190.0
7/28/2012	408.0
7/29/2012	945.0
7/30/2012	1,079.0
7/31/2012	1,301.0
8/1/2012	730.0
8/2/2012	456.0
8/2/2012	109.0

Berry Daily Drilling Report

Report Date: 7/27/2012
Report #: 2, DFS:
Depth Progress:

Well Name: FEDERAL 8-2D-65

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013507190000	Lt #2 NWNE SECTION 2, T6S-R5W	7/26/2012	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
7/27/2012 6:30:00 PM	8/2/2012 12:00:00 PM	20.00	7,438

Operations at Report Time	Operations Next 24 Hours
Nipple up BOPE	Finish nipple up BOPE. Test BOPE, PU directional tools. Spud 7 7/8 production hole.

Operations Summary
Move rig 1 mile and rig up. Nipple up BOPE.

Remarks
Fuel on hand=1460 gallons, fuel used 190 gallons.

Weather	Temperature (°F)	Road Condition	Hole Condition
Cloudy	61.0	Dusty	Good

AFE Number	Total AFE Amount
C12 032063	

Daily Cost	Cum Cost To Date
46,700	97,446

Daily Mud Cost	Mud Additive Cost To Date

Depth Start (ftKB)	Depth End (ftKB)
0	0

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

Target Formation	Target Depth (ftKB)
CR-4	6,974

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	355	8 5/8	Pre-Set

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	19:00	13.00	Rig Up & Tear Down	Held PJSM with Hagman Trucking. Move rig 1 mile from the Federal 11-2D-65 to the Federal 8-2D-65 with 4-trucks, 1-forklift,2-swampers and 1-truck pusher. On location at 6:00 am, off location at 7:00 pm. Patterson had 8 hands during rig move.
19:00	04:00	9.00	Rig Up & Tear Down	Raise derrick, level and center over well. (Inspected derrick and crown sheaves prior to raising) Stretch guylines. Rig up power, fuel, water and air lines.Rig up floor and back yard. Pick up kelly.
04:00	06:00	2.00	NU/ND BOP	Nipple up BOP equipment and function test.

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...

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft (ft)	min gpm (gpm)	max gpm (gpm)	SN

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq

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

Deviation Surveys

All Survey

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
	7/27/2012	All Survey			0.00		

Survey Data

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

Daily Contacts

Job Contact	Mobile
Frank Doherty	970-361-3297
Marsh Wing	866-910-9236

Rigs

Contractor	Rig Number
Patterson	779

Mud Pumps

 # 1, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.00

Liner Size (in)	Vol/Stk OR (bbl/stk)
6	0.083

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

 # 2, Continental-Emsco, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.00

Liner Size (in)	Vol/Stk OR (bbl/stk)
6	0.083

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

Mud Additive Amounts

Description	Consumed	Daily Cost

Job Supplies

Diesel Fuel, gal us

Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
6,900.0	5,468.0	

Diesel Fuel Consumption

Date	consumed
7/25/2012	
7/26/2012	250.0
7/27/2012	190.0
7/28/2012	408.0
7/29/2012	945.0
7/30/2012	1,079.0
7/31/2012	1,301.0
8/1/2012	730.0
8/2/2012	456.0
8/2/2012	109.0

Berry Daily Drilling Report

Report Date: 7/28/2012
Report #: 3, DFS: 0.5
Depth Progress: 643

Well Name: FEDERAL 8-2D-65

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013507190000	Lt #2 NWNE SECTION 2, T6S-R5W	7/26/2012	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
7/27/2012 6:30:00 PM	8/2/2012 12:00:00 PM	20.00	7,438

Operations at Report Time	Operations Next 24 Hours
Drilling 7 7/8 production hole at 998'.	Drill Ahead.

Operations Summary
Nipple up and pressure test BOPE. Strap BHA, conduct Pre-spud inspection. Pick up directional tools and orient. PU BHA, drill shoe track. Drill from 355' to 998'.

Remarks
Fuel on hand=6052 gallons, fuel used 408 gallons.

Weather	Temperature (°F)	Road Condition	Hole Condition
Cloudy	62.0	Dusty	Good

AFE Number	Total AFE Amount
C12 032063	

Daily Cost	Cum Cost To Date
59,029	156,475

Daily Mud Cost	Mud Additive Cost To Date

Depth Start (ftKB)	Depth End (ftKB)
355	998

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)
355	993

Target Formation	Target Depth (ftKB)
CR-4	6,974

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	355	8 5/8	Pre-Set

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	07:00	1.00	NU/ND BOP	Nipple up BOPE. Install flow line.
07:00	11:00	4.00	Test BOP	Held PJSM with A-1 Tester.Test upper kelly valve, floor valve, kill line, choke manifold, blind rams,pipe rams, inside BOP valve, and annular. 250 psi low. 2000 psi high for 15 minutes. Test casing to 1000 psi for 30 minutes.
11:00	12:30	1.50	Miscellaneous	Install flare lines. Stage BHA on pipe racks and scribe BHA.
12:30	13:30	1.00	Miscellaneous	Conduct pre-spud inspection.
13:30	15:30	2.00	Directional Work	Pick up directional tools and orient.
15:30	17:00	1.50	Trips	Pick up BHA. Tag cement at 275'. Install rotating head element.
17:00	18:30	1.50	Drill Out Cement/Retainers	Drill shoe track. Shoe at 355'.
18:30	06:00	11.50	Drilling	Drill with rotary and slides from 355' to 998'.

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, Steerable

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
1	7 7/8in, FX65, 11963668	0-0-NO-A-X-0-NO-TD	1.18

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
16/16/16/16/16/16	7,016.72	3	75.3

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	Kelly	5 1/4	18.00							
189	DP	4 1/2	5,979.80							
30	HWDP	4 1/2	918.91							
1	Flex Collar	6 1/2	30.74							
1	Gap Sub	6 1/2	5.65							
1	NMDC	6 1/2	31.01							
1	Mud Motor- 7/8 3.3 .16 1.5 Adj	6 1/2	31.61							

Daily Contacts

Job Contact	Mobile
Frank Doherty	970-361-3297
Marsh Wing	866-910-9236

Rigs

Contractor	Rig Number
Patterson	779

Mud Pumps

1, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.00

Liner Size (in)	Vol/Stk OR (bbl/stk)
6	0.083

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

2, Continental-Emsco, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.00

Liner Size (in)	Vol/Stk OR (bbl/stk)
6	0.083

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

Mud Additive Amounts

Description	Consumed	Daily Cost

Job Supplies

Diesel Fuel, gal us

Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
6,900.0	5,468.0	

Diesel Fuel Consumption

Date	consumed
7/25/2012	
7/26/2012	250.0
7/27/2012	190.0
7/28/2012	408.0
7/29/2012	945.0
7/30/2012	1,079.0
7/31/2012	1,301.0
8/1/2012	730.0
8/2/2012	456.0
8/2/2012	109.0

Berry Daily Drilling Report

Report Date: 7/28/2012
Report #: 3, DFS: 0.5
Depth Progress: 643

Well Name: FEDERAL 8-2D-65

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	355.0	998.0	643.00	12.00	12.00	53.6	418

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
18	60	1,000.0	50,000	60,000	50,000		

Q (g inj) (ft³/...	Motor RPM (rpm)	T (inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...
	67							

Deviation Surveys

All Survey

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
	7/27/2012	All Survey			0.00		

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
355.00	0.00	0.00	355.00	0.00	0.00	0.00	0.00
396.00	0.79	260.30	396.00	-0.05	-0.28	-0.17	1.93
488.00	2.11	170.74	487.97	-1.83	-0.63	0.78	2.44
581.00	4.66	159.32	580.81	-7.05	0.98	5.51	2.82
673.00	6.72	144.82	672.35	-14.95	5.40	14.11	2.71
764.00	7.60	127.41	762.65	-22.96	13.25	25.31	2.56
855.00	9.76	121.35	852.61	-30.63	24.62	38.87	2.57
948.00	11.56	126.01	944.00	-40.21	38.89	55.85	2.14

Berry Daily Drilling Report

Report Date: 7/29/2012
Report #: 4, DFS: 1.5
Depth Progress: 2,276

Well Name: FEDERAL 8-2D-65

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013507190000	Lt #2 NWNE SECTION 2, T6S-R5W	7/26/2012	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
7/27/2012 6:30:00 PM	8/2/2012 12:00:00 PM	20.00	7,438

Operations at Report Time	Operations Next 24 Hours
Drilling 7 7/8' Production hole	Drill 7 7/8" production hole

Operations Summary
Drrilling F/998'-2006', Rig service, Drilling F/2006'-3274', hole seeping, lost @200 bbls

Remarks
Fuel on hand-5,107 gals Used- 945 gals

Weather	Temperature (°F)	Road Condition	Hole Condition
Cloudy	62.0	Dusty	Seeping

AFE Number	Total AFE Amount
C12 032063	

Daily Cost	Cum Cost To Date
34,622	191,097

Daily Mud Cost	Mud Additive Cost To Date
564	564

Depth Start (ftKB)	Depth End (ftKB)
998	3,274

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)
993	3,090

Target Formation	Target Depth (ftKB)
CR-4	6,974

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	355	8 5/8	Pre-Set

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	15:30	9.50	Drilling	Drill with rotary and slides F/998'-2006', Avg F/hr- 126', 8-12K WOB, 60 Rpm, 464 Gpm
15:30	16:00	0.50	Lubricate Rig	Rig Service
16:00	06:00	14.00	Drilling	Drill with rotary and slides F/2006'-3274', Avg F/Hr 87, @20k WOB, 60 Rpm, 467 Gpm, hole seeping, lost @ 200 bbls

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Dap/LSND	08:00	1,375.0	8.55	27		1.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
				0	11.8	1.2

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
		98.8	1,500.000	30.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
		75.0	25.0		515.0

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, Steerable

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
1	7 7/8in, FX65, 11963668	0-0-NO-A-X-0-NO-TD	1.18

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
16/16/16/16/16/16	7,016.72	3	75.3

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	Kelly	5 1/4	18.00							
189	DP	4 1/2	5,979.80							
30	HWDP	4 1/2	918.91							
1	Flex Collar	6 1/2	30.74							
1	Gap Sub	6 1/2	5.65							
1	NMDC	6 1/2	31.01							
1	Mud Motor- 7/8 3.3 .16 1.5 Adj	6 1/2	31.61							

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	998.0	3,274.0	2,919.00	23.50	35.50	96.9	467

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
18	60	1,397.0	84,000	118,000	80,000		

Q (g inj) (ft³/...	Motor RPM (rpm)	T (inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtn) (g...	Q (g return) ...
	71							

Deviation Surveys

All Survey

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
	7/27/2012	All Survey			0.00		

Daily Contacts

Job Contact	Mobile
Mike Hancock	970-361-3297
Marsh Wing	866-910-9236

Rigs

Contractor	Rig Number
Patterson	779

Mud Pumps

1, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.00

Liner Size (in)	Vol/Stk OR (bbl/stk)
6	0.083

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

2, Continental-Emsco, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.00

Liner Size (in)	Vol/Stk OR (bbl/stk)
6	0.083

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

Mud Additive Amounts

Description	Consumed	Daily Cost
Aluminum sterate	1.0	55.90
Bicarbonate of soda	8.0	120.96
Engineer	1.0	375.00
TAX	12.38	12.38

Job Supplies

Diesel Fuel, gal us

Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
6,900.0	5,468.0	

Diesel Fuel Consumption

Date	consumed
7/25/2012	
7/26/2012	250.0
7/27/2012	190.0
7/28/2012	408.0
7/29/2012	945.0
7/30/2012	1,079.0
7/31/2012	1,301.0
8/1/2012	730.0
8/2/2012	456.0
8/2/2012	109.0

Berry Daily Drilling Report

Report Date: 7/29/2012
Report #: 4, DFS: 1.5
Depth Progress: 2,276

Well Name: FEDERAL 8-2D-65

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
1,040.00	11.60	133.39	1,034.13	-51.98	53.07	74.25	1.61
1,135.00	13.23	130.23	1,126.91	-65.57	68.31	94.67	1.86
1,230.00	14.55	128.03	1,219.13	-79.94	86.01	117.42	1.50
1,324.00	15.25	128.91	1,309.97	-94.98	104.93	141.52	0.78
1,419.00	17.09	131.02	1,401.21	-111.99	125.19	167.94	2.03
1,514.00	21.49	130.49	1,490.85	-132.46	148.96	199.30	4.64
1,609.00	23.51	129.96	1,578.62	-155.93	176.72	235.62	2.14
1,703.00	25.14	130.58	1,664.27	-180.96	206.26	274.30	1.76
1,798.00	22.85	130.23	1,751.05	-206.01	235.67	312.89	2.42
1,893.00	22.28	131.63	1,838.78	-229.88	263.22	349.33	0.82
1,988.00	23.51	130.14	1,926.30	-254.06	291.16	386.26	1.43
2,083.00	24.04	129.70	2,013.23	-278.64	320.54	424.51	0.59
2,177.00	24.83	129.96	2,098.81	-303.54	350.40	463.35	0.85
2,272.00	24.04	132.42	2,185.31	-329.41	379.97	502.62	1.36
2,367.00	21.49	135.15	2,272.90	-354.80	406.53	539.36	2.90
2,461.00	22.63	136.64	2,360.02	-380.16	431.09	574.61	1.35
2,556.00	21.75	139.19	2,447.98	-406.77	455.15	610.34	1.37
2,651.00	23.38	131.63	2,535.73	-432.62	480.75	646.69	3.50
2,746.00	26.67	129.96	2,621.80	-458.85	511.19	686.84	3.54
2,840.00	27.69	132.60	2,705.42	-487.18	543.44	729.75	1.68
2,936.00	27.47	133.39	2,790.51	-517.49	575.94	774.20	0.44
3,031.00	27.99	131.54	2,874.60	-547.32	608.55	818.40	1.06
3,126.00	27.60	131.02	2,958.64	-576.55	641.84	862.68	0.48
3,221.00	27.47	130.31	3,042.88	-605.17	675.16	906.57	0.37

Berry Daily Drilling Report

Report Date: 7/30/2012
Report #: 5, DFS: 2.5
Depth Progress: 1,900

Well Name: FEDERAL 8-2D-65

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013507190000	Lt #2 NWNE SECTION 2, T6S-R5W	7/26/2012	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
7/27/2012 6:30:00 PM	8/2/2012 12:00:00 PM	20.00	7,438

Operations at Report Time	Operations Next 24 Hours
Drilling 7 7/8 production hole	Drill 7 7/8" production hole

Operations Summary
Drill with rotary and slides F/3274'-4223', Rig service, Drill with rotary and slides F/4223'-5174'

Remarks
Fuel on hand- 4,028 gals Used - 1079 gals

Weather	Temperature (°F)	Road Condition	Hole Condition
Cloudy	65.0	Dusty	Seeping

AFE Number	Total AFE Amount
C12 032063	

Daily Cost	Cum Cost To Date
34,004	225,101

Daily Mud Cost	Mud Additive Cost To Date
1,807	2,371

Depth Start (ftKB)	Depth End (ftKB)
3,274	5,174

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)
3,090	4,889

Target Formation	Target Depth (ftKB)
CR-4	6,974

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	355	8 5/8	Pre-Set

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	16:00	10.00	Drilling	Drill with rotary and slides F/3274'-4223'
16:00	16:30	0.50	Lubricate Rig	Rig service, tighten drive line bolts, grease blocks
16:30	06:00	13.50	Drilling	Drill with rotary and slides F/4223'-5174', Avg F/H 61, Wob 18-22k, Rpm 60, Gpm 453, MWt 8.45 Vis 27

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
DAP/LSND	08:00	3,600.0	8.55	27		1.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
				0	9.65	1.2

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
		98.8	1,200,000	20,000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
		200.0			390.0

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, Steerable

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
1	7 7/8in, FX65, 11963668	0-0-NO-A-X-0-NO-TD	1.18

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
16/16/16/16/16/16	7,016.72	3	75.3

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	Kelly	5 1/4	18.00							
189	DP	4 1/2	5,979.80							
30	HWDP	4 1/2	918.91							
1	Flex Collar	6 1/2	30.74							
1	Gap Sub	6 1/2	5.65							
1	NMDC	6 1/2	31.01							
1	Mud Motor- 7/8 3.3 .16 1.5 Adj	6 1/2	31.61							

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	3,274.0	5,174.0	4,819.00	23.50	59.00	80.9	453

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
20	60	1,495.0	112,000	200,000	104,000		

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtn) (g...	Q (g return) ...
	73							

Deviation Surveys

All Survey

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
	7/27/2012	All Survey			0.00		

Daily Contacts

Job Contact	Mobile
Mike Hancock	970-361-3297
Chad D. Beath	866-910-9236

Rigs

Contractor	Rig Number
Patterson	779

Mud Pumps

1, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.00

Liner Size (in)	Vol/Stk OR (bbl/stk)
6	0.083

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

2, Continental-Emsco, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.00

Liner Size (in)	Vol/Stk OR (bbl/stk)
6	0.083

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

Mud Additive Amounts

Description	Consumed	Daily Cost
Chemseal	4.0	43.80
DAP	17.0	391.00
Engineer	1.0	375.00
Pallets	3.0	54.00
Sawdust	80.0	328.00
Shrink Wrap	3.0	54.00
TAX	60.96	60.96
Trucking	500.0	500.00

Job Supplies

Diesel Fuel, gal us

Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
6,900.0	5,468.0	

Diesel Fuel Consumption

Date	consumed
7/25/2012	
7/26/2012	250.0
7/27/2012	190.0
7/28/2012	408.0
7/29/2012	945.0
7/30/2012	1,079.0
7/31/2012	1,301.0
8/1/2012	730.0
8/2/2012	456.0
8/2/2012	109.0

Berry Daily Drilling Report

Report Date: 7/30/2012
Report #: 5, DFS: 2.5
Depth Progress: 1,900

Well Name: FEDERAL 8-2D-65

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
3,319.00	26.89	129.08	3,130.06	-633.76	709.60	951.27	0.82
3,414.00	26.45	127.33	3,214.95	-660.14	743.10	993.77	0.95
3,509.00	25.22	126.45	3,300.46	-684.99	776.20	1,034.95	1.36
3,604.00	24.39	125.04	3,386.69	-708.28	808.54	1,074.50	1.07
3,794.00	23.38	127.68	3,560.42	-753.85	870.50	1,150.93	0.77
3,888.00	22.32	127.15	3,647.04	-776.03	899.49	1,187.27	1.15
4,015.00	21.53	134.62	3,764.88	-806.97	935.31	1,234.57	2.28
4,110.00	19.47	134.88	3,853.86	-830.39	958.94	1,267.82	2.17
4,204.00	18.28	138.75	3,942.81	-852.53	979.76	1,298.14	1.84
4,299.00	16.96	139.01	4,033.35	-874.19	998.67	1,326.73	1.39
4,395.00	15.47	137.96	4,125.53	-894.27	1,016.43	1,353.41	1.58
4,490.00	14.55	133.21	4,217.29	-911.85	1,033.61	1,377.96	1.62
4,585.00	12.96	132.16	4,309.56	-927.17	1,050.21	1,400.54	1.69
4,680.00	11.78	131.02	4,402.35	-940.68	1,065.42	1,420.89	1.27
4,775.00	10.50	131.19	4,495.56	-952.75	1,079.25	1,439.24	1.35
4,870.00	9.49	131.46	4,589.12	-963.64	1,091.64	1,455.72	1.06
4,965.00	9.27	131.19	4,682.85	-973.86	1,103.26	1,471.20	0.24
5,060.00	10.77	132.60	4,776.40	-984.91	1,115.56	1,487.72	1.60
5,155.00	10.46	131.72	4,869.77	-996.65	1,128.53	1,505.22	0.37

Berry Daily Drilling Report

Report Date: 7/31/2012
Report #: 6, DFS: 3.5
Depth Progress: 1,455

Well Name: FEDERAL 8-2D-65

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013507190000	Lt #2 NWNE SECTION 2, T6S-R5W	7/26/2012	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
7/27/2012 6:30:00 PM	8/2/2012 12:00:00 PM	20.00	7,438

Operations at Report Time	Operations Next 24 Hours
Drilling 7 7/8" production hole	Drill production hole to TD @7016', circulate 2 sweeps, POOH for logs, log well, TIH for laydown

Operations Summary
Drilling F/5174'-5773', shut down driectional tools, lightning over head, circulate, rig service, Drilling F/5773'-6629'

Remarks
Fuel on hand- 2,727 gals Used 1301 gals

Weather	Temperature (°F)	Road Condition	Hole Condition
Cloudy	60.0	Wet	Seeping

AFE Number	Total AFE Amount
C12 032063	

Daily Cost	Cum Cost To Date
35,127	260,228

Daily Mud Cost	Mud Additive Cost To Date
1,319	3,690

Depth Start (ftKB)	Depth End (ftKB)
5,174	6,629

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)
4,889	6,335

Target Formation	Target Depth (ftKB)
CR-4	6,974

Daily Contacts

Job Contact	Mobile
Mike Hancock	970-361-3297
Chad D. Beath	866-910-9236

Rigs

Contractor	Rig Number
Patterson	779

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	355	8 5/8	Pre-Set

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	15:00	9.00	Drilling	Drill with rotary and slides F/5174'-5773', 67 F/Hr Avg, 20K WOB, 60 Rpm, 456 Gpm, MWT 8.45 Vis 27
15:00	15:30	0.50	Miscellaneous	Circulate, shut down directional tools, lightning over head
15:30	16:00	0.50	Lubricate Rig	Rig service
16:00	06:00	14.00	Drilling	Drill with rotary and slides F/5773'-6629', 61 F/Hr Avg, 18-24k Wob, 60 Rpm, 450 GPM, MWT 8.45 Vis 27

Mud Pumps

1, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.00

Liner Size (in)	Vol/Stk OR (bbl/stk)
6	0.083

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

2, Continental-Emsco, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.00

Liner Size (in)	Vol/Stk OR (bbl/stk)
6	0.083

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

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
DAP/LSND	08:00	5,400.0	8.45	27		1.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
				0	8.8	0.8

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
		99.2	1,000.000	20.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
		75.0			340.0

Mud Additive Amounts

Description	Consumed	Daily Cost
Aluminum sterate	1.0	55.90
Chemseal	4.0	43.80
DAP	14.0	322.00
Engineer	1.0	375.00
Poly Swell	1.0	152.88
Sawdust	75.0	307.50
TAX	61.75	61.75

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)

Job Supplies

Diesel Fuel, gal us

Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
6,900.0	5,468.0	

Drill Strings

BHA #1, Steerable

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
1	7 7/8in, FX65, 11963668	0-0-NO-A-X-0-NO-TD	1.18

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
16/16/16/16/16/16	7,016.72	3	75.3

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	Kelly	5 1/4	18.00							
189	DP	4 1/2	5,979.80							
30	HWDP	4 1/2	918.91							
1	Flex Collar	6 1/2	30.74							
1	Gap Sub	6 1/2	5.65							
1	NMDC	6 1/2	31.01							
1	Mud Motor- 7/8 3.3 .16 1.5 Adj	6 1/2	31.61							

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	5,174.0	6,629.0	6,274.00	22.00	81.00	66.1	450

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
20	60	1,689.0	134,000	200,000	112,000		

Q (g inj) (ft³/...	Motor RPM (rpm)	T (inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...
	72							

Diesel Fuel Consumption

Date	consumed
7/25/2012	
7/26/2012	250.0
7/27/2012	190.0
7/28/2012	408.0
7/29/2012	945.0
7/30/2012	1,079.0
7/31/2012	1,301.0
8/1/2012	730.0
8/2/2012	456.0
8/2/2012	109.0

Berry Daily Drilling Report

Report Date: 7/31/2012
Report #: 6, DFS: 3.5
Depth Progress: 1,455

Well Name: FEDERAL 8-2D-65

Deviation Surveys

All Survey

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
	7/27/2012	All Survey			0.00		

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
5,250.00	11.38	131.46	4,963.05	-1,008.60	1,141.99	1,523.21	0.97
5,345.00	9.98	131.54	5,056.40	-1,020.26	1,155.17	1,540.82	1.47
5,440.00	8.61	130.84	5,150.15	-1,030.37	1,166.72	1,556.15	1.45
5,534.00	7.38	132.34	5,243.24	-1,039.04	1,176.50	1,569.22	1.33
5,630.00	6.42	139.28	5,338.54	-1,047.26	1,184.56	1,580.72	1.32
5,819.00	5.32	141.83	5,526.55	-1,062.16	1,196.87	1,599.87	0.60
5,915.00	4.70	143.57	5,622.18	-1,068.82	1,201.95	1,608.13	0.66
6,009.00	4.13	146.93	5,715.90	-1,074.76	1,206.09	1,615.20	0.67
6,104.00	3.30	150.88	5,810.70	-1,080.01	1,209.29	1,621.11	0.91
6,199.00	3.16	155.45	5,905.55	-1,084.78	1,211.70	1,626.13	0.31
6,294.00	3.34	154.14	6,000.40	-1,089.66	1,214.00	1,631.12	0.20
6,389.00	3.30	167.49	6,095.24	-1,094.82	1,215.80	1,635.94	0.81
6,484.00	2.42	171.36	6,190.12	-1,099.47	1,216.69	1,639.76	0.95
6,579.00	2.77	174.79	6,285.02	-1,103.74	1,217.20	1,643.03	0.40

Berry Daily Drilling Report

Report Date: 8/1/2012
Report #: 7, DFS: 4.5
Depth Progress: 387

Well Name: FEDERAL 8-2D-65

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013507190000	Lt #2 NWNE SECTION 2, T6S-R5W	7/26/2012	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
7/27/2012 6:30:00 PM	8/2/2012 12:00:00 PM	20.00	7,438

Operations at Report Time	Operations Next 24 Hours
TIH for lay down	TIH, circ, Hold PJSM with Wyoming Casing, rig up lay down machine, lay down drill string, run 182 jts 5 1/2" 15.5# J-55 ST&C casing, cement, rig down for move

Operations Summary
Drill F/6629'-7016' -TD, circulate 2 sweeps to shakers, POOH for logs, lay down directional tools, Hold PJSM with Halliburton loggers, rig up, run triple combo log, rig down, TIH

Remarks
Fuel on hand- 1997 gals, Used 730 gals

Weather	Temperature (°F)	Road Condition	Hole Condition
Cloudy	54.0	Damp	Seeping

AFE Number	Total AFE Amount
C12 032063	

Daily Cost	Cum Cost To Date
62,580	322,808

Daily Mud Cost	Mud Additive Cost To Date
1,249	4,938

Depth Start (ftKB)	Depth End (ftKB)
6,629	7,016

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)
6,335	6,722

Target Formation	Target Depth (ftKB)
CR-4	6,974

Daily Contacts

Job Contact	Mobile
Mike Hancock	970-361-3297
Chad D. Beath	866-910-9236

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	355	8 5/8	Pre-Set

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	13:30	7.50	Drilling	Drill with rotary F/6629'-7016/TD, 52 F/Hr Avg, 20-24K WOB, 60 Rpm, 456 Gpm, Mwt 8.45, vis 27
13:30	15:00	1.50	Condition Mud & Circulate	Circulate 2 high vis sweeps to shakers
15:00	21:30	6.50	Trips	TOOH for logs
21:30	22:30	1.00	Directional Work	Lay down directional tools
22:30	03:00	4.50	Wire Line Logs	Hold PJSM with Halliburton Logging, rig up, Run Triple combo log. Loggers depth- 7001', Drillers depth- 7016', rig down
03:00	06:00	3.00	Trips	Trip in hole with 7 7/8" tri-cone bit and bit sub, fill pipe @2500'

Rigs

Contractor	Rig Number
Patterson	779

Mud Pumps

 # 1, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.00

Liner Size (in)	Vol/Stk OR (bbl/stk)
6	0.083

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

 # 2, Continental-Emsco, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.00

Liner Size (in)	Vol/Stk OR (bbl/stk)
6	0.083

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

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
DAP/LSND	08:00	6,800.0	8.50	27	1.0	1.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
			0.0	0	8.6	0.8

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
		99.2	800.000	20.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
		75.0	25.0		405.0

Mud Additive Amounts

Description	Consumed	Daily Cost
DAP	18.0	414.00
Engineer	1.0	375.00
Hi yield gel	21.0	151.20
PHPA	1.0	65.00
Sawdust	25.0	102.50
TAX	57.21	57.21
Walnut - Medium	8.0	83.60

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)

Job Supplies

Diesel Fuel, gal us

Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
6,900.0	5,468.0	

Drill Strings

BHA #1, Steerable

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
1	7 7/8in, FX65, 11963668	0-0-NO-A-X-0-NO-TD	1.18

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
16/16/16/16/16/16	7,016.72	3	75.3

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	Kelly	5 1/4	18.00							
189	DP	4 1/2	5,979.80							
30	HWDP	4 1/2	918.91							
1	Flex Collar	6 1/2	30.74							
1	Gap Sub	6 1/2	5.65							
1	NMDC	6 1/2	31.01							
1	Mud Motor- 7/8 3.3 .16 1.5 Adj	6 1/2	31.61							

Diesel Fuel Consumption

Date	consumed
7/25/2012	
7/26/2012	250.0
7/27/2012	190.0
7/28/2012	408.0
7/29/2012	945.0
7/30/2012	1,079.0
7/31/2012	1,301.0
8/1/2012	730.0
8/2/2012	456.0
8/2/2012	109.0

Berry Daily Drilling Report

Report Date: 8/1/2012
Report #: 7, DFS: 4.5
Depth Progress: 387

Well Name: FEDERAL 8-2D-65

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	6,629.0	7,016.0	6,661.00	7.50	88.50	51.6	456

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
20	60	1,677.0	137,000	204,000	117,000		

Q (g inj) (ft³/...	Motor RPM (rpm)	T (inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...
	72							

Deviation Surveys

All Survey

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
	7/27/2012	All Survey			0.00		

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
6,675.00	2.64	185.77	6,380.92	-1,108.25	1,217.19	1,646.09	0.56
6,770.00	2.42	190.26	6,475.83	-1,112.40	1,216.61	1,648.48	0.31
6,864.00	2.99	181.47	6,569.72	-1,116.80	1,216.20	1,651.17	0.75
6,966.00	2.72	188.67	6,671.59	-1,121.85	1,215.76	1,654.28	0.44
7,016.00	2.72	188.67	6,721.54	-1,124.20	1,215.41	1,655.61	0.00

Berry Daily Drilling Report

Report Date: 8/2/2012
Report #: 8, DFS: 5.5
Depth Progress: 0

Well Name: FEDERAL 8-2D-65

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013507190000	Lt #2 NWNE SECTION 2, T6S-R5W	7/26/2012	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
7/27/2012 6:30:00 PM	8/2/2012 12:00:00 PM	20.00	7,438

Operations at Report Time	Operations Next 24 Hours
Nippling down BOPE, clean pits	Nipple down BOPE, rig down for move, repair carrier, move

Operations Summary
TIH, ream 4 jts to bottom, 15' of fill, circulate. lay down machine delayed because of road construction on Hwy 40, Hold PJSm with Wyoming Casing, rig up lay down machine, lay down drill string. Hold PJSM with Wyoming Casing, run 182 jts. 5 1/2' 15.5# J-55 ST&C casing, break circulation, rig down casers, circulate while rigging up ProPetro Cementers and cement.

Remarks
Fuel on hand- 1541 gals Used 456 gals

Weather	Temperature (°F)	Road Condition	Hole Condition
Cloudy	53.0	Damp	Seeping

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Production	6,996	5 1/2	

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	08:00	2.00	Trips	Trip in hole after logs
08:00	08:30	0.50	Reaming	Ream 4 jts to bottom, 15' of fill
08:30	10:30	2.00	Condition Mud & Circulate	Circulate and condition for lay down, lay down machine delayed by road construction on Hwy 40
10:30	16:30	6.00	LD Drillpipe	Hold PJSM with Wyoming Casing, rig up lay down machine, lay down drill stirng
16:30	02:00	9.50	Run Casing & Cement	Hold PJSM with Wyoming Casing, run 182 joints- 5 1/2" 15.5# J-55 ST&C casing to 6996'. Shoe depth- 6996', Float collar- 6955', had to change out tongs. Land casing mandrel hanger, tighten locking bolts, break circulation through 2-2" hoses from wellhead to flowline.
02:00	03:30	1.50	Condition Mud & Circulate	Circulate, rig down casers.
03:30	06:00	2.50	Run Casing & Cement	Hold PJSM with ProPetro Cementers. Rig up cementing equipment, pressure test to 2000 psi. Pump 20 bbls mud flush, 10 bbls water spacer. Lead 11.0# 3.82 yield 210 sks(142 bbls) 16% gel, 3#sk GR-3, 10#sk Gilsonite, 3% salt, 1/4#sk Flocele. Tail 13.1# 1.7 yield 460 sks(139.2 bbls) 65% G cement, 35% POZ, 6% gel, 10#sk Gilsonite, 2% CDI-33, 2% CFL175, 10% salt, 1/4 sk Flocele. Displace with 146.9 bbls of fresh water and 15 gals of clay mix. FCP=1375 psi, bumped plug at 1880 psi. Floats held. Circulation throuh out job, 40 bbls cement to surface. Rig down cementers

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
DAP/LSND	08:00	7,016.0	8.45	27		1.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
				0	9.0	0.8

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
		99.2	750.000	20.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
		50.0	25.0		320.0

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)

AFE Number	Total AFE Amount
C12 032063	

Daily Cost	Cum Cost To Date
137,296	460,104

Daily Mud Cost	Mud Additive Cost To Date
1,124	6,063

Depth Start (ftKB)	Depth End (ftKB)
7,016	7,016

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)
6,722	6,722

Target Formation	Target Depth (ftKB)
CR-4	6,974

Daily Contacts

Job Contact	Mobile
Mike Hancock	970-361-3297
Chad D. Beath	866-910-9236

Rigs

Contractor	Rig Number
Patterson	779

Mud Pumps

 # 1, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.00

Liner Size (in)	Vol/Stk OR (bbl/stk)
6	0.083

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

 # 2, Continental-Emsco, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.00

Liner Size (in)	Vol/Stk OR (bbl/stk)
6	0.083

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

Mud Additive Amounts

Description	Consumed	Daily Cost
AncoBar	34.0	343.40
Corrosion ring	1.0	200.00
DAP	1.0	23.00
Engineer	1.0	375.00
Hi yield gel	7.0	50.40
TAX	49.03	49.03
Walnut - Medium	8.0	83.60

Job Supplies

Diesel Fuel, gal us

Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
6,900.0	5,468.0	

Diesel Fuel Consumption

Date	consumed
7/25/2012	
7/26/2012	250.0
7/27/2012	190.0
7/28/2012	408.0
7/29/2012	945.0
7/30/2012	1,079.0
7/31/2012	1,301.0
8/1/2012	730.0
8/2/2012	456.0
8/2/2012	109.0

Berry Daily Drilling Report

Report Date: 8/3/2012
Report #: 9, DFS: 5.7
Depth Progress: 0

Well Name: FEDERAL 8-2D-65

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013507190000	Lt #2 NWNE SECTION 2, T6S-R5W	7/26/2012	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
7/27/2012 6:30:00 PM	8/2/2012 12:00:00 PM	20.00	7,438

Operations at Report Time	Operations Next 24 Hours
Release Rig	Work on rig, rig down and move to Federal 1-1D-65

Operations Summary: Nipple down BOPE, clean pits

Remarks: Fuel on hand- 1432 gals Used- 109 gals

Weather	Temperature (°F)	Road Condition	Hole Condition
Cloudy	85.0	dry	

AFE Number	Total AFE Amount
C12 032063	

Daily Cost	Cum Cost To Date
6,538	466,642

Daily Mud Cost	Mud Additive Cost To Date
	6,063

Depth Start (ftKB)	Depth End (ftKB)
7,016	7,016

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)
6,722	6,722

Target Formation	Target Depth (ftKB)
CR-4	6,974

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Production	6,996	5 1/2	

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	12:00	6.00	NU/ND BOP	Nipple down BOPE, Clean pits, Release rig @12:00 pm on 8/2/2012

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...

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft (ft)	min gpm (gpm)	max gpm (gpm)	SN

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq

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

Deviation Surveys

All Survey

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
	7/27/2012	All Survey			0.00		

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
7,016.00	2.72	188.67	6,721.54	-1,124.20	1,215.41	1,655.61	0.00

Daily Contacts

Job Contact	Mobile
Mike Hancock	970-361-3297
Chad D. Beath	866-910-9236

Rigs

Contractor	Rig Number
Patterson	779

Mud Pumps

1, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.00

Liner Size (in)	Vol/Stk OR (bbl/stk)
6	0.083

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

2, Continental-Emsco, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.00

Liner Size (in)	Vol/Stk OR (bbl/stk)
6	0.083

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

Mud Additive Amounts

Description	Consumed	Daily Cost

Job Supplies

Diesel Fuel, gal us

Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
6,900.0	5,468.0	

Diesel Fuel Consumption

Date	consumed
7/25/2012	
7/26/2012	250.0
7/27/2012	190.0
7/28/2012	408.0
7/29/2012	945.0
7/30/2012	1,079.0
7/31/2012	1,301.0
8/1/2012	730.0
8/2/2012	456.0
8/2/2012	109.0

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: 722-1325

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301350719	FEDERAL 8-2D-65		NWNE	2	6S	5W	DUCHESNE
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
A	99999	18614	7/18/2012			7.18.2012	

Comments: SPUD BY LEON ROSS DRILLING
GR.WS BHL: SENE

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)

RECEIVED
JUL 18 2012
Div. of Oil, Gas & Mining

KATHY K FIELDSTED
Name (Please Print)
Kathy K Fieldsted
Signature
SR REG & PERMITTING
Title
7/18/2012
Date

(5/2000)

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU77326

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:
FEDERAL 8-2D-65

2. NAME OF OPERATOR:
BERRY PETROLEUM COMPANY

9. API NUMBER:
43013507190000

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:
BRUNDAGE CANYON

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0633 FNL 2124 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWNE Section: 02 Township: 06.0S Range: 05.0W 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:
- ☐ SUBSEQUENT REPORT
  Date of Work Completion:
- ☐ SPUD REPORT
  Date of Spud:
- ✓ DRILLING REPORT
  Report Date:
  8/31/2012

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.

PLEASE NOTE THAT THE FEDERAL 8-2D-65 WENT TO SALES ON AUGUST 31, 2012.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
September 06, 2012

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

SIGNATURE	DATE
N/A	9/6/2012

RECEIVED: Sep. 06, 2012

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU77326

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:
FEDERAL 8-2D-65

2. NAME OF OPERATOR:
BERRY PETROLEUM COMPANY

9. API NUMBER:
43013507190000

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:
BRUNDAGE CANYON

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0633 FNL 2124 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWNE Section: 02 Township: 06.0S Range: 05.0W 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:	☐ 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: 8/23/2012	☐ 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 FEDERAL 8-2D-65.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
September 12, 2012

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

SIGNATURE	DATE
N/A	9/6/2012

RECEIVED: Sep. 06, 2012

Berry Daily Completion and Workover - Internal

Report # 1, Report Date: 8/14/2012

Well Name: FEDERAL 8-2D-65

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013507190000	Lt #2 NWNE SECTION 2, T6S-R5W	7/27/2012 6:30:00 PM	Ashley Forest	Utah

Well Configuration Type	Original KB Elevation (ftKB)	KB-Ground Distance (ft)	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB)	PBTD (All) (ftKB)
Deviated	7,458	20.00		7,438	

Primary Job Type	Secondary Job Type
Initial Completion	

Objective

Contractor	Rig Number
Royal	2

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C12 032063		8,550	8,550

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	05:00	5.00	GOP	General Operations	PREP PAD. (8/13) PIONEER RUN CBL. R/U PRODUCTION EQUIPMENT. R/U FRAC EQUIPMENT & WIRE LINE. FILL & HEAT 17 TANKS (2 TANKS WITH 20% KCL). SET MANIFOLDS ON TANKS. PRESSURE TEST FRAC TREE & CASING, HELD.
05:00	05:00		PFRT	Perforating	PERFORATE STG #1 IN THE WASATCH FROM 6,626- 6,845' @ 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. (8/13). 6,626'-27', 6,637'-38', 6,642'-43', 6,657'-58', 6,688'-90', 6,705'-06', 6,728'-29', 6,747'-48', 6,771'-72', 6,778'-79', 6,784'-85', 6,794'-95', 6,827'-28', 6,836'-37', AND 6,844'-45'.
05:00	05:00		FRAC	Frac. Job	MAVERICK.TEST LINES AND FRAC STG #1 WELL OPEN @ 40 PSI BROKE DOWN 5.0 BPM @ 2,960 MAX R @ 65.2 BPM MAX PSI @ 4,260 AVG RATE @ 48.2 BPM AVG PSI @ 3,727 TOTAL FLUID OF 1,467 BBL ISDP 2,510 FINAL FRAC GRADIENT .82 100,000 LBS OF 20/40 OTTAWA
05:00	05:00		PFRT	Perforating	SET CFP @ 6,615'. PERFORATE STG #2 IN THE WASATCH FROM 6,370'- 6,603' @ 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. 6,370'-72', 6,388'-90', 6,413'-14', 6,494'-95', 6,516'-17', 6,545'-46', 6,553'-54', 6,562'-63', 6,593'-94', AND 6,602'-03'. LEAVE WELL S.I.
05:00	05:00		PFRT	Perforating	

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	1,200	ICC-CONTRACTSUPERVISION
152	2345	ICC	7,350	ICC-PERFORATING

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

Report # 2, Report Date: 8/15/2012

Well Name: FEDERAL 8-2D-65

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013507190000	Lt #2 NWNE SECTION 2, T6S-R5W	7/27/2012 6:30:00 PM	Ashley Forest	Utah

Well Configuration Type	Original KB Elevation (ftKB)	KB-Ground Distance (ft)	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB)	PBTD (All) (ftKB)
Deviated	7,458	20.00		7,438	

Primary Job Type	Secondary Job Type
Initial Completion	

Objective

Contractor	Rig Number
Royal	2

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C12 032063		1,200	9,750

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	FRAC	Frac. Job	MAVERICK.TEST LINES AND FRAC STG #2 WELL OPEN @ 750 PSI BROKE DOWN 5.0 BPM @ 3,490 MAX R @ 70.5 BPM MAX PSI @ 4,990 AVG RATE @ 46.1 BPM AVG PSI @ 3,059 TOTAL FLUID OF 1,505 BBL ISDP 889 FINAL FRAC GRADIENT .57 100,000 LBS OF 20/40 OTTAWA
12:00	12:00		PFRT	Perforating	SET CFP @ 6,358'. PERFORATE STG #3 IN THE WASATCH FROM 6,173'- 6,346' @ 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. 6,173'-74', 6,192'-94', 6,207'-08', 6,228'-29', 6,246'-47', 6,253'-54', 6,267'-68', 6,283'-84', 6,289'-90', 6,299'-00', 6,325'-26', 6,331'-32', AND 6,345'-46'. **DROP PROPOSED SHOT @ 6,163'-64' DUE TO CFP PLACEMENT WOULD HAVE BEEN IN A CASING COLLAR.**
12:00	12:00		FRAC	Frac. Job	MAVERICK.TEST LINES AND FRAC STG #3 WELL OPEN @ 480 PSI BROKE DOWN 5.0 BPM @ 2,090 MAX R @ 70.6 BPM MAX PSI @ 4,242 AVG RATE @ 69.4 BPM AVG PSI @ 2,825 TOTAL FLUID OF 1,469 BBL ISDP 1,040 FINAL FRAC GRADIENT .60 100,000 LBS OF 20/40 OTTAWA
12:00	12:00		PFRT	Perforating	SET CFP @ 6,165'. PERFORATE STG #4 IN THE UTELAND BUTTE FROM 5,978'-6,148' @ 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. 46 TOTAL HOLES. 5,978'-80', 6,001'-04', 6,016'-17', 6,030'-31', 6,039'-42', 6,049'-50', 6,058'-59', 6,066'-67', 6,080'-82', 6,087'-88', 6,096'-97', 6,104'-05', 6,112'-13', 6,124'-25', 6,134'-36', AND 6,147'-48'.
12:00	12:00		FRAC	Frac. Job	MAVERICK.TEST LINES AND FRAC STG #4 WELL OPEN @ 570 PSI BROKE DOWN 5.0 BPM @ 3,350 MAX R @ 70.7 BPM MAX PSI @ 3,587 AVG RATE @ 69.9 BPM AVG PSI @ 2,647 TOTAL FLUID OF 1,455 BBL ISDP 1,602 FINAL FRAC GRADIENT .69 75,000 LBS OF 20/40 OTTAWA

Berry Daily Completion and Workover - Internal

Report # 2, Report Date: 8/15/2012

Well Name: FEDERAL 8-2D-65

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013507190000	Lt #2 NWNE SECTION 2, T6S-R5W	7/27/2012 6:30:00 PM	Ashley Forest	Utah

Well Configuration Type	Original KB Elevation (ftKB)	KB-Ground Distance (ft)	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB)	PBTD (All) (ftKB)
Deviated	7,458	20.00		7,438	

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
12:00	12:00		PFRT	Perforating	SET CFP @ 5,960'. PERFORATE STG #5 IN THE CASTLE PEAK FROM 5,767'-5,943' @ 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. 30 TOTAL HOLES. 5,767'-68', 5,772'-73', 5,781'-82', 5,800'-01', 5,807'-08', 5,816'-17', 5,823'-24', 5,841'-42', 5,851'-52', 5,860'-61', 5,870'-71', 5,882'-83', 5,888'-89', 5,906'-07', AND 5,942'-43'.
12:00	12:00		FRAC	Frac. Job	MAVERICK.TEST LINES AND FRAC STG #5 WELL OPEN @ 950 PSI BROKE DOWN 5.0 BPM @ 2,090 MAX R @ 72.2 BPM MAX PSI @ 4,065 AVG RATE @ 70.1 BPM AVG PSI @ 3,177 TOTAL FLUID OF 898 BBL ISDP 1,039 FINAL FRAC GRADIENT .61 60,000 LBS OF 16/30 TEXAS GOLD
12:00	12:00		PFRT	Perforating	SET CFP @ 5,745'. PERFORATE STG #6 IN THE CASTLE PEAK FROM 5,523'-5,724' @ 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. 5,523'-24', 5,530'-32', 5,562'-63', 5,573'-74', 5,610'-12', 5,628'-29', 5,643'-44', 5,660'-61', 5,668'-69', 5,685'-86', 5,691'-92', 5,699'-00', 5,717'-18', AND 5,723'-24'.
12:00	12:00		FRAC	Frac. Job	MAVERICK.TEST LINES AND FRAC STG #6 WELL OPEN @ 720 PSI BROKE DOWN 5.0 BPM @ 3,170 MAX R @ 70.2 BPM MAX PSI @ 3,430 AVG RATE @ 69.1 BPM AVG PSI @ 2,529 TOTAL FLUID OF 916 BBL ISDP 1,110 FINAL FRAC GRADIENT .63 60,000 LBS OF 16/30 TEXAS GOLD
12:00	12:00		PFRT	Perforating	SET CFP @ 5,300'. PERFORATE STG #7 IN THE CASTLE PEAK FROM 5,072'-5,206' @ 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. 20 TOTAL HOLES. 5,072'-76', 5,080'-82', 5,195'-97', AND 5,204'-06'. LEAVE WELL S.I.
12:00	12:00		FRAC	Frac. Job	
12:00	12:00		PFRT	Perforating	
12:00	12:00		FRAC	Frac. Job	
12:00	12:00		GOP	General Operations	

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	1,200	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

Berry Daily Completion and Workover - Internal

Report # 3, Report Date: 8/16/2012

Well Name: FEDERAL 8-2D-65

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013507190000	Lt #2 NWNE SECTION 2, T6S-R5W	7/27/2012 6:30:00 PM	Ashley Forest	Utah

Well Configuration Type	Original KB Elevation (ftKB)	KB-Ground Distance (ft)	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB)	PBTD (All) (ftKB)
Deviated	7,458	20.00		7,438	

Primary Job Type	Secondary Job Type
Initial Completion	

Objective

Contractor	Rig Number
Royal	2

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C12 032063		407,970	417,720

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	06:00	6.00	FRAC	Frac. Job	MAVERICK.TEST LINES AND FRAC STG #7 WELL OPEN @ 340 PSI BROKE DOWN 4.7 BPM @ 2,920 MAX R @ 60.0 BPM MAX PSI @ 3,620 AVG RATE @ 59.0 BPM AVG PSI @ 2,556 TOTAL FLUID OF 711 BBL ISDP 1,420 FINAL FRAC GRADIENT .71 50,000 LBS OF 16/30 TEXAS GOLD
06:00	06:00		PFRT	Perforating	SET CFP @ 5,000'. PERFORATE STG #8 IN THE CASTLE PEAK FROM 4,818'-4,913' @ 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. 18 TOTAL HOLES. 4,818'-24' AND 4,910'-13'.
06:00	06:00		FRAC	Frac. Job	MAVERICK.TEST LINES AND FRAC STG #8 WELL OPEN @ 860 PSI BROKE DOWN 4.9 BPM @ 2,180 MAX R @ 50.0 BPM MAX PSI @ 3,950 AVG RATE @ 50.0 BPM AVG PSI @ 2,380 TOTAL FLUID OF 658 BBL ISDP 1,410 FINAL FRAC GRADIENT .73 40,000 LBS OF 16/30 TEXAS GOLD
06:00	06:00		GOP	General Operations	R/D PIONEER WIRE LINE & MAVERICK/BASIC. LEAVE WELL S.I. TOTAL FLUID 9,089 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	2125	ICC	1,200	ICC-CONTRACTSUPERVISION
152	2345	ICC	28,510	ICC-PERFORATING
152	2360	ICC	378,260	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

Berry Daily Completion and Workover - Internal

Report # 4, Report Date: 8/21/2012

Well Name: FEDERAL 8-2D-65

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013507190000	Lt #2 NWNE SECTION 2, T6S-R5W	7/27/2012 6:30:00 PM	Ashley Forest	Utah

Well Configuration Type	Original KB Elevation (ftKB)	KB-Ground Distance (ft)	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB)	PBTD (All) (ftKB)
Deviated	7,458	20.00		7,438	

Primary Job Type	Secondary Job Type
Initial Completion	

Objective

Contractor	Rig Number
Royal	2

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C12 032063		50,010	467,730

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 Royal #2. ND frac valve. NU BOP. RIH w/ 4 3/4' bit, bit sub & new 2 7/8" tbg. from pipe trailer (tallying & drifting). Tag fill 4978'. RU powerswivel & pump. C/O to CBP @ 5000'. DU CBP in 6 min. Cont. RIH w/ tbg. Tag fill @ 5245'. C/O to CBP @ 5300'. DU CBP in 7 min. Cont. RIH w/ tbg. Tag fill @ 5693'. C/O to CBP @ 5745'. DU CBP in 3 min. Cont RIH w/ tbg. Tag fill @ 5947'. C/O to CBP @ 5960'. DU CBP in 50 min. Cont. RIH w/ tbg. Tag fill @ 6136'. C/O to CBP @ 6165'. DU CBP in 8 min. Circulate well clean. Pull up to 4722'. 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	12,650	ICC-RIGCOST-COMPLETION
154	3530	TCC	36,310	TCC-TUBING & ATTACHMENTS
152	2375	ICC	1,050	ICC-LOCATIONCONSTRUCTION

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 # 5, Report Date: 8/22/2012

Well Name: FEDERAL 8-2D-65

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013507190000	Lt #2 NWNE SECTION 2, T6S-R5W	7/27/2012 6:30:00 PM	Ashley Forest	Utah

Well Configuration Type	Original KB Elevation (ftKB)	KB-Ground Distance (ft)	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB)	PBTD (All) (ftKB)
Deviated	7,458	20.00		7,438	

Primary Job Type	Secondary Job Type
Initial Completion	

Objective

Contractor	Rig Number
Royal	2

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C12 032063		8,154	475,884

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. RIH w/ tbg. Tag fill @ 6335'. C/O to CBP @ 6358'. DU CBP in 5 min. Cont. RIH w/ tbg. Tag fill @ 6603'. C/O to CBP @ 6615'. DU CBP in 7 min. Cont. RIH w/ tbg. Tag 6850'. C/O to PBTD @ 6951'. Circulate well clean. POOH w/ tbg. LD BHA. RIH w/ 1 jt 2 7/8" tbg., PSN, 1 jt 2 7/8" tbg., TAC, 208 jts 2 7/8" tbg. ND BOP. Set TAC @ 6818' w/ 9,000# tension. NU wellhead. X-over for rods. RIH w/ partial rod string. 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	2106	ICC	500	ICC-WATER&WATERHAULING
152	2111	ICC	700	ICC-TRUCKING&HAULING
152	2305	ICC	6,454	ICC-RIGCOST-COMPLETION
152	2380	ICC	500	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 # 6, Report Date: 8/23/2012

Well Name: FEDERAL 8-2D-65

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013507190000	Lt #2 NWNE SECTION 2, T6S-R5W	7/27/2012 6:30:00 PM	Ashley Forest	Utah

Well Configuration Type	Original KB Elevation (ftKB)	KB-Ground Distance (ft)	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB)	PBTD (All) (ftKB)
Deviated	7,458	20.00		7,438	

Primary Job Type	Secondary Job Type
Initial Completion	

Objective

Contractor	Rig Number
Royal	2

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C12 032063		817,632	1,293,516

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. Cont. RIH w/ rods. Seat pump. Fill tbg. w/ 8 bbls water. Stroke test to 500 psi. Good pump action. RU pumping unit. Hang off rods. RD. PWOP @ 11:30 a.m. Final Report. 9314 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	2106	ICC	33,000	ICC-WATER&WATERHAULING
152	2111	ICC	9,500	ICC-TRUCKING&HAULING
152	2305	ICC	2,640	ICC-RIGCOST-COMPLETION
152	2380	ICC	13,600	ICC-SURFACE RENTALS
152	2340	ICC	29,000	ICC-HOT OILING
154	3535	TCC	38,250	TCC-SUCKER ROD, PUMPS, SINKER BARS
			466,642	
			225,000	

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 17 2012
DIV. OF OIL, GAS & MINING

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: UTU77326

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER: FEDERAL 8-2D-65

9. API NUMBER: 4301350719

10 FIELD AND POOL, OR WILDCAT: BRUNDAGE 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: 633 FNL 2124 FEL
AT TOP PRODUCING INTERVAL REPORTED BELOW: 1575 FNL 1062 FEL SENE
AT TOTAL DEPTH: ~~1740~~ 1759 FNL ~~914~~ 909 FEL SENE BHL by HSM

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 2 6S 5W U

12. COUNTY: DUCHESNE

13. STATE: UTAH

14. DATE SPUDDED: 7/18/2012

15. DATE T.D. REACHED: 8/3/2012

16. DATE COMPLETED: 8/23/2012 ABANDONED ☐ READY TO PRODUCE ☑

17. ELEVATIONS (DF, RKB, RT, GL): 7438 GL

18. TOTAL DEPTH: MD 7,016 TVD 6721

19. PLUG BACK T.D.: MD 6,951 TVD 6656

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
12.25	8.625 J-55	24	0	355		G 225			
7.875	5.5 J-55	15.5	0	6,996		G 670		275	

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	6,888							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) WASATCH	6,173	6,845		
(B) UTELAND BUTTE	5,978	6,148		
(C) CASTLE PEAK	5,523	5,943		
(D) 3 POINT	5,072	5,206		

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)		SIZE	NO. HOLES	PERFORATION STATUS
6,173	6,845	.42	84	Open ☑ Squeezed ☐
5,978	6,148	.42	46	Open ☑ Squeezed ☐
5,523	5,943	.42	62	Open ☑ Squeezed ☐
5,072	5,206	.42	20	Open ☑ Squeezed ☐

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
6173 TO 6845	FRAC W/ 300,000 LBS SAND & 4441 BBLS FLUID
5978 TO 6148	FRAC W/ 75,000 LBS SAND & 1455 BBLS FLUID
5523 TO 5943	FRAC W/ 120,000 LBS SAND & 1814 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)

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:
8/31/2012		9/9/2012		24			70	0	62	PUMPING
CHOKE SIZE:	TBG. PRESS. 275	CSG. PRESS. 30	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)	2,033
MAHOGANY	2,812
TGR3	3,829
DOUGLAS CREEK	4,625
BLACK SHALE	5,240
CASTLE PEAK	5,683
UTELAND BUTTE	5,975
WASATCH	6,166

35. ADDITIONAL REMARKS (Include plugging procedure)

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 Tech

SIGNATURE Kathy K. Fieldsted DATE 10/16/2012

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

(5/2000)

FEDERAL 8-2D-65 API# 4301350719

26. Producing Intervals			27. Perforation Record
	Top	Bottom	
(E) Douglas Creek	4818	4913	4818-4913 .42 18 holes Open

28. Depth Interval	Amount and Type of Material
5072 TO 5206	FRAC W/50,000 LBS SAND & 711 BBLS FLUID
4818 TO 4913	FRAC W/40,000 LBS SAND & 658 BBLS FLUID

Sharewell
Energy Services

Survey Certification Sheet

Report Date: 8-27-12

Sharewell Job #: 20120723 / Directional

Operator: Berry Petroleum Co.
Well Name: Federal 8-2D-65
API#: 43-013-50719
County/State: Duchesne Co., UT
Well SHL: 633' FNL & 2124' FEL (NWNE) Sec.2-T6S-R5W
Well SHL: 39° 59' 39.555" N (NAD27)
110° 24' 45.547" W (NAD27)

Drilling Rig Contractor: Patterson 779 (RKB: 20')

Surveyed Dates: 7/27/12-7/31/12
Surveyed from a depth of: OH: 396.00' MD to 6966.00' 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 Sharewell Energy Services. 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

Sharewell Energy Services - Well Planner

PO Box 2379 • MILLS, WY 82644 • 158 PROGRESS CIRCLE UNIT B • MILLS, WY 82644
OFFICE 307.337.2290

Project: Duchesne Co., UT (UT27C)
Site: Sec.2-T6S-R5W
Well: Federal 8-2D-65
Wellbore: Wellbore #1
Design: Design #4
Latitude: 39° 59' 39.555 N
Longitude: 110° 24' 45.547 W
Ground Level: 7438.00
WELL @ 7458.00usft

Sharewell Energy Services

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 Federal 8-2D-65, True North
Vertical (TVD) Reference: WELL @ 7458.00usft
Section (VS) Reference: Slot - (0.00N, 0.00E)
Measured Depth Reference: WELL @ 7458.00usft
Calculation Method: Minimum Curvature

WELL DETAILS: Federal 8-2D-65

Ground Level: 7438.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	606828.390	2304630.774	39° 59' 39.555 N	110° 24' 45.547 W	

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

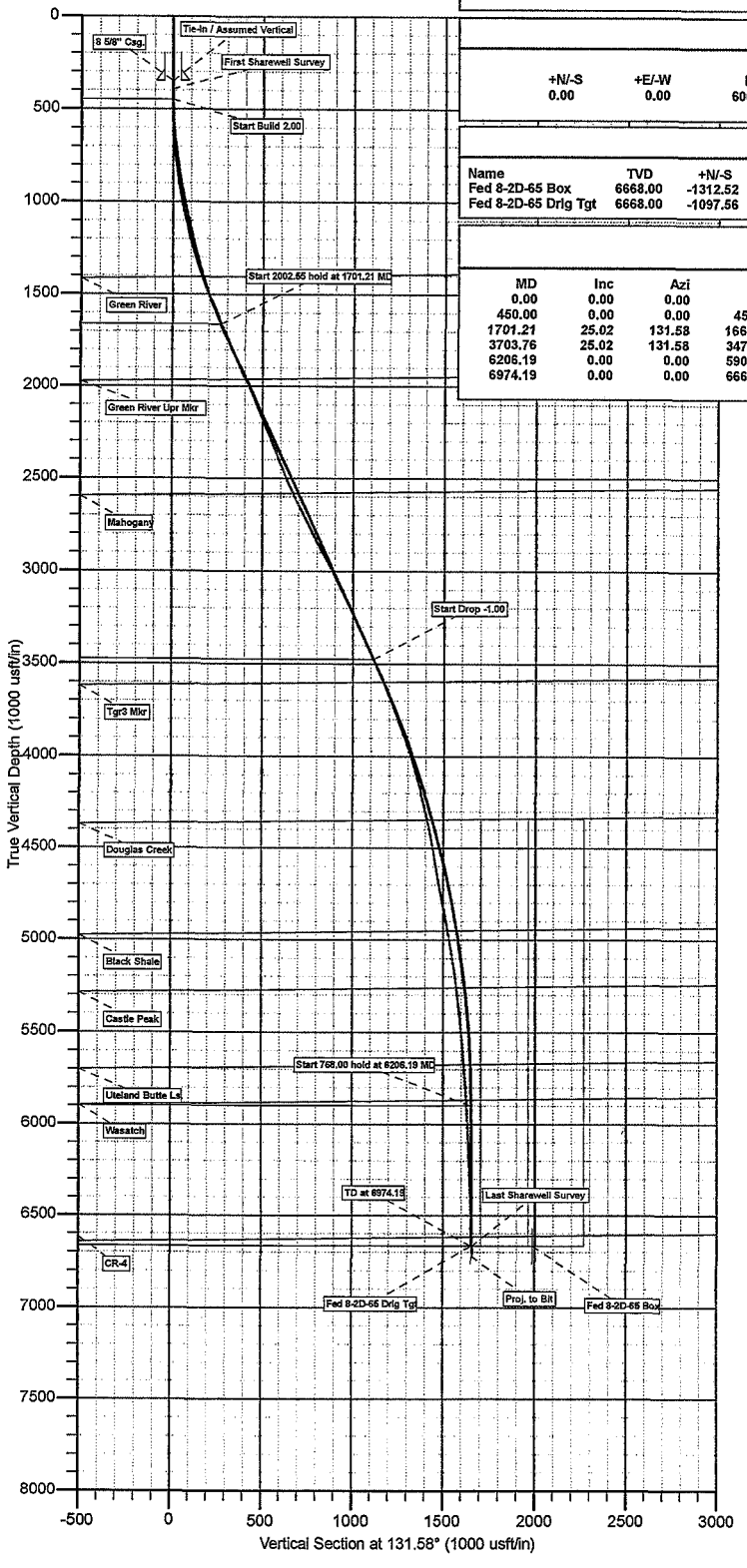
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
Fed 8-2D-65 Box	6668.00	-1312.52	1493.27	605534.124	2306139.890	39° 59' 26.583 N	110° 24' 26.360 W	Polygon
Fed 8-2D-65 Drlg Tgt	6668.00	-1097.56	1237.16	605745.955	2305881.185	39° 59' 28.707 N	110° 24' 29.651 W	Circle (Radius: 100.00)

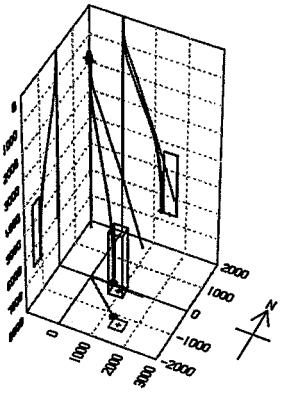
SECTION DETAILS

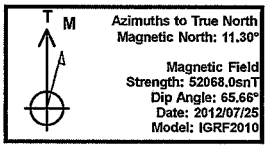
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
450.00	0.00	0.00	450.00	0.00	0.00	0.00	0.00	0.00	Start Build 2.00
1701.21	25.02	131.58	1661.81	-178.47	201.17	2.00	131.58	268.92	Start 2002.55 hold at 1701.21 MD
3703.76	25.02	131.58	3476.38	-740.63	834.83	0.00	0.00	1116.00	Start Drop -1.00
6206.19	0.00	0.00	5900.00	-1097.56	1237.16	1.00	180.00	1653.84	Start 768.00 hold at 6206.19 MD
6974.19	0.00	0.00	6668.00	-1097.56	1237.16	0.00	0.00	1653.84	TD at 6974.19

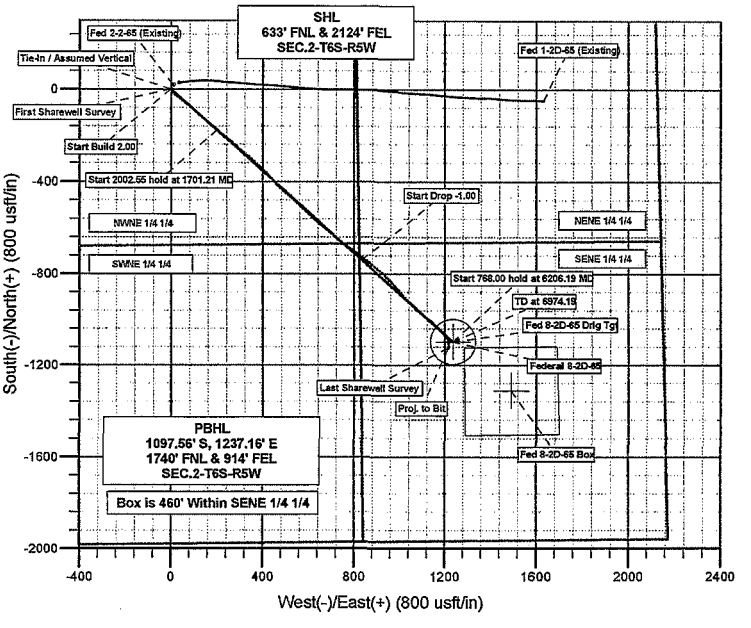
FORMATION TOP DETAILS

TVDPath	MDPath	Formation
1406.02	1424.72	Green River
1963.07	2033.68	Green River Upr Mkr
2582.58	2717.37	Mahogany
3598.89	3838.24	Tgr3 Mkr
4345.67	4632.13	Douglas Creek
4951.04	5252.83	Black Shale
5260.51	5565.36	Castle Peak
5674.14	5980.26	Uteland Butte Ls.
5868.08	6174.27	Wasatch
6618.08	6924.27	CR-4









Plan: Design #4 (Federal 8-2D-65/Wellbore #1)

Created By: Bret Wolford Date: 14:03, August 27 2012

Berry Petroleum Company

Duchesne Co., UT (UT27C)
Sec.2-T6S-R5W
Federal 8-2D-65

Wellbore #1

Survey: Survey #1

Standard Survey Report

27 August, 2012

Sharewell
Energy Services

Sharewell Energy Services

Survey Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well Federal 8-2D-65
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 7458.00usft
Site:	Sec.2-T6S-R5W	**MD Reference:**	WELL @ 7458.00usft
Well:	Federal 8-2D-65	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 5000.1 Single User Db

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.2-T6S-R5W

Site Position:		**Northing:**	604,367.187 usft	**Latitude:**	39° 59' 15.227 N
From:	Lat/Long	**Easting:**	2,304,673.866 usft	**Longitude:**	110° 24' 45.378 W
Position Uncertainty:	0.00 usft	**Slot Radius:**	13-3/16"	**Grid Convergence:**	0.70 °

Well Federal 8-2D-65

Well Position	**+N/-S**	0.00 usft	**Northing:**	606,828.390 usft	**Latitude:**	39° 59' 39.555 N
	+E/-W	0.00 usft	**Easting:**	2,304,630.774 usft	**Longitude:**	110° 24' 45.547 W
Position Uncertainty		0.00 usft	**Wellhead Elevation:**	usft	**Ground Level:**	7,438.00 usft

Wellbore Wellbore #1

Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2010	2012/07/25	11.30	65.66	52,068

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	131.58

Survey Program **Date** 2012/08/27

From (usft)	**To (usft)**	**Survey (Wellbore)**	**Tool Name**	**Description**
355.00	7,016.00	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
Tie-In / Assumed Vertical									
355.00	0.00	0.00	355.00	0.00	0.00	0.00	0.00	0.00	0.00
First Sharewell Survey									
396.00	0.79	260.30	396.00	-0.05	-0.28	-0.18	1.93	1.93	0.00
488.00	2.11	170.74	487.97	-1.83	-0.63	0.74	2.44	1.43	-97.35
581.00	4.66	159.32	580.81	-7.05	0.98	5.41	2.82	2.74	-12.28
673.00	6.72	144.82	672.35	-14.95	5.40	13.96	2.71	2.24	-15.76
764.00	7.60	127.41	762.65	-22.96	13.25	25.15	2.56	0.97	-19.13
855.00	9.76	121.35	852.61	-30.63	24.62	38.74	2.57	2.37	-6.66
948.00	11.56	126.01	944.00	-40.21	38.89	55.77	2.14	1.94	5.01
1,040.00	11.60	133.39	1,034.13	-51.98	53.07	74.19	1.61	0.04	8.02
1,135.00	13.23	130.23	1,126.91	-65.57	68.31	94.61	1.86	1.72	-3.33

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well Federal 8-2D-65
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 7458.00usft
Site:	Sec.2-T6S-R5W	**MD Reference:**	WELL @ 7458.00usft
Well:	Federal 8-2D-65	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 5000.1 Single User Db

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)
1,230.00	14.55	128.03	1,219.13	-79.94	86.01	117.39	1.50	1.39	-2.32
1,324.00	15.25	128.91	1,309.97	-94.98	104.93	141.52	0.78	0.74	0.94
1,419.00	17.09	131.02	1,401.21	-111.99	125.19	167.97	2.03	1.94	2.22
1,514.00	21.49	130.49	1,490.85	-132.46	148.96	199.34	4.64	4.63	-0.56
1,609.00	23.51	129.96	1,578.62	-155.93	176.72	235.68	2.14	2.13	-0.56
1,703.00	25.14	130.58	1,664.27	-180.96	206.26	274.39	1.76	1.73	0.66
1,798.00	22.85	130.23	1,751.05	-206.01	235.67	313.01	2.42	-2.41	-0.37
1,893.00	22.28	131.63	1,838.78	-229.88	263.22	349.46	0.82	-0.60	1.47
1,988.00	23.51	130.14	1,926.29	-254.06	291.16	386.41	1.43	1.29	-1.57
2,083.00	24.04	129.70	2,013.23	-278.64	320.54	424.69	0.59	0.56	-0.46
2,177.00	24.83	129.96	2,098.81	-303.54	350.40	463.56	0.85	0.84	0.28
2,272.00	24.04	132.42	2,185.30	-329.41	379.97	502.85	1.36	-0.83	2.59
2,367.00	21.49	135.15	2,272.90	-354.80	406.53	539.57	2.90	-2.68	2.87
2,461.00	22.63	136.64	2,360.02	-380.16	431.09	574.77	1.35	1.21	1.59
2,556.00	21.75	139.19	2,447.98	-406.77	455.15	610.42	1.37	-0.93	2.68
2,651.00	23.38	131.63	2,535.73	-432.62	480.75	646.73	3.50	1.72	-7.96
2,746.00	26.67	129.96	2,621.80	-458.85	511.19	686.90	3.54	3.46	-1.76
2,840.00	27.69	132.60	2,705.42	-487.18	543.44	729.83	1.68	1.09	2.81
2,936.00	27.47	133.39	2,790.51	-517.49	575.94	774.26	0.44	-0.23	0.82
3,031.00	27.99	131.54	2,874.60	-547.32	608.55	818.46	1.06	0.55	-1.95
3,126.00	27.60	131.02	2,958.64	-576.55	641.84	862.75	0.48	-0.41	-0.55
3,221.00	27.47	130.31	3,042.88	-605.17	675.16	906.67	0.37	-0.14	-0.75
3,319.00	26.89	129.08	3,130.06	-633.76	709.60	951.40	0.82	-0.59	-1.26
3,414.00	26.45	127.33	3,214.95	-660.14	743.10	993.97	0.95	-0.46	-1.84
3,509.00	25.22	126.45	3,300.45	-684.99	776.20	1,035.23	1.36	-1.29	-0.93
3,604.00	24.39	125.04	3,386.69	-708.28	808.54	1,074.87	1.07	-0.87	-1.48
3,699.00	24.39	128.64	3,473.22	-731.79	839.92	1,113.95	1.56	0.00	3.79
3,794.00	23.38	127.68	3,560.08	-755.56	870.16	1,152.35	1.14	-1.06	-1.01
3,888.00	22.32	127.15	3,646.70	-777.74	899.15	1,188.75	1.15	-1.13	-0.56
4,015.00	21.53	134.62	3,764.54	-808.68	934.97	1,236.08	2.28	-0.62	5.88
4,110.00	19.47	134.88	3,853.52	-832.10	958.60	1,269.30	2.17	-2.17	0.27
4,204.00	18.28	138.75	3,942.47	-854.24	979.42	1,299.56	1.84	-1.27	4.12
4,299.00	16.96	139.01	4,033.01	-875.90	998.33	1,328.09	1.39	-1.39	0.27
4,395.00	15.47	137.96	4,125.19	-895.98	1,016.09	1,354.70	1.58	-1.55	-1.09
4,490.00	14.55	133.21	4,216.95	-913.56	1,033.28	1,379.22	1.62	-0.97	-5.00
4,585.00	12.96	132.16	4,309.22	-928.88	1,049.87	1,401.80	1.69	-1.67	-1.11
4,680.00	11.78	131.02	4,402.01	-942.40	1,065.08	1,422.15	1.27	-1.24	-1.20
4,775.00	10.50	131.19	4,495.22	-954.46	1,078.92	1,440.50	1.35	-1.35	0.18
4,870.00	9.49	131.46	4,588.78	-965.35	1,091.30	1,456.99	1.06	-1.06	0.28
4,965.00	9.27	131.19	4,682.51	-975.57	1,102.93	1,472.47	0.24	-0.23	-0.28
5,060.00	10.77	132.60	4,776.06	-986.62	1,115.22	1,489.00	1.60	1.58	1.48
5,155.00	10.46	131.72	4,869.43	-998.37	1,128.19	1,506.50	0.37	-0.33	-0.93
5,250.00	11.38	131.46	4,962.71	-1,010.31	1,141.65	1,524.50	0.97	0.97	-0.27
5,345.00	9.98	131.54	5,056.06	-1,021.98	1,154.84	1,542.10	1.47	-1.47	0.08
5,440.00	8.61	130.84	5,149.81	-1,032.09	1,166.38	1,557.45	1.45	-1.44	-0.74
5,534.00	7.38	132.34	5,242.90	-1,040.75	1,176.16	1,570.52	1.33	-1.31	1.60
5,630.00	6.42	139.28	5,338.20	-1,048.97	1,184.22	1,582.00	1.32	-1.00	7.23
5,819.00	5.32	141.83	5,526.21	-1,063.87	1,196.53	1,601.10	0.60	-0.58	1.35
5,915.00	4.70	143.57	5,621.84	-1,070.54	1,201.62	1,609.32	0.66	-0.65	1.81
6,009.00	4.13	146.93	5,715.56	-1,076.47	1,205.75	1,616.35	0.67	-0.61	3.57
6,104.00	3.30	150.88	5,810.36	-1,081.73	1,208.95	1,622.23	0.91	-0.87	4.16
6,199.00	3.16	155.45	5,905.21	-1,086.50	1,211.37	1,627.21	0.31	-0.15	4.81
6,294.00	3.34	154.14	6,000.06	-1,091.37	1,213.66	1,632.16	0.20	0.19	-1.38
6,389.00	3.30	167.49	6,094.90	-1,096.53	1,215.46	1,636.93	0.81	-0.04	14.05

Sharewell Energy Services

Survey Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well Federal 8-2D-65
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 7458.00usft
Site:	Sec.2-T6S-R5W	**MD Reference:**	WELL @ 7458.00usft
Well:	Federal 8-2D-65	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 5000.1 Single User Db

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)
6,484.00	2.42	171.36	6,189.78	-1,101.18	1,216.36	1,640.68	0.95	-0.93	4.07
6,579.00	2.77	174.79	6,284.68	-1,105.45	1,216.87	1,643.90	0.40	0.37	3.61
6,675.00	2.64	185.77	6,380.58	-1,109.96	1,216.85	1,646.88	0.56	-0.14	11.44
6,770.00	2.42	190.26	6,475.48	-1,114.11	1,216.28	1,649.21	0.31	-0.23	4.73
6,864.00	2.99	181.47	6,569.38	-1,118.51	1,215.86	1,651.82	0.75	0.61	-9.35
Last Sharewell Survey									
6,966.00	2.72	188.67	6,671.25	-1,123.57	1,215.43	1,654.85	0.44	-0.26	7.06
Proj. to Bit									
7,016.00	2.72	188.67	6,721.20	-1,125.91	1,215.07	1,656.13	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
355.00	355.00	0.00	0.00	Tie-In / Assumed Vertical
396.00	396.00	-0.05	-0.28	First Sharewell Survey
6,966.00	6,671.25	-1,123.57	1,215.43	Last Sharewell Survey
7,016.00	6,721.20	-1,125.91	1,215.07	Proj. to Bit

Checked By: _____ Approved By: _____ Date: _____

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
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43-013-32192	UTE TRIBAL 11-28	14-20-H62-4740
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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
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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
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43-013-33801	UTE TRIBAL 12-26D-54	14-20-H62-3444
43-013-34118	UTE TRIBAL 12-26D-55	14-20-H62-4740
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43-013-32572	UTE TRIBAL 12-29-54	14-20-H62-5020
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43-013-33215	UTE TRIBAL 1-22D-54	14-20-H62-3415
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43-013-33266	UTE TRIBAL 12-32-55	14-20-H62-5026
43-013-33090	UTE TRIBAL 12-33-54	14-20-562-4948
43-013-32524	UTE TRIBAL 1-23-55	14-20-H62-3443
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43-013-31912	UTE TRIBAL 1-26	14-20-H62-3444
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43-013-33364	UTE TRIBAL 13-14-54	14-20-H62-5033
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43-013-31546	UTE TRIBAL 13-17	14-20-H62-4919
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43-013-31284	UTE TRIBAL 13-19	14-20-H62-3528
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43-013-32841	UTE TRIBAL 13-20-55	14-20-H62-5018
43-013-33113	UTE TRIBAL 13-21-54	14-20-H62-3414

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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
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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

43-013-33093	UTE TRIBAL 14-33-54	14-20-H62-4949
43-013-33955	UTE TRIBAL 14-35D-55	14-20-H62-4945
43-013-32355	UTE TRIBAL 14-36-55	14-20-H62-4944
43-013-33277	UTE TRIBAL 14Q-28-54	14-20-H62-4740
43-013-33479	UTE TRIBAL 14Q-30-54	14-20-H62-4662
43-013-33212	UTE TRIBAL 15-13D-55	14-20-H62-4845
43-013-32971	UTE TRIBAL 15-15-54	14-20-H62-4661
43-013-32855	UTE TRIBAL 15-15-55	14-20-H62-5017
43-013-31648	UTE TRIBAL 15-16	14-20-H62-3413
43-013-31649	UTE TRIBAL 15-17	14-20-H62-4731
43-013-32358	UTE TRIBAL 15-17-55	14-20-H62-5025
43-013-32148	UTE TRIBAL 15-18	14-20-H62-4919
43-013-31832	UTE TRIBAL 15-19	14-20-H62-3528
43-013-32386	UTE TRIBAL 15-20-54	14-20-H62-3529
43-013-33357	UTE TRIBAL 15-21-55	14-20-H62-3414
43-013-32617	UTE TRIBAL 15-22-55	14-20-H62-4754
43-013-34116	UTE TRIBAL 15-22D-54	14-20-H62-3415
43-013-31671	UTE TRIBAL 15-23	14-20-H62-3443
43-013-31129	UTE TRIBAL 15-24R	14-20-H62-4749
43-013-32271	UTE TRIBAL 15-25-55	14-20-H62-3537
43-013-33768	UTE TRIBAL 15-26D-54	14-20-H62-4954
43-013-33362	UTE TRIBAL 15-26D-55	14-20-H62-3444
43-013-32339	UTE TRIBAL 15-27-55	14-20-H62-4753
43-013-32389	UTE TRIBAL 15-28-54	14-20-H62-4740
43-013-32561	UTE TRIBAL 15-29-54	14-20-H62-5036
43-013-32382	UTE TRIBAL 15-30-54	14-20-H62-4662
43-013-32743	UTE TRIBAL 15-31-54	14-20-H62-4946
43-013-32666	UTE TRIBAL 15-32-54	14-20-H62-4947
43-013-32768	UTE TRIBAL 15-33-54	14-20-H62-4948
43-013-32804	UTE TRIBAL 15-35-54	14-20-H62-5053
43-013-33954	UTE TRIBAL 15-35D-55	14-20-H62-4945
43-013-33049	UTE TRIBAL 15-36-55	14-20-H62-4944
43-013-33327	UTE TRIBAL 16-13D-55	14-20-H62-4845
43-013-32272	UTE TRIBAL 16-14-55	14-20-H62-5016
43-013-32588	UTE TRIBAL 16-15-54	14-20-H62-4661
43-013-32757	UTE TRIBAL 16-16-55	14-20-H62-5024
43-013-33132	UTE TRIBAL 16-17-54	14-20-H62-4731
43-013-31650	UTE TRIBAL 16-18	14-20-H62-4919
43-013-32691	UTE TRIBAL 16-19-54	14-20-H62-3528
43-013-32739	UTE TRIBAL 16-20-54	14-20-H62-3529
43-013-32381	UTE TRIBAL 16-21-54	14-20-H62-3414
43-013-32842	UTE TRIBAL 16-22-54	14-20-H62-3415
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43-013-32672	UTE TRIBAL 16-24-55	14-20-H62-3440
43-013-32759	UTE TRIBAL 16-25-55	14-20-H62-3537
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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
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43-013-32349	UTE TRIBAL 16-29-55	14-20-H62-5020
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43-013-32926	UTE TRIBAL 16-32D-54	14-20-H62-4947
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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
43-013-33117	UTE TRIBAL 2-21-55	14-20-H62-4825
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43-013-32604	UTE TRIBAL 2-22-55	14-20-H62-4754
43-013-33045	UTE TRIBAL 2-23-55	14-20-H62-3443
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43-013-31833	UTE TRIBAL 2-25	14-20-H62-3537
43-013-32868	UTE TRIBAL 2-26-54	14-20-H62-4954
43-013-33979	UTE TRIBAL 2-26D-55	14-20-H62-3444
43-013-32179	UTE TRIBAL 2-27	14-20-H62-3375
43-013-33628	UTE TRIBAL 2-27D-55	14-20-H62-4753
43-013-32763	UTE TRIBAL 2-28-54	14-20-H62-4740
43-013-33714	UTE TRIBAL 2-29D-55	14-20-H62-5036
43-013-32680	UTE TRIBAL 2-30-55	14-20-H62-5059
43-013-32894	UTE TRIBAL 2-30D-54	14-20-H62-4662
43-013-32762	UTE TRIBAL 2-31-54	14-20-H62-4946
43-013-32935	UTE TRIBAL 2-31-55	14-20-H62-5060
43-013-32803	UTE TRIBAL 2-32-54	14-20-H62-4947
43-013-32350	UTE TRIBAL 2-32-55	14-20-H62-5026
43-013-32898	UTE TRIBAL 2-33D-54	14-20-H62-4948
43-013-32187	UTE TRIBAL 2-35	14-20-H62-4945
43-013-32422	UTE TRIBAL 2-36-55	14-20-H62-4944
43-013-32663	UTE TRIBAL 3-10-54	14-20-H62-5517
43-013-50478	UTE TRIBAL 3-14-55	14-20-H62-5016
43-013-50389	UTE TRIBAL 3-14D-54	14-20-H62-5033
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43-013-32867	UTE TRIBAL 3-21-54	14-20-H62-3414
43-013-32758	UTE TRIBAL 3-21-55	14-20-H62-4825
43-013-33208	UTE TRIBAL 3-22-54	14-20-H62-3415
43-013-32605	UTE TRIBAL 3-22-55	14-20-H62-4754
43-013-32536	UTE TRIBAL 3-23-55	14-20-H62-3443
43-013-30960	UTE TRIBAL 3-24R-55 (REENTRY)	14-20-H62-4749
43-013-31834	UTE TRIBAL 3-25	14-20-H62-3537

43-013-32993	UTE TRIBAL 3-25-56	14-20-H62-5065
43-013-33681	UTE TRIBAL 3-26D-54	14-20-H62-4954
43-013-32417	UTE TRIBAL 3-27-55	14-20-H62-4753
43-013-32261	UTE TRIBAL 3-28-54	14-20-H62-4740
43-013-33723	UTE TRIBAL 3-29-55	14-20-H62-5020
43-013-32625	UTE TRIBAL 3-30-54	14-20-H62-4662
43-013-32862	UTE TRIBAL 3-30-55	14-20-H62-5059
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43-013-33363	UTE TRIBAL 3-32D-55	14-20-H62-5206
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43-013-33888	UTE TRIBAL 3-35D-55	14-20-H62-5053
43-013-33888	UTE TRIBAL 3-35D-55	14-20-H62-4945
43-013-32751	UTE TRIBAL 3-36-55	14-20-H62-4944
43-013-33185	UTE TRIBAL 3G-31-54	14-20-H62-4946
43-013-33270	UTE TRIBAL 4-14D-54	14-20-H62-5033
43-013-32972	UTE TRIBAL 4-19-54	14-20-H62-3528
43-013-32621	UTE TRIBAL 4-20-54	14-20-H62-4919
43-013-33549	UTE TRIBAL 4-20D-55	14-20-H62-5018
43-013-32378	UTE TRIBAL 4-21-54	14-20-H62-3414
43-013-33044	UTE TRIBAL 4-22-55	14-20-H62-4754
43-013-33627	UTE TRIBAL 4-23D-55	14-20-H62-3443
43-013-32573	UTE TRIBAL 4-24-54	14-20-H62-4716
43-013-33726	UTE TRIBAL 4-24D-55	14-20-H62-4749
43-013-32928	UTE TRIBAL 4-25-55	14-20-H62-3537
43-013-33595	UTE TRIBAL 4-26D-54	14-20-H62-4954
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43-013-32565	UTE TRIBAL 4-29-54	14-20-H62-5036
43-013-31550	UTE TRIBAL 4-30	14-20-H62-4662
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43-013-33379	UTE TRIBAL 4-32-55	14-20-H62-5026
43-013-32871	UTE TRIBAL 4-33-54	14-20-H62-4948
43-013-32357	UTE TRIBAL 4-33-55	14-20-H62-5027
43-013-32188	UTE TRIBAL 4-36	14-20-H62-4944
43-013-31152	UTE TRIBAL 5-13	14-20-H62-4845
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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
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43-013-32624	UTE TRIBAL 5-22-54	14-20-H62-3415

43-013-32537	UTE TRIBAL 5-23-55	14-20-H62-3443
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43-013-32992	UTE TRIBAL 5-25-56	14-20-H62-5065
43-013-33421	UTE TRIBAL 5-25D-55	14-20-H62-3537
43-013-32890	UTE TRIBAL 5-26-54	14-20-H62-4954
43-013-32264	UTE TRIBAL 5-26-55	14-20-H62-3444
43-013-32614	UTE TRIBAL 5-27-55	14-20-H62-4753
43-013-32189	UTE TRIBAL 5-28	14-20-H62-4740
43-013-32525	UTE TRIBAL 5-29-54	14-20-H62-5032
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43-013-32521	UTE TRIBAL 5-33-54	14-20-H62-4948
43-013-32805	UTE TRIBAL 5-35-54	14-20-H62-5053
43-013-32930	UTE TRIBAL 5-36-55	14-20-H62-4944
43-013-32586	UTE TRIBAL 6-14-54	14-20-H62-5033
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43-013-32163	UTE TRIBAL 6-22	14-20-H62-3415
43-013-33213	UTE TRIBAL 6-22D-55	14-20-H62-4728
43-013-33187	UTE TRIBAL 6-23D-55	14-20-H62-3443
43-013-32570	UTE TRIBAL 6-24-54	14-20-H62-4716
43-013-32143	UTE TRIBAL 6-25H	14-20-H62-3537
43-013-33625	UTE TRIBAL 6-26D-54	14-20-H62-4954
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43-013-32783	UTE TRIBAL 6-30-55	14-20-H62-5059
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43-013-34028	UTE TRIBAL 6-35D-55	14-20-H62-4945
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43-013-32976	UTE TRIBAL 7-15-55	14-20-H62-5017
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43-013-32418	UTE TRIBAL 7-27-55	14-20-H62-4753
43-013-32166	UTE TRIBAL 7-28	14-20-H62-4740
43-013-33788	UTE TRIBAL 7-28D-55	14-20-H62-5019
43-013-32562	UTE TRIBAL 7-29-54	14-20-H62-5036
43-013-33715	UTE TRIBAL 7-29D-55	14-20-H62-5020
43-013-32167	UTE TRIBAL 7-30	14-20-H62-4662
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43-013-32411	UTE TRIBAL 7-32-54	14-20-H62-4947
43-013-32413	UTE TRIBAL 7-33-54	14-20-H62-4948
43-013-50510	UTE TRIBAL 7-34-55	14-20-H62-5028
43-013-32774	UTE TRIBAL 7-35-54	14-20-H62-5053
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43-013-32929	UTE TRIBAL 7-36-55	14-20-H62-4944
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43-013-50488	UTE TRIBAL 8-10D-54	14-20-H62-5517
43-013-33204	UTE TRIBAL 8-14-54	14-20-H62-5033
43-013-50477	UTE TRIBAL 8-15D-55	14-20-H62-5017
43-013-32840	UTE TRIBAL 8-19-54	14-20-H62-3528
43-013-32864	UTE TRIBAL 8-19-55	14-20-H62-5058
43-013-32973	UTE TRIBAL 8-20-54	14-20-H62-3529
43-013-50435	UTE TRIBAL 8-21D-55	14-20-H62-4825
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43-013-33420	UTE TRIBAL 8-24-55	14-20-H62-4716
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43-013-32620	UTE TRIBAL 8-25-55	14-20-H62-3537
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43-013-33859	UTE TRIBAL 8-26D-55	14-20-H62-3444
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43-013-33328	UTE TRIBAL 9-13D-55	14-20-H62-4845
43-013-33796	UTE TRIBAL 9-14D-54	14-20-H62-5033
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43-013-33207	UTE TRIBAL 9-16-54	14-20-H62-3413

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43-013-32388	UTE TRIBAL 9-28-54	14-20-H62-4740
43-013-33787	UTE TRIBAL 9-28D-55	14-20-H62-5019
43-013-32566	UTE TRIBAL 9-29-54	14-20-H62-5036
43-013-32383	UTE TRIBAL 9-30-54	14-20-H62-4662
43-013-32529	UTE TRIBAL 9-31-54	14-20-H62-4946
43-013-33508	UTE TRIBAL 9-31-55	14-20-H62-5060
43-013-32538	UTE TRIBAL 9-32-54	14-20-H62-4947
43-013-32549	UTE TRIBAL 9-33-54	14-20-H62-4948
43-013-32781	UTE TRIBAL 9-35-54	14-20-H62-5053
43-013-33047	UTE TRIBAL 9-35-55	14-20-H62-4945
43-013-33239	UTE TRIBAL 9-36D-55	14-20-H62-4944
43-013-33276	UTE TRIBAL 9S-19-54	14-20-H62-3528
43-013-33245	UTE TRIBAL 9S-25-55	14-20-H62-3537
43-013-50997	Vieira Tribal 4-4-54	14-20-H62-5659
43-013-33122	WILCOX ELIASON 7-15-56	FEE
43-013-33150	WILCOX FEE 1-20-56	FEE
43-013-33151	WILCOX FEE 15-16-56	FEE
43-013-32550	WILLIAMSON TRIBAL 3-34-54	14-20-H62-4955
43-013-32551	WILLIAMSON TRIBAL 5-34-54	14-20-H62-4955
43-013-31311	Z and T UTE TRIBAL 12-22	14-20-H62-3415
43-013-31280	Z and T UTE TRIBAL 2-21	14-20-H62-3414
43-013-31282	Z and T UTE TRIBAL 7-19	14-20-H62-4919
43-013-31310	Z and T UTE TRIBAL 7-25	14-20-H62-3537

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	