June 23, 2008

State Of Utah
Division of Oil, Gas & Mining
1594 W. North Temple,
Suite 1210 Box 145801
Salt Lake City, Utah 84114-5801

Re: Application for Permit to Drill

Attached please find one (1) original, and (1) copy of an *Applicatios for Permit to Drill* on the following location:

FEDERAL 7-1D-65

If you have any questions regarding this "APD" please call me at (435) 722-1325 or (435) 823-1808.

Thank you,

Shelley Crozier

Shelley E. Crozier
Regulatory & Permitting Specialist
sec@bry.com

RECEIVED
JUN 25 2008
DIV. OF OIL, GAS & MINING

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

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5 MINERAL LEASE NO: UTU-77326
6 SURFACE: FOREST

1A TYPE OF WORK: DRILL [√] REENTER ☐ DEEPEN ☐

B. TYPE OF WELL: OIL [√] GAS ☐ OTHER _____ SINGLE ZONE [√] MULTIPLE ZONE ☐

7 IF INDIAN, ALLOTTEE OR TRIBE NAME

8. UNIT or CA AGREEMENT NAME:

2 NAME OF OPERATOR: BERRY PETROLEUM COMPANY

9. WELL NAME and NUMBER: FEDERAL 7-1D-65

3 ADDRESS OF OPERATOR: RT. 2 BOX 7735 CITY ROOSEVELT STATE UTAH ZIP 84066
PHONE NUMBER: (435)722-1325

10. FIELD AND POOL, OR WILDCAT: Undesignated ~~BRUNDAGE CANYON~~

4 LOCATION OF WELL (FOOTAGES)
AT SURFACE: 2023' FNL, 2174' FWL
AT PROPOSED PRODUCING ZONE: BHL: 1972' FNL, 1745' FEL SWNE
NAD 27
39.990521 LAT
109.397271 LONG

11 QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: (SE/NW) SEC. 1, T.6S., R.5W. U.S.B.&M.

14 DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 27.9 MILES FROM MYTON, UTAH

12 COUNTY: DUCHESNE
13 STATE: UTAH

15 DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET): 2023'
16. NUMBER OF ACRES IN LEASE: 640
17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40

18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET): 40'
19. PROPOSED DEPTH: 5942'
20. BOND DESCRIPTION: RLB0005651

21 ELEVATIONS (SHOW WHETHER DF, RT. GR, ETC.): 7346' GR
22. APPROXIMATE DATE WORK WILL START: UPON APPROVAL OF APD
23 ESTIMATED DURATION: APPROXIMATELY 6 DAYS

24 PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT			
12 1/4	8 5/8 J-55 ST&C or LT&C 24#	300'	TYPE III + ADDITIVES	135 SX	1.17 CF/SK	15.8 PPG
7 7/8	5 1/2 J-55 LT&C 15.5#	3000'	PREMIUM LITE II + ADDITIVES	250 SX	3.46 CF/SK	11.0 PPG
		TD	PREM LITE II HIGH STRENGTH + ADD	300 SX	1.92 CF/SK	13.0 PPG
			NOTE: ACTUAL VOLUMES PUMPED WILL BE CALIPER HOLE VOLUME+20% EXCESS			

25 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
[√] EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
[√] COMPLETE DRILLING PLAN
☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT): SHELLEY E. CROZIER
TITLE: REGULATORY & PERMITTING SPECIALIST

SIGNATURE: Shelley Crozier
DATE: 06/23/08

(This space for State use only)

API NUMBER ASSIGNED: 43-013-34015

Approved by the Utah Division of Oil, Gas and Mining

Date: 08-30-08
By: [signature]

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DIV OF OIL, GAS & MINING

(11/2001) Surf

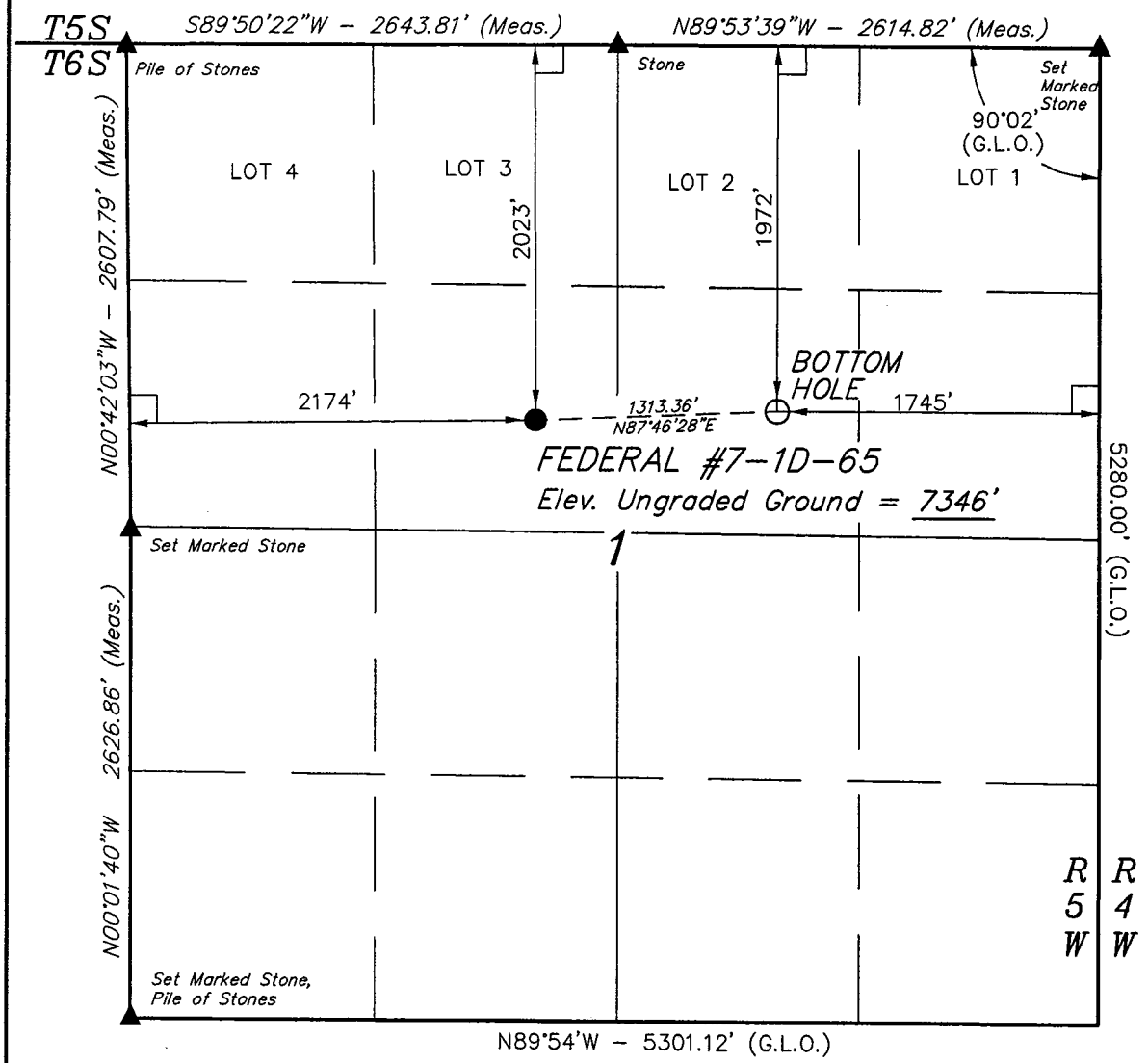
Federal Approval of this Action is Necessary

(See Instructions on Reverse Side)

551447X
4426754
39.990572
-110.397387

BHL
551849X
4426492
39.990707
-110.392677

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

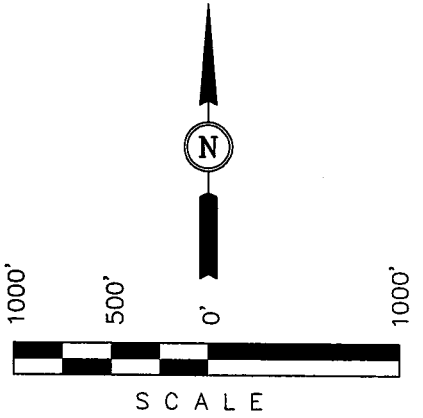


BERRY PETROLEUM COMPANY

Well location, FEDERAL #7-1D-65, located as shown in the SE 1/4 NW 1/4 of Section 1, T6S, R5W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHEAST CORNER OF SECTION 18, T5S, R4W, U.S.B.&M. TAKEN FROM THE DUCHESNE SE, QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6559 FEET.



CERTIFICATE

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

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REVISED 05-07-08 D.P.
REVISED 05-02-08 D.P.

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

SCALE 1" = 1000'	DATE SURVEYED: 03-05-08	DATE DRAWN: 03-28-08
PARTY S.H. C.K. C.N.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE BERRY PETROLEUM COMPANY	

LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

(NAD 83)
LATITUDE = 39°59'25.74" (39.990483)
LONGITUDE = 109°23'52.73" (109.397981)
(NAD 27)
LATITUDE = 39°59'25.88" (39.990521)
LONGITUDE = 109°23'50.18" (109.397271)

Berry Petroleum Company

Brundage Canyon Field

4000 South 4028 West
Route 2 Box 7735
Roosevelt, UT 84066

Ph. (435) 722-1325
Fax: (435) 722-1321
www.bry.com

March 28, 2008

State of Utah
Department 0f Natural Resources
Division of Oil, Gas, and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Re: Oil and Gas Conservation General Rules
R649-3-3 Exception to Location and Siting of Wells.
Federal No. 7-1D-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 Federal No. 7-1D-65 well is a directional well in which only the lower part of the objective section (Wasatch-Colton) 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 Fed 6-1-65 surface location. The rather long reach required of the well forced only the lowermost part of the Wasatch-Colton objective section to be placed outside of the spacing "window".

In accordance with R649-3-3, Berry is providing a copy of the staking plat showing the proposed location in relation to the allowed spacing "window" and all tracts contacted by a circle with a radius of 460'. A second plat is also attached showing the actual or recently proposed location for all direct or diagonal offsetting wells. As to the 460' radius circle, Berry is also the owner of the SENE Section 1, T6S-R5W.

Berry is requesting approval of this excepted location as proposed. If additional information is required, please contact Dan Anderson at (303) 825-3344.

Sincerely,

Shelley Crozier

Shelley E. Crozier
Regulatory & Permitting Assistant

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JUN 25 2008
DIV. OF OIL, GAS & MINING

enclosures

Berry Petroleum Company

Brundage Canyon Field

4000 South 4028 West
Route 2 Box 7735
Roosevelt, UT 84066

Ph. (435) 722-1325
Fax: (435) 722-1321
www.bry.com

June 23, 2008

Berry Petroleum Company will be using either Manual or Electronic Drilling Fluid Monitoring Systems, for the following wells that have previously been submitted and all future APD's will be duely noted in the Self Certification Statement of future APD's.

FEDERAL 7-1D-65

Sincerely,

Tim D. McDonald
Drilling Supervisor
Berry Petroleum Company

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SELF-CERTIFICATION STATEMENT

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

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

Federal 7-1D-65
SE 1/4, NW 1/4, 2023' FNL 2174' FWL, Section 1, T. 6 S., R. 5 W., U.S.B.&M.
BHL: SW 1/4, NE 1/4, 1972' FNL, 1745' 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.

Shelley Crozier

Shelley Crozier
Regulatory & Permitting Specialist
Berry Petroleum Company
4000 South 4028 West
Route 2, Box 7735
Roosevelt, Utah 84066
435-722-1325
435-823-1808

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BERRY PETROLEUM COMPANY
Federal 7-1D-65
Surface location SE 1/4, NW 1/4, 2023' FNL 2174' FWL, Section 1, T. 6 S., R. 5 W., U.S.B.&M.
BHL: SW 1/4, NE 1/4, 1972' FNL, 1745' 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	Depth@BHL	Depth@SHL
Uinta	On Surface	On Surface
Green River	1,379'	1,353'
Green River Upper Marker	1,952'	1,906'
Mahogany	2,575'	2,509'
Tgr3 Marker	3,661'	3,554'
Douglas Creek	4,433'	4,300'
*Black Shale	5,053'	4,902'
*Castle Peak	5,390'	5,222'
Uteland Butte Ls.	5,820'	5,639'
Wasatch	6,035'	5,842'
TD	6,139'	5,942'
Base of Moderately Saline	2,186'	2,257'

*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 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 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.

3 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., for a 2M system when the well is drilled to the base of the Uteland Butte Limestone formation, and individual components shall be operable as designed. 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 BLM representative upon request.

All required BOP tests and/or drills shall be recorded in the IADC report.

The anticipated bottom hole pressure will be less than 3,000 psi.

4 Proposed Casing and Cementing Program

The proposed Casing Program will be as follows:

Purpose	Depth	Hole Size	Casing Size	Type	Connection	Weight
Surface	300'	12 ¼"	8 -5/8"	J-55	ST&C or LT&C	24#
Production	5942'	7-7/8"	5 ½"	J-55	LT&C	15.5#

Surface	Fill	Type & Amount
0'-300'	300'	Approximately 135 sx Class "G" (Type III) cement + additives or a similar slurry with a minimum weight of 15.8 ppg and approximate yield of 1.17 cf/sk, minimum 24 hr compressive strength = 500 psi (Cement will be circulated to surface and topped off, if necessary.)

Production with lost circulation	Type & Amount
0'-5942'	SEE ATTACHED CEMENT PROCEDURES

Production without lost circulation	**Type & Amount**
0'- 5942'	SEE ATTACHED CEMENT PROCEDURES

For production casing, actual cement volumes will be determined from the caliper log plus a minimum of 20% excess.

5 Drilling Fluids Program

Interval	Weight	Viscosity	Fluid Loss	Remarks
0'-300'	8.3-8.6	27-40	NC	Spud Mud or air
300'-TD	8.6-8.9	27-40	NC	KCL Water

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

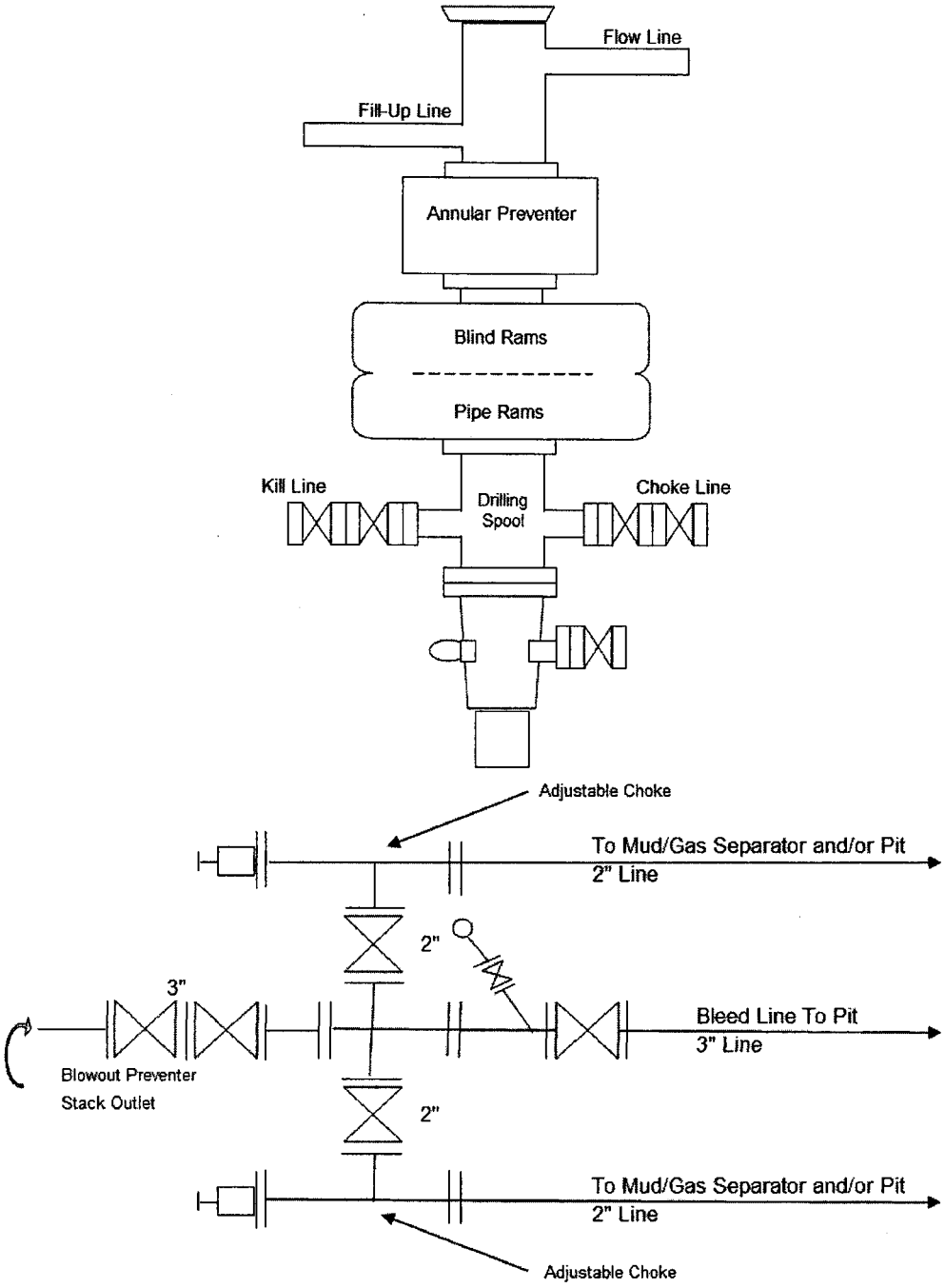
No abnormal temperatures or pressures or other hazards are anticipated.

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.

SCHEMATIC DIAGRAM OF 2,000 PSI BOP STACK



BERRY PETROLEUM COMPANY
Federal 7-1D-65
Surface location SE 1/4, NW 1/4, 2023' FNL 2174' FWL, Section 1, T. 6 S., R. 5 W., U.S.B.&M.
BHL: SW 1/4, NE 1/4, 1972' FNL, 1745' 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 7-1D-65 location, in Section 1-T6S-R5W:

Start in Myton, Utah. Proceed west on US Highway 40, 8.6 miles to the Antelope Creek/Sowers Canyon Road at the Bridgeland turnoff. Turn south and proceed 10.3 miles to the Brundage Canyon Road. Turn south onto the Brundage Canyon road and proceed west 6.7 miles. Turn east and proceed east 1.60 miles. Turn south and proceed 0.7 miles to the Federal 7-1D-65 location.

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.

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. The required paint color is desert brown (10YR 6/4) unless otherwise designated by the Authorized Officer.

A containment dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks). This dike will be constructed of compacted subsoil, be impervious, 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.

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 cuttings will be contained in a closed loop system or a reserve pit and buried in the reserve pit or spread on location.

Drilling fluids, including salts and chemicals, will be contained in a closed loop system or a reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility. For wells completed from October 1 through April 30, any hydrocarbons in the pit shall be removed from May 1 to September 30 in accordance with 43 CFR 3162.7-1.

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

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

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

Drain tanks will be installed with a 3" sand or dirt pad underneath a 20 millimeter thick liner which will extend 12" over the top edges of the pit. There will be room around the outside walls of the tank for visual inspection. There will be an escape route for animals from the bottom of the pit to ground level.

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.

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 Wellsite 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 reserve pit.

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.

The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

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.

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

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

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

Prior to the construction of the location, the top 12 inches of soil material (if present) will be stripped and stockpiled. Placement of the topsoil 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.

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).

13 Operator's Representative and Certification

A) Representative

NAME:	Shelley E. Crozier Regulatory & Permitting Specialist
ADDRESS:	Berry Petroleum Company 4000 South 4028 West Rt. 2 Box 7735 Roosevelt, UT 84066
PHONE:	435-722-1325 or 435-823-1808
E-MAIL:	sec@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.

June 23, 2008
DATE

Shelley E. Crozier
Shelley E. Crozier
Regulatory & Permitting Specialist
Berry Petroleum Company

DECISION NOTICE
AND
FINDING OF NO SIGNIFICANT IMPACT

Berry Petroleum's 2006 Oil and Natural Gas Exploration Project Environmental Assessment

USDA Forest Service
Roosevelt/Duchesne Ranger District, Ashley National Forest
Duchesne County, Utah

I. INTRODUCTION

Berry Petroleum Company (Berry) proposed to conduct exploratory oil and natural gas drilling operations within a portion of the South Unit of the Ashley National Forest (ANF) in Duchesne County south of Duchesne, Utah. The proponent's current leases cover approximately 20,865 acres (+/- 1%) located on federal lands in the South Unit of the ANF. These leases grant the proponent the right to drill for, extract, remove, and dispose of all oil and gas within the lands described in the above summary as well as the right to build and maintain necessary leasehold improvements for the term of these leases. These leases have controlled surface use and timing limitation stipulations related to sensitive wildlife, elk winter and yearlong range, lands with steep slopes or geologic hazards or unstable soils, and semi-primitive non-motorized/roadless areas.

The Proposed Action, as described in the 2006 Berry Environmental Assessment, includes the exploratory drilling of 29 wells (14 vertical; 15 directional) from 1 existing and 14 new well pad locations, the upgrading of approximately 3.1 miles (16,220 feet) of existing road/two-track, and the construction of up to 3.2 miles (16,800 feet) of new access roads. The Proposed Action consisted of an exploratory drilling program designed so that Berry may gather information about the extent and distribution of oil and natural gas resources on their federal oil and gas leases and to assess the economic viability of future production. The proposed drilling would target potential oil and gas producing zones of the Green River formation. All wells drilled would be tested, and if they are determined to be uneconomical, they would be plugged and reclaimed within one year after drilling, completion, and testing are completed. Wells that are identified as economically viable would be connected to gas gathering pipelines and equipped with production equipment so that resources could be recovered for the life of the well.

A notice describing the proposed project and requesting public comment was published in the Uinta Basin Standard newspaper on December 22, 2005. The Environmental Assessment which analyzed potential impacts to the human environment from the proposed project was posted on the Ashley National Forest's web site on May 15, 2006, and the legal notice and request for public comments was published in the Uintah Basin Standard on May 16, 2006.

On March 13, 2006, the Forest received clarifying direction from the Washington Office on the application of the Statutory Categorical Exclusions provided in Section 390 of the Energy Policy Act of 2005. Today, I used these categorical exclusions to authorize proposed activities related to 10 of the 14 proposed well pads discussed in the Environmental Assessment. Therefore, this Decision Notice only addresses activities for the 4 remaining proposed well pads.

II. PURPOSE AND NEED FOR ACTION

The purpose and need for the USFS is to respond to the formal proposal from Berry Petroleum, to exercise their oil and gas lease rights, and to evaluate the environmental impacts of the proposal in accordance with Forest Plan management direction. This environmental analysis is needed, per the National Environmental Policy Act (NEPA), to disclose potential effects from the proposal, and to provide information needed to make and document the required USFS decisions. These decisions should be consistent with the previous USFS decisions and lease obligations, including the Western Uinta Basin Leasing EIS, with rights granted by the oil and gas leases, and with direction from the Ashley National Forest Plan and Department and Agency policies.

Exploration and development of Federal oil and gas leases by private industry is an integral part of the oil and gas program of the USFS under authority of the Mineral Leasing Act of 1920 as amended, the Mining and Minerals Policy Act of 1970, the Federal Land Policy And Management Act of 1976, the National Materials and Minerals Policy, Research and Development Act of 1980, and the Federal Onshore Oil and Gas Leasing Reform Act of 1987.

The proponent's purpose and need is to explore and assess the economic recoverability of suspected oil and gas reserves, within their lease areas on the South Unit of the Ashley National Forest. If economically recoverable oil or gas reserves are identified from the proposed drilling, then those wells would be put into production, to recover those products.

A secondary purpose of this proposed project, for the proponent, is to assess the technical and economic viability of directional drilling on their oil and gas leases. Assuming economic quantities of oil and/or gas are found as a result of the drilling of vertical wells, Berry may then attempt to directionally drill from some or all of the same well pads to assess whether economically viable oil and gas resources can be reached and successfully produced from directional wells.

III. DECISION

I approved the Surface Use Plan of Operations (SUPO), authorizing the proposed activities for 10 of Berry's 14 proposed well pads, and the proposed directional drilling from their existing well pad, via Statutory CE Category 1 of Section 390 of the Energy Policy Act of 2005 (Categorical Exclusion Review, September 21, 2006). This includes the construction of well pads and new or upgraded access routes, and drilling of vertical and directional wells for the

following sites: Proposed well pads 5-6-65, 5-4-65, 16-5-65, 10-3-65, 2-2-65, 10-2-65, 6-1-65, 5-4-64, 8-2-64, and 8-1-64, and the existing 6-2-65 well pad. Therefore, these well pads and associated activities are no longer being considered as part of this decision.

Based upon my review of the alternatives in the EA, it is my decision to implement the remainder of alternative 2, the proposed action, with the exception of the proposed activities which have already been approved and are described above. This decision would approve Berry Petroleum's Surface Use Plan of Operations (SUPO) for the 4 remaining proposed well pads. This includes the construction of well pads and new or upgraded access routes, and drilling of vertical and directional wells, as described in the EA, for the following sites: 11-10-65, 6-11-65, 6-6-64, and 5-3-64. Should the proposed wells prove to be productive, the SUPO also includes installation of production facilities, and operation for as long as they remain productive and economically viable.

As part of this decision, I am requiring all of the mitigation measures and design elements included within the original proposed action, or added to the proposed action during preparation of the 2006 Berry EA, as described on pages 7 through 22 of that EA. Many of these measures are above and beyond those required by the proponent's lease stipulations, but the proponent has agreed to implement them in order to minimize possible adverse environmental impacts.

This decision is in compliance with the 1997 Western Uinta Basin Oil and Gas Leasing EIS Record of Decision.

IV. DECISION RATIONALE

The selected alternative meets the purpose and need, and allows Berry Petroleum to conduct exploratory drilling on their current leases, while providing for appropriate protection of other National Forest resources, values, and uses. The required mitigations and design elements will ensure that drilling activities take place in an environmentally sound manner.

Berry Petroleum, as holders of the leases, has the right to drill for oil and gas resources on the lease. The Forest Service decision space is limited to deciding the adequacy of the Proposed Action, submitted by the leaseholder, and requiring mitigations and design elements that will protect National Forest uses and values. The mitigations and design elements discussed below are necessary additions to the Proposed Action to respond to the issues raised in the analysis, to be responsive to public comments, and insure protection of other resources.

By implementing the Proposed Action, as modified by the mitigations and design elements, the proper balance is reached between Berry Petroleum's right to identify the oil and gas assets on their leases and the Forest Service mandate to protect the public interest on the lands and resources of the National Forest.

V. MITIGATION MEASURES AND DESIGN ELEMENTS

Various mitigation measures and design elements have been included within the Proposed Action, in order to avoid or minimize potential adverse effects. These measures are above and beyond those required by the proponent's lease stipulations, but which the proponent has agreed to follow. These measures, described in Section 2 of the EA (pages 7-19), and the additional design elements listed in Section 2 of the EA (pages 20-22), will be required as part of this decision. A few of the required design elements, mitigation measures, and lease stipulations are listed below:

Paleontology

- A qualified Paleontologist will monitor construction activities for proposed well pads 5-6-65, 6-11-65, 6-1-65, 5-3-64, 10-2-65, and 2-2-65 and their access roads. If significant paleontological resources are discovered, construction activities will be halted and the USFS notified. Operations in the area of the discovery will not resume until authorization to proceed has been received from the USFS.

Soil and Water Resources

- 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 will be installed during construction, and will be left in place and maintained for the life of the project or until the disturbed slopes have revegetated and stabilized.
- At sites without clay soils, were soils will be moderate to highly permeable, as well as sites closer to ephemeral/perennial channels, the reserve pit will be lined with a 20-mil pit liner on top of a protective felt layer to minimize the potential for leaks of pit fluids.

Vegetation

- During the construction phase of the project, Berry will implement an intensive reclamation and weed control program after each segment of project completion. Berry will reseed all portions of well pads and the ROW not utilized for the operational phase of the project, as well as any sites within the Project Area determined necessary by the USFS. Reseeding will be accomplished using native plant species indigenous to the Project Area. Post-construction seeding applications will continue until determined successful by the USFS. 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.

Wildlife

- 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.
- The existing guzzler present near proposed well pad 5-3-64 will be moved by the proponent to reduce the impacts of increase traffic and human presence on elk, mule deer, and other wildlife utilizing the structure for drinking.

Air Quality and Noise

- 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) will be considered.
- Berry will participate in multi-party basin-wide air quality monitoring studies, to monitor possible air quality impacts from the proposed activities, and help determine the effectiveness or need for air quality mitigations.
- Pump jack engines will be equipped with high grade mufflers to reduce noise during the operational life of the project.

Cultural Resources

- All ground disturbing activities (road construction and upgrading, well pad construction, etc.) will be conducted so as to avoid any impacts to identified cultural resource sites.
- If cultural resources are inadvertently discovered, construction activities will be halted and the USFS notified. Operations in the area of the discovery will not resume until authorization to proceed has been received from the USFS.

VI. ISSUES, CONCERNS, AND PUBLIC INVOLVEMENT

Public involvement in the proposed project was initiated with the publication of the scoping notice in the Uintah Basin Standard newspaper on December 22, 2005. A description of the Proposed Action was listed in the Schedule of Proposed Actions for the first and second quarters of 2006 and the scoping letter and legal notice were posted on the Ashley national Forest web site. Letters describing the proposed project and soliciting comment were mailed to potentially interested federal agencies, individuals, organizations and the Ute Tribe. The formal public scoping period ended January 21, 2006.

In response to public scoping efforts, the Forest Service received comments from seven respondents. Based upon these comments and a review of the Proposed Action by the Forest Service Interdisciplinary Team, a list of issues to be analyzed in the EA was developed. Principal issues of concern included, but were not limited to:

Issue 1: Geologic Structures, including:
- Steep slopes
- Alluvial fans and potential for debris flows and increased erosion

Issue 2: Soil Resources
- Increased erosion

Issue 3: Vegetation, including:
- Native vegetation
- Noxious weeds
- Threatened, endangered, proposed, and sensitive species

Issue 4: Wildlife and Wildlife Habitat, including:

- Big game seasonal ranges
- Sage-grouse
- Migratory birds
- Fisheries
- Threatened, endangered, proposed, and sensitive species
- Management indicator species and other species of concern

Issue 5: Rangeland Resources

- Grazing allotments

Issue 6: Air Quality, including:

- Chemical pollutants
- Dust

Issue 7: Hydrology/Water Quality/Quantity, including:

- Surface water
- Groundwater
- Increased sedimentation
- Erosion control

Issue 8: Floodplains, Wetlands, and Riparian Areas

Issue 9: Cultural and Paleontological Resources

Issue 10: Land Use

- Inventoried roadless areas

Issue 11: Visual Resources

- Visual Resource Management (VRM) Classifications

Issue 12: Noise, including:

- Disturbances to wildlife
- Decreased quality of recreational experiences

Issue 13: Socioeconomics and Environmental Justice

Issue 14: Cumulative Effects, including:

- Grazing
- Prescribed burns
- Other oil and gas development
- Prior road construction

The EA was completed, and was made available to the public for comments on May 16, 2006. Hard copies of the EA were mailed to interested parties at that time, while an electronic copy of

the EA was made available on the Ashley National Forest website. Letters were also mailed out, and a notice published in the Uintah Basin Standard newspaper, announcing availability of the EA for public comments. The formal comment period ended June 15, 2006. This project was initiated as a District Ranger decision, with scoping and legal notices announcing the Environmental Assessment's 30 day comment period as published in the Uintah Basin Standard. It was latter decided that the Forest Supervisor would be the Responsible Official. Therefore publication of a legal notice for this decision, in the Vernal Express, is now the trigger for initiating the appeal period.

VII. ALTERNATIVES

A. ALTERNATIVES CONSIDERED

In addition to the selected alternative, I considered one additional alternative. A comparison of these alternatives can be found in the EA in Table 2-3 on pages 23-25.

Alternative 1 – No Action Alternative

Under the No Action Alternative, the proposed drilling project would not be approved. The existing environment would remain in its current condition and there would be no new environmental consequences as a result of selecting this alternative. However, the project area has already been leased to the proponent for oil and gas exploration and development, following the 1997 Western Uinta Basin Oil and Gas Leasing EIS decision to lease these lands. The proponent's leases grant them the exclusive right to explore for and produce any oil and gas resources that may be located within their lease area, including construction of facilities reasonably needed to conduct prudent exploration and production. For these reasons, the No-Action Alternative may not represent a viable option, and would be in conflict with National, Agency, and Forest policy and guidance, as well as the intent of the 1997 Western Uinta Basin Oil and Gas Leasing EIS decision. Selection of this alternative would not preclude other oil and gas activities or proposals within the South Unit.

Alternative 2 – Proposed Action

The proposed Project Area is defined as Berry's current lease holdings within the South Unit of the ANF, which cover an area of roughly 20,865 acres (+/- 1%). This Project Area begins approximately 13 miles south of the town of Duchesne, Utah.

The proposed exploratory drilling would primarily target oil and gas from the Green River Formation. Berry's Proposed Action specifically includes the following primary components:

- Construction of 14 new well pads;
- Vertical drilling of 14 exploratory oil and/or natural gas wells on those well pads;
- The option of directionally drilling 15 additional exploratory oil and/or natural gas wells from the 14 proposed well pads, and one existing well pad;
- Upgrading up to approximately 3.1 miles (16,220 feet) of existing road/two-track;
- Construction of up to 3.2 miles (16,800 feet) of new access roads;
- Construction/installation of approximately 33,020 feet of buried or surface gathering gas pipeline which would lie within or immediately adjacent to the road corridor.

Berry expects to drill the 29 proposed exploratory wells during 2006 through 2008. Construction activities would follow guidelines described in the "Gold Book," *Surface Operating Standards for Oil and Gas Extraction and Development 4th Edition* (BLM and USFS 2005). New wells would be drilled to an average depth of about 6,000 feet. The typical oil and gas well would require about seven days to drill and 14 days to complete. Assuming that the well proves to be economically productive, an additional 7 to 10 days would be required for installation of production equipment and well start up (approximately 28 to 31 days from spud to production, per productive well). It is possible that Berry could drill fewer than the 29 proposed wells because of geologic and market uncertainties (expected quantities of oil and gas are not discovered, are not recoverable, or the prices for oil or gas drop unexpectedly), or if directional drilling were to prove to be technically or economically infeasible in this area. Each exploratory well would be initially completed and evaluated for adequate oil and natural gas production. If a well does not exhibit sufficient amounts of oil or natural gas after completion and initial evaluation, it would be permanently plugged. If the well pad could not be further utilized for directional drilling, it would be fully reclaimed. The amounts of oil and natural gas measured during initial evaluation tests would help determine the exploration drilling sequence. Wells demonstrating sufficient oil or natural gas reserves would be placed into permanent year-round operational status for long-term flow testing and production. Based upon the projected production life of a well, as well as the time required for full reclamation of all disturbed areas associated with well pad construction, the projected "life of the project" is expected to be up to 30 years. There is currently only one producing well present within the Project Area boundary. That well, operated by Berry, is currently producing economic quantities of both oil and gas.

A full-field development proposal is not being submitted at this time since it is unknown to Berry, the USFS, and the BLM, the extent and quantity of oil and/or natural gas in the area and whether there is adequate potential for a more extensive development scenario. Thus the current project is an exploratory project to help Berry obtain sufficient data and test potential production from its leases to determine the potential for future development.

Implementation of the full proposal, as described in the EA, would result in the short-term disturbance of up to approximately 58.6 acres, and long-term disturbance of approximately 41.6 acres. Assuming that some of all of the approved wells are productive, long-term disturbances would last the approximately 30-year life of the proposed project.

Implementation of this decision, approving activities related to only 4 of the 14 proposed well pads, would result in the short-term disturbance of up to approximately 22.9 acres, and long-term disturbance of approximately 15.4 acres.

Additional Alternatives Considered
No additional issues-driven alternatives were identified in the EA as being either feasible or necessary. The Forest Service and Proponent were able to work together to incorporate necessary and reasonable design elements into Alternative 2, as the Proposed Action.

B. ALTERNATIVES CONSIDERED BUT ELIMINATED FROM DETAILED STUDY

No additional issues-driven alternatives, which were considered but eliminated from detailed study, were identified.

VIII. FINDING OF NO SIGNIFICANT IMPACT

After considering the environmental effects described in the EA, I have determined that these actions will not have a significant effect on the quality of the human environment considering the context and intensity of impacts (40 CFR 1508.27). Thus, an environmental impact statement will not be prepared. I base my finding on the following:

1. My finding of no significant environmenal effects is not biased by the beneficial effects of the action.

2. There will be no significant effects on public health and safety, because the proposed wells and access roads are located in isolated areas and operations are temporary. Although two of the proposed well pads being approved are located in areas potentially susceptible to flash floods and debris flows, construction of these facilities will not increase the chance for damaging debris flows to occur in these areas, and design elements have been included to minimize risks to crews and facilities (see EA pages 8-12; 20-22).

3. There will be no significant effects on unique characteristics of the area, because there are no ecologically critical areas such as parklands, prime farmlands, or wild and scenic rivers. Two of the proposed wells being approved will be located within or adjacent to inventoried roadless areas. Effects to roadless areas are minor because well pad and access road construction will only disturb a fraction of the surrounding inventoried roadless area (see EA pages 122-123). For these reasons, the impacts to the adjacent roadless areas would not be significant. There are wetlands within the Project Area, but none will be directly impacted by the proposed activities.

4. The effects on the quality of the human environment are not likely to be highly controversial. There is no known scientific controversy over the impacts of the project.

5. We have considerable experience with the types of activities to be implemented. The effects analysis shows the effects are not uncertain, and do not involve unique or unknown risk.

6. The action is not likely to establish a precedent for future actions with significant effects. Completion of the Proposed Action is independent of existing and/or future oil and gas development and does not assume or guarantee that any other development of the Proponent's leases will occur. Any future development proposals would be analyzed in a separate NEPA document at that time.

7. A review of the EA indicates that cumulative impacts are not significant. I have determined that there will be no "significant environmental impacts" to any resource.

8. The action will have no significant adverse effect on districts, sites, highways, structures, or objects listed in or eligible for listing in the National Register of Historic Places, nor cause loss or destruction of significant scientific, cultural, or historical resources, (see EA page 118).

9. A Biological Assessment (BA) was prepared to analyze effects on threatened, endangered, or proposed wildlife and plant species from the proposed project. This BA resulted in a determination of no effect to terrestrial wildlife and plant species. The Biological Assessment also covered four endangered fish species. Consumptive water requirements for drilling and completion of the proposed wells would constitute a small one-time depletion of Upper Colorado River Basin water. Because such depletions have been determined to affect federally listed Basin fish species, the proposed project is likely to affect, and would adversely affect, the endangered fish. However, the U.S. Fish and Wildlife Service (USFWS) has determined that, due to the Recovery and Implementation Plan for endangered fish species in the Basin, these populations have demonstrated recovery from prior conditions. The USFWS has determined that payment to the Recovery Program for consumptive water depletions represents a reasonable and prudent alternative for continued recovery of these species. For small depletions, those less than 100 acre feet annually, no payment is required. Further, the nearest occupied habitat for these species is in the Green River, a minimum of 65 miles from project activities. The potential impacts to endangered Upper Colorado River Basin endangered fish species are therefore effectively mitigated for this project.

10. The action will not violate Federal, State, and local laws or requirements for the protection of the environment. Applicable laws and regulations were considered in the EA, and the action is consistent with the Ashley National Forest Land and Resource Management Plan (See EA pages 1-4).

IX. APPLICABLE LAWS, REGULATIONS, AND POLICIES

To the best of my knowledge, this decision is in compliance with all applicable laws, regulations, and policies. In some cases well pads will be located near ephemeral channels, and closer to

those channels than is recommended by INFISH guidelines. Because of the small and very ephemeral nature of those channels, and the large distance to viable fisheries downstream, no effects to downstream fisheries from surface activities are expected.

Consistency with Forest Plan

This decision to approve exploration on previously issued federal oil and gas leases is consistent with the intent of the Forest Plan's long-term goals and objectives. Within the Ashley National Forest, 1,083,830 acres are considered to be available for mineral leasing and development *(LRMP pages II-16 to II-17)*. The project was designed in conformance with LRMP standards and incorporates appropriate land and resource management plan guidelines. Management Prescriptions are indicated in Chapter IV of the LRMP. The wells are located mainly in management prescription areas 'n' and 'd', which are managed for a range of resource uses and output and for high forage production and livestock utilization, respectively. Two wells are located within or close to a management prescription area 'e', which is managed with an emphasis on wildlife habitat.

Minerals development, with appropriate protective measures as included in the proposed project, is compatible with management direction for all of the management areas involved *(LRMP pages IV-5 through IV-13)*.

X. IMPLEMENTATION DATE

If no appeal is received, implementation of this decision may occur no sooner than five business days after the close of the appeal period.

If an appeal is received, implementation may take place 15 days after a final decision is made on the appeal.

XI. ADMINISTRATIVE REVIEW OR APPEAL OPPORTUNITIES

This decision is subject to appeal pursuant to Forest Service regulations at 36 CFR 215. Appeals must meet the content requirements of 36 CFR 215.14. Only individuals or organizations who submitted comments or otherwise expressed interest in the project during the comment period may appeal. Appeals must be postmarked or received by the Appeal Deciding Officer within 45 days of the publication of this notice in the Uintah Basin Standard. This date is the exclusive means for calculating the time to file an appeal. Timeframe information from other sources should not be relied on. Incorporation of documents by reference is not allowed. The Appeal Deciding Officer is Jack Troyer, Regional Forester. Appeals must be sent to: Appeal Deciding Officer, Intermountain Region USFS, 324 25th Street, Ogden, Utah 84401; or by fax to 801-625-5277; or by email to: appeals-intermtn-regional-office@fs.fed.us. Emailed appeals must be submitted in rich text (rtf), Word (doc) or portable document format (pdf) and must include the project name in the subject line. Appeals may also be hand delivered to the above address, during regular business hours of 8:00 a.m. to 4:30 p.m. Monday through Friday.

As the Proponent, Berry Petroleum may appeal the decision under 36 CFR 251. This decision is subject to appeal pursuant to 36 CFR 251.82. Notice of appeal must be postmarked or received by the Appeal Reviewing Officer within 45 days of the certified letter notifying the proponent of this decision. The notice of appeal should be sent to: Jack Troyer, Regional Forester, Intermountain Region USFS, 324 25th Street, Ogden, Utah 84401. A copy of the notice of appeal must be filed simultaneously with Kevin B. Elliott, Forest Supervisor, 355 North Vernal Avenue, Vernal, Utah 84078. Appeals must meet the content requirements of 36 CFR 251.90.

Copies of the Berry Petroleum's 2006 Oil and Natural Gas Exploration Project Environmental Assessment, can be obtained from the Duchesne Ranger District Office, 85 West Main, Duchesne, Utah 84021. The EA, Decision Notice and FONSI, and legal notice will also be available on the Ashley National Forest webpage at http://www.fs.fed.us/r4/ashley/projects/.

XII. CONTACT PERSON

For additional information concerning this decision or the Forest Service appeal process, contact David Herron at (435) 781-5218, or Mike Elson at (435) 781-5223.

/s/ Kevin B. Elliott September 21, 2006

KEVIN B. ELLIOTT
Forest Supervisor
Ashley National Forest

Date

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Categorical Exclusion Review

Proposed Drilling by Berry Petroleum
September 2006

Introduction

Berry Petroleum Company (Berry) proposes to conduct exploratory oil and natural gas drilling operations within a portion of the South Unit of the Ashley National Forest. Their Proposed Action includes the exploratory drilling of up to 29 new wells (14 vertical; 15 directional) from 1 existing and 14 new well pad locations. To facilitate project access, they propose upgrading approximately 3.1 miles (16,220 feet) of existing road/two-track, and construction of up to 3.2 miles (16,800 feet) of new access roads. The Proposed Action consists of an exploratory drilling program designed so that Berry may gather information about the extent and distribution of natural gas resources on their federal oil and gas leases and to assess the economic viability of future production. The proposed drilling would target potential oil and gas producing zones of the Green River formation. All wells drilled would be tested, and if they are determined to be uneconomical, they would be plugged and reclaimed within one year after drilling, completion, and testing are completed. Wells that are identified as economically viable would be connected to gas gathering pipelines and equipped with production equipment so that resources could be recovered for the life of the well.

To analyze the possibility of adverse impacts, from approval and implementation of Berry's proposal, as well as to document site-specific details and determine appropriate design elements and mitigation measures, the Ashley National Forest prepared an Environmental Assessment (EA). This document, titled "Berry Petroleum's 2006 Oil and Natural Gas Exploration Project Environmental Assessment" (2006 Berry EA) was completed in May of 2006, and was made available to the public for comments.

Decision

Subsequent to starting work on the 2006 Berry EA, but prior to issuance of a Decision Notice / FONSI, the Ashley National Forest received additional guidance relative to the recent Energy Policy Act of 2005. In light of this new guidance, I have decided to approve the Surface Use Plan for a portion of Berry's proposed drilling project via Statutory Categorical Exclusions (CE) provided by Section 390 of the Energy Policy Act of 2005. Specifically, I have decided to approve all of Berry's proposed activities relating to the proposed 5-6-65, 5-4-65, 16-5-65, 10-3-65, 2-2-65, 10-2-65, 6-1-65, 5-4-64, 8-2-64, and 8-1-64 well pads, and the existing 6-2-65 well pad, as described in the 2006 Berry EA. This decision includes the approval of Surface Use Plan of Operations (SUPO) for 10 of their 14 proposed well pads including both vertical and directional drill holes, and for a directional drillhole at the existing 6-2-65 well pad. Should the proposed wells prove to be productive, the SUPO also includes installation of production facilities, and operation for as long as they remain productive and economically viable.

As part of this decision, I am requiring all of the mitigation measures and design elements included within the original proposed action, or added to the proposed action during preparation of the 2006 Berry EA, as described on pages 7 through 22 of that EA. Many

of these measures are above and beyond those required by the proponent's lease stipulations, but the proponent has agreed to implement them in order to minimize possible adverse environmental impacts.

Decision Rationale

I have determined that the proposed activities listed above fall within Statutory Category 1 of Section 390 of the Energy Policy Act of 2005. Statutory CE Category 1 allows approval for oil and gas related activities under the following conditions:

> *"Individual surface disturbance of less than five (5) acres so long as the total surface disturbance on the lease is not greater than 150 acres and site-specific analysis in a document prepared pursuant to NEPA has been previously completed."*

Individual short-term surface disturbance for the proposed well pads listed above, including new or upgraded access roads to those pads, would be less than 5 acres for each pad site, with a combined short-term surface disturbance of approximately 35.7 acres, as shown in the table below:

Well Pad Number	Well Pad Disturbance	Access Road Disturbance	Short-Term Disturbance
5-6-65 (proposed)	2.5 acres	0.9 acres	3.4 acres
5-4-65 (proposed)	2.5 acres	- - -	2.5 acres
16-5-65 (proposed)	2.5 acres	- - -	2.5 acres
10-3-65 (proposed)	2.5 acres	2.2 acres	4.7 acres
2-2-65 (proposed)	2.5 acres	0.3 acres	2.8 acres
10-2-65 (proposed)	2.5 acres	1.7 acres	4.2 acres
6-1-65 (proposed)	2.5 acres	2.3 acres	4.8 acres
5-4-64 (proposed)	2.5 acres	2.3 acres	4.8 acres
8-2-64 (proposed)	2.5 acres	1.0 acres	3.5 acres
8-1-64 (proposed)	2.5 acres	- - -	2.5 acres
6-2-65 (existing)	- - -	- - -	0.0 acres
Combined Totals	**25.0 acres**	**10.7 acres**	**35.7 acres**

These disturbance areas are less than both the 5-acre-individual and 150-acre-total disturbance limits allowed under Statutory Category 1. Berry's entire drilling proposal, including 4 additional proposed well sites not included in this decision, has a total short-term disturbance of less than 60 acres, which is still well below the 150-acre limit.

I have also determined that the 1997 Western Uinta Basin Oil and Gas Leasing EIS (1997 Leasing EIS) and Record of Decision, provide the required site-specific analysis in a document prepared pursuant to NEPA documentation. Additionally, the recently completed 2006 Berry EA provides additional site-specific information for this project. Therefore, the proposed activities related to the 10 new well pads, and 1 existing well pad, can be approved via Statutory Category 1 of the 2005 Energy Policy Act of 2005.

Compliance with Applicable Laws
Cultural resources surveys have also been conducted, with concurrence from Utah State Historic Preservation Office (SHPO) that no identified cultural resource sites would be impacted.

A Biological Assessment (BA) was prepared to analyze effects on threatened, endangered, or proposed wildlife and plant species from the proposed project. This BA resulted in a determination of no effect to terrestrial wildlife and plant species. The Biological Assessment also covered four endangered fish species. Consumptive water requirements for drilling and completion of the proposed wells would constitute a small one-time depletion of Upper Colorado River Basin water. Because such depletions have been determined to affect federally listed Basin fish species, the proposed project is likely to affect, and would adversely affect, the endangered fish. However, the U.S. Fish and Wildlife Service (USFWS) has determined that, due to the Recovery and Implementation Plan for endangered fish species in the Basin, these populations have demonstrated recovery from prior conditions. The USFWS has determined that payment to the Recovery Program for consumptive water depletions represents a reasonable and prudent alternative for continued recovery of these species. For small depletions, those less than 100 acre feet annually, no payment is required. Further, the nearest occupied habitat for these species is in the Green River, a minimum of 65 miles from project activities. The potential impacts to endangered Upper Colorado River Basin endangered fish species are therefore effectively mitigated for this project.

In reviewing the proposed project, and the EA that was prepared during project analysis, I have determined that the actions and SUPO being approved are in compliance with all applicable laws.

Summary
As noted and described above, the activities proposed by Berry Petroleum, for 10 of their 14 proposed well pads, and for additional drilling at their existing well pad, can be approved under Statutory CE Category 1 of Section 390 of the Energy Policy Act of 2005. Thus, the standard procedural mechanism for compliance with NEPA does not apply. These activities are consistent with the Ashley National Forest Land and Resource Management Plan. The Surface Use Plan for the proposed activities, related to the 5-6-65, 5-4-65, 16-5-65, 10-3-65, 2-2-65, 10-2-65, 6-1-65, 5-4-64, 8-2-64, 8-1-64, and 6-2-65 well pad sites, is hereby approved with the Conditions of Approval as specified in the 2006 Berry EA.

/s/ Kevin B. Elliott — September 21, 2006

KEVIN B. ELLIOTT — Date
Forest Supervisor

Content Analysis and Summary of Comments
And Forest Service Responses

Berry Petroleum 2006 Oil and Natural Gas Exploration Project
Roosevelt/Duchesne Ranger District
Ashley National Forest

Environmental Assessment - Dated May 2006

The following organizations sent letters or e-mail communications to the Ashley National Forest, in response to the 30 day comment period following publication of the *Berry Petroleum 2006 Oil and Natural Gas Exploration Project Environmental Assessment* (EA). The EA was published in hard copy format and posted on the website of the Ashley National Forest (http://www.fs.fed.us/r4/ashley/projects) on May 16, 2006. The formal comment period ended June 15, 2006. Two comment letters were received:

I. **State and Federal Agencies** (one comment letter)

- United States Fish and Wildlife Service - Mr. Henry R. Maddux

II. **Private Individuals and Organizations** (one comment letter)

- Utah Environmental Congress - Mr. Kevin Mueller

No comments were received from local governments.

The content analysis/summary of each comment within each of the two letters, and corresponding Forest Service responses are presented below.

I. State and Federal Agencies - (one comment letter)

A. USDI Fish and Wildlife Service - Henry Maddux

1. General Comments

a) The EA does not provide information regarding the potential for successful reclamation after surface disturbance. The EA states the soils are dry to very dry (page 40) and there is low precipitation (page 44) throughout the project area. The EA also states there is an increased potential for noxious and invasive weed establishment because of project activities (page 23). Therefore, successful reclamation may be more difficult to achieve than in more favorable environments.

Forest Service Response
It may be more difficult to successfully reclaim project disturbances, compared to other areas, due to the naturally dry soils. However, we have seen successful natural reclamation of similar disturbances from past activities. To help assure that surface reclamation will be successful, the proponent will secure a reclamation bond with the BLM and USFS (See page 18 of the EA). To prevent establishment of noxious or invasive weeds, the proponent would also implement an intensive reclamation and weed control program after each segment of project completion. Portions of well pads and other project disturbances no longer required for continued operations would be reclaimed and reseeded. Weed control and monitoring would be conducted by the proponent throughout the life of the project (see page 21 of the EA).

2. Vegetation

a) The additional best management practices (page 44, first bullet) state that "Vegetation and/or structural measures to control erosion would be implemented within 60 days of initial soil disturbance..." While structural measures can be installed at any time, seeding should occur when appropriate for the area to ensure germination of the seeds. If this is not feasible, then the seeds should be protected from wind and erosion by covering them with mulch.

Forest Service Response
Reclamation seeding will be done in a manner that encourages seed germination and growth of appropriate species. Seed burial, mulching, or other methods may be required if timing is not optimum for seed germination. The 60-day limit was imposed to ensure that seeding is not postponed indefinitely.

b) Affected environment (starting on page 44) should include a section on invasive species (since they are indicated as occurring within the project area on page 23 in addition to the section on noxious weeds.

Forest Service Response

Although project related activities could increase the potential for invasive species to become established within the Project Area, they are not discussed in the Affected Environment Section because these species are not currently a major component of the Project Area.

c) The EA considered 41.7 acres as being impacted over the life of the project (page 49). However based on the potential for noxious and invasive weeds (page 23) and the existing soil and weather conditions (page 40 and 44) as stated above, we recommend considering all disturbances as having long-term impacts.

Forest Service Response
Not all project disturbances are considered to be long-term, because we anticipate being able to successfully reclaim the short-term surface disturbances. To prevent establishment of noxious or invasive weeds, the proponent will implement an intensive weed control program concurrent with and following project activities. Weed monitoring and reclamation measures would be continued on an annual basis (or as frequently as needed) throughout the life of the project (page 21).

3. Listed Plant Species

a) The first bullet under the best management practices for listed plant species states "... or a professional botanist would relocate the plants after approval from USFWS." We do not recommend removal of listed plant species. If listed plants are found to occur we recommend that the Forest Service reinitiate Section 7 consultation with our office prior to ground disturbing activities as effects to the species are not discussed within the EA.

Forest Service Response
We are not aware of any listed plants that actually occur within the project area. In the quote above, we note that plant relocation would not occur without prior approval from USFWS, implying appropriate consultation procedures. We also note that our first and favored option would be to move, re-route, or drop particular well pads or roads from the proposal, to avoid impacts to listed plant populations.

4. Raptors

a) The Utah Field Office Guidelines for Raptor Protection from human and Land Use Disturbances (Raptor Guidelines) (Romin and Muck 2002) were developed to provide consistent application of raptor protection measures statewide and provide full compliance with environmental laws regarding raptor protection. The Raptor Guidelines (Romin and Muck 2002) recommend a buffer of 0.5 mile surrounding any raptor nest. We recommend increasing the survey area from ¼-mile (pages 54 and 74) to ½-mile to ensure adequate protection can be afforded to breeding raptors. Individual nest location, the nesting pair, vegetation in the area, and topology present between the nest and proposed well pad and road ROW will help define the final distance and time of year construction should occur with respect to the nest.

Forest Service Response
In order to determine the spatial buffers for raptor nests, Ashley National Forest biologists reviewed several factors including topography, vegetative screening, and available raptor nesting habitats in the Project Area. When these habitat features were compared to proposed development locations in the Project Area it was determined that physical structures (i.e., woodland vegetation, topographical features, etc.) would be present around all proposed development locations such that impacts associated with project activities would be reduced. To ensure adequate protection, all areas within ¼-mile of proposed development locations were surveyed for raptors. No active raptor nests were identified.

5. Golden Eagle

a) In addition to the spatial distance between nests and activities described above in the Raptors section, we recommend increasing the timing restriction within ½-mile of a golden eagle nest to January 1 to August 31. This will allow adequate protection for early nesters. In order to provide additional protections for the golden eagle, we recommend removing carrion within 100 feet from roadways, as safety allows within golden eagle foraging range.

Forest Service Response
Timing restrictions in the EA already preclude project activities from occurring between April 30th and August 31st, if an active raptor nest is found. In addition, timing restrictions in the EA for protection of elk during the winter preclude project activities from occurring between November 15th and April 30th. These timing restrictions would protect nesting raptors during the suggested time period (January 1st to August 31st). If an active golden eagle nest is documented within the Project Area, Ashley National Forest biologists will determine the spatial restrictions related to the nest based upon relevant factors such as topography, vegetative screening, and season of use.

6. Effects to Federally Listed Fish Species

a) Page 15 estimates water use at 28 acre-feet while page 111 estimates 37.4 acre-feet will be needed for project activities. Please clarify and make consistent throughout the document.

Forest Service Response
Berry would utilize 290,000 barrels (28.0 acre-feet) of water over a period of two to three years for drilling and completion of the proposed wells.

b) Water depletions from any portion of the occupied drainage are considered to adversely affect or adversely modify the critical habitat of the endangered fish species (Colorado pikeminnow, bonytail, razorback sucker, and humpback chub), regardless of whether water is taken from existing permitted sources (page 57, third and forth bullets). The Forest Service should determine whether consultation has already occurred on the water use permits. If

consultation has not occurred and the water depletion has been permitted since 1988 (the inception of the Recovery Program), section 7 consultation with our office should be initiated. For depletion of 100 acre-feet or less, there is no depletion fee because the Recovery Program has made sufficient progress to be the reasonable and prudent alternative to avoid the likelihood of jeopardy to the endangered fishes and to avoid destruction of adverse modification of their critical habitat.

Forest Service Response
The Forest Service has completed Section 7 consultation with Fish and Wildlife Service regarding this project, including the proposed water usage.

7. General Wildlife Species

a) The short-term loss of habitat of 58.6 acres should be changed to long-term. Larger mammals and some bird species are displaced by forest service roads and may suffer habitat loss and displacement as a result. Roads tend to create habitat edge thereby favoring species that utilize this habitat. In addition, roads are a conduit for noxious and invasive species spread.

Forest Service Response
The 58.6 acres of short-term disturbance describes those habitats initially disturbed as a result of project activities. Portions of these areas would be reclaimed and would be available for use by wildlife. Page 72 of the EA discusses the potential impacts of displacement from human disturbance, traffic, and construction activities. To prevent establishment of noxious or invasive weeds, Berry would implement an intensive weed control program.

8. Floodplains

a) Given that well pads and roads will change the hydrology of the area (by diverting ephemeral drainages, page 109); the impacts to the system are expected to be long term. Ephemeral streams can serve as crucial refugia for amphibian species and are important nutrient sources for downstream biota. Impairment of these functions can result from construction activities and permanent structures. In addition, in flashflood prone systems, even ephemeral streams, are subject to catastrophic storm events. Therefore, ephemeral streams, especially those tributary to streams with sensitive species, should be afforded the same level of protection as perennial waters. To be consistent with the intent of Executive Order No. 11988 (Floodplain Management), we do not recommend sitting well pads in close proximity to ephemeral drainages especially those that need to divert drainages around the pads. We recommend use of the Oil and Gas Pipeline Crossing Guidance, minimization of crossings, and no placement of reserve pits or other contaminant-containing structures in areas prone to flash floods (i.e., wells should be developed using closed-looped drilling and Conditions of Approval should ensure no hazardous materials are stored onsite).

Forest Service Response

None of the diverted drainages exhibit riparian vegetation, or would provide suitable habitat or refuge for amphibians. As stated in the EA (page 109), where well pad locations would occur within 200 feet of perennial or ephemeral stream channels, erosion control structures would be placed to minimize and control surface water runoff from the well pad surfaces. These erosion control measures would include earthen berms surrounding the well pad to direct storm water away from the disturbed surfaces, and energy dissipating devices such as straw bales and silt fences in areas where the possibility of erosion exists. Additional erosion control structures would be constructed as needed at each well pad in consultation with the Forest Service. In addition, reserve pits would not be located in natural drainages, in areas where surface water runoff could enter the pit or damage the pit berms, or where flood hazards exist.

II. Private Individuals and Organizations - (one comment letter)

A. Utah Environmental Congress - Kevin Mueller

Comments from Kevin Mueller and the Utah Environmental Congress include comments directed to the EA in question, as well as a considerable volume of other documents specifically incorporated by reference. These other documents include prior comments from UEC on the Berry project, relative to public scoping, prior comments relative to other past and present Forest and non-Forest NEPA projects, as well as summaries of various independent and previously published reports. Those comments deemed applicable or relevant to this project have been summarized below.

1. UEC Comments Specific to the Published Berry EA

a) We incorporate by reference into these comments our 62-page scoping comment letter on this proposed action, dated June 21, 2006. We also incorporate by reference our 65 pages of comments on the EOG new oil/gas well proposed action, dated May 18, 2006. Many issues and concerns raised in these scoping/comments have not been addressed or responded to in this subsequent EA.

<u>Forest Service Response</u>
All comments from internal and public scoping, which were deemed to be relevant to the project, have been addressed in the EA. As discussed on page 5 of the EA, some of the issues or concerns raised during scoping were deemed to be non-key issues, and were therefore eliminated from further study. Non-key issues are those which are 1) outside the scope of the Proposed Action; 2) already decided by law, regulation, Forest Plan, or other higher level decision; 3) irrelevant to the decision to be made; or 4) conjectural and not supported by scientific or factual evidence.

b) Characterizing this 29 well proposal as "exploratory" is simply disingenuous.

<u>Forest Service Response</u>
We consider this proposal to be exploratory in nature, and therefore have characterized it as such. The location and spacing of the proposed wells, in areas of untested petroleum potential are characteristic of exploratory drilling. However, whether this project is characterized as

being exploratory, or not, does not change the fundamental nature of the proposal, increase or decrease the potential for adverse impacts, increase or decrease the proponent's existing lease rights, or change our analysis or decision to either approve or disapprove of the proposed activities. We feel we have adequately and accurately disclosed the nature of the proposed action.

c) This is also in conflict with the disclosure and analysis in the Western Uinta Basin FEIS/ROD that this is tiered to.

Forest Service Response
We see no conflict with the 1997 Western Uinta Basin Leasing EIS. The leasing EIS was concerned primarily with deciding which lands would be made available for minerals leasing, and what stipulations should be attached to any subsequent leases.

As part of the disclosure process, that EIS attempted to predict and characterize any reasonably foreseeable development that might occur, in the following 10 to 15 years, based on available data at that time. The EIS predicted and disclosed, 9 years ago, that 6 exploratory and 30 development wells might be proposed and drilled within the following 10 to 15 years. We note that only one exploratory well has actually been drilled on the Forest since that time. We also note considerable increases in petroleum prices, relevant changes in world politics, and improved technology for the petroleum industry since the EIS was published.

d) As we commented in scoping, the Forest must prepare an EIS.

Forest Service Response
The Forest Service considered your scoping comments, and determined that an EIS will not be required.

e) The Forest also must proceed with alternative development, which has literally not been done in the EA. It seems obvious, but apparently not, but there is a need to develop a 3-4 exploratory well action alternative to the 29 well proposed action. See the oil and gas EIS this EA is tiered to, which supports this proposition. This would more than meet needs for any exploratory drilling, and may work to resolve the presence of significant effects to TES/MIS resources, wetlands, IRA, and is consistent with the two other EIS's that this project is tiered to.

Forest Service Response
The Forest Service did not identify any additional alternatives, which were deemed viable and reasonable. Early and lengthy discussions with the proponent brought about several changes to the proposed action, which made analysis of additional alternatives unnecessary. An alternative that included only 3 or 4 wells was not considered viable, as it would not meet the purpose and need, either for the Forest Service or the proponent. The proponent would like to explore the entire northern boundary of their lease area for potentially economic oil and gas deposits, and has proposed doing so in a logical, straightforward, and reasonable way. Artificially

segmenting their proposed action into one or more smaller actions, simply to generate additional alternatives, would not be prudent, and would not be consistent with the intent of NEPA. There is no need to develop extra alternatives, which are not viable, and do not meet the purpose and need for the Forest Service or the proponent.

As part of the disclosure process, the 1997 Western Uinta Basin Leasing EIS attempted to predict the magnitude and nature of future oil and gas activities, based on available data at that time. The EIS does not say or imply that the predicted level of activity (6 exploratory wells and 30 production wells) would satisfy any Forest Service or industry needs, or that the prediction would somehow represent a viable alternative to an actual proposal, based on additional information beyond what was available in 1997.

f) The proposed action and its effects analysis are not consistent with the two EIS's it is tiered to and involves significant direct, indirect and cumulative impacts.

Forest Service Response
We see no inconsistencies with the 1997 Western Uinta Basin Leasing EIS. We assume that the implied second EIS refers to our Forest Plan, and we see no inconsistencies with that document either. The proposed action was carefully evaluated by our interdisciplinary team, for direct, indirect, and cumulative impacts, and the results of our evaluation and analysis can be found in our EA.

g) It was disappointing to hear on the radio that ANF staff told KCPW (after I gave them your number) that this proposed action includes no more than 5 exploratory wells. You know that this EA considers 29 wells.

Forest Service Response
This proposed action includes up to 29 proposed wells, from 14 proposed well pads, and one existing well pad, as clearly noted within the EA and elsewhere.

We were similarly disappointed with the content of the radio broadcast, noting several factual errors and important omissions. During our lengthy interview with KCPW staff, we clearly informed them that the Ashley National Forest had 2 active oil and gas drilling proposals: one from Berry Petroleum, and another from EOG Resources. The broadcasted quote reflected the EOG proposal. We apologize for any misunderstandings that KCPW may have generated.

h) The paleontological section of the EA is not supported by sufficient data to support a FONSI. "Brief field reconnaissance" conducted by USFS staff for the Sowers seismic exploration project in 2005 is not sufficient to support a FONSI. It actually highlights a need to prepare an EIS and need to do more than "brief field reconnaissance" due to uncertainty of presence of potentially significant effects to paleontological resources. The above is particularly obvious in light of paleo and current debris flows and fans known in all of the Project area drainages, and the fact that the proposed action will increase frequency and intensity of debris flows across the area.

Forest Service Response

As clearly noted on page 33 of the EA, a site-specific reconnaissance was also conducted for all of the proposed well pads, with no significant fossils being identified at any of the sites. The earlier "brief field reconnaissance" was conducted to establish the general nature, distribution, and overall abundance of paleontological resources within the overall South Unit area. It resulted in the conclusion that most bedrock outcrops within the South Unit were devoid of obvious fossils, whether classified as significant or not. An EIS is not required for paleontological resources, as none were noted during site-specific field surveys, no impacts to significant paleo resources are anticipated, and appropriate mitigations are in place to protect or recover any significant fossils that may be inadvertently discovered.

Although numerous debris flow fans do occur within the project area, they do not occur at all proposed project sites, or in all project area drainages. Debris flow fans within the project area are primarily of quaternary age, and are not known or expected to contain significant paleontological resources.

Debris flows within the project area are generally initiated high on steep canyon walls, as a result of runoff from high-intensity summer thunderstorms. The proposed action would not affect the frequency or intensity of debris flow events, as none of the activities would be located on steep canyon walls, where the debris flows are initiated, nor would the project be expected to influence the timing or intensity of summer thunderstorms.

i) The EA's table that compares impacts of alternatives to TES and MIS resources says the proposed action "would not affect" these resources. However, there will be direct, indirect, and cumulative impacts (that are disclosed, as well as others that are not yet disclosed in this draft EA) to sensitive and MIS species such as sage grouse, spotted bat, Townsend's big eared bat, golden eagles, Lincoln's sparrow, song sparrow, elk, mule deer, and macroinvertebrates.

Forest Service Response

Table 2-3 (page 23) of the EA notes and discloses short term impacts to various wildlife species. However, these impacts would not have substantial or lasting effects to wildlife, as discussed in the Wildlife Section of the EA (pages 51 through 80). The statement in Table 2-3 was intended to suggest that there would be no long term or substantially adverse impacts to these wildlife species.

j) The analysis on page 75-on in the EA to Sage grouse directly conflicts with UDWR 2005 Greater Sage Grouse Lek studies. For example, the EA says "true" sage grouse use areas are only on higher elevation ridge lines. The 2005 UDWR report does note that this is the only place ANF staff have looked recently. It also notes that there are two low elevation leks, Sand Wash and Wells Draw, have effectively been abandoned in the last 5 or so years. These are just to the north in the area that Berry et all has already built oil/gas wells. "This area has been heavily impacted by oil/gas development. Several active wells and a compressor are located near this lek" (UDWR 2005 Anthro Mountain summary).

Forest Service Response
The Forest Service has intensively monitored and studied sage grouse distributions and populations on the South Unit for the last five years, in cooperation with the UDWR. As determined from our studies, and as stated in the EA, sage grouse habitat use within the South Unit has primarily been on the sage brush ridge tops to the south of the currently proposed project area. Our study has not identified substantial use of lower elevation habitats within the South Unit. The EA, BE, and MIS Report all evaluate and analyze effects to sage grouse from the project. The Sand Wash and Wells Draw leks are not located within the Ashley National Forest, and therefore are monitored by the UDWR.

k) The EA also omits effects issues related to this UEC has already raised in earlier comments. One example being the already documented (detrimental) impacts to sage grouse from increased spread of viruses such as West Nile from the increases in standing water from this proposed type of oil/gas development.

Forest Service Response
The given example is not an issue that UEC has previously raised, relative to this project. However, our team considered this issue prior to completion of the EA, and determined that it was not a significant issue, and did not require further analysis or disclosure. Per the mitigation measures already incorporated with the proposed action, water-filled reserve pits will be drained and backfilled and reclaimed as soon as reasonably possible, following the drilling of each well. Reserve pits would also be fenced, to discourage wildlife from accessing them until reclaimed.

It is acknowledged that west nile virus has been found to infect and cause mortality in some sage grouse populations. However, several sage grouse carcasses from the Anthro Mountain population with unknown causes of death have been tested for west nile virus, and the tests were negative. The temporary nature of the proposed reserve pits would result in a negligible increase in mosquito habitat, when compared to the amount of water in stock ponds, water troughs, guzzlers, and other water developments in the area that currently provide continued breeding habitat for mosquitoes.

l) We encourage a commitment to full adherence to the objectives, monitoring, standards, and guidelines of INFISH, as is implied –but not committed to- in the draft EA.

Forest Service Response
Comment is acknowledged. INFISH guidelines have been considered, and will be followed as appropriate, relative to actual site-specific habitat potential.

m) There seems to be no way to avoid sub-standard water quality and aquatics conditions with implementation of the proposed action, given natural site conditions combined with cumulative

impacts of past actions that are detrimental, but never disclosed. This is another reason why full alternative development is needed, as well as an EIS.

Forest Service Response
Although some drainages within or near the project area do exhibit substandard water quality, this occurs primarily from naturally occurring geologic and climatic conditions (e.g. highly erosive soils, saline bedrock facies, and high-intensity rain events). None of the proposed activities are located immediately adjacent to aquatic habitats or flowing streams. Implementation of the proposed action would have little or no adverse impact on water quality, and as such, no additional alternatives are needed. The Forest Service has determined that an EIS will not be required.

n) We recently got an appeal decision from this Forest saying you are planning right now under the 2005 NFMA rules. This is a big problem, as planning under that context is under Forest Plans that –by regulatory mandate- do not contain standards, decisions, or commitments. We incorporate by reference UEC's comments sent to the ANF earlier this year in response to your NOI to switch plan revision to the 2005 NFMA rules.

Forest Service Response
As discussed at our April 5th meeting, we are implementing our Forest Plan under the transition language found at CFR 219.14 in the 2005 planning regulations. One option available under the transition language is that we continue to implement under the 1982 rule. Until an EMS is in place, the Forest is using the current Forest Plan based on the 1982 regulations to develop and implement projects. If during this transition, the Forest Plan needs amending, amendments to the Plan would be based on the 1982 NFMA regulations as well.

o) In conclusion, in light of the legal, procedural, and substantive problems and reasons outlined, it is obvious now that, if the impacts are not clearly significant, the impacts may be significant, and an EIS is necessary.

Forest Service Response
The Forest Service has determined that an EIS will not be required. Following a careful review of your comments, we continue to believe that the EA adequately addresses and discloses all relevant and substantive issues, relative to the proposed action, and that none of the purported or implied legal, procedural, or substantial problems have merit.

2. Additional Past UEC Comments, Relative to Berry Public Scoping

a) This proposed action, as noted above, is for up to 29 miles of oil/gas wells. To characterize this as just exploration would not be honest. This is a large oil/gas development proposal. In fact, this is substantially larger than any oil/gas development proposed action contemplated on any National Forest in Utah since UEC formed in 1998.

This proposed Berry action is one component of the larger oil and gas development action on the south unit, which is essentially oil and gas field development of the largest scale seen on the Ashley NF to date, and the largest field development action on any Forest in Utah in many years.

In reality the known facts are that the south unit is undergoing oil and gas field development of fields or plays that are already known to be economically viable and have already been (or are) in various stages of oil and gas field development to the north, east and south of this unit of Forest Service land. Even just to the west, the Uinta NF is presently scoping yet another oil-gas well construction project in the starvation ridge area.

Forest Service Response

The difference between exploration and development activities is related to the purpose for the wells, and the complexity, nature, and size of the resource deposit being sought or explored, and not simply to the scale or number of wells being proposed. Similarly, a lack of numerous or similar drilling proposals, in the quite recent past, does not change the size or nature of the current proposals, or somehow elevate them from exploratory to development. Although UEC acknowledges not having experience with similar or larger proposals in the past, that also, by itself, does not make the current proposals extraordinary or unusual for the industry in any way, nor does it somehow alter their exploratory nature.

Finding economic oil or gas reserves, or other minerals, several miles to the east, west, or south of a given area is no guarantee that the given area will contain similar minerals or economic oil or gas reserves. This is especially true when surrounding deposits are known to be discontinuous, irregular in outline, and somewhat different in nature. Many economic mineral deposits are highly localized and irregular in outline, and require considerable technical science and risk, to accurately determine the locations and economic and geologic limits of such deposits.

The Forest Service disagrees that it is a known fact the South Unit is currently undergoing field development, particularly since the petroleum industry itself cannot accurately predict future development without further exploration and data. If Berry Petroleum was certain that large and economically viable oil and gas deposits existed within their lease areas, and could reliably determine the outline of those deposits, we would expect them to propose numerous drillholes at production spacing, filling and following the irregular outline of a known deposit, rather than the widely spaced fence of exploratory drillholes currently being proposed.

In order to maintain perspective on the level of development on the South Unit, we note that there is currently only one producing oil and gas well on the South Unit.

b) There is also an experimental component of the proposed action, which is to assess the technical and economic viability of directional drilling. Should the assessment of this technique not prove effective... it is reasonably foreseeable that the number of roads and drill pads may be significantly greater than currently assumed or described.

Forest Service Response

The proposed action includes the drilling 14 vertical exploratory wells, from 14 new well pads, along with needed construction or upgrading of access roads to reach the proposed drilling sites. The proposed action also includes the possibility of drilling an additional directional well from each of the 14 newly proposed well pads, as well as from their currently existing well pad. If directional drilling does not prove to be technically or economically viable, then that portion of the proposal would not be fully completed. No additional roads or well pads would be constructed, simply because the proponent chooses not to drill some of the wells being proposed.

c) Berry Petroleum already has one active well in the project area that is currently producing both oil and gas. In conflict with FS directives, the exploratory characterization provided to the public for that well, and presented in the DM was never accurate. The company and the Forest were aware that is was really development, not exploration.

Forest Service Response

See our previous comments regarding exploration. Berry's 6-2-65 well was clearly exploratory at the time it was proposed, when it was approved, and when it was drilled. Although Berry was certainly hoping to discover thick black petroleum, it was unclear how much would be encountered, and whether or not the well would prove to be economically viable. After drilling and testing were completed, the well did prove to be economically viable, producing considerable and unexpected quantities of natural gas, in addition to the thick black petroleum being sought. That the well subsequently proved to be economically viable, however, does not change the exploratory nature of the well when it was being proposed and drilled.

d) It is obvious that the greater action or proposal for oil and gas field development across the south unit of the Duchesne RD is a major federal action with effects so obviously significant that need for and EIS is obviated. We urge the Forest to file a NOI to prepare an EIS and commence scoping for that as soon as possible.

Forest Service Response

The Forest Service has carefully evaluated the proposed action and related issues, and determined that an EIS will not be required. While there are currently several proposals for mineral exploration, within the South Unit of the Ashley National Forest, they do not constitute small parts of a greater or unified action. Current proposals are clearly independent from each other, coming from different companies, seeking different commodities, in different ways, and from different rock layers, structures, or areas. To characterize all current and future exploration or development as a single greater action is inaccurate.

e) The Forest needs to file an NOI to prepare an EIS because of the appeal resolution agreement that the Forest and the UEC both signed on June 8, 2005. Any future oil and gas well project on the south unit of the Duchesne Ranger District will begin with the assumption that an EIS is required and will be scoped as such, and an NOI to prepare an EIS will be filed in the Federal Register. The Forest has not but still can and must file a NOI to prepare and EIS in the Federal Register and scope this project as an EIS.

Forest Service Response

The first item of the appeal resolution agreement (Item 1) states that future oil and gas well projects would start with the assumption that an EIS is required, and that an NOI should be published in the Federal register. However, the agreement does not stop after that first item. Following Item 1 are several additional items, which clearly build upon, modify, and provide exceptions to it.

Item 2 clearly states "If at any time during the analysis, the deciding official feels that a Finding of No Significant Impact (FONSI) can be supported or a CE is contemplated" the responsible official would notify interested parties of the change, provide a comment period on the use of a CE or EA/FONSI, and provide an opportunity to discuss our rationale with UEC. We provided a 30-day comment period for the EA. We also feel that our rationale for not needing to prepare an EIS was clearly presented and discussed with UEC during our April 5, 2006 meeting.

Item 3 then builds on this, by the Forest Service agreeing to release the EA for an official 30-day comment period, if the deciding officer affirms that an EA and FONSI are appropriate for a particular well drilling project, rather than an EIS. As noted above, we released the EA for a 30-day public comment period.

Item 4 of the agreement then modifies and builds on Item 1 again, by noting that for oil and gas wells that are deemed exploratory, the option remains to use CE's as appropriate. The proposed wells are obviously exploratory, as discussed above, as discussed at length in our April 5th meeting, and as described in the EA that was prepared for this project.

f) CEQ regulations at section 1508.27(7) tell agencies to consider whether the action is related to other actions with individually insignificant but cumulatively significant impacts. Significance exists if it is reasonable to anticipate a cumulatively significant impact on the environment. Significance cannot be avoided by terming an action temporary or breaking it down into small component parts. The present compartmentalization of effects via oil and gas development on the south unit via breaking the action apart into smaller components, each approved via CE or EA instead of proceeding with an EIS is just this.

Agencies are not allowed to avoid their responsibilities for cumulative effects analysis under NEPA by artificially dividing a larger plan or action into smaller components

Forest Service Response

Cumulative effects from the proposed action are clearly considered, discussed, and disclosed in the EA. The Forest Service is not breaking apart or compartmentalizing proposed oil and gas exploration on the South Unit, as no single larger action exists to be segmented. Current exploration proposals are clearly independent from each other, coming from different companies, seeking different commodities, in different ways, and from different rock layers, structures, or areas. To characterize current and future exploration or development as a single greater action would be inaccurate.

g) We are concerned about irretrievable and irreversible commitments of roadless and wilderness resources for this region.

The UEC hereby incorporates by reference GIS coverage of our roadless area inventory into these comments. The UEC also requests that the development and analysis of the proposed action and range of alternatives treat our roadless area inventory as a driving issue. We believe that our roadless area inventory should be a driving issue because you are currently in Forest Plan Revision and are in the process of developing a roadless inventory pursuant to the same System-wide criteria that we used.

Forest Service Response
Potential impacts to special management areas, including inventoried roadless areas, are discussed in the EA on pages 119-123. Possible future modifications to our roadless inventory, based on recommendations from UEC, are beyond the scope of this EA and decision.

h) Various comments relative to the migratory birds, the Migratory Bird Treaty Act, and Executive Order 13186. UEC recommends that you conduct activities outside critical breeding seasons for migratory birds, minimize temporary and long-term habitat losses, and mitigate all unavoidable habitat losses. If your activities occur in the spring or summer, we recommend you conduct surveys for migratory birds to assist you in your efforts to comply with the Migratory Bird Treaty Act.

Forest Service Response
Bird surveys were conducted within the project area in the spring of 2006. The results of this survey can be found in the Migratory Bird Survey and Raptor Nest Inventory Report prepared for this project, the MIS Report, Biological Evaluation, and the EA. Potential impacts to various migratory bird species, including Forest Service-Sensitive and Management Indicator Species, are discussed throughout the wildlife section of the EA, and are specifically addressed on pages 52-53 and page 73. Detailed information regarding special status migratory birds potentially occurring in or near the Project Area is presented in the Biological Evaluation and Management Indicator Species Evaluation reports available for inspection at the Duchesne Ranger District.

i) This triggers the need for a roads analysis on the south unit sufficient to inform decisions removing and adding all maintenance level roads involved. We understand that the development of the Roads Analysis Report (RAP) and the Report itself is not required to be a part of a NEPA process, but it may be done as such.

Forest Service Response
A Forest-wide roads analysis has been completed.

j) The economic cost of the proposed new road construction must be rigorously evaluated. The Forest already has a huge maintenance and deferred maintenance backlog. Addition of new classified road will only compound this problem.

Forest Service Response

New or upgraded roads would be built and or maintained by the proponent for the life of the project. Therefore the Forest Service would not incur increased road maintenance costs from this project.

k) Will the Forest issue the surface plan of operations, and do you think that any agency is charged with protection of surface resources in the area other than the Forest Service? We expect that the Forest Service will ensure that it fulfills its duties to protect surface resources and values. While we assume that leases have been issued? If any are pending or not final, if harm to such resources cannot be prevented, the BLM may not issue the leases over the objection of the Forest Service.

Forest Service Response

The Forest Service does not "issue" a "Surface Plan of Operations" for oil and gas-related activities. As required by law, the Surface Use Plan was submitted to the BLM by the proponent, as part of the formal Application for Permit to Drill (APD) package. When the surface in question is managed by the Forest Service, the BLM forwards the Surface Use Plan to the Forest Service for review and approval. When the Surface Use Plan is approved by the Forest Service, any needed mitigations or conditions are then forwarded back to the BLM, who attach them to the APDs as Conditions of Approval (COA). The BLM then approves the Drilling (or subsurface) Plan, adds whatever additional subsurface requirements or mitigations that they may have, and signs the APDs, thereby authorizing the drillholes to be drilled. With that in mind, the Forest Service is fully responsible for appropriate protection of surface resources, as well as balancing that protection with various other public needs, rights, and laws.

The proposed project would take place entirely within existing leases.

l) A surface resource of particular concern is the Colorado River Cutthroat Trout populations and habitat in the cumulative effects areas, as well as effects to TES species down stream. All project-related structures, roads, and development should be located outside of the riparian habitat conservation area so that adverse effects to this population are avoided. Suitable and more importantly effective mitigation that avoids all impacts at every opportunity possible should be integrated into the project design to prevent any harm to TES and MIS fish and wildlife and plants. Impacts that are direct, indirect, and cumulative to the watersheds and the TES and MIS plants and animals both on the ridgelines and down the watersheds below must be treated as significant, driving issues in the NEPA analysis.

Forest Service Response

No fisheries occur within the Project Area. The nearest population of special status fish species occurs approximately 65 miles downstream of the Project Area. Potential impacts to these

species are discussed in the Wildlife section of the EA (pages 51-80). Cutthroat trout are specifically discussed on pages 60-62. Cutthroat trout do not occur in or near the Project Area and therefore are not discussed in the impacts section.

Suitable and appropriate mitigation was built into the Proposed Action, as deemed necessary to protect TES, MIS and other surface resources. A Biological Assessment, Biological Evaluation, and Management Indicator Species Evaluation have been completed in conjunction with the EA.

m) A BE/BA needs to be prepared and used to inform the development of the range of alternatives (if any), including the proposed action in the EA that should be prepared. Consultation with the FWS, and a BO is needed. Failure to do this may be inconsistent with the ESA, as well as FSM/FSH, NFMA, and Forest Plan direction relating to maintaining and improving populations and habitat for TEPCS species' populations and their habitat.

Forest Service Response

A Biological Assessment, Biological Evaluation, and Management Indicator Species Evaluation have been completed in conjunction with this project and EA. We have been in consultation with the Fish and Wildlife Service, and have their concurrence for this project.

n) Since habitat for mollusks, amphibians and tall forbs are directly impacted by current and proposed projects such as this, the Forest needs to consider if it should modify the proposed action such that it address and resolves all direct and indirect impacts to mollusks, native amphibians and tall forb communities and their habitat. You need to do project level surveys for Uinta Mountainsnail, as the FWS reports that populations have recently been discovered in this region, when in the past is was only found on the south slope of the Uintas.

Forest Service Response

No impacts to tall forbs are expected, since disturbance associated with the Proposed Action would be limited to sagebrush-grasslands.

Habitat for mollusks and native amphibians, within or adjacent to project activities, is limited to Sowers Creek. The only project activities planned along Sowers Creek are located well away from the creek itself, and the associated riparian areas.

The Fish and Wildlife Service found no evidence that the Uinta Mountain snail is a separate species, or that it merits listing (USDI F&WS 2005). There are only two locations on the Forest that the Uinta Mountain snail was suspected to inhabit, and only one location on the District. The nearest suspected location is on the south slopes of the Uintas, and is more than 50 miles north of the project area.

o) This is in Lynx habitat that has been used in recent years, and is in Lynx corridor designation. The proposed action would need to incorporate Lynx Conservation Assessment and Strategy (LCAS) standards and guidelines. Remember, lynx have crossed this area within the last few years, and may be in or return again in the near future We encourage the Forest to implement mitigation measures in the proposed action that significantly exceed the LCAS standards and guidelines. In addition to simple incorporation of LCAS standards and guidelines, we request that the DEIS and FEIS include rigorous analysis of the direct and indirect cumulative effects of past present and reasonably foreseeable grazing, logging, mining, and recreational impacts to Lynx and Lynx habitat.

Forest Service Response
While a transient collared lynx was documented crossing the south slope of the Uinta Mountains, no lynx have been documented on the South Unit, or within the project area, where lynx habitat does not occur.

p) We urge the Forest not to approve or consent/concur to this proposed action at this time. UEC does not want the Forest Service to allow this activity in this beautiful and very visible area.

Forest Service Response
Comment is acknowledged. No response needed.

q) There are presently also many substantive and procedural violations of law, regulation and policy at this time that may be triggered by proceeding with the proposed action without sufficient cumulative impacts analysis, a complete description of the proposed action, and changes in management direction for the area.

Forest Service Response
We feel that the Proposed Action has been described sufficiently well for all reasonable needs and analysis, and that the EA adequately addresses cumulative impacts. Despite a careful review of your numerous comments, we do not believe there have been any substantive or procedural violations of law, regulation, or policy.

3. Additional Past UEC Comments, Relative to Other Projects

a) I have not been able to read this unusually large EA so that I can provide as many constructive and meaningful comments as I want to.

Forest Service Response
Comment is acknowledged, and refers to the recent EOG EA. No response needed.

b) Commenter incorporates by reference the EOG Chapita Wells DEIS prepared by the Vernal Field Office of the BLM and suggests the need for an interagency, single EIS.

Forest Service Response
The Proposed Action and the cited EIS represent completely separate and unrelated actions. The fact that both actions are related to oil and gas exploration is not sufficient reason to link the two, or suggest that a common EIS is needed or appropriate.

c) UEC urges the Forest to deny surface occupancy at every opportunity legally available.

Forest Service Response
The conditions under which surface occupancy may be denied are clearly listed in the Western Uinta Basin Oil and Gas Leasing EIS, and were attached as stipulations to the subsequently issued federal oil and gas leases. The Forest Service has enforced these stipulations, as deemed appropriate, and will continue to do so. To simply oppose surface occupancy "at every opportunity legally available" would be in conflict with National, Agency, and Forest-level minerals direction, regulations, and mandates.

(end of document)

USDA United States Department of Agriculture | Forest Service | Ashley National Forest | Supervisor's Office
355 North Vernal Avenue
Vernal, UT 84078

File Code: 1950/2820-2
Date: September 22, 2006

Chris Freeman
Berry Petroleum
410 17th Street, Suite 1320
Denver, CO 80202

CERTIFIED MAIL – RETURN RECEIPT REQUESTED
NUMBER:7006 0100 0004 0589 6026

Dear Mr. Freeman,

Enclosed is a copy of the Decision Notice and Finding of No Significant Impact (DN / FONSI) documenting my decision to approve the Surface Use Plan of Operations (SUPO) for 4 well pad locations, and up to 8 wells, that you proposed for exploratory oil and gas drilling. Also enclosed is a copy of our Summary of Public Comments from the Berry EA, with Forest Service Responses.

Berry Petroleum originally proposed drilling up to 29 exploratory oil and gas wells within the South Unit of the Ashley National Forest. However, the Ashley National Forest recently approved the Surface Use Plan of Operations (SUPO) for 21 of the proposed wells, via Statutory CE Category 1 of Section 390 of the Energy Policy Act of 2005.

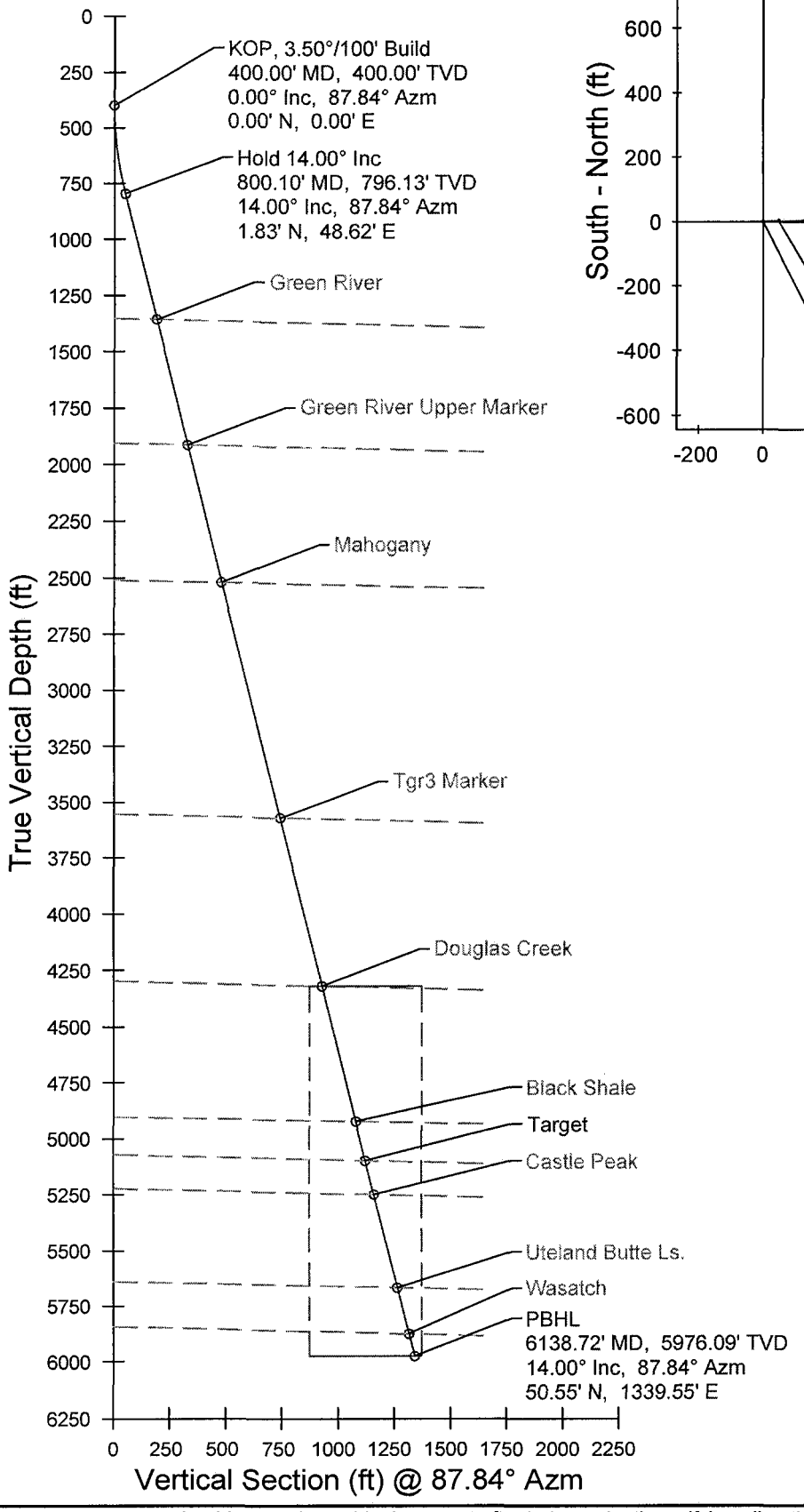
This decision approves the Surface Use Plan of Operations (SUPO) for the remaining 8 proposed wells. Specifically, this decision includes approval for the construction of well pads 11-10-65, 6-11-65, 6-6-64, and 5-3-64, construction or upgrading of access routes to those pads, and drilling of vertical and directional wells from those pads, as described in the recent 2006 Berry EA. Should the proposed wells prove to be productive, this approval also includes installation of production facilities, and operation for as long as they remain productive and economically viable. As part of this decision, I am requiring all of the mitigation measures and design elements included within the original proposed action, or added to the proposed action during preparation of the 2006 Berry EA.

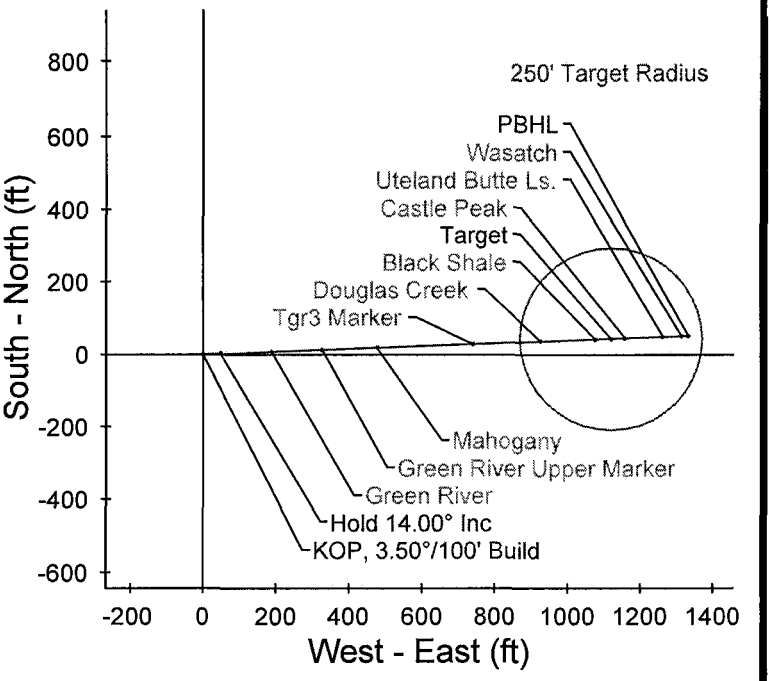
As the project proponent you have standing to appeal this decision under the appeal regulations at 36 CFR 251, subpart C. The appeal procedures are discussed in the Decision Notice.

If you have any questions or need additional information about this decision please contact Kevin Elliott (435) 781-5136 or David Herron (435)-781-5218.

Sincerely,

KEVIN B. ELLIOTT
Forest Supervisor
cc: Mike T Elson, David A Herron, Sherry A Fountain, Peter A Kempenich





Berry Petroleum Company

Company: Berry Petroleum
Well: Federal 7-1D-65
Location: Duchesne County
State: Utah
Rig: Frontier 5
Correction:
North: Referenced to True North

Subject: Prop Rev 0
File Name: P08163r0.dwg
Date: 03/25/08
Drawn By: Allen Slack

Planning: (936) 442-2455
Fax: (936) 441-6620
Operations: (936) 441-6630
Fax: (936) 539-1075

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Job Number: P08-163	State/Country: Utah
Company: Berry Petroleum	Declination:
Lease/Well: Federal 7-1D-65	Grid: Referenced to True North
Location: Duchesne County	File name: F:\WELLPL~1\2008\P08160'S\P08163\08163.SVY
Rig Name: Frontier 5	Date/Time: 25-Mar-08 / 15:20
RKB: 14'	Curve Name: Prop Rev 0
G.L. or M.S.L.: 7346'	

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 87.84
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	CLOSURE Direction Deg	Dogleg Severity Deg/100
KOP, 3.50°/100' Build									
400.00	.00	87.84	400.00	.00	.00	.00	.00	.00	.00
500.00	3.50	87.84	499.94	.12	3.05	3.05	3.05	87.84	3.50
600.00	7.00	87.84	599.50	.46	12.19	12.20	12.20	87.84	3.50
700.00	10.50	87.84	698.32	1.03	27.39	27.41	27.41	87.84	3.50
800.00	14.00	87.84	796.03	1.83	48.59	48.63	48.63	87.84	3.50
Hold 14.00° Inc									
800.10	14.00	87.84	796.13	1.83	48.62	48.65	48.65	87.84	3.50
Green River									
1378.55	14.00	87.84	1357.39	7.11	188.49	188.63	188.63	87.84	.00
Green River Upper Marker									
1951.57	14.00	87.84	1913.38	12.34	327.05	327.29	327.29	87.84	.00
Mahogany									
2575.34	14.00	87.84	2518.61	18.03	477.89	478.23	478.23	87.84	.00
Tgr3 Marker									
3660.72	14.00	87.84	3571.73	27.94	740.34	740.87	740.87	87.84	.00
Douglas Creek									
4433.18	14.00	87.84	4321.24	34.99	927.13	927.79	927.79	87.84	.00
Black Shale									
5053.27	14.00	87.84	4922.90	40.65	1077.08	1077.84	1077.84	87.84	.00

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	CLOSURE Direction Deg	Dogleg Severity Deg/100
Target									
5233.29	14.00	87.84	5097.57	42.29	1120.61	1121.40	1121.40	87.84	.00
Castle Peak									
5389.86	14.00	87.84	5249.48	43.72	1158.47	1159.29	1159.29	87.84	.00
Uteland Butte Ls.									
5819.94	14.00	87.84	5666.78	47.64	1262.46	1263.36	1263.36	87.84	.00
Wasatch									
6034.83	14.00	87.84	5875.29	49.60	1314.43	1315.36	1315.36	87.84	.00
PBHL									
6138.72	14.00	87.84	5976.09	50.55	1339.55	1340.50	1340.50	87.84	.00

Proposal No: 1001112124A

Berry Petroleum Co.
Federal 7-1D-65

1-6S-5W Field

Duchesne County, Utah
June 10, 2008

Cement Proposal

Prepared for:
Tim McDonald
Berry Petroleum Co.

Prepared by:
RENEE F TAHJA
Technical Field Rep.
Vernal, Utah

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Darrin Bailey
Senior Sales Rep
Vernal, Utah
Bus Phone: (435) 781-2294

RECEIVED
JUN 25 2008
DIV. OF OIL, GAS & MINING

Gr4105

Operator Name: Berry Petroleum Co.
Well Name: Federal 7-1D-65
Job Description: Cement 5-1/2 inch Production Casing
Date: June 10, 2008

Proposal No: 1001112124A

JOB AT A GLANCE

Depth (TVD)	6,110 ft
Depth (MD)	6,153 ft
Hole Size	7.875 in
Casing Size/Weight :	5 1/2 in, 15.5 lbs/ft
Pump Via	
Total Mix Water Required	7,236 gals
Pre-Flush	
Fresh Water	10 bbls
Density	8.3 ppg
Spacer	
KCl Water	10 bbls
Density	8.4 ppg
Spacer	
Fresh Water	20 bbls
Density	8.3 ppg
Lead Slurry	
PL2+SF+3#CSE+3%KCL+0.25	257 sacks
Density	11.0 ppg
Yield	3.43 cf/sack
Tail Slurry	
50:50:2+3%KCL+0.5%EC-	323 sacks
Density	14.3 ppg
Yield	1.27 cf/sack
Displacement	
Fresh Water	141 bbls
Density	8.3 ppg

STIMULATION • CEMENTING • COMPLETION SERVICES • SERVICE TOOLS • COILED TUBING
PRODUCTION CHEMICALS • CASING AND TUBING RUNNING SERVICES • PIPELINE SERVICES • WELL CONTROL

Operator Name: Berry Petroleum Co.
Well Name: Federal 7-1D-65
Job Description: Cement 5-1/2 inch Production Casing
Date: June 10, 2008

Proposal No: 1001112124A

WELL DATA

ANNULAR GEOMETRY

ANNULAR I.D. (in)	DEPTH(ft)	
	MEASURED	TRUE VERTICAL
8.097 CASING	342	342
7.875 HOLE	6,153	6,110

SUSPENDED PIPES

DIAMETER (in)		WEIGHT (lbs/ft)	DEPTH(ft)	
O.D.	I.D.		MEASURED	TRUE VERTICAL
5.500	4.950	15.5	6,153	6,110

Float Collar set @	6,113 ft
Mud Density	8.40 ppg
Mud Type	Water Based
Est. Static Temp.	144 ° F
Est. Circ. Temp.	114 ° F

VOLUME CALCULATIONS

342 ft	x	0.1926 cf/ft	with	0 % excess	=	65.9 cf
3,758 ft	x	0.1733 cf/ft	with	25 % excess	=	813.9 cf
1,860 ft	x	0.1733 cf/ft	with	25 % excess	=	402.8 cf
40 ft	x	0.1336 cf/ft	with	0 % excess	=	5.3 cf (inside pipe)
				TOTAL SLURRY VOLUME	=	1287.9 cf
					=	230 bbls

Confirm well data with customer representative prior to pumping.

STIMULATION • CEMENTING • COMPLETION SERVICES • SERVICE TOOLS • COILED TUBING
PRODUCTION CHEMICALS • CASING AND TUBING RUNNING SERVICES • PIPELINE SERVICES • WELL CONTROL

Operator Name: Berry Petroleum Co
Well Name: Federal 7-1D-65
Job Description: Cement 5-1/2 inch Production Casing
Date: June 10, 2008

Proposal No: 1001112124A

FLUID SPECIFICATIONS

Pre-Flush	10.0 bbls Fresh Water @ 8.34 ppg
Spacer	10.0 bbls KCl Water @ 8.4 ppg
Spacer	20.0 bbls Fresh Water @ 8.34 ppg

FLUID	VOLUME CU-FT	VOLUME FACTOR	AMOUNT AND TYPE OF CEMENT
Lead Slurry	880	/ 3.4	= 257 sacks Premium Lite II Cement + 0.05 lbs/sack Static Free + 3 lbs/sack CSE + 3% bwow Potassium Chloride + 0.25 lbs/sack Cello Flake + 2 lbs/sack Kol Seal + 0.002 gps FP-6L + 10% bwoc Bentonite + 0.5% bwoc Sodium Metasilicate + 201.6% Fresh Water
Tail Slurry	408	/ 1.2	= 323 sacks (50:50) Poz (Fly Ash):Class G Cement + 0.05 lbs/sack Static Free + 3% bwow Potassium Chloride + 0.5% bwoc EC-1 + 0.25 lbs/sack Cello Flake + 0.002 gps FP-6L + 2% bwoc Bentonite + 0.3% bwoc Sodium Metasilicate + 56.3% Fresh Water

Displacement 140.9 bbls Fresh Water @ 8.34 ppg

CEMENT PROPERTIES

	SLURRY NO. 1	SLURRY NO. 2
Slurry Weight (ppg)	11.00	14.30
Slurry Yield (cf/sack)	3.43	1.27
Amount of Mix Water (gps)	21.03	5.67
Amount of Mix Fluid (gps)	21.03	5.67
Estimated Pumping Time - 70 BC (HH:MM)	4:30	3:30
COMPRESSIVE STRENGTH		
24 hrs @ 144 ° F (psi)		2300
72 hrs @ 144 ° F (psi)		2550

Compressive strengths and thickening times are estimates only. Final laboratory testing will determine retarder loadings, if necessary.

Slurry volumes are based off of 25% excess with gauge hole.

STIMULATION . CEMENTING . COMPLETION SERVICES . SERVICE TOOLS . COILED TUBING
PRODUCTION CHEMICALS . CASING AND TUBING RUNNING SERVICES . PIPELINE SERVICES . WELL CONTROL

CONDITIONS

BJ Services' performance of services and sale of materials is expressly conditioned upon the applicability of the Terms and Conditions contained in the current BJ Services Price Book. The Terms and Conditions include, among other things, an indemnity in favor of BJ Services from Customer for damage to the well bore, reservoir damage, loss of the hole, blowouts and loss of control of the well, even if caused by the negligence or other fault of BJ Services. The Terms and Conditions also limit the warranties provided by the BJ Services and the remedies to which Customer may be entitled in the event of a breach of warranty by BJ Services. For these reasons, we strongly recommend that you carefully review a copy of the Terms and Conditions. **If you do not have a copy of the BJ Services Price Book, you can view the Terms and Conditions on BJ Services Web Site, www.bjservices.com. By requesting that BJ Services perform the services described herein, Customer acknowledges that such Terms and Conditions are applicable to the services. Further, by requesting the services, Customer warrants that its representative on the well location or other service site will be fully authorized to acknowledge such Terms and Conditions by executing a Field Receipt or other document presented by BJ Services containing such Terms and Conditions.**

In the event that Customer and BJ Services have executed a Master Services Agreement covering the work to be performed, such Master Services Agreement shall govern in place of the Terms and Conditions. If you are interested in entering into Master Services Agreement with BJ Services, please contact us through the "Go BJ" button on the BJ Services Web Site.

PRODUCT DESCRIPTIONS

Bentonite
Commonly called gel, it is a clay material used as a cement extender and to control excessive free water.

CSE
Compressive Strength Enhancer - Fumed Silica. An additive which contributes to low density, high compressive
strength development of cement slurries at all temperature ranges. This material also controls free water

Cello Flake
Graded (3/8 to 3/4 inch) cellophane flakes used as a lost circulation material.

Class G Cement
Intended for use as a basic cement from surface to 8000 ft as manufactured, or can be used with accelerators and retarders to cover a wide range of well depths and temperatures.

EC-1
A proprietary product that provides expansive properties and improves bonding at low to moderate temperatures.

FP-6L
A clear liquid that decreases foaming in slurries during mixing.

Kol Seal
A granular, lightweight material (specific gravity of 1.3) used to control lost circulation in zones of natural and induced fractures, cavities and high permeability.

Potassium Chloride
A granular salt used to reduce clay swelling caused by water-base stimulation fluids.

Potassium Chloride
A granular salt used to reduce clay swelling caused by water-base cementing fluids.

Poz (Fly Ash)
A synthetic pozzolan, (primarily Silicon Dioxide). When blended with cement, Pozzolan can be used to create lightweight cement slurries used as either a filler slurry or a sulfate resistant completion cement.

Premium Lite II Cement
Premium Lite II is a high-yield, cost effective lightweight cement blend that provides exceptional compressive strength and reduced permeability when mixed at low slurry weights.

Sodium Metasilicate
An accelerator used to decrease the thickening time of cement slurries.

Sodium Metasilicate
An extender used to produce an economical, low density cement slurry.

PRODUCT DESCRIPTIONS (Continued)

Static Free
An anti-static additive used to prevent air entrainment due to agglomerated particles. Can be used in Cementing and Fracturing operations to aid in the flow of dry materials.

End of Report

Proposal No: 1001112122A

Berry Petroleum Co.
Federal 7-1D-65

1-6S-5W
Duchesne County, Utah
June 10, 2008

Cement Proposal

Prepared for:
Tim McDonald
Berry Petroleum Co.

Prepared by:
RENEE F TAHJA
Technical Field Rep.
Vernal, Utah

POWERVISION®

POWERPRO • POWERTRAX • POWERLINK

Service Point:
Vernal
Bus Phone: (435) 781-2294
Fax: (435) 789-4530

Service Representatives:
Darrin Bailey
Senior Sales Rep
Vernal, Utah
Bus Phone: (435) 781-2294

RECEIVED
JUN 25 2008
DIV. OF OIL, GAS & MINING

Gr4105

Operator Name: Berry Petroleum C
Well Name: Federal 7-1D-65
Job Description: Cement 5-1/2 inch Production Casing
Date: June 10, 2008

Proposal No: 1001112122A

JOB AT A GLANCE

Depth (TVD)	6,110 ft
Depth (MD)	6,153 ft
Hole Size	7.875 in
Casing Size/Weight :	5 1/2 in, 15.5 lbs/ft
Pump Via	5 1/2" O.D. (4.950" .I.D) 15.5
Total Mix Water Required	8,151 gals
Pre-Flush	
Fresh Water	10 bbls
Density	8.3 ppg
Spacer	
KCl Water	10 bbls
Density	8.4 ppg
Spacer	
Fresh Water	20 bbls
Density	8.3 ppg
Lead Slurry	
PL2+SF+3#CSE+3%KCL+0.25	250 sacks
Density	11.0 ppg
Yield	3.46 cf/sack
Tail Slurry	
PL II HS	300 sacks
Density	13.0 ppg
Yield	1.92 cf/sack
Displacement	
Fresh Water	139 bbls
Density	8.3 ppg

STIMULATION . CEMENTING . COMPLETION SERVICES . SERVICE TOOLS . COILED TUBING
PRODUCTION CHEMICALS . CASING AND TUBING RUNNING SERVICES . PIPELINE SERVICES . WELL CONTROL

WELL DATA

ANNULAR GEOMETRY

ANNULAR I.D. (in)	DEPTH(ft)	
	MEASURED	TRUE VERTICAL
8.097 CASING	342	342
7.875 HOLE	6,153	6,110

SUSPENDED PIPES

DIAMETER (in)		WEIGHT (lbs/ft)	DEPTH(ft)	
O.D.	I.D.		MEASURED	TRUE VERTICAL
5.500	4.950	15.5	6,153	6,110

Float Collar set @	6,113 ft
Mud Density	8.40 ppg
Mud Type	Water Based
Est. Static Temp.	144 ° F
Est. Circ. Temp.	114 ° F

VOLUME CALCULATIONS

342 ft	x	0.1926 cf/ft	with	0 % excess	=	65.9 cf
3,158 ft	x	0.1733 cf/ft	with	46 % excess	=	800.2 cf
2,400 ft	x	0.1733 cf/ft	with	37 % excess	=	569.7 cf
40 ft	x	0.1336 cf/ft	with	0 % excess	=	5.3 cf (inside pipe)
				TOTAL SLURRY VOLUME	=	1441.2 cf
					=	257 bbls

Confirm well data with customer representative prior to pumping.

Operator Name: Berry Petroleum C
Well Name: Federal 7-1D-65
Job Description: Cement 5-1/2 inch Production Casing
Date: June 10, 2008

Proposal No: 1001112122A

FLUID SPECIFICATIONS

Pre-Flush	10.0 bbls Fresh Water @ 8.34 ppg
Spacer	10.0 bbls KCl Water @ 8.4 ppg
Spacer	20.0 bbls Fresh Water @ 8.34 ppg

FLUID	VOLUME CU-FT	VOLUME FACTOR	AMOUNT AND TYPE OF CEMENT
Lead Slurry	866	/ 3.4	= 250 sacks Premium Lite II Cement + 0.05 lbs/sack Static Free + 3% bwow Potassium Chloride + 0.25 lbs/sack Cello Flake + 5 lbs/sack Kol Seal + 0.002 gps FP-6L + 10% bwoc Bentonite + 0.5% bwoc Sodium Metasilicate + 3 lbs/sack CSE-2 + 201.6% Fresh Water
Tail Slurry	575	/ 1.9	= 300 sacks Premium Lite II High Strength + 0.05 lbs/sack Static Free + 1% bwoc Calcium Chloride + 0.4% bwoc FL-63 + 0.25 lbs/sack Cello Flake + 2 lbs/sack Kol Seal + 0.002 gps FP-6L + 0.2% bwoc BA-59 + 92.5% Fresh Water
Displacement	139.5 bbls Fresh Water @ 8.34 ppg		

CEMENT PROPERTIES

	SLURRY NO. 1	SLURRY NO. 2
Slurry Weight (ppg)	11.00	13.00
Slurry Yield (cf/sack)	3.46	1.92
Amount of Mix Water (gps)	21.03	9.65
Amount of Mix Fluid (gps)	21.03	9.65
Estimated Pumping Time - 70 BC (HH:MM)	4:30	3:30
COMPRESSIVE STRENGTH		
24 hrs @ 144 ° F (psi)		2300
72 hrs @ 144 ° F (psi)		2550

Compressive strengths and thickening times are estimates only. Final laboratory testing will determine retarder loadings, if necessary.

STIMULATION • CEMENTING • COMPLETION SERVICES • SERVICE TOOLS • COILED TUBING
PRODUCTION CHEMICALS • CASING AND TUBING RUNNING SERVICES • PIPELINE SERVICES • WELL CONTROL

CONDITIONS

BJ Services' performance of services and sale of materials is expressly conditioned upon the applicability of the Terms and Conditions contained in the current BJ Services Price Book. The Terms and Conditions include, among other things, an indemnity in favor of BJ Services from Customer for damage to the well bore, reservoir damage, loss of the hole, blowouts and loss of control of the well, even if caused by the negligence or other fault of BJ Services. The Terms and Conditions also limit the warranties provided by the BJ Services and the remedies to which Customer may be entitled in the event of a breach of warranty by BJ Services. For these reasons, we strongly recommend that you carefully review a copy of the Terms and Conditions. **If you do not have a copy of the BJ Services Price Book, you can view the Terms and Conditions on BJ Services Web Site, www.bjservices.com. By requesting that BJ Services perform the services described herein, Customer acknowledges that such Terms and Conditions are applicable to the services. Further, by requesting the services, Customer warrants that its representative on the well location or other service site will be fully authorized to acknowledge such Terms and Conditions by executing a Field Receipt or other document presented by BJ Services containing such Terms and Conditions.**

In the event that Customer and BJ Services have executed a Master Services Agreement covering the work to be performed, such Master Services Agreement shall govern in place of the Terms and Conditions. If you are interested in entering into Master Services Agreement with BJ Services, please contact us through the "Go BJ" button on the BJ Services Web Site.

PRODUCT DESCRIPTIONS

BA-59
A free flowing powder which provides improved bonding and minimizes gas migration. Provides expansion properties and zero free water to cement slurries.

Bentonite
Commonly called gel, it is a clay material used as a cement extender and to control excessive free water.

CSE-2
An additive which contributes to low density, high compressive strength development of cement slurries at all temperature ranges. This material also controls free water without the need for standard extenders.

Calcium Chloride
A powdered, flaked or pelletized material used to decrease thickening time and increase the rate of strength development.

Cello Flake
Graded (3/8 to 3/4 inch) cellophane flakes used as a lost circulation material.

FL-63
A non-retarding, non-viscosifying fluid loss additive particularly suited for use with coil tubing and/or close tolerance liner cementing. FL-63 is effective from low to high temperatures. Concentrations of 0.2% to 1.0% BWOC are typical.

FP-6L
A clear liquid that decreases foaming in slurries during mixing.

Kol Seal
A granular, lightweight material (specific gravity of 1.3) used to control lost circulation in zones of natural and induced fractures, cavities and high permeability.

Potassium Chloride
A granular salt used to reduce clay swelling caused by water-base stimulation fluids.

Premium Lite II Cement
Premium Lite II is a high-yield, cost effective lightweight cement blend that provides exceptional compressive strength and reduced permeability when mixed at low slurry weights.

Premium Lite II High Strength
Premium Lite II High Strength is a high-yield, cost effective lightweight cement blend that provides exceptional compressive strength and reduced permeability when mixed at low slurry weights.

Sodium Metasilicate
An accelerator used to decrease the thickening time of cement slurries.

Static Free
An anti-static additive used to prevent air entrainment due to agglomerated particles. Can be used in Cementing and Fracturing operations to aid in the flow of dry materials.

STIMULATION • CEMENTING • COMPLETION SERVICES • SERVICE TOOLS • COILED TUBING
PRODUCTION CHEMICALS • CASING AND TUBING RUNNING SERVICES • PIPELINE SERVICES • WELL CONTROL • CHEMICAL SERVICES

End of Report

BERRY PETROLEUM COMPANY

FEDERAL #7-1D-65

LOCATED IN DUCHESNE COUNTY, UTAH
SECTION 1, T6S, R5W, U.S.B.&M.

PHOTO: VIEW OF LOCATION STAKE **CAMERA ANGLE: SOUTHERLY**

PHOTO: VIEW OF EXISTING ACCESS **CAMERA ANGLE: WESTERLY**

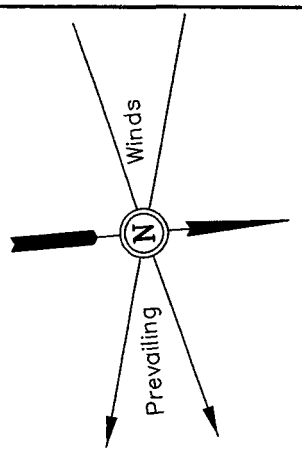
- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS	03 MONTH	28 DAY	08 YEAR	PHOTO
TAKEN BY: B.B.	DRAWN BY: C.N.	REVISED: 00-00-00		

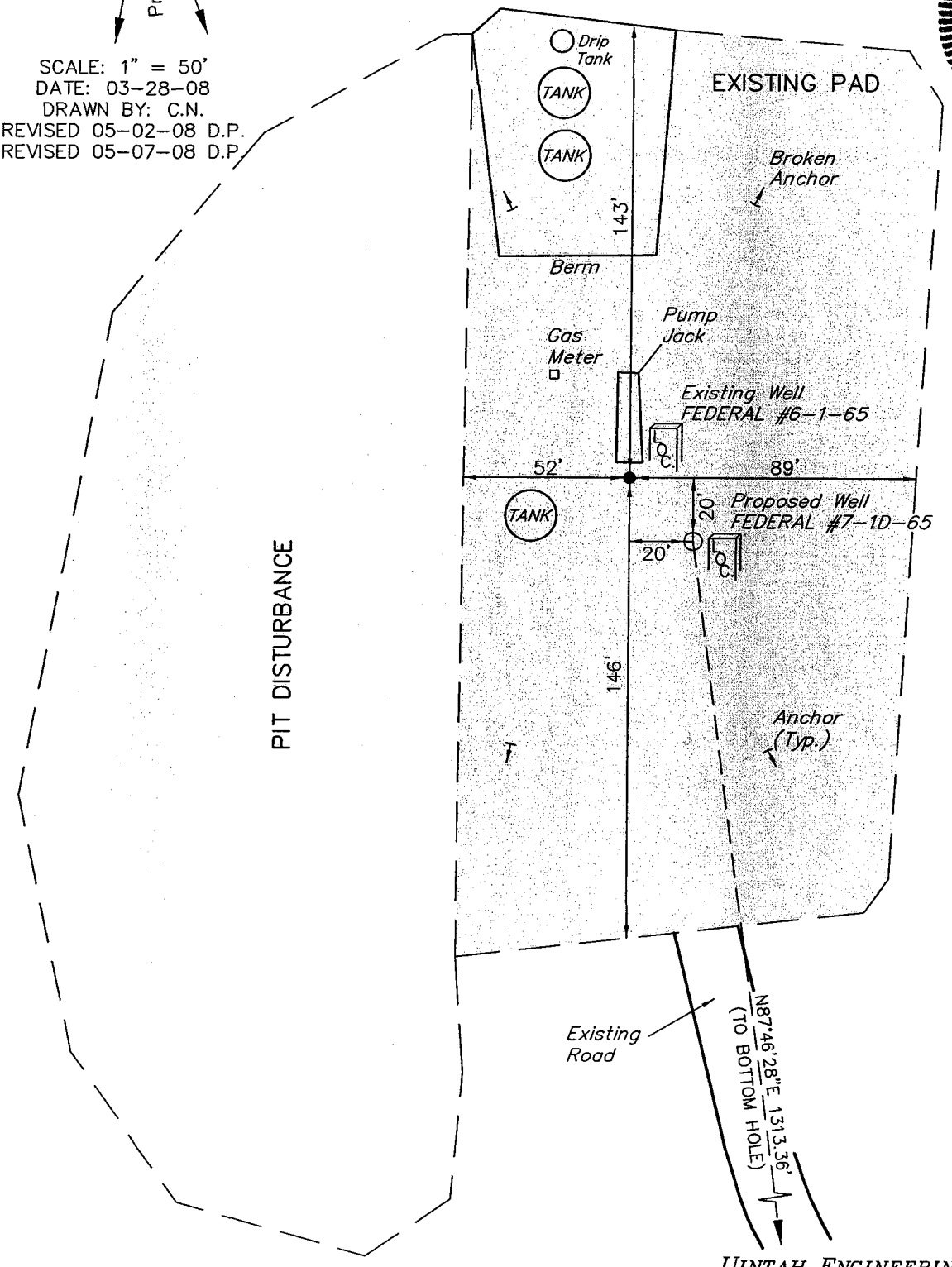
BERRY PETROLEUM COMPANY

LOCATION LAYOUT FOR

FEDERAL #7-1D-65
SECTION 1, T6S, R5W, U.S.B.&M.
2023' FNL 2174' FWL



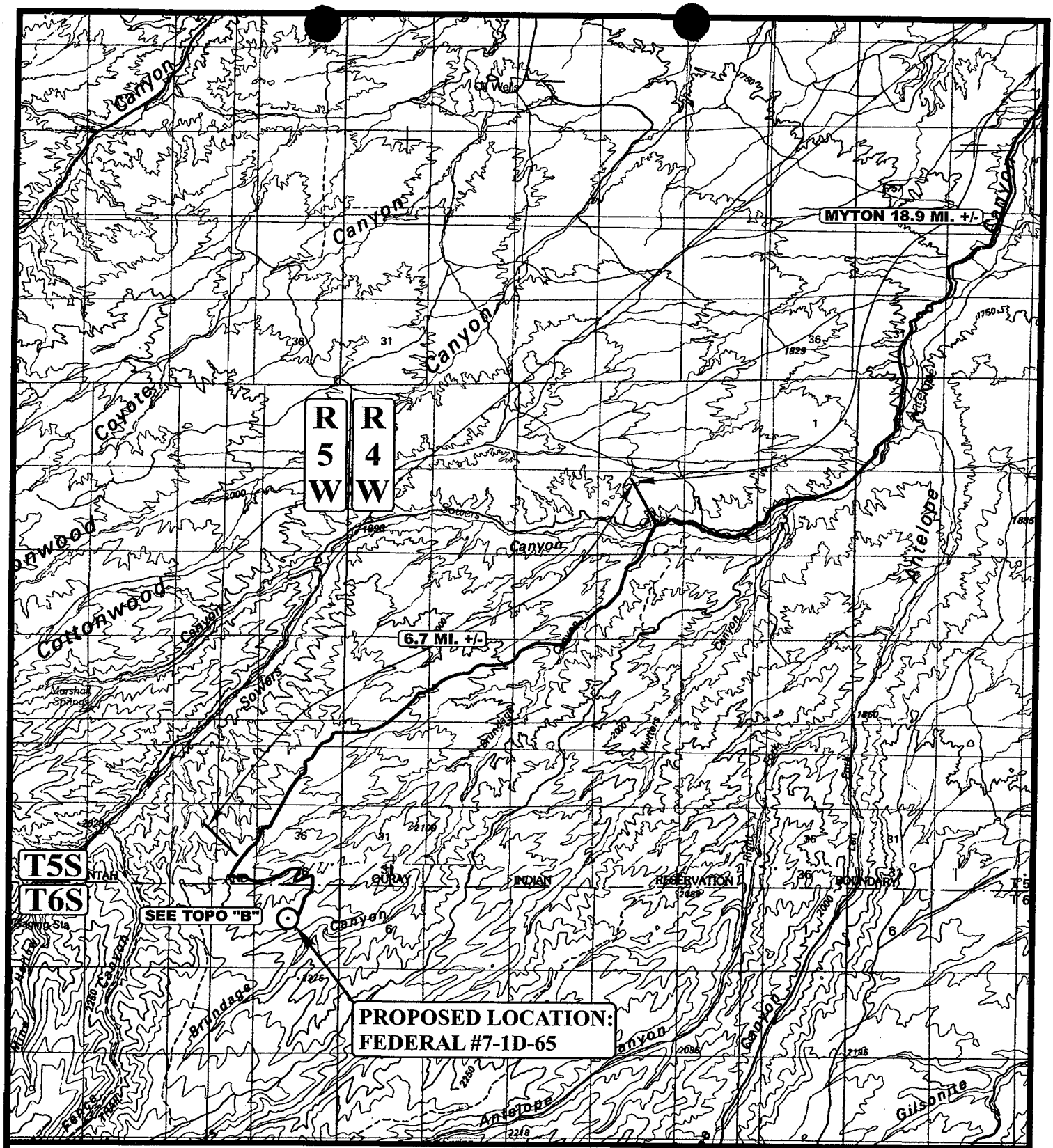
SCALE: 1" = 50'
DATE: 03-28-08
DRAWN BY: C.N.
REVISED 05-02-08 D.P.
REVISED 05-07-08 D.P.



REGISTERED LAND SURVEYOR No. 161319 ROBERT L. KAY STATE OF UTAH

Elev. Graded Ground at #7-1D-65 Location Stake = 7345.8'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017



LEGEND:

⊙ PROPOSED LOCATION

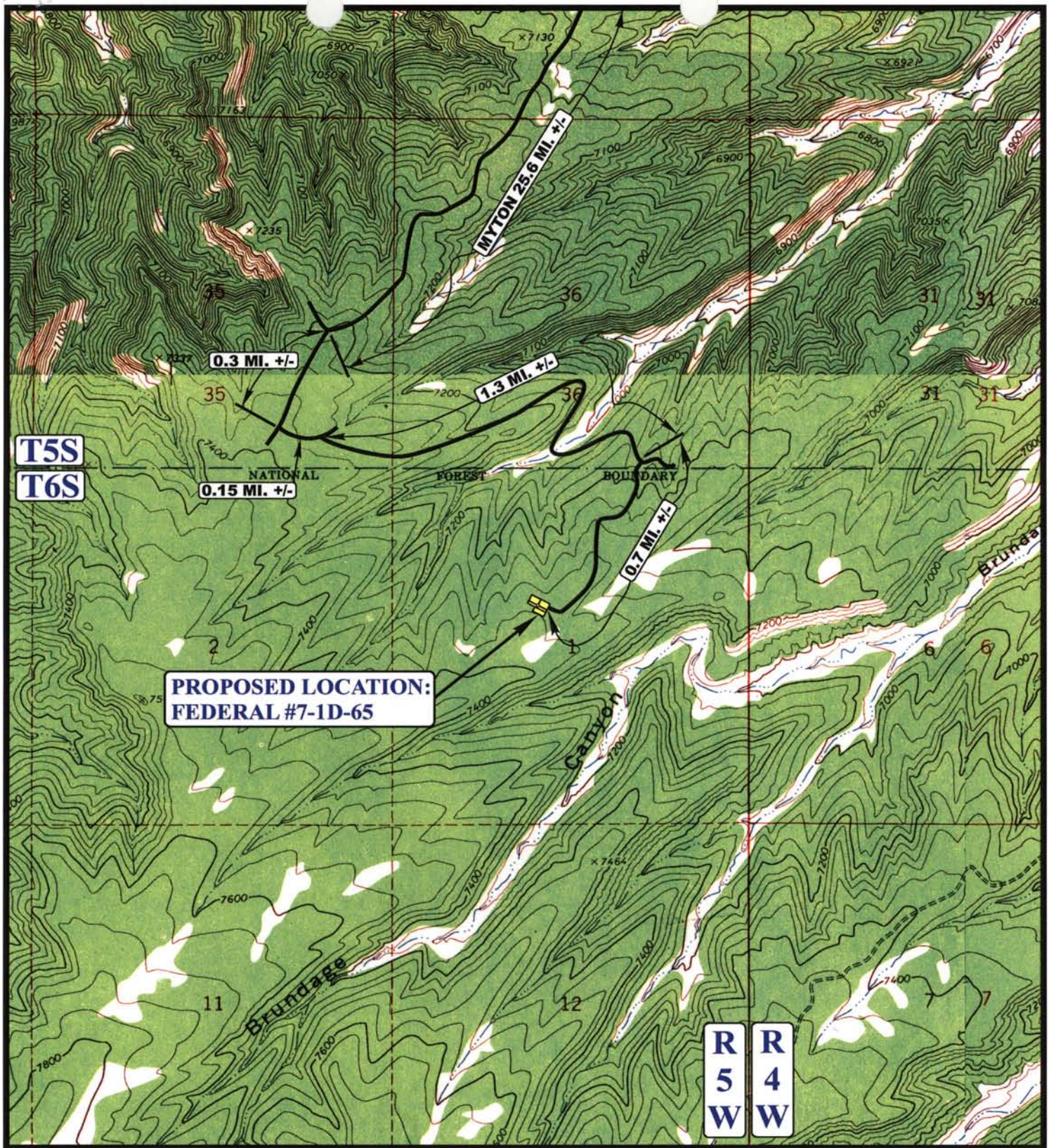
N

BERRY PETROLEUM COMPANY

FEDERAL #7-1D-65
SECTION 1, T6S, R5W, U.S.B.&M.
2023' FNL 2174' FWL

UELS
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	03 MONTH	28 DAY	08 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: C.N.	REVISED: 00-00-00.		



LEGEND:

PROPOSED ACCESS ROAD

EXISTING ROAD

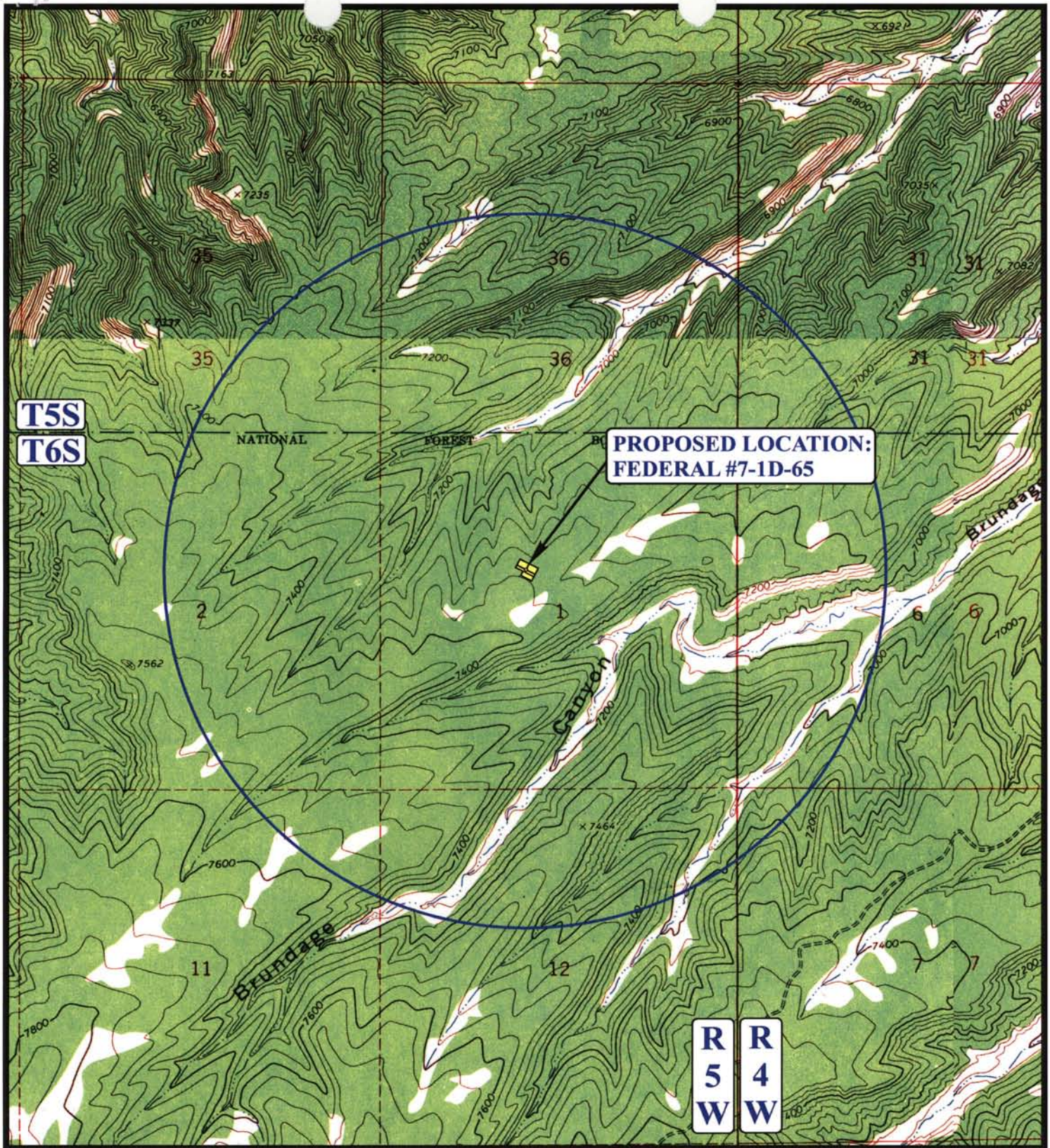
N

BERRY PETROLEUM COMPANY

FEDERAL #7-1D-65 ON
SECTION 1, T6S, R5W, U.S.B.&M.
2023' FNL 2174' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	03 MONTH	28 DAY	08 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: C.N.	REVISED: 00-00-00.		



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

N

BERRY PETROLEUM COMPANY

FEDERAL #7-1D-65 ON
SECTION 1, T6S, R5W, U.S.B.&M.
2023' FNL 2174' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	03 MONTH	28 DAY	08 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: C.N.	REVISED: 00-00-00.		

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/25/2008

API NO. ASSIGNED: 43-013-34015

WELL NAME: FEDERAL 7-1D-65

OPERATOR: BERRY PETROLEUM COMPANY (N2480)

PHONE NUMBER: 435-722-1325

CONTACT: SHELLEY CROZIER

PROPOSED LOCATION:

SENW 01 060S 050W

SWNE SURFACE: 2023 FNL 2174 FWL

BOTTOM: 1972 FNL 1745 FEL

COUNTY: DUCHESNE

LATITUDE: 39.99057 LONGITUDE: -110.3974

UTM SURF EASTINGS: 551447 NORTHINGS: 4426675

FIELD NAME: UNDESIGNATED (2)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-77326

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. RLB0005651)

N Potash (Y/N)

N Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit
(No. 43-11041)

N RDCC Review (Y/N)
(Date:)

N/A Fee Surf Agreement (Y/N)

N/A Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit: ___

___ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells

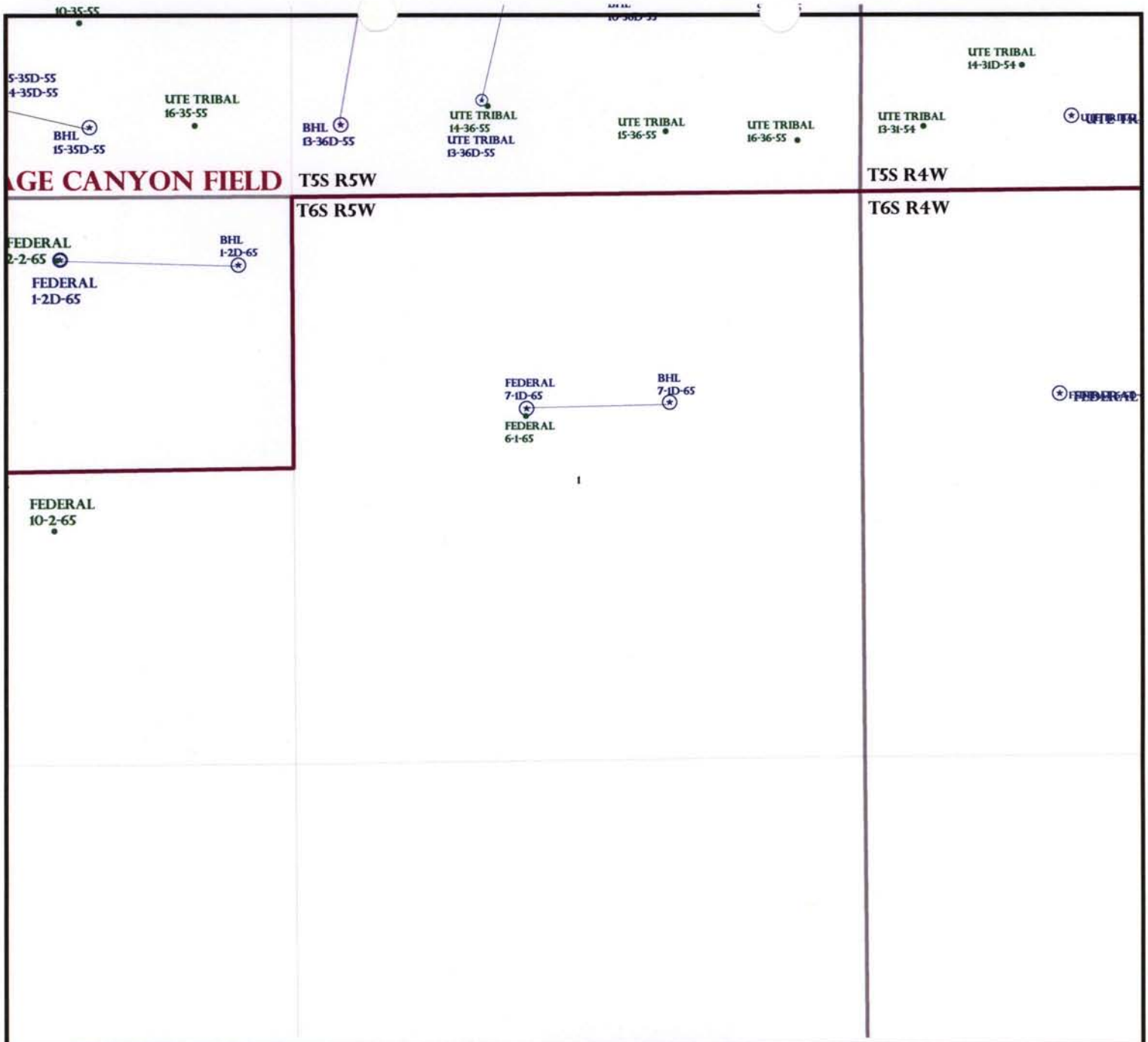
✓ R649-3-3. Exception

___ Drilling Unit
Board Cause No: ___
Eff Date: ___
Siting: ___

✓ R649-3-11. Directional Drill

COMMENTS: ___

STIPULATIONS: 1- Federal Approval
2- Spacing Stip



OPERATOR: BERRY PETRO CO (N2480)

SEC: 1 T.6S R. 5W

FIELD: UNDESIGNATED (002)

COUNTY: DUCHESNE

SPACING: R649-3-11 / DIRECTIONAL DRILLING

Field Status
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING

UTAH DNR
OIL, GAS & MINING

N
W E
S

PREPARED BY: DIANA MASON
DATE: 26-JUNE-2008

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
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

June 30, 2008

Berry Petroleum Company
Rt. 2, Box 7735
Roosevelt, UT 84066

Re: Federal 7-1D-65 Well, Surface Location 2023' FNL, 2174' FWL, SE NW, Sec. 1, T. 6 South, R. 5 West, Bottom Location 1972' FNL, 1745' FEL, SW NE, Sec. 1, T. 6 South, R. 5 West, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

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

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. The API identification number assigned to this well is 43-013-34015.

Sincerely,

(for) Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal Office

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR OIL, GAS & MINING

Operator: Berry Petroleum Company
Well Name & Number Federal 7-1D-65
API Number: 43-013-34015
Lease: UTU-77326

Surface Location:	SE NW	**Sec.** 1	**T.** 6 South	**R.** 5 West
Bottom Location:	SW NE	**Sec.** 1	**T.** 6 South	**R.** 5 West

Conditions of Approval

1. **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.

2. **Notification Requirements**
   Notify the Division within 24 hours of spudding the well.
   - Contact Carol Daniels at (801) 538-5284

   Notify the Division prior to commencing operations to plug and abandon the well.
   - Contact Dustin Doucet at work (801) 538-5281 home (801) 733-0983

3. **Reporting Requirements**
   All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

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

5. 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.

6. 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.

Form 3160-3
(April 2004)

RECEIVED
VERNAL FIELD OFFICE
2008 JUN 23 PM 2:54
DEPT OF THE INTERIOR
BUREAU OF LAND MGMT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires March 31, 2007

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No. UTU-77326

6. If Indian, Allotee or Tribe Name

1a. TYPE OF WORK [√] DRILL [ ] REENTER

7. 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 7-1D-65

2. Name of Operator BERRY PETROLEUM COMPANY

9. API Well No. 43-013-34015

3a. Address 4000 SOUTH 4028 WEST RT. 2 BOX 7735, ROOSEVELT, UT. 84066

3b. Phone No. (include are code) (435) 722-1325

10. Field and Pool, or Exploratory BRUNDAGE CANYON

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface (SE/NW) 2023' FNL, 2174' FWL
At proposed prod. zone BHL: 1972' FNL, 1745' FEL
NAD 27
39.990521 LAT
109.397271 LONG

11. Sec., T. R. M. or BLK. and Survey or Area SEC. 1, T.6S., R.5W. U.S.B.&M.

14. Distance in miles and dircetion from nearest town or post office* 27.9 MILES FROM MYTON, UTAH

12. County or Parrish DUCHESNE

13. State UTAH

15. Distance from proposed* location to nearest property or lease line, ft. (Also to neaset drlg. Unit line, if any) 2023'

16. No. of acres in lease ~~640~~ 1,922.880

17. Spacing Unit dedicated to this well 40

18. Distance from proposed* to nearest well, drilling, completed, applied for, on this lease, ft. 40'

19. Proposed Depth 5942' ✓

20. BLM/BIA Bond No. on file UTB000035

21. Elevations (Show whether DF, KDB, RT, GR, etc.) 7346' GR

22. Approximate date work will start* UPON APPROVAL OF APD

23. Estimated duration APPROXIMATELY 6 DAYS

24. Attachments (Paid for with check # 001598)

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 Lnads, 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 Shelley E. Crozier — Name (Printed/Typed) SHELLEY E. CROZIER — Date 06/23/08

Title REGULATORY & PERMITTING SPECIALIST

Approved by (Signature) [signature] — Name (Printed/Typed) Jerry Kewicka — Date 7-29-2008

Title Assistant Field Manager Lands & Mineral Resources — Office VERNAL FIELD OFFICE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the allicant 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.

*(Instructions on page 2)

POSTED
FROM 06-24-2008
TO 07-24-2008

RECEIVED
AUG 04 2008
DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL

Stipulations or Lease Notices Attached

UDOGM

No NOS

08CXS0110A

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:**	**SENW, Sec. 1, T6S, R5W**
Well No:	**Federal 7-1D-65**	**Lease No:**	**UTU-77326**
API No:	**43-013-34015**	**Agreement:**	**N/A**

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	(435) 828-4029
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

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

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

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	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.
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)

See Attached Forest Service Surface Use Plan of Operations (SUPO) - Conditions of Approval.

DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- Logging: Run Gamma Ray from TD to surface.
- All casing strings below the conductor shall be pressure tested to 0.22 psi/foot or 1500 psi, whichever is greater but not to exceed 70% of the internal yield.
- As a minimum, usable water zones shall be isolated and/or protected by having a cement top for the production casing at least 200 feet above the base of usable water or the top of the Green River formation, whichever is shallowest.

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.

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

- 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.

CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM OF THE
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Berry Petroleum	Well Name &Number: Federal 7-1D-65
Lease number: UTU77326	Location: SENW S1, T6S, R5W
Surface Ownership: FS	Date: 26 June 2008
Date APD Received: 23 June 2008	NOS Received:

The following is a list of conditions of approval, for the proposed well noted above, which are being required by the Ashley National Forest. These conditions are in addition to those listed in the Surface Use Plan of Operations (SUPO) and APD that were submitted for the proposed well.

Paleontology

- A qualified Paleontologist will monitor construction activities for the proposed well pad and access road. If significant paleontological resources are discovered, construction activities would be halted and the USFS notified. Operations in the area of the discovery would not resume until authorization to proceed has been received from the USFS.

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 would power-wash all construction equipment and vehicles prior to the start of construction.

- During the construction phase of the project, Berry will implement an intensive reclamation and weed control program after each segment of project completion. Berry will reseed all portions of well pads and the ROW not utilized for the operational phase of the project, as well as any sites within the Project Area determined necessary by the USFS. Reseeding will be accomplished using native plant species indigenous to the Project Area. Post-construction seeding applications will continue until determined successful by the USFS. 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.

Wildlife Protection

- Prior to any surface disturbing activity between April 30 and August 31, Berry or their contractor, in coordination with a USFS Biologist, would 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.

Access Roads

- Construction or upgrading of roads would not be allowed during muddy or frozen conditions. Should mud holes develop, they would be filled in and detours around them 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 would 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) would be considered.

- Road drainage crossings for new or upgraded roads will be designed so they do not cause siltation or accumulation of debris in the drainage crossing, and drainages will not be blocked by the roadbed.

Pipelines

- Where possible, pipelines will be buried along major access corridors (Forest Road # 472), and in 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 re-vegetated and stabilized.

Noise

- Pump jack engines would 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 would be lined with 20 mil synthetic reinforced material. The liner would 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.

FORM 9

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

5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-77326

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

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

8. WELL NAME and NUMBER: FEDERAL 7-1D-65

2. NAME OF OPERATOR: BERRY PETROLEUM COMPANY

9. API NUMBER: 4301334015

3. ADDRESS OF OPERATOR: 4000 S. 4028 W. CITY Roosevelt STATE UT ZIP 84066

PHONE NUMBER: (435) 722-1325

10. FIELD AND POOL, OR WILDCAT: UNDESIGNATED

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2023' FNL, 2174' FWL BHL: 1972' FNL, 1745' FEL

COUNTY: DUCHESNE

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 1 T6S R5W

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: 1 YEAR EXTENSION
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

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

BERRY PETROLEUM COMPANY RESPECTFULLY REQUESTS THAT THE APPROVED APPLICATION TO DRILL FOR THE ABOVE SUBJECT WELL BE EXTENDED FOR A PERIOD OF ONE (1) YEAR.

Approved by the Utah Division of Oil, Gas and Mining

STATE BOND # RLB0005651

Date: 06-24-09

By: [signature]

COPY SENT TO OPERATOR

Date: 6/25/2009

Initials: KS

NAME (PLEASE PRINT) SHELLEY E. CROZIER TITLE REGULATORY & PERMITTING SPECIALIST

SIGNATURE Shelley E. Crozier DATE 6/16/2009

(This space for State use only)

RECEIVED
JUN 22 2009
DIV. OF OIL, GAS & MINING

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

[redacted]

Application for Permit to Drill
Request for Permit Extension
Validation
(this form should accompany the Sundry Notice requesting permit extension)

API: 43-013-34015
Well Name: FEDERAL 7-1D-65
Location: (SE/NW) 2023' FNL, 2174' FWL, SEC. 1-T6S-R5W
Company Permit Issued to: BERRY PETROLEUM COMPANY
Date Original Permit Issued: 6/30/2008

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 right-of-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 ☐

Shelley E. Crozier
Signature

6/16/2009
Date

Title: Regulatory & Permitting Specialist

Representing: Berry Petroleum Company

RECEIVED
JUN 22 2009
DIV. OF OIL, GAS & MINING

API Well No: 43013340150000

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-77326

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 7-1D-65

2. NAME OF OPERATOR: BERRY PETROLEUM COMPANY

9. API NUMBER: 43013340150000

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: UNDESIGNATED

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
2023 FNL 2174 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SENW Section: 01 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: 6/30/2011	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

BERRY PETROLEUM RESPECTFULLY REQUESTS THAT THE APPROVED APPLICATION TO DRILL THE FEDERAL 7-1D-65 BE EXTENDED FOR THE PERIOD OF ONE (1) YEAR.

Approved by the Utah Division of Oil, Gas and Mining

Date: May 25, 2010

By: Dark Hill

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

SIGNATURE	DATE
N/A	5/24/2010

RECEIVED May 24, 2010

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 43013340150000

API: 43013340150000
Well Name: FEDERAL 7-1D-65
Location: 2023 FNL 2174 FWL QTR SENW SEC 01 TWNP 060S RNG 050W MER U
Company Permit Issued to: BERRY PETROLEUM COMPANY
Date Original Permit Issued: 6/30/2008

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**

Approved by the Utah Division of Oil, Gas and Mining

Signature: Kathy K. Fieldsted **Date:** 5/24/2010
Title: Sr. Regulatory & Permitting Tech. **Representing:** BERRY PETROLEUM COMPANY

Date: May 25, 2010
By:

RECEIVED May 24, 2010

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
JUN 01 2010
BLM

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
UTU77326

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
FEDERAL 7-1D-65

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

9. API Well No.
43-013-34015-00-X1

3a. Address
ROUTE 2, BOX 7735
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 *(Footage, Sec., T., R., M., or Survey Description)*
Sec 1 T6S R5W SENW 2023FNL 2174FWL

11. County or Parish, and State
DUCHESNE COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Change to Original PD
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

BERRY PETROLEUM COMPANY RESPECTFULLY REQUESTS THAT THE APPROVED APPLICATION TO DRILL FOR THE FEDERAL 7-1D-65 BE EXTENDED FOR A PERIOD OF TWO (2) YEARS.

THIS WELL WAS ORIGINALLY APPROVED ON JULY 29, 2008.

RECEIVED
JUL 19 2010
DIV. OF OIL, GAS & MINING

VERNAL FIELD OFFICE
ENG. JUN 4 2010
GEOL.
E.S.
PET.
REC'D

CONDITIONS OF APPROVAL ATTACHED

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #87241 verified by the BLM Well Information System
For BERRY PETROLEUM COMPANY, sent to the Vernal
Committed to AFMSS for processing by GAIL JENKINS on 06/03/2010 (10GXJ3489SE)

Name *(Printed/Typed)* KATHY K FIELDSTED — Title SR. REGULATORY & PERMITTING TE

Signature (Electronic Submission) — Date 06/01/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By James H. Sparger — Title James H. Sparger — Date JUN 24 2010

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

Office VERNAL FIELD OFFICE

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.

UDOGM

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

CONDITIONS OF APPROVAL

Berry Petroleum Company

Notice of Intent
APD Extension

Lease: UTU77326
Well: Federal 7-1D-65
Location: SENW Sec 1-T6S-R5W

An extension for the referenced APD is granted with the following conditions:

---

1. The extension and APD shall expire on 7/29/2012.

2. No other extensions shall be granted.

If you have any other questions concerning this matter, please contact Ryan Angus of this office at (435) 781-4430.

API Well No: 43013340150000

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-77326

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 7-1D-65

2. NAME OF OPERATOR:
BERRY PETROLEUM COMPANY

9. API NUMBER:
43013340150000

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:
2023 FNL 2174 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SENW Section: 01 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
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
✓ SPUD REPORT Date of Spud: 9/15/2010	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

PLEASE NOTE THAT THE FEDERAL 7-1D-65 WAS SPUD ON SEPTEMBER 15, 2010 AT APPROX 3:00 PM BY CRAIG'S ROUSTABOUT.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
September 21, 2010

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Kathy K. Fieldsted	435 722-1325	Sr. Regulatory & Permitting Tech.
SIGNATURE		**DATE**
N/A		9/16/2010

RECEIVED September 16, 2010

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

FORM 6

ENTITY ACTION FORM

Operator: BERRY PETROLEUM COMPANY
Address: 4000 S. 4028 W., RT. 2 BOX 7735
city ROOSEVELT
state UT zip 84066

Operator Account Number: N 2480

Phone Number: (435) 722-1325

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301334015	FEDERAL 7-1D-65		SENW	1	6S	5W	DUCHESNE
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
A	99999	17775	9/15/2010			9/21/10	

Comments: SPUDDED BY: CRAIG'S ROUSTABOUT
GRRV BHL=SWNE

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	

Comments:

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	

Comments:

ACTION CODES:
- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

KATHY K. FIELDSTED
Name (Please Print)
Kathy K. Fieldsted
Signature
Reg. & Permitting Specialist
Title
9/16/2010
Date

RECEIVED
SEP 16 2010
DIV. OF OIL, GAS & MINING

(5/2000)

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

September 18, 2010

T06S R05W S-01
43-013-34015

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

Re: Moving Berry Rig 5 to the Federal; 7-1D-65
Running casing and cement on the 13-36D-55 Sept. 18,2010

Please accept this as a notice from Berry Petroleum Company to move on to location and resume drilling.

Federal 7-1D-65, SE/NW 2023' FNL 2174' FWL @ APPROX 9:00 HOURS. , Sept 18, 2010.

Lease # UTU-77326
If you have any questions or need more information, please call me at 281-605-2103.

Sincerely
R. Boyd Cottam
Consultant

Thank You

RECEIVED
SEP 2 0 2010
DIV. OF OIL, GAS & MINING

API Well No: 43013340150000

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-77326

SUNDRY NOTICES AND REPORTS ON WELLS

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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 7-1D-65

2. NAME OF OPERATOR:
BERRY PETROLEUM COMPANY

9. API NUMBER:
43013340150000

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:
2023 FNL 2174 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SENW Section: 01 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
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
✓ DRILLING REPORT Report Date: 9/25/2010	☐ 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 7-1D-65.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
September 27, 2010

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Kathy K. Fieldsted	435 722-1325	Sr. Regulatory & Permitting Tech.
SIGNATURE		**DATE**
N/A		9/27/2010

RECEIVED September 27, 2010

Berry Daily Drilling Report

Report Date: 9/19/2010
Report #: 1, DFS:
Depth Progress:

Well Name: FEDERAL 7-1D-65

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013340150000	SENW Section1 T6S,R5W		Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
9/20/2010 2:00:00 AM		14.00	7,346

Operations at Report Time	Operations Next 24 Hours
Testing BOPE	Test BOPE, Pick up BHA, Tag cement and drill cement and shoe track. Drill new formation.

Operations Summary
Rigging up on new location.

Remarks

Weather	Temperature (°F)	Road Condition	Hole Condition

AFE Number	Total AFE Amount
	389,321
Daily Cost	**Cum Cost To Date**
31,509	31,509
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)**
Wasatch	6,143

Daily Contacts

Job Contact	Mobile
R. Boyd Cottam	281-605-213

Rigs

Contractor	Rig Number
Frontier	5

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	341	8 5/8	Cemented

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	17:00	11.00	Rig Up & Tear Down	Set matting boards, Set substructor over new hole, Set ramps Drive carrier onto ramps, Rig up mud tank, Set water tank, dog house parts house, generators, mud pumps, and brant equipment. Rig up water lines, electrical lines, viberating hose. Raise derrick, string guy wires, rig up floor, set in catwalk and pipe tubs. Set pipe racks and load with BHA.
17:00	18:00	1.00	NU/ND BOP	Nipple up BOPE and start testing.

Mud Pumps

1, Gardner-Denver, PZ-8

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0		7.99

Liner Size (in)	Vol/Stk OR (bbl/stk)
6 1/2	0.078

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

2, Gardner-Denver, PZ-8

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0		7.99

Liner Size (in)	Vol/Stk OR (bbl/stk)
6 1/2	0.078

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)

Gel (10s) (lbf/100...	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)

Mud Additive Amounts

Description	Consumed	Daily Cost

Job Supplies

Diesel Fuel, <Unit Label?>

Supply Item Description	Unit Label
Diesel Fuel	

Total Received	Total Consumed	Total Returned
	2,606.0	

Diesel Fuel Consumption

Date	Consumed
9/20/2010	353.0
9/21/2010	649.0
9/22/2010	834.0
9/23/2010	770.0

Air Data

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)

Corrosion Inhibitor Injected in 24hr Period

gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Drill Strings

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

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

Drill String Components

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

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...
		All Survey					

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

RECEIVED September 27, 2010

Berry Daily Drilling Report

Report Date: 9/20/2010
Report #: 2, DFS: 0.2
Depth Progress: 450

Well Name: FEDERAL 7-1D-65

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013340150000	SENW Section1 T6S,R5W		Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
9/20/2010 2:00:00 AM		14.00	7,346

Operations at Report Time	Operations Next 24 Hours
Drilling @ 800'	Drill 7 7/8" production hole

Operations Summary
Replace brake bands and pads.Pick up directional tools, tag cement @ 271', Drill cement and shoe track to 350', Drill production hole 350' to 800'.

Remarks
Safety meeting - Replacement, adjustment and inpection of brakes.

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	59.0	Good	Good

AFE Number	Total AFE Amount
	389,321
Daily Cost	**Cum Cost To Date**
29,586	61,095
Daily Mud Cost	**Mud Additive Cost To Date**
Depth Start (ftKB)	**Depth End (ftKB)**
350	800
Depth Start (TVD) (ftKB)	**Depth End (TVD) (ftKB)**
350	799
Target Formation	**Target Depth (ftKB)**
Wasatch	6,143

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	341	8 5/8	Cemented

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	09:00	3.00	Test BOP	Tested upper kelly valve, safet valve, pipe rams, blind rams, choke line, choke manifold, and casing. 2000 PSI high, 250psi low. Tested casing to 1500 psi.
09:00	21:30	12.50	Repair Rig	Replace brake bands and brake pads
21:30	23:30	2.00	Trips	Pick up directional tools.
23:30	00:30	1.00	Trips	Pick up BHA, Tag cement @ 279'
00:30	02:00	1.50	Drill Out Cement/Retainers	Drill cement and shoe track to 350'
02:00	06:00	4.00	Drilling	Drill 350' to 800'

Mud Checks

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

Gel (10s) (lbf/100...	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, FX65M, 11185214	-------	0.98

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
16/16/16/16/16	6,221.06		83.9

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	4 1/2	40.00							
161	Drill pipe	4	5,097.20							
16	HWDP	6 1/4	918.04							
2	DC	4 1/2	60.79							
1	NMDC	6 1/2	31.13							
1	gap sub	6 1/4	5.62							
1	NMDC	6 1/2	30.31							
1	Pony	6 1/4	9.53							
1	Motor	6 1/2	28.44	0.8...	3.5	2.100	6.91	250	425	650307

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	350.0	800.0	450.00	4.00	4.00	112.5	380

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
15	60	800.0					

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

Daily Contacts

Job Contact	Mobile
R. Boyd Cottam	281-605-213

Rigs

Contractor	Rig Number
Frontier	5

Mud Pumps

1, Gardner-Denver, PZ-8

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0		7.99

Liner Size (in)	Vol/Stk OR (bbl/stk)
6 1/2	0.078

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

2, Gardner-Denver, PZ-8

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0		7.99

Liner Size (in)	Vol/Stk OR (bbl/stk)
6 1/2	0.078

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

Mud Additive Amounts

Description	Consumed	Daily Cost

Job Supplies

Diesel Fuel, <Unit Label?>

Supply Item Description	Unit Label
Diesel Fuel	

Total Received	Total Consumed	Total Returned
	2,606.0	

Diesel Fuel Consumption

Date	Consumed
9/20/2010	353.0
9/21/2010	649.0
9/22/2010	834.0
9/23/2010	770.0

RECEIVED September 27, 2010

Berry Daily Drilling Report

Well Name: FEDERAL 7-1D-65

Report Date: 9/20/2010
Report #: 2, DFS: 0.2
Depth Progress: 450

Deviation Surveys

All Survey

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
		All Survey					

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
460.00	0.88	210.69	459.98	-3.04	-1.80	-1.95	0.19
580.00	2.86	110.14	579.93	-4.86	0.54	0.30	2.62
702.00	6.10	94.15	701.55	-6.38	9.86	9.54	2.82

RECEIVED September 27, 2010

Berry Daily Drilling Report

Report Date: 9/21/2010
Report #: 3, DFS: 1.2
Depth Progress: 1,909

Well Name: FEDERAL 7-1D-65

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013340150000	SENW Section1 T6S,R5W		Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
9/20/2010 2:00:00 AM		14.00	7,346

Operations at Report Time: Drilling @ 2709'

Operations Next 24 Hours: Drill 7 7/8" production hole

Operations Summary: Drilling, Rig service, and Drill to 2709'

Remarks: Safety meeting - Pipe slips

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	46.0	Good	Good

AFE Number	Total AFE Amount
	389,321
Daily Cost	**Cum Cost To Date**
58,777	119,872
Daily Mud Cost	**Mud Additive Cost To Date**
2,925	2,925
Depth Start (ftKB)	**Depth End (ftKB)**
800	2,709
Depth Start (TVD) (ftKB)	**Depth End (TVD) (ftKB)**
799	2,623
Target Formation	**Target Depth (ftKB)**
Wasatch	6,143

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	341	8 5/8	Cemented

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	15:00	9.00	Drilling	Drilling 800' to 1252'
15:00	16:00	1.00	Lubricate Rig	Rig service
16:00	06:00	14.00	Drilling	Drilling 1252' to 2709'

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Dap	06:00	2,613.0	8.40	27	1.0	1.000

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

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
		99.0	500.000	400.000		

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

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, FX65M, 11185214	-------	0.98

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
16/16/16/16/16	6,221.06		83.9

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	4 1/2	40.00							
161	Drill pipe	4	5,097.20							
16	HWDP	6 1/4	918.04							
2	DC	4 1/2	60.79							
1	NMDC	6 1/2	31.13							
1	gap sub	6 1/4	5.62							
1	NMDC	6 1/2	30.31							
1	Pony	6 1/4	9.53							
1	Motor	6 1/2	28.44	0.8...	3.5	2.100	6.91	250	425	650307

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	800.0	2,709.0	2,359.00	23.00	27.00	83.0	425

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
15	60	800.0	68	76	60		

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) ...
	89							

Deviation Surveys

All Survey

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
		All Survey					

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
826.00	8.20	90.40	824.57	-6.92	25.28	24.92	1.73
948.00	10.85	90.19	944.88	-7.02	45.47	45.07	2.17

Daily Contacts

Job Contact	Mobile
R. Boyd Cottam	281-605-213

Rigs

Contractor	Rig Number
Frontier	5

Mud Pumps

1, Gardner-Denver, PZ-8

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0		7.99

Liner Size (in)	Vol/Stk OR (bbl/stk)
6 1/2	0.078

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

2, Gardner-Denver, PZ-8

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0		7.99

Liner Size (in)	Vol/Stk OR (bbl/stk)
6 1/2	0.078

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

Mud Additive Amounts

Description	Consumed	Daily Cost
Dap	25.0	712.50
Defoamer	6.0	750.00
Gypsum	120.0	1,260.00
Sawdust	45.0	202.50

Job Supplies

Diesel Fuel, <Unit Label?>

Supply Item Description	Unit Label
Diesel Fuel	

Total Received	Total Consumed	Total Returned
	2,606.0	

Diesel Fuel Consumption

Date	Consumed
9/20/2010	353.0
9/21/2010	649.0
9/22/2010	834.0
9/23/2010	770.0

RECEIVED September 27, 2010

Berry Daily Drilling Report

Report Date: 9/21/2010
Report #: 3, DFS: 1.2
Depth Progress: 1,909

Well Name: FEDERAL 7-1D-65

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
1,071.00	13.00	87.03	1,065.22	-6.34	70.86	70.47	1.83
1,260.00	15.80	84.70	1,248.27	-2.86	117.72	117.45	1.51
1,450.00	17.20	85.70	1,430.44	1.64	171.49	171.37	0.75
1,641.00	18.00	82.80	1,612.50	7.45	228.93	229.03	0.62
1,830.00	18.00	84.90	1,792.25	13.71	286.99	287.32	0.34
2,020.00	18.80	87.20	1,972.54	17.81	346.81	347.27	0.57
2,211.00	18.41	87.29	2,153.56	20.74	407.68	408.21	0.20
2,400.00	19.70	88.00	2,332.20	23.27	469.33	469.91	0.69
2,591.00	19.30	87.30	2,512.24	25.88	533.03	533.66	0.24

RECEIVED September 27, 2010

Berry Daily Drilling Report

Report Date: 9/22/2010
Report #: 4, DFS: 2.2
Depth Progress: 1,929

Well Name: FEDERAL 7-1D-65

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013340150000	SENW Section1 T6S,R5W		Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
9/20/2010 2:00:00 AM		14.00	7,346

Operations at Report Time: Drilling @ 4638'

Operations Next 24 Hours: Drill 7 7/8" production hole.

Operations Summary: Drilling, Rig service, and Drill to 4638'

Remarks: Safety meeting - communications during shift change

Weather	Temperature (°F)	Road Condition	Hole Condition
Cloudy	54.0	Good	Good

AFE Number	Total AFE Amount
	389,321
Daily Cost	**Cum Cost To Date**
43,634	163,506
Daily Mud Cost	**Mud Additive Cost To Date**
4,099	7,024
Depth Start (ftKB)	**Depth End (ftKB)**
2,709	4,638
Depth Start (TVD) (ftKB)	**Depth End (TVD) (ftKB)**
2,623	4,457
Target Formation	**Target Depth (ftKB)**
Wasatch	6,143

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	341	8 5/8	Cemented

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	15:00	9.00	Drilling	Drilling 2709' to 3406'
15:00	15:30	0.50	Lubricate Rig	Rig service
15:30	06:00	14.50	Drilling	Drilling 3406' to 4638' WOB 20, RPM 60, GPM 425

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Dap	06:00	2,900.0	8.40	27	1.0	1.000

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

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
		99.0	500.000	600.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
					158.0

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, FX65M, 11185214	-------	0.98

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
16/16/16/16/16	6,221.06		83.9

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	4 1/2	40.00							
161	Drill pipe	4	5,097.20							
16	HWDP	6 1/4	918.04							
2	DC	4 1/2	60.79							
1	NMDC	6 1/2	31.13							
1	gap sub	6 1/4	5.62							
1	NMDC	6 1/2	30.31							
1	Pony	6 1/4	9.53							
1	Motor	6 1/2	28.44	0.8...	3.5	2.100	6.91	250	425	650307

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)
Original Hole	2,709.0	4,638.0	4,288.00	23.50	50.50	82.1	425

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
20	60	1,600.0	88	116	76		

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) ...
	89							

Deviation Surveys

All Survey

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
		All Survey					

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
2,781.00	19.90	88.70	2,691.23	28.09	596.73	597.39	0.40

Daily Contacts

Job Contact	Mobile
R. Boyd Cottam	281-605-213

Rigs

Contractor	Rig Number
Frontier	5

Mud Pumps

1, Gardner-Denver, PZ-8

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0		7.99

Liner Size (in)	Vol/Stk OR (bbl/stk)
6 1/2	0.078

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

2, Gardner-Denver, PZ-8

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0		7.99

Liner Size (in)	Vol/Stk OR (bbl/stk)
6 1/2	0.078

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

Mud Additive Amounts

Description	Consumed	Daily Cost
Defoamer	10.0	1,250.00
Engineer	1.0	450.00
Gypsum	120.0	1,260.00
Pallets	7.0	101.50
Poly plus	3.0	361.50
Sawdust	75.0	337.50
Shink wrap	7.0	101.50
Tax	1.0	237.00

Job Supplies

Diesel Fuel, <Unit Label?>

Supply Item Description	Unit Label
Diesel Fuel	

Total Received	Total Consumed	Total Returned
	2,606.0	

Diesel Fuel Consumption

Date	Consumed
9/20/2010	353.0
9/21/2010	649.0
9/22/2010	834.0
9/23/2010	770.0

RECEIVED September 27, 2010

Berry Daily Drilling Report

Report Date: 9/22/2010
Report #: 4, DFS: 2.2
Depth Progress: 1,929

Well Name: FEDERAL 7-1D-65

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
2,970.00	21.30	90.30	2,868.15	28.64	663.21	663.82	0.80
3,161.00	22.10	87.40	3,045.61	30.09	733.80	734.40	0.70
3,351.00	21.80	85.40	3,221.84	34.54	804.67	805.40	0.42
3,541.00	20.80	84.20	3,398.86	40.78	873.40	874.35	0.57
3,731.00	19.20	83.90	3,577.40	47.51	938.03	939.23	0.84
3,921.00	17.20	83.80	3,757.89	53.86	997.03	998.47	1.05
4,112.00	14.20	83.30	3,941.74	59.65	1,048.39	1,050.04	1.57
4,299.00	11.60	86.00	4,124.00	63.63	1,089.93	1,091.73	1.43
4,489.00	10.80	86.50	4,310.38	66.05	1,126.75	1,128.63	0.42

RECEIVED September 27, 2010

Berry Daily Drilling Report

Report Date: 9/23/2010
Report #: 5, DFS: 3.2
Depth Progress: 1,583

Well Name: FEDERAL 7-1D-65

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013340150000	SENW Section1 T6S,R5W		Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
9/20/2010 2:00:00 AM		14.00	7,346

Operations at Report Time: Trip out of hole.

Operations Next 24 Hours: Trip out of hole to lay down BHA, Trip in hole. Circ and sweep hole. Trip out of hole laying down drill pipe.

Operations Summary: Drilling, Rig service, and Drill to 6221'. Circ and sweep hole for trip out of hole.

Remarks: Safety meeting - Cutting drilling line.

Weather	Temperature (°F)	Road Condition	Hole Condition
Cloudy	48.0	Good	Good

AFE Number	Total AFE Amount
	389,321
Daily Cost	**Cum Cost To Date**
29,891	193,397
Daily Mud Cost	**Mud Additive Cost To Date**
1,944	8,968
Depth Start (ftKB)	**Depth End (ftKB)**
4,638	6,221
Depth Start (TVD) (ftKB)	**Depth End (TVD) (ftKB)**
4,457	
Target Formation	**Target Depth (ftKB)**
Wasatch	6,143

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	341	8 5/8	Cemented

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	15:30	9.50	Drilling	Drill 4638' to 5335'
15:30	16:00	0.50	Lubricate Rig	Rig service
16:00	04:00	12.00	Drilling	Drill 5335' to 6221'
04:00	05:00	1.00	Condition Mud & Circulate	Circ and sweep hole for trip out.
05:00	06:00	1.00	Trips	Trip out of hole.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Dap	06:00	4,800.0	8.40	27	1.0	1.000

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

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
		99.0	500.000	600.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
					266.0

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, FX65M, 11185214	-------	0.98

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
16/16/16/16/16	6,221.06		83.9

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	4 1/2	40.00							
161	Drill pipe	4	5,097.20							
16	HWDP	6 1/4	918.04							
2	DC	4 1/2	60.79							
1	NMDC	6 1/2	31.13							
1	gap sub	6 1/4	5.62							
1	NMDC	6 1/2	30.31							
1	Pony	6 1/4	9.53							
1	Motor	6 1/2	28.44	0.8...	3.5	2.100	6.91	250	425	650307

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)
Original Hole	4,638.0	6,221.0	5,871.00	19.50	70.00	81.2	425

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
20	60	1,600.0	110	140	90		

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) ...
	89							

Daily Contacts

Job Contact	Mobile
R. Boyd Cottam	281-605-213

Rigs

Contractor	Rig Number
Frontier	5

Mud Pumps

1, Gardner-Denver, PZ-8

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0		7.99

Liner Size (in)	Vol/Stk OR (bbl/stk)
6 1/2	0.078

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

2, Gardner-Denver, PZ-8

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0		7.99

Liner Size (in)	Vol/Stk OR (bbl/stk)
6 1/2	0.078

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

Mud Additive Amounts

Description	Consumed	Daily Cost
Dap	25.0	712.50
Engineer	1.0	450.00
Fiber seal	10.0	165.00
Pallets	3.0	43.50
Sawdust	65.0	292.50
Shink wrap	3.0	43.50
Tax	1.0	237.00

Job Supplies

Diesel Fuel, <Unit Label?>

Supply Item Description	Unit Label
Diesel Fuel	

Total Received	Total Consumed	Total Returned
	2,606.0	

Diesel Fuel Consumption

Date	Consumed
9/20/2010	353.0
9/21/2010	649.0
9/22/2010	834.0
9/23/2010	770.0

RECEIVED September 27, 2010

Berry Daily Drilling Report

Well Name: FEDERAL 7-1D-65

Report Date: 9/23/2010
Report #: 5, DFS: 3.2
Depth Progress: 1,583

Deviation Surveys

All Survey

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
		All Survey					

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
4,676.00	10.10	85.70	4,494.28	68.35	1,160.59	1,162.54	0.38
4,868.00	7.90	84.00	4,683.91	70.99	1,190.51	1,192.54	1.15
5,060.00	5.90	84.90	4,874.51	73.25	1,213.46	1,215.58	1.04
5,249.00	3.80	88.30	5,062.82	74.30	1,229.40	1,231.55	1.12
5,438.00	2.30	99.20	5,251.55	73.88	1,239.40	1,241.52	0.85
5,629.00	1.90	112.80	5,442.42	72.04	1,246.10	1,248.13	0.33
5,819.00	1.90	138.70	5,632.32	68.45	1,251.09	1,252.93	0.45
6,009.00	1.70	163.10	5,822.23	63.39	1,253.98	1,255.58	0.41
6,104.00	1.80	174.60	5,917.18	60.56	1,254.53	1,256.00	0.38

RECEIVED September 27, 2010

Berry Daily Drilling Report

Report Date: 9/24/2010
Report #: 6, DFS: 4.2
Depth Progress: 0

Well Name: FEDERAL 7-1D-65

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013340150000	SENW Section1 T6S,R5W		Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
9/20/2010 2:00:00 AM		14.00	7,346

Operations at Report Time	Operations Next 24 Hours
Set slips	Rig down for move to 7-11D-65

Operations Summary
Trip out to 3434', Circ gas out, Trip in hole, Circ and cond hole for trip, Run two sweeps, Rig up lay down truck, Trip out of hole laying down drill pipe, Rig up PSI and log well. Rig up Pro-Petro and cement casing in place. 20 bbls cement to surface.

Remarks
Safety meeting - changing pump pistons.

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	46.0	Good	Good

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Production	6,221	5 1/2	Cemented

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	06:30	0.50	Trips	Trip out of hole to 3434'
06:30	07:30	1.00	Condition Mud & Circulate	Circ gas out of hole.
07:30	08:30	1.00	Trips	Trip in hole
08:30	11:00	2.50	Condition Mud & Circulate	Circ and cond hole for trip. Ran gel/lcm sweep
11:00	12:00	1.00	Trips	Rig up lay down truck
12:00	16:30	4.50	LD Drillpipe	Lay down drill pipe, Directional tools.
16:30	18:00	1.50	Wire Line Logs	Rig up PSI loging tools
18:00	21:00	3.00	Wire Line Logs	Run logs.Gamma Ray, Neutron, Density, Caliper and Duel insuction logs
21:00	03:00	6.00	Run Casing & Cement	Run 5 1/2" production casing
03:00	04:30	1.50	Condition Mud & Circulate	Circ and cond hole for cement. Rig down weatherford casing equipment.
04:30	06:00	1.50	Run Casing & Cement	Cement casing in place. 20 bbls mud flush, 136 bbls lead cement, 118 bbls tail cement, 147 bbls displacement. 20 bbls cement to surface.

Mud Checks

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

Gel (10s) (lbf/100...	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)

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Dap	06:00	6,221.0	8.40	27	1.0	1.000

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

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
		99.0	500.000	600.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
					347.0

Air Data

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)

Corrosion Inhibitor Injected in 24hr Period

gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Drill Strings

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

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

AFE Number	Total AFE Amount
	389,321

Daily Cost	Cum Cost To Date
83,732	277,129

Daily Mud Cost	Mud Additive Cost To Date
5,053	14,021

Depth Start (ftKB)	Depth End (ftKB)
6,221	6,221

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

Target Formation	Target Depth (ftKB)
Wasatch	6,143

Daily Contacts

Job Contact	Mobile
R. Boyd Cottam	281-605-213

Rigs

Contractor	Rig Number
Frontier	5

Mud Pumps

1, Gardner-Denver, PZ-8

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0		7.99

Liner Size (in)	Vol/Stk OR (bbl/stk)
6 1/2	0.078

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

2, Gardner-Denver, PZ-8

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0		7.99

Liner Size (in)	Vol/Stk OR (bbl/stk)
6 1/2	0.078

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

Mud Additive Amounts

Description	Consumed	Daily Cost
Dap	15.0	427.50
Defoamer	1.0	125.00
Engineer	1.0	450.00
Gypsum	240.0	2,520.00
Pallets	2.0	29.00
Sawdust	15.0	67.50
Seamud	20.0	300.00
Shink wrap	2.0	29.00
Tax	1.0	237.00
Trucking	1.0	800.00
Walnut	5.0	68.00

Job Supplies

Diesel Fuel, <Unit Label?>

Supply Item Description	Unit Label
Diesel Fuel	

Total Received	Total Consumed	Total Returned
	2,606.0	

Diesel Fuel Consumption

Date	Consumed
9/20/2010	353.0
9/21/2010	649.0
9/22/2010	834.0
9/23/2010	770.0

RECEIVED September 27, 2010

Berry Daily Drilling Report

Report Date: 9/24/2010
Report #: 6, DFS: 4.2
Depth Progress: 0

Well Name: FEDERAL 7-1D-65

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...
		All Survey					

Survey Data

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

RECEIVED September 27, 2010

Berry Daily Drilling Report

Report Date: 9/25/2010
Report #: 7, DFS: 4.6
Depth Progress: 0

Well Name: FEDERAL 7-1D-65

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013340150000	SENW Section1 T6S,R5W		Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
9/20/2010 2:00:00 AM		14.00	7,346

Operations at Report Time	Operations Next 24 Hours
Move rig to the 7-11D-65	Move rig and skid mounted houses.

Operations Summary
Rig down Pro-Petro, Nipple down BOPE, Set slips, Rig down and move rig to 7-11D-65.

Remarks
Safety meeting - Lowering derrick.

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

AFE Number	Total AFE Amount
	389,321
Daily Cost	**Cum Cost To Date**
11,679	288,808
Daily Mud Cost	**Mud Additive Cost To Date**
	14,021
Depth Start (ftKB)	**Depth End (ftKB)**
6,221	6,221
Depth Start (TVD) (ftKB)	**Depth End (TVD) (ftKB)**
Target Formation	**Target Depth (ftKB)**
Wasatch	6,143

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Production	6,221	5 1/2	Cemented

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	06:30	0.50	Run Casing & Cement	Rig down Pro-Petro
06:30	08:30	2.00	NU/ND BOP	Nipple down BOPE and set slips @ 80,000.
08:30	16:00	7.50	Rig Up & Tear Down	Rigging down. Lay down mousee hole and rat hole w/ kelly. Rig down floor, Rig down mud pit, mud pumps, electrical lines, mud lines, water lines, Rig down choke manifold.Lower derrick and roll up guy wires. Drive carrier off ramps. Set out ramps. Set out mud pumps, fuel tank, parts house, generators, pipe tubs, catwalk. Move substructor to new location. Move skid mounted houses.

Daily Contacts

Job Contact	Mobile
R. Boyd Cottam	281-605-213

Rigs

Contractor	Rig Number
Frontier	5

Mud Pumps

1, Gardner-Denver, PZ-8

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0		7.99

Liner Size (in)	Vol/Stk OR (bbl/stk)
6 1/2	0.078

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

2, Gardner-Denver, PZ-8

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0		7.99

Liner Size (in)	Vol/Stk OR (bbl/stk)
6 1/2	0.078

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)

Gel (10s) (lbf/100...	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)

Mud Additive Amounts

Description	Consumed	Daily Cost

Job Supplies

Diesel Fuel, <Unit Label?>

Supply Item Description	Unit Label
Diesel Fuel	

Total Received	Total Consumed	Total Returned
	2,606.0	

Diesel Fuel Consumption

Date	Consumed
9/20/2010	353.0
9/21/2010	649.0
9/22/2010	834.0
9/23/2010	770.0

Air Data

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)

Corrosion Inhibitor Injected in 24hr Period

gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Drill Strings

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

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

Drill String Components

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

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...
		All Survey					

Survey Data

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

RECEIVED September 27, 2010

API Well No: 43013340150000

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-77326

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 7-1D-65

2. NAME OF OPERATOR:
BERRY PETROLEUM COMPANY

9. API NUMBER:
43013340150000

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:
2023 FNL 2174 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SENW Section: 01 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: 9/25/2010	☐ 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 A CHANGE IN THE DIRECTIONAL DRILLING PLAN THAT WAS ORIGINALLY SUBMITTED AND APPROVED. WE HAVE CHANGED FROM A SLANT PLAN TO A S-CURVE DRILLING PLAN THE BHL WILL STILL FALL WITHIN THE LEGAL LIMITS AND THERE WILL BE NO CHANGE TO THE SHL. PLEASE SEE THE ATTACHED NEW DRILLING PLAN FOR THE FEDERAL 7-1D-65.

Accepted by the Utah Division of Oil, Gas and Mining

Date: September 28, 2010

By:

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

SIGNATURE	DATE
N/A	9/13/2010

RECEIVED September 13, 2010

Well Planning Proposal

FOR

Berry Petroleum Co.
Federal 7-1D-65
Duchesne Co., UT

Well File: Design #1 (9/9/10)

Presented By:

Pat Rasmussen
Regional Manager

Bret Wolford
Well Planner

GREAT WHITE
DIRECTIONAL SERVICES, L.L.C.

RECEIVED September 13, 2010

Project: Duchesne Co., UT (UT27C)
Site: Federal Sec.1 Pads (Sec.1-T6S-R5W)
Well: Federal 7-1D-65
Wellbore: Wellbore #1
Design: Design #1
Latitude: 39° 59' 25.879 N
Longitude: 110° 23' 50.179 W
Ground Level: 7346.00
WELL @ 7360.00ft (Original Well Elev)

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 7-1D-65, True North
Vertical (TVD) Reference: WELL @ 7360.00ft (Original Well Elev)
Section (VS) Reference: Slot - (0.00N, 0.00E)
Measured Depth Reference: WELL @ 7360.00ft (Original Well Elev)
Calculation Method: Minimum Curvature

WELL DETAILS: Federal 7-1D-65

Ground Level: 7346.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	605497.490	2308956.469	39° 59' 25.879 N	110° 23' 50.179 W	

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

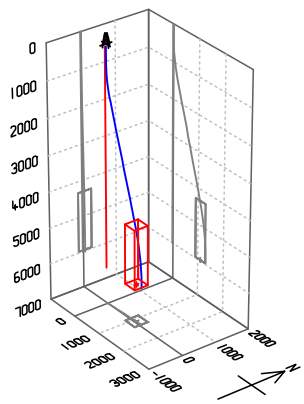
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
Fed 7-1D-65 Tgt	5963.00	52.04	1098.35	605563.067	2310054.094	39° 59' 26.393 N	110° 23' 36.067 W	Polygon

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
450.00	0.00	0.00	450.00	0.00	0.00	0.00	0.00	0.00	Start Build 2.00
1318.24	17.36	87.83	1305.01	4.93	130.47	2.00	87.83	130.56	Start 3088.73 hold at 1318.24 MD
4406.98	17.36	87.83	4252.97	39.76	1051.67	0.00	0.00	1052.37	Start Drop -1.00
6143.47	0.00	0.00	5963.00	49.62	1312.61	1.00	180.00	1313.49	TD at 6143.47

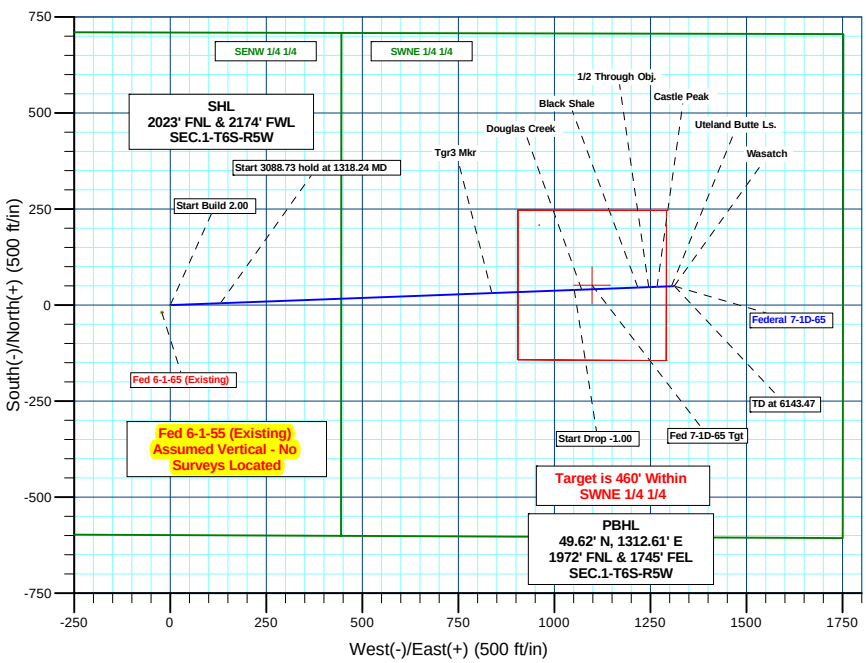
FORMATION TOP DETAILS

TVDPath	MDPath	Formation
1355.35	1370.98	Green River
1911.14	1953.32	Green River Upr Mkr
2517.18	2588.30	Mahogany
3567.46	3688.73	Tgr3 Mkr
4317.22	4474.17	Douglas Creek
4921.56	5096.21	Black Shale
5091.02	5268.09	1/2 Through Obj.
5242.36	5420.92	Castle Peak
5659.96	5840.29	Uteland Butte Ls.
5863.08	6043.54	Wasatch



T M
Azimuths to True North
Magnetic North: 11.53°

Magnetic Field
Strength: 52252.3snT
Dip Angle: 65.70°
Date: 09/09/2010
Model: IGRF2010



Plan: Design #1 (Federal 7-1D-65/Wellbore #1)

Created By: Bret Wolford Date: 13:59, September 09 2010

RECEIVED September 13, 2010

Berry Petroleum Company

Duchesne Co., UT (UT27C)
Federal Sec.1 Pads (Sec.1-T6S-R5W)
Federal 7-1D-65

Wellbore #1

Plan: Design #1

Standard Planning Report

09 September, 2010

GREAT WHITE
DIRECTIONAL SERVICES, L.L.C.

RECEIVED September 13, 2010

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well Federal 7-1D-65
Company:	Berry Petroleum Company	**TVD Reference:**	WELL @ 7360.00ft (Original Well Elev)
Project:	Duchesne Co., UT (UT27C)	**MD Reference:**	WELL @ 7360.00ft (Original Well Elev)
Site:	Federal Sec.1 Pads (Sec.1-T6S-R5W)	**North Reference:**	True
Well:	Federal 7-1D-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 Federal Sec.1 Pads (Sec.1-T6S-R5W)

Site Position:		**Northing:**	605,769.134 ft	**Latitude:**	39° 59' 28.309 N
From:	Lat/Long	**Easting:**	2,311,038.090 ft	**Longitude:**	110° 23' 23.392 W
Position Uncertainty:	0.00 ft	**Slot Radius:**	"	**Grid Convergence:**	0.71 °

Well Federal 7-1D-65

Well Position	**+N/-S**	-245.96 ft	**Northing:**	605,497.490 ft	**Latitude:**	39° 59' 25.879 N
	+E/-W	-2,084.81 ft	**Easting:**	2,308,956.469 ft	**Longitude:**	110° 23' 50.179 W
Position Uncertainty		0.00 ft	**Wellhead Elevation:**	ft	**Ground Level:**	7,346.00 ft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	09/09/10	11.53	65.70	52,252

Design Design #1

Audit Notes:

Version:		**Phase:**	PLAN	**Tie On Depth:**	0.00

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	87.29

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	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	
1,318.24	17.36	87.83	1,305.01	4.93	130.47	2.00	2.00	0.00	87.83	
4,406.98	17.36	87.83	4,252.97	39.76	1,051.67	0.00	0.00	0.00	0.00	
6,143.47	0.00	0.00	5,963.00	49.62	1,312.61	1.00	-1.00	0.00	180.00	

RECEIVED September 13, 2010

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well Federal 7-1D-65
Company:	Berry Petroleum Company	**TVD Reference:**	WELL @ 7360.00ft (Original Well Elev)
Project:	Duchesne Co., UT (UT27C)	**MD Reference:**	WELL @ 7360.00ft (Original Well Elev)
Site:	Federal Sec.1 Pads (Sec.1-T6S-R5W)	**North Reference:**	True
Well:	Federal 7-1D-65	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
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" Casing									
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	87.83	500.00	0.02	0.44	0.44	2.00	2.00	0.00
600.00	3.00	87.83	599.93	0.15	3.92	3.93	2.00	2.00	0.00
700.00	5.00	87.83	699.68	0.41	10.89	10.90	2.00	2.00	0.00
800.00	7.00	87.83	799.13	0.81	21.34	21.35	2.00	2.00	0.00
900.00	9.00	87.83	898.15	1.33	35.25	35.27	2.00	2.00	0.00
1,000.00	11.00	87.83	996.63	1.99	52.60	52.63	2.00	2.00	0.00
1,100.00	13.00	87.83	1,094.44	2.77	73.37	73.42	2.00	2.00	0.00
1,200.00	15.00	87.83	1,191.46	3.69	97.55	97.61	2.00	2.00	0.00
1,300.00	17.00	87.83	1,287.58	4.73	125.09	125.17	2.00	2.00	0.00
Start 3088.73 hold at 1318.24 MD									
1,318.24	17.36	87.83	1,305.01	4.93	130.47	130.56	2.00	2.00	0.00
Green River									
1,370.98	17.36	87.83	1,355.35	5.53	146.20	146.30	0.00	0.00	0.00
1,400.00	17.36	87.83	1,383.04	5.85	154.86	154.96	0.00	0.00	0.00
1,500.00	17.36	87.83	1,478.49	6.98	184.68	184.80	0.00	0.00	0.00
1,600.00	17.36	87.83	1,573.93	8.11	214.51	214.65	0.00	0.00	0.00
1,700.00	17.36	87.83	1,669.37	9.24	244.33	244.49	0.00	0.00	0.00
1,800.00	17.36	87.83	1,764.81	10.36	274.15	274.34	0.00	0.00	0.00
1,900.00	17.36	87.83	1,860.25	11.49	303.98	304.18	0.00	0.00	0.00
Green River Upr Mkr									
1,953.32	17.36	87.83	1,911.14	12.09	319.88	320.09	0.00	0.00	0.00
2,000.00	17.36	87.83	1,955.70	12.62	333.80	334.03	0.00	0.00	0.00
2,100.00	17.36	87.83	2,051.14	13.75	363.63	363.87	0.00	0.00	0.00
2,200.00	17.36	87.83	2,146.58	14.87	393.45	393.71	0.00	0.00	0.00
2,300.00	17.36	87.83	2,242.02	16.00	423.28	423.56	0.00	0.00	0.00
2,400.00	17.36	87.83	2,337.47	17.13	453.10	453.40	0.00	0.00	0.00
2,500.00	17.36	87.83	2,432.91	18.26	482.92	483.25	0.00	0.00	0.00
Mahogany									
2,588.30	17.36	87.83	2,517.18	19.25	509.26	509.60	0.00	0.00	0.00
2,600.00	17.36	87.83	2,528.35	19.39	512.75	513.09	0.00	0.00	0.00
2,700.00	17.36	87.83	2,623.79	20.51	542.57	542.94	0.00	0.00	0.00
2,800.00	17.36	87.83	2,719.24	21.64	572.40	572.78	0.00	0.00	0.00
2,900.00	17.36	87.83	2,814.68	22.77	602.22	602.62	0.00	0.00	0.00
3,000.00	17.36	87.83	2,910.12	23.90	632.05	632.47	0.00	0.00	0.00
3,100.00	17.36	87.83	3,005.56	25.02	661.87	662.31	0.00	0.00	0.00
3,200.00	17.36	87.83	3,101.00	26.15	691.69	692.16	0.00	0.00	0.00
3,300.00	17.36	87.83	3,196.45	27.28	721.52	722.00	0.00	0.00	0.00
3,400.00	17.36	87.83	3,291.89	28.41	751.34	751.85	0.00	0.00	0.00
3,500.00	17.36	87.83	3,387.33	29.53	781.17	781.69	0.00	0.00	0.00
3,600.00	17.36	87.83	3,482.77	30.66	810.99	811.53	0.00	0.00	0.00
Tgr3 Mkr									
3,688.73	17.36	87.83	3,567.46	31.66	837.45	838.01	0.00	0.00	0.00
3,700.00	17.36	87.83	3,578.22	31.79	840.82	841.38	0.00	0.00	0.00
3,800.00	17.36	87.83	3,673.66	32.92	870.64	871.22	0.00	0.00	0.00

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Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well Federal 7-1D-65
Company:	Berry Petroleum Company	**TVD Reference:**	WELL @ 7360.00ft (Original Well Elev)
Project:	Duchesne Co., UT (UT27C)	**MD Reference:**	WELL @ 7360.00ft (Original Well Elev)
Site:	Federal Sec.1 Pads (Sec.1-T6S-R5W)	**North Reference:**	True
Well:	Federal 7-1D-65	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
3,900.00	17.36	87.83	3,769.10	34.04	900.46	901.07	0.00	0.00	0.00
4,000.00	17.36	87.83	3,864.54	35.17	930.29	930.91	0.00	0.00	0.00
4,100.00	17.36	87.83	3,959.99	36.30	960.11	960.75	0.00	0.00	0.00
4,200.00	17.36	87.83	4,055.43	37.43	989.94	990.60	0.00	0.00	0.00
4,300.00	17.36	87.83	4,150.87	38.55	1,019.76	1,020.44	0.00	0.00	0.00
Start Drop -1.00									
4,406.98	17.36	87.83	4,252.97	39.76	1,051.67	1,052.37	0.00	0.00	0.00
Douglas Creek									
4,474.17	16.69	87.83	4,317.22	40.50	1,071.33	1,072.05	1.00	-1.00	0.00
4,500.00	16.43	87.83	4,341.98	40.78	1,078.69	1,079.41	1.00	-1.00	0.00
4,600.00	15.43	87.83	4,438.13	41.82	1,106.12	1,106.86	1.00	-1.00	0.00
4,700.00	14.43	87.83	4,534.75	42.79	1,131.88	1,132.63	1.00	-1.00	0.00
4,800.00	13.43	87.83	4,631.81	43.70	1,155.94	1,156.71	1.00	-1.00	0.00
4,900.00	12.43	87.83	4,729.27	44.55	1,178.31	1,179.10	1.00	-1.00	0.00
5,000.00	11.43	87.83	4,827.11	45.33	1,198.97	1,199.77	1.00	-1.00	0.00
Black Shale									
5,096.21	10.47	87.83	4,921.56	46.02	1,217.24	1,218.05	1.00	-1.00	0.00
5,100.00	10.43	87.83	4,925.29	46.05	1,217.93	1,218.74	1.00	-1.00	0.00
5,200.00	9.43	87.83	5,023.79	46.70	1,235.17	1,235.99	1.00	-1.00	0.00
1/2 Through Obj.									
5,268.09	8.75	87.83	5,091.02	47.10	1,245.92	1,246.75	1.00	-1.00	0.00
5,300.00	8.43	87.83	5,122.58	47.28	1,250.69	1,251.52	1.00	-1.00	0.00
5,400.00	7.43	87.83	5,221.62	47.81	1,264.48	1,265.33	1.00	-1.00	0.00
Castle Peak									
5,420.92	7.23	87.83	5,242.36	47.91	1,267.15	1,268.00	1.00	-1.00	0.00
5,500.00	6.43	87.83	5,320.88	48.26	1,276.55	1,277.40	1.00	-1.00	0.00
5,600.00	5.43	87.83	5,420.35	48.65	1,286.88	1,287.74	1.00	-1.00	0.00
5,700.00	4.43	87.83	5,519.98	48.98	1,295.47	1,296.34	1.00	-1.00	0.00
5,800.00	3.43	87.83	5,619.74	49.24	1,302.33	1,303.20	1.00	-1.00	0.00
Uteland Butte Ls.									
5,840.29	3.03	87.83	5,659.96	49.32	1,304.60	1,305.47	1.00	-1.00	0.00
5,900.00	2.43	87.83	5,719.61	49.43	1,307.45	1,308.32	1.00	-1.00	0.00
6,000.00	1.43	87.83	5,819.55	49.56	1,310.82	1,311.70	1.00	-1.00	0.00
Wasatch									
6,043.54	1.00	87.83	5,863.08	49.59	1,311.74	1,312.62	1.00	-1.00	0.00
6,100.00	0.43	87.83	5,919.53	49.62	1,312.45	1,313.33	1.00	-1.00	0.00
Fed 7-1D-65 Tgt									
6,142.66	0.01	87.83	5,962.19	49.62	1,312.61	1,313.49	1.00	-1.00	0.00
TD at 6143.47									
6,143.47	0.00	0.00	5,963.00	49.62	1,312.61	1,313.49	1.00	-1.00	0.00

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Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well Federal 7-1D-65
Company:	Berry Petroleum Company	**TVD Reference:**	WELL @ 7360.00ft (Original Well Elev)
Project:	Duchesne Co., UT (UT27C)	**MD Reference:**	WELL @ 7360.00ft (Original Well Elev)
Site:	Federal Sec.1 Pads (Sec.1-T6S-R5W)	**North Reference:**	True
Well:	Federal 7-1D-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 (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
Fed 7-1D-65 Tgt	0.00	0.00	5,963.00	52.04	1,098.35	605,563.067	2,310,054.094	39° 59' 26.393 N	110° 23' 36.067 W
- plan misses target center by 214.28ft at 6143.45ft MD (5962.99 TVD, 49.63 N, 1312.62 E)									
- Polygon									
Point 1			5,963.00	195.74	-192.95	605,756.41	2,309,858.75		
Point 2			5,963.00	194.82	193.30	605,760.26	2,310,244.98		
Point 3			5,963.00	-196.13	192.87	605,369.33	2,310,249.37		
Point 4			5,963.00	-194.42	-193.23	605,366.28	2,309,863.28		
Point 5			5,963.00	195.74	-192.95	605,756.41	2,309,858.75		

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
350.00	350.00	8 5/8" Casing	8-5/8	12-1/4

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,370.98	1,353.00	Green River		0.92	87.83
1,953.32	1,906.00	Green River Upr Mkr		0.92	87.83
2,588.30	2,509.00	Mahogany		0.92	87.83
3,688.73	3,554.00	Tgr3 Mkr		0.92	87.83
4,474.17	4,300.00	Douglas Creek		0.92	87.83
5,096.21	4,902.00	Black Shale		0.92	87.83
5,268.09	5,071.00	1/2 Through Obj.		0.92	87.83
5,420.92	5,222.00	Castle Peak		0.92	87.83
5,840.29	5,639.00	Uteland Butte Ls.		0.92	87.83
6,043.54	5,842.00	Wasatch		0.92	87.83

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
450.00	450.00	0.00	0.00	Start Build 2.00
1,318.24	1,305.01	4.93	130.47	Start 3088.73 hold at 1318.24 MD
4,406.98	4,252.97	39.76	1,051.67	Start Drop -1.00
6,143.47	5,963.00	49.62	1,312.61	TD at 6143.47

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Berry Petroleum Company

Duchesne Co., UT (UT27C)
Federal Sec.1 Pads (Sec.1-T6S-R5W)
Federal 7-1D-65

Wellbore #1
Design #1

Anticollision Report

09 September, 2010

GREAT WHITE
DIRECTIONAL SERVICES, L.L.C.

RECEIVED September 13, 2010

Great White Directional Services, LLC

Anticollision Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well Federal 7-1D-65
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 7360.00ft (Original Well Elev)
Reference Site:	Federal Sec.1 Pads (Sec.1-T6S-R5W)	**MD Reference:**	WELL @ 7360.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	Federal 7-1D-65	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 2003.21 Single User Db
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 10,000.00ft	**Error Surface:**	Elliptical Conic
Warning Levels Evaluated at:	2.00 **Sigma**		

Survey Tool Program **Date** 09/09/10

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.00	6,143.47	Design #1 (Wellbore #1)	MWD	MWD - Standard

Summary

Site Name / Offset Well - Wellbore - Design	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Federal Sec.1 Pads (Sec.1-T6S-R5W)						
Fed 6-1-65 (Existing) - Wellbore #1 - Wellbore #1	450.00	450.00	28.67	27.28	20.658	CC, ES
Fed 6-1-65 (Existing) - Wellbore #1 - Wellbore #1	600.00	599.93	31.85	29.98	17.050	SF

Offset Design Federal Sec.1 Pads (Sec.1-T6S-R5W) - Fed 6-1-65 (Existing) - Wellbore #1 - Wellbore #1

Offset Site Error: 0.00 ft

Survey Program: 6000-MWD **Offset Well Error:** 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	-130.39	-18.58	-21.84	28.67				
100.00	100.00	100.00	100.00	0.10	0.11	-130.39	-18.58	-21.84	28.67	28.46	0.21	137.334	
200.00	200.00	200.00	200.00	0.32	0.22	-130.39	-18.58	-21.84	28.67	28.13	0.55	52.544	
300.00	300.00	300.00	300.00	0.55	0.34	-130.39	-18.58	-21.84	28.67	27.79	0.88	32.487	
400.00	400.00	400.00	400.00	0.77	0.45	-130.39	-18.58	-21.84	28.67	27.45	1.22	23.512	
450.00	450.00	450.00	450.00	0.88	0.50	-130.39	-18.58	-21.84	28.67	27.28	1.39	20.658	CC, ES
500.00	500.00	500.00	500.00	0.99	0.56	-129.86	-18.58	-21.84	29.02	27.47	1.55	18.721	
600.00	599.93	599.93	599.93	1.20	0.67	-126.02	-18.58	-21.84	31.85	29.98	1.87	17.050	SF
700.00	699.68	699.68	699.68	1.42	0.78	-120.12	-18.58	-21.84	37.84	35.65	2.19	17.245	
800.00	799.13	799.13	799.13	1.67	0.90	-114.18	-18.58	-21.84	47.33	44.80	2.53	18.737	
900.00	898.15	898.15	898.15	1.96	1.01	-109.23	-18.58	-21.84	60.45	57.59	2.86	21.131	
1,000.00	996.63	996.63	996.63	2.28	1.12	-105.45	-18.58	-21.84	77.22	74.02	3.20	24.134	
1,100.00	1,094.44	1,094.44	1,094.44	2.67	1.23	-102.64	-18.58	-21.84	97.57	94.03	3.54	27.540	
1,200.00	1,191.46	1,191.46	1,191.46	3.11	1.34	-100.57	-18.58	-21.84	121.44	117.55	3.89	31.202	
1,300.00	1,287.58	1,287.58	1,287.58	3.62	1.44	-99.01	-18.58	-21.84	148.76	144.51	4.25	35.019	
1,318.24	1,305.01	1,305.01	1,305.01	3.72	1.46	-98.78	-18.58	-21.84	154.11	149.80	4.31	35.726	
1,400.00	1,383.04	1,383.04	1,383.04	4.18	1.55	-97.87	-18.58	-21.84	178.37	173.75	4.63	38.555	
1,500.00	1,478.49	1,478.49	1,478.49	4.75	1.66	-97.06	-18.58	-21.84	208.09	203.08	5.01	41.502	
1,600.00	1,573.93	1,573.93	1,573.93	5.34	1.76	-96.44	-18.58	-21.84	237.84	232.44	5.41	43.997	
1,700.00	1,669.37	1,669.37	1,669.37	5.94	1.87	-95.97	-18.58	-21.84	267.62	261.81	5.80	46.131	
1,800.00	1,764.81	1,764.81	1,764.81	6.54	1.98	-95.59	-18.58	-21.84	297.40	291.20	6.20	47.974	
1,900.00	1,860.25	1,860.25	1,860.25	7.15	2.09	-95.27	-18.58	-21.84	327.20	320.60	6.60	49.579	
2,000.00	1,955.70	1,955.70	1,955.70	7.76	2.19	-95.01	-18.58	-21.84	357.00	350.00	7.00	50.988	
2,100.00	2,051.14	2,051.14	2,051.14	8.37	2.30	-94.79	-18.58	-21.84	386.82	379.41	7.41	52.234	
2,200.00	2,146.58	2,146.58	2,146.58	8.99	2.41	-94.61	-18.58	-21.84	416.63	408.82	7.81	53.343	

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

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Great White Directional Services, LLC

Anticollision Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well Federal 7-1D-65
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 7360.00ft (Original Well Elev)
Reference Site:	Federal Sec.1 Pads (Sec.1-T6S-R5W)	**MD Reference:**	WELL @ 7360.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	Federal 7-1D-65	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 2003.21 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Reference Datum

Offset Design Federal Sec.1 Pads (Sec.1-T6S-R5W) - Fed 6-1-65 (Existing) - Wellbore #1 - Wellbore #1

Offset Site Error: 0.00 ft

Offset Well Error: 0.00 ft

Survey Program: 6000-MWD

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
2,300.00	2,242.02	2,242.02	2,242.02	9.61	2.51	-94.44	-18.58	-21.84	446.45	438.24	8.22	54.336	
2,400.00	2,337.47	2,337.47	2,337.47	10.23	2.62	-94.30	-18.58	-21.84	476.28	467.65	8.62	55.230	
2,500.00	2,432.91	2,432.91	2,432.91	10.85	2.73	-94.17	-18.58	-21.84	506.10	497.07	9.03	56.039	
2,600.00	2,528.35	2,528.35	2,528.35	11.47	2.83	-94.06	-18.58	-21.84	535.93	526.49	9.44	56.774	
2,700.00	2,623.79	2,623.79	2,623.79	12.09	2.94	-93.96	-18.58	-21.84	565.76	555.91	9.85	57.445	
2,800.00	2,719.24	2,719.24	2,719.24	12.71	3.05	-93.87	-18.58	-21.84	595.59	585.33	10.26	58.060	
2,900.00	2,814.68	2,814.68	2,814.68	13.33	3.16	-93.79	-18.58	-21.84	625.43	614.76	10.67	58.625	
3,000.00	2,910.12	2,910.12	2,910.12	13.96	3.26	-93.72	-18.58	-21.84	655.26	644.18	11.08	59.146	
3,100.00	3,005.56	3,005.56	3,005.56	14.58	3.37	-93.65	-18.58	-21.84	685.10	673.61	11.49	59.628	
3,200.00	3,101.00	3,101.00	3,101.00	15.20	3.48	-93.59	-18.58	-21.84	714.93	703.03	11.90	60.075	
3,300.00	3,196.45	3,196.45	3,196.45	15.83	3.58	-93.53	-18.58	-21.84	744.77	732.46	12.31	60.491	
3,400.00	3,291.89	3,291.89	3,291.89	16.45	3.69	-93.48	-18.58	-21.84	774.61	761.88	12.72	60.879	
3,500.00	3,387.33	3,387.33	3,387.33	17.08	3.80	-93.43	-18.58	-21.84	804.44	791.31	13.14	61.242	
3,600.00	3,482.77	3,482.77	3,482.77	17.70	3.90	-93.38	-18.58	-21.84	834.28	820.73	13.55	61.581	
3,700.00	3,578.22	3,578.22	3,578.22	18.33	4.01	-93.34	-18.58	-21.84	864.12	850.16	13.96	61.900	
3,800.00	3,673.66	3,673.66	3,673.66	18.95	4.12	-93.30	-18.58	-21.84	893.96	879.59	14.37	62.200	
3,900.00	3,769.10	3,769.10	3,769.10	19.58	4.23	-93.27	-18.58	-21.84	923.80	909.02	14.79	62.482	
4,000.00	3,864.54	3,864.54	3,864.54	20.21	4.33	-93.23	-18.58	-21.84	953.64	938.44	15.20	62.748	
4,100.00	3,959.99	3,959.99	3,959.99	20.83	4.44	-93.20	-18.58	-21.84	983.48	967.87	15.61	63.000	
4,200.00	4,055.43	4,055.43	4,055.43	21.46	4.55	-93.17	-18.58	-21.84	1,013.32	997.30	16.02	63.238	
4,300.00	4,150.87	4,150.87	4,150.87	22.09	4.65	-93.14	-18.58	-21.84	1,043.16	1,026.73	16.44	63.464	
4,406.98	4,252.97	4,252.97	4,252.97	22.76	4.77	-93.11	-18.58	-21.84	1,075.09	1,058.21	16.88	63.693	
4,500.00	4,341.98	4,341.98	4,341.98	23.27	4.87	-93.09	-18.58	-21.84	1,102.12	1,084.87	17.25	63.885	
4,600.00	4,438.13	4,438.13	4,438.13	23.73	4.98	-93.07	-18.58	-21.84	1,129.57	1,111.95	17.62	64.095	
4,700.00	4,534.75	4,534.75	4,534.75	24.17	5.08	-93.04	-18.58	-21.84	1,155.34	1,137.36	17.99	64.234	
4,800.00	4,631.81	4,631.81	4,631.81	24.58	5.19	-93.03	-18.58	-21.84	1,179.42	1,161.08	18.34	64.308	
4,900.00	4,729.27	4,729.27	4,729.27	24.97	5.30	-93.01	-18.58	-21.84	1,201.80	1,183.12	18.68	64.321	
5,000.00	4,827.11	4,827.11	4,827.11	25.34	5.41	-93.00	-18.58	-21.84	1,222.48	1,203.46	19.02	64.277	
5,100.00	4,925.29	4,925.29	4,925.29	25.69	5.52	-92.98	-18.58	-21.84	1,241.45	1,222.10	19.34	64.180	
5,200.00	5,023.79	5,023.79	5,023.79	26.01	5.63	-92.97	-18.58	-21.84	1,258.70	1,239.04	19.66	64.032	
5,300.00	5,122.58	5,122.58	5,122.58	26.30	5.74	-92.96	-18.58	-21.84	1,274.23	1,254.27	19.96	63.836	
5,400.00	5,221.62	5,221.62	5,221.62	26.57	5.85	-92.95	-18.58	-21.84	1,288.03	1,267.78	20.25	63.594	
5,500.00	5,320.88	5,320.88	5,320.88	26.82	5.97	-92.95	-18.58	-21.84	1,300.10	1,279.57	20.54	63.307	
5,600.00	5,420.35	5,420.35	5,420.35	27.05	6.08	-92.94	-18.58	-21.84	1,310.44	1,289.63	20.81	62.977	
5,700.00	5,519.98	5,519.98	5,519.98	27.25	6.19	-92.94	-18.58	-21.84	1,319.04	1,297.97	21.07	62.605	
5,800.00	5,619.74	5,619.74	5,619.74	27.42	6.30	-92.93	-18.58	-21.84	1,325.90	1,304.58	21.32	62.191	
5,900.00	5,719.61	5,719.61	5,719.61	27.58	6.41	-92.93	-18.58	-21.84	1,331.02	1,309.46	21.56	61.737	
6,000.00	5,819.55	5,819.55	5,819.55	27.71	6.52	-92.93	-18.58	-21.84	1,334.40	1,312.61	21.79	61.243	
6,100.00	5,919.53	5,919.53	5,919.53	27.82	6.64	-92.93	-18.58	-21.84	1,336.03	1,314.02	22.01	60.709	
6,143.47	5,963.00	5,963.00	5,963.00	27.86	6.69	-92.93	-18.58	-21.84	1,336.19	1,314.09	22.10	60.460	

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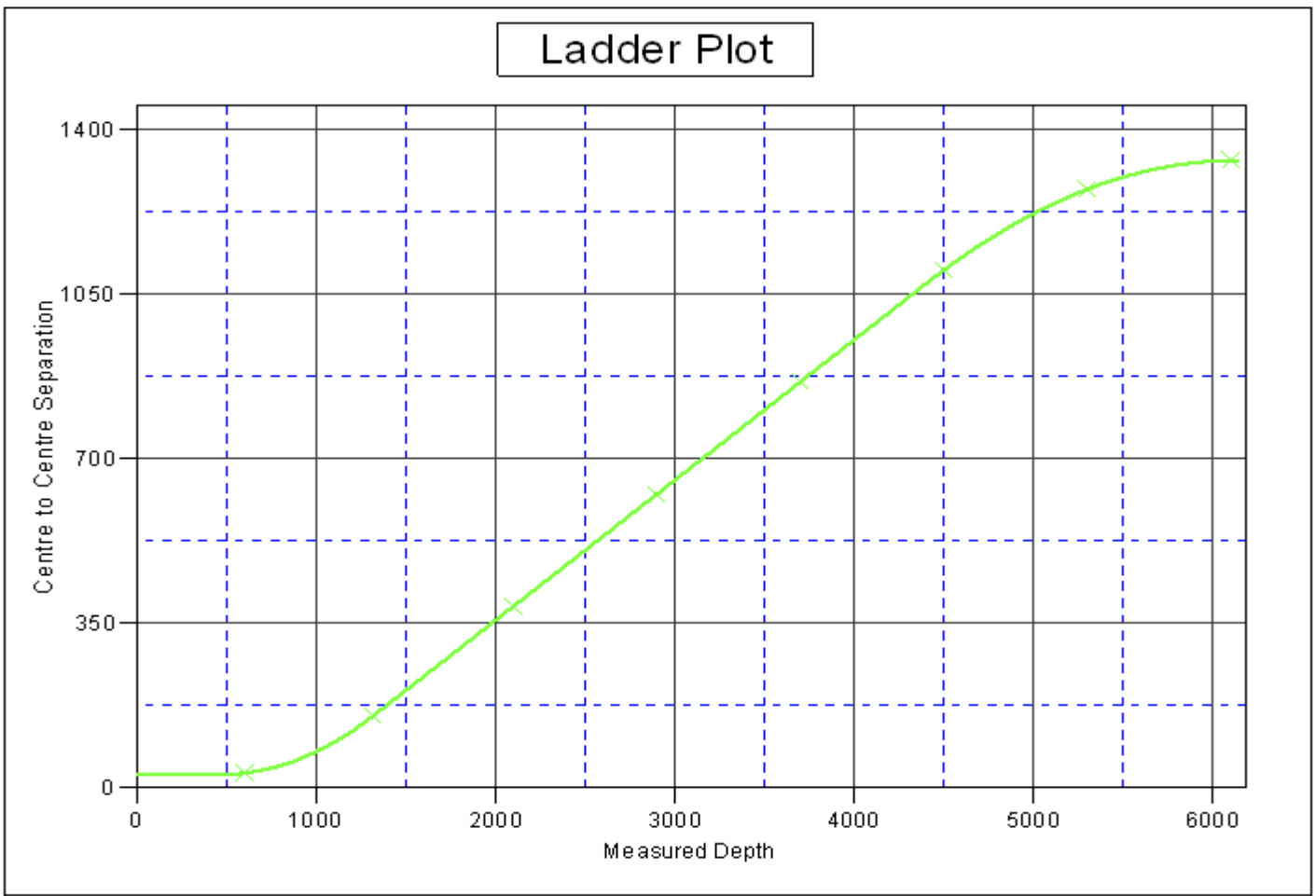
Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well Federal 7-1D-65
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 7360.00ft (Original Well Elev)
Reference Site:	Federal Sec.1 Pads (Sec.1-T6S-R5W)	**MD Reference:**	WELL @ 7360.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	Federal 7-1D-65	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 2003.21 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Reference Datum

Reference Depths are relative to WELL @ 7360.00ft (Original Well Ele
Offset Depths are relative to Offset Datum
Central Meridian is 111° 30' 0.000 W °

Coordinates are relative to: Federal 7-1D-65
Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302
Grid Convergence at Surface is: 0.71°



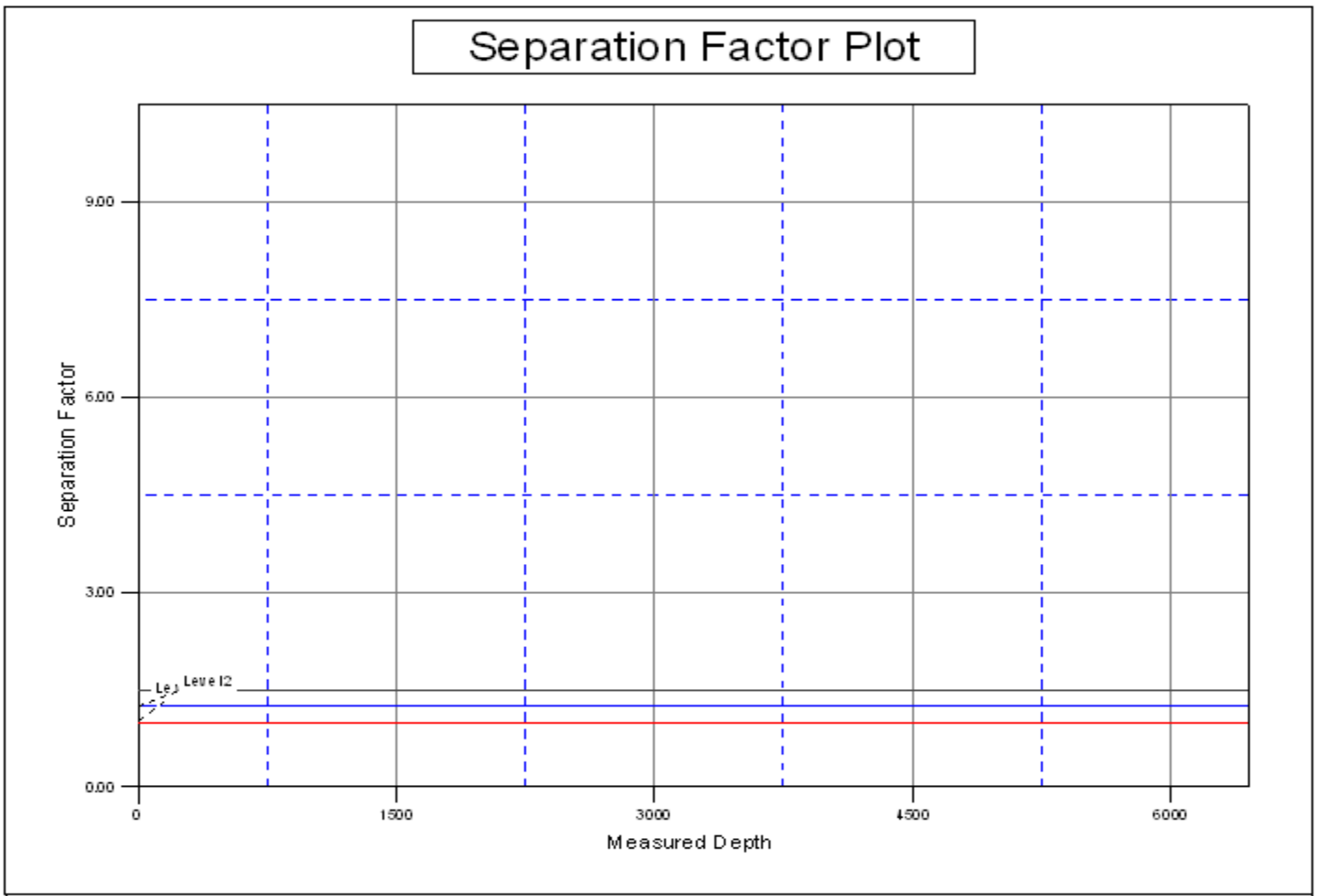
LEGEND

Fed 6-1-65 (Existing), Wellbore #1, Wellbore #1 V0

RECEIVED September 13, 2010

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well Federal 7-1D-65
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 7360.00ft (Original Well Elev)
Reference Site:	Federal Sec.1 Pads (Sec.1-T6S-R5W)	**MD Reference:**	WELL @ 7360.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	Federal 7-1D-65	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 2003.21 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Reference Datum

Reference Depths are relative to WELL @ 7360.00ft (Original Well Ele Coordinates are relative to: Federal 7-1D-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: 0.71°



LEGEND

Fed 6-1-65 (Existing), Wellbore #1, Wellbore #1 V0

RECEIVED September 13, 2010

API Well No: 43013340150000

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-77326

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 7-1D-65

2. NAME OF OPERATOR: BERRY PETROLEUM COMPANY

9. API NUMBER: 43013340150000

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: 2023 FNL 2174 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 01 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: 10/8/2010	☐ 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: Cmpl Procedure

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

PLEASE SEE THE ATTACHED COMPLETION PROCEDURE FOR THE FEDERAL 7-1D-65.

Accepted by the Utah Division of Oil, Gas and Mining

Date: October 06, 2010

By:

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

SIGNATURE	DATE
N/A	10/1/2010

RECEIVED October 01, 2010

Berry Petroleum Company

1999 Broadway, Suite 3700
Denver, CO 80202

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

www.bry.com

Date:	October 1, 2010
Well Name:	**Federal 7-1D-65**
API#:	43-013-34015
Location:	Sec 1-T6S-R5W
County, State:	Duchesne County, Utah
SHL:	2023 FNL & 2174 FWL
BHL:	
Elevations:	7378 ft KB; 7364 ft GL
RTD:	6221 ft
PBTD:	6175 ft
Surf Csg:	8 5/8" 24# @ 341 ft; cmt w/ 187 sks
Prod Csg:	5 1/2" 15.5# @ 6221 ft; cmt w/ 200 sks lead & 390 sks tail
Mkr Jnts:	? ft
Tbg:	
SN:	
TOC:	
Existing Perforations:	

Green River Frac Procedure:

1. MIRU wireline unit. Perforate **Uteland Buttes f/ 5868 ft to 6097 ft** w/ 2 spf, 120 deg phase, 19 gm charges, 0.36" EHD. See attached table. RD wireline off wellhead.
2. RU frac euip. Frac Stage 1 down 5 ½" csg per design (see attached table). Record ISIP. RD frac equip off wellhead.
3. RU wireline unit. Set CBP @ ~5820 ft. Perforate **Castle Peak f/ 5497 to 5624 ft & Black Shale f/ 5404 to 5417 ft** w/ 2 spf, 120 deg phase, 19 gm charges, 0.36" EHD. See attached table. RD wireline off wellhead.
4. RU frac euip. Frac Stage 2 down 5 ½" csg per design (see attached table). Record ISIP. RD frac equip off wellhead.
5. RU wireline unit. Set CBP @ ~5350 ft. Perforate **Black Shale f/ 5227 to 5235 ft** w/ 2 spf, 120 deg phase, 19 gm charges, 0.36" EHD. See attached table. RD wireline off wellhead.
6. RU frac euip. Frac Stage 3 down 5 ½" csg per design (see attached table). Record ISIP. RD frac equip off wellhead.
7. RU wireline unit. Set CBP @ ~5180 ft. Perforate **3 Point f/ 4994 to 5054 ft & Douglas Creek f/ 4833 to 4834 ft** w/ 2 spf, 120 deg phase, 19 gm charges, 0.36" EHD. See attached table. RD wireline off wellhead.
8. RU frac euip. Frac Stage 4 down 5 ½" csg per design (see attached table). Record ISIP. RD frac equip off wellhead.
9. RU wireline unit. Set CBP @ ~4790 ft. Perforate **Douglas Creek f/ 4553 to 4713 ft** w/ 2 spf, 120 deg phase, 19 gm charges, 0.36" EHD. See attached table. RD wireline off wellhead.
10. RU frac euip. Frac Stage 5 down 5 ½" csg per design (see attached table). Record ISIP. RD frac equip off wellhead.
11. RU wireline unit. Set kill CBP @ ~4500 ft.
12. RDMO wireline unit. RDMO frac equip. NU BOPE.
13. MIRU service unit. RU drlg equip and drill out CBP's and circulate clean to PBTD ft. Record fluid rates and pressures while cleaning out well. RD drlg equip.
14. RIH w/ tail joint, SN & tbg anchor on 2 7/8" tbg. Set EOT ~ 1 jt below btm perf. ND BOPE.
15. RIH w/ pump & rods. Seat pump, space out. Fill tbg & pressure test to 500 psi.
16. RDMO service unit.
17. Start well pumping.

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Federal 7-1D-65

9/30/2011

Stage	Stage Top	Stage Bmt	Zone	Top	Bottom	Feet	SPF	Total Holes	Stage Holes	Gross Interval Thickness (ft)	Net Perfed Thickness (ft)	Net Pay *GR<80 API* (ft)	Acid Volume	Sand Volume *(1700 lbs per net pay)*
1	5,868	6,097	Upper Wasatch	6,096	6,097	1	2	2						
1			Upper Wasatch	6,055	6,057	2	2	4						
1			Uteland Buttes	6,028	6,029	1	2	2						
1			Uteland Buttes	5,972	5,973	1	2	2						
1			Uteland Buttes	5,941	5,942	1	2	2						
1			Uteland Buttes	5,927	5,930	3	2	6						
1			Uteland Buttes	5,912	5,914	2	2	4						
1			Uteland Buttes	5,892	5,893	1	2	2						
1			Uteland Buttes	5,868	5,869	1	2	2	26	229	13	114	250	60,000
2	5,404	5,624	Castle Peak	5,623	5,624	1	2	2						
2			Castle Peak	5,572	5,573	1	2	2						
2			Castle Peak	5,554	5,557	3	2	6						
2			Castle Peak	5,544	5,545	1	2	2						
2			Castle Peak	5,528	5,529	1	2	2						
2			Castle Peak	5,497	5,498	1	2	2						
2			Black Shale	5,415	5,417	2	2	4						
2			Black Shale	5,404	5,405	1	2	2	22	220	11	32	250	54,400
3	5,227	5,235	Black Shale	5,234	5,235	1	2	2						
3			Black Shale	5,227	5,230	3	2	6	8	8	4	10	250	17,000
4	4,833	5,054	3 Point	5,051	5,054	3	2	6						
4			3 Point	4,944	4,946	2	2	4						
4			Douglas Creek	4,833	4,834	1	2	2	12	221	6	29	250	49,300
5	4,553	4,713	Douglas Creek	4,709	4,713	4	2	8						
5			Garden Gulch	4,698	4,699	1	2	2						
5			Garden Gulch	4,567	4,568	1	2	2						
5			Garden Gulch	4,553	4,554	1	2	2	14	160	7	31	250	52,700
Totals									**82**	**838**	**41**	**216**	**1,250**	**233,400**

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

BERRY PETROLEUM
FEDERAL 7-1D-65
DUSCHENE, UTAH
SEC 1, T6S, R5W
5 STAGE FRAC
233,400 LBS 16/30 SAND

Prepared for SUSAN SEARS
1999 BROADWAY STE 3700
Denver, Co 80202
303-999-4400

Prepared by MATTHEW HOFFMAN / JOE SANDERS
(303) 757-7789 EXT 205 / EXT 107

Service Point - Vernal, Utah
Contact: Tim Anderson
(970) 867-2766

1-Oct-10

Created with StimProp Complete - Version 1.05v2 09.01.2010

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10/1/2010

Susan Sears
Berry Petroleum
1999 Broadway Ste 3700
Denver, Co 80202

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

Well Data

Casing: 5 1/2 in 15.5 lb/ft, J-55
Tubing:

Stage Info	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
Formation:	UTELAND BUTTE	CASTLE PEAK	BLACK SHALE	3 POINT	DOUGLAS CREEK	
Packer/EOT Depth:						
TVD (For Deviated Wellbore):						
Perf #1 - Top:	5,868	5,404	5,227	4,833	4,553	
Btm:	6,097	5,624	5,235	5,054	4,713	
SPF:	2	2	2	2	2	
Perf #2 - Top:						
Btm:						
SPF:						
Perf #3 - Top:						
Btm:						
SPF:						
Perf #4 - Top:						
Btm:						
SPF:						
Perf #5 - Top:						
Btm:						
SPF:						
Total Shots:	26	22	8	12	14	
Perf Diameter:	0.36	0.36	0.36	0.36	0.36	
Bht (deg F.):	157.685	149.252	144.158	138.983	133.394	
Estimated Frac Gradient:	0.85	0.85	0.85	0.85	0.85	

Treatment Summary

Primary Fluid SpGr:	1.01	1.01	1.01	1.01	1.01	
Treat Via:	Casing	Casing	Casing	Casing	Casing	
Primary Fluid Type:	MavFrac	MavFrac	MavFrac	MavFrac	MavFrac	
CO2 (y/n):	N	N	N	N	N	
Estimated Treat psi:	3,420	3,350	3,380	3,340	3,770	
Estimated Perf Fric (psi):	417	582	1,101	1,101	1,438	
Acid Volume (gls):	500	250	250	250		
Total Clean Fluid/Foam (gls):	37,000	21,007	9,533	19,147	20,053	
Pad Volume (gls):	11,500	6,500	5,000	6,000	6,000	
SLF Volume (gls):	25,500	14,507	4,533	13,147	14,053	
Estimated Flush Volume (gls):	5,615	5,160	4,974	4,581	4,551	
Proppant Volume (lbs):	60,000	54,400	17,000	49,300	52,700	
Estimated Pump Time (min):	30.4	17.2	18.5	20.8	16.1	

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

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1-Oct-10
BERRY PETROLEUM
FEDERAL 7-1D-65
UTELAND BUTTES PERFS 5868-6097 TOTAL 26 HOLES

MAVERICK STIMULATION COMPANY, LLC

Est. STP. 3420 psi

Stage	HCl%/ Prop Mesh	Gel ppt	Downhole (design) - Ramp Proppant: Clean Foam/ Clean Fluid gals	Ramp Start Prop Conc ppg	Ramp End Prop Conc ppg	Rate bpm	N2%	CO2%	Surface (calc): Avg N2 Rate scfm	Avg CO2 Rate bpm	Avg Slurry Rate bpm	Avg Clean Rate bpm	Cumulative: N2 scf	CO2 Tons	Surf Slurry bbls	Surf Clean bbls
PAD			500			5.0			-	-	5.0	5.0	-	-	12	12
HCL	15		250			5.0			-	-	5.0	5.0	-	-	18	18
PAD		25	11,000			40.0			-	-	40.0	40.0	-	-	280	280
SAND	16/30	25	19,500	1.0	3.0	40.0			-	-	40.0	36.7	-	-	786	744
SAND	16/30	25	6,000	3.0	4.0	40.0			-	-	40.0	34.5	-	-	951	887
FLUSH		25	244			40.0			-	-	40.0	40.0	-	-	957	893
HCL	15		250			40.0			-	-	40.0	40.0	-	-	963	899
FLUSH		25	5,371			40.0			-	-	40.0	40.0	-	-	1,091	1,027
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
			43,115					<< === Totals === >>					-	-	1,091	1,027

Stage	HCl%/ Prop Mesh	% Cln Fluid	Downhole: Clean Foam/ Clean Fluid gals	Avg Prop Conc ppg	Constant Internal Phase	Avg Blndr Conc ppg	Ramp Proppant: Avg Rate lb/min	Total lbs	Stage lbs	N2 Stage scf	CO2 Stage tons	Time Stage min	DH Foam Slurry Stage bbls	Stage: Surf Slurry bbls	Surf Clean bbls
PAD		100.0%	500									2.4	11.9	11.9	11.9
HCL	15	100.0%	250									1.2	6.0	6.0	6.0
PAD		100.0%	11,000									6.5	261.9	261.9	261.9
SAND	16/30	91.7%	19,500	2	8.3%	2.00	3,081	39,000	39,000			12.7	506.3	506.3	464.3
SAND	16/30	86.3%	6,000	3.5	13.7%	3.50	5,077	60,000	21,000			4.1	165.5	165.5	142.9
FLUSH		100.0%	244					60,000				0.1	5.8	5.8	5.8
HCL	15	100.0%	250					60,000				0.1	6.0	6.0	6.0
FLUSH		100.0%	5,371					60,000				3.2	127.9	127.9	127.9
								60,000	<< === Totals === >>			30.4		1,091	1,027

Bottomhole Treating Pressure: [redacted] psi
Bottomhole Temp: [redacted] deg. F
Calculated N2 Volume Factor: 1515 scf/bbl
Bottomhole CO2 Volume Factor: [redacted] scf/bbl
Proppant Specific Gravity: 2.65

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BERRY PETROLEUM
FEDERAL 7-1D-65
CASTLE PEAK PERFS 5404-5624 TOTAL 22 HOLES

MAVERICK
STIMULATION COMPANY, LLC

Est. STP: 3350 psi

Stage	HCl%/ Prop Mesh	Gel ppt	Downhole (design) - Ramp Proppant: Clean Foam/ Clean Fluid gals	Ramp Start Prop Conc ppg	Ramp End Prop Conc ppg	Rate bpm	N2%	CO2%	Surface (calc): Avg N2 Rate scfm	Avg CO2 Rate bpm	Avg Slurry Rate bpm	Avg Clean Rate bpm	Cumulative: N2 scf	CO2 Tons	Surf Slurry bbls	Surf Clean bbls
PAD		25	6,500			40.0			-	-	40.0	40.0	-	-	155	155
SAND	16/30	25	9,067	1.0	5.0	40.0			-	-	40.0	35.2	-	-	400	371
SAND	16/30	25	5,440	5.0	5.0	40.0			-	-	40.0	32.6	-	-	559	500
FLUSH		25	169			40.0			-	-	40.0	40.0	-	-	563	504
HCL	15		250			40.0			-	-	40.0	40.0	-	-	569	510
FLUSH		25	4,991			40.0			-	-	40.0	40.0	-	-	688	629
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
			26,417					<< === Totals === >>					-	-	688	629

Stage	HCl%/ Prop Mesh	% Cln Fluid	Downhole: Clean Foam/ Clean Fluid gals	Avg Prop Conc ppg	Constant Internal Phase	Avg Blndr Conc ppg	Ramp Proppant: Avg Rate lb/min	Total lbs	Stage lbs	N2 Stage scf	CO2 Stage tons	Time Stage min	DH Foam Slurry Stage bbls	Stage: Surf Slurry bbls	Surf Clean bbls
PAD		100.0%	6,500									3.9	154.8	154.8	154.8
SAND	16/30	88.0%	9,067	3	11.9%	3.00	4,436	27,200	27,200			6.1	245.1	245.1	215.9
SAND	16/30	81.5%	5,440	5	18.4%	5.00	6,852	54,400	27,200			4.0	158.8	158.8	129.5
FLUSH		100.0%	169					54,400				0.1	4.0	4.0	4.0
HCL	15	100.0%	250					54,400				0.1	6.0	6.0	6.0
FLUSH		100.0%	4,991					54,400				3.0	118.8	118.8	118.8
								54,400	<< === Totals === >>			17.2		688	629

Bottomhole Treating Pressure: [redacted] psi
Bottomhole Temp: [redacted] deg. F
Calculated N2 Volume Factor: 1431 scf/bbl
Bottomhole CO2 Volume Factor: [redacted] scf/bbl
Proppant Specific Gravity: 2.65

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1-Oct-10
BERRY PETROLEUM
FEDERAL 7-1D-65
BLACK SHALE PERFS 5227-5235 TOTAL 8 HOLES

MAVERICK STIMULATION COMPANY, LLC

Est. STP: 3380 psi

Stage	HCl%/ Prop Mesh	Gel ppt	Downhole (design) - Ramp Proppant: Clean Foam/ Clean Fluid gals	Ramp Start Prop Conc ppg	Ramp End Prop Conc ppg	Rate bpm	N2%	CO2%	Surface (calc): Avg N2 Rate scfm	Avg CO2 Rate bpm	Avg Slurry Rate bpm	Avg Clean Rate bpm	Cumulative: N2 scf	CO2 Tons	Surf Slurry bbls	Surf Clean bbls
PAD		25	5,000			20.0			-	-	20.0	20.0	-	-	119	119
SAND	16/30	25	2,833	1.0	5.0	20.0			-	-	20.0	17.6	-	-	196	187
SAND	16/30	25	1,700	5.0	5.0	20.0			-	-	20.0	16.3	-	-	245	227
FLUSH		25	173			20.0			-	-	20.0	20.0	-	-	249	231
HCL	15		250			20.0			-	-	20.0	20.0	-	-	255	237
FLUSH		25	4,801			20.0			-	-	20.0	20.0	-	-	370	351
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
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									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
			14,757					<< === Totals === >>					-	-	370	351

Stage	HCl%/ Prop Mesh	% Cln Fluid	Downhole: Clean Foam/ Clean Fluid gals	Avg Prop Conc ppg	Constant Internal Phase	Avg Blndr Conc ppg	Ramp Proppant: Avg Rate lb/min	Total lbs	Stage lbs	N2 Stage scf	CO2 Stage tons	Time Stage min	DH Foam Slurry Stage bbls	Stage: Surf Slurry bbls	Surf Clean bbls
PAD		100.0%	5,000									6.0	119.0	119.0	119.0
SAND	16/30	68.0%	2,833	3	11.9%	3.00	2,219	8,500	8,500			3.8	76.6	76.6	67.5
SAND	16/30	81.5%	1,700	5	18.4%	5.00	3,426	17,000	8,500			2.5	49.6	49.6	40.5
FLUSH		100.0%	173					17,000				0.2	4.1	4.1	4.1
HCL	15	100.0%	250					17,000				0.3	6.0	6.0	6.0
FLUSH		100.0%	4,801					17,000				5.7	114.3	114.3	114.3
								17,000	<< === Totals === >>			18.5		370	351

Bottomhole Treating Pressure: [redacted] psi
Bottomhole Temp: [redacted] deg. F
Calculated N2 Volume Factor: 1397 scf/bbl
Bottomhole CO2 Volume Factor: [redacted] scf/bbl
Proppant Specific Gravity: 2.65

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1-Oct-10
BERRY PETROLEUM
FEDERAL 7-1D-65
3 POINT PERFS 4833-5054 12 HOLES

MAVERICK STIMULATION COMPANY, LLC

Est. STP: 3340 psi

Stage	HCl%/ Prop Mesh	Gel ppt	Downhole (design) - Ramp Proppant: Clean Foam/ Clean Fluid gals	Ramp Start Prop Conc ppg	Ramp End Prop Conc ppg	Rate bpm	N2%	CO2%	Surface (calc): Avg N2 Rate scfm	Avg CO2 Rate bpm	Avg Slurry Rate bpm	Avg Clean Rate bpm	Cumulative: N2 scf	CO2 Tons	Surf Slurry bbls	Surf Clean bbls
PAD		25	6,000			30.0			-	-	30.0	30.0	-	-	143	143
SAND	16/30	25	8,217	1.0	5.0	30.0			-	-	30.0	26.4	-	-	365	338
SAND	16/30	25	4,930	5.0	5.0	30.0			-	-	30.0	24.5	-	-	509	456
FLUSH		25	120			30.0			-	-	30.0	30.0	-	-	512	459
HCL	15		250			30.0			-	-	30.0	30.0	-	-	518	465
FLUSH		25	4,461			30.0			-	-	30.0	30.0	-	-	624	571
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
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									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
			23,978					<< === Totals === >>					-	-	624	571

Stage	HCl%/ Prop Mesh	% Cln Fluid	Downhole: Clean Foam/ Clean Fluid gals	Avg Prop Conc ppg	Constant Internal Phase	Avg Blndr Conc ppg	Ramp Proppant: Avg Rate lb/min	Total lbs	Stage lbs	N2 Stage scf	CO2 Stage tons	Time Stage min	DH Foam Slurry Stage bbls	Stage: Surf Slurry bbls	Surf Clean bbls
PAD		100.0%	6,000									4.8	142.9	142.9	142.9
SAND	16/30	88.0%	8,217	3	11.9%	3.00	3,329	24,650	24,650			7.4	222.2	222.2	195.6
SAND	16/30	81.5%	4,930	5	18.4%	5.00	5,139	49,300	24,650			4.8	143.9	143.9	117.4
FLUSH		100.0%	120					49,300				0.1	2.9	2.9	2.9
HCL	15	100.0%	250					49,300				0.2	6.0	6.0	6.0
FLUSH		100.0%	4,461					49,300				3.5	106.2	106.2	106.2
								49,300	<< === Totals === >>			20.8		624	571

Bottomhole Treating Pressure: [illegible] psi
Bottomhole Temp: [illegible] deg. F
Calculated N2 Volume Factor: 1321 scf/bbl
Bottomhole CO2 Volume Factor: [illegible] scf/bbl
Proppant Specific Gravity: 2.65

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1-Oct-10
BERRY PETROLEUM
FEDERAL 7-1D-65
DOUGLAS CREEK/ GARDEN GULCH PERFS 4553-4713 14 HOLES

MAVERICK STIMULATION COMPANY, LLC

Est. STP: 3770 psi

Stage	HCl%/ Prop Mesh	Gel ppt	Downhole (design) - Ramp Proppant: Clean Foam/ Clean Fluid gals	Ramp Start Prop Conc ppg	Ramp End Prop Conc ppg	Rate bpm	N2%	CO2%	Surface (calc): Avg N2 Rate scfm	Avg CO2 Rate bpm	Avg Slurry Rate bpm	Avg Clean Rate bpm	Cumulative: N2 scf	CO2 Tons	Surf Slurry bbls	Surf Clean bbls
PAD		25	6,000			40.0			-	-	40.0	40.0	-	-	143	143
SAND	16/30	25	8,783	1.0	5.0	40.0			-	-	40.0	35.2	-	-	380	352
SAND	16/30	25	5,270	5.0	5.0	40.0			-	-	40.0	32.6	-	-	534	477
FLUSH		25	4,551			40.0			-	-	40.0	40.0	-	-	643	586
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
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									-	-	-	-	-	-	-	-
			24,604					<< === Totals === >>					-	-	643	586

Stage	HCl%/ Prop Mesh	% Cln Fluid	Downhole: Clean Foam/ Clean Fluid gals	Avg Prop Conc ppg	Constant Internal Phase	Avg Blndr Conc ppg	Ramp Proppant: Avg Rate lb/min	Total lbs	Stage lbs	N2 Stage scf	CO2 Stage tons	Time Stage min	DH Foam Slurry Stage bbls	Stage: Surf Slurry bbls	Surf Clean bbls
PAD		100.0%	6,000									3.6	142.9	142.9	142.9
SAND	16/30	88.0%	8,783	3	11.9%	3.00	4,438	26,350	26,350			5.9	237.5	237.5	209.1
SAND	16/30	81.5%	5,270	5	18.4%	5.00	6,852	52,700	26,350			3.8	153.8	153.8	125.5
FLUSH		100.0%	4,551					52,700				2.7	108.4	108.4	108.4
								52,700	<< === Totals === >>			16.1		643	586

Bottomhole Treating Pressure: [redacted] psi
Bottomhole Temp: [redacted] deg. F
Calculated N2 Volume Factor: 1260 scf/bbl
Bottomhole CO2 Volume Factor: [redacted] scf/bbl
Proppant Specific Gravity: 2.65

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1-Oct-10
BERRY PETROLEUM
FEDERAL 7-1D-65
DOUGLAS CREEK - 5436-4780 2 SPF 24 HOLES

MAVERICK STIMULATION COMPANY, LLC

Est. STP: #DIV/0!

Stage	HCl%/ Prop Mesh	Gel ppt	Downhole (design) - Ramp Proppant						Surface (calc)				Cumulative			
			Clean Foam/ Clean Fluid gals	Ramp Start Prop Conc ppg	Ramp End Prop Conc ppg	Rate bpm	N2%	CO2%	Avg N2 Rate scfm	Avg CO2 Rate bpm	Avg Slurry Rate bpm	Avg Clean Rate bpm	N2 scf	CO2 Tons	Surf Slurry bbls	Surf Clean bbls
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
									-	-	-	-	-	-	-	-
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									-	-	-	-	-	-	-	-
			-					<< === Totals === >>					-	-	-	-

Stage	HCl%/ Prop Mesh	% Cln Fluid	Downhole		Constant Internal Phase	Avg Blndr Conc ppg	Ramp Proppant			N2 Stage scf	CO2 Stage tons	Time Stage min	DH Foam Slurry Stage bbls	Stage	
			Clean Foam/ Clean Fluid gals	Avg Prop Conc ppg			Avg Rate lb/min	Total lbs	Stage lbs					Surf Slurry bbls	Surf Clean bbls
									<< === Totals === >>			-			

Bottomhole Treating Pressure: [redacted] psi
Bottomhole Temp: [redacted] deg. F
Calculated N2 Volume Factor: 5 scf/bbl
Bottomhole CO2 Volume Factor: [redacted] scf/bbl
Proppant Specific Gravity: 2.65

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FLUID SPECIFICATIONS AND REQUIREMENTS

Tank Requirements: **7 -** **500** bbl tanks Tank Bottoms: **30** bbl/tank

Fluid1:	25 lb	Gelled Water		131,121 Gallons
Additives:				
257	2%	CL-57	Liquid KCl Replacement	
2001	25 ppt	MAV-3	Guar Gel	
106	2 gpt	NE-6	Non-Emulsifier	
141	0.05 qpt	BREAKER-503L	Liquid Enzyme Breaker	
582	0.15 ppt	MAVCIDE II	Biocide	
592	2.5 gpt	MAVLINK BW	Borate X-Linker (Winterized)	

Fluid Required (Not Including Tank Bottoms):	**131,121**	**Gallons**
	3,122	**Bbls**
Tank Bottoms:	**210**	**Bbls**
Total Fluid Requred:	**3,332**	**Bbls**

ACID REQUIREMENTS

Acid Requirements:

Acid 1:	15 %		HCL		1,250 Gallons
Additives:					
610	5	ppt	IC-100	Iron Control	
303	4	gpt	MAVHIB-3	Acid Inhibitor (Moderate Temp)	

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CO2 AND N2 REQUIREMENTS

		-	
		-	
		-	
NITROGEN (Cooldown)			
	Total Nitrogen Required:	-	Scf

PROPPANT REQUIREMENTS

SAND	16/30	Texas Gold		233,400 lbs
			Total:	233,400 lbs

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Wellbore Schematic

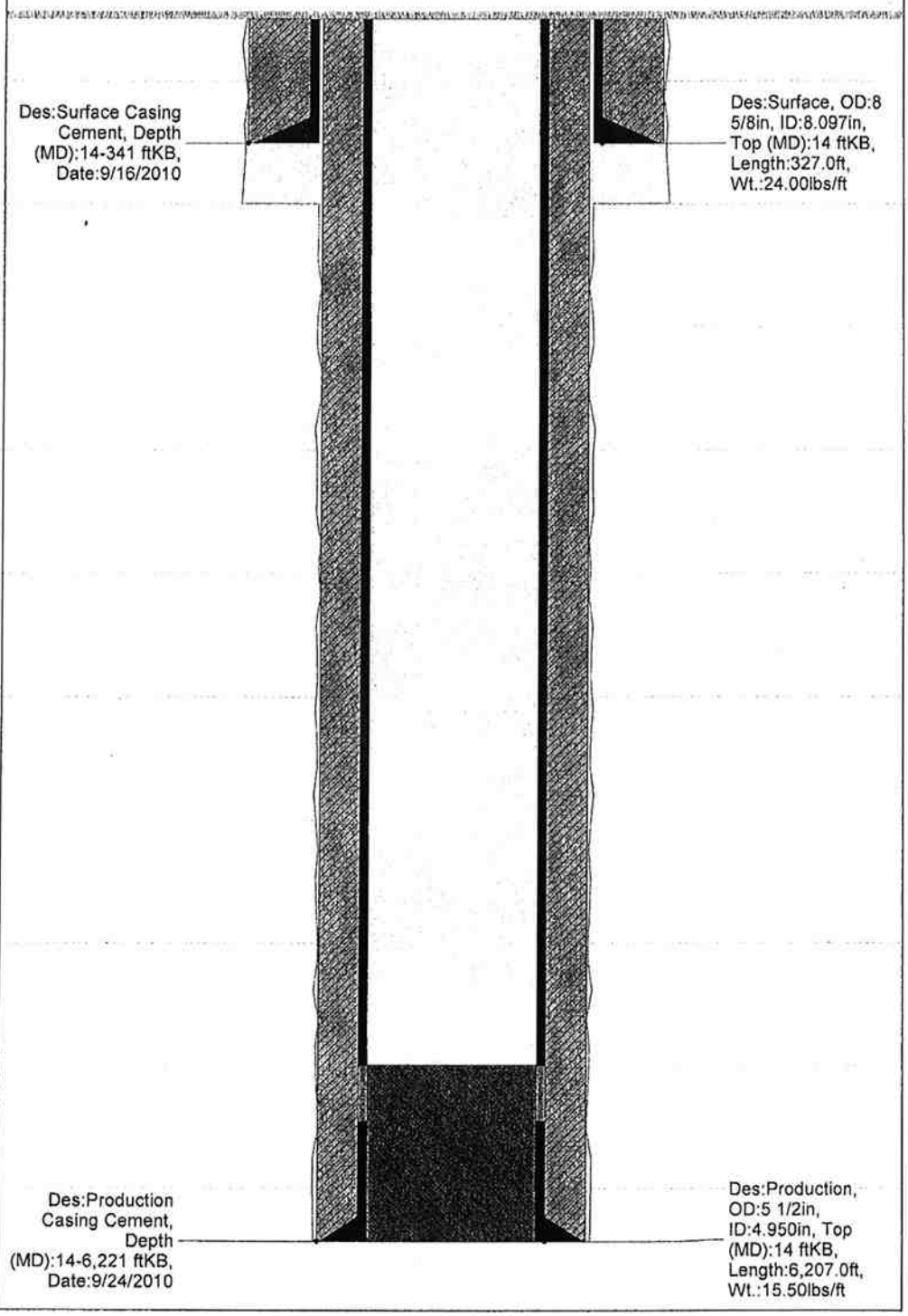
Well Name: FEDERAL 7-1D-65

API/UWI	Surface Legal Location	Field Name	Spud Date Notice	APD State	Well Configuration Type
43013340150000	SENW Section1 T6S,R5W	Brundage Canyon		Utah	
Ground Elevation (ftKB)	**Casing Flange Elevation (ft)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**Spud Date**	**Rig Release Date**
7,346		14.00		9/20/2010 2:00:00 AM	

Well Config: - Original Hole, 9/29/2010 9:39:48 AM

ftKB (MD)	Incl	ftKB (TVD)
0		
14	0.0	14
340	0.7	340
341	0.7	341
350	0.7	350
1,378	16.7	1,361
1,951	18.5	1,907
2,575	19.3	2,497
3,660	19.8	3,511
4,373	11.3	4,196
4,383	11.2	4,206
4,433	11.0	4,256
5,053	6.0	4,868
5,233	4.0	5,047
5,389	2.7	5,203
5,819	1.9	5,632
6,037	1.7	5,850
6,138		
6,176		
6,177		
6,220		
6,221		

Schematic - Actual



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API Well No: 43013340150000

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-77326

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 7-1D-65

2. NAME OF OPERATOR:
BERRY PETROLEUM COMPANY

9. API NUMBER:
43013340150000

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:
2023 FNL 2174 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SENW Section: 01 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
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
✓ DRILLING REPORT Report Date: 10/8/2010	☐ 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 7-1D-65.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
October 19, 2010

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Kathy K. Fieldsted	435 722-1325	Sr. Regulatory & Permitting Tech.
SIGNATURE		**DATE**
N/A		10/14/2010

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Berry Daily Completion and Workover

Well Name: FEDERAL 7-1D-65

Report # 1, Report Date: 10/1/2010

API/UWI	Surface Legal Location	Spud Date Notice	Field Name	APD State
43013340150000	SENW Section1 T6S,R5W		Brundage Canyon	Utah
Well Configuration Type	**Original KB Elevation (ftKB)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Head Distance (ft)**
	7,360	14.00		

Primary Job Type	Secondary Job Type
Initial Completion	Fracture Treatment

Objective

Contractor	Rig Number
Basin Swabbing	# 2

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C10 032052	391,400	296,083	296,083

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		LOGG	Logging	INSTALL FRAC HEAD AND FRAC VALVE. RIG UP WIRELINE AND RUN CEMENT BOND LOG FROM 6140 TO SURFACE. BOND LOOKED GOOD, CEMENT TOP AT 250'. SHORT JT AT 4347 TO 4358.
00:00	00:00		PFRT	Perforating	PERFORATE THE UTELAND BUTTE WITH 3 1/8" CSG GUN, 2 SPF. 5868-69, 5892-93, 5912-14, 5927-30, 5941-42, 5972-73, 6028-29, 6055-57, 6096-97. SHUT WELL IN FOR FRAC.

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	9999		288,808	ICC-CONTINGENCY
152	2125		975	ICC-CONTRACTSUPERVISION
152	2345		4,800	ICC-PERFORATING
152	2380		1,500	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

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Berry Daily Completion and Workover

Report # 2, Report Date: 10/5/2010

Well Name: FEDERAL 7-1D-65

API/UWI	Surface Legal Location	Spud Date Notice	Field Name	APD State
43013340150000	SENW Section1 T6S,R5W		Brundage Canyon	Utah
Well Configuration Type	**Original KB Elevation (ftKB)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Head Distance (ft)**
	7,360	14.00		

Primary Job Type	Secondary Job Type
Initial Completion	Fracture Treatment

Objective

Contractor	Rig Number
Basin Swabbing	# 2

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C10 032052	391,400	142,375	438,458

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		FRAC	Frac. Job	RIG UP FRAC CREW AND BREAK DOWN THE UTELAND BUTTE PERFS AT 3190 PSI. PUMP 6 BBLS OF ACID AND 262 BBLS OF PAD. PUMP 464 BBLS OF 1 TO 3 #/GAL 16/30 SAND, RAMPED. PUMP 143 BBLS OF 3 TO 4 #/GAL 16/30 SAND, RAMPED. PUMP 145 BBLS OF ACID AND FLUSH. ISIP 1910 PSI. AVG RATE 21.2 BPM, AVG PR 2567 PSI, MAX RATE 40.7 BPM, MAX PR 3657 PSI. 60,000# OF SAND IN PERFS. RIG DOWN FRAC CREW.
00:00	00:00		PFRT	Perforating	RIG UP WIRELINE AND SET COMPOSITE PLUG AT 5670'. PERFORATE THE CASTLE PEAK WITH 3 1/8" CSG GUN, 2 SPF. 5404-05, 5415-17, 5497-98, 5528-29, 5544-45, 5554-57, 5572-73, 5623-24. RIG DOWN WIRELINE.
00:00	00:00		FRAC	Frac. Job	RIG UP FRAC CREW AND BREAK DOWN CASTLE PEAK PERFS AT 3070 PSI. PUMP 155 BBLS OF PAD. PUMP 216 BBLS OF 1 TO 5 #/GAL 16/30 SAND, RAMPED. PUMP 130 BBLS OF 5 #/GAL 16/30 SAND. PUMP 132 BBLS OF ACID AND FLUSH. ISIP 1300 PSI. AVG RATE 40 BPM, AVG PR 1859 PSI, MAX RATE 40.4 BPM, MAX PR 3059 PSI. 54,400# OF SAND IN PERFS.
00:00	00:00		PFRT	Perforating	RIG UP WIRELINE AND SET COMPOSITE PLUG AT 5280'. PERFORATE THE BLACK SHALE WITH 3 1/8" CSG GUN, 2 SPF. 5227-30, 5234-35. RIG DOWN WIRELINE.
00:00	00:00		FRAC	Frac. Job	RIG UP FRAC CREW AND BREAK DOWN THE BLACK SHALE PERFS AT 4500 PSI. PUMP 119 BBLS OF PAD. PUMP 68 BBLS OF 1 TO 5 #/GAL 16/30 SAND. PUMP 41 BBLS OF 5 #/GAL 16/30 SAND. PUMP 127 BBLS OF ACID AND FLUSH. ISIP 1730 PSI. AVG RATE 20 BPM, AVG PR 2786 PSI, MAX RATE 20.7 BPM, MAX PR 4478 PSI. 17,000# OF SAND IN PERFS. RIG DOWN FRAC CREW.
00:00	00:00		PFRT	Perforating	RIG UP WIRELINE AND SET COMPOSITE PLUG AT 5110'. PERFORATE THE 3-POINT, DOUGLAS CREEK WITH 3 1/8" CSG GUN, 2 SPF. 4833-34, 4944-46, 5051-54. RIG DOWN WIRELINE.
00:00	00:00		FRAC	Frac. Job	RIG UP FRAC CREW AND BREAK DOWN THE 3-POINT PERFS AT 2890 PSI. PUMP 130 BBLS OF PAD. PUMP 95 BBLS OF 1 #/GAL 16/30 SAND, SCOUR. PUMP 196 BBLS OF 1 TO 5 #/GAL 16/30 SAND, RAMPED. PUMP 117 BBLS OF 5 #/GAL 16/30 SAND. PUMP 118 BBLS OF ACID AND FLUSH. ISIP 1820 PSI. AVG RATE 17 BPM, AVG PR 3658 PSI, MAX RATE 37 BPM, MAX PR 4489 PSI. 51300 # OF SAND IN PERFS.
00:00	00:00		PFRT	Perforating	RIG UP WIRELINE AND SET COMPOSITE PLUG AT 4765'. PERFORATE THE DOUGLAS CREEK, GARDEN GULTCH WITH 3 1/8" CSG GUN, 2 SPF. 4553-54, 4567-68, 4698-99, 4709-13. RIG DOWN WIRELINE AND MOVE OFF LOCATION.
00:00	00:00		FRAC	Frac. Job	RIG UP FRAC CREW AND BREAK DOWN THE DOUGLAS CREEK, GARDEN GULTCH AT 4500 PSI. PUMP 135 BBLS OF PAD AND 48 BBLS OF 1/2 #/GAL SAND SCOUR. PUMP 209 BBLS OF 1 TO 5 #/GAL 16/30 SAND, RAMPED. PUMP 112 BBLS OF 5 #/GAL 16/30 SAND. PUMP 108 BBLS OF FLUSH. ISIP 1720 PSI. AVG RATE 22 BPM, AVG PR 3605 PSI, MAX RATE 36.5 BPM, MAX PR 4497 PSI. 50,820 # OF SAND IN PERFS. SHUT WELL IN AND RIG DOWN FRAC CREW. MOVE OFF LOCATION.

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	9999		500	ICC-CONTINGENCY
152	2106		5,200	ICC-WATER&WATERHAULING
152	2125		975	ICC-CONTRACTSUPERVISION

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Berry Daily Completion and Workover

Report # 2, Report Date: 10/5/2010

Well Name: FEDERAL 7-1D-65

API/UWI	Surface Legal Location	Spud Date Notice	Field Name	APD State
43013340150000	SENW Section1 T6S,R5W		Brundage Canyon	Utah
Well Configuration Type	**Original KB Elevation (ftKB)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Head Distance (ft)**
	7,360	14.00		

Daily Costs

Code 1	Code 2	Code 3	Cost	Cost Description
152	2345		10,300	ICC-PERFORATING
152	2358		6,500	ICC-BRIDGE PLUGS & PACKERS
152	2360		115,100	ICC-STIMULATION/ACIDIZING
152	2380		1,500	ICC-SURFACE RENTALS
152	2340		2,300	ICC-HOT OILING

Safety Checks

Time	Description	Type	Comment

Logs

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

Perforations

Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status

Date	Zone	Type	Stim/Treat Company

Stg No.	Stage Type	Top (ftKB)	Btm (ftKB)	V (pumped) (bbl)

Other In Hole

Description	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)

Cement

Description	Start Date	Cement Comp

RECEIVED October 14, 2010

Berry Daily Completion and Workover

Well Name: FEDERAL 7-1D-65

Report # 3, Report Date: 10/6/2010

API/UWI	Surface Legal Location	Spud Date Notice	Field Name	APD State
43013340150000	SENW Section1 T6S,R5W		Brundage Canyon	Utah
Well Configuration Type	**Original KB Elevation (ftKB)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Head Distance (ft)**
	7,360	14.00		

Primary Job Type	Secondary Job Type
Initial Completion	Fracture Treatment

Objective

Contractor	Rig Number
Basin Swabbing	# 2

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C10 032052	391,400	41,144	479,602

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		CLN	Clean Out Hole	MIRU. Spot Tbg Trailer. Bleed down well 350# on csg, ND, Frac Valve, NU BOPs, X over to Tbg. CWI. SDFN. @ 5pm

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	3705		900	ICC-BITS&REAMERS
152	2111		875	ICC-TRUCKING&HAULING
152	2305		973	ICC-RIGCOST-COMPLETION
152	2380		200	ICC-SURFACE RENTALS
154	3530		38,196	TCC-TUBING&ATTACHMENTS

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 October 14, 2010

Berry Daily Completion and Workover

Well Name: FEDERAL 7-1D-65

Report # 4, Report Date: 10/7/2010

API/UWI	Surface Legal Location	Spud Date Notice	Field Name	APD State
43013340150000	SENW Section1 T6S,R5W		Brundage Canyon	Utah
Well Configuration Type	**Original KB Elevation (ftKB)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Head Distance (ft)**
	7,360	14.00		

Primary Job Type	Secondary Job Type
Initial Completion	Fracture Treatment

Objective

Contractor	Rig Number
Basin Swabbing	# 2

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C10 032052	391,400	6,599	486,201

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		CLN	Clean Out Hole	7am safety meeting. JSA. SICP 60# bleed down well. RIH w/ 4-3/4 bit & 151 jts tag sand @ 4704' RU swivel clean out to 1st plug @ 4765' drill up plug RIH tag sand @ 5080' clean out ot 2nd plug @ 5110' drill up plug RIH tag sand @ 5268' clean out to 3rd plug @ 5280' drill up plug RIH tag sand @ 5582' clean out to 4th plug @ 5670' drill up plug RIH 185 jts @ 6082' CWI. SDFN. 6:30 pm

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		800	ICC-WATER&WATERHAULING
152	2305		4,799	ICC-RIGCOST-COMPLETION
152	2380		1,000	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

RECEIVED October 14, 2010

Berry Daily Completion and Workover

Report # 5, Report Date: 10/8/2010

Well Name: FEDERAL 7-1D-65

API/UWI	Surface Legal Location	Spud Date Notice	Field Name	APD State
43013340150000	SENW Section1 T6S,R5W		Brundage Canyon	Utah
Well Configuration Type	**Original KB Elevation (ftKB)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Head Distance (ft)**
	7,360	14.00		

Primary Job Type	Secondary Job Type
Initial Completion	Fracture Treatment

Objective

Contractor	Rig Number
Basin Swabbing	# 2

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C10 032052	391,400	35,871	522,072

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		CLN	Clean Out Hole	7am safety meeting. JSA. SITP 0 psi, SICP 0 psi. RIH tag fill @ 6116', 195 jts, clean out 47 ' off sand & 12' off cement to Float collar & PBTD @ 6175'. circulate well clean. POOH w/ 4-3/4 bit and Tbglay down bit & sub, 6 jts Tbg.
00:00	00:00		RUTB	Run Tubing	PU & RIH w/ 1 jt 2-7/8 tbg, PSN w/ bleed collar,4 jts 2-7/8 Tbg, TAC w/ 35 K shear, 186 Jts 2-7/8" J-55 Tbg. ND BOPs, Set TAC w/ 16000 # tension. NU Larkin Head. X over to rods
00:00	00:00		RURP	Run Rods & Pump	PU & RIH w/ new 2-1/2 X 1-1/2 X 15.5' rod pump w/ 8' sand screen. 4 1-1/2 sinker bars w/ guided subs, 15 3/4" guided rods 6 per, 149 3/4" guied rods 4 per, 75 7/8" guided rods 4 per, 2 7/8" pony rods, PU polish rod seat pump space out rods. press test to 500#. OK Turn well over to Production @ 6:30 pm. SDFN
00:00	00:00				FINAL REPORT LOAD WATER 3122 bbls PBTD @ 6175' EOT@ 6131'

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		4,521	ICC-RIGCOST-COMPLETION
152	2380		850	ICC-SURFACE RENTALS
154	3535		30,000	TCC-SUCKER ROD, PUMPS, SINKER BARS
154	3530		500	TCC-TUBING&ATTACHMENTS

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 October 14, 2010

API Well No: 43013340150000

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-77326

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 7-1D-65

2. NAME OF OPERATOR:
BERRY PETROLEUM COMPANY

9. API NUMBER:
43013340150000

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:
2023 FNL 2174 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SENW Section: 01 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
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
✓ DRILLING REPORT Report Date: 10/14/2010	☐ 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 7-1D-65 WENT TO SALES ON OCTOBER 14, 2010.

Accepted by the Utah Division of Oil, Gas and Mining

FOR RECORD ONLY

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

SIGNATURE	DATE
N/A	10/14/2010

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

AMENDED REPORT ☐ (highlight changes)

FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-77326

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER: FEDERAL 7-1D-65

9. API NUMBER: 4301334015

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: (435) 722-1325

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 2023 FNL, 2174 FWL
AT TOP PRODUCING INTERVAL REPORTED BELOW: 1982 FNL, 2014 FWL SWNE
AT TOTAL DEPTH: 1965 FNL, 1832 FWL SWNE

BHL Reviewed by HSM

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 1 6S 5W U

12. COUNTY: DUCHESNE 13. STATE: UTAH

14. DATE SPUDDED: 9/15/2010 15. DATE T.D. REACHED: 9/25/2010 16. DATE COMPLETED: 10/8/2010 ABANDONED ☐ READY TO PRODUCE ☑

17. ELEVATIONS (DF, RKB, RT, GL): 7346 GL

18. TOTAL DEPTH: MD 6,221 TVD 6034

19. PLUG BACK T.D.: MD 6,175 TVD 5988

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)
ELECTRONIC

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	341		G 187			
7.875	5.5 J-55	15.5		6,221		PL 200		250 CBL	
						PLHS 390			

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	6,131							

26. PRODUCING INTERVALS GR-WS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) UTELAND	5,868	6,097		
(B) CASTLE PEAK	5,497	5,624		
(C) BLACK SHALE	5,227	5,405		
(D) 3 POINT	4,944	5,054		

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)		SIZE	NO. HOLES	PERFORATION STATUS
5,868	6,097	.36	26	Open ☑ Squeezed ☐
5,497	5,624	.36	16	Open ☑ Squeezed ☐
5,227	5,405	.36	14	Open ☑ Squeezed ☐
4,944	5,054	.36	10	Open ☑ Squeezed ☐

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
UTELAND	FRAC W/ 60,000 LBS SAND & 1020 BBLS FLUID
CASTLE PEAK	FRAC W/ 54,400 LBS SAND & 633 BBLS FLUID
BLACK SHALE	FRAC W/ 17,000 LBS SAND & 355 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:

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(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:
10/14/2010		11/8/2010		24			76	86	34	PUMPING
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:
	300	50								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 (NEW)	1,963
MAHOGANY	2,599
TGR3	3,573
DOUGLAS CREEK	4,512
BLACK SHALE	5,125
CASTLE PEAK	5,446
UTELAND	5,866
WASATCH	6,069

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. REG & PERMITTING TECH

SIGNATURE Kathy K. Fieldsted DATE 11/23/2010

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)

GREAT WHITE

DIRECTIONAL SERVICES, LLC

Survey Certification Sheet

Report Date: 10-13-10

GWDS Job #: 02388-432-21 / Directional

Operator: Berry Petroleum Co.
Well Name: Federal 7-1D-65
API#: 43-013-34015
County/State: Duchesne Co., UT
Well SHL: 2023' FNL & 2174' FWL (SENW) Sec. 1-T6S-R5W
Well SHL: 39° 59' 25.879" N (NAD27)
110° 23' 50.179" W (NAD27)

Drilling Rig Contractor: Berry Rig 5 (RKB: 14')

Surveyed Dates: 9/20/10-9/23/10
Surveyed from a depth of: OH: 460.00' MD to 6159.00' MD

Type of Survey: MWD Surveys (STB=50')

The data and calculations for this survey have been checked by me and conform to the calibration standards and operational procedures set forth by Great White Directional Services, LLC. I am authorized and qualified to review the data, calculations and this report, and that the report represents a true and correct Directional Survey of this well based on the original data corrected to True North and obtained at the well site. Wellbore Coordinates are calculated using minimum curvature method.

Bret Wolford

Bret Wolford

Great White Directional Services, LLC - Well Planner

PO Box 427 • MILLS, WY 82644 • 63 CASPER VIEW COURT • MILLS, WY 82644
OFFICE (307) 472-7400 • FAX (307) 473-7200

Project: Duchesne Co., UT (UT27C)
Site: Federal Sec.1 Pads (Sec.1-T6S-R5W)
Well: Federal 7-1D-65
Wellbore: Wellbore #1
Design: Design #1
Latitude: 39° 59' 25.879 N
Longitude: 110° 23' 50.179 W
Ground Level: 7346.00
WELL @ 7360.00ft (Berry Rig 5)

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 7-1D-65, True North
Vertical (TVD) Reference: WELL @ 7360.00ft (Berry Rig 5)
Section (VS) Reference: Slot - (0.00N, 0.00E)
Measured Depth Reference: WELL @ 7360.00ft (Berry Rig 5)
Calculation Method: Minimum Curvature

WELL DETAILS: Federal 7-1D-65

Ground Level: 7346.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	605497.481	2308956.469	39° 59' 25.879 N	110° 23' 50.179 W	

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

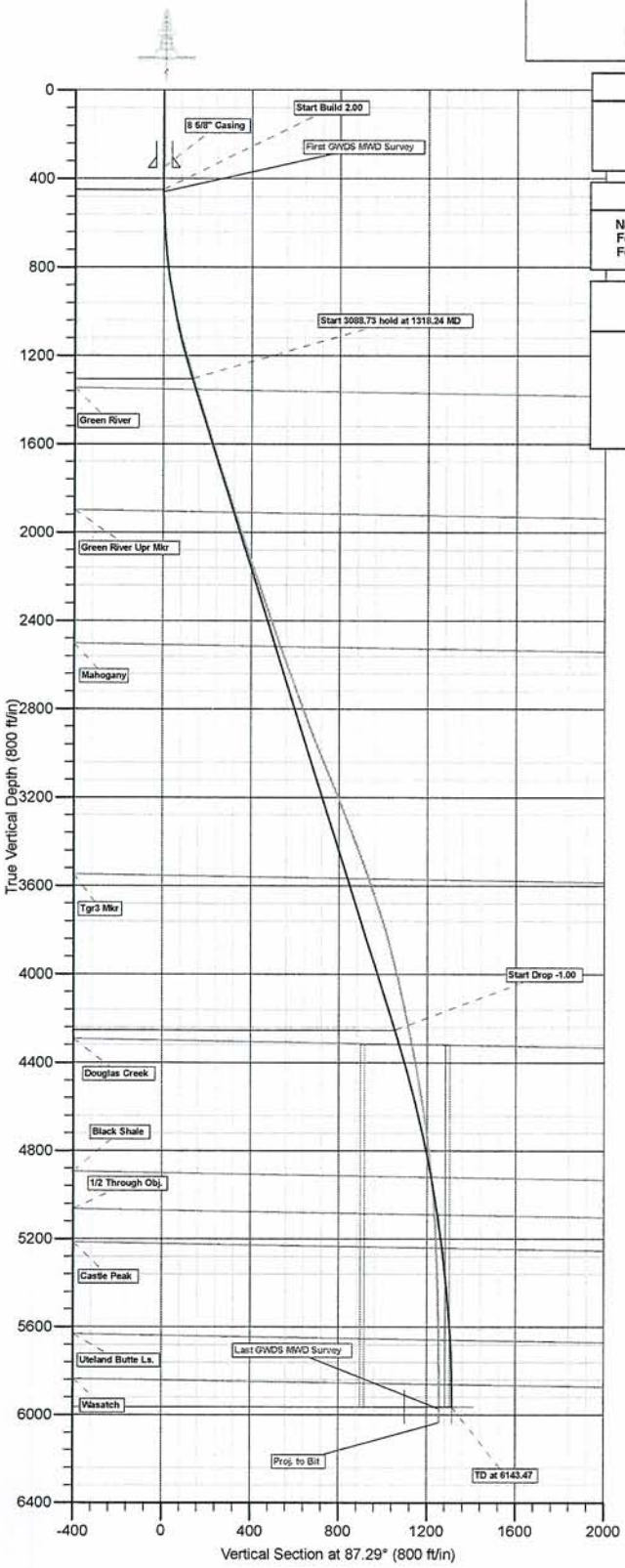
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
Fed 7-1D-65 Drlg Tgt	5963.00	49.62	1312.61	605563.284	2310268.367	39° 59' 26.369 N	110° 23' 33.314 W	Circle (Radius: 100.00)
Fed 7-1D-65 Tgt	5963.00	52.05	1098.35	605563.067	2310054.094	39° 59' 26.393 N	110° 23' 36.067 W	Polygon

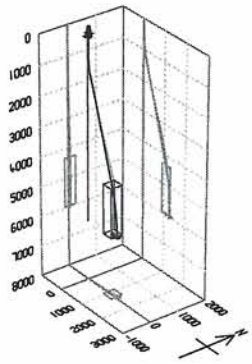
SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
450.00	0.00	0.00	450.00	0.00	0.00	0.00	0.00	0.00	Start Build 2.00
1318.24	17.36	87.83	1305.01	4.93	130.47	2.00	87.83	130.56	Start 3088.73 hold at 1318.24 MD
4406.98	17.36	87.83	4252.97	39.76	1051.67	0.00	0.00	1052.37	Start Drop -1.00
6143.47	0.00	0.00	5963.00	49.62	1312.61	1.00	180.00	1313.49	TD at 6143.47

FORMATION TOP DETAILS

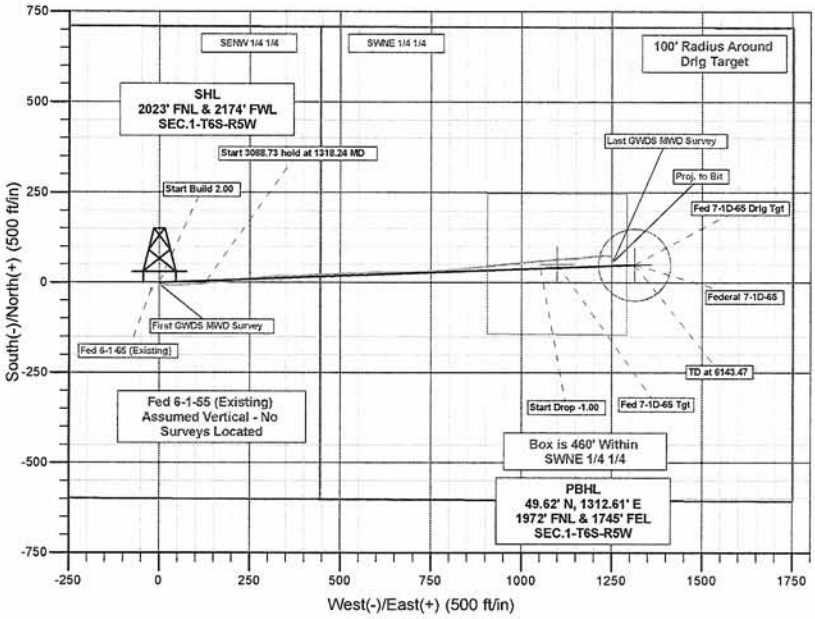
TVDPath	MDPath	Formation
1355.35	1370.98	Green River
1911.14	1953.32	Green River Upr Mkr
2517.18	2588.30	Mahogany
3567.46	3688.73	Tgr3 Mkr
4317.22	4474.17	Douglas Creek
4921.56	5096.21	Black Shale
5091.02	5268.09	1/2 Through Obj.
5242.36	5420.92	Castle Peak
5659.96	5840.29	Uteland Butte Ls.
5863.08	6043.54	Wasatch





Azimuths to True North
Magnetic North: 11.53°

Magnetic Field
Strength: 52252.3snT
Dip Angle: 65.70°
Date: 09/09/2010
Model: IGRF2010



Plan: Design #1 (Federal 7-1D-65/Wellbore #1)

Created By: Bret Wolford Date: 9:52, September 23 2010

Berry Petroleum Company

Duchesne Co., UT (UT27C)
Federal Sec.1 Pads (Sec.1-T6S-R5W)
Federal 7-1D-65

Wellbore #1

Survey: Survey #1

Standard Survey Report

23 September, 2010

GREAT WHITE
DIRECTIONAL SERVICES, L.L.C.

Great White Directional Services, LLC

Survey Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well Federal 7-1D-65
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 7360.00ft (Berry Rig 5)
Site:	Federal Sec.1 Pads (Sec.1-T6S-R5W)	**MD Reference:**	WELL @ 7360.00ft (Berry Rig 5)
Well:	Federal 7-1D-65	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 2003.21 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 Federal Sec.1 Pads (Sec.1-T6S-R5W)

Site Position:		**Northing:**	605,769.134 ft	**Latitude:**	39° 59' 28.309 N
From:	Lat/Long	**Easting:**	2,311,038.090 ft	**Longitude:**	110° 23' 23.392 W
Position Uncertainty:	0.00 ft	**Slot Radius:**	"	**Grid Convergence:**	0.71 °

Well Federal 7-1D-65

Well Position	**+N/-S**	0.00 ft	**Northing:**	605,497.481 ft	**Latitude:**	39° 59' 25.879 N
	+E/-W	0.00 ft	**Easting:**	2,308,956.469 ft	**Longitude:**	110° 23' 50.179 W
Position Uncertainty		0.00 ft	**Wellhead Elevation:**	ft	**Ground Level:**	7,346.00 ft

Wellbore Wellbore #1

Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2010	09/09/10	11.53	65.70	52,252

Design Wellbore #1

Audit Notes:

Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.00

Vertical Section:	**Depth From (TVD) (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Direction (°)**
	0.00	0.00	0.00	87.29

Survey Program **Date** 09/23/10

From (ft)	**To (ft)**	**Survey (Wellbore)**	**Tool Name**	**Description**
460.00	6,221.00	Survey #1 (Wellbore #1)	MWD	MWD - Standard

Survey

Measured Depth (ft)	**Inclination (°)**	**Azimuth (°)**	**Vertical Depth (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Vertical Section (ft)**	**Dogleg Rate (°/100ft)**	**Build Rate (°/100ft)**	**Turn Rate (°/100ft)**
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
First GWDS MWD Survey									
460.00	0.88	210.69	459.98	-3.04	-1.80	-1.94	0.19	0.19	0.00
520.00	1.41	136.33	519.97	-3.97	-1.53	-1.71	2.41	0.88	-123.93
580.00	2.86	110.14	579.93	-5.02	0.39	0.15	2.85	2.42	-43.65
640.00	4.70	98.50	639.80	-5.90	4.22	3.94	3.31	3.07	-19.40
702.00	6.10	94.15	701.52	-6.51	10.02	9.70	2.35	2.26	-7.02
764.00	6.94	92.83	763.12	-6.93	17.05	16.70	1.38	1.35	-2.13
826.00	8.20	90.40	824.58	-7.15	25.21	24.84	2.10	2.03	-3.92
887.00	9.58	92.56	884.84	-7.41	34.63	34.24	2.33	2.26	3.54
948.00	10.85	90.19	944.88	-7.65	45.45	45.03	2.19	2.08	-3.89
1,009.00	12.21	88.17	1,004.64	-7.47	57.63	57.22	2.33	2.23	-3.31
1,071.00	13.00	87.03	1,065.15	-6.89	71.15	70.75	1.34	1.27	-1.84

Great White Directional Services, LLC

Survey Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well Federal 7-1D-65
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 7360.00ft (Berry Rig 5)
Site:	Federal Sec.1 Pads (Sec.1-T6S-R5W)	**MD Reference:**	WELL @ 7360.00ft (Berry Rig 5)
Well:	Federal 7-1D-65	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
1,165.00	15.40	85.80	1,156.27	-5.43	94.16	93.80	2.57	2.55	-1.31
1,260.00	15.80	84.70	1,247.77	-3.31	119.62	119.33	0.52	0.42	-1.16
1,355.00	16.00	82.80	1,339.14	-0.48	145.49	145.30	0.59	0.21	-2.00
1,450.00	17.20	85.70	1,430.18	2.22	172.49	172.40	1.53	1.26	3.05
1,546.00	17.40	84.50	1,521.84	4.66	200.93	200.92	0.43	0.21	-1.25
1,641.00	18.00	82.80	1,612.34	7.86	229.63	229.74	0.83	0.63	-1.79
1,736.00	18.00	81.90	1,702.69	11.77	258.72	258.99	0.29	0.00	-0.95
1,830.00	18.40	84.90	1,791.99	15.13	287.88	288.27	1.08	0.43	3.19
1,925.00	18.00	86.60	1,882.24	17.33	317.47	317.93	0.70	-0.42	1.79
2,020.00	17.84	87.20	1,972.63	18.92	346.65	347.16	0.26	-0.17	0.63
2,115.00	18.80	88.70	2,062.81	19.97	376.49	377.02	1.13	1.01	1.58
2,211.00	18.41	87.29	2,153.80	21.04	407.10	407.64	0.62	-0.41	-1.47
2,306.00	18.70	88.20	2,243.86	22.23	437.31	437.87	0.43	0.31	0.96
2,400.00	19.70	88.00	2,332.63	23.25	468.20	468.78	1.07	1.06	-0.21
2,495.00	19.10	86.90	2,422.23	24.65	499.73	500.33	0.74	-0.63	-1.16
2,591.00	19.30	87.30	2,512.89	26.25	531.26	531.90	0.25	0.21	0.42
2,686.00	19.40	88.60	2,602.53	27.38	562.71	563.38	0.47	0.11	1.37
2,781.00	19.90	88.70	2,692.00	28.13	594.65	595.31	0.53	0.53	0.11
2,877.00	20.10	89.80	2,782.21	28.56	627.48	628.13	0.44	0.21	1.15
2,970.00	21.30	90.30	2,869.20	28.52	660.35	660.96	1.30	1.29	0.54
3,065.00	22.00	88.50	2,957.50	28.90	695.39	695.98	1.02	0.74	-1.89
3,161.00	22.10	87.40	3,046.48	30.19	731.41	732.02	0.44	0.10	-1.15
3,255.00	22.10	86.30	3,133.57	32.13	766.72	767.38	0.44	0.00	-1.17
3,351.00	21.80	85.40	3,222.61	34.73	802.51	803.25	0.47	-0.31	-0.94
3,446.00	21.30	84.70	3,310.97	37.74	837.27	838.12	0.59	-0.53	-0.74
3,541.00	20.80	84.20	3,399.63	41.03	871.23	872.20	0.56	-0.53	-0.53
3,636.00	20.30	84.20	3,488.59	44.40	904.41	905.50	0.53	-0.53	0.00
3,731.00	19.20	83.90	3,578.00	47.73	936.34	937.55	1.16	-1.16	-0.32
3,826.00	18.10	83.30	3,668.01	51.11	966.53	967.87	1.18	-1.16	-0.63
3,921.00	17.20	83.80	3,758.53	54.35	995.15	996.61	0.96	-0.95	0.53
4,017.00	15.80	84.00	3,850.58	57.25	1,022.26	1,023.82	1.46	-1.46	0.21
4,112.00	14.20	83.30	3,942.34	59.96	1,046.70	1,048.36	1.69	-1.68	-0.74
4,207.00	12.90	84.50	4,034.69	62.34	1,068.83	1,070.58	1.40	-1.37	1.26
4,299.00	11.60	86.00	4,124.60	63.97	1,088.28	1,090.08	1.45	-1.41	1.63
4,393.00	12.00	86.10	4,216.61	65.29	1,107.45	1,109.30	0.43	0.43	0.11
4,489.00	10.80	86.50	4,310.71	66.52	1,126.39	1,128.27	1.25	-1.25	0.42
4,583.00	10.72	85.89	4,403.06	67.68	1,143.90	1,145.82	0.15	-0.09	-0.65
4,676.00	10.10	85.70	4,494.53	68.91	1,160.66	1,162.62	0.67	-0.67	-0.20
4,773.00	9.00	84.30	4,590.18	70.31	1,176.69	1,178.70	1.16	-1.13	-1.44
4,868.00	7.90	84.00	4,684.15	71.73	1,190.58	1,192.64	1.16	-1.16	-0.32
4,965.00	6.90	82.90	4,780.34	73.14	1,202.99	1,205.10	1.04	-1.03	-1.13
5,060.00	5.90	84.90	4,874.75	74.28	1,213.51	1,215.67	1.08	-1.05	2.11
5,154.00	4.90	87.10	4,968.33	74.91	1,222.34	1,224.51	1.09	-1.06	2.34
5,249.00	3.80	88.30	5,063.06	75.21	1,229.54	1,231.72	1.16	-1.16	1.26
5,343.00	3.00	86.80	5,156.89	75.44	1,235.10	1,237.29	0.86	-0.85	-1.60
5,438.00	2.30	99.20	5,251.79	75.28	1,239.47	1,241.64	0.95	-0.74	13.05
5,534.00	1.90	106.20	5,347.72	74.53	1,242.90	1,245.03	0.49	-0.42	7.29
5,629.00	1.90	112.80	5,442.67	73.48	1,245.86	1,247.94	0.23	0.00	6.95
5,724.00	1.80	128.40	5,537.62	71.94	1,248.48	1,250.49	0.54	-0.11	16.42
5,819.00	1.90	138.70	5,632.57	69.83	1,250.69	1,252.60	0.36	0.11	10.84
5,914.00	1.60	161.40	5,727.53	67.39	1,252.16	1,253.94	0.79	-0.32	23.89
6,009.00	1.70	163.10	5,822.49	64.78	1,252.99	1,254.65	0.12	0.11	1.79
6,104.00	1.80	174.60	5,917.45	61.95	1,253.54	1,255.07	0.38	0.11	12.11

Last GWDS MWD Survey

Great White Directional Services, LLC

Survey Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well Federal 7-1D-65
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 7360.00ft (Berry Rig 5)
Site:	Federal Sec.1 Pads (Sec.1-T6S-R5W)	**MD Reference:**	WELL @ 7360.00ft (Berry Rig 5)
Well:	Federal 7-1D-65	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
6,159.00	1.86	181.26	5,972.42	60.20	1,253.60	1,255.04	0.40	0.11	12.11
Proj. to Bit									
6,221.00	1.86	181.26	6,034.39	58.19	1,253.56	1,254.90	0.00	0.00	0.00

Survey Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
460.00	459.98	-3.04	-1.80	First GWDS MWD Survey
6,159.00	5,972.42	60.20	1,253.60	Last GWDS MWD Survey
6,221.00	6,034.39	58.19	1,253.56	Proj. to Bit

Checked By: _____ Approved By: _____ Date: _____

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

FORM 6

ENTITY ACTION FORM

Operator: BERRY PETROLEUM COMPANY
Address: 4000 S. 4028 W.
city ROOSEVELT
state UT zip 84066

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

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301333624	UTE TRIBAL 13-36D-55		SESW	36	5S	5W	DUCHESNE
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
E	17744	17744				10/12/10	

Comments: WELL COMPLETED TO THE WASATCH
GR-WS BHL- SWSW — 12/29/10

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301334015	FEDERAL 7-1D-65		SENW	1	6S	5E	DUCHESNE
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
E	17775	17775				10/8/10	

Comments: WELL WAS COMPLETED TO THE WASATCH
GR-WS BHL= SWNE — 12/29/10

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	

Comments:

ACTION CODES:
- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

KATHY K. FIELDSTED
Name (Please Print)
Kathy K. Fieldsted
Signature
SR. REG & PERMITTING
Title
12/16/2010
Date

RECEIVED
DEC 20 2010
DIV. OF OIL, GAS & MINING

(5/2000)

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: See attached list

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

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

8. WELL NAME and NUMBER: See Attached List

2. NAME OF OPERATOR: Berry Petroleum

9. API NUMBER: Attached

3. ADDRESS OF OPERATOR: Rt 2 Box 7735 CITY Roosevelt STATE UT ZIP 84066 PHONE NUMBER: (435) 722-1325

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY: Duchesne

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

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

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

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

Produced wastewater from Berry Petroleum Company wells (see attached well list) will be or have been used for injection in our enhanced oil recovery project(s) in the Brundage Canyon Field or they will be trucked to one of the following approved waste water disposal sites:

- R.N. Industries, Inc. Sec. 4, T2S, R2W, Bluebell
- MC & MC Disposal Sec. 12, T6S, R19E, Vernal
- LaPoint Recycle & Storage Sec. 12, T5S, R19E, LaPoint
- Water Disposal Inc. Sec. 32, T1S, R1W, Roosevelt
- ITL 4461 W 3000 So Roosevelt Location Pleasant Valley
- IWM PO Box 430 Altamont or 20250 W 2000 S Duchesne Location – Blue Bench
- Pro Water 12223 Highland Ave Ste B503 Rancho Cucamonga Ca 91739 Location – Blue Bench

COPY SENT TO OPERATOR
Date: 12-13-2012
Initials: KS

Approved by the Utah Division of Oil, Gas and Mining

Date: 12/11/12

NAME (PLEASE PRINT) Krista Mecham **By:** TITLE Sr. Regulatory & Permitting Tech

SIGNATURE Krista Mecham DATE 11/21/2012

(This space for State use only) Federal Approval of this action required for Federal Wells.

RECEIVED
DEC 06 2012
DIV. OF OIL, GAS & MINING

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

API	Well Name	Lease
43-013-32710	#1 DLB 12-15-56	Fee
43-013-33447	1-15-56 DLB	Fee
43-013-33378	14-11-56 DLB	Fee
43-013-30842	B C UTE TRIBAL 14-15	14-20-H62-3412
43-013-30841	B C UTE TRIBAL 16-16	14-20-H62-3413
43-013-30829	B C UTE TRIBAL 8-21	14-20-H62-3414
43-013-30755	BC UTE TRIBAL 4-22	14-20-H62-3415
43-013-33216	BERRY TRIBAL 1-23-54	14-20-H62-4943
43-013-33867	BERRY TRIBAL 2-34D-54	14-20-H62-4955
43-013-33384	BERRY TRIBAL 4-34-54	14-20-H62-4955
43-013-33381	BERRY TRIBAL 7-23-54	14-20-H62-4943
43-013-33383	BERRY TRIBAL 7-34-54	14-20-H62-4955
43-013-33417	BERRY TRIBAL 8-23D-54	14-20-H62-4943
43-013-33465	BERRY TRIBAL 9-23-54	14-20-H62-4943
43-013-33382	BERRY TRIBAL 9-34-54	14-20-H62-4955
43-013-33724	BERRY TRIBAL 10-23D-54	14-20-H62-4943
43-013-33422	BERRY TRIBAL 10-34D-54	14-20-H62-4955
43-013-33725	BERRY TRIBAL 11-23D-54	14-20-H62-4943
43-013-33529	BERRY TRIBAL 11-34D-54	14-20-H62-4955
43-013-50527	BERRY TRIBAL 12-34D-54	14-20-H62-4955
43-013-34043	BERRY TRIBAL 13-23-54	14-20-H62-4943
43-013-33989	BERRY TRIBAL 14-23D-54	14-20-H62-4943
43-013-33217	BERRY TRIBAL 15-23-54	14-20-H62-4943
43-013-33411	BERRY TRIBAL 15-34-54	14-20-H62-4955
43-013-33464	BERRY TRIBAL 16-34D-54	14-20-H62-4955
43-013-50524	FEDERAL 1-1D-64	UTU-77321
43-013-51142	FEDERAL 1-1D-65	UTU-77326
43-013-51232	FEDERAL 1-11-65	UTU-77330
43-013-50326	FEDERAL 10-1D-65	UTU-77326
43-013-33542	FEDERAL 10-2-65	UTU-77326
43-013-33386	FEDERAL 10-3-65	UTU-77326
43-013-50735	FEDERAL 10-6D-64	UTU-77322
43-013-33451	FEDERAL 11-10-65	UTU-77330
43-013-50327	FEDERAL 11-1D-65	UTU-77326
43-013-50763	FEDERAL 11-2D-65	UTU-77326
43-013-50565	FEDERAL 11-4D-64	UTU-77314
43-013-50348	FEDERAL 11-5D-64	UTU-8894A
43-013-34284	FEDERAL 11-6D-64	UTU-77322
43-013-50328	FEDERAL 12-1D-65	UTU-77326
43-013-50737	FEDERAL 12-3D-64	UTU-77321
43-013-50349	FEDERAL 12-5D-64	UTU-8894A
43-013-50261	FEDERAL 12-6D-64	UTU-77322
43-013-50730	FEDERAL 1-2D-64	UTU-77321
43-013-33966	FEDERAL 1-2D-65	UTU-77326
43-013-50329	FEDERAL 13-1D-65	UTU-77326
43-013-50337	FEDERAL 13-5D-64	UTU-8894A
43-013-50347	FEDERAL 13-6D-64	UTU77322
43-013-50330	FEDERAL 14-1D-65	UTU-77326

43-013-50338	FEDERAL 14-5D-64	UTU-8894A
43-013-34285	FEDERAL 14-6D-64	UTU-77322
43-013-51175	FEDERAL 15-1D-65	UTU-77326
43-013-50764	FEDERAL 15-2D-65	UTU-77326
43-013-50553	FEDERAL 15-5D-65	UTU-77327
43-013-51176	FEDERAL 16-1D-65	UTU-77326
43-013-33490	FEDERAL 16-5-65	UTU-77327
43-013-50266	FEDERAL 1-6-64	UTU-77322
43-013-51233	FEDERAL 2-11D-65	UTU-77326
43-013-50759	FEDERAL 2-1D-65	UTU-77326
43-013-33385	FEDERAL 2-2-65	UTU-77326
43-013-34018	FEDERAL 2-2D-64	UTU-77321
43-013-34286	FEDERAL 2-6D-64	UTU-77322
43-013-51093	FEDERAL 3-12D-65	UTU-77326
43-013-50760	FEDERAL 3-1D-65	UTU-77326
43-013-34001	FEDERAL 3-2D-65	UTU-77326
43-013-50782	FEDERAL 3-4D-65	UTU-77327
43-013-34287	FEDERAL 3-5D-64	UTU-8894A
43-013-50268	FEDERAL 3-6D-64	UTU-77322
43-013-51094	FEDERAL 4-12D-65	UTU-77326
43-013-50736	FEDERAL 4-3D-64	UTU-77321
43-013-50521	FEDERAL 4-4D-65	UTU-77327
43-013-50263	FEDERAL 4-5D-64	UTU-8894A
43-013-50267	FEDERAL 4-6D-64	UTU-77322
43-013-51095	FEDERAL 5-12D-65	UTU-77330
43-013-50761	FEDERAL 5-1D-65	UTU-77326
43-013-33448	FEDERAL 5-3-64	UTU-77321
43-013-33450	FEDERAL 5-4-64	UTU-77326
43-013-33387	FEDERAL 5-4-65	UTU-77327
43-013-50259	FEDERAL 5-5D-64	UTU-8894A
43-013-33489	FEDERAL 5-6-65	UTU-77327
43-013-50269	FEDERAL 5-6D-64	UTU-77322
43-013-33491	FEDERAL 6-11-65	UTU-77330
43-013-51096	FEDERAL 6-12D-65	UTU-77330
43-013-32699	FEDERAL 6-1-65	UTU-77325
43-013-32557	FEDERAL 6-2-65	UTU-77326
43-013-50522	FEDERAL 6-3D-64	UTU-77321
43-013-34288	FEDERAL 6-5D-64	UTU-8894A
43-013-33745	FEDERAL 6-6D-64	UTU-77322
43-013-50566	FEDERAL 6-6D-65	UTU-77327
43-013-34061	FEDERAL 7-11D-65	UTU-77330
43-013-34015	FEDERAL 7-1D-65	UTU-77325
43-013-50734	FEDERAL 7-2D-64	UTU-77321
43-013-50525	FEDERAL 7-2D-65	UTU-77326
43-013-34065	FEDERAL 7-3D-65	UTU-77326
43-013-34020	FEDERAL 7-6D-64	UTU-77322
43-013-51232	FEDERAL 8-11D-65	UTU-77326
43-013-33449	FEDERAL 8-1-64	UTU-77321
43-013-50350	FEDERAL 8-1D-65	UTU-77326

43-013-33581	FEDERAL 8-2D-64	UTU-77321
43-013-50719	FEDERAL 8-2D-65	UTU-77326
43-013-50325	FEDERAL 8-6D-64	UTU-77322
43-013-50342	FEDERAL 9-1D-65	UTU-77326
43-013-50762	FEDERAL 9-2D-65	UTU-77326
43-013-51218	FEDERAL 9-6D-64	UTU-77322
43-013-32351	FOY TRIBAL 11-34-55	UTU-76968
43-013-33799	FOY TRIBAL 12H-33-55	FEE
43-013-51288	LC FEE 10-28D-56	FEE
43-013-50994	LC FEE 10-31D-45	FEE
43-013-50965	LC FEE 1-22-57	FEE
43-013-50718	LC FEE 1-22D-56	FEE
43-013-51371	LC FEE 1-31D-45	FEE
43-013-50929	LC FEE 13-29-45	FEE
43-013-50870	LC FEE 15-23D-56	FEE
43-013-50601	LC FEE 16-16D-56	FEE
43-013-50777	LC FEE 2-20D-56	FEE
43-013-33593	LC FEE 6-12-57	FEE
43-013-50867	LC FEE 8-28D-56	FEE
43-013-50928	LC FEE 8-29-45	FEE
43-013-50963	LC FEE 9-12D-57	FEE
43-013-51192	LC FEE 9-19-56	FEE
43-013-50602	LC TRIBAL 10-16D-56	14-20-H62-6301
43-013-50999	LC TRIBAL 10-21-56	14-20-H62-3433
43-013-33677	LC TRIBAL 11-17-56	14-20-H62-6300
43-013-50751	LC TRIBAL 11-3D-56	14-20-H62-6435
43-013-50780	LC TRIBAL 12-22D-56	14-20-H62-6302
43-013-33606	LC TRIBAL 12H-6-56	14-20-H62-5500
43-013-34282	LC TRIBAL 13-16D-56	14-20-H62-5623
43-013-33591	LC TRIBAL 13H-3-56	14-20-H62-6435
43-013-50776	LC TRIBAL 14-14D-56	14-20-H62-6436
43-013-50834	LC TRIBAL 14-15D-56	14-20-H62-6435
43-013-33492	LC TRIBAL 14-2-56	14-20-H62-6472
43-013-51030	LC TRIBAL 15-15D-56	14-20-H62-6435
43-013-50606	LC TRIBAL 15-22D-56	14-20-H62-6302
43-013-50871	LC TRIBAL 15-26-56	14-20-H62-6471
43-013-51132	LC TRIBAL 16-30D-56	2OG-000-5500
43-013-33608	LC TRIBAL 1-9-56	14-20-H62-5657
43-013-33538	LC TRIBAL 2-16D-56	14-20-H62-5623
43-013-51429	LC TRIBAL 2-28D-45	2OG-000-5500
43-013-50866	LC TRIBAL 2-28D-56	14-20-H62-6473
43-013-50925	LC TRIBAL 2-5D-56	14-20-H62-6432
43-013-50926	LC TRIBAL 2-9D-56	14-20-H62-5657
43-013-50598	LC TRIBAL 3-15D-56	14-20-H62-6435
43-013-33541	LC TRIBAL 3-17-56	14-20-H62-5655
43-013-50751	LC TRIBAL 3-21D-56	14-20-H62-3433
43-013-50976	LC TRIBAL 3-34-45	2OG-000-5500
43-013-33580	LC TRIBAL 3-5-56	14-20-H62-6257
43-013-33539	LC TRIBAL 4-16-56	14-20-H62-6301

43-013-50262	LC TRIBAL 4-27D-56	14-20-H62-6303
43-013-50661	LC TRIBAL 5-14D-56	14-20-H62-6436
43-013-50752	LC TRIBAL 5-21D-56	14-20-H62-3433
43-013-50625	LC TRIBAL 5-23D-56	14-20-H62-6434
43-013-50260	LC TRIBAL 6-22D-56	14-20-H62-6302
43-013-50868	LC TRIBAL 6-27D-56	14-20-H62-6303
43-013-51034	LC TRIBAL 6-28-45	2OG-000-5500
43-013-51073	LC TRIBAL 7-27-45	2OG-000-5500
43-013-33577	LC TRIBAL 7-3-56	14-20-H62-5656
43-013-50599	LC TRIBAL 8-16D-56	14-20-H62-6301
43-013-33576	LC TRIBAL 8-28-46	14-20-H62-5500
43-013-51131	LC TRIBAL 8-30D-56	2OG-000-5500
43-013-33605	LC TRIBAL 8-4-56	14-20-H62-6256
43-013-51031	LC TRIBAL 9-15D-56	14-20-H62-6435
43-013-51430	LC TRIBAL 9-28D-45	2OG-000-5500
43-013-51112	LC TRIBAL 9-8D-56	2OG-000-5500
43-013-51198	LC TRIBAL 9-9D-56	2OG-000-5500
43-013-51076	LC Tribal 11-24-45	2OG-000-5500
43-013-32931	MOON TRIBAL 10-2-54	14-20-H62-3404
43-013-32540	MOON TRIBAL 10-27-54	14-20-H62-3375
43-013-32845	MOON TRIBAL 11-27-54	14-20-H62-3375
43-013-32347	MOON TRIBAL 12-23-54	14-20-H62-4943
43-013-32541	MOON TRIBAL 12-27-54	14-20-H62-3375
43-013-32937	MOON TRIBAL 1-27-54	14-20-H62-3375
43-013-32801	MOON TRIBAL 13-27-54	14-20-H62-3375
43-013-32408	MOON TRIBAL 14-27-54	14-20-H62-3375
43-013-32846	MOON TRIBAL 15-27-54	14-20-H62-3375
43-013-32927	MOON TRIBAL 16-23-54	14-20-H62-4943
43-013-34109	MOON TRIBAL 16-27D-54	14-20-H62-3375
43-013-32613	MOON TRIBAL 3-27-54	14-20-H62-3375
43-013-32800	MOON TRIBAL 4-23-54	14-20-H62-4943
43-013-32938	MOON TRIBAL 5-23-54	14-20-H62-4943
43-013-32802	MOON TRIBAL 5-27-54	14-20-H62-3375
43-013-32843	MOON TRIBAL 6-23-54	14-20-H62-4943
43-013-32407	MOON TRIBAL 6-27-54	14-20-H62-3375
43-013-33365	MOON TRIBAL 7-27D-54	14-20-H62-3375
43-013-32543	MOON TRIBAL 8-27-54	14-20-H62-3375
43-013-32782	MYRIN TRIBAL 14-19-55	14-20-H62-5058
43-013-32934	MYRIN TRIBAL 16-19-55	14-20-H62-5058
43-013-33152	NIELSEN FEE 13-11-56	14-20-H62-5620
43-013-32737	NIELSEN MARSING 13-14-56	FEE
43-013-31131	S BRUNDAGE CYN UTE TRIBAL 4-27	14-20-H62-3375
43-013-30948	S BRUNDAGE UTE TRIBAL 1-30	14-20-H62-3417
43-013-30933	S COTTONWOOD RIDGE UTE TRIBAL 1-19	14-20-H62-4919
43-007-30890	SCOFIELD THORPE 22-41X RIG SKID	FEE
43-007-31001	SCOFIELD-THORPE 23-31	FEE
43-007-30991	SCOFIELD-THORPE 35-13	FEE
43-013-50686	SFW FEE 14-10D-54	FEE
43-013-50247	SFW FEE 15-10-54	FEE

43-013-34295	SFW TRIBAL 10-10D-54	14-20-H62-5517
43-013-34296	SFW TRIBAL 9-10D-54	14-20-H62-5517
43-013-31701	SOWERS CANYON 9-27	14-20-H62-4753/UTU-76967
43-013-30955	SOWERS CYN UTE TRIBAL 3-26	14-20-H62-3444
43-013-33916	ST TRIBAL 1-15D-54	14-20-H62-4661
43-013-32849	ST TRIBAL 2-15-54	14-20-H62-4661
43-013-34059	ST TRIBAL 3-15D-54	14-20-H62-4661
43-013-32850	ST TRIBAL 4-15-54	14-20-H62-4661
43-013-34060	ST TRIBAL 5-15D-54	14-20-H62-4661
43-013-32848	ST TRIBAL 6-15-54	14-20-H62-4661
43-013-33950	ST TRIBAL 7-15D-54	14-20-H62-4661
43-013-32851	ST TRIBAL 8-15-54	14-20-H62-4661
43-013-33951	ST TRIBAL 9-15D-54	14-20-H62-4661
43-013-50245	STATE TRIBAL 16-10-54	14-20-H62-5517
43-013-32953	STATE TRIBAL 5-18-54	14-20-H62-5035
43-013-32952	STATE TRIBAL 7-18-54	14-20-H62-5035
43-013-30999	T C UTE TRIBAL 9-23X	14-20-H62-3443
43-013-31699	TABBY CANYON 1-21	14-20-H62-4825/UTU-76965
43-013-31700	TABBY CANYON 8-22	14-20-H62-4754/UTU-76966
43-013-30945	TABBY CYN UTE TRIBAL 1-25	14-20-H62-3537
43-013-33121	TAYLOR FEE 13-22-56	FEE
43-013-33140	TAYLOR FEE 7-14-56	FEE
43-013-32738	TAYLOR HERRICK 10-22-56	FEE
43-013-51271	UTE FEE 14-9D-54	FEE
43-013-51272	UTE FEE 15-9D-54	FEE
43-013-33720	UTE FEE 2-13-55	FEE
43-013-51259	UTE FEE 9-9-54	FEE
43-013-33055	UTE TRIBAL 10-12-55	14-20-H62-5056
43-013-33205	UTE TRIBAL 10-14-54	14-20-H62-5033
43-013-32601	UTE TRIBAL 10-14-55	14-20-H62-5016
43-013-32587	UTE TRIBAL 10-15-54	14-20-H62-4661
43-013-32977	UTE TRIBAL 10-15-55	14-20-H62-5017
43-013-33129	UTE TRIBAL 10-16-54	14-20-H62-3413
43-013-32345	UTE TRIBAL 10-16-55	14-20-H62-5024
43-013-33133	UTE TRIBAL 10-17-54	14-20-H62-4731
43-013-33300	UTE TRIBAL 10-18-54	14-20-H62-4919
43-013-32717	UTE TRIBAL 10-19-54	14-20-H62-3528
43-013-32740	UTE TRIBAL 10-20-54	14-20-H62-3529
43-013-32603	UTE TRIBAL 10-21-55	14-20-H62-4825
43-013-32592	UTE TRIBAL 10-22-54	14-20-H62-3415
43-013-33722	UTE TRIBAL 10-22D-55	14-20-H62-4754
43-013-33358	UTE TRIBAL 10-23D-55	14-20-H62-3443
43-013-32932	UTE TRIBAL 10-24-54	14-20-H62-4716
43-013-33156	UTE TRIBAL 10-24D-55	14-20-H62-4749
43-013-32749	UTE TRIBAL 10-25-55	14-20-H62-3537
43-013-33620	UTE TRIBAL 10-26D-54	14-20-H62-4954
43-013-33360	UTE TRIBAL 10-26D-55	14-20-H62-3444
43-013-33683	UTE TRIBAL 10-27D-55	14-20-H62-4753
43-013-32764	UTE TRIBAL 10-28-54	14-20-H62-4740

43-013-32419	UTE TRIBAL 10-28-55	14-20-H62-5019
43-013-33155	UTE TRIBAL 10-29-54	14-20-H62-5036
43-013-33157	UTE TRIBAL 10-29D-55	14-20-H62-5020
43-013-32847	UTE TRIBAL 10-31-54	14-20-H62-4946
43-013-32936	UTE TRIBAL 10-31-55	14-20-H62-5060
43-013-33902	UTE TRIBAL 10-32-54	14-20-H62-4947
43-013-33092	UTE TRIBAL 10-33-54	14-20-H62-4948
43-013-32353	UTE TRIBAL 10-35-55	14-20-H62-4945
43-013-33968	UTE TRIBAL 10-36D-55	14-20-H62-4944
43-013-50854	UTE TRIBAL 10S-21D-54	14-20-H62-3141
43-013-32721	UTE TRIBAL 11-12-55	14-20-H62-5518
43-013-32568	UTE TRIBAL 11-13-54	14-20-H62-4894
43-013-33268	UTE TRIBAL 11-13-55	14-20-H62-4845
43-013-32693	UTE TRIBAL 11-14-55	14-20-H62-5016
43-013-33206	UTE TRIBAL 11-15-54	14-20-H62-4661
43-013-32980	UTE TRIBAL 11-15-55	14-20-H62-5017
43-013-32589	UTE TRIBAL 11-16-54	14-20-H62-3413
43-013-32145	UTE TRIBAL 11-17	14-20-H62-4731
43-013-31547	UTE TRIBAL 11-19	14-20-H62-3528
43-013-32168	UTE TRIBAL 11-20	14-20-H62-3529
43-013-32415	UTE TRIBAL 11-20-55	14-20-H62-5018
43-013-33115	UTE TRIBAL 11-21-54	14-20-H62-3414
43-013-33116	UTE TRIBAL 11-22-54	14-20-H62-3415
43-013-32607	UTE TRIBAL 11-22-55	14-20-H62-4754
43-013-32269	UTE TRIBAL 11-23-55	14-20-H62-3443
43-013-31909	UTE TRIBAL 11-24	14-20-H62-4749
43-013-31911	UTE TRIBAL 11-25	14-20-H62-3537
43-013-32856	UTE TRIBAL 11-25-54	14-20-H62-3440
43-013-32990	UTE TRIBAL 11-25-56	14-20-H62-5065
43-013-32844	UTE TRIBAL 11-26-54	14-20-H62-4954
43-013-33478	UTE TRIBAL 11-26D-55	14-20-H62-3444
43-013-32615	UTE TRIBAL 11-27-55	14-20-H62-4753
43-013-32192	UTE TRIBAL 11-28	14-20-H62-4740
43-013-34057	UTE TRIBAL 11-28-55	14-20-H62-5019
43-013-32563	UTE TRIBAL 11-29-54	14-20-H62-5032
43-013-32512	UTE TRIBAL 11-30-54	14-20-H62-4662
43-013-32530	UTE TRIBAL 11-31-54	14-20-H62-4946
43-013-33793	UTE TRIBAL 11-32D-54	14-20-H62-4947
43-013-32522	UTE TRIBAL 11-33-54	14-20-H62-4948
43-013-33783	UTE TRIBAL 11-35-55	14-20-H62-5053
43-013-33214	UTE TRIBAL 11-36D-55	14-20-H62-4944
43-013-33769	UTE TRIBAL 1-14D-54	14-20-H62-5033
43-013-33279	UTE TRIBAL 1-14D-55	14-20-H62-5016
43-013-32664	UTE TRIBAL 11-5-54	14-20-H62-5516
43-013-32978	UTE TRIBAL 1-15-55	14-20-H62-5017
43-013-33128	UTE TRIBAL 1-16-54	14-20-H62-3413
43-013-30966	UTE TRIBAL 1-20	14-20-H62-3529
43-013-32414	UTE TRIBAL 1-20-55	14-20-H62-5018
43-013-32369	UTE TRIBAL 12-14-54	14-20-H62-5033

43-013-50476	UTE TRIBAL 12-14D-55	14-20-H62-4661
43-013-32205	UTE TRIBAL 12-15	14-20-H62-5017
43-013-32981	UTE TRIBAL 12-15-55	14-20-H62-3413
43-013-33131	UTE TRIBAL 12-16-54	14-20-H62-4919
43-013-32146	UTE TRIBAL 12-17	14-20-H62-5035
43-013-33077	UTE TRIBAL 12-18-54	14-20-H62-3528
43-013-32716	UTE TRIBAL 12-19-54	14-20-H62-3529
43-013-32866	UTE TRIBAL 12-20-54	14-20-H62-3414
43-013-32385	UTE TRIBAL 12-21-54	14-20-H62-4825
43-013-33694	UTE TRIBAL 12-21D-55	14-20-H62-4754
43-013-32616	UTE TRIBAL 12-22-55	14-20-H62-3443
43-013-33908	UTE TRIBAL 12-23D-55	14-20-H62-4749
43-013-33134	UTE TRIBAL 12-24D-55	14-20-H62-4749
43-013-32769	UTE TRIBAL 12-25-55	14-20-H62-3537
43-013-33801	UTE TRIBAL 12-26D-54	14-20-H62-3444
43-013-34118	UTE TRIBAL 12-26D-55	14-20-H62-4740
43-013-32765	UTE TRIBAL 12-28-54	14-20-H62-5019
43-013-33645	UTE TRIBAL 12-28D-55	14-20-H62-5036
43-013-32572	UTE TRIBAL 12-29-54	14-20-H62-5020
43-013-33418	UTE TRIBAL 12-29D-55	14-20-H62-5020
43-013-33215	UTE TRIBAL 1-22D-54	14-20-H62-3415
43-013-33626	UTE TRIBAL 1-22D-55	14-20-H62-4754
43-013-33907	UTE TRIBAL 12-31D-54	14-20-H62-4946
43-013-32925	UTE TRIBAL 12-32-54	14-20-H62-4947
43-013-33266	UTE TRIBAL 12-32-55	14-20-H62-5026
43-013-33090	UTE TRIBAL 12-33-54	14-20-562-4948
43-013-32524	UTE TRIBAL 1-23-55	14-20-H62-3443
43-013-33782	UTE TRIBAL 12-35D-55	14-20-H62-4945
43-013-32354	UTE TRIBAL 12-36-55	14-20-H62-4944
43-013-32259	UTE TRIBAL 1-24-55	14-20-H62-4749
43-013-31912	UTE TRIBAL 1-26	14-20-H62-3444
43-013-33680	UTE TRIBAL 1-26D-54	14-20-H62-4943
43-013-32416	UTE TRIBAL 1-27-55	14-20-H62-4753
43-013-31549	UTE TRIBAL 1-28	14-20-H62-4740
43-013-33784	UTE TRIBAL 1-28D-55	14-20-H62-5019
43-013-33184	UTE TRIBAL 12Q-25-55	14-20-H62-3537
43-013-32599	UTE TRIBAL 13-13-55	14-20-H62-4845
43-013-33364	UTE TRIBAL 13-14-54	14-20-H62-5033
43-013-32600	UTE TRIBAL 13-14-55	14-20-H62-5016
43-013-32526	UTE TRIBAL 1-31-54	14-20-H62-4946
43-013-32602	UTE TRIBAL 13-15-55	14-20-H62-5017
43-013-33039	UTE TRIBAL 13-15D-54	14-20-H662-4661
43-013-32511	UTE TRIBAL 13-16-54	14-20-H62-3413
43-013-31546	UTE TRIBAL 13-17	14-20-H62-4919
43-013-32571	UTE TRIBAL 13-18-54	14-20-H62-5032
43-013-31284	UTE TRIBAL 13-19	14-20-H62-3528
43-013-32206	UTE TRIBAL 13-20	14-20-H62-3529
43-013-32841	UTE TRIBAL 13-20-55	14-20-H62-5018
43-013-33113	UTE TRIBAL 13-21-54	14-20-H62-3414

43-013-31548	UTE TRIBAL 13-22	14-20-H62-3415
43-013-33716	UTE TRIBAL 13-22D-55	14-20-H62-4754
43-013-32513	UTE TRIBAL 13-23-55	14-20-H62-3443
43-013-31910	UTE TRIBAL 13-24	14-20-H62-4749
43-013-32169	UTE TRIBAL 13-25	14-20-H62-3537
43-013-32891	UTE TRIBAL 13-26-54	14-20-H62-4954
43-013-34002	UTE TRIBAL 13-26D-55	14-20-H62-3444
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43-013-33501	UTE TRIBAL 1-31-55	14-20-H62-5060
43-013-30872	UTE TRIBAL 1-32R	14-20-H62-4947
43-013-32185	UTE TRIBAL 1-33	14-20-H62-4948
43-013-32409	UTE TRIBAL 13-30-54	14-20-H62-4662
43-013-32688	UTE TRIBAL 13-31-54	14-20-H62-4946
43-013-32692	UTE TRIBAL 13-32-54	14-20-H62-4947
43-013-32742	UTE TRIBAL 13-33-54	14-20-H62-4948
43-013-32806	UTE TRIBAL 13-35-54	14-20-H62-5053
43-013-34117	UTE TRIBAL 13-35D-55	14-20-H62-4945
43-013-33624	UTE TRIBAL 13-36D-55	14-20-H62-4944
43-013-32186	UTE TRIBAL 1-34	14-20-H62-4955
43-013-50408	UTE TRIBAL 1-34D-55	14-20-H62-5028
43-013-32567	UTE TRIBAL 1-35-54	14-20-H62-5032
43-013-33967	UTE TRIBAL 1-35D-55	14-20-H62-4945
43-013-32760	UTE TRIBAL 1-36-55	14-20-H62-4944
43-013-33380	UTE TRIBAL 13H-16-55	14-20-H62-5024
43-013-33112	UTE TRIBAL 14-14-54	14-20-H62-5033
43-013-32979	UTE TRIBAL 14-15-55	14-20-H62-5017
43-013-33123	UTE TRIBAL 14-16-54	14-20-H62-3413
43-013-32147	UTE TRIBAL 14-17	14-20-H62-4919
43-013-32984	UTE TRIBAL 14-18-55	14-20-H62-5057
43-013-32690	UTE TRIBAL 14-19-54	14-20-H62-3528
43-013-32702	UTE TRIBAL 14-20-54	14-20-H62-3529
43-013-32384	UTE TRIBAL 14-21-54	14-20-H62-3414
43-013-32593	UTE TRIBAL 14-22-54	14-20-H62-3415
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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
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43-013-32750	UTE TRIBAL 14-25-55	14-20-H62-3537
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43-013-33361	UTE TRIBAL 14-26D-55	14-20-H62-3444
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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
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43-013-33277	UTE TRIBAL 14Q-28-54	14-20-H62-4740
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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
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43-013-32358	UTE TRIBAL 15-17-55	14-20-H62-5025
43-013-32148	UTE TRIBAL 15-18	14-20-H62-4919
43-013-31832	UTE TRIBAL 15-19	14-20-H62-3528
43-013-32386	UTE TRIBAL 15-20-54	14-20-H62-3529
43-013-33357	UTE TRIBAL 15-21-55	14-20-H62-3414
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43-013-33362	UTE TRIBAL 15-26D-55	14-20-H62-3444
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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
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43-013-32842	UTE TRIBAL 16-22-54	14-20-H62-3415
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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
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43-013-32356	UTE TRIBAL 16-36-55	14-20-H62-4944
43-013-33393	UTE TRIBAL 1A-29-54	14-20-H62-5036
43-013-33186	UTE TRIBAL 1I-36-55	14-20-H62-4944
43-013-33111	UTE TRIBAL 2-14-54	14-20-H962-5033
43-013-32140	UTE TRIBAL 2-19	14-20-H62-4919
43-013-32974	UTE TRIBAL 2-20-54	14-20-H62-3529
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43-013-33979	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
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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
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43-013-32758	UTE TRIBAL 3-21-55	14-20-H62-4825
43-013-33208	UTE TRIBAL 3-22-54	14-20-H62-3415
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43-013-32536	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
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43-013-33075	UTE TRIBAL 5-13-54	14-20-H62-4894
43-013-33619	UTE TRIBAL 5-14-54	14-20-H62-5033
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43-013-32413	UTE TRIBAL 7-33-54	14-20-H62-4948
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43-013-50435	UTE TRIBAL 8-21D-55	14-20-H62-4825
43-013-32590	UTE TRIBAL 8-22-54	14-20-H62-3415
43-013-33552	UTE TRIBAL 8-23D-55	14-20-H62-3443
43-013-33420	UTE TRIBAL 8-24-55	14-20-H62-4716
43-013-32780	UTE TRIBAL 8-25-54	14-20-H62-3440
43-013-32620	UTE TRIBAL 8-25-55	14-20-H62-3537
43-013-33682	UTE TRIBAL 8-26D-54	14-20-H62-4954
43-013-33859	UTE TRIBAL 8-26D-55	14-20-H62-3444
43-013-34058	UTE TRIBAL 8-27D-55	14-20-H62-4753
43-013-32766	UTE TRIBAL 8-28-54	14-20-H62-4740
43-013-32694	UTE TRIBAL 8-28-55	14-20-H62-5019
43-013-33119	UTE TRIBAL 8-29-55	14-20-H62-5020
43-013-32746	UTE TRIBAL 8-30-54	14-20-H62-4662
43-013-32869	UTE TRIBAL 8-31-54	14-20-H62-4946
43-013-32673	UTE TRIBAL 8-31-55	14-20-H62-5032
43-013-32870	UTE TRIBAL 8-32-54	14-20-H62-4947
43-013-32421	UTE TRIBAL 8-32-55	14-20-H62-5026
43-013-33089	UTE TRIBAL 8-33-54	14-20-H62-4948
43-013-50436	UTE TRIBAL 8-34D-55	14-20-H62-5028
43-013-32267	UTE TRIBAL 8-35-55	14-20-H62-4945
43-013-32423	UTE TRIBAL 8-36-55	14-20-H62-4944
43-013-50853	UTE TRIBAL 8L-21D-54	14-20-H62-3141
43-013-33328	UTE TRIBAL 9-13D-55	14-20-H62-4845
43-013-33796	UTE TRIBAL 9-14D-54	14-20-H62-5033
43-013-32701	UTE TRIBAL 9-15-55	14-20-H62-5017
43-013-33207	UTE TRIBAL 9-16-54	14-20-H62-3413

43-013-32687	UTE TRIBAL 9-17-54	14-20-H62-4731
43-013-32144	UTE TRIBAL 9-18	14-20-H62-4919
43-013-31831	UTE TRIBAL 9-19	14-20-H62-3528
43-013-32379	UTE TRIBAL 9-20-54	14-20-H62-3529
43-013-33675	UTE TRIBAL 9-20D-55	14-20-H62-5018
43-013-33040	UTE TRIBAL 9-21-54	14-20-H62-3414
43-013-32889	UTE TRIBAL 9-22-54	14-20-H62-3415
43-013-32606	UTE TRIBAL 9-22-55	14-20-H62-4754
43-013-32268	UTE TRIBAL 9-24-55	14-20-H62-4749
43-013-32390	UTE TRIBAL 9-25-55	14-20-H62-3537
43-013-32191	UTE TRIBAL 9-26	14-20-H62-4728
43-013-33359	UTE TRIBAL 9-26D-55	14-20-H62-3444
43-013-32388	UTE TRIBAL 9-28-54	14-20-H62-4740
43-013-33787	UTE TRIBAL 9-28D-55	14-20-H62-5019
43-013-32566	UTE TRIBAL 9-29-54	14-20-H62-5036
43-013-32383	UTE TRIBAL 9-30-54	14-20-H62-4662
43-013-32529	UTE TRIBAL 9-31-54	14-20-H62-4946
43-013-33508	UTE TRIBAL 9-31-55	14-20-H62-5060
43-013-32538	UTE TRIBAL 9-32-54	14-20-H62-4947
43-013-32549	UTE TRIBAL 9-33-54	14-20-H62-4948
43-013-32781	UTE TRIBAL 9-35-54	14-20-H62-5053
43-013-33047	UTE TRIBAL 9-35-55	14-20-H62-4945
43-013-33239	UTE TRIBAL 9-36D-55	14-20-H62-4944
43-013-33276	UTE TRIBAL 9S-19-54	14-20-H62-3528
43-013-33245	UTE TRIBAL 9S-25-55	14-20-H62-3537
43-013-50997	Vieira Tribal 4-4-54	14-20-H62-5659
43-013-33122	WILCOX ELIASON 7-15-56	FEE
43-013-33150	WILCOX FEE 1-20-56	FEE
43-013-33151	WILCOX FEE 15-16-56	FEE
43-013-32550	WILLIAMSON TRIBAL 3-34-54	14-20-H62-4955
43-013-32551	WILLIAMSON TRIBAL 5-34-54	14-20-H62-4955
43-013-31311	Z and T UTE TRIBAL 12-22	14-20-H62-3415
43-013-31280	Z and T UTE TRIBAL 2-21	14-20-H62-3414
43-013-31282	Z and T UTE TRIBAL 7-19	14-20-H62-4919
43-013-31310	Z and T UTE TRIBAL 7-25	14-20-H62-3537

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	