API Well Number: 43013512880000

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

FORM 3

AMENDED REPORT ☑

APPLICATION FOR PERMIT TO DRILL

1. WELL NAME and NUMBER
LC FEE 10-28D-56

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

3. FIELD OR WILDCAT
UNDESIGNATED

4. TYPE OF WELL
Oil Well Coalbed Methane Well: NO

5. UNIT or COMMUNITIZATION AGREEMENT NAME

6. NAME OF OPERATOR
BERRY PETROLEUM COMPANY

7. OPERATOR PHONE
303 999-4044

8. ADDRESS OF OPERATOR
4000 South 4028 West Rt 2 Box 7735, Roosevelt, UT, 84066

9. OPERATOR E-MAIL
kao@bry.com

10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)
Fee

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

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

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

14. SURFACE OWNER PHONE (if box 12 = 'fee')
435-733-1502

15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')
P O Box 628, Duchesne, UT 84021

16. SURFACE OWNER E-MAIL (if box 12 = 'fee')

17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')

18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS
YES ■ (Submit Commingling Application) NO ○

19. SLANT
VERTICAL ○ DIRECTIONAL ■ HORIZONTAL ○

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1709 FNL 1243 FEL	SENE	28	5.0 S	6.0 W	U
Top of Uppermost Producing Zone	2170 FSL 1806 FEL	NWSE	28	5.0 S	6.0 W	U
At Total Depth	1980 FSL 1960 FEL	NWSE	28	5.0 S	6.0 W	U

21. COUNTY
DUCHESNE

22. DISTANCE TO NEAREST LEASE LINE (Feet)
243

23. NUMBER OF ACRES IN DRILLING UNIT
640

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

26. PROPOSED DEPTH
MD: 6336 TVD: 5879

27. ELEVATION - GROUND LEVEL
6694

28. BOND NUMBER
RLB0005651

29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE
43-124000

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Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
SURF	12.25	8.625	0 - 650	24.0	J-55 ST&C	9.5	Class G	420	1.15	15.8
PROD	7.875	5.5	0 - 6336	17.0	N-80 LT&C	9.5	Type V	180	3.82	11.0
							Class G	330	1.7	13.1

ATTACHMENTS

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

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

NAME Kathy K. Fieldsted **TITLE** Sr. Regulatory & Permitting Tech. **PHONE** 435 722-1325

SIGNATURE **DATE** 03/06/2012 **EMAIL** kkf@bry.com

API NUMBER ASSIGNED
43013512880000

APPROVAL
Permit Manager

RECEIVED: June 11, 2012

SELF-CERTIFICATION STATEMENT

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

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

LC FEE 10-28D-56
SE ¼, NE ¼, 1709' FNL 1243' FEL, Sec. 28, T5S, R6W, U.S.B.& M.
BHL: NW ¼, SE ¼, 1980' FSL, 1960' FEL
Lease: FEE
Duchesne, County, Utah

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

Operator's Representative and Certification

A) Representative

NAME: Kathy K. Fieldsted

ADDRESS: Berry Petroleum Company
4000 South 4028 West
Route 2, Box 7735
Roosevelt, Utah 84066

PHONE: 435-722-1325

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

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

B) Certification:

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

3/6/2012
DATE

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

CONFIDENTIAL

BERRY PETROLEUM COMPANY
LC FEE 10-28D-56
SE ¼, NE ¼, 1709' FNL 1243' FEL, Sec. 28, T5S, R6W, U.S.B.& M.
BHL: NW ¼, SE ¼, 1980' FSL, 1960' FEL
Duchesne County, Utah

ONSHORE ORDER NO. 1

DRILLING PROGRAM

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

FORMATION	DRILL DEPTH * @ SHL (TVD)	DRILL DEPTH * @ BHL (TVD)	Measured Depth
Uinta Fm	Surface	Surface	
Green River	376'	306'	376'
Green River Upper Marker	899'	854'	899'
Mahogany	1,459'	1,401'	1,482'
Tgr3	2,458'	2,388'	2,669'
*Douglas Creek	3,225'	3,153'	3,574'
Black Shale	3,841'	3,765'	4,226'
*Castle Peak	4,140'	4,066'	4,529'
*Uteland Butte	4,519'	4,449'	4,908'
Wasatch	4,747'	4,679'	5,136'
*CR-6 (base U Wasatch)	5,947'	5,879'	6,336'
TD	5,947'	5,879'	6,336'
Base of Moderate Saline Water	5,528'	5,654'	

*PROSPECTIVE PAY

Berry is locating the well at the proposed surface location and directionally drilling to the proposed bottom hole location. By drilling directionally, Berry Petroleum Company will improve field development efficiency by potentially combining multiple surface hole locations together. This will significantly reduce total surface disturbance plus combine the use of access roads and existing pipelines. Furthermore, Berry hereby certifies that it is the sole working interest owner with 460 feet of the entire directional well bore and the remainder of the Ute Tribal section.

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Berry Petroleum Company
LC FEE 10-28D-56

Drilling Program
Duchesne County, UT

C Pressure Control Equipment : (Schematic Attached)

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc. A 3M system will be utilized. The attached diagram depicts the use of an annular in conjunction with double rams. However, an annular, double rams or both may be used depending on the drilling rig contracted.

Chart recorders will be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a representative upon request.

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

Depth Intervals	BOP Equipment
0 – 650'	No Pressure Control
650' – 6336'	11" 3000# Ram Type BOP 11" 3000# Annular BOP

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D,E Proposed Casing and Cementing Program

Purpose	Depth	Hole Size	Casing Size	Type	Connection	Weight
Surface	650'	12.25"	8-5/8"	J-55	ST&C	24#
Production	6336'	7.875"	5-1/2"	N-80	LT&C	17#

Surface	Type & Amount
0' – 650'	Approximately 420 SX Premium Plus (Class G) + additives or a similar slurry with a minimum weight of 15.8 #/gal and approximate yield of 1.15 cuft/sx, minimum 24 hr compressive strength = 500 psi (Cement will be circulated to surface and topped off, if necessary.)

Production	Type & Amount
0' – 3500'	Lead: +/- 180 sx Premium Type V + additives or similar slurry with a minimum weight of 11.0 #/gal and approximate yield of 3.82 cuft/sx
3500' – 6336'	Tail: +/- 330 sx Premium Lite Tail + additives or similar slurry with a minimum weight of 13.1 #/gal and approximate yield of 1.70cuft/sk.

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

F Drilling Fluids Program

Interval	Weight	Viscosity	Fluid Loss	Remarks
0' – 650'	8.4 – 9.5	27	NC	DAP Mud
650'-6336'	8.4 – 9.5	27	NC	DAP Water

G Evaluation Program

Logging Program: HRI-GR-SP with SDL-DSN-PE: surface casing to TD. Preserve samples from all show intervals.

Sampling: 10' dry cut samples: Douglas Creek to TD. Preserve samples From all show intervals.

Surveys: As deemed necessary

Mud Logger: As deemed necessary

Drill Stem Tests: As deemed necessary

Cores: As deemed necessary

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H Anticipated Abnormal Pressures or Temperatures

No abnormal temperatures or pressures or other hazards are anticipated.

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

Maximum anticipated bottom hole pressure equals approximately 2904 psi* and maximum anticipated surface pressure equals approximately 1611**psi (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)
**Maximum surface pressure = A – (0.22xTD)

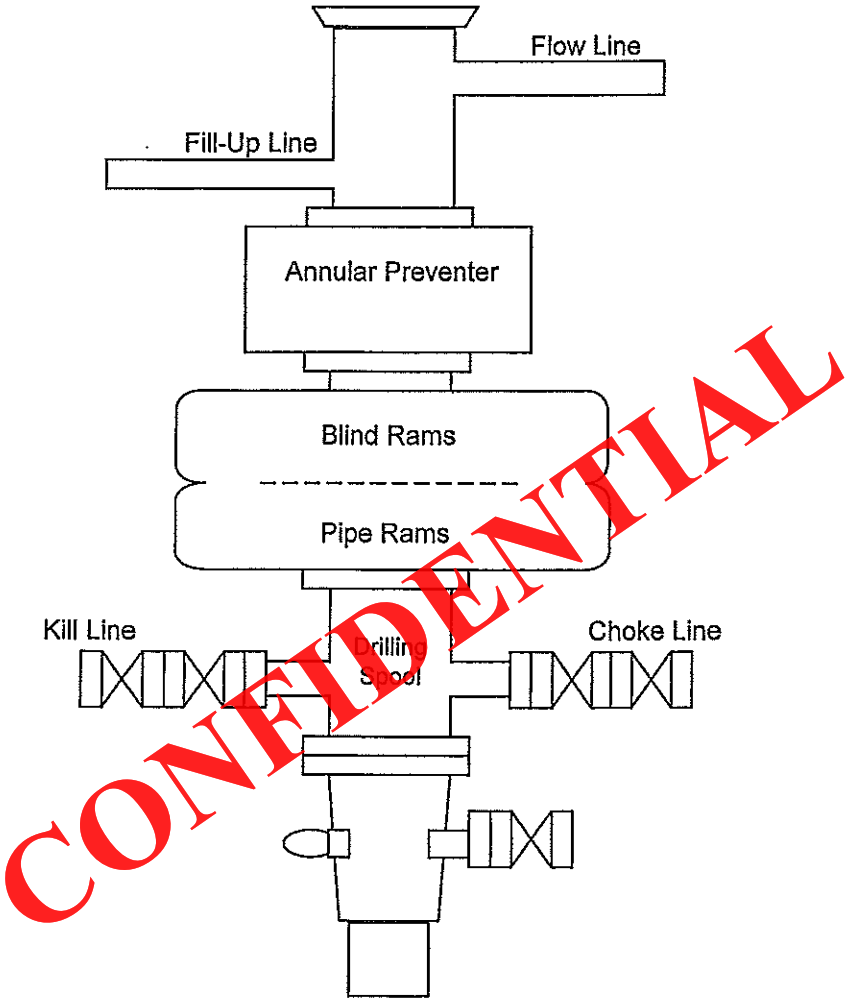
I Anticipated Starting Dates and Notification of Operations

Drilling Activity:

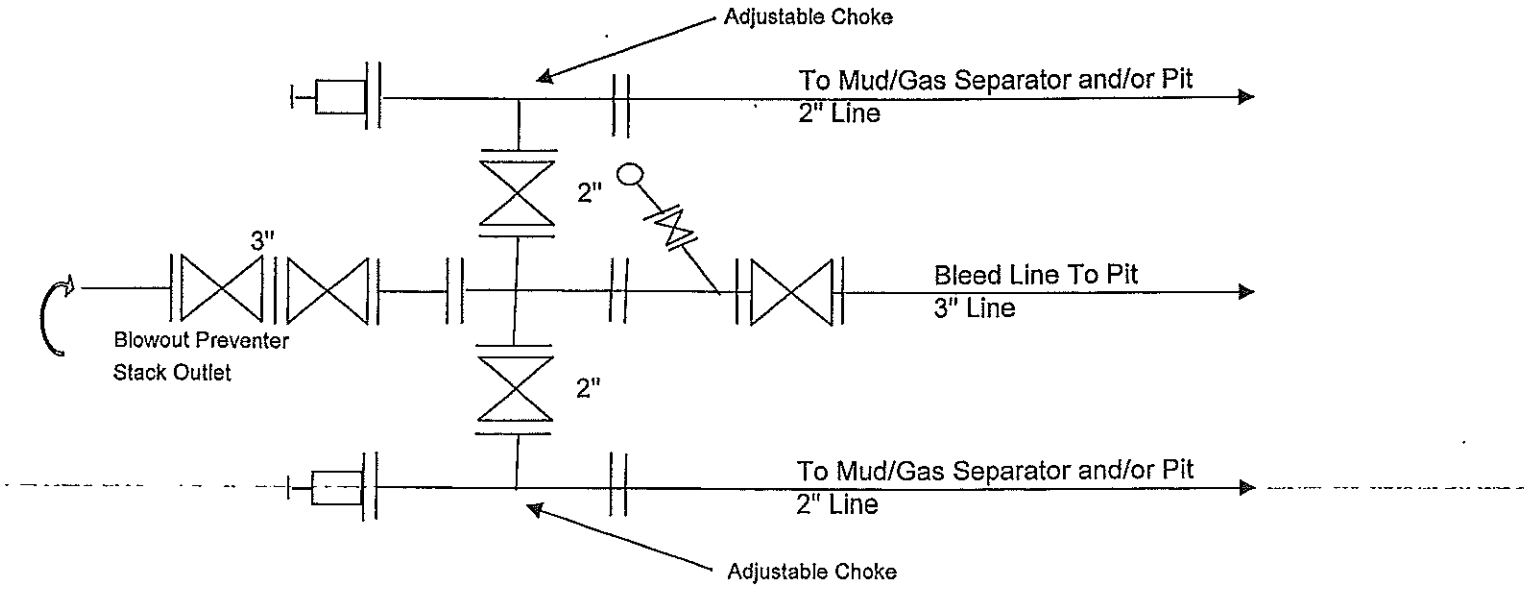
Anticipated Commencement Date:	Upon approval of the APD.
Drilling Days:	Approximately 10 days.
Completion Days:	Approximately 7 days.

API Well Number: 43013512880000

SCHEMATIC DIAGRAM OF 3,000 PSI BOP STACK

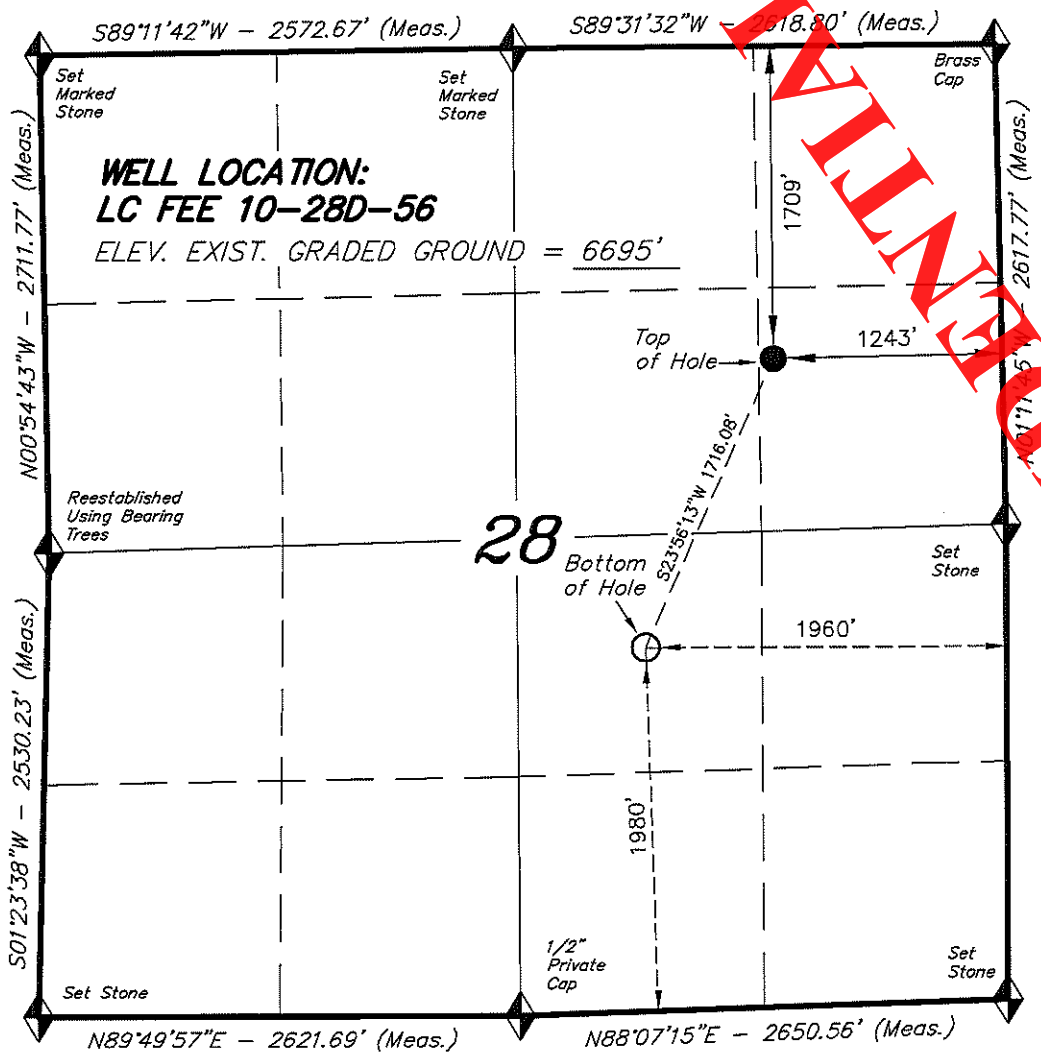


CONFIDENTIAL



API Well Number: 43013512880000

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



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BERRY PETROLEUM COMPANY

WELL LOCATION, LC FEE 10-28D-56, LOCATED AS SHOWN IN THE SE 1/4 NE 1/4 OF SECTION 28, T5S, R6W, U.S.B.&M. DUCHESNE COUNTY, UTAH.

1000' 500' 0' 1000'
BAR SCALE

N

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

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

REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

REGISTERED LAND SURVEYOR
No. 189377
03-01-12
STACY W. STEWART
STATE OF UTAH

= SECTION CORNERS LOCATED

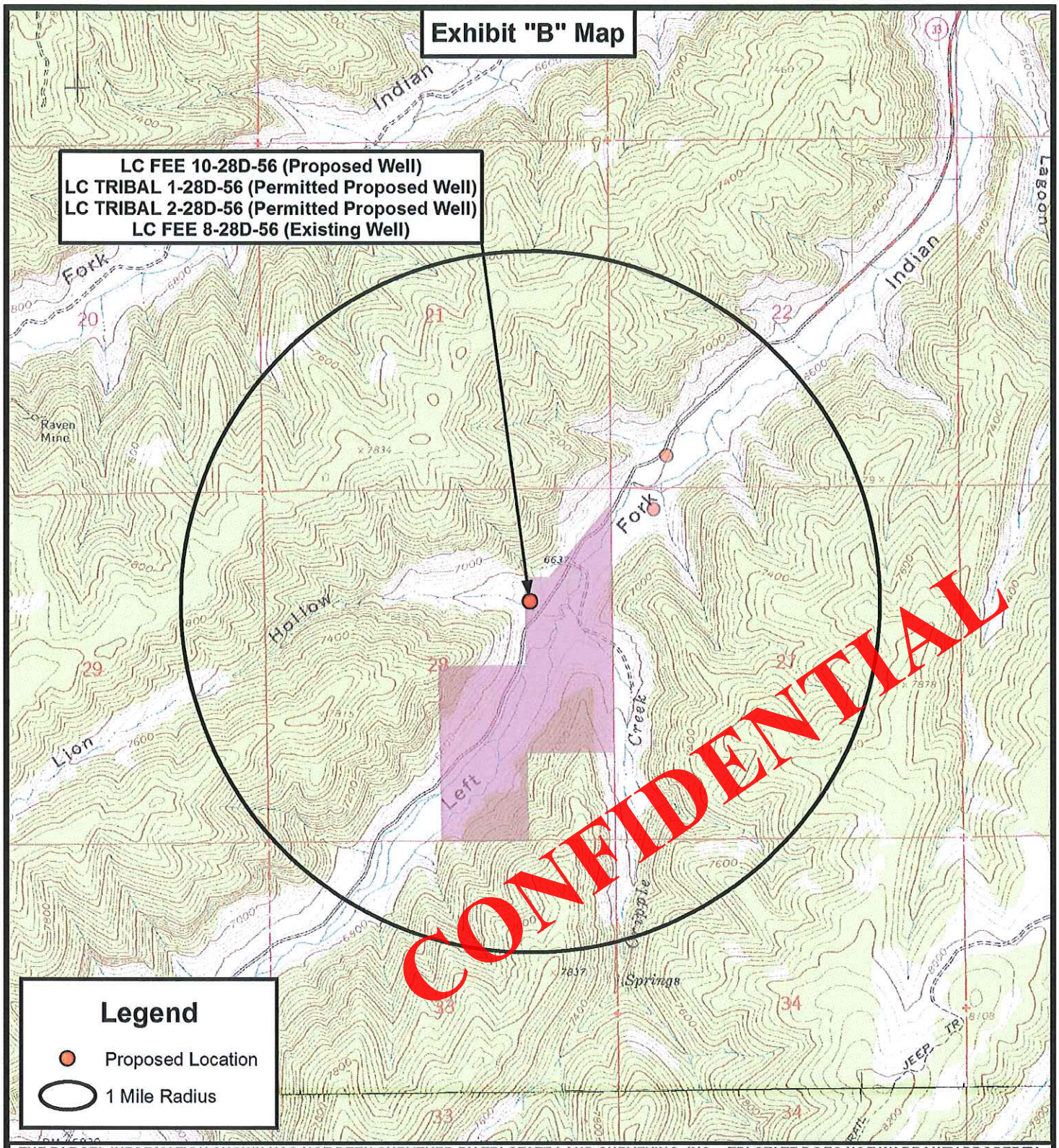
BASIS OF ELEV; Elevations are base on an N.G.S. OPUS Correction. LOCATION: LAT. 39°58'55.06" LONG. 110°22'05.00" (Tristate Aluminum Cap) Elev. 7307.99'

NAD 83 (SURFACE LOCATION)		
LATITUDE =	40°01'12.55"	(40.020153)
LONGITUDE =	110°33'35.55"	(110.559875)
NAD 27 (SURFACE LOCATION)		
LATITUDE =	40°01'12.69"	(40.020192)
LONGITUDE =	110°33'32.99"	(110.559165)
NAD 83 (BOTTOM HOLE LOCATION)		
LATITUDE =	40°00'57.13"	(40.015869)
LONGITUDE =	110°33'44.70"	(110.562417)
NAD 27 (BOTTOM HOLE LOCATION)		
LATITUDE =	40°00'57.27"	(40.015909)
LONGITUDE =	110°33'42.14"	(110.561707)

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

DATE SURVEYED: 02-28-12	SURVEYED BY: S.Y.
DATE DRAWN: 03-01-12	DRAWN BY: L.C.S.
REVISED:	SCALE: 1" = 1000'

API Well Number: 43013512880000



THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

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

N

BERRY PETROLEUM COMPANY

LC FEE 10-28D-56 (Proposed Well)
LC TRIBAL 1-28D-56, 2-28D-56 (Permitted Proposed Wells)
LC FEE 8-28D-56 (Existing Well)
SEC. 28, T5S, R6W, U.S.B.&M. Duchesne County, UT.

DRAWN BY:	J.A.S.	REVISED:	03-01-2012 J.A.S.
DATE:	05-06-2011		
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET D

API Well Number: 43013512880000

Well Planning Proposal

FOR

Berry Petroleum Co.
LC FEE 10-28D-56
Duchesne Co., UT

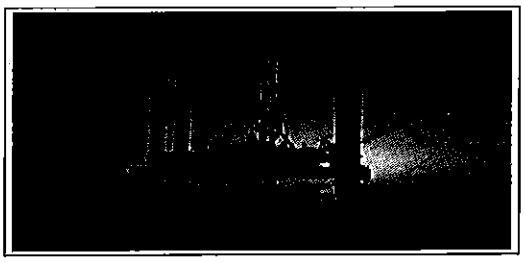
CONFIDENTIAL

Well File: Design #1 (3/5/12)

Presented By:

Pat Rasmussen
Regional Manager

Bret Wolford
Well Planner



Shareweil Energy Services, LP

API Well Number: 43013512880000

Berry Petroleum Company
Project: Duchesne Co., UT (UT27C)
Site: Sec.28-T6S-R6W
Well: LC FEE 10-28D-56
Wellbore: Wellbore #1
Design: Design #1
Latitude: 40° 1' 12.691 N
Longitude: 110° 33' 32.994 W
Ground Level: 6694.00
WELL @ 6712.00usft

Sharewell Energy Services, LP

WELL DETAILS: LC FEE 10-28D-56

Ground Level: 6694.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	615785.871	2263486.290	40° 1' 12.691 N	110° 33' 32.994 W	

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

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
LCF 10-28D-56 Box	5879.00	-1597.59	-732.46	40° 0' 56.901 N	110° 33' 42.409 W	Polygon
LCF 10-28D-56 Tgt	5879.00	-1568.50	-696.26	40° 0' 57.189 N	110° 33' 41.943 W	Point

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	Start Build 3.00
1811.18	36.34	203.94	1731.61	-339.41	-160.66	3.00	203.94	371.35	Start 1329.47 hold at 1811.18 MD
3140.65	36.34	203.94	2802.59	-1059.39	-470.26	0.00	0.00	1159.07	Start Drop -2.00
4957.41	0.00	0.00	4500.00	-1568.50	-696.26	2.00	180.00	1716.09	Start 1379.00 hold at 4957.41 MD
6336.41	0.00	0.00	5879.00	-1568.50	-696.26	0.00	0.00	1716.09	TD at 6336.41

PROJECT DETAILS: Duchesne Co., UT (UT27C)

Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: Utah Central 4302

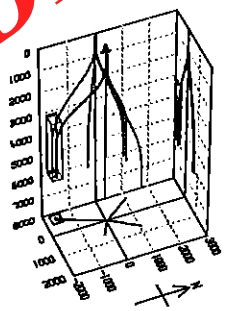
System Datum: Mean Sea Level

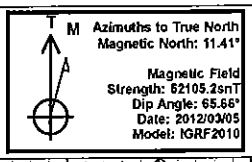
REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well LC FEE 10-28D-56, True North
Vertical (TVD) Reference: WELL @ 6712.00usft
Section (VS) Reference: Slot - (0.00N, 0.00E)
Measured Depth Reference: WELL @ 6712.00usft
Calculation Method: Minimum Curvature

FORMATION TOP DETAILS

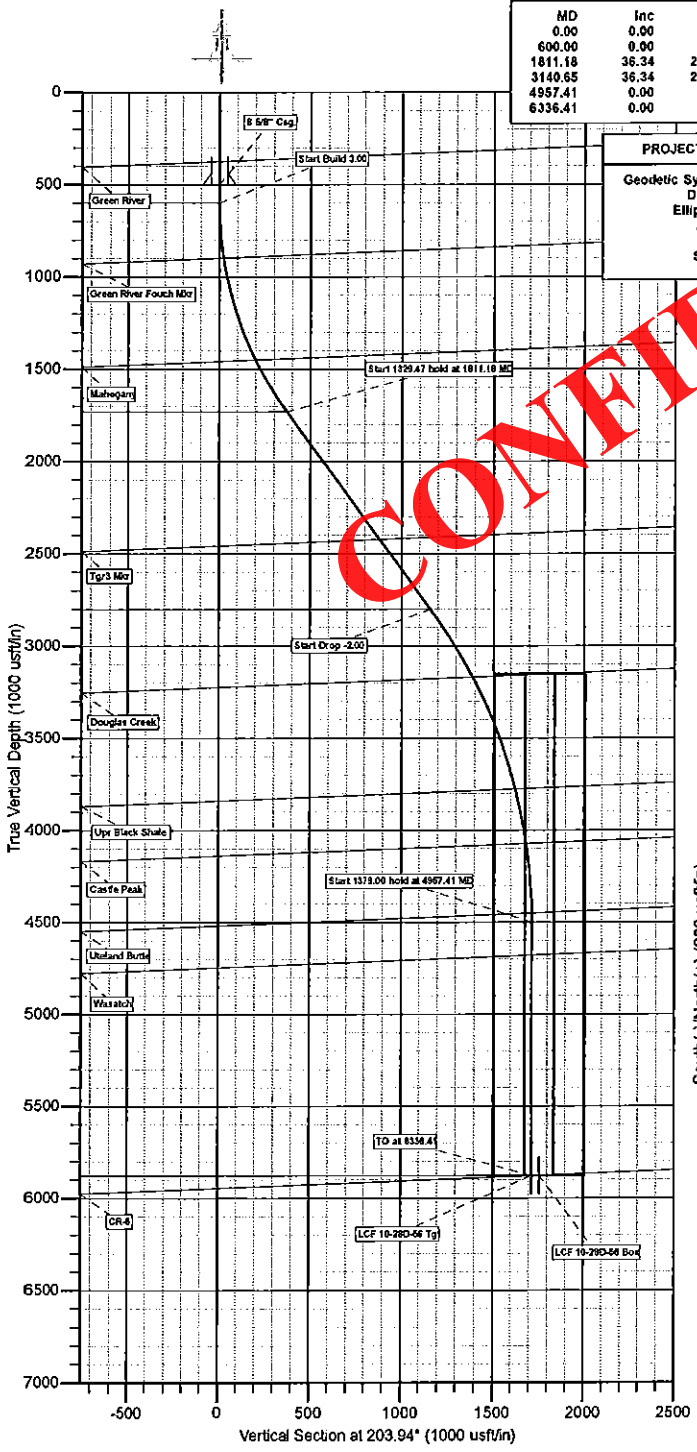
TVDPath	MDPath	Formation
376.00	376.00	Green River
898.07	899.30	Green River Fouch Mkr
1451.07	1482.10	Mahogany
2423.12	2669.59	Tgr3 Mkr
3169.96	3574.26	Douglas Creek
3776.65	4226.15	Upr Black Shale
4073.24	4529.06	Castle Peak
4450.99	4908.40	Uteland Butte
4678.97	5136.39	Wasatch
5878.97	6336.39	CR-6

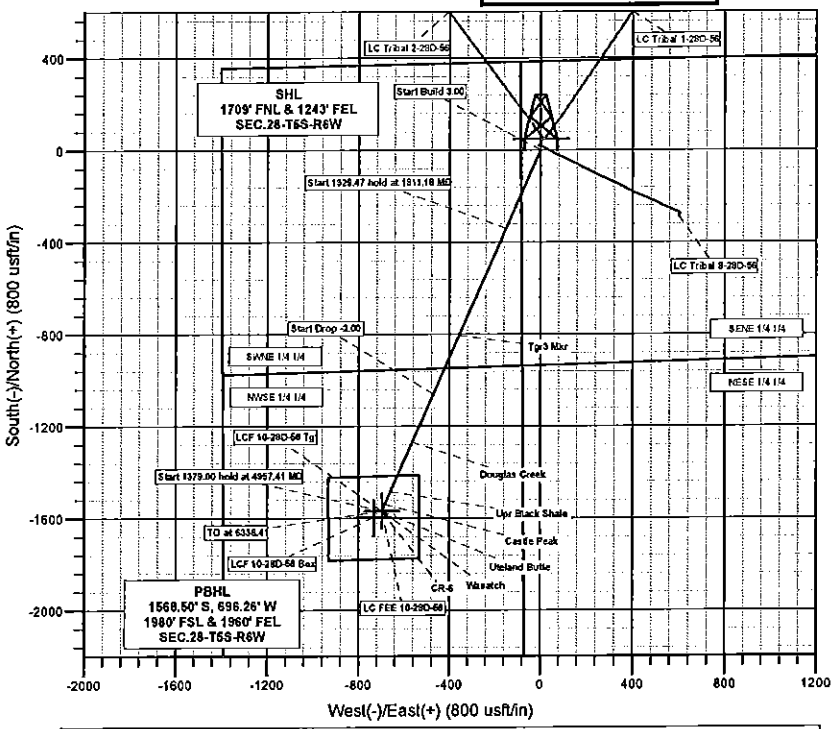




Azimuths to True North
Magnetic North: 11.41°

Magnetic Field
Strength: 52105.2snT
Dip Angle: 65.66°
Date: 2012/03/05
Model: IGRF2010





Plan: Design #1 (LC FEE 10-28D-56/Wellbore #1)

Created By: BRET WOLFORD Date: 14:45, March 05 2012

CONFIDENTIAL

API Well Number: 43013512880000

Berry Petroleum Company

Duchesne Co., UT (UT27C)
Sec.28-T5S-R6W
LC FEE 10-28D-56

Wellbore #1

Plan: Design #1

CONFIDENTIAL

Standard Planning Report

05 March, 2012

Sharewell
Energy Services, LP

Sharewell Energy Services, LP

Planning Report

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well LC FEE 10-28D-56
Company:	Berry Petroleum Company	**TVD Reference:**	WELL @ 6712.00usft
Project:	Duchesne Co., UT (UT27C)	**MD Reference:**	WELL @ 6712.00usft
Site:	Sec.28-T5S-R6W	**North Reference:**	True
Well:	LC FEE 10-28D-56	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project Duchesne Co., UT (UT27C)

Map System:	US State Plane 1927 (Exact solution)	**System Datum:**	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Utah Central 4302		

Site Sec.28-T5S-R6W

Site Position:		**Northing:**	615,642.782 usft	**Latitude:**	40° 1' 13.253 N
From:	Lat/Long	**Easting:**	2,263,493.534 usft	**Longitude:**	110° 33' 32.893 W
Position Uncertainty:	0.00 usft	**Slot Radius:**	13-3/16"	**Grid Convergence:**	0.60 °

Well LC FEE 10-28D-56

Well Position	**+N/-S**	-56.83 usft	**Northing:**	615,795.87[illegible] usft	**Latitude:**	40° 1' 12.691 N
	+E/-W	-7.84 usft	**Easting:**	2,263,486.2[illegible] usft	**Longitude:**	110° 33' 32.994 W
Position Uncertainty		0.00 usft	**Wellhead Elevation:**	usft	**Ground Level:**	6,694.00 usft

Wellbore Wellbore #1

Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2010	03/05/12	11.42	65.66	52,105

Design Design #1

Audit Notes:

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

Vertical Section:	**Depth From (TVD) (usft)**	**+N/-S (usft)**	**+E/-W (usft)**	**Direction (°)**
	0.00	0.00	0.00	203.94

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,811.18	36.34	203.94	1,731.61	-339.41	-150.66	3.00	3.00	0.00	203.94	
3,140.65	36.34	203.94	2,802.59	-1,059.39	-470.26	0.00	0.00	0.00	0.00	
4,957.41	0.00	0.00	4,500.00	-1,568.50	-696.26	2.00	-2.00	0.00	180.00	
6,336.41	0.00	0.00	5,879.00	-1,568.50	-696.26	0.00	0.00	0.00	0.00	

CONFIDENTIAL

Sharewell Energy Services, LP

Planning Report

Sharewell Energy Services, LP

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well LC FEE 10-28D-56
Company:	Berry Petroleum Company	TVD Reference:	WELL @ 6712.00usft
Project:	Duchesne Co., UT (UT27C)	MD Reference:	WELL @ 6712.00usft
Site:	Sec.28-T5S-R6W	North Reference:	True
Well:	LC FEE 10-28D-56	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
Green River									
376.00	0.00	0.00	376.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
8 5/8" Csg.									
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 3.00									
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	3.00	203.94	699.95	-2.39	-1.06	2.62	3.00	3.00	0.00
800.00	6.00	203.94	799.63	-9.58	-4.24	10.46	3.00	3.00	0.00
Green River Fouch Mkr									
899.30	8.98	203.94	898.07	-21.39	-9.50	23.40	3.00	3.00	0.00
900.00	9.00	203.94	898.77	-21.49	-9.54	23.51	3.00	3.00	0.00
1,000.00	12.00	203.94	997.06	-38.15	-16.93	41.74	3.00	3.00	0.00
1,100.00	15.00	203.94	1,094.31	-59.48	-26.40	65.08	3.00	3.00	0.00
1,200.00	18.00	203.94	1,190.18	-85.44	-37.93	93.48	3.00	3.00	0.00
1,300.00	21.00	203.94	1,284.43	-115.94	-51.47	126.85	3.00	3.00	0.00
1,400.00	24.00	203.94	1,376.81	-150.92	-66.99	165.12	3.00	3.00	0.00
Mahogany									
1,462.10	26.86	203.94	1,451.07	-182.90	-81.19	200.11	3.00	3.00	0.00
1,500.00	27.00	203.94	1,467.06	-190.26	-84.46	208.16	3.00	3.00	0.00
1,600.00	30.00	203.94	1,554.93	-233.87	-103.81	255.87	3.00	3.00	0.00
1,700.00	33.00	203.94	1,640.18	-281.62	-125.01	308.12	3.00	3.00	0.00
1,800.00	36.00	203.94	1,722.59	-333.38	-147.99	364.75	3.00	3.00	0.00
Start 1329.47 hold at 1811.18 MD									
1,811.18	36.34	203.94	1,731.61	-339.41	-150.66	371.35	3.00	3.00	0.00
1,900.00	36.34	203.94	1,803.16	-387.51	-172.02	423.98	0.00	0.00	0.00
2,000.00	36.34	203.94	1,883.72	-441.67	-196.06	483.23	0.00	0.00	0.00
2,100.00	36.34	203.94	1,964.28	-495.82	-220.10	542.48	0.00	0.00	0.00
2,200.00	36.34	203.94	2,044.83	-549.98	-244.14	601.73	0.00	0.00	0.00
2,300.00	36.34	203.94	2,125.39	-604.13	-268.18	660.98	0.00	0.00	0.00
2,400.00	36.34	203.94	2,205.94	-658.29	-292.21	720.23	0.00	0.00	0.00
2,500.00	36.34	203.94	2,286.50	-712.44	-316.25	779.48	0.00	0.00	0.00
2,600.00	36.34	203.94	2,367.06	-766.60	-340.29	838.73	0.00	0.00	0.00
Tgr3 Mkr									
2,669.59	36.34	203.94	2,423.12	-804.28	-357.02	879.97	0.00	0.00	0.00
2,700.00	36.34	203.94	2,447.61	-820.75	-364.33	897.98	0.00	0.00	0.00
2,800.00	36.34	203.94	2,528.17	-874.91	-388.37	957.23	0.00	0.00	0.00
2,900.00	36.34	203.94	2,608.73	-929.06	-412.41	1,016.48	0.00	0.00	0.00
3,000.00	36.34	203.94	2,689.28	-983.22	-436.45	1,075.74	0.00	0.00	0.00
3,100.00	36.34	203.94	2,769.84	-1,037.37	-460.49	1,134.99	0.00	0.00	0.00
Start Drop -2.00									
3,140.65	36.34	203.94	2,802.59	-1,059.39	-470.26	1,159.07	0.00	0.00	0.00
3,200.00	35.15	203.94	2,850.76	-1,091.07	-484.33	1,193.74	2.00	-2.00	0.00
3,300.00	33.15	203.94	2,933.51	-1,142.38	-507.10	1,249.87	2.00	-2.00	0.00
3,400.00	31.15	203.94	3,018.17	-1,191.01	-528.69	1,303.08	2.00	-2.00	0.00
3,500.00	29.15	203.94	3,104.64	-1,236.91	-549.07	1,353.30	2.00	-2.00	0.00
Douglas Creek									
3,574.26	27.66	203.94	3,169.96	-1,269.20	-563.40	1,388.62	2.00	-2.00	0.00
3,600.00	27.15	203.94	3,192.81	-1,280.03	-568.21	1,400.47	2.00	-2.00	0.00

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Sharewell Energy Services, LP

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well LC FEE 10-28D-56
Company:	Berry Petroleum Company	TVD Reference:	WELL @ 6712.00usft
Project:	Duchesne Co., UT (UT27C)	MD Reference:	WELL @ 6712.00usft
Site:	Sec.28-T5S-R6W	North Reference:	True
Well:	LC FEE 10-28D-56	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
3,700.00	25.15	203.94	3,282.57	-1,320.30	-586.09	1,444.54	2.00	-2.00	0.00
3,800.00	23.15	203.94	3,373.82	-1,357.69	-602.68	1,485.45	2.00	-2.00	0.00
3,900.00	21.15	203.94	3,466.43	-1,392.15	-617.98	1,523.15	2.00	-2.00	0.00
4,000.00	19.15	203.94	3,560.31	-1,423.63	-631.95	1,557.59	2.00	-2.00	0.00
4,100.00	17.15	203.94	3,655.33	-1,452.10	-644.59	1,588.74	2.00	-2.00	0.00
4,200.00	15.15	203.94	3,751.38	-1,477.52	-655.87	1,616.55	2.00	-2.00	0.00
Upr Black Shale									
4,226.15	14.63	203.94	3,776.65	-1,483.66	-658.60	1,623.27	2.00	-2.00	0.00
4,300.00	13.15	203.94	3,848.34	-1,499.86	-665.79	1,640.99	2.00	-2.00	0.00
4,400.00	11.15	203.94	3,946.10	-1,519.09	-674.33	1,662.03	2.00	-2.00	0.00
4,500.00	9.15	203.94	4,044.53	-1,535.19	-681.48	1,679.65	2.00	-2.00	0.00
Castle Peak									
4,529.06	8.57	203.94	4,073.24	-1,539.26	-683.29	1,684.13	2.00	-2.00	0.00
4,600.00	7.15	203.94	4,143.51	-1,548.15	-687.23	1,693.82	2.00	-2.00	0.00
4,700.00	5.15	203.94	4,242.93	-1,557.94	-691.57	1,704.53	2.00	-2.00	0.00
4,800.00	3.15	203.94	4,342.66	-1,564.65	-694.51	1,711.77	2.00	-2.00	0.00
4,900.00	1.15	203.94	4,442.53	-1,567.97	-696.03	1,715.52	2.00	-2.00	0.00
Uteland Butte									
4,908.40	0.98	203.94	4,450.99	-1,568.12	-696.09	1,715.67	2.00	-2.00	0.00
Start 1379.00 hold at 4957.41 MD									
4,957.41	0.00	0.00	4,500.00	-1,568.50	-696.26	1,716.09	2.00	-2.00	0.00
5,000.00	0.00	0.00	4,542.59	-1,568.50	-696.26	1,716.09	0.00	0.00	0.00
5,100.00	0.00	0.00	4,642.59	-1,568.50	-696.26	1,716.09	0.00	0.00	0.00
Wasatch									
5,136.39	0.00	0.00	4,678.97	-1,568.50	-696.26	1,716.09	0.00	0.00	0.00
5,200.00	0.00	0.00	4,742.59	-1,568.50	-696.26	1,716.09	0.00	0.00	0.00
5,300.00	0.00	0.00	4,842.59	-1,568.50	-696.26	1,716.09	0.00	0.00	0.00
5,400.00	0.00	0.00	4,942.59	-1,568.50	-696.26	1,716.09	0.00	0.00	0.00
5,500.00	0.00	0.00	5,042.59	-1,568.50	-696.26	1,716.09	0.00	0.00	0.00
5,600.00	0.00	0.00	5,142.59	-1,568.50	-696.26	1,716.09	0.00	0.00	0.00
5,700.00	0.00	0.00	5,242.59	-1,568.50	-696.26	1,716.09	0.00	0.00	0.00
5,800.00	0.00	0.00	5,342.59	-1,568.50	-696.26	1,716.09	0.00	0.00	0.00
5,900.00	0.00	0.00	5,442.59	-1,568.50	-696.26	1,716.09	0.00	0.00	0.00
6,000.00	0.00	0.00	5,542.59	-1,568.50	-696.26	1,716.09	0.00	0.00	0.00
6,100.00	0.00	0.00	5,642.59	-1,568.50	-696.26	1,716.09	0.00	0.00	0.00
6,200.00	0.00	0.00	5,742.59	-1,568.50	-696.26	1,716.09	0.00	0.00	0.00
6,300.00	0.00	0.00	5,842.59	-1,568.50	-696.26	1,716.09	0.00	0.00	0.00
CR-6									
6,336.39	0.00	0.00	5,878.97	-1,568.50	-696.26	1,716.09	0.00	0.00	0.00
TD at 6336.41 - LCF 10-28D-56 Box - LCF 10-28D-56 Tgt									
6,336.41	0.00	0.00	5,879.00	-1,568.50	-696.26	1,716.09	0.00	0.00	0.00

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Sharewell Energy Services, LP

Planning Report

Sharewell Energy Services, LP

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well LC FEE 10-28D-56
Company:	Berry Petroleum Company	**TVD Reference:**	WELL @ 6712.00usft
Project:	Duchesne Co., UT (UT27C)	**MD Reference:**	WELL @ 6712.00usft
Site:	Sec.28-T5S-R6W	**North Reference:**	True
Well:	LC FEE 10-28D-56	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
LCF 10-28D-56 Box	0.00	0.00	5,879.00	-1,597.59	-732.46	614,180.665	2,262,770.675	40° 0' 56.901 N	110° 33' 42.409 W
- plan misses target center by 46.44usft at 6336.41usft MD (5879.00 TVD, -1568.50 N, -696.26 E)									
- Polygon									
Point 1			5,879.00	175.10	-200.60	614,353.65	2,262,569.24		
Point 2			5,879.00	186.70	197.90	614,369.44	2,262,966.60		
Point 3			5,879.00	-176.20	201.10	614,006.59	2,262,973.62		
Point 4			5,879.00	-185.60	-198.50	613,992.99	2,262,574.14		
Point 5			5,879.00	175.10	-200.60	614,353.65	2,262,569.24		
LCF 10-28D-56 Tgt	0.00	0.00	5,879.00	-1,568.50	-696.26	614,210.134	2,262,806.567	40° 0' 57.189 N	110° 33' 41.943 W
- plan hits target center									
- Point									

Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
500.00	500.00	8 5/8" Csg.	8-5/8	12-1/4

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
376.00	376.00	Green River		-2.27	203.94
899.30	899.00	Green River Fouch Mkr		-2.27	203.94
1,482.10	1,459.00	Mahogany		-2.27	203.94
2,669.59	2,458.00	Tgr3 Mkr		-2.27	203.94
3,574.26	3,225.00	Douglas Creek		-2.27	203.94
4,226.15	3,841.00	Upr Black Shale		-2.27	203.94
4,529.06	4,140.00	Castle Peak		-2.27	203.94
4,908.40	4,519.00	Uteland Butte		-2.27	203.94
5,136.39	4,747.00	Wasatch		-2.27	203.94
6,336.39	5,947.00	CR-6		-2.27	203.94

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	+E/-W (usft)	Comment
600.00	600.00	0.00	0.00	Start Build 3.00
1,811.18	1,731.61	-339.41	-150.66	Start 1329.47 hold at 1811.18 MD
3,140.65	2,802.59	-1,059.39	-470.26	Start Drop -2.00
4,957.41	4,500.00	-1,568.50	-696.26	Start 1379.00 hold at 4957.41 MD
6,336.41	5,879.00	-1,568.50	-696.26	TD at 6336.41

CONFIDENTIAL

API Well Number: 43013512880000

Berry Petroleum Company

Duchesne Co., UT (UT27C)
Sec.28-T5S-R6W
LC FEE 10-28D-56

Wellbore #1
Design #1

CONFIDENTIAL

Anticollision Report

05 March, 2012

Sharewell
Energy Services, LP

Sharewell Energy Services, LP

Anticollision Report

Company:	Berry Petroleum Company	Local Co-ordinate Reference:	Well LC FEE 10-28D-56
Project:	Duchesne Co., UT (UT27C)	TVD Reference:	WELL @ 6712.00usft
Reference Site:	Sec.28-T5S-R6W	MD Reference:	WELL @ 6712.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	LC FEE 10-28D-56	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.1 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 9,999.98 usft	Error Surface:	Elliptical Conic
Warning Levels Evaluated at:	2.00 Sigma	Casing Method:	Not applied

Survey Tool Program Date 03/05/12

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.00	6,336.41	Design #1 (Wellbore #1)	MWD	MWD - Standard

Summary

Site Name / Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Sec.28-T5S-R6W						
LC Tribal 1-28D-56 - Wellbore #1 - Design #2	600.00	595.00	38.25	35.82	15.772	CC, ES
LC Tribal 1-28D-56 - Wellbore #1 - Design #2	700.00	693.93	41.81	38.96	14.680	SF
LC Tribal 2-28D-56 - Wellbore #1 - Design #1	600.00	598.00	57.37	54.93	23.588	CC, ES
LC Tribal 2-28D-56 - Wellbore #1 - Design #1	700.00	696.14	61.34	58.48	21.475	SF
LC Tribal 8-28D-56 - Wellbore #1 - Wellbore #1	0.00	0.00	21.85			
LC Tribal 8-28D-56 - Wellbore #1 - Wellbore #1	600.00	599.97	22.26	20.36	11.703	ES
LC Tribal 8-28D-56 - Wellbore #1 - Wellbore #1	700.00	700.21	24.15	21.82	10.367	SF

Offset Design Sec.28-T5S-R6W - LC Tribal 1-28D-56 - Wellbore #1 - Design #2

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

Survey Program: 0-MWD

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	5.00	0.00	0.00	-0.84	38.25	-0.56	38.58				
100.00	100.00	95.00	100.00	0.09	0.09	-0.84	38.25	-0.56	38.25	38.07	0.18	207.913	
200.00	200.00	195.00	200.00	0.32	0.31	-0.84	38.25	-0.56	38.25	37.62	0.63	60.995	
300.00	300.00	295.00	300.00	0.54	0.53	-0.84	38.25	-0.56	38.25	37.17	1.08	35.627	
400.00	400.00	395.00	400.00	0.77	0.76	-0.84	38.25	-0.56	38.25	36.72	1.53	25.063	
500.00	500.00	495.00	500.00	0.99	0.98	-0.84	38.25	-0.56	38.25	36.27	1.98	19.360	
600.00	600.00	595.00	600.00	1.22	1.21	-0.84	38.25	-0.56	38.25	35.82	2.43	15.772	CC, ES
700.00	699.95	693.93	698.90	1.42	1.43	2.85	39.35	1.02	41.81	38.96	2.85	14.680	SF
800.00	799.63	791.64	796.41	1.61	1.65	11.06	42.84	6.00	53.49	50.22	3.27	16.373	
900.00	898.77	886.53	890.79	1.84	1.88	18.12	49.00	13.53	74.60	70.90	3.71	20.127	
1,000.00	997.08	977.91	981.26	2.13	2.12	22.28	58.19	22.55	105.30	101.15	4.15	25.362	
1,100.00	1,094.31	1,064.89	1,066.85	2.50	2.39	24.56	69.87	32.70	144.84	140.25	4.59	31.550	
1,200.00	1,190.18	1,146.68	1,146.76	2.96	2.68	25.78	83.46	43.65	192.63	187.51	5.02	38.351	
1,300.00	1,284.43	1,222.74	1,220.46	3.52	2.98	26.43	98.35	55.03	247.70	242.27	5.44	45.550	
1,400.00	1,376.81	1,292.66	1,287.65	4.17	3.30	26.75	113.94	66.50	309.71	303.87	5.84	52.991	
1,500.00	1,467.06	1,356.25	1,348.22	4.93	3.62	26.89	129.69	77.76	377.90	371.66	6.24	60.550	
1,600.00	1,554.93	1,413.46	1,402.23	5.78	3.93	26.91	145.12	88.56	451.62	444.99	6.63	68.139	
1,700.00	1,640.18	1,468.20	1,453.47	6.73	4.26	26.89	161.00	99.48	530.25	523.24	7.02	75.560	
1,800.00	1,722.59	1,520.00	1,501.73	7.76	4.58	26.84	176.54	110.09	612.69	605.31	7.38	82.967	
1,811.18	1,731.61	1,526.05	1,507.37	7.88	4.62	26.84	178.35	111.32	622.09	614.67	7.43	83.778	
1,900.00	1,803.16	1,573.92	1,551.97	8.85	4.92	26.80	192.71	121.12	696.91	689.02	7.89	88.351	

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

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Sharewell Energy Services, LP

Anticollision Report

Company:	Berry Petroleum Company	Local Co-ordinate Reference:	Well LC FEE 10-28D-56
Project:	Duchesne Co., UT (UT27C)	TVD Reference:	WELL @ 6712.00usft
Reference Site:	Sec.28-T5S-R6W	MD Reference:	WELL @ 6712.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	LC FEE 10-28D-56	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.1 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Reference Datum

Offset Design Sec.28-T5S-R6W - LC Tribal 1-28D-56 - Wellbore #1 - Design #2

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

Survey Program: 0-MWD

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
2,000.00	1,883.72	1,627.81	1,602.19	9.96	5.27	26.77	208.88	132.15	761.15	772.75	6.40	92.992	
2,100.00	1,964.28	1,681.70	1,652.40	11.07	5.63	26.75	225.04	143.19	865.38	856.46	8.92	97.019	
2,200.00	2,044.83	1,735.60	1,702.61	12.19	5.98	26.72	241.21	154.22	949.62	940.17	9.45	100.516	
2,300.00	2,125.39	1,789.49	1,752.83	13.31	6.35	26.71	257.37	165.25	1,033.85	1,023.87	[illegible]	103.588	
2,400.00	2,205.94	1,843.38	1,803.04	14.44	6.71	26.69	273.54	176.28	1,118.09	1,107.56	10.52	106.265	
2,500.00	2,286.50	1,897.27	1,853.25	15.57	7.08	26.68	289.70	187.31	1,202.32	1,191.20	11.06	108.669	
2,600.00	2,367.06	1,951.17	1,903.47	16.70	7.44	26.67	305.87	198.34	1,286.56	1,274.94	11.61	110.777	
2,700.00	2,447.61	2,005.06	1,953.68	17.83	7.81	26.66	322.03	[illegible]	1,370.79	1,358.63	12.16	112.692	
2,800.00	2,528.17	2,058.95	2,003.89	18.96	8.18	26.65	338.20	220.40	1,455.03	1,442.31	12.72	114.393	
2,900.00	2,608.73	2,112.84	2,054.11	20.10	8.56	26.64	354.36	231.44	1,539.26	1,525.99	13.28	115.946	
3,000.00	2,689.28	2,166.74	2,104.32	21.23	8.93	26.63	370.53	242.47	1,623.50	1,609.66	13.84	117.343	
3,100.00	2,769.84	2,220.63	2,154.53	22.37	9.30	26.63	386.69	253.50	1,707.73	1,693.34	14.40	118.622	
3,140.65	2,802.59	2,242.54	2,174.95	22.83	9.46	26.62	393.2[illegible]	257.98	1,741.97	1,727.35	14.63	119.105	
3,200.00	2,850.76	2,275.04	2,205.23	23.41	9.68	26.62	[illegible]	264.64	1,791.63	1,776.60	15.03	119.172	
3,300.00	2,933.51	2,332.09	2,258.39	24.22	10.08	26.63	420.13	276.31	1,873.75	1,858.05	15.71	119.308	
3,400.00	3,018.17	2,391.97	2,314.18	25.01	10.50	26.64	438.09	288.57	1,953.84	1,937.47	16.37	119.384	
3,500.00	3,104.64	2,454.59	2,372.53	25.78	10.93	26.66	456.87	301.39	2,031.79	2,014.77	17.02	119.406	
3,600.00	3,192.81	2,519.89	2,433.37	[illegible]	11.40	26.69	476.46	314.76	2,107.51	2,089.86	17.65	119.399	
3,700.00	3,282.57	2,587.78	2,496.63	27.20	11.87	26.72	496.82	328.65	2,180.92	2,162.65	18.27	119.384	
3,800.00	3,373.82	2,658.19	2,562.22	27.86	12.37	26.76	517.94	343.06	2,251.92	2,233.04	18.87	119.309	
3,900.00	3,466.43	2,731.02	[illegible]	28.47	12.88	26.80	539.79	357.97	2,320.42	2,300.96	19.46	119.244	
4,000.00	3,560.31	2,806.18	2,709.11	29.04	13.41	26.85	562.33	373.36	2,386.34	2,366.32	20.02	119.173	
4,100.00	3,655.33	2,883.59	[illegible]	29.57	13.96	26.90	585.55	389.20	2,449.61	2,428.04	20.57	119.097	
4,200.00	3,751.38	2,963.15	2,846.36	30.04	14.52	26.96	609.41	405.49	2,510.14	2,489.05	21.09	119.022	
4,300.00	3,848.34	3,044.76	2,922.40	30.47	15.10	27.02	633.89	422.19	2,567.87	2,546.28	21.59	118.952	
4,400.00	3,946.10	3,128.32	3,000.26	30.85	15.69	27.08	658.96	439.30	2,622.72	2,600.66	22.06	118.890	
4,500.00	4,044.53	3,213.74	3,079.85	31.17	16.30	27.15	684.58	456.78	2,674.63	2,652.12	22.51	118.838	
4,600.00	4,143.51	3,300.91	3,161.07	31.45	16.91	27.22	710.73	474.62	2,723.53	2,700.60	22.93	118.797	
4,700.00	4,242.93	3,389.71	3,243.81	31.67	17.54	27.29	737.37	492.80	2,769.37	2,746.05	23.32	118.771	
4,800.00	4,342.66	3,480.06	3,327.98	31.84	18.19	27.37	764.46	511.29	2,812.09	2,788.41	23.68	118.759	
4,900.00	4,442.59	3,611.79	3,450.89	31.95	19.06	27.49	803.63	538.02	2,851.46	2,827.34	24.12	118.218	
4,957.41	4,500.00	3,753.77	3,584.64	31.99	19.81	27.61	842.98	564.86	2,871.14	2,846.63	24.51	117.140	
5,000.00	4,542.59	3,861.46	3,687.03	32.02	20.35	27.69	870.50	583.65	2,884.25	2,859.40	24.85	116.067	
5,100.00	4,642.59	4,120.49	3,938.31	32.08	21.64	27.85	928.55	623.27	2,911.23	2,885.59	25.64	113.555	
5,200.00	4,742.59	4,387.09	4,196.60	32.14	22.67	27.98	976.06	655.69	2,932.69	2,906.29	26.40	111.106	
5,300.00	4,842.59	4,659.74	4,465.78	32.20	23.40	28.08	1,011.63	679.96	2,948.40	2,921.29	27.11	108.762	
5,400.00	4,942.59	4,936.65	4,741.30	32.27	24.02	28.13	1,034.17	695.34	2,958.20	2,930.43	27.77	106.537	
5,500.00	5,042.59	5,215.87	5,020.26	32.33	24.42	28.15	1,042.94	701.33	2,961.98	2,933.62	28.36	104.436	
5,600.00	5,142.59	5,338.18	5,142.59	32.40	24.63	28.16	1,043.05	701.40	2,962.03	2,933.34	28.69	103.229	
5,700.00	5,242.59	5,438.18	5,242.59	32.47	24.63	28.16	1,043.05	701.40	2,962.03	2,933.03	29.00	102.137	
5,800.00	5,342.59	5,538.18	5,342.59	32.54	24.72	28.16	1,043.05	701.40	2,962.03	2,932.72	29.31	101.054	
5,900.00	5,442.59	5,638.18	5,442.59	32.61	24.82	28.16	1,043.05	701.40	2,962.03	2,932.40	29.63	99.982	
6,000.00	5,542.59	5,738.18	5,542.59	32.68	24.92	28.16	1,043.05	701.40	2,962.03	2,932.09	29.94	98.921	
6,100.00	5,642.59	5,838.18	5,642.59	32.76	25.02	28.16	1,043.05	701.40	2,962.03	2,931.77	30.26	97.872	
6,200.00	5,742.59	5,938.18	5,742.59	32.83	25.12	28.16	1,043.05	701.40	2,962.03	2,931.44	30.59	96.835	
6,300.00	5,842.59	6,038.18	5,842.59	32.91	25.22	28.16	1,043.05	701.40	2,962.03	2,931.11	30.92	95.810	
6,338.41	5,879.00	6,074.59	5,879.00	32.94	25.26	28.16	1,043.05	701.40	2,962.03	2,931.00	31.04	95.440	

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

Sharewell Energy Services, LP

Anticollision Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well LC FEE 10-28D-56
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 6712.00usft
Reference Site:	Sec.28-T5S-R6W	**MD Reference:**	WELL @ 6712.00usft
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	LC FEE 10-28D-56	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.1 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Reference Datum

Offset Design Sec.28-T5S-R6W - LC Tribal 2-28D-56 - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-MWD

Offset Well Error: 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	2.00	0.00	0.00	7.86	56.83	7.84	57.40				
100.00	100.00	98.00	100.00	0.09	0.09	7.86	56.83	7.84	57.37	57.18	0.19	305.078	
200.00	200.00	198.00	200.00	0.32	0.32	7.86	56.83	7.84	57.37	56.73	0.63	90.604	
300.00	300.00	298.00	300.00	0.54	0.54	7.86	56.83	7.84	57.37	56.28	[illegible]	52.951	
400.00	400.00	398.00	400.00	0.77	0.77	7.86	56.83	7.84	57.37	[illegible]	1.63	37.423	
500.00	500.00	498.00	500.00	0.99	0.99	7.86	56.83	7.84	[illegible]	[illegible]	1.98	28.937	
600.00	600.00	598.00	600.00	1.22	1.22	7.86	56.83	7.84	57.37	54.93	2.43	23.588	CC, ES
700.00	699.95	696.14	698.11	1.42	1.44	7.20	58.43	[illegible]	61.34	58.48	2.86	21.475	SF
800.00	799.63	793.31	795.09	1.61	1.66	5.62	63.33	2.93	73.38	70.10	3.28	22.385	
900.00	898.77	888.65	889.89	1.84	1.89	3.96	71.[illegible]	-3.11	93.44	89.72	3.72	25.106	
1,000.00	997.08	981.31	981.56	2.13	2.14	2.71	82.07	-11.25	121.34	117.16	4.19	28.978	
1,100.00	1,094.31	1,070.57	1,069.27	2.50	2.43	1.93	9[illegible]	-21.20	156.80	152.12	4.68	33.524	
1,200.00	1,190.18	1,155.78	1,152.35	2.96	2.75	1.5[illegible]	110.[illegible]	-32.62	199.44	194.24	5.19	38.398	
1,300.00	1,284.43	1,236.47	1,230.32	3.52	3.09	1.49	[illegible]	-45.13	248.84	243.10	5.74	43.356	
1,400.00	1,376.81	1,312.24	1,302.84	4.17	3.46	1.67	144.39	-58.39	304.55	298.23	6.31	48.235	
1,500.00	1,467.08	1,382.86	1,369.72	4.93	3.[illegible]	2.02	162.43	-72.04	366.08	359.16	6.92	52.877	
1,600.00	1,554.93	1,448.16	1,430.93	5.78	[illegible]	[illegible].49	180.67	-85.76	432.97	425.40	7.57	57.210	
1,700.00	1,640.18	1,508.09	1,486.51	[illegible]	4.65	3.07	198.44	-99.28	504.71	496.46	8.25	61.167	
1,800.00	1,722.59	1,562.67	1,536.61	7.7[illegible]	5.05	3.71	215.71	-112.35	580.83	571.83	9.00	64.555	
1,811.18	1,731.61	1,568.44	1,541.67	7.88	5.09	3.79	217.60	-113.77	589.59	580.50	9.08	64.903	
1,900.00	1,803.18	1,613.18	1,[illegible].50	8.85	5.42	4.33	232.55	-125.08	659.82	650.04	9.78	67.473	
2,000.00	1,883.72	1,672.04	1,[illegible].63	9.96	5.89	4.59	252.75	-140.36	739.50	728.90	10.60	69.782	
2,100.00	1,964.28	1,732.41	1,69[illegible]	11.07	6.39	4.76	273.47	-156.04	819.19	807.77	11.42	71.722	
2,200.00	2,044.83	1,792.77	1,744.60	12.19	6.88	4.90	294.19	-171.71	898.89	886.63	12.26	73.348	
2,300.00	2,125.39	1,853.13	1,799.09	13.31	7.39	5.02	314.91	-187.39	978.59	965.49	13.10	74.687	
2,400.00	2,205.94	1,913.50	1,853.57	14.44	7.89	5.13	335.64	-203.06	1,058.30	1,044.34	13.95	75.839	
2,500.00	2,286.50	1,973.86	1,908.06	15.57	8.40	5.21	356.36	-218.74	1,138.01	1,123.19	14.82	76.810	
2,600.00	2,367.06	2,034.22	1,962.54	16.70	8.92	5.29	377.08	-234.41	1,217.72	1,202.04	15.68	77.648	
2,700.00	2,447.61	2,094.59	2,017.03	17.83	9.43	5.36	397.80	-250.09	1,297.43	1,280.88	16.55	78.379	
2,800.00	2,528.17	2,154.95	2,071.51	18.96	9.95	5.42	418.52	-265.77	1,377.15	1,359.72	17.43	79.008	
2,900.00	2,608.73	2,215.31	2,126.00	20.10	10.47	5.47	439.25	-281.44	1,456.86	1,438.55	18.31	79.567	
3,000.00	2,689.28	2,275.67	2,180.48	21.23	10.99	5.51	459.97	-297.12	1,536.58	1,517.39	19.19	80.056	
3,100.00	2,769.84	2,336.04	2,234.96	22.37	11.51	5.56	480.69	-312.79	1,616.30	1,596.22	20.08	80.491	
3,140.65	2,802.59	2,360.58	2,257.11	22.83	11.73	5.57	489.11	-319.16	1,648.71	1,628.26	20.44	80.654	
3,200.00	2,850.76	2,396.83	2,289.84	23.41	12.04	5.59	501.56	-328.58	1,695.69	1,674.75	20.94	80.961	
3,300.00	2,933.51	2,459.83	2,346.70	24.22	12.59	5.56	523.19	-344.94	1,773.34	1,751.58	21.77	81.472	
3,400.00	3,016.17	2,525.16	2,405.07	25.01	13.16	5.49	545.61	-361.90	1,849.01	1,826.39	22.62	81.736	
3,500.00	3,104.64	2,592.74	2,466.07	25.78	13.74	5.37	568.81	-379.45	1,922.61	1,899.11	23.50	81.809	
3,600.00	3,192.81	2,662.49	2,529.62	26.51	14.35	5.21	592.76	-397.57	1,994.06	1,969.66	24.40	81.737	
3,700.00	3,282.57	2,734.32	2,594.46	27.20	14.98	5.01	617.42	-416.22	2,063.28	2,037.98	25.30	81.557	
3,800.00	3,373.82	2,808.16	2,661.11	27.86	15.63	4.78	642.77	-435.39	2,130.21	2,104.00	26.20	81.299	
3,900.00	3,466.43	2,883.90	2,729.47	28.47	16.29	4.52	668.77	-455.06	2,194.77	2,167.67	27.10	80.983	
4,000.00	3,560.31	2,961.45	2,799.47	29.04	16.97	4.23	695.39	-475.20	2,256.82	2,228.93	27.99	80.628	
4,100.00	3,655.33	3,040.73	2,871.03	29.57	17.66	3.91	722.61	-495.79	2,316.59	2,287.73	28.87	80.250	
4,200.00	3,751.38	3,121.63	2,944.05	30.04	18.37	3.57	750.38	-516.80	2,373.74	2,344.02	29.72	79.858	
4,300.00	3,848.34	3,272.47	3,081.21	30.47	19.49	2.77	800.42	-554.65	2,427.37	2,396.63	30.84	78.707	
4,400.00	3,946.10	3,449.63	3,245.30	30.85	20.62	1.92	853.65	-594.91	2,475.34	2,443.39	31.94	77.488	
4,500.00	4,044.63	3,637.91	3,422.88	31.17	21.70	1.15	903.50	-632.63	2,517.15	2,484.16	32.99	76.298	
4,600.00	4,143.51	3,836.47	3,613.26	31.45	22.70	0.47	948.45	-668.63	2,552.37	2,518.42	33.95	75.176	
4,700.00	4,242.93	4,044.07	3,815.14	31.67	23.58	-0.09	986.94	-695.74	2,580.58	2,545.78	34.80	74.155	
4,800.00	4,342.66	4,259.09	4,026.68	31.84	24.30	-0.54	1,017.52	-718.88	2,601.45	2,565.94	35.51	73.254	
4,900.00	4,442.59	4,479.55	4,245.46	31.95	24.86	-0.88	1,038.98	-735.11	2,614.69	2,578.61	36.07	72.485	

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

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Sharewell Energy Services, LP

Anticollision Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well LC FEE 10-28D-56
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 6712.00usft
Reference Site:	Sec.28-T5S-R6W	**MD Reference:**	WELL @ 6712.00usft
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	LC FEE 10-28D-56	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.1 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Reference Datum

Offset Design Sec.28-T5S-R6W - LC Tribal 2-28D-56 - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-MWD

Offset Well Error: 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
4,957.41	4,500.00	4,607.71	4,373.24	31.99	25.10	-0.98	1,046.81	-741.03	2,618.76	2,582.44	36.32	72.104	
5,000.00	4,542.59	4,703.17	4,468.59	32.02	25.24	-1.04	1,050.42	-743.76	2,620.39	2,583.89	36.50	71.738	
5,100.00	4,642.59	4,877.19	4,642.59	32.08	25.41	-1.07	1,052.28	-745.17	2,621.23	2,584.43	36.80	71.221	
5,200.00	4,742.59	4,977.19	4,742.59	32.14	25.49	-1.07	1,052.28	-745.17	2,621.23	2,584.21	37.02	70.806	
5,300.00	4,842.59	5,077.19	4,842.59	32.20	25.57	-1.07	1,052.28	-745.17	2,621.23	2,583.99	37.24	70.385	
5,400.00	4,942.59	5,177.19	4,942.59	32.27	25.66	-1.07	1,052.28	-745.17	2,621.23	2,583.77	37.47	69.963	
5,500.00	5,042.59	5,277.19	5,042.59	32.33	25.75	-1.07	1,052.28	-745.17	2,621.23	2,583.54	37.70	69.537	
5,600.00	5,142.59	5,377.19	5,142.59	32.40	25.84	-1.07	1,052.28	-745.17	2,621.23	2,583.30	37.93	69.110	
5,700.00	5,242.59	5,477.19	5,242.59	32.47	25.93	-1.07	1,052.28	-745.17	2,621.23	2,583.07	38.17	68.681	
5,800.00	5,342.59	5,577.19	5,342.59	32.54	26.02	-1.07	1,052.28	-745.17	2,621.23	2,582.83	38.41	68.250	
5,900.00	5,442.59	5,677.19	5,442.59	32.61	26.11	-1.07	1,052.28	-745.17	2,621.23	2,582.58	38.65	67.819	
6,000.00	5,542.59	5,777.19	5,542.59	32.68	26.21	-1.07	1,052.28	-745.17	2,621.23	2,582.33	38.90	67.386	
6,100.00	5,642.59	5,877.19	5,642.59	32.76	26.31	-1.07	1,052.28	-745.17	2,621.23	2,582.08	39.15	66.953	
6,200.00	5,742.59	5,977.19	5,742.59	32.83	26.41	-1.07	1,052.28	-745.17	2,621.23	2,581.83	39.41	66.519	
6,300.00	5,842.59	6,077.19	5,842.59	32.91	26.51	-1.07	1,052.28	-745.17	2,621.23	2,581.57	39.66	66.086	
6,336.41	5,879.00	6,113.81	5,879.00	32.94	26.54	-1.07	1,052.28	-745.17	2,621.23	2,581.47	39.76	65.928	

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Sharewell Energy Services, LP

Anticollision Report

Company:	Berry Petroleum Company	Local Co-ordinate Reference:	Well LC FEE 10-28D-56
Project:	Duchesne Co., UT (UT27C)	TVD Reference:	WELL @ 6712.00usft
Reference Site:	Sec.28-T5S-R6W	MD Reference:	WELL @ 6712.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	LC FEE 10-28D-56	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.1 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Reference Datum

Offset Design Sec.28-T5S-R6W - LC Tribal 8-28D-56 - Wellbore #1 - Wellbore #1

Offset Site Error: 0.00 usft

Survey Program: 575-MWD

Offset Well Error: 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	-21.03	20.40	-7.84	21.85				
100.00	100.00	100.00	100.00	0.09	0.11	-20.89	20.43	-7.79	21.86	21.66	0.20	108.48	
200.00	200.00	199.99	199.99	0.32	0.22	-20.46	20.51	-7.65	21.89	21.35	0.54	40.628	
300.00	300.00	299.99	299.99	0.54	0.33	-19.76	20.65	-7.42	21.94	21.07	0.87	25.202	
400.00	400.00	399.98	399.98	0.77	0.44	-18.78	20.84	-7.09	22.02	20.81	1.20	18.270	
500.00	500.00	499.98	499.97	0.99	0.55	-17.54	21.09	-6.67	22.12	20.58	1.54	14.370	
600.00	600.00	599.97	599.96	1.22	0.69	-16.03	21.40	-6.15	22.25	20.36	1.90	11.703	ES
700.00	699.95	700.21	700.19	1.42	0.91	-8.80	21.47	-4.76	24.15	21.82	2.33	10.367	SF
800.00	799.63	800.36	800.22	1.61	1.13	7.59	19.79	-0.33	29.62	26.87	2.75	10.787	
900.00	898.77	899.55	899.10	1.84	1.37	23.23	16.17	6.62	40.98	37.79	3.19	12.857	
1,000.00	997.08	997.44	996.38	2.13	1.63	33.96	11.16	16.27	59.45	55.79	3.66	16.229	
1,100.00	1,094.31	1,094.32	1,092.34	2.50	1.92	40.29	[illegible]	27.63	83.60	79.42	4.18	20.022	
1,200.00	1,190.18	1,187.84	1,184.62	2.96	2.23	43.77	-3.[illegible]	40.67	114.04	109.30	4.73	24.086	
1,300.00	1,284.43	1,279.20	1,274.38	3.52	2.56	45.65	10.[illegible]	56.09	150.74	145.39	5.35	28.181	
1,400.00	1,376.81	1,369.94	1,363.31	4.17	2.91	46.48	18.70	72.24	192.48	186.49	5.99	32.107	
1,500.00	1,467.06	1,459.72	1,451.34	4.93	3.25	46.52	-26.69	88.02	238.22	231.59	6.63	35.921	
1,600.00	1,554.93	1,545.55	1,535.63	5.78	3.52	45.99	-33.79	102.59	288.10	280.84	7.26	39.668	
1,700.00	1,640.18	1,627.32	1,615.89	6.73	3.82	45.05	-40.29	116.76	342.47	334.54	7.93	43.207	
1,800.00	1,722.59	1,705.40	1,692.43	7.7[illegible]	4.14	44.19	-46.42	130.95	401.33	392.70	8.63	46.522	
1,811.18	1,731.61	1,713.90	1,700.76	7.88	4.17	44.09	-47.06	132.52	406.18	399.48	8.71	46.890	
1,900.00	1,803.16	1,788.29	1,77[illegible].56	8.85	4.48	43.62	-53.25	146.48	462.65	453.24	9.41	49.184	
2,000.00	1,883.72	1,869.51	1,[illegible].82	9.96	4.83	43.30	-61.60	162.12	523.16	512.94	10.22	51.184	
2,100.00	1,964.28	1,948.77	1,[illegible]	11.07	5.18	42.98	-69.46	177.18	583.88	572.84	11.04	52.887	
2,200.00	2,044.83	2,024.40	2,003.92	12.19	5.49	42.71	-77.08	192.44	644.91	633.04	11.87	54.345	
2,300.00	2,125.39	2,105.74	2,083.33	13.31	5.82	42.54	-84.93	208.20	705.88	693.19	12.69	55.604	
2,400.00	2,205.94	2,182.85	2,158.71	14.44	6.13	42.29	-92.10	222.82	766.86	753.35	13.50	56.793	
2,500.00	2,286.50	2,262.52	2,236.68	15.57	6.44	42.08	-99.03	237.61	827.96	813.65	14.31	57.845	
2,600.00	2,367.06	2,345.40	2,317.94	16.70	6.76	41.89	-105.94	252.37	888.89	873.77	15.12	58.782	
2,700.00	2,447.61	2,429.09	2,400.16	17.83	7.08	41.70	-112.79	266.48	949.42	933.49	15.93	59.616	
2,800.00	2,528.17	2,509.26	2,478.89	18.96	7.39	41.51	-119.70	280.03	1,009.71	992.98	16.73	60.343	
2,900.00	2,608.73	2,583.82	2,552.04	20.10	7.69	41.29	-126.02	292.83	1,070.26	1,052.72	17.54	61.028	
3,000.00	2,689.28	2,657.27	2,624.16	21.23	7.99	41.07	-131.83	305.53	1,131.21	1,112.88	18.34	61.694	
3,100.00	2,769.84	2,743.84	2,709.25	22.37	8.32	40.96	-138.22	320.08	1,192.24	1,173.09	19.15	62.264	
3,140.65	2,802.59	2,780.81	2,745.65	22.83	8.45	40.92	-140.95	325.93	1,216.84	1,197.36	19.48	62.477	
3,200.00	2,850.76	2,835.08	2,799.12	23.41	8.64	40.87	-145.09	334.31	1,252.09	1,232.12	19.97	62.707	
3,300.00	2,933.61	2,921.37	2,884.06	24.22	8.97	40.81	-152.29	347.67	1,308.95	1,288.18	20.77	63.032	
3,400.00	3,018.17	3,005.69	2,966.78	25.01	9.30	40.83	-160.39	361.81	1,363.01	1,341.42	21.59	63.132	
3,500.00	3,104.84	3,089.63	3,049.27	25.78	9.62	40.86	-167.99	375.41	1,414.32	1,391.93	22.40	63.151	
3,600.00	3,192.81	3,172.87	3,131.30	26.51	9.93	40.86	-174.46	387.99	1,463.00	1,439.84	23.16	63.166	
3,700.00	3,282.57	3,256.79	3,214.07	27.20	10.23	40.87	-180.44	400.41	1,509.02	1,485.12	23.90	63.132	
3,800.00	3,373.82	3,338.00	3,294.06	27.88	10.54	40.93	-188.37	413.17	1,552.52	1,527.90	24.63	63.042	
3,900.00	3,466.43	3,407.23	3,362.09	28.47	10.81	40.97	-191.32	424.96	1,593.93	1,569.63	25.30	63.005	
4,000.00	3,560.31	3,508.86	3,461.95	29.04	11.21	41.24	-197.98	442.67	1,633.01	1,606.94	26.06	62.657	
4,100.00	3,655.33	3,610.24	3,567.67	29.57	11.60	41.54	-205.34	459.95	1,667.96	1,641.16	26.80	62.237	
4,200.00	3,751.38	3,710.13	3,665.90	30.04	11.98	41.84	-213.18	476.34	1,699.34	1,671.84	27.50	61.787	
4,300.00	3,848.34	3,810.56	3,758.84	30.47	12.36	42.17	-221.14	492.27	1,727.50	1,699.33	28.17	61.320	
4,400.00	3,946.10	3,904.30	3,850.81	30.85	12.72	42.48	-228.50	507.63	1,752.64	1,723.85	28.79	60.877	
4,500.00	4,044.53	4,007.24	3,952.18	31.17	13.10	42.86	-236.07	523.86	1,774.57	1,745.17	29.40	60.369	
4,600.00	4,143.51	4,117.94	4,061.45	31.45	13.49	43.25	-243.97	539.72	1,792.49	1,762.51	29.97	59.801	
4,700.00	4,242.93	4,192.00	4,134.58	31.67	13.74	43.49	-248.71	550.42	1,807.86	1,777.50	30.36	59.547	
4,800.00	4,342.66	4,313.18	4,254.44	31.84	14.15	43.94	-255.53	566.85	1,819.98	1,789.10	30.88	58.938	
4,900.00	4,442.59	4,424.78	4,365.12	31.95	14.49	44.32	-261.11	580.04	1,828.16	1,796.89	31.28	58.431	

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

Sharewell Energy Services, LP

Anticollision Report

Company:	Berry Petroleum Company	Local Co-ordinate Reference:	Well LC FEE 10-28D-56
Project:	Duchesne Co., UT (UT27C)	TVD Reference:	WELL @ 6712.00usft
Reference Site:	Sec.28-T5S-R6W	MD Reference:	WELL @ 6712.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	LC FEE 10-28D-56	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.1 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Reference Datum

Offset Design Sec.28-T5S-R6W - LC Tribal 8-28D-56 - Wellbore #1 - Wellbore #1

Survey Program: 675-MWD

Offset Site Error: 0.00 usft

Offset Well Error: 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
4,957.41	4,600.00	4,493.85	4,433.71	31.99	14.69	44.55	-264.59	587.37	1,830.93	1,799.41	[illegible]	58.100	
5,000.00	4,642.59	4,536.78	4,476.40	32.02	14.90	44.68	-266.46	591.46	1,832.47	1,800.77	31.70	57.805	
5,100.00	4,842.59	4,667.96	4,607.12	32.08	15.12	45.00	-270.84	601.44	1,835.54	1,803.34	32.19	57.015	
5,200.00	4,742.59	4,806.76	4,745.77	32.14	15.38	45.19	-274.55	606.51	1,836.17	1,803.56	[illegible]	56.313	
5,300.00	4,842.59	4,921.26	4,860.26	32.20	15.54	45.22	-275.56	606.57	1,835.58	1,802.69	[illegible]	55.814	
5,400.00	4,942.59	5,019.10	4,958.10	32.27	15.66	45.21	-276.15	605.76	[illegible]	[illegible]	33.13	55.379	
5,500.00	5,042.59	5,125.97	5,064.96	32.33	15.79	45.21	-276.70	604.90	[illegible]	1,800.26	33.38	54.932	
5,600.00	5,142.59	5,224.86	5,163.85	32.40	15.92	45.21	-277.72	604.19	1,832.42	1,798.78	33.63	54.482	
5,700.00	5,242.59	5,324.03	5,263.00	32.47	16.06	45.24	-279.14	[illegible]	1,831.28	1,797.38	33.90	54.018	
5,800.00	5,342.59	5,420.00	5,358.96	32.54	16.20	45.27	-280.42	603.[illegible]	[illegible]	1,796.15	34.17	53.563	
5,900.00	5,442.59	5,514.00	5,452.96	32.61	16.34	45.29	-281.[illegible]	604.03	1,829.65	1,795.21	34.44	53.125	
6,000.00	5,542.59	5,622.15	5,561.10	32.68	16.49	45.31	[illegible]	[illegible]	1,828.83	1,794.10	34.73	52.657	
6,100.00	5,642.59	5,718.51	5,657.46	32.76	16.63	45.33	-283.[illegible]	603.66	1,827.92	1,792.91	35.00	52.219	
6,200.00	5,742.59	5,816.79	5,755.73	32.83	16.77	45.35	-284.[illegible]	603.55	1,827.19	1,791.91	35.28	51.784	
6,300.00	5,842.59	5,924.08	5,863.02	32.91	16.93	45.37	[illegible]	603.39	1,826.28	1,790.70	35.58	51.325	
6,338.41	5,879.00	5,963.48	5,902.41	32.94	16.99	[illegible]	-288.21	603.31	1,825.84	1,790.15	35.69	51.153	

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

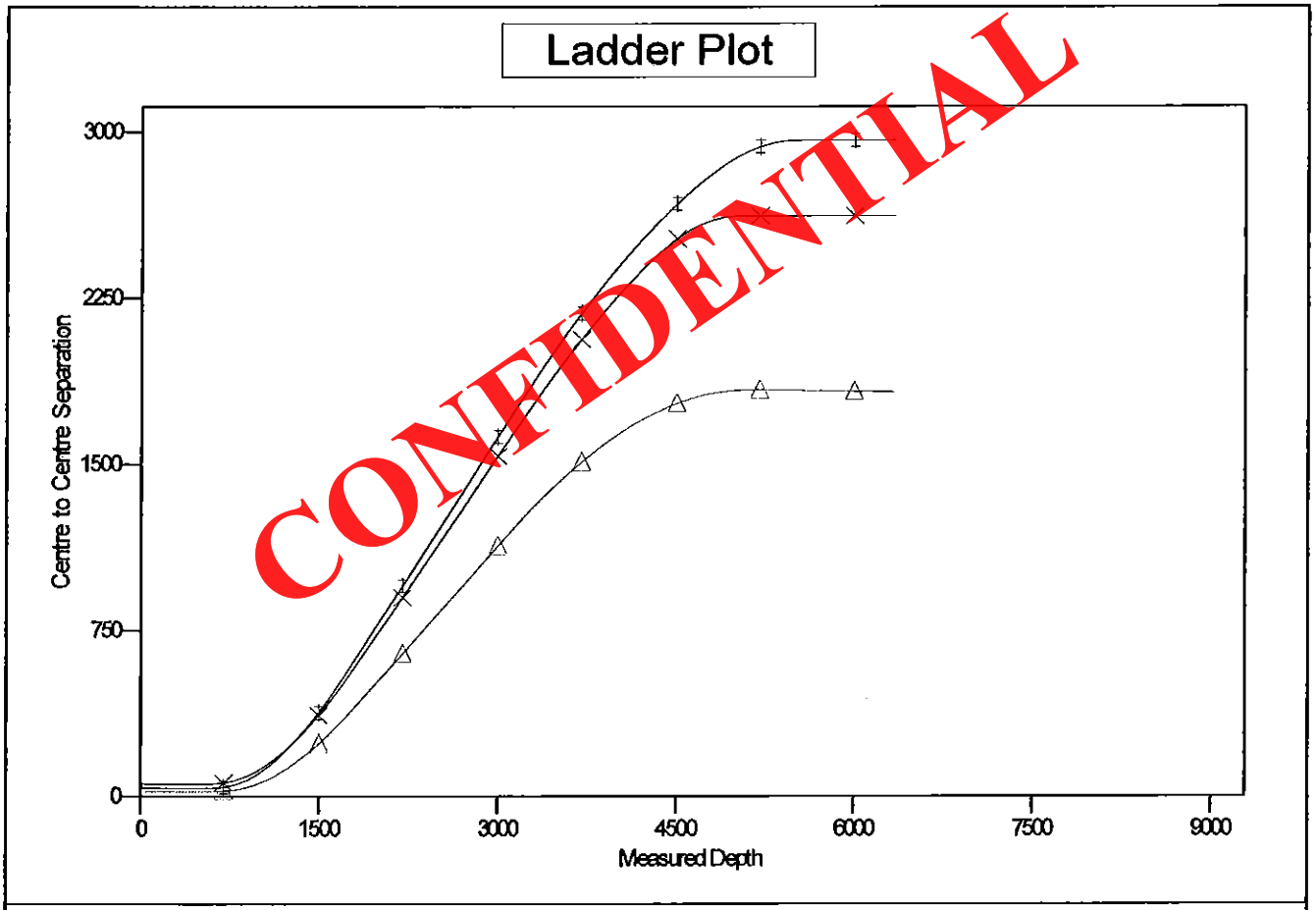
Sharewell Energy Services, LP

Anticollision Report

Company:	Berry Petroleum Company	Local Co-ordinate Reference:	Well LC FEE 10-28D-56
Project:	Duchesne Co., UT (UT27C)	TVD Reference:	WELL @ 6712.00usft
Reference Site:	Sec.28-T5S-R6W	MD Reference:	WELL @ 6712.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	LC FEE 10-28D-56	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.1 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Reference Datum

Reference Depths are relative to WELL @ 6712.00usft
Offset Depths are relative to Offset Datum
Central Meridian is 111° 30' 0.000 W

Coordinates are relative to: LC FEE 10-28D-56
Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302
Grid Convergence at Surface is: 0.60°



LEGEND

LC Tribal 1-28D-56, Wellbore #1, Design #2 V0 — LC Tribal 2-28D-56, Wellbore #1, Design #1 V0 — LC Tribal 8-28D-56, Wellbore #1, Wellbore #1 V

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

Sharewell Energy Services, LP

Anticollision Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well LC FEE 10-28D-56
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 6712.00usft
Reference Site:	Sec.28-T5S-R6W	**MD Reference:**	WELL @ 6712.00usft
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	LC FEE 10-28D-56	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.1 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Reference Datum

Reference Depths are relative to WELL @ 6712.00usft
Offset Depths are relative to Offset Datum
Central Meridian is 111° 30' 0.000 W

Coordinates are relative to: LC FEE 10-28D-56
Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302
Grid Convergence at Surface is: 0.60°

Separation Factor Plot

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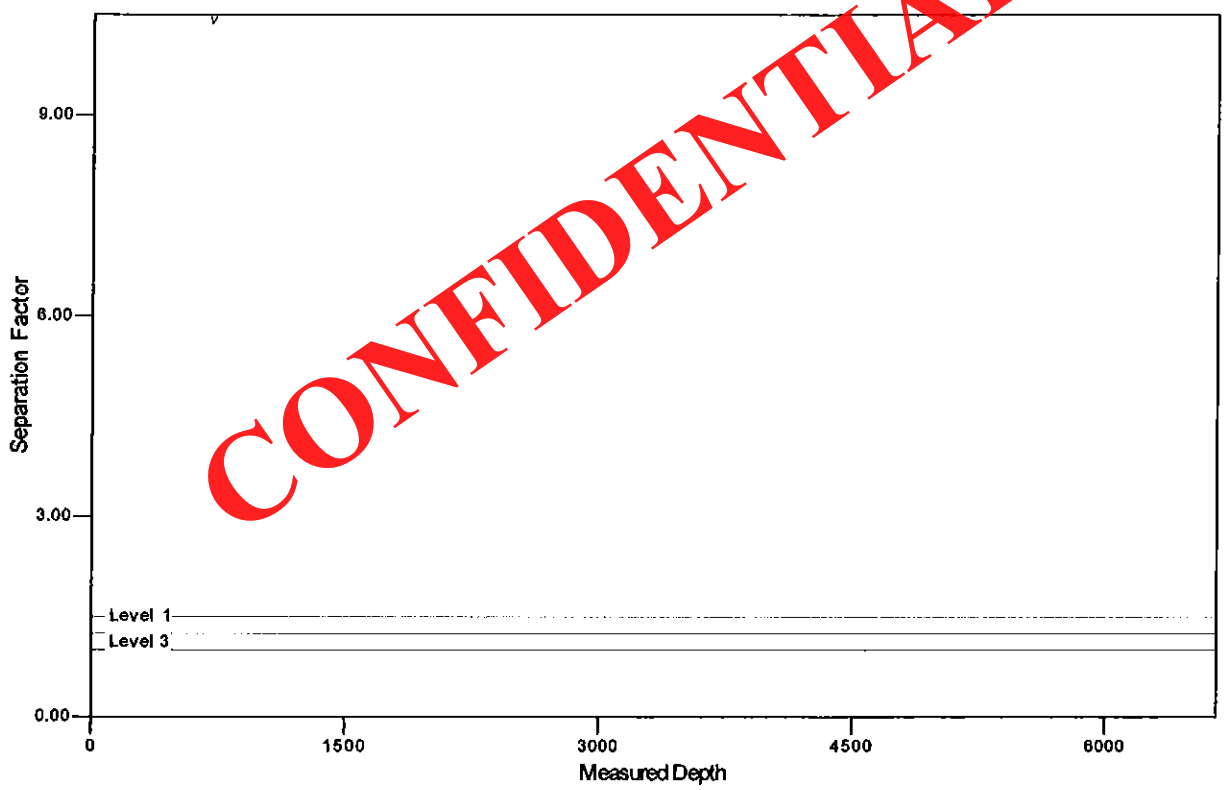

LEGEND

LC Tribal 1-28D-56, Wellbore #1, Design #2 V0 — LC Tribal 2-28D-56, Wellbore #1, Design #1 V0 — LC Tribal 8-28D-56, Wellbore #1, Wellbore #1 V

AFFIDAVIT OF SURFACE DAMAGE AGREEMENT

FRED GOODRICH, the Affiant herein, is a Production Superintendent for Berry Petroleum Company, a Delaware corporation, with an office located at 4000 S 4028 W, Rt 2 Box 7735, Roosevelt, Utah 84066, being of lawful age and duly sworn upon his oath and being duly authorized to make this affidavit on behalf of said corporation hereby deposes and states to the best of his knowledge as follows:

That Berry Petroleum Company has a Surface Damage Agreement signed by the current surface owner covering the following described property, hereinafter referred to as the Land:

TOWNSHIP 5 SOUTH, RANGE 6 WEST, USB&M
Section 28 SE ¼ NE ¼

Affiant further states said Surface Damage Agreement GRANTS, SELLS, and CONVEYS unto Berry Petroleum Company an easement for ingress and egress to, along with a right to use, that portion of the herein described property as may be necessary to construct, use, and maintain a well site or well sites (including location of additional wells on each well site in the case of directional or horizontal drilling) for the drilling, completion and operation of an oil and gas well or wells (including but not limited to pumping facilities and tank batteries) over, under and through the herein described Land.

Affiant further states said Surface Damage Agreement GRANTS, SELLS, and CONVEYS unto Berry Petroleum Company the right to construct, entrench, maintain, operate, replace, remove, protect, or abandon a pipeline or pipelines for water or gas with appurtenances thereto, including, but not limited to, valves, metering equipment, and cathodic equipment; to construct, maintain, relocate, or abandon a road (said well sites, pipelines, appurtenance, valves, metering equipment, cathodic equipment and road being sometimes collectively call the "facilities") over, under, and through the herein described Land.

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Executed and effective as of this 6th day of March 2012.

Berry Petroleum Company

By: Fred Goodrich
Fred Goodrich
Production Superintendent

BERRY PETROLEUM COMPANY
LC FEE 10-28D-56
SE ¼, NE ¼, 1709' FNL 1243' FEL, Sec. 28, T5S, R6W, U.S.B.& M.
BHL: NW ¼, SE ¼, 1980' FSL, 1960' FEL
Duchesne County, Utah

ONSHORE ORDER NO. 1

MULTI POINT SURFACE USE & OPERATIONS PLAN

A Existing Roads

To reach the Berry Petroleum Company well, LC Fee 10-28D-56, in Section 28-T5S-R6W:

Start in Duchesne, Utah. Proceed Southwest up Indian Canyon (US 191) and go 13.6 miles to the access road for the 1-28D-56. Turn west off the Hwy and proceed 426' +/- to the 10-28D-56 location.

B New or Reconstructed Access Roads

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

C Location of Existing Wells

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

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

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

The proposed pipeline will tie in at an existing pipeline. Map "C" 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.

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E 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 # 43-12400, or from Douglas E. & Yordis Nielsen source well located in Sec. 12, T5S, R6W, permit # 43-1628, or from Duchesne City Culinary Water Dock located in Sec. 1, T4S, R5W or from East Duchesne Water, Arcadia Feedlot, Sec. 28, T3S, R3W or from Petroglyph Operating Company 08-04 Waterplant, Sec. 8, T5S, R3W .

F 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 to 43 CFR 3610.2-3.

G Methods of Handling Waste Materials

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

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

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

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

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

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

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

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

CONFIDENTIAL

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.

H Ancillary Facilities

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

I Well site Layout

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

J Plans for Restoration of the Surface

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

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

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

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

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

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

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

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

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

K Well Surface & Access Ownership:

Randy & Connie Nielsen
P O Box 628
Duchesne, UT 84021

L 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.

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

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

Travel is restricted to approved routes only.

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

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

- Whether the materials appear eligible for the National Historic Register of Historic Places;
- The mitigation measures Berry will likely have to undertake before the site can be used (assuming in-situ preservation is not necessary); and a 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 Berry wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Agency Officer and/or the surface owner will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise the operator will be responsible for mitigation costs. The Authorized Agency Officer and/or the surface owner will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Agency Officer that required mitigation has been completed, Berry will then be allowed to resume construction.

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

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

CONFIDENTIAL

API Well Number: 43013512880000

BERRY PETROLEUM COMPANY

WELL PAD INTERFERENCE PLAT

LC TRIBAL 2-28D-56 (Permitted Proposed Well)
LC TRIBAL 1-28D-56 (Permitted Proposed Well)
LC FEE 10-28D-56 (Proposed Well)
LC FEE 8-28D-56 (Existing Well)

Pad Location: SENE Section 28, T5S, R6W, U.S.B.&M.

TOP HOLE FOOTAGES

2-28D-56 (PROPOSED)
1652' FNL & 1235' FEL

1-28D-56 (PROPOSED)
1652' FNL & 1235' FEL

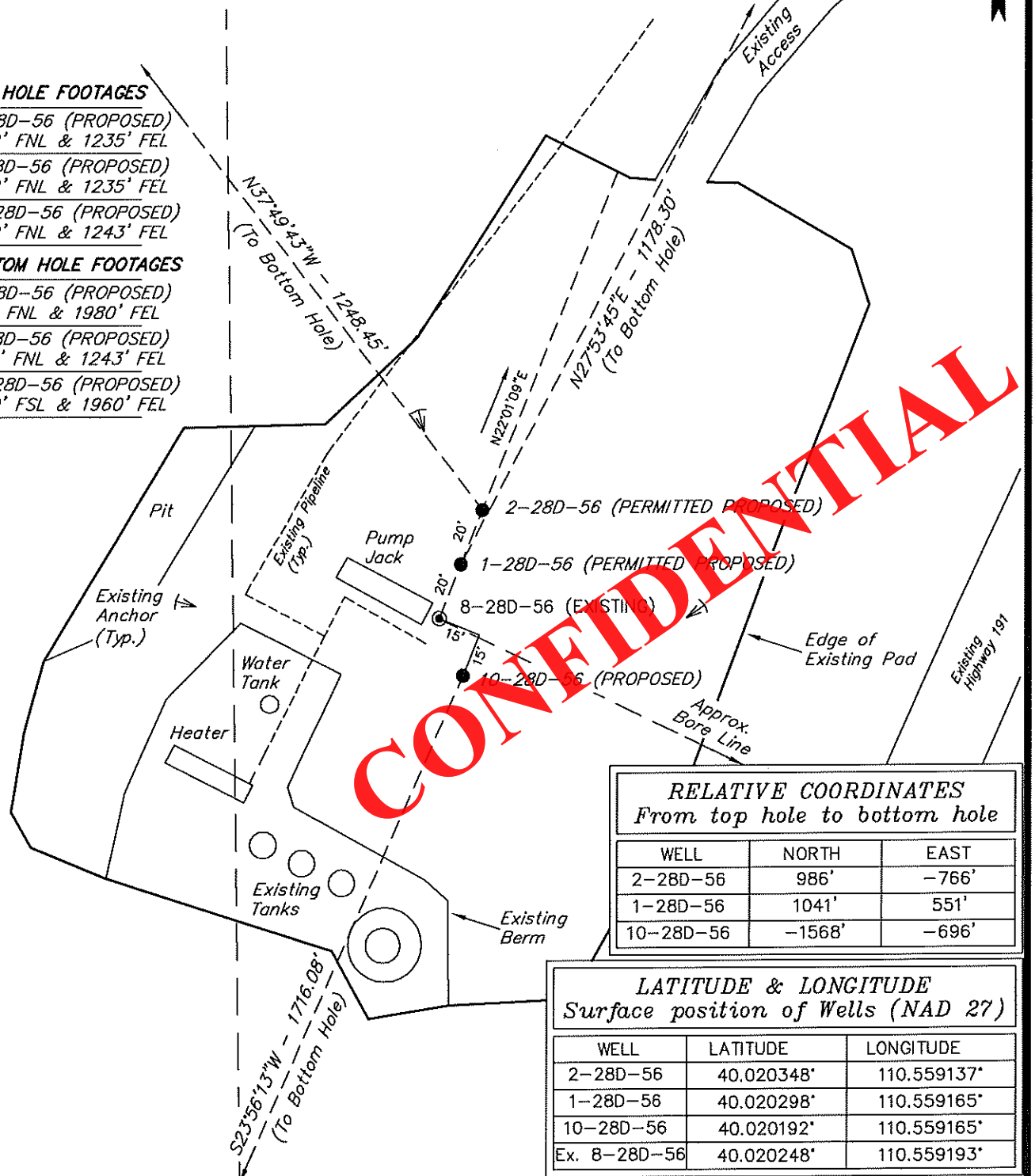
10-28D-56 (PROPOSED)
1709' FNL & 1243' FEL

BOTTOM HOLE FOOTAGES

2-28D-56 (PROPOSED)
660' FNL & 1980' FEL

1-28D-56 (PROPOSED)
1671' FNL & 1243' FEL

10-28D-56 (PROPOSED)
1980' FSL & 1960' FEL



CONFIDENTIAL

RELATIVE COORDINATES
From top hole to bottom hole

WELL	NORTH	EAST
2-28D-56	986'	-766'
1-28D-56	1041'	551'
10-28D-56	-1568'	-696'

LATITUDE & LONGITUDE
Surface position of Wells (NAD 27)

WELL	LATITUDE	LONGITUDE
2-28D-56	40.020348°	110.559137°
1-28D-56	40.020298°	110.559165°
10-28D-56	40.020192°	110.559165°
Ex. 8-28D-56	40.020248°	110.559193°

SURVEYED BY:	S.Y.	DATE SURVEYED:	02-28-12
DRAWN BY:	L.C.S.	DATE DRAWN:	03-01-12
SCALE:	1" = 50'	REVISED:	

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

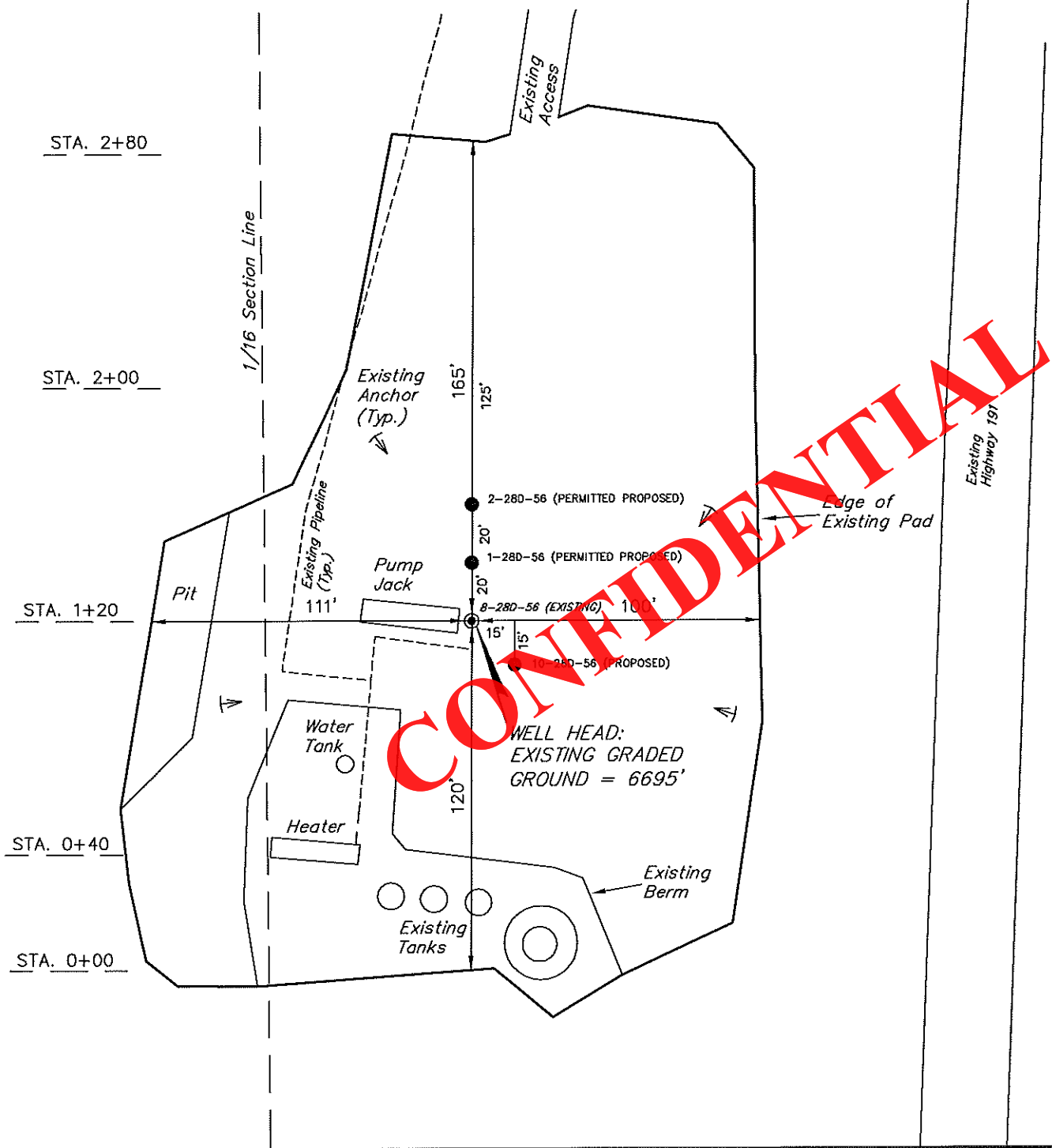
API Well Number: 43013512880000

BERRY PETROLEUM COMPANY

LOCATION LAYOUT

LC TRIBAL 2-28D-56 (Permitted Proposed Well)
LC TRIBAL 1-28D-56 (Permitted Proposed Well)
LC FEE 10-28D-56 (Proposed Well)
LC FEE 8-28D-56 (Existing Well)

Pad Location: SENE Section 28, T5S, R6W, U.S.B.&M.



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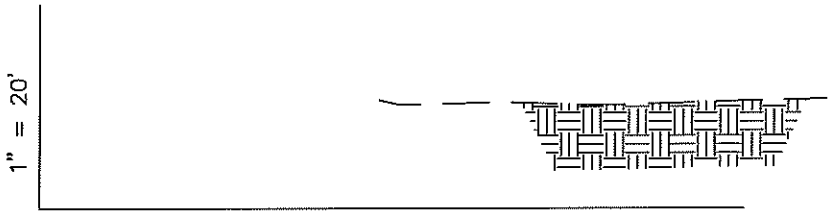
SURVEYED BY: S.Y.	DATE SURVEYED:	02-28-12	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: L.C.S.	DATE DRAWN:	03-01-12	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 50'	REVISED:		

BERRY PETROLEUM COMPANY

CROSS SECTIONS

LC TRIBAL 2-28D-56 (Permitted Proposed Well)
LC TRIBAL 1-28D-56 (Permitted Proposed Well)
LC FEE 10-28D-56 (Proposed Well)
LC FEE 8-28D-56 (Existing Well)

Pad Location: SENE Section 28, T5S, R6W, U.S.B.&M.

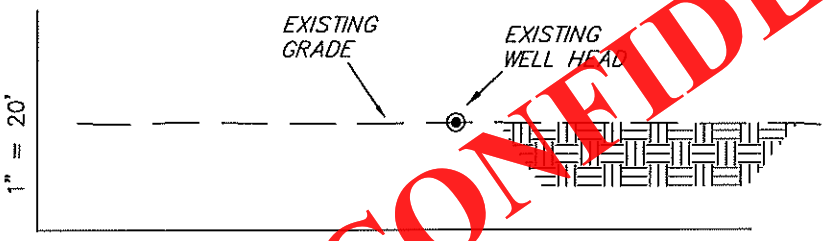


1" = 50'

STA. 2+80

1" = 50'

STA. 2+00



1" = 50'

STA. 1+20

CONFIDENTIAL

1" = 50'

STA. 0+40

SURVEYED BY: S.Y.	DATE SURVEYED:	02-28-12	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: L.C.S.	DATE DRAWN:	03-01-12	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 50'	REVISED:		

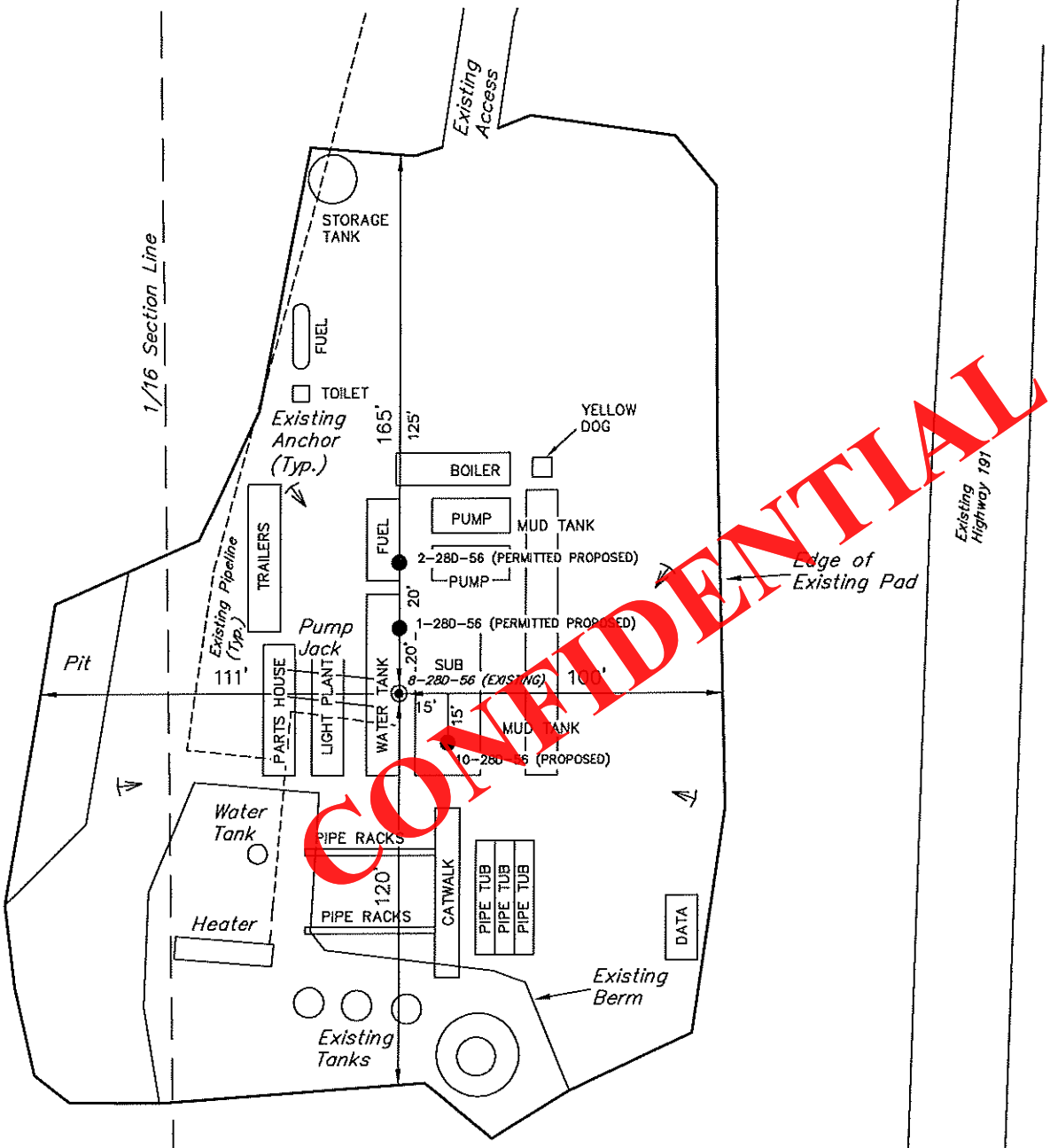
API Well Number: 43013512880000

BERRY PETROLEUM COMPANY

TYPICAL RIG LAYOUT

LC TRIBAL 2-28D-56 (Permitted Proposed Well)
LC TRIBAL 1-28D-56 (Permitted Proposed Well)
LC FEE 10-28D-56 (Proposed Well)
LC FEE 8-28D-56 (Existing Well)

Pad Location: SENE Section 28, T5S, R6W, U.S.B.&M.

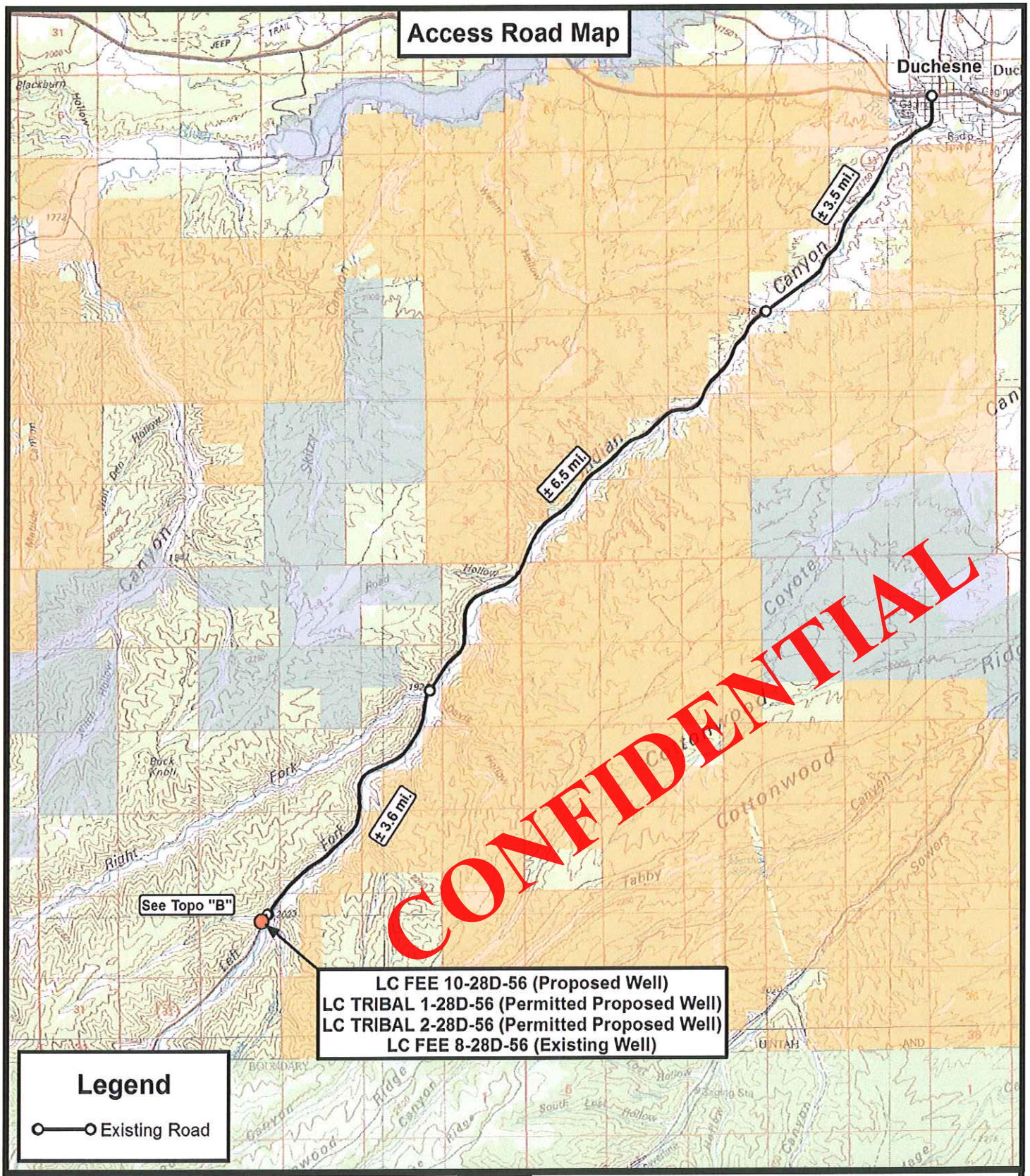


CONFIDENTIAL

NOTE:
Operator to Determine Actual Location of Equipment and Facilities to be removed for Drilling.

SURVEYED BY: S.Y.	DATE SURVEYED:	02-28-12	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: L.C.S.	DATE DRAWN:	03-01-12	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 50'	REVISED:		

API Well Number: 43013512880000



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

N

BERRY PETROLEUM COMPANY

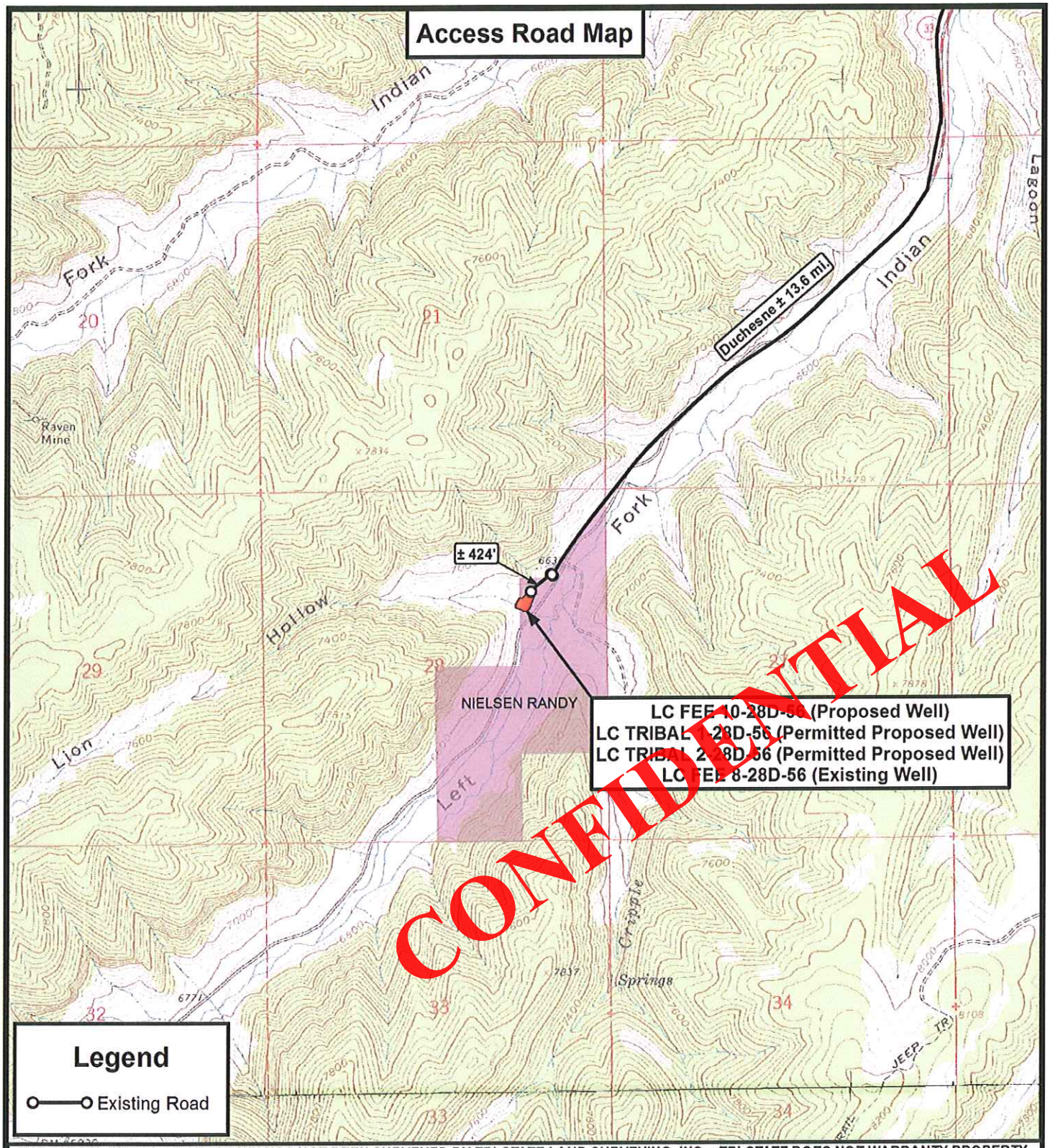
LC FEE 10-28D-56 (Proposed Well)
LC TRIBAL 1-28D-56, 2-28D-56 (Permitted Proposed Wells)
LC FEE 8-28D-56 (Existing Well)
SEC. 28, T5S, R6W, U.S.B.&M. Duchesne County, UT.

DRAWN BY:	J.A.S.	REVISED:	03-01-2012 J.A.S.
DATE:	05-06-2011		
SCALE:	1:100,000		

TOPOGRAPHIC MAP

SHEET A

API Well Number: 43013512880000



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

N

BERRY PETROLEUM COMPANY

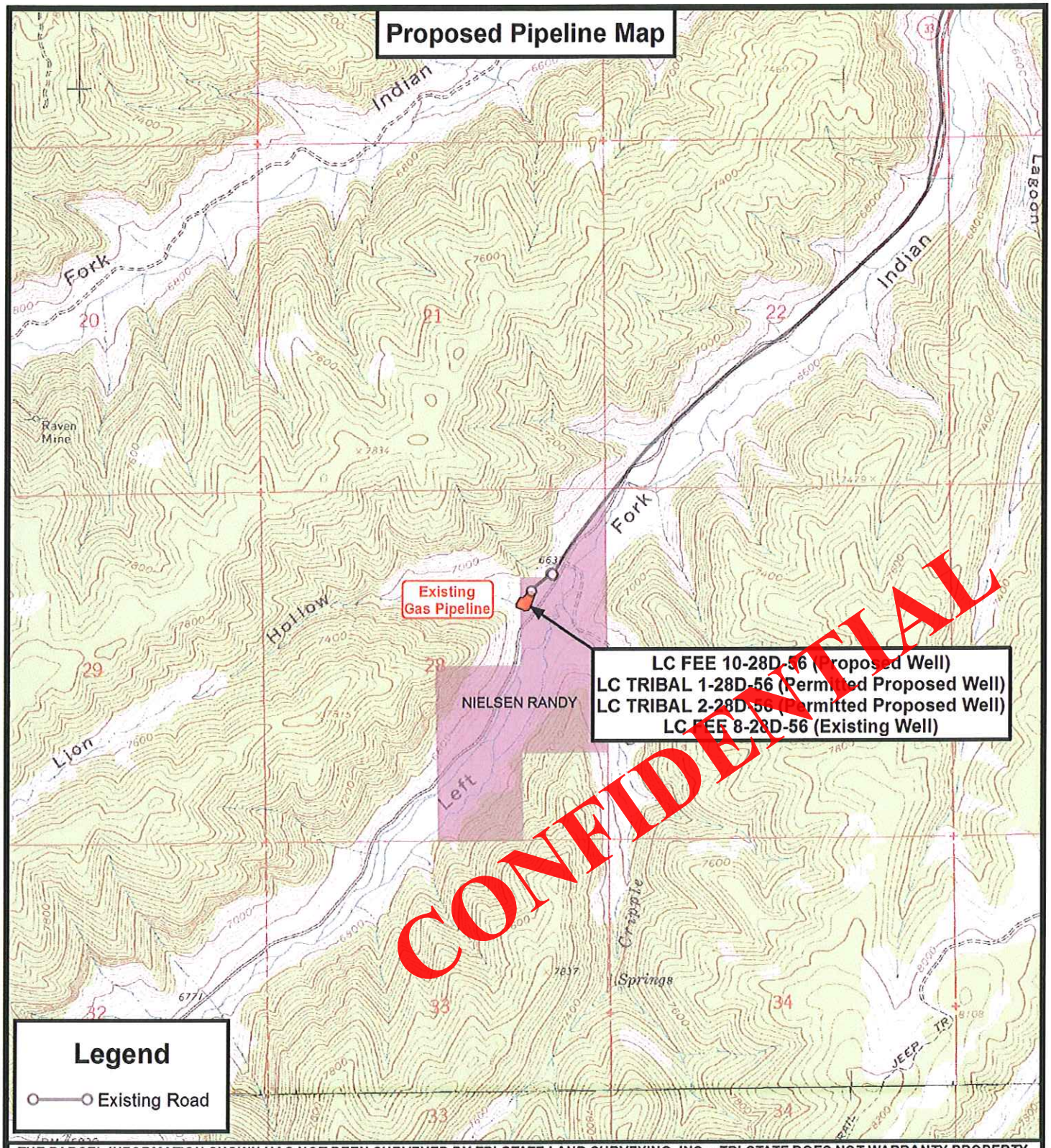
LC FEE 10-28D-56 (Proposed Well)
LC TRIBAL 1-28D-56, 2-28D-56 (Permitted Proposed Wells)
LC FEE 8-28D-56 (Existing Well)
SEC. 28, T5S, R6W, U.S.B.&M. Duchesne County, UT.

DRAWN BY:	J.A.S	REVISED:	03-01-2012 J.A.S.
DATE:	05-06-2011		
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET B

API Well Number: 43013512880000



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

N

BERRY PETROLEUM COMPANY

LC FEE 10-28D-56 (Proposed Well)
LC TRIBAL 1-28D-56, 2-28D-56 (Permitted Proposed Wells)
LC FEE 8-28D-56 (Existing Well)
SEC. 28, T5S, R6W, U.S.B.&M. Duchesne County, UT.

DRAWN BY:	J.A.S.	REVISED:	03-01-2012 J.A.S.
DATE:	05-06-2011		
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET C

API Well Number: 43013512880000

Location Photos

Center Stake
Looking Southeasterly

Date Photographed:	02/28/2012
Photographed By :	S. Young

Access
Looking Southwesterly

Date Photographed:	02/28/2012
Photographed By :	S. Young

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

DRAWN BY:	J.A.S.	REVISED:	03-01-2012 J.A.S.
DATE:	05-06-2011		

BERRY PETROLEUM COMPANY

LC FEE 10-28D-56 (Proposed Well)
LC TRIBAL 1-28D-56, 2-28D-56 (Permitted Proposed Wells)
LC FEE 8-28D-56 (Existing Well)
SEC. 28, T5S, R6W, U.S.B.&M. Duchesne County, UT.

COLOR PHOTOGRAPHS

SHEET P

Well Planning Proposal

FOR

Berry Petroleum Co.
LC FEE 10-28D-56
Duchesne Co., UT

CONFIDENTIAL

Well File: Design #1 (3/5/12)

Presented By:

Pat Rasmussen
Regional Manager

Bret Wolford
Well Planner

Shareweil Energy Services, LP

RECEIVED: March 06, 2012

API Well Number: 43013512880000

Berry Petroleum Company

Project: Duchesne Co., UT (UT27C)
Site: Sec.28-T5S-R6W
Well: LC FEE 10-28D-56
Wellbore: Wellbore #1
Design: Design #1
Latitude: 40° 1' 12.691 N
Longitude: 110° 33' 32.994 W
Ground Level: 6694.00
WELL @ 6712.00usft

Sharewell Energy Services, LP

WELL DETAILS: LC FEE 10-28D-56

Ground Level: 6694.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	615785.871	2263486.290	40° 1' 12.691 N	110° 33' 32.994 W	

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

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
LCF 10-28D-56 Box	5879.00	-1597.59	-732.46	40° 0' 56.901 N	110° 33' 42.409 W	Polygon
LCF 10-28D-56 Tgt	5879.00	-1568.50	-696.26	40° 0' 57.189 N	110° 33' 41.943 W	Point

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	Start Build 3.00
1811.18	36.34	203.94	1731.61	-339.41	-150.66	3.00	203.94	371.35	Start 1329.47 hold at 1811.18 MD
3140.65	36.34	203.94	2802.59	-1059.39	-470.26	0.00	0.00	1159.07	Start Drop -2.00
4957.41	0.00	0.00	4500.00	-1568.50	-696.26	2.00	180.00	1716.09	Start 1379.00 hold at 4957.41 MD
6336.41	0.00	0.00	5879.00	-1568.50	-696.26	0.00	0.00	1716.09	TD at 6336.41

PROJECT DETAILS: Duchesne Co., UT (UT27C)

Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: Utah Central 4302

System Datum: Mean Sea Level

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well LC FEE 10-28D-56, True North
Vertical (TVD) Reference: WELL @ 6712.00usft
Section (VS) Reference: Slot - (0.00N, 0.00E)
Measured Depth Reference: WELL @ 6712.00usft
Calculation Method: Minimum Curvature

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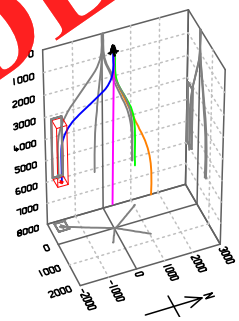
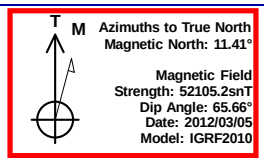
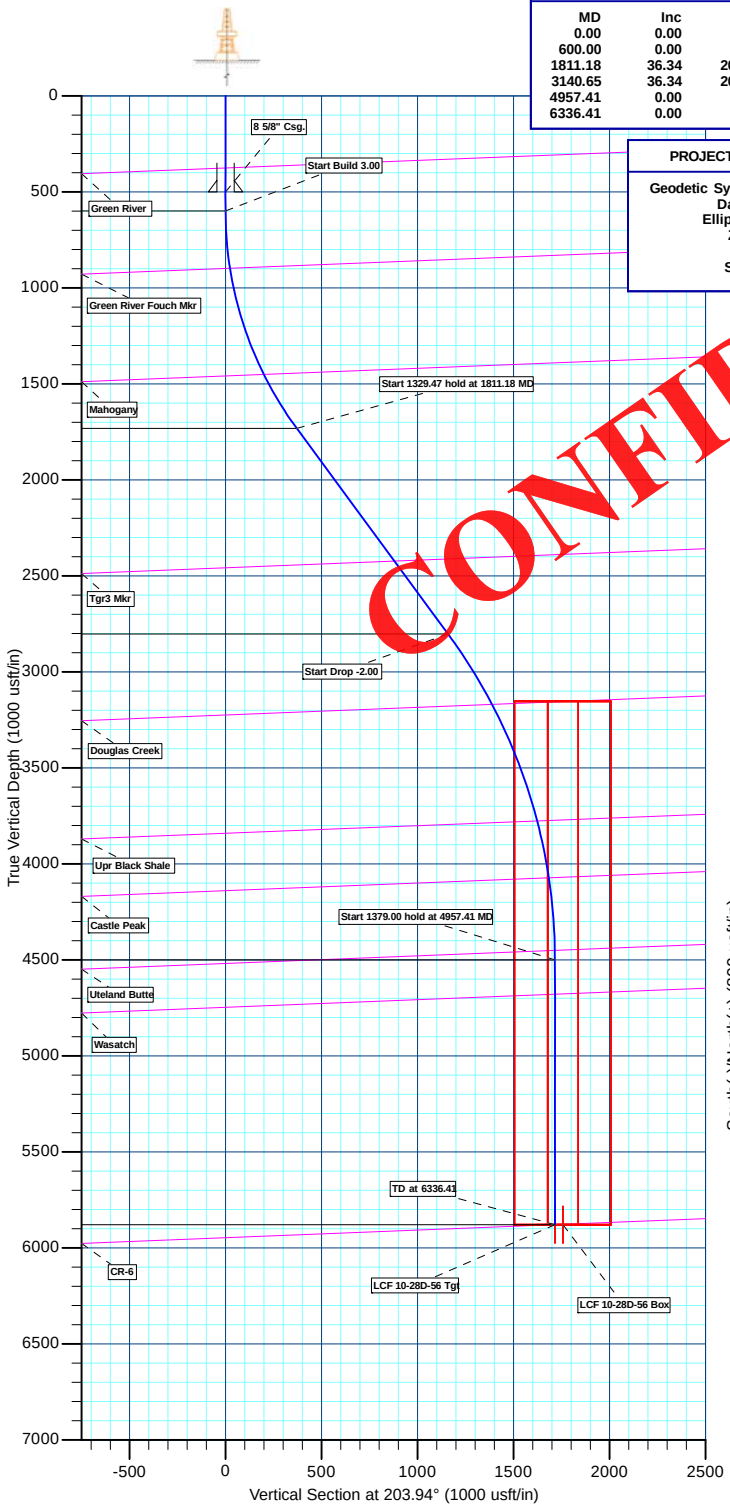
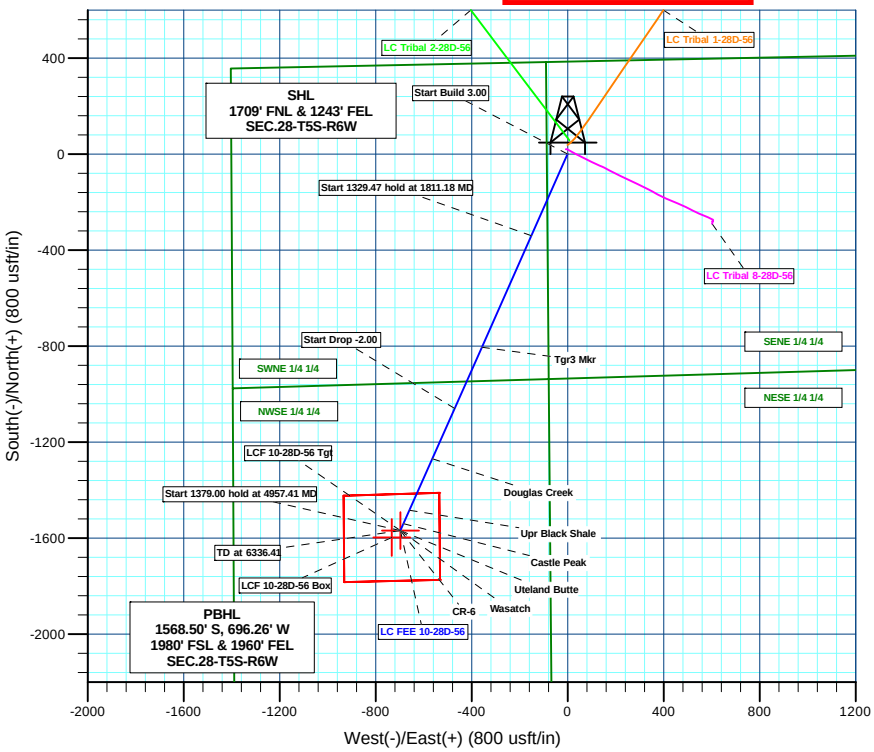
FORMATION TOP DETAILS

TVDPath	MDPath	Formation
376.00	376.00	Green River
898.07	899.30	Green River Fouch Mkr
1451.07	1482.10	Mahogany
2423.12	2669.59	Tgr3 Mkr
3169.96	3574.26	Douglas Creek
3776.65	4226.15	Upr Black Shale
4073.24	4529.06	Castle Peak
4450.99	4908.40	Uteland Butte
4678.97	5136.39	Wasatch
5878.97	6336.39	CR-6









Plan: Design #1 (LC FEE 10-28D-56/Wellbore #1)

Created By: BRET WOLFORD Date: 14:45, March 05 2012

RECEIVED: March 06, 2012

API Well Number: 43013512880000

Berry Petroleum Company

Duchesne Co., UT (UT27C)
Sec.28-T5S-R6W
LC FEE 10-28D-56

Wellbore #1

Plan: Design #1

CONFIDENTIAL

Standard Planning Report

05 March, 2012

Sharewell
Energy Services, LP

RECEIVED: March 06, 2012

Sharewell Energy Services, LP

Planning Report

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well LC FEE 10-28D-56
Company:	Berry Petroleum Company	**TVD Reference:**	WELL @ 6712.00usft
Project:	Duchesne Co., UT (UT27C)	**MD Reference:**	WELL @ 6712.00usft
Site:	Sec.28-T5S-R6W	**North Reference:**	True
Well:	LC FEE 10-28D-56	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project Duchesne Co., UT (UT27C)

Map System:	US State Plane 1927 (Exact solution)	**System Datum:**	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Utah Central 4302		

Site Sec.28-T5S-R6W

Site Position:		**Northing:**	615,842.782 usft	**Latitude:**	40° 1' 13.253 N
From:	Lat/Long	**Easting:**	2,263,493.534 usft	**Longitude:**	110° 33' 32.893 W
Position Uncertainty:	0.00 usft	**Slot Radius:**	13-3/16"	**Grid Convergence:**	0.60 °

Well LC FEE 10-28D-56

Well Position	**+N/-S**	-56.83 usft	**Northing:**	615,785.871 usft	**Latitude:**	40° 1' 12.691 N
	+E/-W	-7.84 usft	**Easting:**	2,263,486.290 usft	**Longitude:**	110° 33' 32.994 W
Position Uncertainty		0.00 usft	**Wellhead Elevation:**	usft	**Ground Level:**	6,694.00 usft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	03/05/12	11.42	65.66	52,105

Design Design #1

Audit Notes:

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

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	203.94

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,811.18	36.34	203.94	1,731.61	-339.41	-150.66	3.00	3.00	0.00	203.94	
3,140.65	36.34	203.94	2,802.59	-1,059.39	-470.26	0.00	0.00	0.00	0.00	
4,957.41	0.00	0.00	4,500.00	-1,568.50	-696.26	2.00	-2.00	0.00	180.00	
6,336.41	0.00	0.00	5,879.00	-1,568.50	-696.26	0.00	0.00	0.00	0.00	

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RECEIVED: March 06, 2012

Sharewell Energy Services, LP

Planning Report

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well LC FEE 10-28D-56
Company:	Berry Petroleum Company	**TVD Reference:**	WELL @ 6712.00usft
Project:	Duchesne Co., UT (UT27C)	**MD Reference:**	WELL @ 6712.00usft
Site:	Sec.28-T5S-R6W	**North Reference:**	True
Well:	LC FEE 10-28D-56	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
Green River									
376.00	0.00	0.00	376.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
8 5/8" Csg.									
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 3.00									
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	3.00	203.94	699.95	-2.39	-1.06	2.62	3.00	3.00	0.00
800.00	6.00	203.94	799.63	-9.56	-4.24	10.46	3.00	3.00	0.00
Green River Fouch Mkr									
899.30	8.98	203.94	898.07	-21.39	-9.50	23.40	3.00	3.00	0.00
900.00	9.00	203.94	898.77	-21.49	-9.54	23.51	3.00	3.00	0.00
1,000.00	12.00	203.94	997.08	-38.15	-16.93	41.74	3.00	3.00	0.00
1,100.00	15.00	203.94	1,094.91	-59.48	-26.40	65.08	3.00	3.00	0.00
1,200.00	18.00	203.94	1,190.16	-85.44	-37.93	93.48	3.00	3.00	0.00
1,300.00	21.00	203.94	1,284.43	-115.94	-51.47	126.85	3.00	3.00	0.00
1,400.00	24.00	203.94	1,376.81	-150.92	-66.99	165.12	3.00	3.00	0.00
Mahogany									
1,482.10	26.46	203.94	1,451.07	-182.90	-81.19	200.11	3.00	3.00	0.00
1,500.00	27.00	203.94	1,467.06	-190.26	-84.46	208.16	3.00	3.00	0.00
1,600.00	30.00	203.94	1,554.93	-233.87	-103.81	255.87	3.00	3.00	0.00
1,700.00	33.00	203.94	1,640.18	-281.62	-125.01	308.12	3.00	3.00	0.00
1,800.00	36.00	203.94	1,722.59	-333.38	-147.99	364.75	3.00	3.00	0.00
Start 1329.47 hold at 1811.18 MD									
1,811.18	36.34	203.94	1,731.61	-339.41	-150.66	371.35	3.00	3.00	0.00
1,900.00	36.34	203.94	1,803.16	-387.51	-172.02	423.98	0.00	0.00	0.00
2,000.00	36.34	203.94	1,883.72	-441.67	-196.06	483.23	0.00	0.00	0.00
2,100.00	36.34	203.94	1,964.28	-495.82	-220.10	542.48	0.00	0.00	0.00
2,200.00	36.34	203.94	2,044.83	-549.98	-244.14	601.73	0.00	0.00	0.00
2,300.00	36.34	203.94	2,125.39	-604.13	-268.18	660.98	0.00	0.00	0.00
2,400.00	36.34	203.94	2,205.94	-658.29	-292.21	720.23	0.00	0.00	0.00
2,500.00	36.34	203.94	2,286.50	-712.44	-316.25	779.48	0.00	0.00	0.00
2,600.00	36.34	203.94	2,367.06	-766.60	-340.29	838.73	0.00	0.00	0.00
Tgr3 Mkr									
2,669.59	36.34	203.94	2,423.12	-804.28	-357.02	879.97	0.00	0.00	0.00
2,700.00	36.34	203.94	2,447.61	-820.75	-364.33	897.98	0.00	0.00	0.00
2,800.00	36.34	203.94	2,528.17	-874.91	-388.37	957.23	0.00	0.00	0.00
2,900.00	36.34	203.94	2,608.73	-929.06	-412.41	1,016.48	0.00	0.00	0.00
3,000.00	36.34	203.94	2,689.28	-983.22	-436.45	1,075.74	0.00	0.00	0.00
3,100.00	36.34	203.94	2,769.84	-1,037.37	-460.49	1,134.99	0.00	0.00	0.00
Start Drop -2.00									
3,140.65	36.34	203.94	2,802.59	-1,059.39	-470.26	1,159.07	0.00	0.00	0.00
3,200.00	35.15	203.94	2,850.76	-1,091.07	-484.33	1,193.74	2.00	-2.00	0.00
3,300.00	33.15	203.94	2,933.51	-1,142.38	-507.10	1,249.87	2.00	-2.00	0.00
3,400.00	31.15	203.94	3,018.17	-1,191.01	-528.69	1,303.08	2.00	-2.00	0.00
3,500.00	29.15	203.94	3,104.64	-1,236.91	-549.07	1,353.30	2.00	-2.00	0.00
Douglas Creek									
3,574.26	27.66	203.94	3,169.96	-1,269.20	-563.40	1,388.62	2.00	-2.00	0.00
3,600.00	27.15	203.94	3,192.81	-1,280.03	-568.21	1,400.47	2.00	-2.00	0.00

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RECEIVED: March 06, 2012

Sharewell Energy Services, LP

Planning Report

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well LC FEE 10-28D-56
Company:	Berry Petroleum Company	**TVD Reference:**	WELL @ 6712.00usft
Project:	Duchesne Co., UT (UT27C)	**MD Reference:**	WELL @ 6712.00usft
Site:	Sec.28-T5S-R6W	**North Reference:**	True
Well:	LC FEE 10-28D-56	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
3,700.00	25.15	203.94	3,282.57	-1,320.30	-586.09	1,444.54	2.00	-2.00	0.00
3,800.00	23.15	203.94	3,373.82	-1,357.69	-602.68	1,485.45	2.00	-2.00	0.00
3,900.00	21.15	203.94	3,466.43	-1,392.15	-617.98	1,523.15	2.00	-2.00	0.00
4,000.00	19.15	203.94	3,560.31	-1,423.63	-631.95	1,557.59	2.00	-2.00	0.00
4,100.00	17.15	203.94	3,655.33	-1,452.10	-644.59	1,588.74	2.00	-2.00	0.00
4,200.00	15.15	203.94	3,751.38	-1,477.52	-655.87	1,616.55	2.00	-2.00	0.00
Upr Black Shale									
4,226.15	14.63	203.94	3,776.65	-1,483.66	-658.60	1,623.27	2.00	-2.00	0.00
4,300.00	13.15	203.94	3,848.34	-1,499.86	-665.79	1,640.99	2.00	-2.00	0.00
4,400.00	11.15	203.94	3,946.10	-1,519.09	-674.33	1,662.03	2.00	-2.00	0.00
4,500.00	9.15	203.94	4,044.53	-1,535.19	-681.48	1,679.65	2.00	-2.00	0.00
Castle Peak									
4,529.06	8.57	203.94	4,073.24	-1,539.28	-683.29	1,684.13	2.00	-2.00	0.00
4,600.00	7.15	203.94	4,143.51	-1,548.15	-687.23	1,693.82	2.00	-2.00	0.00
4,700.00	5.15	203.94	4,242.93	-1,557.94	-691.57	1,704.53	2.00	-2.00	0.00
4,800.00	3.15	203.94	4,342.66	-1,564.55	-694.51	1,711.77	2.00	-2.00	0.00
4,900.00	1.15	203.94	4,442.59	-1,567.07	-696.03	1,715.52	2.00	-2.00	0.00
Uteland Butte									
4,908.40	0.98	203.94	4,450.99	-1,568.12	-696.09	1,715.67	2.00	-2.00	0.00
Start 1379.00 hold at 4957.41 MD									
4,957.41	0.00	0.00	4,500.00	-1,568.50	-696.26	1,716.09	2.00	-2.00	0.00
5,000.00	0.00	0.00	4,542.59	-1,568.50	-696.26	1,716.09	0.00	0.00	0.00
5,100.00	0.00	0.00	4,642.59	-1,568.50	-696.26	1,716.09	0.00	0.00	0.00
Wasatch									
5,136.39	0.00	0.00	4,678.97	-1,568.50	-696.26	1,716.09	0.00	0.00	0.00
5,200.00	0.00	0.00	4,742.59	-1,568.50	-696.26	1,716.09	0.00	0.00	0.00
5,300.00	0.00	0.00	4,842.59	-1,568.50	-696.26	1,716.09	0.00	0.00	0.00
5,400.00	0.00	0.00	4,942.59	-1,568.50	-696.26	1,716.09	0.00	0.00	0.00
5,500.00	0.00	0.00	5,042.59	-1,568.50	-696.26	1,716.09	0.00	0.00	0.00
5,600.00	0.00	0.00	5,142.59	-1,568.50	-696.26	1,716.09	0.00	0.00	0.00
5,700.00	0.00	0.00	5,242.59	-1,568.50	-696.26	1,716.09	0.00	0.00	0.00
5,800.00	0.00	0.00	5,342.59	-1,568.50	-696.26	1,716.09	0.00	0.00	0.00
5,900.00	0.00	0.00	5,442.59	-1,568.50	-696.26	1,716.09	0.00	0.00	0.00
6,000.00	0.00	0.00	5,542.59	-1,568.50	-696.26	1,716.09	0.00	0.00	0.00
6,100.00	0.00	0.00	5,642.59	-1,568.50	-696.26	1,716.09	0.00	0.00	0.00
6,200.00	0.00	0.00	5,742.59	-1,568.50	-696.26	1,716.09	0.00	0.00	0.00
6,300.00	0.00	0.00	5,842.59	-1,568.50	-696.26	1,716.09	0.00	0.00	0.00
CR-6									
6,336.39	0.00	0.00	5,878.97	-1,568.50	-696.26	1,716.09	0.00	0.00	0.00
TD at 6336.41 - LCF 10-28D-56 Box - LCF 10-28D-56 Tgt									
6,336.41	0.00	0.00	5,879.00	-1,568.50	-696.26	1,716.09	0.00	0.00	0.00

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RECEIVED: March 06, 2012

Sharewell Energy Services, LP

Planning Report

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well LC FEE 10-28D-56
Company:	Berry Petroleum Company	**TVD Reference:**	WELL @ 6712.00usft
Project:	Duchesne Co., UT (UT27C)	**MD Reference:**	WELL @ 6712.00usft
Site:	Sec.28-T5S-R6W	**North Reference:**	True
Well:	LC FEE 10-28D-56	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
LCF 10-28D-56 Box	0.00	0.00	5,879.00	-1,597.59	-732.46	614,180.665	2,262,770.675	40° 0' 56.901 N	110° 33' 42.409 W
- plan misses target center by 46.44usft at 6336.41usft MD (5879.00 TVD, -1568.50 N, -696.26 E)									
- Polygon									
Point 1			5,879.00	175.10	-200.60	614,353.65	2,262,568.24		
Point 2			5,879.00	186.70	197.90	614,369.44	2,262,966.60		
Point 3			5,879.00	-176.20	201.10	614,006.59	2,262,973.62		
Point 4			5,879.00	-185.60	-198.50	613,992.99	2,262,574.14		
Point 5			5,879.00	175.10	-200.60	614,353.65	2,262,568.24		
LCF 10-28D-56 Tgt	0.00	0.00	5,879.00	-1,568.50	-696.26	614,210.134	2,262,806.567	40° 0' 57.189 N	110° 33' 41.943 W
- plan hits target center									
- Point									

Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
500.00	500.00	8 5/8" Csg.	8-5/8	12-1/4

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
376.00	376.00	Green River		-2.27	203.94
899.30	899.00	Green River Fouch Mkr		-2.27	203.94
1,482.10	1,459.00	Mahogany		-2.27	203.94
2,669.59	2,458.00	Tgr3 Mkr		-2.27	203.94
3,574.26	3,225.00	Douglas Creek		-2.27	203.94
4,226.15	3,841.00	Upr Black Shale		-2.27	203.94
4,529.06	4,140.00	Castle Peak		-2.27	203.94
4,908.40	4,519.00	Uteland Butte		-2.27	203.94
5,136.39	4,747.00	Wasatch		-2.27	203.94
6,336.39	5,947.00	CR-6		-2.27	203.94

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
600.00	600.00	0.00	0.00	Start Build 3.00
1,811.18	1,731.61	-339.41	-150.66	Start 1329.47 hold at 1811.18 MD
3,140.65	2,802.59	-1,059.39	-470.26	Start Drop -2.00
4,957.41	4,500.00	-1,568.50	-696.26	Start 1379.00 hold at 4957.41 MD
6,336.41	5,879.00	-1,568.50	-696.26	TD at 6336.41

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API Well Number: 43013512880000

Berry Petroleum Company

Duchesne Co., UT (UT27C)
Sec.28-T5S-R6W
LC FEE 10-28D-56

Wellbore #1
Design #1

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Anticollision Report

05 March, 2012

Sharewell
Energy Services, LP

RECEIVED: March 06, 2012

API Well Number: 43013512880000

Sharewell Energy Services, LP

Anticollision Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well LC FEE 10-28D-56
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 6712.00usft
Reference Site:	Sec.28-T5S-R6W	**MD Reference:**	WELL @ 6712.00usft
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	LC FEE 10-28D-56	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.1 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 9,999.98 usft	**Error Surface:**	Elliptical Conic
Warning Levels Evaluated at:	2.00 **Sigma**	**Casing Method:**	Not applied

Survey Tool Program **Date** 03/05/12

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.00	6,336.41	Design #1 (Wellbore #1)	MWD	MWD - Standard

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Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Sec.28-T5S-R6W						
LC Tribal 1-28D-56 - Wellbore #1 - Design #2	600.00	595.00	38.25	35.82	15.772	CC, ES
LC Tribal 1-28D-56 - Wellbore #1 - Design #3	700.00	693.93	41.81	38.96	14.680	SF
LC Tribal 2-28D-56 - Wellbore #1 - Design #1	600.00	598.00	57.37	54.93	23.588	CC, ES
LC Tribal 2-28D-56 - Wellbore #1 - Design #1	700.00	696.14	61.34	58.48	21.475	SF
LC Tribal 8-28D-56 - Wellbore #1 - Wellbore #1	0.00	0.00	21.85			
LC Tribal 8-28D-56 - Wellbore #1 - Wellbore #1	600.00	599.97	22.26	20.36	11.703	ES
LC Tribal 8-28D-56 - Wellbore #1 - Wellbore #1	700.00	700.21	24.15	21.82	10.367	SF

Offset Design Sec.28-T5S-R6W - LC Tribal 1-28D-56 - Wellbore #1 - Design #2

Offset Site Error: 0.00 usft

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

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	5.00	0.00	0.00	-0.84	38.25	-0.56	38.58				
100.00	100.00	95.00	100.00	0.09	0.09	-0.84	38.25	-0.56	38.25	38.07	0.18	207.913	
200.00	200.00	195.00	200.00	0.32	0.31	-0.84	38.25	-0.56	38.25	37.62	0.63	60.995	
300.00	300.00	295.00	300.00	0.54	0.53	-0.84	38.25	-0.56	38.25	37.17	1.08	35.527	
400.00	400.00	395.00	400.00	0.77	0.76	-0.84	38.25	-0.56	38.25	36.72	1.53	25.063	
500.00	500.00	495.00	500.00	0.99	0.98	-0.84	38.25	-0.56	38.25	36.27	1.98	19.360	
600.00	600.00	595.00	600.00	1.22	1.21	-0.84	38.25	-0.56	38.25	35.82	2.43	15.772	CC, ES
700.00	699.95	693.93	698.90	1.42	1.43	2.85	39.35	1.02	41.81	38.96	2.85	14.680	SF
800.00	799.63	791.64	796.41	1.61	1.65	11.06	42.84	6.00	53.49	50.22	3.27	16.373	
900.00	898.77	886.53	890.79	1.84	1.88	18.12	49.00	13.53	74.60	70.90	3.71	20.127	
1,000.00	997.08	977.91	981.26	2.13	2.12	22.28	58.19	22.55	105.30	101.15	4.15	25.362	
1,100.00	1,094.31	1,064.89	1,066.85	2.50	2.39	24.56	69.87	32.70	144.84	140.25	4.59	31.550	
1,200.00	1,190.18	1,146.68	1,146.76	2.96	2.68	25.78	83.46	43.65	192.53	187.51	5.02	38.351	
1,300.00	1,284.43	1,222.74	1,220.46	3.52	2.98	26.43	98.35	55.03	247.70	242.27	5.44	45.550	
1,400.00	1,376.81	1,292.66	1,287.65	4.17	3.30	26.75	113.94	66.50	309.71	303.87	5.84	52.991	
1,500.00	1,467.06	1,356.25	1,348.22	4.93	3.62	26.89	129.69	77.76	377.90	371.66	6.24	60.550	
1,600.00	1,554.93	1,413.46	1,402.23	5.78	3.93	26.91	145.12	88.56	451.62	444.99	6.63	68.139	
1,700.00	1,640.18	1,468.20	1,453.47	6.73	4.26	26.89	161.00	99.48	530.25	523.24	7.02	75.560	
1,800.00	1,722.59	1,520.00	1,501.73	7.76	4.58	26.84	176.54	110.09	612.69	605.31	7.38	82.967	
1,811.18	1,731.61	1,526.05	1,507.37	7.88	4.62	26.84	178.35	111.32	622.09	614.67	7.43	83.778	
1,900.00	1,803.16	1,573.92	1,551.97	8.85	4.92	26.80	192.71	121.12	696.91	689.02	7.89	88.351	

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

RECEIVED: March 06, 2012

Sharewell Energy Services, LP

Anticollision Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well LC FEE 10-28D-56
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 6712.00usft
Reference Site:	Sec.28-T5S-R6W	**MD Reference:**	WELL @ 6712.00usft
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	LC FEE 10-28D-56	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.1 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Reference Datum

Offset Design Sec.28-T5S-R6W - LC Tribal 1-28D-56 - Wellbore #1 - Design #2

Offset Site Error: 0.00 usft

Survey Program: 0-MWD

Offset Well Error: 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
2,000.00	1,883.72	1,627.81	1,602.19	9.96	5.27	26.77	208.88	132.15	781.15	772.75	8.40	92.992	
2,100.00	1,964.28	1,681.70	1,652.40	11.07	5.63	26.75	225.04	143.19	865.38	856.46	8.92	97.019	
2,200.00	2,044.83	1,735.60	1,702.61	12.19	5.98	26.72	241.21	154.22	949.62	940.17	9.45	100.516	
2,300.00	2,125.39	1,789.49	1,752.83	13.31	6.35	26.71	257.37	165.25	1,033.85	1,023.87	[illegible]	103.588	
2,400.00	2,205.94	1,843.38	1,803.04	14.44	6.71	26.69	273.54	176.28	1,118.09	1,107.56	10.52	106.265	
2,500.00	2,286.50	1,897.27	1,853.25	15.57	7.08	26.68	289.70	187.31	1,202.32	1,191.26	11.06	108.669	
2,600.00	2,367.06	1,951.17	1,903.47	16.70	7.44	26.67	305.87	198.34	1,286.56	1,274.94	11.61	110.777	
2,700.00	2,447.61	2,005.06	1,953.68	17.83	7.81	26.66	322.03	209.37	1,370.79	1,358.63	12.16	112.692	
2,800.00	2,528.17	2,058.95	2,003.89	18.96	8.18	26.65	338.20	220.40	1,455.03	1,442.31	12.72	114.393	
2,900.00	2,608.73	2,112.84	2,054.11	20.10	8.56	26.64	354.36	231.43	1,539.26	1,525.99	13.28	115.946	
3,000.00	2,689.28	2,166.74	2,104.32	21.23	8.93	26.63	370.53	242.47	1,623.50	1,609.66	13.84	117.343	
3,100.00	2,769.84	2,220.63	2,154.53	22.37	9.30	26.63	386.69	253.50	1,707.73	1,693.34	14.40	118.622	
3,140.65	2,802.59	2,242.54	2,174.95	22.83	9.46	26.63	[illegible]	257.98	1,741.97	1,727.35	14.63	119.105	
3,200.00	2,850.76	2,275.04	2,205.23	23.41	9.68	26.62	403.0[illegible]	264.64	1,791.63	1,776.60	15.03	119.172	
3,300.00	2,933.51	2,332.09	2,258.39	24.22	10.08	26.63	420.[illegible]	276.31	1,873.75	1,858.05	15.71	119.308	
3,400.00	3,018.17	2,391.97	2,314.18	25.01	10.50	26.64	438.09	288.57	1,953.84	1,937.47	16.37	119.384	
3,500.00	3,104.64	2,454.59	2,372.53	25.78	10.94	26.66	456.87	301.39	2,031.79	2,014.77	17.02	119.406	
3,600.00	3,192.81	2,519.89	2,433.37	26.51	11.40	26.69	476.46	314.76	2,107.51	2,089.86	17.65	119.399	
3,700.00	3,282.57	2,587.79	2,496.63	27.20	11.87	26.72	496.82	328.65	2,180.92	2,162.65	18.27	119.364	
3,800.00	3,373.82	2,658.19	2,562.22	27.86	12.37	26.76	517.94	343.06	2,251.92	2,233.04	18.87	119.309	
3,900.00	3,466.43	2,731.02	2,630.08	28.47	12.88	26.80	539.79	357.97	2,320.42	2,300.96	19.46	119.244	
4,000.00	3,560.31	2,806.18	2,700.11	29.04	13.41	26.85	562.33	373.36	2,386.34	2,366.32	20.02	119.173	
4,100.00	3,655.33	2,883.59	2,771.24	29.57	13.96	26.90	585.55	389.20	2,449.61	2,429.04	20.57	119.097	
4,200.00	3,751.38	2,963.15	2,846.38	30.04	14.52	26.96	609.41	405.49	2,510.14	2,489.05	21.09	119.022	
4,300.00	3,848.34	3,044.76	2,922.40	30.47	15.10	27.02	633.89	422.19	2,567.87	2,546.28	21.59	118.952	
4,400.00	3,946.10	3,128.32	3,000.26	30.85	15.69	27.08	658.96	439.30	2,622.72	2,600.66	22.06	118.890	
4,500.00	4,044.53	3,213.74	3,079.85	31.17	16.30	27.15	684.58	456.78	2,674.63	2,652.12	22.51	118.838	
4,600.00	4,143.51	3,300.91	3,161.07	31.45	16.91	27.22	710.73	474.62	2,723.53	2,700.60	22.93	118.797	
4,700.00	4,242.93	3,389.71	3,243.81	31.67	17.54	27.29	737.37	492.80	2,769.37	2,746.05	23.32	118.771	
4,800.00	4,342.66	3,480.06	3,327.98	31.84	18.19	27.37	764.46	511.29	2,812.09	2,788.41	23.68	118.759	
4,900.00	4,442.59	3,611.79	3,450.89	31.95	19.06	27.49	803.63	538.02	2,851.46	2,827.34	24.12	118.218	
4,957.41	4,500.00	3,753.77	3,584.64	31.99	19.81	27.61	842.96	564.86	2,871.14	2,846.63	24.51	117.140	
5,000.00	4,542.59	3,861.46	3,687.03	32.02	20.35	27.69	870.50	583.65	2,884.25	2,859.40	24.85	116.067	
5,100.00	4,642.59	4,120.49	3,936.31	32.08	21.54	27.85	928.55	623.27	2,911.23	2,885.59	25.64	113.555	
5,200.00	4,742.59	4,387.09	4,196.60	32.14	22.57	27.98	976.06	655.69	2,932.69	2,906.29	26.40	111.106	
5,300.00	4,842.59	4,659.74	4,465.78	32.20	23.40	28.08	1,011.63	679.96	2,948.40	2,921.29	27.11	108.762	
5,400.00	4,942.59	4,936.65	4,741.30	32.27	24.02	28.13	1,034.17	695.34	2,958.20	2,930.43	27.77	106.537	
5,500.00	5,042.59	5,215.87	5,020.28	32.33	24.42	28.15	1,042.94	701.33	2,961.98	2,933.62	28.36	104.436	
5,600.00	5,142.59	5,338.18	5,142.59	32.40	24.53	28.16	1,043.05	701.40	2,962.03	2,933.34	28.69	103.229	
5,700.00	5,242.59	5,438.18	5,242.59	32.47	24.63	28.16	1,043.05	701.40	2,962.03	2,933.03	29.00	102.137	
5,800.00	5,342.59	5,538.18	5,342.59	32.54	24.72	28.16	1,043.05	701.40	2,962.03	2,932.72	29.31	101.054	
5,900.00	5,442.59	5,638.18	5,442.59	32.61	24.82	28.16	1,043.05	701.40	2,962.03	2,932.40	29.63	99.982	
6,000.00	5,542.59	5,738.18	5,542.59	32.68	24.92	28.16	1,043.05	701.40	2,962.03	2,932.09	29.94	98.921	
6,100.00	5,642.59	5,838.18	5,642.59	32.76	25.02	28.16	1,043.05	701.40	2,962.03	2,931.77	30.26	97.872	
6,200.00	5,742.59	5,938.18	5,742.59	32.83	25.12	28.16	1,043.05	701.40	2,962.03	2,931.44	30.59	96.835	
6,300.00	5,842.59	6,038.18	5,842.59	32.91	25.22	28.16	1,043.05	701.40	2,962.03	2,931.11	30.92	95.810	
6,336.41	5,879.00	6,074.59	5,879.00	32.94	25.26	28.16	1,043.05	701.40	2,962.03	2,931.00	31.04	95.440	

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

RECEIVED: March 06, 2012

Sharewell Energy Services, LP

Anticollision Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well LC FEE 10-28D-56
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 6712.00usft
Reference Site:	Sec.28-T5S-R6W	**MD Reference:**	WELL @ 6712.00usft
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	LC FEE 10-28D-56	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.1 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Reference Datum

Offset Design Sec.28-T5S-R6W - LC Tribal 2-28D-56 - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-MWD

Offset Well Error: 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	2.00	0.00	0.00	7.86	56.83	7.84	57.40				
100.00	100.00	98.00	100.00	0.09	0.09	7.86	56.83	7.84	57.37	57.18	0.19	306.978	
200.00	200.00	198.00	200.00	0.32	0.32	7.86	56.83	7.84	57.37	56.73	0.63	90.504	
300.00	300.00	298.00	300.00	0.54	0.54	7.86	56.83	7.84	57.37	56.28	1.08	52.951	
400.00	400.00	398.00	400.00	0.77	0.77	7.86	56.83	7.84	57.37	55.83	1.53	37.423	
500.00	500.00	498.00	500.00	0.99	0.99	7.86	56.83	7.84	57.37	55.38	1.98	28.937	
600.00	600.00	598.00	600.00	1.22	1.22	7.86	56.83	7.84	57.37	54.93	2.43	23.588	CC, ES
700.00	699.95	696.14	698.11	1.42	1.44	7.20	58.43	6.63	61.24	58.48	2.86	21.475	SF
800.00	799.63	793.31	795.09	1.61	1.66	5.62	63.33	2.93	73.38	70.10	3.28	22.385	
900.00	898.77	888.65	889.89	1.84	1.89	3.96	71.30	[illegible]	93.44	89.72	3.72	25.106	
1,000.00	997.08	981.31	981.56	2.13	2.14	2.71	82.07	-11.25	121.34	117.16	4.19	28.978	
1,100.00	1,094.31	1,070.57	1,069.27	2.50	2.43	1.93	95.22	-21.20	156.80	152.12	4.68	33.524	
1,200.00	1,190.18	1,155.78	1,152.35	2.96	2.75	1.55	110.81	-32.62	199.44	194.24	5.19	38.398	
1,300.00	1,284.43	1,236.47	1,230.32	3.52	3.09	1.49	126.8[illegible]	-45.13	248.84	243.10	5.74	43.358	
1,400.00	1,376.81	1,312.24	1,302.84	4.17	3.46	1.67	144.[illegible]	-58.39	304.55	298.23	6.31	48.235	
1,500.00	1,467.06	1,382.86	1,369.72	4.93	3.85	2.02	1[illegible]2.43	-72.04	366.08	359.16	6.92	52.877	
1,600.00	1,554.93	1,448.16	1,430.93	5.78	4.26	2.49	180.57	-85.76	432.97	425.40	7.57	57.210	
1,700.00	1,640.18	1,508.09	1,486.51	6.73	4.65	3.07	198.44	-99.28	504.71	496.46	8.25	61.167	
1,800.00	1,722.59	1,562.67	1,536.61	7.76	5.06	3.71	215.71	-112.35	580.83	571.83	9.00	64.555	
1,811.18	1,731.61	1,568.44	1,541.87	7.88	5.09	3.79	217.60	-113.77	589.59	580.50	9.08	64.903	
1,900.00	1,803.16	1,613.18	1,582.50	8.85	5.42	4.33	232.55	-125.08	659.82	650.04	9.78	67.473	
2,000.00	1,883.72	1,672.04	1,635.33	9.96	5.89	4.59	252.75	-140.36	739.50	728.90	10.60	69.782	
2,100.00	1,964.28	1,732.41	1,69[illegible].2	11.07	6.39	4.76	273.47	-156.04	819.19	807.77	11.42	71.722	
2,200.00	2,044.83	1,792.77	1,744.50	12.19	6.88	4.90	294.19	-171.71	898.89	886.63	12.26	73.348	
2,300.00	2,125.39	1,853.13	1,799.09	13.31	7.39	5.02	314.91	-187.39	978.59	965.49	13.10	74.687	
2,400.00	2,205.94	1,913.50	1,853.57	14.44	7.89	5.13	335.64	-203.06	1,058.30	1,044.34	13.95	75.839	
2,500.00	2,286.50	1,973.86	1,908.06	15.57	8.40	5.21	356.36	-218.74	1,138.01	1,123.19	14.82	76.810	
2,600.00	2,367.06	2,034.22	1,962.54	16.70	8.92	5.29	377.08	-234.41	1,217.72	1,202.04	15.68	77.648	
2,700.00	2,447.61	2,094.59	2,017.03	17.83	9.43	5.36	397.80	-250.09	1,297.43	1,280.88	16.55	78.379	
2,800.00	2,528.17	2,154.95	2,071.51	18.96	9.95	5.42	418.52	-265.77	1,377.15	1,359.72	17.43	79.008	
2,900.00	2,608.73	2,215.31	2,126.00	20.10	10.47	5.47	439.25	-281.44	1,456.86	1,438.55	18.31	79.567	
3,000.00	2,689.28	2,275.67	2,180.48	21.23	10.99	5.51	459.97	-297.12	1,536.58	1,517.39	19.19	80.056	
3,100.00	2,769.84	2,336.04	2,234.96	22.37	11.51	5.56	480.69	-312.79	1,616.30	1,596.22	20.08	80.491	
3,140.65	2,802.59	2,360.58	2,257.11	22.83	11.73	5.57	489.11	-319.16	1,648.71	1,628.26	20.44	80.654	
3,200.00	2,850.76	2,396.83	2,289.84	23.41	12.04	5.59	501.56	-328.58	1,695.69	1,674.75	20.94	80.961	
3,300.00	2,933.51	2,459.83	2,346.70	24.22	12.59	5.56	523.19	-344.94	1,773.34	1,751.58	21.77	81.472	
3,400.00	3,018.17	2,525.16	2,405.67	25.01	13.16	5.49	545.61	-361.90	1,849.01	1,826.39	22.62	81.736	
3,500.00	3,104.64	2,592.74	2,466.67	25.78	13.74	5.37	568.81	-379.45	1,922.61	1,899.11	23.50	81.809	
3,600.00	3,192.81	2,662.49	2,529.62	26.51	14.35	5.21	592.76	-397.57	1,994.06	1,969.66	24.40	81.737	
3,700.00	3,282.57	2,734.32	2,594.46	27.20	14.98	5.01	617.42	-416.22	2,063.28	2,037.98	25.30	81.557	
3,800.00	3,373.82	2,808.16	2,661.11	27.86	15.63	4.78	642.77	-435.39	2,130.21	2,104.00	26.20	81.299	
3,900.00	3,466.43	2,883.90	2,729.47	28.47	16.29	4.52	668.77	-455.06	2,194.77	2,167.67	27.10	80.983	
4,000.00	3,560.31	2,961.45	2,799.47	29.04	16.97	4.23	695.39	-475.20	2,256.92	2,228.93	27.99	80.628	
4,100.00	3,655.33	3,040.73	2,871.03	29.57	17.66	3.91	722.61	-495.79	2,316.59	2,287.73	28.87	80.250	
4,200.00	3,751.38	3,121.63	2,944.05	30.04	18.37	3.57	750.38	-516.80	2,373.74	2,344.02	29.72	79.858	
4,300.00	3,848.34	3,272.47	3,081.21	30.47	19.49	2.77	800.42	-554.65	2,427.37	2,396.53	30.84	78.707	
4,400.00	3,946.10	3,449.63	3,245.30	30.85	20.62	1.92	853.65	-594.91	2,475.34	2,443.39	31.94	77.488	
4,500.00	4,044.53	3,637.91	3,422.88	31.17	21.70	1.15	903.50	-632.63	2,517.15	2,484.16	32.99	76.298	
4,600.00	4,143.51	3,836.47	3,613.26	31.45	22.70	0.47	948.45	-666.63	2,552.37	2,518.42	33.95	75.176	
4,700.00	4,242.93	4,044.07	3,815.14	31.67	23.58	-0.09	986.94	-695.74	2,580.58	2,545.78	34.80	74.155	
4,800.00	4,342.66	4,259.09	4,026.68	31.84	24.30	-0.54	1,017.52	-718.88	2,601.45	2,565.94	35.51	73.254	
4,900.00	4,442.59	4,479.55	4,245.46	31.95	24.86	-0.86	1,038.98	-735.11	2,614.69	2,578.61	36.07	72.485	

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

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RECEIVED: March 06, 2012

Sharewell Energy Services, LP

Anticollision Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well LC FEE 10-28D-56
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 6712.00usft
Reference Site:	Sec.28-T5S-R6W	**MD Reference:**	WELL @ 6712.00usft
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	LC FEE 10-28D-56	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.1 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Reference Datum

Offset Design Sec.28-T5S-R6W - LC Tribal 2-28D-56 - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-MWD

Offset Well Error: 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
4,957.41	4,500.00	4,607.71	4,373.24	31.99	25.10	-0.98	1,046.81	-741.03	2,618.76	2,582.44	36.32	72.104	
5,000.00	4,542.59	4,703.17	4,468.59	32.02	25.24	-1.04	1,050.42	-743.76	2,620.39	2,583.89	36.50	71.788	
5,100.00	4,642.59	4,877.19	4,642.59	32.08	25.41	-1.07	1,052.28	-745.17	2,621.23	2,584.43	36.80	71.221	
5,200.00	4,742.59	4,977.19	4,742.59	32.14	25.49	-1.07	1,052.28	-745.17	2,621.23	2,584.21	37.03	70.806	
5,300.00	4,842.59	5,077.19	4,842.59	32.20	25.57	-1.07	1,052.28	-745.17	2,621.23	2,583.99	37.24	70.385	
5,400.00	4,942.59	5,177.19	4,942.59	32.27	25.66	-1.07	1,052.28	-745.17	2,621.23	2,583.77	37.47	69.963	
5,500.00	5,042.59	5,277.19	5,042.59	32.33	25.75	-1.07	1,052.28	-745.17	2,621.23	2,583.54	37.70	69.537	
5,600.00	5,142.59	5,377.19	5,142.59	32.40	25.84	-1.07	1,052.28	-745.17	2,621.23	2,583.30	37.93	69.110	
5,700.00	5,242.59	5,477.19	5,242.59	32.47	25.93	-1.07	1,052.28	-745.17	2,621.23	2,583.07	38.17	68.681	
5,800.00	5,342.59	5,577.19	5,342.59	32.54	26.02	-1.07	1,052.28	-745.17	2,621.23	2,582.83	38.41	68.250	
5,900.00	5,442.59	5,677.19	5,442.59	32.61	26.11	-1.07	1,052.28	-745.17	2,621.23	2,582.58	38.65	67.819	
6,000.00	5,542.59	5,777.19	5,542.59	32.68	26.21	-1.07	1,052.28	-745.17	2,621.23	2,582.33	38.90	67.386	
6,100.00	5,642.59	5,877.19	5,642.59	32.76	26.31	-1.07	1,052.28	-745.17	2,621.23	2,582.08	39.15	66.953	
6,200.00	5,742.59	5,977.19	5,742.59	32.83	26.41	-1.07	1,052.28	-745.17	2,621.23	2,581.83	39.41	66.519	
6,300.00	5,842.59	6,077.19	5,842.59	32.91	26.51	-1.07	1,052.28	-745.17	2,621.23	2,581.57	39.66	66.086	
6,336.41	5,879.00	6,113.61	5,879.00	32.94	26.54	-1.07	1,052.28	-745.17	2,621.23	2,581.47	39.76	65.928	

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RECEIVED: March 06, 2012

Sharewell Energy Services, LP

Anticollision Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well LC FEE 10-28D-56
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 6712.00usft
Reference Site:	Sec.28-T5S-R6W	**MD Reference:**	WELL @ 6712.00usft
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	LC FEE 10-28D-56	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.1 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Reference Datum

Offset Design Sec.28-T5S-R6W - LC Tribal 8-28D-56 - Wellbore #1 - Wellbore #1

Offset Site Error: 0.00 usft

Survey Program: 575-MWD

Offset Well Error: 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	-21.03	20.40	-7.84	21.85				
100.00	100.00	100.00	100.00	0.09	0.11	-20.89	20.43	-7.79	21.86	21.66	0.20	108.348	
200.00	200.00	199.99	199.99	0.32	0.22	-20.46	20.51	-7.65	21.89	21.35	0.54	40.828	
300.00	300.00	299.99	299.99	0.54	0.33	-19.76	20.65	-7.42	21.94	21.07	0.87	25.202	
400.00	400.00	399.98	399.98	0.77	0.44	-18.78	20.84	-7.09	22.02	20.81	1.21	18.270	
500.00	500.00	499.98	499.97	0.99	0.55	-17.54	21.09	-6.67	22.12	20.58	1.54	14.370	
600.00	600.00	599.97	599.96	1.22	0.69	-16.03	21.40	-6.15	22.26	20.36	1.90	11.703	ES
700.00	699.95	700.21	700.19	1.42	0.91	-8.80	21.47	-4.76	[illegible]	21.62	2.33	10.367	SF
800.00	799.63	800.36	800.22	1.61	1.13	7.59	19.79	-0.33	[illegible]	26.87	2.75	10.787	
900.00	898.77	899.55	899.10	1.84	1.37	23.23	16.17	[illegible]	40.98	37.79	3.19	12.857	
1,000.00	997.08	997.44	996.38	2.13	1.63	33.96	11.16	16.27	59.45	55.79	3.66	16.229	
1,100.00	1,094.31	1,094.32	1,092.34	2.50	1.92	40.29	4.27	27.63	83.60	79.42	4.18	20.022	
1,200.00	1,190.18	1,187.84	1,184.62	2.96	2.23	43.77	[illegible]	[illegible]	114.04	109.30	4.73	24.086	
1,300.00	1,284.43	1,279.20	1,274.38	3.52	2.56	45.65	-10.8[illegible]	56.09	150.74	145.39	5.35	28.181	
1,400.00	1,376.81	1,369.94	1,363.31	4.17	2.91	46.48	-18.[illegible]	72.24	192.48	186.49	5.99	32.107	
1,500.00	1,467.06	1,459.72	1,451.34	4.93	3.23	46.52	[illegible]	88.02	238.22	231.59	6.63	35.921	
1,600.00	1,554.93	1,545.55	1,535.63	5.78	3.62	[illegible]	-33.79	102.59	288.10	280.84	7.26	39.688	
1,700.00	1,640.18	1,627.32	1,615.89	6.73	3.82	[illegible]	-40.29	116.76	342.47	334.54	7.93	43.207	
1,800.00	1,722.59	1,705.40	1,692.43	7.76	4.11	44.19	-46.42	130.95	401.33	392.70	8.63	46.522	
1,811.18	1,731.61	1,713.90	1,700.75	7.88	4.17	44.09	-47.06	132.52	408.18	399.48	8.71	46.890	
1,900.00	1,803.16	1,788.29	1,773.56	8.85	4.49	43.62	-53.25	146.48	462.65	453.24	9.41	49.184	
2,000.00	1,883.72	1,869.51	1,852.82	[illegible]	4.83	43.30	-61.60	162.12	523.16	512.94	10.22	51.184	
2,100.00	1,964.28	1,946.77	1,929.[illegible]	11.07	5.16	42.98	-69.46	177.18	583.88	572.84	11.04	52.887	
2,200.00	2,044.83	2,024.40	2,003.[illegible]	12.19	5.49	42.71	-77.08	192.44	644.91	633.04	11.87	54.345	
2,300.00	2,125.39	2,105.74	2,083.33	13.31	5.82	42.54	-84.93	208.20	705.88	693.19	12.69	55.604	
2,400.00	2,205.94	2,182.85	2,158.71	14.44	6.13	42.29	-92.10	222.82	766.86	753.35	13.50	56.793	
2,500.00	2,286.50	2,262.52	2,236.68	15.57	6.44	42.08	-99.03	237.61	827.96	813.65	14.31	57.845	
2,600.00	2,367.06	2,345.40	2,317.94	16.70	6.76	41.89	-105.94	252.37	888.89	873.77	15.12	58.782	
2,700.00	2,447.61	2,429.09	2,400.16	17.83	7.08	41.70	-112.79	266.48	949.42	933.49	15.93	59.616	
2,800.00	2,528.17	2,509.28	2,478.89	18.96	7.39	41.51	-119.70	280.03	1,009.71	992.98	16.73	60.343	
2,900.00	2,608.73	2,583.82	2,552.04	20.10	7.69	41.29	-126.02	292.83	1,070.26	1,052.72	17.54	61.028	
3,000.00	2,689.28	2,657.27	2,624.16	21.23	7.99	41.07	-131.83	305.53	1,131.21	1,112.88	18.34	61.694	
3,100.00	2,769.84	2,743.84	2,709.25	22.37	8.32	40.96	-138.22	320.08	1,192.24	1,173.09	19.15	62.264	
3,140.65	2,802.59	2,780.81	2,745.65	22.83	8.45	40.92	-140.95	325.93	1,216.84	1,197.36	19.48	62.477	
3,200.00	2,850.76	2,835.08	2,799.12	23.41	8.64	40.87	-145.09	334.31	1,252.09	1,232.12	19.97	62.707	
3,300.00	2,933.51	2,921.37	2,884.06	24.22	8.97	40.81	-152.29	347.67	1,308.95	1,288.18	20.77	63.032	
3,400.00	3,018.17	3,005.69	2,966.78	25.01	9.30	40.83	-160.39	361.81	1,363.01	1,341.42	21.59	63.132	
3,500.00	3,104.64	3,089.63	3,049.27	25.78	9.62	40.86	-167.99	375.41	1,414.32	1,391.93	22.40	63.151	
3,600.00	3,192.81	3,172.87	3,131.30	26.51	9.93	40.86	-174.46	387.99	1,463.00	1,439.84	23.16	63.166	
3,700.00	3,282.57	3,256.79	3,214.07	27.20	10.23	40.87	-180.44	400.41	1,509.02	1,485.12	23.90	63.132	
3,800.00	3,373.82	3,338.00	3,294.06	27.86	10.54	40.93	-186.37	413.17	1,552.52	1,527.90	24.63	63.042	
3,900.00	3,466.43	3,407.23	3,362.09	28.47	10.81	40.97	-191.32	424.96	1,593.93	1,568.63	25.30	63.005	
4,000.00	3,560.31	3,508.86	3,461.95	29.04	11.21	41.24	-197.98	442.67	1,633.01	1,606.94	26.06	62.657	
4,100.00	3,655.33	3,616.24	3,567.67	29.57	11.60	41.54	-205.34	459.95	1,667.96	1,641.16	26.80	62.237	
4,200.00	3,751.38	3,716.13	3,665.90	30.04	11.98	41.84	-213.18	476.34	1,699.34	1,671.84	27.50	61.787	
4,300.00	3,848.34	3,810.56	3,758.64	30.47	12.36	42.17	-221.14	492.27	1,727.50	1,699.33	28.17	61.320	
4,400.00	3,946.10	3,904.30	3,850.81	30.85	12.72	42.48	-228.50	507.63	1,752.64	1,723.85	28.79	60.877	
4,500.00	4,044.53	4,007.24	3,952.18	31.17	13.10	42.86	-236.07	523.86	1,774.57	1,745.17	29.40	60.369	
4,600.00	4,143.51	4,117.94	4,061.45	31.45	13.49	43.25	-243.97	539.72	1,792.49	1,762.51	29.97	59.801	
4,700.00	4,242.93	4,192.00	4,134.58	31.67	13.74	43.49	-248.71	550.42	1,807.86	1,777.50	30.36	59.547	
4,800.00	4,342.66	4,313.18	4,254.44	31.84	14.15	43.94	-255.53	566.85	1,819.98	1,789.10	30.88	58.938	
4,900.00	4,442.59	4,424.78	4,365.12	31.95	14.49	44.32	-261.11	580.04	1,828.18	1,796.89	31.29	58.431	

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

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Sharewell Energy Services, LP

Anticollision Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well LC FEE 10-28D-56
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 6712.00usft
Reference Site:	Sec.28-T5S-R6W	**MD Reference:**	WELL @ 6712.00usft
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	LC FEE 10-28D-56	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.1 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Reference Datum

Offset Design Sec.28-T5S-R6W - LC Tribal 8-28D-56 - Wellbore #1 - Wellbore #1

Offset Site Error: 0.00 usft

Survey Program: 575-MWD

Offset Well Error: 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
4,957.41	4,500.00	4,493.85	4,433.71	31.99	14.69	44.55	-264.59	587.37	1,830.93	1,799.41	31.51	58.100	
5,000.00	4,542.59	4,536.78	4,476.40	32.02	14.80	44.68	-266.46	591.46	1,832.47	1,800.77	31.70	57.805	
5,100.00	4,642.59	4,667.96	4,607.12	32.08	15.12	45.00	-270.84	601.44	1,835.54	1,803.34	32.19	57.015	
5,200.00	4,742.59	4,806.76	4,745.77	32.14	15.38	45.19	-274.55	606.51	1,836.17	1,803.56	32.61	56.313	
5,300.00	4,842.59	4,921.26	4,860.26	32.20	15.54	45.22	-275.56	606.57	1,835.58	1,802.69	32.89	55.814	
5,400.00	4,942.59	5,019.10	4,958.10	32.27	15.66	45.21	-276.15	605.76	1,834.57	1,801.45	33.13	55.379	
5,500.00	5,042.59	5,125.97	5,064.96	32.33	15.79	45.21	-276.70	604.90	[illegible]	[illegible]	33.38	54.932	
5,600.00	5,142.59	5,224.86	5,163.85	32.40	15.92	45.21	-277.72	604.19	[illegible]	[illegible]	33.63	54.482	
5,700.00	5,242.59	5,324.03	5,263.00	32.47	16.06	45.24	-279.14	604.02	[illegible]	1,797.38	33.90	54.018	
5,800.00	5,342.59	5,420.00	5,358.96	32.54	16.20	45.27	-280.42	[illegible]	[illegible]	1,796.15	34.17	53.563	
5,900.00	5,442.59	5,514.00	5,452.96	32.61	16.34	45.29	-281.35	[illegible]	1,829.65	1,795.21	34.44	53.125	
6,000.00	5,542.59	5,622.15	5,561.10	32.68	16.49	45.31	-282.50	603.93	1,828.83	1,794.10	34.73	52.657	
6,100.00	5,642.59	5,718.51	5,657.46	32.76	16.63	45.33	[illegible]	603.66	1,827.92	1,792.91	35.00	52.219	
6,200.00	5,742.59	5,816.79	5,755.73	32.83	16.77	45.35	[illegible]	603.55	1,827.19	1,791.91	35.28	51.784	
6,300.00	5,842.59	5,924.08	5,863.02	32.91	16.93	[illegible]	[illegible]	603.39	1,826.28	1,790.70	35.58	51.325	
6,336.41	5,879.00	5,963.48	5,902.41	32.94	16.99	45.38	[illegible]	603.31	1,825.84	1,790.15	35.69	51.153	

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

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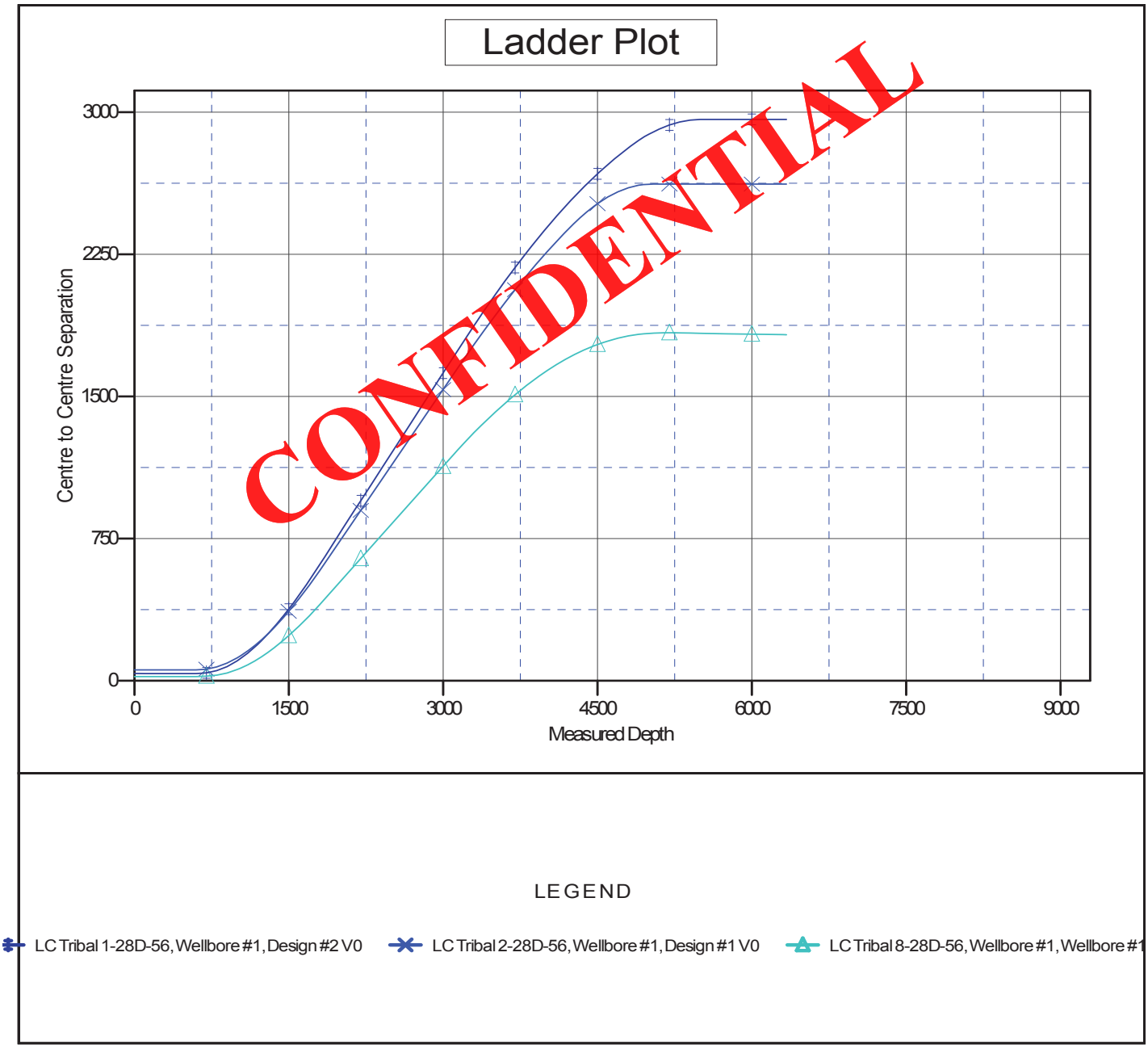
Sharewell Energy Services, LP

Anticollision Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well LC FEE 10-28D-56
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 6712.00usft
Reference Site:	Sec.28-T5S-R6W	**MD Reference:**	WELL @ 6712.00usft
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	LC FEE 10-28D-56	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.1 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Reference Datum

Reference Depths are relative to WELL @ 6712.00usft
Offset Depths are relative to Offset Datum
Central Meridian is 111° 30' 0.000 W

Coordinates are relative to: LC FEE 10-28D-56
Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302
Grid Convergence at Surface is: 0.60°



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

RECEIVED: March 06, 2012

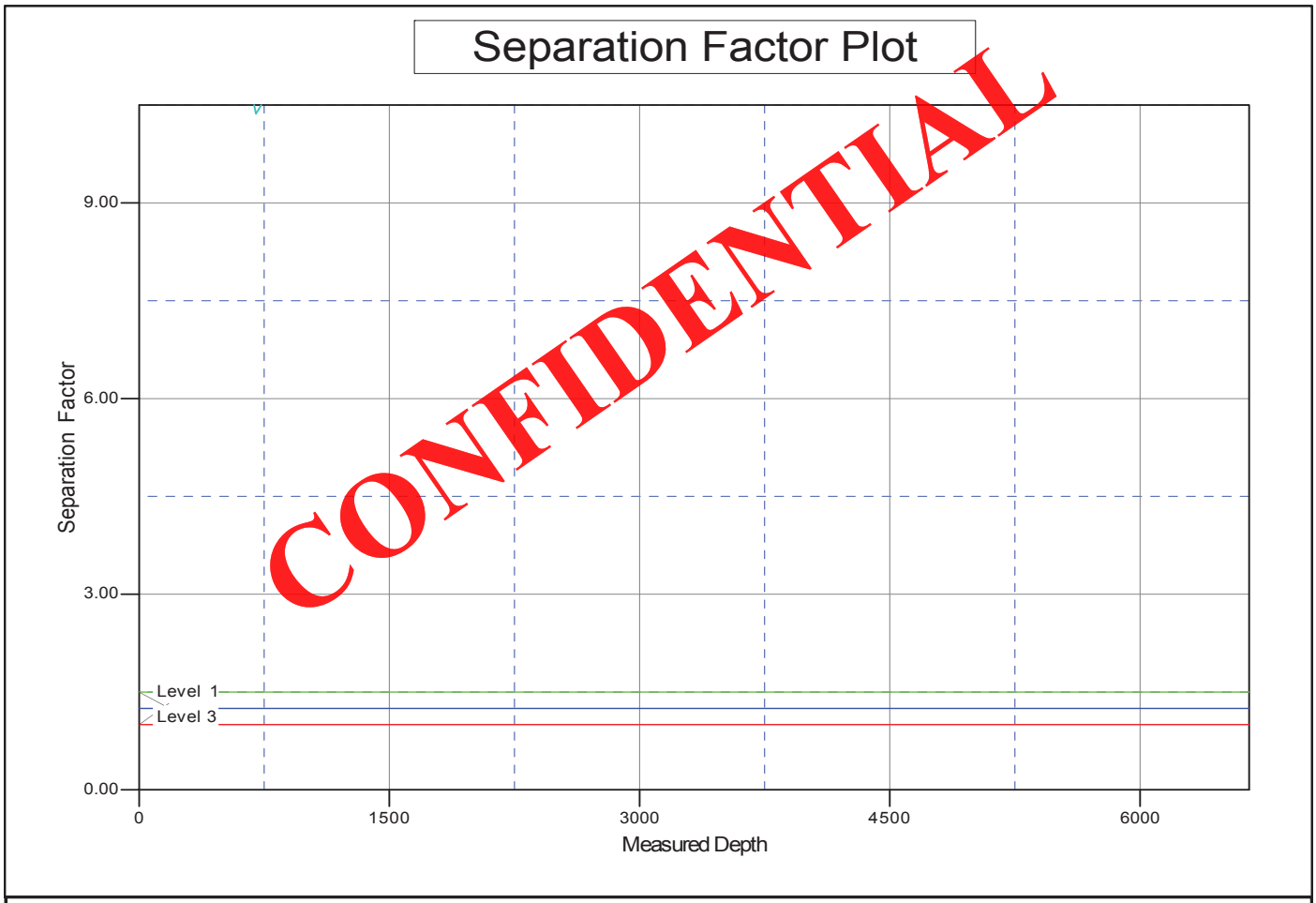
Sharewell Energy Services, LP

Anticollision Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well LC FEE 10-28D-56
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 6712.00usft
Reference Site:	Sec.28-T5S-R6W	**MD Reference:**	WELL @ 6712.00usft
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	LC FEE 10-28D-56	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.1 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Reference Datum

Reference Depths are relative to WELL @ 6712.00usft
Offset Depths are relative to Offset Datum
Central Meridian is 111° 30' 0.000 W

Coordinates are relative to: LC FEE 10-28D-56
Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302
Grid Convergence at Surface is: 0.60°



LEGEND

LC Tribal 1-28D-56, Wellbore #1, Design #2 V0 — LC Tribal 2-28D-56, Wellbore #1, Design #1 V0 — LC Tribal 8-28D-56, Wellbore #1, Wellbore #1 V

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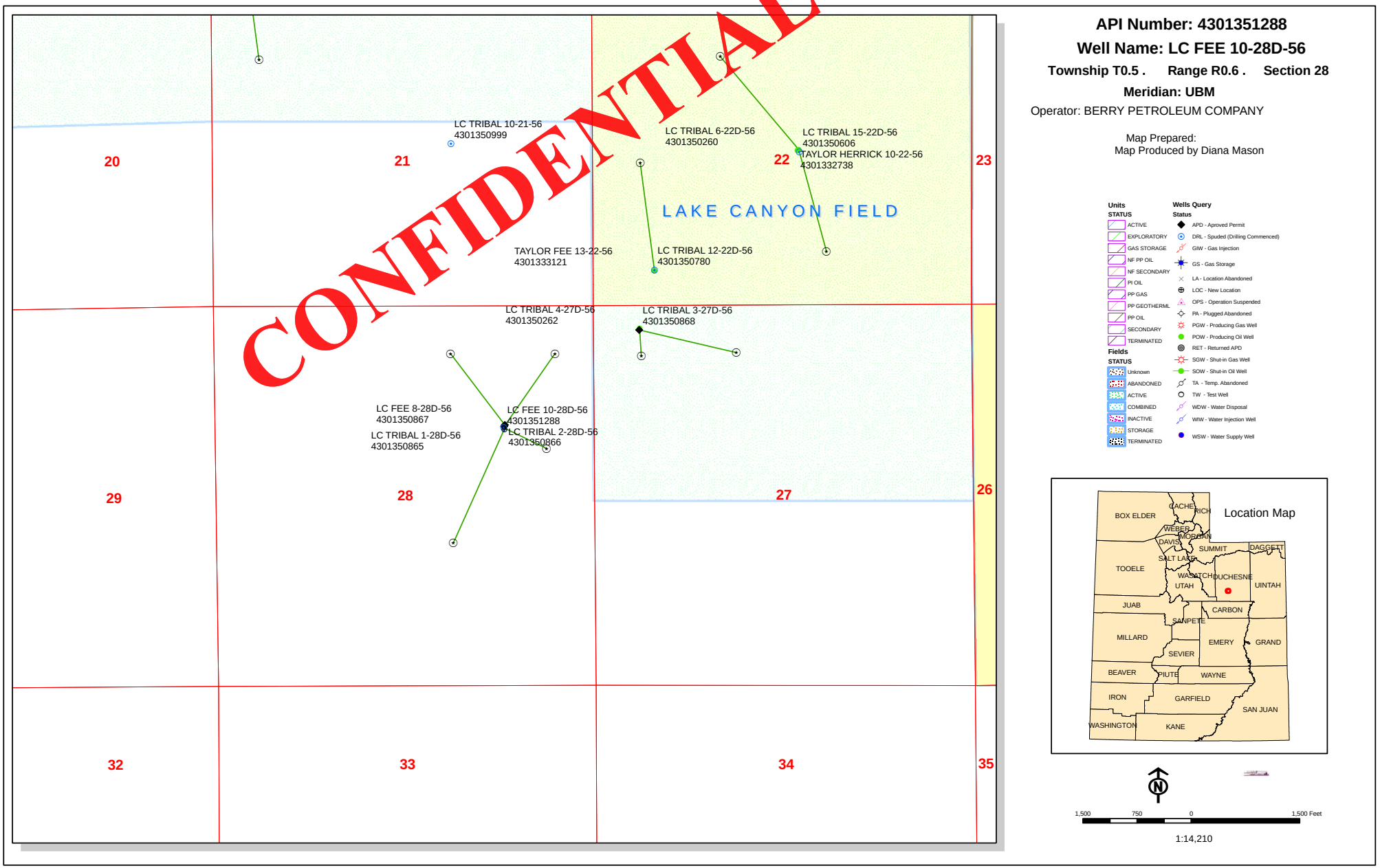
API Well Number: 43013512880000



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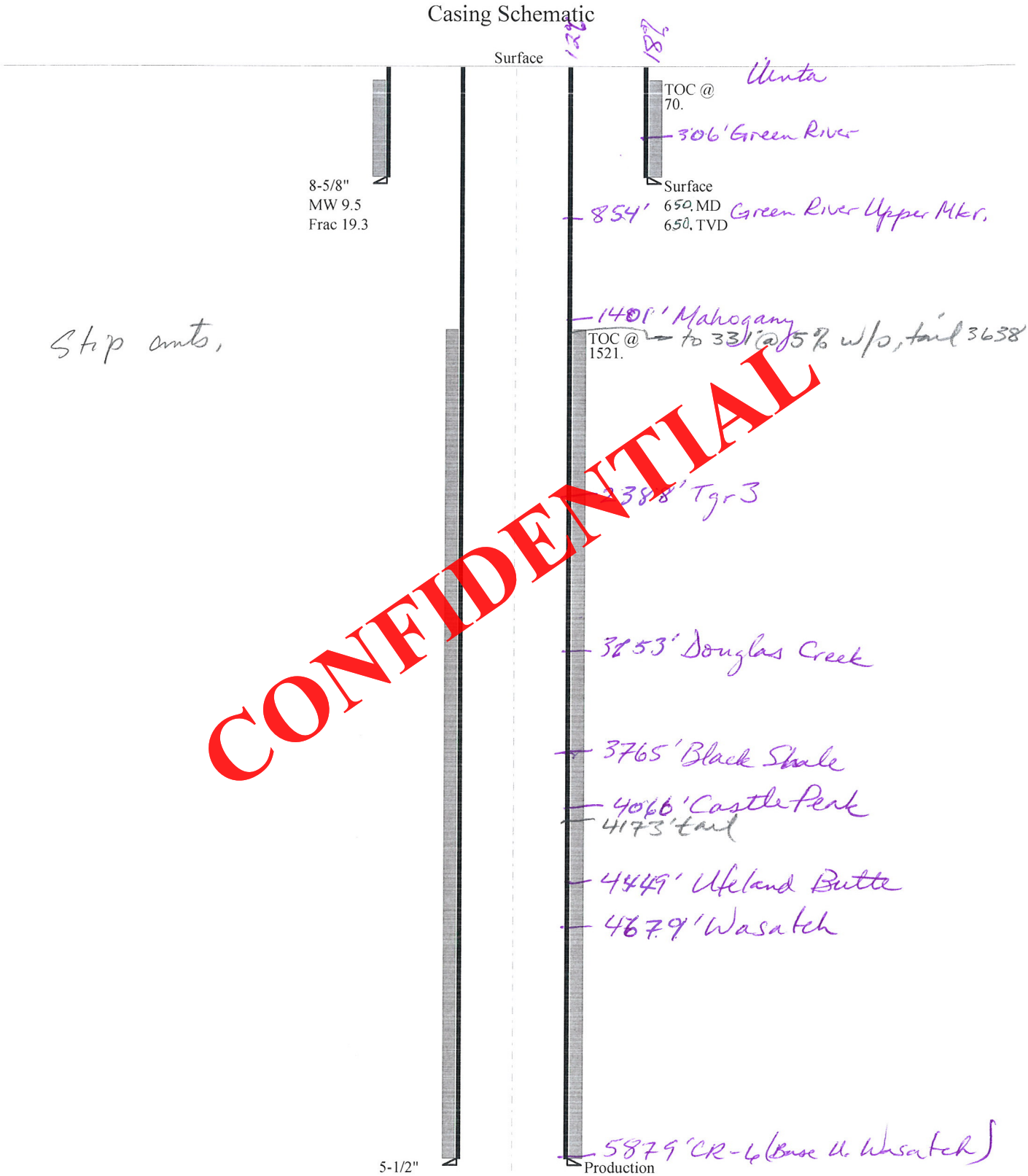
API Well Number: 43013512880000

43013512880000 LC FEE 10-28D-56

Casing Schematic



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1709 NL
-1569
3278
5280
2002 FSL

1243 EL
-698
1941 FEL

NW SE Sec 28-5S-6W USBM

API Well Number: 43013512880000

Well name:	**43013512880000 LC FEE 10-28D-56**
Operator:	**BERRY PETROLEUM COMPANY**
String type:	Surface
Project ID:	43-013-51288
Location:	DUCHESNE COUNTY

Design parameters:

Collapse

Mud weight: 9.500 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 499 psi
Internal gradient: 0.233 psi/ft
Calculated BHP 650 psi

Annular backup: 2.33 ppg

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

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

Tension is based on air weight.
Neutral point: 557 ft

Environment:

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

Cement top: Surface

Directional well information:

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

Re subsequent strings:

Next setting depth: 5,879 ft
Next mud weight: 9.500 ppg
Next setting BHP: 2,901 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 650 ft
Injection pressure: 650 psi

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

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	321	1327	4.136	571	2950	5.16	15.6	244	15.64 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: May 30,2012
Salt Lake City, Utah

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

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

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

API Well Number: 43013512880000

Well name:	**43013512880000 LC FEE 10-28D-56**
Operator:	**BERRY PETROLEUM COMPANY**
String type:	Production
Project ID:	43-013-51288
Location:	DUCHESNE COUNTY

Design parameters:

Collapse

Mud weight: 9.500 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 1,608 psi

Internal gradient: 0.220 psi/ft

Calculated BHP 2,901 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.60 (J)

Body yield: 1.60 (B)

Tension is based on air weight.

Neutral point: 5,489 ft

Environment:

H2S considered? No

Surface temperature: 74 °F

Bottom hole temperature: 156 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 1,000 ft

Cement top: 1,521 ft

Directional Info - Build & Drop

Kick off point 600 ft

Departure at shoe: 1716 ft

Maximum dogleg: 3 °/100ft

Inclination at shoe: 0 °

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Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	6336	5.5	17.00	N-80	LT&C	5879	6336	4.767	35712

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	2901	6290	2.168	2901	7740	2.67	99.9	348	3.48 J

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

Date: May 30,2012
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 5879 ft, a mud weight of 9.5 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

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

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

API Well Number: 43013512880000

BOPE REVIEW BERRY PETROLEUM COMPANY LC FEE 10-28D-56 43013512880000

Well Name	BERRY PETROLEUM COMPANY LC FEE 10-28D-56 43013512880000			
String	SURF	PROD		
Casing Size(")	8.625	5.500		
Setting Depth (TVD)	634	5879		
Previous Shoe Setting Depth (TVD)	0	634		
Max Mud Weight (ppg)	9.5	9.5		
BOPE Proposed (psi)	0	3000		
Casing Internal Yield (psi)	2950	7740		
Operators Max Anticipated Pressure (psi)	2904	9.5		

Calculations	**SURF String**	**8.625**	"
Max BHP (psi)	.052*Setting Depth*MW=	313	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	237	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	174	NO OK
			***Can Full Expected Pressure Be Held At Previous Shoe?**
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	174	NO
Required Casing/BOPE Test Pressure=		634	psi
***Max Pressure Allowed @ Previous Casing Shoe=**		0	psi *Assumes 1psi/ft frac gradient

Calculations	**PROD String**	**5.500**	"
Max BHP (psi)	.052*Setting Depth*MW=	2904	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	2199	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1611	YES OK
			***Can Full Expected Pressure Be Held At Previous Shoe?**
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1750	NO Reasonable for area
Required Casing/BOPE Test Pressure=		3000	psi
***Max Pressure Allowed @ Previous Casing Shoe=**		634	psi *Assumes 1psi/ft frac gradient

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

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

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RECEIVED: May 30, 2012

API Well Number: 43013512880000

AFFIDAVIT OF NOTICE

I, **Kathy Fieldsted**, the affiant herein, being of lawful age and duly sworn upon his oath deposes and states as follows:

Kathy Fieldsted is a Regulatory & Permitting Tech for **Berry Petroleum Company**, a Delaware Corporation, with headquarters located at 1999 Broadway, Suite 3700, Denver, Colorado 80202, and is duly authorized to make this affidavit on behalf of said corporation.

Berry Petroleum Company has submitted notices to commingle production from the Wasatch and Green River formations in the following wells:

LC Fee 10-28D-56

This Affidavit is made in accordance with Utah's Oil, Gas and Mining regulation R649-3-22. As operator, Berry Petroleum Company has provided notices to the owner(s) of all contiguous oil and gas leases or drilling units overlying the pool for the aforementioned wells to the parties listed below:

BIA - Uintah & Ouray Agency
RES, Minerals and Mining
P.O. Box 130
988 South 7500 East
Fort Duchesne, UT 84026
Attn: Paula C Black, Realty Specialist

Bill Barrett Corporation
1099 18th Street, Suite 2300
Denver, CO 80202
Attn: Huntington Walker, Land Manager

This instrument is executed this 5th day of May, 2012.

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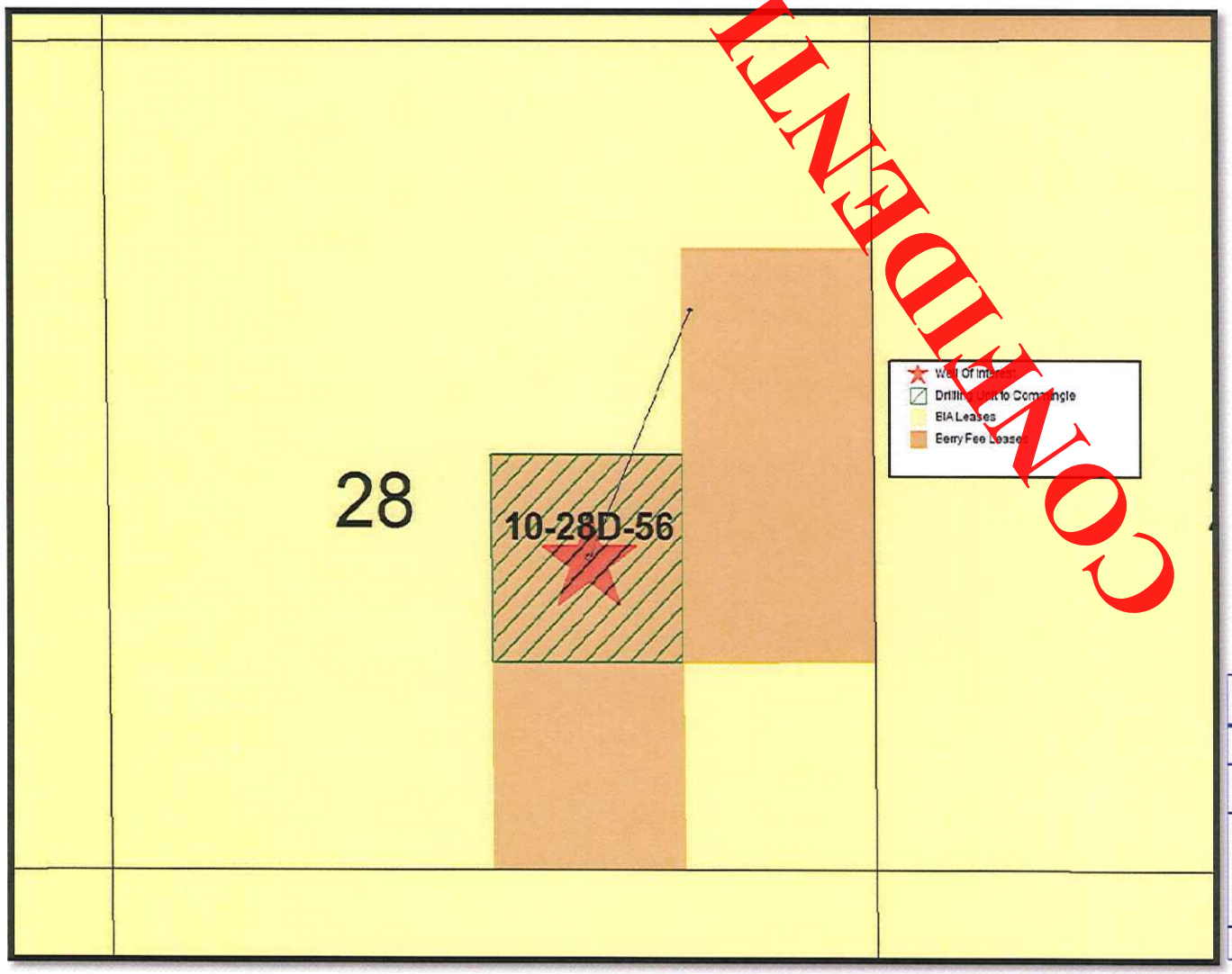
Berry Petroleum Company

By: Kathy Fieldsted

API Well Number: 43013512880000



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Berry Petroleum Company

Commingling Plat

Well LC Fee 10-28D-56

Duchesne Co., UT

0 475

FEET

May 30, 2012

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

Operator BERRY PETROLEUM COMPANY
Well Name LC FEE 10-28D-56
API Number 43013512880000 **APD No** 5431 **Field/Unit** UNDESIGNATED
Location: 1/4,1/4 SENE **Sec** 28 **Tw** 5.0S **Rng** 6.0W 1709 FNL 1243 FEL
GPS Coord (UTM) 537556 4430087 **Surface Owner** Randy Nielsen

Participants

Randy Nielsen surface owner (did not attend); Jeff Crozier (Berry Petroleum Company); Shawn Hawk (Tri-County Land Survey & Consulting); Brian Barnett (BLM); Dennis Ingram (DOGM)

Regional/Local Setting & Topography

As proposed the LC Fee 8-28D-56 is situated in the bottom of the Left Fork of Indian Canyon in Duchesne County Utah. The closest community is Duchesne Utah located ~15 miles northeast. On a local setting the proposed project is located adjacent to State Hwy 191 on the toe slope of a medium sized alluvial fan draining an ephemeral wash. State HWY 191 passes within 150' of the proposed project. Topography in the immediate area consists of deeply cut canyons running in a west to east direction. Slopes in this area are steep shale/clay mixtures dissected by many small to medium shale and silt stone ledges. Canyon bottoms are generally narrow, with small depositional flood plains. Soils are poorly developed, with many sites containing a large percentage of shale fragments. A perennial stream in the Left Fork of Indian Canyon is located within 1/4 mile of the proposed well pad. Associated flood plains are irrigated at this location and appear to be used for range cattle grazing and harvesting of grass hay. A high fenced hunting operation is being established immediately adjacent to the project area. Range cattle grazing and recreation are the primary uses of lands at the local setting.

On a Regional setting the proposed project is located on the northern portions of the Colorado Plateau on the western edge of the Uintah Basin. Drainage flows to the east entering the Right Fork of Indian Canyon within 1/4 mile and the Strawberry River within 15 miles. Topography is a series of narrow ridges and canyon gradually flattening out into a broad valley to the east. Vegetation would be described as a mixture of montane forest and pinyon/juniper woodlands. Range cattle grazing, farming, recreation, and oil and gas development are the primary uses of lands within the Uintah Basin.

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Surface Use Plan

Current Surface Use
Agricultural
Wildlfe Habitat

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

Ancillary Facilities

Existing well pad, the 8-28D-56, operator says no new surface disturbance.

Waste Management Plan Adequate?

Environmental Parameters

RECEIVED: June 11, 2012

Affected Floodplains and/or Wetlands

Flora / Fauna

Existing pad, no new disturbance.
(previously done presite on existing pad)

Flora:
Grass: Blue gramma, Salina wild rye, Indian rice grass, crested wheat grass, cheat grass.
Forbs: Sulfur cinquefoil, alfalfa, yellow flixweed, penstomen spp., rocket gila and prickly lettuce.
Shrubs: Rubber rabbit brush, common snowberry, Wyoming sage, black grease wood, four wing saltbrush, golden current.
Trees: Rocky mountain juniper
Succulents: none

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

Soil Type and Characteristics

Erosion Issues

Sedimentation Issues

Site Stability Issues

Drainage Diversion Required?

Berm Required?

Erosion Sedimentation Control Required?

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

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Reserve Pit

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)	100 to 200	5
Distance to Surface Water (feet)	300 to 1000	2
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)		20
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)		0
Affected Populations		

RECEIVED: June 11, 2012

Presence Nearby Utility Conduits Not Present 0

Final Score 42 1 Sensitivity Level

Characteristics / Requirements

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

All E&P materials, including drill cuttings, shall be contained in steel tanks or an approved pit containing a synthetic liner until it can be demonstrated such materials meet DOGM stands for abandonment. E&P materials, such as drilling cuttings, shall conform to the following DOGM standards prior to abandonment: Electrical Conductivity

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

Other Observations / Comments

Existing well pad and wellbore, second well oon pad, no new surface disturbance,

Dennis Ingram 4/4/2012

Evaluator **Date / Time**

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RECEIVED: June 11, 2012

Application for Permit to Drill
Statement of Basis
Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
5431	43013512880000	LOCKED	OW	P	No
Operator	BERRY PETROLEUM COMPANY		**Surface Owner-APD**	Randy Nielsen	
Well Name	LC FEE 10-28D-56		**Unit**		
Field	UNDESIGNATED		**Type of Work**	DRILL	
Location	SENE 28 5S 6W U 1709 FNL 1243 FEL GPS Coord (UTM) 537556E 4430087N				

Geologic Statement of Basis

Berry proposes to set 550' of surface casing at this location. The base of the moderately saline water is estimated to be at 3,000 feet in this area. This location lies on the Uinta Formation and is located on alluvial valley fill material. The Uinta Formation is not expected to produce prolific aquifers. Water may be found in alluvium deposited in valley floors. A search of Division of Water Rights records indicates 3 water wells within a 10,000 foot radius of the proposed location. One well is within 1/4 mile of the proposed well with a depth listed as 500 feet. The wells are listed as producing from depths of 200, 300 and 500 feet and probably produce from a combination of Uinta Formation and deep valley fill material. The two closest wells are 200 and 500 feet in depth. Listed uses are irrigation , stock watering and domestic use. Surface casing should be extended due to the proximity of the adjacent water well. Production casing cement should be brought up to or above the base of the moderately saline ground water in order to isolate it from fresher water uphole.

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Brad Hill — **APD Evaluator**

4/16/2012 — **Date / Time**

Surface Statement of Basis

Randy Nielsen was contacted prior to the presites by telephone and invited to attend the meeting on April 4, 2012, but did not attend. This well is the second well on an existing well pad, the LC FEE 8-28D-56 and Berry claims there won't be any new surface disturbance. A closed loop system was requested by the operator and all fluids shall remain in steel tanks. Dry cutting can be stored along the uphill or southwestern portion o f the lease. If those cuttings contain drilling mud or oil they shall be placed in a shallow, lined pit or bermed area to prevent fluids from leaching into sub-surface areas.

Dennis Ingram — **Onsite Evaluator**

4/4/2012 — **Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A closed loop mud circulation system is required for this location.
Pits	If drill cuttings contain drilling mud or oil they shall be placed in a shallow, lined pit or bermed area to prevent fluids from leaching into sub-surface areas.

RECEIVED: June 11, 2012

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 3/6/2012 **API NO. ASSIGNED:** 43013512880000

WELL NAME: LC FEE 10-28D-56

OPERATOR: BERRY PETROLEUM COMPANY (N2480) **PHONE NUMBER:** 435 722-1325

CONTACT: Kathy K. Fieldsted

PROPOSED LOCATION: SENE 28 050S 060W **Permit Tech Review:** ✔

SURFACE: 1709 FNL 1243 FEL **Engineering Review:** ✔

BOTTOM: 1980 FSL 1960 FEL **Geology Review:** ✔

COUNTY: DUCHESNE

LATITUDE: 40.02015 **LONGITUDE:** -110.55990

UTM SURF EASTINGS: 537556.00 **NORTHINGS:** 4430087.00

FIELD NAME: UNDESIGNATED

LEASE TYPE: 4 - Fee

LEASE NUMBER: Fee **PROPOSED PRODUCING FORMATION(S):** WASATCH

SURFACE OWNER: 4 - Fee **COALBED METHANE:** NO

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RECEIVED AND/OR REVIEWED:

- ✔ **PLAT**
- ✔ **Bond:** STATE - RLB0005651
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ✔ **Water Permit:** 43-124000
- ☐ **RDCC Review:**
- ✔ **Fee Surface Agreement**
- ✔ **Intent to Commingle**

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit:

- ☐ **R649-3-2. General**
- ☐ **R649-3-3. Exception**
- ✔ **Drilling Unit**

Board Cause No: R649-3-11

Effective Date:

Siting:

- ✔ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations:
5 - Statement of Basis - bhill
10 - Cement Ground Water - hmacdonald
14 - Commingling Temporary Denial - ddoucet
15 - Directional - dmason
23 - Spacing - dmason
25 - Surface Casing - hmacdonald

RECEIVED: June 11, 2012

GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

****

Well Name: LC FEE 10-28D-56
API Well Number: 43013512880000
Lease Number: Fee
Surface Owner: FEE (PRIVATE)
Approval Date: 6/11/2012

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

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

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

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

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

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

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

The 5 ½" casing string cement shall be brought back to ±310' to isolate base of moderately saline ground water.

Surface casing shall be cemented to the surface.

Downhole commingling between formations cannot occur until the provisions of Rule R649-3-22, Completion Into Two or More Pools, have been met.

Additional Approvals:
The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan - contact Dustin Doucet
- Significant plug back of the well - contact Dustin Doucet
- Plug and abandonment of the well - contact Dustin Doucet

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

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

Contact Information:
The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
  801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
  801-231-8956 - after office hours

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

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar

month

- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

For John Rogers
Associate Director, Oil & Gas

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: Fee

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
LC FEE 10-28D-56

2. NAME OF OPERATOR:
BERRY PETROLEUM COMPANY

9. API NUMBER:
43013512880000

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:
1709 FNL 1243 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SENE Section: 28 Township: 05.0S Range: 06.0W Meridian: U

COUNTY:
DUCHESNE

STATE:
UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
✓ SPUD REPORT Date of Spud: 7/2/2012	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

PLEASE NOTE THAT THE LC FEE 10-28D-56 WAS SPUD JULY 2, 2012 AT APPROX. 9:00 AM BY LEON ROSS DRILLING.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
July 03, 2012

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

SIGNATURE	DATE
N/A	7/3/2012

RECEIVED: Jul. 03, 2012

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

CONFIDENTIAL

June 29, 2012 43-013-51288

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

Re: Spud Notice

LC Fee 10-28D-56
SENE 1709 FNL 1243 FEL

Section 28 T5S R6W
Lease # FEE

Beginning at approx. 10:00 am on July 2, 2012.

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

Sincerely,
Kathy Fieldsted

RECEIVED
JUN 2 9 2012
DIV. OF OIL, GAS & MINING

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

FORM 6

ENTITY ACTION FORM

Operator: BERRY PETROLEUM COMPANY
Address: 4000 S. 4028 W.
city ROOSEVELT
state UT zip 84066

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

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301351288	LC FEE 10-28D-56		SENE	28	5S	6W	DUCHESNE
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
A	99999	18591	7/2/2012			7/18/2012	

Comments: SPUD BY LEON ROSS DRILLING
WSTC BHL: nwse
Confidential

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301350866	LC TRIBAL 2-28D-56		SENE	28	5S	6W	DUCHESNE
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
A	99999	18592	7/3/2012			7/18/2012	

Comments: SPUD BY LEON ROSS DRILLING
GRRV BHL: nwne
Confidential

Well 3

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

Comments:

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

RECEIVED
JUL 09 2012
Div. of Oil, Gas & Mining

KATHY K FIELDSTED
Name (Please Print)
Signature
SR. REG & PERMITTING
Title
7/3/2012
Date

(5/2000)

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: Fee

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
LC FEE 10-28D-56

2. NAME OF OPERATOR:
BERRY PETROLEUM COMPANY

9. API NUMBER:
43013512880000

3. ADDRESS OF OPERATOR:
4000 South 4028 West Rt 2 Box 7735 , Roosevelt, UT, 84066

PHONE NUMBER:
303 999-4044 Ext

9. FIELD and POOL or WILDCAT:
LAKE CANYON

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
1709 FNL 1243 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SENE Section: 28 Township: 05.0S Range: 06.0W Meridian: U

COUNTY:
DUCHESNE

STATE:
UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
✓ DRILLING REPORT Report Date: 8/18/2012	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

PLEASE SEE THE ATTACHED DRILLING HISTORY FOR THE LC FEE 10-28D-56.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
August 20, 2012

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

SIGNATURE	DATE
N/A	8/20/2012

RECEIVED: Aug. 20, 2012

Berry Daily Drilling Report

Report Date: 8/6/2012
Report #: 1, DFS:
Depth Progress:

Well Name: LC FEE 10-28D-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State	AFE Number	Total AFE Amount
43013512880000	SENE Sec 28 T5S-R6W	8-5-2012	Utah	C12 032036	

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)	Daily Cost	Cum Cost To Date
8/8/2012 11:30:00 PM		19.00	6,696		

Operations at Report Time	Operations Next 24 Hours	Daily Mud Cost	Mud Additive Cost To Date
Rig idle waiting on trucks	Rig move		

Operations Summary	Depth Start (ftKB)	Depth End (ftKB)
Rig down top drive and back yard.	0	0

Remarks	Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)
Safety meeting: Top drive ly/out.		

Weather	Temperature (°F)	Road Condition	Hole Condition	Target Formation	Target Depth (ftKB)
Cloudy	64.0	Dry		CR-6	6,336

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Conductor	109	14	14" conductor set by Leon Ross

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
18:00	06:00	12.00	inactive	Rig down

Mud Checks

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

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

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

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

Air Data

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

Corrosion Inhibitor Injected in 24hr Period

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

Drill Strings

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

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

Drill String Components

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

Drilling Parameters

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

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

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

Deviation Surveys

<Description?>

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
203...	8/11/2012						

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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Daily Contacts

Job Contact	Mobile
George Urban	970-812-0068

Rigs

Contractor	Rig Number
Pioneer	65

Mud Pumps

1, Bomco, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0	2 1/2	10.00

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

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

2, Bomco, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0	2 1/2	10.00

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

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

Mud Additive Amounts

Description	Consumed	Daily Cost

Job Supplies

Diesel Fuel, gal us

Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
10,850.0	8,808.0	

Diesel Fuel Consumption

Date	consumed
8/7/2012	
8/8/2012	250.0
8/9/2012	584.0
8/10/2012	835.0
8/11/2012	766.0
8/12/2012	705.0
8/13/2012	1,534.0
8/14/2012	1,144.0
8/15/2012	1,223.0
8/16/2012	950.0
8/17/2012	817.0

Berry Daily Drilling Report

Report Date: 8/7/2012
Report #: 2, DFS:
Depth Progress:

Well Name: LC FEE 10-28D-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State	AFE Number	Total AFE Amount
43013512880000	SENE Sec 28 T5S-R6W	8-5-2012	Utah	C12 032036	
Spud Date	**Rig Release Date**	**KB-Ground Distance (ft)**	**Ground Elevation (ftKB)**	**Daily Cost**	**Cum Cost To Date**
8/8/2012 11:30:00 PM		19.00	6,696	35,265	35,265
Operations at Report Time		**Operations Next 24 Hours**		**Daily Mud Cost**	**Mud Additive Cost To Date**
Rig idle waiting on trucks		Rig move and rig up.			
				Depth Start (ftKB)	**Depth End (ftKB)**
				0	0
				Depth Start (TVD) (ftKB)	**Depth End (TVD) (ftKB)**
				Target Formation	**Target Depth (ftKB)**
				CR-6	6,336

Operations Summary

Raise drlg line spool on to carrier, lower derrick, load out mud pumps, change house, koomey, fuel tank. Use crane to remove top drive, ST-80, dog house, V-door, bop, hopper house. Scope in sub and pin, pull carrier off mud boat, unpin mud boat. Load out sub. Spotted mud tanks, set in sub and level, set mud boat and back carrier in place. Set dog house. gas buster and stairs.
60% set in place on new well.
RW Jones Trucking used 4 bed trucks, 1 crane, 1 forklift, 1- pushers and 4-swampers. Jones snapped the walking beam on rear axle of truck hauling the sub, took extra hour to change out trucks.

Remarks

Safety meeting: Top drive, R/D.

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	56.0	Dry	

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Conductor	109	14	14" conductor set by Leon Ross

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	20:00	14.00	Rig Up & Tear Down	Raise drlg line spool on to carrier, lower derrick, load out mud pumps, change house, koomey, fuel tank. Use crane to remove top drive, ST-80, dog house, V-door, bop, hopper house. Scope in sub and pin, pull carrier off mud boat, unpin mud boat. Load out sub. Spotted mud tanks, set in sub and level, set mud boat and back carrier in place. Set dog house. gas buster and stairs. 60% set in place on new well. RW Jones Trucking used 4 bed trucks, 1 crane, 1 forklift, 1- pushers and 4-swampers. RW Jones snapped the walking beam on rear axle of truck hauling the sub, took extra hour to change out trucks.
20:00	06:00	10.00	Inactive	Rig idle

Mud Checks

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

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

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

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

Air Data

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

Corrosion Inhibitor Injected in 24hr Period

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

Drill Strings

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

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

Drill String Components

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

Daily Contacts

Job Contact	Mobile
George Urban	970-812-0068

Rigs

Contractor	Rig Number
Pioneer	65

Mud Pumps

1, Bomco, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0	2 1/2	10.00

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

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

2, Bomco, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0	2 1/2	10.00

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

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

Mud Additive Amounts

Description	Consumed	Daily Cost

Job Supplies

Diesel Fuel, gal us

Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
10,850.0	8,808.0	

Diesel Fuel Consumption

Date	consumed
8/7/2012	
8/8/2012	250.0
8/9/2012	584.0
8/10/2012	835.0
8/11/2012	766.0
8/12/2012	705.0
8/13/2012	1,534.0
8/14/2012	1,144.0
8/15/2012	1,223.0
8/16/2012	950.0
8/17/2012	817.0

Berry Daily Drilling Report

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

Well Name: LC FEE 10-28D-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013512880000	SENE Sec 28 T5S-R6W	8-5-2012	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
8/8/2012 11:30:00 PM		19.00	6,696

AFE Number	Total AFE Amount
C12 032036	
Daily Cost	**Cum Cost To Date**
49,686	84,951
Daily Mud Cost	**Mud Additive Cost To Date**
Depth Start (ftKB)	**Depth End (ftKB)**
0	0
Depth Start (TVD) (ftKB)	**Depth End (TVD) (ftKB)**
Target Formation	**Target Depth (ftKB)**
CR-6	6,336

Operations at Report Time
Ready to p/u top drive.

Operations Next 24 Hours
Install top drive, rig inspection, load bha on racks, make up bit and spud.

Operations Summary
PJSM w/RW Jones Trucking and rig crews. Move and set in 2-gen sets, 1-SCR unit..Raise sub, rig up floor, ST-80, set in cat walk & V-door, raise derrick, set in cuttings tank hopper house & Zeco centrifuge, set in 3-frac tanks,fuel tank, koomey house, run electrical lines and water lines, hook up fuel lines. Released trucks @ 13:00 hrs.
90% rigged up.

Remarks
Safety meeting: 3rd party trucking & rig up.

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	58.0	Dry	

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Conductor	109	14	14" conductor set by Leon Ross

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	18:00	12.00	Rig Up & Tear Down	PJSM w/RW Jones Trucking and rig crews. Move and set in 2-gen sets, 1-SCR unit..Raise sub, rig up floor, ST-80, set in cat walk & V-door, raise derrick, set in cuttings tank & Zeco centrifuge, hopper house & stand, set in 3-frac tanks,fuel tank, koomey house, run electrical lines and water lines, hook up fuel lines. Released trucks @ 13:00 hrs. 90% rigged up.
18:00	06:00	12.00	Inactive	Rig Idle

Mud Checks

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

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

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

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

Air Data

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

Corrosion Inhibitor Injected in 24hr Period

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

Drill Strings

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

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

Drill String Components

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

Drilling Parameters

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

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

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

Deviation Surveys

<Description?>

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
203...	8/11/2012						

Daily Contacts

Job Contact	Mobile
George Urban	970-812-0068

Rigs

Contractor	Rig Number
Pioneer	65

Mud Pumps

 # 1, Bomco, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0	2 1/2	10.00

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

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

 # 2, Bomco, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0	2 1/2	10.00

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

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

Mud Additive Amounts

Description	Consumed	Daily Cost

Job Supplies

Diesel Fuel, gal us

Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
10,850.0	8,808.0	

Diesel Fuel Consumption

Date	consumed
8/7/2012	
8/8/2012	250.0
8/9/2012	584.0
8/10/2012	835.0
8/11/2012	766.0
8/12/2012	705.0
8/13/2012	1,534.0
8/14/2012	1,144.0
8/15/2012	1,223.0
8/16/2012	950.0
8/17/2012	817.0

Berry Daily Drilling Report

Report Date: 8/9/2012
Report #: 4, DFS: 0.3
Depth Progress: 179

Well Name: LC FEE 10-28D-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State	AFE Number	Total AFE Amount
43013512880000	SENE Sec 28 T5S-R6W	8-5-2012	Utah	C12 032036	
Spud Date	**Rig Release Date**	**KB-Ground Distance (ft)**	**Ground Elevation (ftKB)**	**Daily Cost**	**Cum Cost To Date**
8/8/2012 11:30:00 PM		19.00	6,696	45,403	130,354

Operations at Report Time	Operations Next 24 Hours	Daily Mud Cost	Mud Additive Cost To Date
Drilling @ 288'	Drill 12 1/4 hole, circ & sweep hole, pooh, run 8 5/8 csg, cement , woc, weld on well head,, N/U bop & test.		

Depth Start (ftKB)	Depth End (ftKB)
109	288
Depth Start (TVD) (ftKB)	**Depth End (TVD) (ftKB)**
109	288
Target Formation	**Target Depth (ftKB)**
CR-6	6,336

Operations Summary

Rig up top drive torque tube, float in top drive and make up to blocks, hook up service loop plug in top drive and test, Make up kelly hose, rig up and test ST-80, make up bailes and elevators, install shaker screens, function test mud pumps, set and test C.O.M.Weld on 14" drilling riser, clean cement out of flow line and nipple up same. Welder modified shaker slides, install mouse hole, rig up tongs and perform pre spud rig inspection. Make up bha, tih, drill f/110' to 288'.

Remarks

Safety meeting: Rigging up top drive.
Spud well @ 23:30 on 8-8-2012

Weather	Temperature (°F)	Road Condition	Hole Condition
Partly Cloudy	63.0	Dry	Good

Daily Contacts

Job Contact	Mobile
George Urban	970-812-0068

Rigs

Contractor	Rig Number
Pioneer	65

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Conductor	109	14	14" conductor set by Leon Ross

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	18:00	12.00	Rig Up & Tear Down	Rig up top drive torque tube, float in top drive and make up to blocks, hook up service loop plug in top drive and test, Make up kelly hose, rig up and test ST-80, make up bailes and elevators, install shaker screens, function test mud pumps, set and test C.O.M.
18:00	20:00	2.00	Miscellaneous	Weld on 14" drilling riser, clean cement out of flow line and nipple up same. Welder modified shaker slides, install mouse hole, rig up tongs and perform pre spud rig inspection.
20:00	23:30	3.50	Miscellaneous	Load racks w/8" DC, 6 1/2 DC and HWDP, strap & caliper, make up bit, F/S, shock sub & 8" DC tag @ 109'
23:30	03:30	4.00	Drilling	Spud 12 1/4 hole! f/110' to 179'
03:30	04:00	0.50	Miscellaneous	Flow line plugged off, rig up jet line.
04:00	06:30	2.50	Drilling	Drill f/179' to

Mud Pumps

 # 1, Bomco, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0	2 1/2	10.00

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

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

 # 2, Bomco, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0	2 1/2	10.00

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

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

Mud Additive Amounts

Description	Consumed	Daily Cost

Job Supplies

Diesel Fuel, gal us

Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
10,850.0	8,808.0	

Diesel Fuel Consumption

Date	consumed
8/7/2012	
8/8/2012	250.0
8/9/2012	584.0
8/10/2012	835.0
8/11/2012	766.0
8/12/2012	705.0
8/13/2012	1,534.0
8/14/2012	1,144.0
8/15/2012	1,223.0
8/16/2012	950.0
8/17/2012	817.0

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Gel-Chem	06:00	150.0	9.00	50		

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

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

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

Air Data

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

Corrosion Inhibitor Injected in 24hr Period

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

Drill Strings

BHA #1, Surface

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
1	12 1/4in, S616, 1164	-------	2.65

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
24/24/24/24/24/24	670.24	42	39.0

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
0	Drill Pipe	4 1/2	0.00							
1	XO Sub	6								

Berry Daily Drilling Report

Report Date: 8/9/2012
Report #: 4, DFS: 0.3
Depth Progress: 179

Well Name: LC FEE 10-28D-56

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft (ft)	min gpm (gpm)	max gpm (gpm)	SN
12	HWDP	4 1/2	413.00						9,651	
6	Drill Collar	6 1/4	180.03							
1	XO Sub	8	3.00							
2	Drill Collar	8	61.00							
1	Shock Sub	8	9.36							
1	Bit Sub w/Float	8	3.85							

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Curn Depth (ft)	Drill Time (hrs)	Curn Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)
Original Hole	109.0	288.0	179.00	6.50	6.50	27.5	400

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
6	70	250.0	44	44	44	5.0	

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

Deviation Surveys

<Description?>

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
203...	8/11/2012						

Survey Data

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

Berry Daily Drilling Report

Report Date: 8/10/2012
Report #: 5, DFS: 1.3
Depth Progress: 387

Well Name: LC FEE 10-28D-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State	AFE Number	Total AFE Amount
43013512880000	SENE Sec 28 T5S-R6W	8-5-2012	Utah	C12 032036	
Spud Date	**Rig Release Date**	**KB-Ground Distance (ft)**	**Ground Elevation (ftKB)**	**Daily Cost**	**Cum Cost To Date**
8/8/2012 11:30:00 PM		19.00	6,696	51,804	182,158
Daily Mud Cost	**Mud Additive Cost To Date**				
Depth Start (ftKB)	**Depth End (ftKB)**				
288	675				
Depth Start (TVD) (ftKB)	**Depth End (TVD) (ftKB)**				
288	674				
Target Formation	**Target Depth (ftKB)**				
CR-6	6,336				

Operations at Report Time
Welding on well head.

Operations Next 24 Hours
N/U bop, test, hook up flow line, load bha on racks, p/u bha tih, drill out.

Operations Summary
Drill f/288' to 670', circ 2-20 bbl sweeps around, pooh,ly/dn bha, C/O short bailes for long bailes. PJSM w/WFT casing and rig up. Ran 17 jts 8 5/8 24# J55 Lida. Guide shoe @ 665' F/C @ 626'. R/D casers, R/U cementers, pjsm and test lines, Pump 20 bbl fresh water, pump 350 sks, 2% CaCL, 1/4# sk flocele, 15.8 ppg, 1.15 yield, MWR 5 gal/sk, flush lines, drop plug and displace with 38 bbls fresh water, FCP-260 psi, bumped plug w/ 600 psi, floats held. 18 bbls cement to surface, full returns through out job. WOC, Cut off 14" drilling riser, rough cut 8 5/8 casing, ly/out casing and drilling riser. Dress casing and weld on Cameron well head.

Remarks
Safety meeting: Running casing.

Weather	Temperature (°F)	Road Condition	Hole Condition
Partly Cloudy	57.0	Wet	Good

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	665	8 5/8	8 5/8 set @ 665', F/C @ 626'

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	14:00	8.00	Drilling	Drill f/288' to 670', 550 gpm,26k wob, 90 rpm, rop 47.7 fph
14:00	15:00	1.00	Condition Mud & Circulate	Pump 2-20 bbl hi-vis lcm sweeps around.
15:00	17:00	2.00	Trips	POOH, ly/dn 2-8" DC, 4 6 1/2" DC, shock sub & bit.
17:00	18:00	1.00	Miscellaneous	C/O short bailes for long bailes.
18:00	18:30	0.50	Run Casing & Cement	PJSM w/WFT casing and rig up.
18:30	20:00	1.50	Run Casing & Cement	Ran 17 jts 8 5/8 24# J55 Lida. Guide shoe @ 665' F/C @ 626'.
20:00	20:30	0.50	Run Casing & Cement	Rig down WFT/TRS
20:30	21:30	1.00	Run Casing & Cement	Rig up Pro Petro cementers & test lines to 1500 psi.
21:30	00:00	2.50	Run Casing & Cement	Pump 20 bbl fresh water, pump 350 sks, 2% CaCL, 1/4# sk flocele, 15.8 ppg, 1.15 yield, MWR 5 gal/sk, flush lines, drop plug and displace with 38 bbls fresh water, FCP-260 psi, bumped plug w/ 600 psi, floats held. 18 bbls cement to surface, full returns through out job. CIP @ 24:00 8-9-2012.
00:00	03:00	3.00	Wait on Cement	Wait on cement, rig dn/cementers.
03:00	06:00	3.00	Miscellaneous	Cut off 14" drilling riser, rough cut 8 5/8 casing, ly/out casing and drilling riser. Dress casing and weld on Cameron well head.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Gel-Chem	06:00	620.0	9.00	50		

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

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

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

Air Data

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

Corrosion Inhibitor Injected in 24hr Period

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

Drill Strings

BHA #1, Surface

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
1	12 1/4in, S616, 1164	-------	2.65

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
24/24/24/24/24/24	670.24	42	39.0

Daily Contacts

Job Contact	Mobile
George Urban	970-812-0068

Rigs

Contractor	Rig Number
Pioneer	65

Mud Pumps

 # 1, Bomco, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0	2 1/2	10.00

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

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

 # 2, Bomco, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0	2 1/2	10.00

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

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

Mud Additive Amounts

Description	Consumed	Daily Cost

Job Supplies

Diesel Fuel, gal us

Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
10,850.0	8,808.0	

Diesel Fuel Consumption

Date	consumed
8/7/2012	
8/8/2012	250.0
8/9/2012	584.0
8/10/2012	835.0
8/11/2012	766.0
8/12/2012	705.0
8/13/2012	1,534.0
8/14/2012	1,144.0
8/15/2012	1,223.0
8/16/2012	950.0
8/17/2012	817.0

Berry Daily Drilling Report

Report Date: 8/10/2012
Report #: 5, DFS: 1.3
Depth Progress: 387

Well Name: LC FEE 10-28D-56

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft (ft)	min gpm (gpm)	max gpm (gpm)	SN
0	Drill Pipe	4 1/2	0.00							
1	XO Sub	6								
12	HWDP	4 1/2	413.00						9,651	
6	Drill Collar	6 1/4	180.03							
1	XO Sub	8	3.00							
2	Drill Collar	8	61.00							
1	Shock Sub	8	9.36							
1	Bit Sub w/Float	8	3.85							

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	288.0	675.0	566.00	8.00	14.50	48.4	420

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
24	90	650.0	50	54	49	6.0	

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) ...

Deviation Surveys

<Description?>

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
203...	8/11/2012						

Survey Data

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

Berry Daily Drilling Report

Report Date: 8/11/2012
Report #: 6, DFS: 2.3
Depth Progress: 256

Well Name: LC FEE 10-28D-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State	AFE Number	Total AFE Amount
43013512880000	SENE Sec 28 T5S-R6W	8-5-2012	Utah	C12 032036	
Spud Date	**Rig Release Date**	**KB-Ground Distance (ft)**	**Ground Elevation (ftKB)**	**Daily Cost**	**Cum Cost To Date**
8/8/2012 11:30:00 PM		19.00	6,696	49,227	231,385

Operations at Report Time	Operations Next 24 Hours	Daily Mud Cost	Mud Additive Cost To Date
Drilling @ 926'.	Drill 7 7/8 production hole.		

Operations Summary
Install well head, N/U bop, test BOP 3000 psi Hi 250 low, Install rotating head and flow line. Flow line to long call out welder. P/U bha #2 scribe, tih, drill out shoe track and drill 7 7/8 hole to 926'.

Remarks
Safety meeting: N/U BOP & test.

Depth Start (ftKB)	Depth End (ftKB)
670	926
Depth Start (TVD) (ftKB)	**Depth End (TVD) (ftKB)**
669	923
Target Formation	**Target Depth (ftKB)**
CR-6	6,336

Weather	Temperature (°F)	Road Condition	Hole Condition
Partly Cloudy	56.0	Wet	Good

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	665	8 5/8	8 5/8 set @ 665', F/C @ 626'

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	07:30	1.50	Miscellaneous	Weld on well head and test.
07:30	13:00	5.50	NU/ND BOP	N/U BOP.
13:00	17:00	4.00	Test BOP	Test BOP 3000 psi Hi 250 low, upper and lower kelly valve, safety valve, choke line and manifold, blind rams, pipe rams. Test casing & hydrill 1500 psi. Rig down tester.
17:00	20:00	3.00	Miscellaneous	Install rotating head and flow line. Flow line to long call out welder.
20:00	23:00	3.00	Miscellaneous	Pk/up & mk/up BHA #2 scribe motor & program MWD.
23:00	00:30	1.50	Trips	TIH to shoe.
00:30	02:30	2.00	Condition Mud & Circulate	Drill out shoe track 601' to 670'.
02:30	06:00	3.50	Drilling	Drill rotate/slide f/670' to 926'

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Gel-Chem	06:00	825.0	9.00	38		

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

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

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

Air Data

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

Corrosion Inhibitor Injected in 24hr Period

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

Drill Strings

BHA #2, Steerable

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
1	7 7/8in, Q506F, 7032118	--------	1.50

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
18/18/18/18/18/18	535,079.50	10,461	91.0

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft (ft)	min gpm (gpm)	max gpm (gpm)	SN
169	Drill Pipe	5	534,05...							
1	XO	6 1/4	1.72							
28	HWDP	4 1/2	859.79							
2	Drill Collar	6 1/4	60.79							
1	NMDC	6 1/4	30.22							
1	GAP SUB	6 1/4	4.60							
1	FLEX COLLAR	6 1/4	28.29							
1	UBHO	6 1/4	2.55							
1	Mud Motor 1.83 bend .16 revs	6 1/2	31.57	7.8	3.3	0.160	4.62	200	500	6145

Daily Contacts

Job Contact	Mobile
George Urban	970-812-0068

Rigs

Contractor	Rig Number
Pioneer	65

Mud Pumps

1, Bomco, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0	2 1/2	10.00

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

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

2, Bomco, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0	2 1/2	10.00

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

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

Mud Additive Amounts

Description	Consumed	Daily Cost

Job Supplies

Diesel Fuel, gal us

Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
10,850.0	8,808.0	

Diesel Fuel Consumption

Date	consumed
8/7/2012	
8/8/2012	250.0
8/9/2012	584.0
8/10/2012	835.0
8/11/2012	766.0
8/12/2012	705.0
8/13/2012	1,534.0
8/14/2012	1,144.0
8/15/2012	1,223.0
8/16/2012	950.0
8/17/2012	817.0

Berry Daily Drilling Report

Report Date: 8/11/2012
Report #: 6, DFS: 2.3
Depth Progress: 256

Well Name: LC FEE 10-28D-56

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)
Original Hole	670.0	926.0	256.00	3.50	3.50	73.1	488

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
14	50	1,125.0	60	65	62	2.0	

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) ...

Deviation Surveys

<Description?>

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
203...	8/11/2012						

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
692.00	5.20	236.10	691.05	-17.50	-26.05	26.57	0.75
754.00	5.20	225.10	752.80	-21.05	-30.37	31.56	1.61
846.00	8.10	209.80	844.18	-29.62	-36.54	41.90	3.67
906.00	9.70	207.10	903.45	-37.79	-40.95	51.16	2.76

Berry Daily Drilling Report

Report Date: 8/12/2012
Report #: 7, DFS: 3.3
Depth Progress: 2,300

Well Name: LC FEE 10-28D-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State	AFE Number	Total AFE Amount
43013512880000	SENE Sec 28 T5S-R6W	8-5-2012	Utah	C12 032036	

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)	Daily Cost	Cum Cost To Date
8/8/2012 11:30:00 PM		19.00	6,696	35,771	267,156

Operations at Report Time	Operations Next 24 Hours	Daily Mud Cost	Mud Additive Cost To Date
Drilling @ 3226'	Drill 7 7/8 production hole.	2,561	2,561

Depth Start (ftKB)	Depth End (ftKB)
926	3,226
Depth Start (TVD) (ftKB)	**Depth End (TVD) (ftKB)**
923	2,913
Target Formation	**Target Depth (ftKB)**
CR-6	6,336

Operations Summary
Drill rotate/slide/survey f/926' to 1964', rig serv, work balled up bit 1964' to 1970', Drill rotate/slide/survey f/1970' to 3226'.

Remarks
Safety meeting: Mixing chemicals.
BOP drill

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

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	665	8 5/8	8 5/8 set @ 665', F/C @ 626'

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	17:00	11.00	Drilling	Drill rotate/slide & survey f/926' to 1964', 16k wob, 488 gpm, 50 top drive, avg rop 94.4 fph.
17:00	17:30	0.50	Lubricate Rig	Rig service & bop drill.
17:30	18:00	0.50	Condition Mud & Circulate	Work balled up bit f/1964' to 1970'
18:00	06:00	12.00	Drilling	Drill rotate/slide & survey f/1970' to 3226', 24k wob, 488 gpm, 60 top drive, avg rop 104.6 fph.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Gel-Chem	06:00	1,600.0	9.15	37		6.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
6.000	20.000	38.000	20.0	3	10.0	2.7

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
		97.3	1,100.000	15.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
					480.0

Air Data

8/11/2012 06:00

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)
		9.35	

Corrosion Inhibitor Injected In 24hr Period

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

Drill Strings

BHA #2, Steerable

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
1	7 7/8in, Q506F, 7032118	-------	1.50

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
18/18/18/18/18/18	535,079.50	10,461	91.0

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft (ft)	min gpm (gpm)	max gpm (gpm)	SN
169	Drill Pipe	5	534,05...							
1	XO	6 1/4	1.72							
28	HWDP	4 1/2	859.79							
2	Drill Collar	6 1/4	60.79							
1	NMDC	6 1/4	30.22							
1	GAP SUB	6 1/4	4.60							
1	FLEX COLLAR	6 1/4	28.29							
1	UBHO	6 1/4	2.55							
1	Mud Motor 1.83 bend .16 revs	6 1/2	31.57	7.8	3.3	0.160	4.62	200	500	6145

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	926.0	3,226.0	2,556.00	23.00	26.50	100.0	488

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
24	60	1,650.0	60	78	65	7,000.0	

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

Daily Contacts

Job Contact	Mobile
George Urban	970-812-0068

Rigs

Contractor	Rig Number
Pioneer	65

Mud Pumps

 # 1, Bomco, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0	2 1/2	10.00

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

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

 # 2, Bomco, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0	2 1/2	10.00

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

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

Mud Additive Amounts

Description	Consumed	Daily Cost
Anco Lignite	4.0	31.00
Bicarb	7.0	105.84
Engineering	1.0	375.00
Hi Yield Gel	177.0	1,274.40
Mica	3.0	25.08
Pallets	3.0	54.00
Shrink Wrap	3.0	54.00
Tax	110.3	110.30
Trucking	500.0	500.00
Walnut Hulls	3.0	31.35

Job Supplies

Diesel Fuel, gal us

Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
10,850.0	8,808.0	

Diesel Fuel Consumption

Date	consumed
8/7/2012	
8/8/2012	250.0
8/9/2012	584.0
8/10/2012	835.0
8/11/2012	766.0
8/12/2012	705.0
8/13/2012	1,534.0
8/14/2012	1,144.0
8/15/2012	1,223.0
8/16/2012	950.0
8/17/2012	817.0

Berry Daily Drilling Report

Report Date: 8/12/2012
Report #: 7, DFS: 3.3
Depth Progress: 2,300

Well Name: LC FEE 10-28D-56

Deviation Surveys
<Description?>

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
203...	8/11/2012						

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
969.00	10.40	207.90	965.48	-47.54	-46.03	62.13	1.13
1,033.00	12.30	210.60	1,028.23	-58.51	-52.20	74.66	3.08
1,096.00	16.00	212.90	1,089.31	-71.59	-60.34	89.91	5.94
1,159.00	19.10	209.80	1,149.37	-87.82	-70.18	108.75	5.14
1,221.00	18.90	205.00	1,208.00	-105.73	-79.46	128.88	2.54
1,284.00	19.60	200.20	1,267.48	-124.89	-87.42	149.62	2.75
1,347.00	21.80	195.40	1,326.41	-146.09	-94.18	171.74	4.41
1,411.00	23.30	196.00	1,385.52	-169.72	-100.83	196.03	2.37
1,474.00	25.10	200.10	1,442.98	-194.25	-108.85	221.71	3.91
1,537.00	26.30	200.80	1,499.75	-219.84	-118.40	248.98	1.96
1,600.00	26.30	199.30	1,556.23	-246.06	-127.97	276.82	1.05
1,662.00	27.70	198.10	1,611.47	-272.73	-136.99	304.85	2.42
1,726.00	26.30	196.00	1,668.49	-300.50	-145.52	333.69	2.65
1,787.00	27.10	195.40	1,722.99	-326.88	-152.93	360.82	1.38
1,851.00	30.20	197.60	1,779.15	-356.29	-161.67	391.24	5.12
1,914.00	32.50	198.90	1,832.95	-387.41	-171.95	423.85	3.81
1,978.00	33.30	199.60	1,886.68	-420.23	-183.41	458.50	1.38
2,040.00	34.50	199.20	1,938.14	-452.84	-194.90	492.97	1.97
2,104.00	34.40	198.00	1,990.92	-487.15	-206.44	529.01	1.07
2,167.00	31.90	196.70	2,043.66	-520.03	-216.73	563.23	4.13
2,231.00	32.30	198.10	2,097.88	-552.48	-226.90	597.02	1.32
2,294.00	33.90	200.60	2,150.65	-584.93	-238.31	631.31	3.34
2,357.00	35.50	202.60	2,202.45	-618.26	-251.52	667.14	3.12
2,421.00	37.00	204.10	2,254.06	-653.00	-266.53	704.98	2.72
2,485.00	36.60	204.90	2,305.31	-687.89	-282.43	743.31	0.98
2,547.00	36.70	204.40	2,355.05	-721.52	-297.86	780.32	0.51
2,609.00	36.90	206.60	2,404.70	-755.04	-313.85	817.44	2.15
2,672.00	36.20	206.30	2,455.31	-788.63	-330.56	854.92	1.15
2,734.00	35.30	206.00	2,505.63	-821.14	-346.53	891.12	1.48
2,798.00	34.70	205.80	2,558.05	-854.17	-362.56	927.80	0.95
2,861.00	34.50	206.80	2,609.91	-886.24	-378.41	963.55	0.96
2,925.00	34.60	207.40	2,662.62	-918.55	-394.95	999.79	0.55
2,988.00	34.70	207.00	2,714.45	-950.41	-411.32	1,035.55	0.39
3,050.00	33.10	206.70	2,765.91	-981.26	-426.94	1,070.08	2.59
3,113.00	33.30	205.50	2,818.62	-1,012.23	-442.11	1,104.55	1.09
3,176.00	33.00	203.50	2,871.37	-1,043.58	-456.40	1,139.00	1.80

Berry Daily Drilling Report

Report Date: 8/13/2012
Report #: 8, DFS: 4.3
Depth Progress: 1,951

Well Name: LC FEE 10-28D-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013512880000	SENE Sec 28 T5S-R6W	8-5-2012	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
8/8/2012 11:30:00 PM		19.00	6,696

AFE Number	Total AFE Amount
C12 032036	

Daily Cost	Cum Cost To Date
37,264	304,420

Daily Mud Cost	Mud Additive Cost To Date
3,884	6,445

Depth Start (ftKB)	Depth End (ftKB)
3,226	5,177

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)
2,913	4,749

Target Formation	Target Depth (ftKB)
CR-6	6,336

Operations at Report Time
Drilling @ 5177'

Operations Next 24 Hours
Drill 7 7/8 production hole, TD, circ 2-20 bbl sweeps and pooh.

Operations Summary
Drill rotate/slide & survey f/3226' to 3917', rig serv, drill f/3917' to 4798', circ out gas kick, drill f/4798' to 4930',circ & build volume, drill f/4930' to 5177'.

Remarks
Safety meeting:ST-80 pinch points.
Lost 200 bbl last 24 hrs. total for well 260 bbl

Weather	Temperature (°F)	Road Condition	Hole Condition
Partly Cloudy	64.0	Dry	Good

Daily Contacts

Job Contact	Mobile
George Urban	970-812-0068

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	665	8 5/8	8 5/8 set @ 665', F/C @ 626'

Rigs

Contractor	Rig Number
Pioneer	65

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	13:00	7.00	Drilling	Drill rotate/slide & survey f/3226' to 3917', 24k wob, 488 gpm, 60 top drive, avg rop 98.7 fph.
13:00	13:30	0.50	Lubricate Rig	Rig service
13:30	18:00	4.50	Drilling	Drill rotate/slide & survey f/3917' to 4358', 24k wob, 488 gpm, 60 top drive, avg rop 98 fph.
18:00	22:30	4.50	Drilling	Drill rotate/slide & survey f/4358' to 4798', 24k wob, 488 gpm, 60 top drive, avg rop 98 fph.
22:30	23:00	0.50	Condition Mud & Circulate	Shut in well and circ out 21 bbl gas kick.
23:00	01:30	2.50	Drilling	Drill rotate/slide & survey f/4798' to 4930', 24k wob, 375 gpm, 60 top drive, avg rop 52.8 fph. Hole took 150 bbl drink.
01:30	02:00	0.50	Condition Mud & Circulate	Build volume
02:00	05:30	3.50	Drilling	Drill rotate/slide & survey f/4930' to 5177', 24k wob, 375 gpm, 60 top drive, avg rop 70.6 fph.
05:30	06:00	0.50	Lubricate Rig	Rig service.

Mud Pumps

1, Bomco, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0	2 1/2	10.00

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

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

2, Bomco, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0	2 1/2	10.00

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

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

Mud Additive Amounts

Description	Consumed	Daily Cost
Anco Lignite	6.0	46.50
Chem Seal	6.0	65.70
DAP	38.0	874.00
Engineering	1.0	375.00
Hi Yield Gel	74.0	532.80
Mica	20.0	167.20
Pallets	12.0	216.00
Polyswell	1.0	152.88
Saw dust	75.0	307.50
Shrink Wrap	12.0	216.00
Tax	180.5	180.50
Trucking	750.0	750.00

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
			9.25	37		4.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
4.000	16.000	36.000		2	9.0	6.4

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
				10,000		

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

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Gel-Chem	12:30	3,930.0	9.25	37		4.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
4.000	16.000	36.000	20.0	2	9.0	6.4

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
		93.6	1,000.000	10.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
		20.0	5.0		480.0

Job Supplies

Diesel Fuel, gal us

Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
10,850.0	8,808.0	

Air Data

8/12/2012 06:00

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)
		9.38	

Corrosion Inhibitor Injected in 24hr Period

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

Diesel Fuel Consumption

Date	consumed
8/7/2012	
8/8/2012	250.0
8/9/2012	584.0
8/10/2012	835.0
8/11/2012	766.0
8/12/2012	705.0
8/13/2012	1,534.0
8/14/2012	1,144.0
8/15/2012	1,223.0
8/16/2012	950.0
8/17/2012	817.0

Drill Strings

BHA #2, Steerable

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
1	7 7/8in, Q506F, 7032118	-------	1.50

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
18/18/18/18/18/18	535,079.50	10,461	91.0

Berry Daily Drilling Report

Report Date: 8/13/2012
Report #: 8, DFS: 4.3
Depth Progress: 1,951

Well Name: LC FEE 10-28D-56

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft (ft)	min gpm (gpm)	max gpm (gpm)	SN
169	Drill Pipe	5	534,05...							
1	XO	6 1/4	1.72							
28	HWDP	4 1/2	859.79							
2	Drill Collar	6 1/4	60.79							
1	NMDC	6 1/4	30.22							
1	GAP SUB	6 1/4	4.60							
1	FLEX COLLAR	6 1/4	28.29							
1	UBHO	6 1/4	2.55							
1	Mud Motor 1.83 bend .16 revs	6 1/2	31.57	7.8	3.3	0.160	4.62	200	500	6145

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)
Original Hole	3,226.0	5,177.0	4,507.00	22.00	48.50	88.7	488

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
24	60	1,650.0	75	125	90	11,000.0	

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) ...

Deviation Surveys

<Description?>

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
203...	8/11/2012						

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
3,239.00	33.20	204.20	2,924.15	-1,075.04	-470.31	1,173.40	0.68
3,302.00	34.50	205.10	2,976.47	-1,106.93	-484.95	1,208.49	2.21
3,365.00	33.90	205.10	3,028.57	-1,139.00	-499.97	1,243.89	0.95
3,428.00	31.60	204.70	3,081.56	-1,169.91	-514.32	1,277.97	3.67
3,491.00	29.70	204.40	3,135.75	-1,199.12	-527.67	1,310.08	3.03
3,553.00	25.90	201.60	3,190.59	-1,225.71	-539.00	1,338.98	6.48
3,615.00	25.80	203.20	3,246.39	-1,250.70	-549.30	1,366.00	1.14
3,677.00	25.00	200.80	3,302.39	-1,275.35	-559.27	1,392.58	2.10
3,740.00	23.90	200.30	3,359.74	-1,299.77	-568.43	1,418.60	1.78
3,804.00	22.40	199.60	3,418.59	-1,323.41	-577.02	1,443.70	2.38
3,867.00	21.20	200.20	3,477.08	-1,345.41	-584.98	1,467.04	1.94
3,930.00	20.00	202.80	3,536.05	-1,366.04	-593.08	1,489.18	2.39
3,993.00	19.40	204.90	3,595.37	-1,385.46	-601.67	1,510.41	1.47
4,056.00	19.30	207.70	3,654.81	-1,404.17	-610.91	1,531.27	1.48
4,119.00	19.20	206.90	3,714.29	-1,422.63	-620.44	1,552.00	0.45
4,181.00	19.40	207.00	3,772.80	-1,440.89	-629.72	1,572.46	0.33
4,245.00	19.50	207.20	3,833.15	-1,459.86	-639.43	1,593.74	0.19
4,308.00	17.60	204.60	3,892.88	-1,477.88	-648.20	1,613.77	3.29
4,371.00	15.70	202.60	3,953.23	-1,494.41	-655.45	1,631.81	3.15
4,434.00	13.80	200.40	4,014.15	-1,509.32	-661.34	1,647.84	3.14
4,497.00	11.90	195.50	4,075.58	-1,522.63	-665.70	1,661.76	3.47
4,560.00	11.30	197.90	4,137.29	-1,534.76	-669.33	1,674.33	1.22
4,621.00	11.10	202.80	4,197.13	-1,545.86	-673.44	1,686.14	1.59
4,684.00	10.60	202.40	4,259.00	-1,556.81	-678.00	1,698.00	0.80
4,748.00	9.50	205.30	4,322.02	-1,567.02	-682.50	1,709.16	1.89
4,811.00	9.10	198.10	4,384.19	-1,576.46	-686.27	1,719.31	1.95
4,874.00	7.10	205.80	4,446.56	-1,584.70	-689.51	1,728.16	3.60
4,937.00	5.60	209.10	4,509.18	-1,590.89	-692.70	1,735.12	2.45
5,000.00	4.20	214.20	4,571.94	-1,595.49	-695.49	1,740.45	2.33
5,064.00	3.00	218.40	4,635.82	-1,598.74	-697.85	1,744.38	1.92
5,127.00	2.30	205.10	4,698.75	-1,601.18	-699.41	1,747.24	1.47

Berry Daily Drilling Report

Report Date: 8/14/2012
Report #: 9, DFS: 5.3
Depth Progress: 947

Well Name: LC FEE 10-28D-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013512880000	SENE Sec 28 T5S-R6W	8-5-2012	Utah
Spud Date	**Rig Release Date**	**KB-Ground Distance (ft)**	**Ground Elevation (ftKB)**
8/8/2012 11:30:00 PM		19.00	6,696

Operations at Report Time
Code 8 top drive repair

Operations Next 24 Hours
Repair top drive TD @ 6350' circ, sweep hole, pooh, log well.

Operations Summary
Drill f/5177' to 6124', rig service, top drive repair.

Remarks
Safety meeting: Top drive repair..
Lost 400 bbl last 24 hrs. total for well 660 bbl

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

AFE Number	Total AFE Amount
C12 032036	
Daily Cost	**Cum Cost To Date**
43,338	347,758
Daily Mud Cost	**Mud Additive Cost To Date**
8,634	15,079
Depth Start (ftKB)	**Depth End (ftKB)**
5,177	6,124
Depth Start (TVD) (ftKB)	**Depth End (TVD) (ftKB)**
4,749	5,696
Target Formation	**Target Depth (ftKB)**
CR-6	6,336

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	665	8 5/8	8 5/8 set @ 665', F/C @ 626'

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	17:00	11.00	Drilling	Drill rotate/slide & survey f/5177' to 6124', 24k wob, 488 gpm, 60 top drive, avg rop 86 fph.
17:00	17:30	0.50	Lubricate Rig	Rig service
17:30	06:00	12.50	Repair Rig	Remove stabbing guide, break top drive from drill string w/tongs. Install pump in sub and circ through 2". Remove lower section of torque tube, work with welder to remove broken bolts from top drive and install new, reinstall lower torque tube. Nov tech trouble shooting hydralic problem, checked all connections at bulk head, checked fuses in VFD house, now looking into the 19 pin service loop.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Gel-Chem	06:00	5,884.0	9.35	35		4.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
4.000	12.000	28.000	16.0	3	8.7	7.2

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
		92.8	800.000	10.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
		400.0	15.0		590.0

Air Data

8/13/2012 06:00

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)
		9.48	

Corrosion Inhibitor Injected in 24hr Period

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

Drill Strings

BHA #2, Steerable

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
1	7 7/8in, Q506F, 7032118	-------	1.50

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
18/18/18/18/18/18	535,079.50	10,461	91.0

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
169	Drill Pipe	5	534,05...							
1	XO	6 1/4	1.72							
28	HWDP	4 1/2	859.79							
2	Drill Collar	6 1/4	60.79							
1	NMDC	6 1/4	30.22							
1	GAP SUB	6 1/4	4.60							
1	FLEX COLLAR	6 1/4	28.29							
1	UBHO	6 1/4	2.55							
1	Mud Motor 1.83 bend .16 revs	6 1/2	31.57	7.8	3.3	0.160	4.62	200	500	6145

Daily Contacts

Job Contact	Mobile
George Urban	970-812-0068

Rigs

Contractor	Rig Number
Pioneer	65

Mud Pumps

 # 1, Bomco, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0	2 1/2	10.00

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

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

 # 2, Bomco, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0	2 1/2	10.00

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

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

Mud Additive Amounts

Description	Consumed	Daily Cost
Anco Lignite	8.0	62.00
Barite	356.0	3,595.60
Chem Seal	12.0	131.40
DAP	16.0	368.00
Engineering	1.0	375.00
Hi Yield Gel	174.0	1,252.80
Mica	38.0	317.68
Pallets	6.0	108.00
PHPA	1.0	65.98
Saw dust	175.0	717.50
Shrink Wrap	6.0	108.00
super sweep	1.0	106.60
Tax	507.61	507.61
Trucking	500.0	500.00
Walnut Hulls	40.0	418.00

Job Supplies

Diesel Fuel, gal us

Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
10,850.0	8,808.0	

Diesel Fuel Consumption

Date	consumed
8/7/2012	
8/8/2012	250.0
8/9/2012	584.0
8/10/2012	835.0
8/11/2012	766.0
8/12/2012	705.0
8/13/2012	1,534.0
8/14/2012	1,144.0
8/15/2012	1,223.0
8/16/2012	950.0
8/17/2012	817.0

Berry Daily Drilling Report

Report Date: 8/14/2012
Report #: 9, DFS: 5.3
Depth Progress: 947

Well Name: LC FEE 10-28D-56

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)
Original Hole	5,177.0	6,124.0	5,454.00	11.00	59.50	86.1	488

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
24	60	1,650.0	130	170	100	14,000.0	

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) ...

Deviation Surveys

<Description?>

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
203...	8/11/2012						

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
5,190.00	1.80	200.90	4,761.71	-1,603.25	-700.30	1,749.49	0.83
5,254.00	2.00	201.80	4,825.67	-1,605.22	-701.08	1,751.61	0.32
5,317.00	1.80	194.00	4,888.64	-1,607.20	-701.72	1,753.68	0.52
5,380.00	0.30	249.80	4,951.63	-1,608.22	-702.12	1,754.77	2.62
5,443.00	0.10	190.30	5,014.63	-1,608.33	-702.28	1,754.94	0.42
5,507.00	0.20	203.20	5,078.63	-1,608.49	-702.34	1,755.10	0.16
5,570.00	0.30	211.50	5,141.63	-1,608.73	-702.47	1,755.38	0.17
5,633.00	0.40	247.80	5,204.63	-1,608.95	-702.75	1,755.70	0.38
5,695.00	0.80	242.20	5,266.62	-1,609.24	-703.34	1,756.20	0.65
5,759.00	0.40	274.80	5,330.62	-1,609.43	-703.96	1,756.62	0.80
5,821.00	0.50	266.90	5,392.62	-1,609.42	-704.44	1,756.81	0.19
5,884.00	0.40	232.60	5,455.61	-1,609.57	-704.89	1,757.13	0.45
5,948.00	0.40	240.40	5,519.61	-1,609.82	-705.26	1,757.51	0.09
6,011.00	0.50	224.00	5,582.61	-1,610.12	-705.64	1,757.94	0.26
6,074.00	0.80	248.90	5,645.61	-1,610.48	-706.25	1,758.51	0.64

Berry Daily Drilling Report

Report Date: 8/15/2012
Report #: 10, DFS: 6.3
Depth Progress: 236

Well Name: LC FEE 10-28D-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013512880000	SENE Sec 28 T5S-R6W	8-5-2012	Utah
Spud Date	**Rig Release Date**	**KB-Ground Distance (ft)**	**Ground Elevation (ftKB)**
8/8/2012 11:30:00 PM		19.00	6,696

AFE Number	Total AFE Amount
C12 032036	
Daily Cost	**Cum Cost To Date**
48,682	396,440
Daily Mud Cost	**Mud Additive Cost To Date**
1,212	16,292
Depth Start (ftKB)	**Depth End (ftKB)**
6,124	6,360
Depth Start (TVD) (ftKB)	**Depth End (TVD) (ftKB)**
5,696	
Target Formation	**Target Depth (ftKB)**
CR-6	6,336

Operations at Report Time
Pump kill mud for water flow.

Operations Next 24 Hours
Kill water flow, pooh, log well, tih, circ sweep out, ly/dn DP, run casing.

Operations Summary
Top drive repair. Rig service, safety back ream 60'.Drill f/ 6124 to 6360', Circ cond pump 3 20 bbl sweeps around. POOH back ream 1000'. Well started flowing @ 1115' , trip back in hole to 2200'. Build kill mud and spot 20 bbl @ 2200' 10.8 mud wt.

Remarks
Safety meeting: Top drive repair.
Lost 0 bbl last 24 hrs. total for well 860 bbl
Gained 200 bbl last 24 hrs.

Weather	Temperature (°F)	Road Condition	Hole Condition
Partly Cloudy	63.0	Dry	Good

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	665	8 5/8	8 5/8 set @ 665', F/C @ 626'

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	15:30	9.50	Repair Rig	Top drive repair. Take service loop down and replace 19 pin cable, replace pig tail., wait on fuses and replace, hang service loop, plug in service loop, function test top drive, ok.
15:30	16:30	1.00	Lubricate Rig	Rig service, safety back ream 60'.
16:30	19:30	3.00	Drilling	Drill f/ 6124 to 6360'
19:30	22:30	3.00	Condition Mud & Circulate	Circ cond pump 3 20 bbl sweeps around.
22:30	04:00	5.50	Trips	POOH back ream 1000'
04:00	05:00	1.00	Miscellaneous	Well started flowing @ 1115' , trip back in hole to 2200'.
05:00	06:00	1.00	Condition Mud & Circulate	Build kill mud and spot 20 bbl @ 2200' 10.8 mud wt.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Gel-Chem	06:00	6,132.0	9.25	37		8.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
4.000	12.000	24.000	18.0	3	8.7	6.5

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
		93.5	800.000	10.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
		200.0	10.0		480.0

Air Data

8/14/2012 06:00

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)
		9.44	

Corrosion Inhibitor Injected in 24hr Period

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

Drill Strings

BHA #2, Steerable

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
1	7 7/8in, Q506F, 7032118	-------	1.50

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
18/18/18/18/18/18	535,079.50	10,461	91.0

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft (ft)	min gpm (gpm)	max gpm (gpm)	SN
169	Drill Pipe	5	534,05...							
1	XO	6 1/4	1.72							
28	HWDP	4 1/2	859.79							
2	Drill Collar	6 1/4	60.79							
1	NMDC	6 1/4	30.22							
1	GAP SUB	6 1/4	4.60							
1	FLEX COLLAR	6 1/4	28.29							
1	UBHO	6 1/4	2.55							

Daily Contacts

Job Contact	Mobile
George Urban	970-812-0068

Rigs

Contractor	Rig Number
Pioneer	65

Mud Pumps

1, Bomco, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0	2 1/2	10.00

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

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
1,650.0	No	70	95

2, Bomco, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0	2 1/2	10.00

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

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
1,650.0	No	70	95

Mud Additive Amounts

Description	Consumed	Daily Cost
DAP	4.0	92.00
Engineering	1.0	375.00
Hi Yield Gel	57.0	410.40
Mica	4.0	33.44
Saw dust	50.0	205.00
Tax	54.78	54.78
Walnut Hulls	4.0	41.80

Job Supplies

Diesel Fuel, gal us

Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
10,850.0	8,808.0	

Diesel Fuel Consumption

Date	consumed
8/7/2012	
8/8/2012	250.0
8/9/2012	584.0
8/10/2012	835.0
8/11/2012	766.0
8/12/2012	705.0
8/13/2012	1,534.0
8/14/2012	1,144.0
8/15/2012	1,223.0
8/16/2012	950.0
8/17/2012	817.0

Berry Daily Drilling Report

Report Date: 8/15/2012
Report #: 10, DFS: 6.3
Depth Progress: 236

Well Name: LC FEE 10-28D-56

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
1	Mud Motor 1.83 bend .16 revs	6 1/2	31.57	7.8	3.3	0.160	4.62	200	500	6145

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)
Original Hole	6,124.0	6,360.0	5,690.00	3.00	62.50	78.7	488

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
24	60	1,650.0	130	170	100	14,000.0	

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) ...

Deviation Surveys

<Description?>

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
203...	8/11/2012						

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
6,136.00	1.10	251.00	5,707.60	-1,610.83	-707.21	1,759.22	0.49
6,199.00	1.10	249.80	5,770.59	-1,611.24	-708.35	1,760.06	0.04
6,262.00	1.10	234.30	5,833.58	-1,611.80	-709.41	1,761.00	0.47
6,310.00	1.30	242.60	5,881.56	-1,612.32	-710.27	1,761.82	0.55

Berry Daily Drilling Report

Report Date: 8/16/2012
Report #: 11, DFS: 7.3
Depth Progress: 0

Well Name: LC FEE 10-28D-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State	AFE Number	Total AFE Amount
43013512880000	SENE Sec 28 T5S-R6W	8-5-2012	Utah	C12 032036	
Spud Date	**Rig Release Date**	**KB-Ground Distance (ft)**	**Ground Elevation (ftKB)**	**Daily Cost**	**Cum Cost To Date**
8/8/2012 11:30:00 PM		19.00	6,696	37,454	433,894
Operations at Report Time		**Operations Next 24 Hours**		**Daily Mud Cost**	**Mud Additive Cost To Date**
Wash and ream to bottom.		Wash and ream to TD, TOOH, Log hole,		4,244	20,535
Depth Start (ftKB)				**Depth End (ftKB)**	
6,360				6,360	
Depth Start (TVD) (ftKB)				**Depth End (TVD) (ftKB)**	
Target Formation				**Target Depth (ftKB)**	
CR-6				6,336	

Operations Summary
TOOH, well flowing, spot 11# pill @ 1837', TOOH, spot 11# pill @ 1209', TOOH, LD dir tools, well flowing, TIH to 2340', fill hole with 10.5# mud from 2340' to surface. No flow, TOOH f/ logs. rig up and run in hole w/ logs, bridges out @ 4811', log to surface. TRip in hole to 4831', wash and ream from 4831' to 6282'.

Remarks
Safety Meeting= working with Halliburton logging tools.

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

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Production	6,303	5 1/2	5 1/2" set @ 6303'.

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	07:00	1.00	Trips	Trip out of hole f/ logs to 1837'. Water flow detected.
07:00	08:00	1.00	Condition Mud & Circulate	Builld and spot 11 # pill @ 1837'.
08:00	08:30	0.50	Condition Mud & Circulate	TOOH to 1209', flow detected again.
08:30	09:00	0.50	Condition Mud & Circulate	Build and spot 11.5 # pill @ 1209'.
09:00	10:30	1.50	Trips	TOOH to surface for logs, layed down dir tools, well started flowing agian.
10:30	12:00	1.50	Trips	Trip in hole 22 stands to 2340'.
12:00	15:00	3.00	Condition Mud & Circulate	Pump 60 bbls 10.5 pill, shut in well, build 10.5 # pill and spot @ 2340'. No flow.
15:00	18:00	3.00	Trips	Trip out of hole for logs.
18:00	00:00	6.00	Wire Line Logs	HSM w/ Halliburton loggers, rig up logging tools. RIH w/ triple combo logs, wireline tools bridged out @ 4811', unable to get through bridge, log from 4811' to surface. Rig down loggers.
00:00	03:00	3.00	Trips	Trip in hole 62 stands drill pipe to 4831'.
03:00	06:00	3.00	Reaming	Break circulation, wash and ream from brigde @ 4831' to 6282'.80 rpm, 400 gpm, 5-10 wob.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Gel Base	06:00	6,378.0	8.70	29		1.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
				1	9.0	2.8

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
		97.2	500.000	10.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
					837.0

Air Data

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

Corrosion Inhibitor Injected in 24hr Period

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

Drill Strings

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

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

Drill String Components

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

Daily Contacts

Job Contact	Mobile
James Marsh	435-828-1879

Rigs

Contractor	Rig Number
Pioneer	65

Mud Pumps

 # 1, Bomco, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0	2 1/2	10.00

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

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

 # 2, Bomco, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0	2 1/2	10.00

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

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

Mud Additive Amounts

Description	Consumed	Daily Cost
Barite	236.0	2,383.60
Chem Seal	2.0	21.90
DAP	5.0	115.00
Engineering	1.0	375.00
Hi Yield Gel	21.0	151.20
Mica	5.0	41.80
Pallets	4.0	72.00
PHPA	1.0	65.98
Saw dust	50.0	205.00
Shrink Wrap	4.0	72.00
Trucking	500.0	500.00
Walnut Hulls	23.0	240.35

Job Supplies

Diesel Fuel, gal us

Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
10,850.0	8,808.0	

Diesel Fuel Consumption

Date	consumed
8/7/2012	
8/8/2012	250.0
8/9/2012	584.0
8/10/2012	835.0
8/11/2012	766.0
8/12/2012	705.0
8/13/2012	1,534.0
8/14/2012	1,144.0
8/15/2012	1,223.0
8/16/2012	950.0
8/17/2012	817.0

Berry Daily Drilling Report

Report Date: 8/17/2012
Report #: 12, DFS: 8.3
Depth Progress: 0

Well Name: LC FEE 10-28D-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State	AFE Number	Total AFE Amount
43013512880000	SENE Sec 28 T5S-R6W	8-5-2012	Utah	C12 032036	
Spud Date	**Rig Release Date**	**KB-Ground Distance (ft)**	**Ground Elevation (ftKB)**	**Daily Cost**	**Cum Cost To Date**
8/8/2012 11:30:00 PM		19.00	6,696	89,311	523,205
Operations at Report Time		**Operations Next 24 Hours**		**Daily Mud Cost**	**Mud Additive Cost To Date**
Laying down drill collars		Run 5 1/2" production casing, cement, rig down		8,876	29,411
Depth Start (ftKB)				**Depth End (ftKB)**	
6,360				6,360	
Depth Start (TVD) (ftKB)				**Depth End (TVD) (ftKB)**	
Target Formation				**Target Depth (ftKB)**	
CR-6				6,336	

Operations Summary
Wash and ream from 6282' to 6360', circ hole clean, TOOH, rig up and run triple combo logs to 6357', TIH, circulate hole clean, lay down drill pipe.

Remarks
Safety Meeting= laying down drill string.

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

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Production	6,303	5 1/2	5 1/2" set @ 6303'.

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	06:30	0.50	Reaming	Wash and ream from 6282' to 6360'.
06:30	08:00	1.50	Condition Mud & Circulate	Pump 2 high vis sweeps to surface, circulate hole clean.
08:00	11:30	3.50	Trips	Trip out of hole to 2340'. Well not flowing.
11:30	12:00	0.50	Condition Mud & Circulate	Pump 120 bbls 10.2 ppg mud to surface to hold back water flow.
12:00	14:00	2.00	Trips	Trip out hole for logs, break bit.
14:00	16:30	2.50	Wire Line Logs	HSM w/ Halliburton loggers and rig up logging equipment and run triple combo logs to a depth of 6357'.
16:30	17:00	0.50	Lubricate Rig	Service rig.
17:00	20:30	3.50	Trips	Make up tri-cone bit, bit sub, and trip in hole to 6360'. Wash and ream last 30 feet to bottom.
20:30	22:30	2.00	Condition Mud & Circulate	Circulate high vis sweep to surface, circulate hole clean.
22:30	23:00	0.50	LD Drillpipe	HSM w/Weatherford laydown crew. Rig up laydown machine.
23:00	06:00	7.00	LD Drillpipe	Lay down drill string, 172 joints drill pipe, 30 joints HWDP, 2 DC.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Gel Base	06:00	6,360.0	9.80	37		4.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
3.000	10.000	18.000		1	9.0	11.5

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
		88.5	750.000	10.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
					837.0

Air Data

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

Corrosion Inhibitor Injected in 24hr Period

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

Drill Strings

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

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

Drill String Components

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

Daily Contacts

Job Contact	Mobile
James Marsh	435-828-1879

Rigs

Contractor	Rig Number
Pioneer	65

Mud Pumps

 # 1, Bomco, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0	2 1/2	10.00

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

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

 # 2, Bomco, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0	2 1/2	10.00

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

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

Mud Additive Amounts

Description	Consumed	Daily Cost
Barite	508.0	5,130.80
Chem Seal	2.0	21.90
Corr. Ring	1.0	200.00
Engineering	1.0	375.00
Hi Yield Gel	119.0	856.80
Pallets	18.0	324.00
Saw dust	35.0	143.50
Shrink Wrap	18.0	324.00
Trucking	1,500.0	1,500.00

Job Supplies

Diesel Fuel, gal us

Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
10,850.0	8,808.0	

Diesel Fuel Consumption

Date	consumed
8/7/2012	
8/8/2012	250.0
8/9/2012	584.0
8/10/2012	835.0
8/11/2012	766.0
8/12/2012	705.0
8/13/2012	1,534.0
8/14/2012	1,144.0
8/15/2012	1,223.0
8/16/2012	950.0
8/17/2012	817.0

Berry Daily Drilling Report

Report Date: 8/18/2012
Report #: 13, DFS: 9.3
Depth Progress: 0

Well Name: LC FEE 10-28D-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State	AFE Number	Total AFE Amount
43013512880000	SENE Sec 28 T5S-R6W	8-5-2012	Utah	C12 032036	
Spud Date	**Rig Release Date**	**KB-Ground Distance (ft)**	**Ground Elevation (ftKB)**	**Daily Cost**	**Cum Cost To Date**
8/8/2012 11:30:00 PM		19.00	6,696	57,400	580,605
Operations at Report Time		**Operations Next 24 Hours**		**Daily Mud Cost**	**Mud Additive Cost To Date**
Rigging down		Rig down, prepare for move.		2,577	31,988
Operations Summary				**Depth Start (ftKB)**	**Depth End (ftKB)**
Run 5 1/2 production casing, rig up and pump cement. Land casing, nipple dow, claen pits and rig down top drive unit.				6,360	6,360
				Depth Start (TVD) (ftKB)	**Depth End (TVD) (ftKB)**
Remarks					
Safety Meeting= working with cement crew.				**Target Formation**	**Target Depth (ftKB)**
				CR-6	6,336
Weather	**Temperature (°F)**	**Road Condition**	**Hole Condition**		
Clear	58.0	Dry	Good		

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Production	6,303	5 1/2	5 1/2" set @ 6303'.

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	13:00	7.00	Run Casing & Cement	Run 162 joints of 5 1/2", N-80, 17# casing to a depth of 6303'.
13:00	15:00	2.00	Condition Mud & Circulate	Circulate casing. Rig down casing crew, HSM and rig up Pro-Petro cement equipment.
15:00	17:00	2.00	Run Casing & Cement	Pressure test lines to 3000 psi, Pump 10 bbls fresh, 20 bbls mud flush, 122 bbls, 180 sks, prem type V cement, 16% GEL ,10 lb/sk Gilsonite, 3 Lb/sk GR-3,3% Salt, 1/4 lb/sk Flocele 11.0ppg slurry wt, 3.82 yield, 23 gal water/sk. Tail 115 bbls, 380 sks, 65% prem G cmt, 35% POZ, 6% GEL, 10 lb/sk Gilsonite, 10% Salt, .2% CDI-33, .2% CFL-175, 1/4lb/sk Flocele, 13.1 ppg, 1.70 yield, 7.7 gal water/ sk, Wash lines, drop plug, and displace with 145 bbls water. Full returns throughoout lead, 50% returns through tail, full returns through out displacement, 5 bbls mud flush to surface. Bumped plug @ 1250 psi, held 1775 psi for 5 minutes. Floats held, FCP 1250 psi.
17:00	18:00	1.00	NU/ND BOP	Land casing @ 78,000 lbs, nipple down.
18:00	00:00	6.00	Miscellaneous	Clean pits and rig down pits and pump. Release ri g @ 0:00 hrs, 8/18/2012.
00:00	06:00	6.00	Rig Up & Tear Down	Rig down Top drive unit.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Gel Base	06:00	6,360.0	9.85	36		6.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
3.000	10.000	16.000		1	9.15	12.0

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
		88.0	800.000	10.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
					717.0

Air Data

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

Corrosion Inhibitor Injected in 24hr Period

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

Drill Strings

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

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

Drill String Components

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

Daily Contacts

Job Contact	Mobile
James Marsh	435-828-1879

Rigs

Contractor	Rig Number
Pioneer	65

Mud Pumps

 # 1, Bomco, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0	2 1/2	10.00

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

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

 # 2, Bomco, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
750.0	2 1/2	10.00

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

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

Mud Additive Amounts

Description	Consumed	Daily Cost
Barite	160.0	1,616.00
Chem Seal	2.0	21.90
Engineering	1.0	375.00
Hi Yield Gel	41.0	295.20
Mica	11.0	91.96
Saw dust	15.0	61.50
Walnut Hulls	11.0	114.95

Job Supplies

Diesel Fuel, gal us

Description	Unit Label
Diesel Fuel	gal us

Total Received	Total Consumed	Total Returned
10,850.0	8,808.0	

Diesel Fuel Consumption

Date	consumed
8/7/2012	
8/8/2012	250.0
8/9/2012	584.0
8/10/2012	835.0
8/11/2012	766.0
8/12/2012	705.0
8/13/2012	1,534.0
8/14/2012	1,144.0
8/15/2012	1,223.0
8/16/2012	950.0
8/17/2012	817.0

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

CONFIDENTIAL

Aug 9, 2012

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

~~Lake Canyon~~ LC Fee 10-28D-56
SE/NE 1709 FNL 1243 FEL
Sec 28, T5S, R6W
API Well no. 43-013-512880000

Hi Carol,
We well be running 8 5/8 casing @ 23:00 hrs on 8-9-2012.

If you have any questions or need more information, please call me at 970-812-0068

Sincerely
George Urban
Drilling Supervisor
Berry Petroleum
Thank You

RECEIVED
AUG 09 2012
DIV. OF OIL, GAS & MINING

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

CONFIDENTIAL

Aug 13,, 2012

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

~~Lake Canyon~~ L C Fee 10-28D-56
SE/NE 1709 FNL 1243 FEL
Sec 28, T5S, R6W
API Well no. 43-013-512880000

Hi Carol,
We will be running 5 ½ Production casing on Aug 14, 2012 @ 23:30 hrs.
If you have any questions or need more information, please call me at
970-812-0068

Sincerely
George Urban
Drilling Supervisor
Berry Petroleum
Thank You

RECEIVED
AUG 14 2012
DIV. OF OIL, GAS & MINING

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: Fee

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
LC FEE 10-28D-56

2. NAME OF OPERATOR:
BERRY PETROLEUM COMPANY

9. API NUMBER:
43013512880000

3. ADDRESS OF OPERATOR:
4000 South 4028 West Rt 2 Box 7735 , Roosevelt, UT, 84066

PHONE NUMBER:
303 999-4044 Ext

9. FIELD and POOL or WILDCAT:
LAKE CANYON

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
1709 FNL 1243 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SENE Section: 28 Township: 05.0S Range: 06.0W Meridian: U

COUNTY:
DUCHESNE

STATE:
UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	✓ 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: 9/18/2012	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

PLEASE NOTE THAT THE LC FEE 10-28D-56 WENT TO SALES ON SEPTEMBER 18, 2012.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
September 18, 2012

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

SIGNATURE	DATE
N/A	9/18/2012

RECEIVED: Sep. 18, 2012

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: Fee

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
LC FEE 10-28D-56

2. NAME OF OPERATOR:
BERRY PETROLEUM COMPANY

9. API NUMBER:
43013512880000

3. ADDRESS OF OPERATOR:
4000 South 4028 West Rt 2 Box 7735 , Roosevelt, UT, 84066

PHONE NUMBER:
303 999-4044 Ext

9. FIELD and POOL or WILDCAT:
LAKE CANYON

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
1709 FNL 1243 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SENE Section: 28 Township: 05.0S Range: 06.0W Meridian: U

COUNTY:
DUCHESNE

STATE:
UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ 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: 9/26/2012	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

PLEASE SEE THE ATTACHED COMPLETION HISTORY FOR THE LC FEE 10-28D-56.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
October 05, 2012

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Kathy K. Fieldsted	435 722-1325	Sr. Regulatory & Permitting Tech.
SIGNATURE		**DATE**
N/A		10/5/2012

RECEIVED: Oct. 05, 2012

Berry Daily Completion and Workover

Report # 1, Report Date: 9/11/2012

Well Name: LC FEE 10-28D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013512880000	SENE Sec 28 T5S-R6W	8/8/2012 11:30:00 PM	Lake Canyon	Utah

Well Configuration Type	Original KB Elevation (ftKB)	KB-Ground Distance (ft)	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB)	PBTD (All) (ftKB)
	6,715	19.00		6,696	

Primary Job Type	Secondary Job Type
Initial Completion	

Objective

Contractor	Rig Number

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C12 032036		6,855	6,855

Operations Summary
R/U PERF #1 - #4, FRAC #1- #3

Remarks

Time Log

Start Date	End Date	Dur (hrs)	Operation	Comment
9/11/2012	9/11/2012	12.00	General Operations	PREP PAD. (9/6) PIONEER RUN CBL. R/U PRODUCTION EQUIPMENT. R/U FRAC EQUIPMENT & WIRE LINE. FILL & HEAT 19 TANKS (5 TANKS WITH 20% KCL) AND 29 TANKS ON ADJACENT PAD. SET MANIFOLDS ON TANKS. PRESSURE TEST FRAC TREE & CASING, HELD.
9/11/2012	9/11/2012		Perforating	PERFORATE STG #1 IN THE WASATCH FROM 5,950'- 6,206' @ 2 SPF, 120 DEGREE PHASING, 22.7 GRAM CHARGE, & EHD OF .42". CHARGE P/N IS TITAN EXP-3323-322T WITH PENETRATION OF 35.1. 36 TOTAL HOLES. (9/06). 5,950'-51', 5,956'-57', 5,965'-66', 5,986'-87', 6,004'-05', 6,018'-19', 6,024'-25', 6,028'-29', 6,069'-70', 6,089'-90', 6,103'-04', 6,112'-13', 6,122'-23', 6,145'-46', 6,155'-56', 6,169'-70', 6,187'-88', AND 6,205'-06'.
9/11/2012	9/11/2012		Frac. Job	MAVERICK.TEST LINES AND FRAC STG #1 WELL OPEN @ 20 PSI BROKE DOWN 5.6 BPM @ 3,090 MAX R @ 70.5 BPM MAX PSI @ 3,230 AVG RATE @ 60.4 BPM AVG PSI @ 2,092 TOTAL FLUID OF 1,528 BBL ISDP 1,180 FINAL FRAC GRADIENT .63 PRESSURE @ 5 MIN 1,120, 10 MIN 1,090, AND 15 MIN 1,080, 100,000 LBS OF 20/40 OTTAWA PUMPED 1,414.7 FRESH WATER. HAD TO START OVER A COUPLE OF TIMES. X-LINK PUMPS NOT WORKING PROPERLY. TOTAL WATER IS 2,943 BBLS.
9/11/2012	9/11/2012		Perforating	SET CFP @ 5,935'. PERFORATE STG #2 IN THE WASATCH FROM 5,648'- 5,915' @ 2 SPF, 120 DEGREE PHASING, 22.7 GRAM CHARGE, & EHD OF .42". CHARGE P/N IS TITAN EXP-3323-322T WITH PENETRATION OF 35.1. 34 TOTAL HOLES. 5,648'-49', 5,659'-60', 5,674'-75', 5,702'-03', 5,710'-11', 5,741'-42', 5,750'-51', 5,758'-59', 5,772'-73', 5,808'-09', 5,816'-17', 5,829'-30', 5,839'-40', 5,845'-46', 5,858'-59', 5,897'-98', AND 5,914'-15'.
9/11/2012	9/11/2012		Frac. Job	MAVERICK.TEST LINES AND FRAC STG #2 WELL OPEN @ 1,040 PSI BROKE DOWN 5.2 BPM @ 1,520 MAX R @ 70.9 BPM MAX PSI @ 4,310 AVG RATE @ 61.2 BPM AVG PSI @ 2,367 TOTAL FLUID OF 1,791 BBL ISDP 1,100 FINAL FRAC GRADIENT .62 PRESSURE @ 5 MIN 1,000, 10 MIN 990, AND 15 MIN 990, 100,000 LBS OF 16/30 TEXAS GOLD

Berry Daily Completion and Workover

Report # 1, Report Date: 9/11/2012

Well Name: LC FEE 10-28D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013512880000	SENE Sec 28 T5S-R6W	8/8/2012 11:30:00 PM	Lake Canyon	Utah

Well Configuration Type	Original KB Elevation (ftKB)	KB-Ground Distance (ft)	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB)	PBTD (All) (ftKB)
	6,715	19.00		6,696	

Time Log

Start Date	End Date	Dur (hrs)	Operation	Comment
9/11/2012	9/11/2012		Perforating	SET CFP @ 5,635'. PERFORATE STG #3 IN THE WASATCH FROM 5,404'- 5,618' @ 2 SPF, 120 DEGREE PHASING, 22.7 GRAM CHARGE, & EHD OF .42". CHARGE P/N IS TITAN EXP-3323-322T WITH PENETRATION OF 35.1. 30 TOTAL HOLES. 5,404'-05', 5,419'-20', 5,459'-60', 5,472'-73', 5,480'-81', 5,486'-87', 5,508'-09', 5,523'-24', 5,528'-29', 5,546'-48', 5,556'-57', 5,584'-85', 5,610'-11', AND 5,617'-18'.
9/11/2012	9/11/2012		Frac. Job	MAVERICK.TEST LINES AND FRAC STG #3 WELL OPEN @ 960 PSI BROKE DOWN 10.0 BPM @ 1,310 MAX R @ 71.0 BPM MAX PSI @ 3,080 AVG RATE @ 62.7 BPM AVG PSI @ 2,215 TOTAL FLUID OF 1,722 BBL ISDP 1,120 FINAL FRAC GRADIENT .64 PRESSURE @ 5 MIN 1,000, 10 MIN 980, AND 15 MIN 960, 100,000 LBS OF 16/30 TEXAS GOLD
9/11/2012	9/11/2012		Perforating	SET CFP @ 5,395'. PERFORATE STG #4 IN THE WASATCH FROM 5,149'- 5,382' @ 2 SPF, 120 DEGREE PHASING, 22.7 GRAM CHARGE, & EHD OF .42". CHARGE P/N IS TITAN EXP-3323-322T WITH PENETRATION OF 35.1. 32 TOTAL HOLES. 5,149'-50', 5,164'-66', 5,198'-99', 5,210'-11', 5,223'-24', 5,233'-34', 5,263'-64', 5,280'-81', 5,286'-87', 5,299'-00', 5,314'-15', 5,326'-27', 5,346'-47', 5,356'-57', AND 5,381'-82'. LEAVE WELL S.I. RF

Job Contact	Title	Mobile

Daily Costs

Code 1	Code 2	Code 3	Cost	Cost Description	Vendor	Carry Fwd?
152	2125	ICC	1,200	ICC-CONTRACTSUPERVISION	FC	Yes
152	2345	ICC	3,805	ICC-PERFORATING	PIONEER	Yes
152	2380	ICC	1,850	ICC-SURFACE RENTALS	CAMERON	Yes

Safety Checks

Time	Type	Comment

Safety Incidents

Date	Type	Subtype	Comment

Job Supplies

Description	Type	Unit Label	Cost

Job Supply Amounts

Date	Received	Consumed

Cum Received	Cum Consumed	Cum Returned	Cum On Location

Logs

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

Perforations

Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status

Stimulations & Treatments

Date	Formation(s)	Zone	Type	Stim/Treat Company

Berry Daily Completion and Workover

Report # 2, Report Date: 9/12/2012

Well Name: LC FEE 10-28D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013512880000	SENE Sec 28 T5S-R6W	8/8/2012 11:30:00 PM	Lake Canyon	Utah

Well Configuration Type	Original KB Elevation (ftKB)	KB-Ground Distance (ft)	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB)	PBTD (All) (ftKB)
	6,715	19.00		6,696	

Primary Job Type	Secondary Job Type
Initial Completion	

Objective

Contractor	Rig Number

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C12 032036		119,180	126,035

Operations Summary
LEAVE WELL S.I.

Remarks

Time Log

Start Date	End Date	Dur (hrs)	Operation	Comment
9/12/2012	9/12/2012	8.00	Frac. Job	MAVERICK.TEST LINES AND FRAC STG #4 WELL OPEN @ 740 PSI BROKE DOWN 12.0 BPM @ 1,190 MAX R @ 71.0 BPM MAX PSI @ 2,880 AVG RATE @ 62.2 BPM AVG PSI @ 1,952 TOTAL FLUID OF 1,628 BBL ISDP 1,070 FINAL FRAC GRADIENT .63 PRESSURE @ 5 MIN 840, 10 MIN 820, AND 15 MIN 800, 100,000 LBS OF 16/30 TEXAS GOLD
9/12/2012	9/12/2012		Perforating	SET CFP @ 5,130'. PERFORATE STG #5 IN THE UTELAND BUTTE FROM 4,908'- 5,115' @ 2 SPF, 120 DEGREE PHASING, 22.7 GRAM CHARGE, & EHD OF .42". CHARGE P/N IS TITAN EXP-3323-322T WITH PENETRATION OF 35.1. 50 TOTAL HOLES. 4,908'-09', 4,912'-13', 4,937'-38', 4,972'-74', 4,976'-78', 4,988'-90', 4,997'-98', 5,008'-10', 5,019'-20', 5,028'-32', 5,040'-41', 5,047'-48', 5,059'-60', 5,072'-73', 5,077'-78', 5,095'-96', 5,105'-06', AND 5,114'-15'.
9/12/2012	9/12/2012		Frac. Job	MAVERICK.TEST LINES AND FRAC STG #5 WELL OPEN @ 730 PSI BROKE DOWN 3.0 BPM @ 1,250 MAX R @ 71.1 BPM MAX PSI @ 4,172 AVG RATE @ 62.0 BPM AVG PSI @ 2,500 TOTAL FLUID OF 1,844 BBL ISDP 1,070 FINAL FRAC GRADIENT .64 PRESSURE @ 5 MIN 840, 10 MIN 790, AND 15 MIN 760, 75,000 LBS OF 16/30 TEXAS GOLD
9/12/2012	9/12/2012		Perforating	SET CFP @ 4,890'. PERFORATE STG #6 IN THE CASTLE PEAK FROM 4,742'- 4,876' @ 2 SPF, 120 DEGREE PHASING, 22.7 GRAM CHARGE, & EHD OF .42". CHARGE P/N IS TITAN EXP-3323-322T WITH PENETRATION OF 35.1. 36 TOTAL HOLES. 4,742'-43', 4,747'-48', 4,758'-60', 4,777'-78', 4,787-88', 4,791'-93', 4,800'-01', 4,819'-20', 4,825'-26', 4,841'-42', 4,847'-48', 4,852'-53', 4,856'-57', 4,861'-62', 4,868'-69', AND 4,875'-76'.

Berry Daily Completion and Workover

Report # 2, Report Date: 9/12/2012

Well Name: LC FEE 10-28D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013512880000	SENE Sec 28 T5S-R6W	8/8/2012 11:30:00 PM	Lake Canyon	Utah

Well Configuration Type	Original KB Elevation (ftKB)	KB-Ground Distance (ft)	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB)	PBTD (All) (ftKB)
	6,715	19.00		6,696	

Time Log

Start Date	End Date	Dur (hrs)	Operation	Comment
9/12/2012	9/12/2012		Frac. Job	MAVERICK.TEST LINES AND FRAC STG #6 WELL OPEN @ 720 PSI BROKE DOWN 5.0 BPM @ 1,090 MAX R @ 71.9 BPM MAX PSI @ 2,690 AVG RATE @ 60.1 BPM AVG PSI @ 1,940 TOTAL FLUID OF 1,081 BBL ISDP 870 FINAL FRAC GRADIENT .61 PRESSURE @ 5 MIN 660, 10 MIN 630, AND 15 MIN 600, 60,000 LBS OF 16/30 TEXAS GOLD
9/12/2012	9/12/2012		Perforating	SET CFP @ 4,737'. PERFORATE STG #7 IN THE CASTLE PEAK FROM 4,552'- 4,724' @ 2 SPF, 120 DEGREE PHASING, 22.7 GRAM CHARGE, & EHD OF .42". CHARGE P/N IS TITAN EXP-3323-322T WITH PENETRATION OF 35.1. 32 TOTAL HOLES. 4,552'-55', 4,572'-74', 4,602'-03', 4,618'-19', 4,634'-36', 4,650'-51', 4,664'-65', 4,668'-69', 4,685'-86', 4,696'-97', 4,717'-18', AND 4,723'-24'.
9/12/2012	9/12/2012		Frac. Job	MAVERICK.TEST LINES AND FRAC STG #7 WELL OPEN @ 620 PSI BROKE DOWN 5.0 BPM @ 1,890 MAX R @ 71.1 BPM MAX PSI @ 3,680 AVG RATE @ 62.1 BPM AVG PSI @ 2,183 TOTAL FLUID OF 1,360 BBL ISDP 1,050 FINAL FRAC GRADIENT .66 PRESSURE @ 5 MIN 750, 10 MIN 690, AND 15 MIN 660, 80,000 LBS OF 16/30 TEXAS GOLD
9/12/2012	9/12/2012		General Operations	R/D PIONEER WIRE LINE & MAVERICK/BASIC.. LEAVE WELL S.I. TOTAL FLUID 12,370 BBLS. RF

Job Contact	Title	Mobile

Daily Costs

Code 1	Code 2	Code 3	Cost	Cost Description	Vendor	Carry Fwd?
152	2106	ICC	40,210	ICC-WATER&WATERHAULING	M B T, 12,370	Yes
152	2125	ICC	1,200	ICC-CONTRACTSUPERVISION	FC	Yes
152	2331	ICC	32,500	ICC-DRILLING&COMPLETIONFLUIDS	M B T 1,300	Yes
152	2345	ICC	14,870	ICC-PERFORATING	PIONEER	Yes
152	2358	ICC	9,300	ICC-BRIDGE PLUGS & PACKERS	BASIC 6 CFP	Yes
152	2380	ICC	7,000	ICC-SURFACE RENTALS	DALBO 25 TANK	Yes
152	2345	ICC	14,100	ICC-PERFORATING	PIONEER	Yes

Safety Checks

Time	Type	Comment

Safety Incidents

Date	Type	Subtype	Comment

Job Supplies

Description	Type	Unit Label	Cost

Job Supply Amounts

Date	Received	Consumed

Cum Received	Cum Consumed	Cum Returned	Cum On Location

Berry Daily Completion and Workover

Report # 3, Report Date: 9/21/2012

Well Name: LC FEE 10-28D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013512880000	SENE Sec 28 T5S-R6W	8/8/2012 11:30:00 PM	Lake Canyon	Utah

Well Configuration Type	Original KB Elevation (ftKB)	KB-Ground Distance (ft)	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB)	PBTD (All) (ftKB)
	6,715	19.00		6,696	

Primary Job Type	Secondary Job Type
Initial Completion	

Objective

Contractor	Rig Number

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C12 032036		5,615	131,650

Operations Summary

Remarks

Time Log

Start Date	End Date	Dur (hrs)	Operation	Comment
9/21/2012	9/21/2012	13.50	General Operations	CREW TRAVEL, CHANGE, SAFETY MEETING. ROAD RIG F/ 11-24-55 & MIRU. WELL FLOWING TO PRODUCTION TANKS @ 60 PSI WIDE OPEN. PUMP 80 BBLS OF FLUID DOWN WELL. FLOWED BACK 80 BBLS IN 15 MINUTES. SHUT IN WELL AND PSI AT 150. WIRELINE R/U & SET CBP @ 4,500'. R/D WELL DIED. N/D 10K FRAC TREE. N/U BOPE & FLOOR. SWIFN CHANGE & TRAVEL.

Job Contact	Title	Mobile

Daily Costs

Code 1	Code 2	Code 3	Cost	Cost Description	Vendor	Carry Fwd?
152	2305	ICC	5,615	ICC-RIGCOST-COMPLETION	STEVENSON #2	Yes

Safety Checks

Time	Type	Comment

Safety Incidents

Date	Type	Subtype	Comment

Job Supplies

Description	Type	Unit Label	Cost

Job Supply Amounts

Date	Received	Consumed

Cum Received	Cum Consumed	Cum Returned	Cum On Location

Logs

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

Perforations

Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status

Stimulations & Treatments

Date	Formation(s)	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

Swabs

Date	Comment	Swab Comp

Berry Daily Completion and Workover

Report # 4, Report Date: 9/22/2012

Well Name: LC FEE 10-28D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013512880000	SENE Sec 28 T5S-R6W	8/8/2012 11:30:00 PM	Lake Canyon	Utah

Well Configuration Type	Original KB Elevation (ftKB)	KB-Ground Distance (ft)	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB)	PBTD (All) (ftKB)
	6,715	19.00		6,696	

Primary Job Type	Secondary Job Type
Initial Completion	

Objective

Contractor	Rig Number

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C12 032036		10,259	141,909

Operations Summary

Remarks

Time Log

Start Date	End Date	Dur (hrs)	Operation	Comment
9/22/2012	9/22/2012	13.00	General Operations	CREW TRAVEL, CHANGE CLOTHES, SAFETY MEETING. SICP 200 PSI. BLED DOWN. P/U BIT & SUB, 1 JT., PSN. TALLY & P/U TBG. TAG @ 75 JTS IN. R/U HOT OILER AND HEAT 70 BBLS TO 250 DEGREES. CONTINUE IN HOLE & TAG CBP @ 4,500'. P/U SWIVEL & BREAK CIRC. D/O PLUG. NO PSI CHANGE. CONTINUE IN HOLE & TAG CFP @ 4,737'. NO FILL. DRILL OUT CASING ON VACUUM. PUMP 100 BBLS OF FLUID TO TRY TO MAINTAIN CIRC. SWIFN. CREW CHANGE & TRAVEL.

Job Contact	Title	Mobile

Daily Costs

Code 1	Code 2	Code 3	Cost	Cost Description	Vendor	Carry Fwd?
152	2111	ICC	825	ICC-TRUCKING&HAULING	JENKINS	Yes
152	2305	ICC	6,214	ICC-RIGCOST-COMPLETION	STEVENSON #2	Yes
152	2340	ICC	1,200	ICC-HOT OILING	D & M	Yes
152	3705	ICC	910	ICC-BITS AND REAMERS	BIT	Yes
152	2380	ICC	300	ICC-SURFACE RENTALS	BOP	Yes
			510		RUBBER	Yes
152	2111	ICC	300	ICC-TRUCKING&HAULING	STAR HOTSHOT	Yes

Safety Checks

Time	Type	Comment

Safety Incidents

Date	Type	Subtype	Comment

Job Supplies

Description	Type	Unit Label	Cost

Job Supply Amounts

Date	Received	Consumed

Cum Received	Cum Consumed	Cum Returned	Cum On Location

Logs

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

Perforations

Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status

Stimulations & Treatments

Date	Formation(s)	Zone	Type	Stim/Treat Company

Stg No.	Stage Type	Top (ftKB)	Btm (ftKB)	V (pumped) (bbl)

Other In Hole

Description	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)

Berry Daily Completion and Workover

Report # 5, Report Date: 9/24/2012

Well Name: LC FEE 10-28D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013512880000	SENE Sec 28 T5S-R6W	8/8/2012 11:30:00 PM	Lake Canyon	Utah

Well Configuration Type	Original KB Elevation (ftKB)	KB-Ground Distance (ft)	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB)	PBTD (All) (ftKB)
	6,715	19.00		6,696	

Primary Job Type	Secondary Job Type
Initial Completion	

Objective

Contractor	Rig Number

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C12 032036		7,508	149,417

Operations Summary

Remarks

Time Log

Start Date	End Date	Dur (hrs)	Operation	Comment
9/24/2012	9/24/2012			Hold safety meeting. SICP @ 60 psi. Bleed off well. RU hotoiler to tbg. Pump 60 bbls 200° water down tbg. returning up csg. Cont. RIH w/ tbg. Tag CBP @ 4890'. DU CBP in 11 min. Cont. RIH w/ tbg. Tag CBP @ 5130'. DU CBP in 16 min. Cont. RIH w/ tbg. Tag CBP @ 5395'. DU CBP in 14 min. Cont. RIH w/ tbg. Tag fill @ 5625'. C/O to CBP @ 5635'. DU CBP in 19 min. Cont. RIH w/ tbg. Powerswivel started leaking. RD powerswivel. Repair powerswivel. RU powerswivel. Cont. RIH w/ tbg. Tag CBP @ 5935'. DU CBP in 16 min. Cont. RIH w/ tbg. Tag fill @ 6149'. C/O to PBTD @ 6260'. Circulate well clean. Pull up to 6037'. SWIFN. Lost 150 bbls water today.

Job Contact	Title	Mobile

Daily Costs

Code 1	Code 2	Code 3	Cost	Cost Description	Vendor	Carry Fwd?
152	2111	ICC	400	ICC-TRUCKING&HAULING	Star Hot Shot	Yes
152	2305	ICC	6,358	ICC-RIGCOST-COMPLETION	STEVENSON #2	Yes
152	2380	ICC	750	ICC-SURFACE RENTALS	Nabors Oil Tools	Yes

Safety Checks

Time	Type	Comment

Safety Incidents

Date	Type	Subtype	Comment

Job Supplies

Description	Type	Unit Label	Cost

Job Supply Amounts

Date	Received	Consumed

Cum Received	Cum Consumed	Cum Returned	Cum On Location

Logs

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

Perforations

Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status

Stimulations & Treatments

Date	Formation(s)	Zone	Type	Stim/Treat Company

Stg No.	Stage Type	Top (ftKB)	Btm (ftKB)	V (pumped) (bbl)

Other In Hole

Description	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)

Berry Daily Completion and Workover

Report # 6, Report Date: 9/25/2012

Well Name: LC FEE 10-28D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013512880000	SENE Sec 28 T5S-R6W	8/8/2012 11:30:00 PM	Lake Canyon	Utah

Well Configuration Type	Original KB Elevation (ftKB)	KB-Ground Distance (ft)	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB)	PBTD (All) (ftKB)
	6,715	19.00		6,696	

Primary Job Type	Secondary Job Type
Initial Completion	

Objective

Contractor	Rig Number

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C12 032036		6,255	155,672

Operations Summary

Remarks

Time Log

Start Date	End Date	Dur (hrs)	Operation	Comment
9/25/2012	9/25/2012			Hold safety meeting. SICP @ 40 psi. Bleed off well. POOH w/ tbg. LD BHA. RIH w/ production string. TAC will not set. POOH w/ tbg. to 750'. SWIFN.

Job Contact	Title	Mobile

Daily Costs

Code 1	Code 2	Code 3	Cost	Cost Description	Vendor	Carry Fwd?
152	2111	ICC	280	ICC-TRUCKING&HAULING	Jenkins Trucking	Yes
152	2305	ICC	5,725	ICC-RIGCOST-COMPLETION	STEVENSON #2	Yes
152	2380	ICC	250	ICC-SURFACE RENTALS	Nabors Oil Tools	Yes

Safety Checks

Time	Type	Comment

Safety Incidents

Date	Type	Subtype	Comment

Job Supplies

Description	Type	Unit Label	Cost

Job Supply Amounts

Date	Received	Consumed

Cum Received	Cum Consumed	Cum Returned	Cum On Location

Logs

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

Perforations

Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status

Stimulations & Treatments

Date	Formation(s)	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

Swabs

Date	Comment	Swab Comp

Berry Daily Completion and Workover

Report # 7, Report Date: 9/26/2012

Well Name: LC FEE 10-28D-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013512880000	SENE Sec 28 T5S-R6W	8/8/2012 11:30:00 PM	Lake Canyon	Utah

Well Configuration Type	Original KB Elevation (ftKB)	KB-Ground Distance (ft)	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB)	PBTD (All) (ftKB)
	6,715	19.00		6,696	

Primary Job Type	Secondary Job Type
Initial Completion	

Objective

Contractor	Rig Number

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C12 032036		1,423,719	1,579,391

Operations Summary

Remarks

Time Log

Start Date	End Date	Dur (hrs)	Operation	Comment
9/26/2012	9/26/2012			Hold safety meeting. SICP @ 400 psi. Bleed off well. Cont. POOH w/ tbg. RIH w/ 1 jt 2 7/8" tbg., PSN, TAC & 190 jts 2 7/8" tbg. ND BOP. Set TAC @ 6174' w/ 12,000# tension. NU wellhead. X-over for rods. Flush tbg. w/ 30 bbls 250° water. RIH w/ Weatherford 2 1/2" x 1 3/4" x 18' RHAC rod pump, 6- 1 1/2" weight bars w/ stab subs, 113- 3/4" guided rods (4 per), 65- 7/8" guided rods (4 per), 60- 1" guided rods (4 per), 1- 6', 4', 2' x 1" pony subs, 1 1/2" x 26' polished rod. Seat pump. Stroke test pump to 500 psi. Good pump action. RU pumping unit. Hang off rods. RD. PWOP @ 5:00 p.m. Final Report. 9047 BWTR.

Job Contact	Title	Mobile

Daily Costs

Code 1	Code 2	Code 3	Cost	Cost Description	Vendor	Carry Fwd?
152	2305	ICC	5,664	ICC-RIGCOST-COMPLETION	STEVENSON #2	Yes
152	2360	ICC	425,400	ICC-STIMULATION/ACIDIZING	BASIC/MAVERICK	Yes
152	2380	ICC	250	ICC-SURFACE RENTALS	Nabors Oil Tools	Yes
154	3530	TCC	35,700	TCC-TUBING & ATTACHMENTS	Kelly pipe	Yes
154	3535	TCC	36,100	TCC-SUCKER ROD, PUMPS, SINKER BARS	Weatherford	Yes
			695,605		Drilling costs	Yes
			225,000		Construction costs	Yes

Safety Checks

Time	Type	Comment

Safety Incidents

Date	Type	Subtype	Comment

Job Supplies

Description	Type	Unit Label	Cost

Job Supply Amounts

Date	Received	Consumed

Cum Received	Cum Consumed	Cum Returned	Cum On Location

Logs

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

Perforations

Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status

Stimulations & Treatments

Date	Formation(s)	Zone	Type	Stim/Treat Company

CONFIDENTIAL

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

AMENDED REPORT ☐ (highlight changes)

FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER: LC FEE 10-28D-56

9. API NUMBER: 4301351288

10 FIELD AND POOL, OR WILDCAT: LAKE CANYON

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 28 5S 6W U

12. COUNTY: DUCHESNE

13. STATE: UTAH

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

b. TYPE OF WORK: NEW WELL ☑ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER

2. NAME OF OPERATOR: BERRY PETROLEUM COMPANY

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

4. LOCATION OF WELL (FOOTAGES)

AT SURFACE: 1709 FNL 1243 FEL

AT TOP PRODUCING INTERVAL REPORTED BELOW: 2170 FSL 1806 FEL NESE

AT TOTAL DEPTH: ~~1980~~ 1958 FSL ~~1960~~ 1954 FEL NWSE BHL by HSM

14. DATE SPUDDED: 7/2/2012

15. DATE T.D. REACHED: 8/18/2012

16. DATE COMPLETED: 9/26/2012 ABANDONED ☐ READY TO PRODUCE ☑

17. ELEVATIONS (DF, RKB, RT, GL): 6694 GL

18. TOTAL DEPTH: MD 6,360 TVD 5932

19. PLUG BACK T.D.: MD 6,260 TVD 5832

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

ELECTRIC

23.
WAS WELL CORED? NO ☑ YES ☐ (Submit analysis)
WAS DST RUN? NO ☑ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☐ YES ☑ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
12.25	8.625 J-55	24	0	665		G 350			
7.875	5.5 N-80	17	0	6,303		G 560		630	

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	6,209							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) WASATCH	5,149	6,206		
(B) UTELAND BUTTE	4,908	5,115		
(C) CASTLE PEAK	4,552	4,876		
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
5,149 6,206	.42	132	Open ☑ Squeezed ☐
4,908 5,115	.42	50	Open ☑ Squeezed ☐
4,552 4,876	.42	68	Open ☑ Squeezed ☐
			Open ☐ Squeezed ☐

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
5149 TO 6206	FRAC W/ 400,000 LBS SAND & 6669 BBLS FLUID
4908 TO 5115	FRAC W/ 75,000 LBS SAND & 1844 BBLS FLUID
4552 TO 4876	FRAC W/ 140,000 LBS SAND & 2441 BBLS FLUID

29. ENCLOSED ATTACHMENTS:

☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☑ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER:

30. WELL STATUS: PUMPING

RECEIVED
OCT 24 2012
DIV. OF OIL, GAS & MINING

(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:
9/18/2012		10/10/2012		24			178	66	78	PUMPING
CHOKE SIZE:	TBG. PRESS. 300	CSG. PRESS. 150	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS: PRODUCING

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

SOLD

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.

34. FORMATION (Log) MARKERS:

Name	Top (Measured Depth)
GR (fouch)	894
MAHOGANY	1,601
TGR3	2,671
DOUGLAS CREEK	3,563
BLACK SHALE	4,223
CASTLE PEAK	4,648
UTELAND BUTTE	4,904
WASATCH	5,135

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Kathy K. Fieldsted TITLE Sr. Regulatory & Permitting Tech

SIGNATURE Kathy K. Fieldsted DATE 10/23/2012

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(5/2000)

Sharewell Energy Services

Survey Certification Sheet

Report Date: 8-28-12

Sharewell Job #: 20120805 / Directional

Operator: Berry Petroleum Co.
Well Name: LC FEE 10-28D-56
API#: 43-013-51288
County/State: Duchesne Co., UT
Well SHL: 1709' FNL & 1243' FEL (SENE) Sec.28-T5S-R6W
Well SHL: 40° 1' 12.691" N (NAD27)
110° 33' 32.994" W (NAD27)

Drilling Rig Contractor: Pioneer 65 (RKB: 19')

Surveyed Dates: 8/11/12-8/14/12
Surveyed from a depth of: OH: 692.00' MD to 6310.00' MD

Type of Survey: MWD Surveys (STB=50')

The data and calculations for this survey have been checked by me and conform to the calibration standards and operational procedures set forth by Sharewell Energy Services. I am authorized and qualified to review the data, calculations and this report, and that the report represents a true and correct Directional Survey of this well based on the original data corrected to True North and obtained at the well site. Wellbore Coordinates are calculated using minimum curvature method.

Bret Wolford

Bret Wolford

Sharewell Energy Services - Well Planner

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

Berry Petroleum Company

Project: Duchesne Co., UT (UT27C)
Site: Sec.28-T5S-R6W
Well: LC FEE 10-28D-56
Wellbore: Wellbore #1
Design: Design #3
Latitude: 40° 1' 12.691 N
Longitude: 110° 33' 32.994 W
Ground Level: 6694.00
WELL @ 6713.00usft

Sharewell Energy Services

WELL DETAILS: LC FEE 10-28D-56

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	615785.867	2263486.290	40° 1' 12.691 N	110° 33' 32.994 W	

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

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
LCF 10-28D-56 Box	5880.00	-1597.59	-732.46	40° 0' 56.901 N	110° 33' 42.409 W	Polygon
LCF 10-28D-56 Tgt	5880.00	-1568.50	-696.26	40° 0' 57.189 N	110° 33' 41.943 W	Point

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	Start Build 3.00
1911.18	36.34	203.94	1831.61	-339.41	-150.66	3.00	203.94	371.35	Start 1329.47 hold at 1911.18 MD
3240.65	36.34	203.94	2902.59	-1059.39	-470.26	0.00	0.00	1159.07	Start Drop -2.00
5057.41	0.00	0.00	4600.00	-1568.50	-696.26	2.00	180.00	1716.09	Start 1280.00 hold at 5057.41 MD
6337.41	0.00	0.00	5880.00	-1568.50	-696.26	0.00	0.00	1716.09	TD at 6337.41

PROJECT DETAILS: Duchesne Co., UT (UT27C)

Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: Utah Central 4302

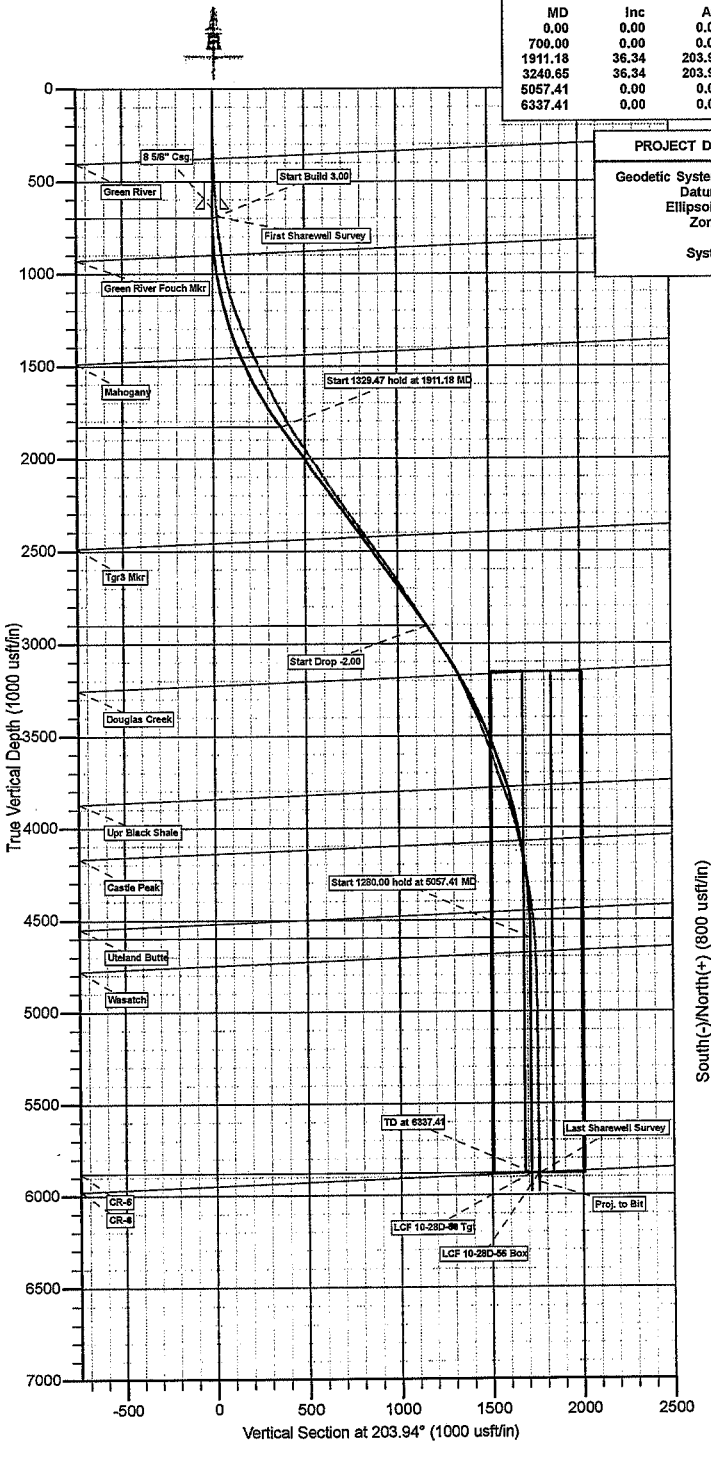
System Datum: Mean Sea Level

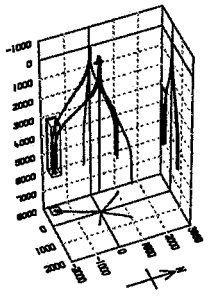
REFERENCE INFORMATION

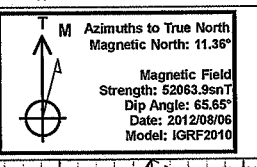
Co-ordinate (N/E) Reference: Well LC FEE 10-28D-56, True North
Vertical (TVD) Reference: WELL @ 6713.00usft
Section (VS) Reference: Slot - (0.00N, 0.00E)
Measured Depth Reference: WELL @ 6713.00usft
Calculation Method: Minimum Curvature

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
377.00	377.00	Green River
899.59	899.95	Green River Fouch Mkr
1453.85	1474.94	Mahogany
2426.92	2650.18	Tgr3 Mkr
3173.06	3563.71	Douglas Creek
3778.74	4224.47	Upr Black Shale
4074.90	4529.33	Castle Peak
4452.13	4909.47	Uteland Butte
4679.97	5137.39	Wasatch
5879.97	6337.39	CR-6

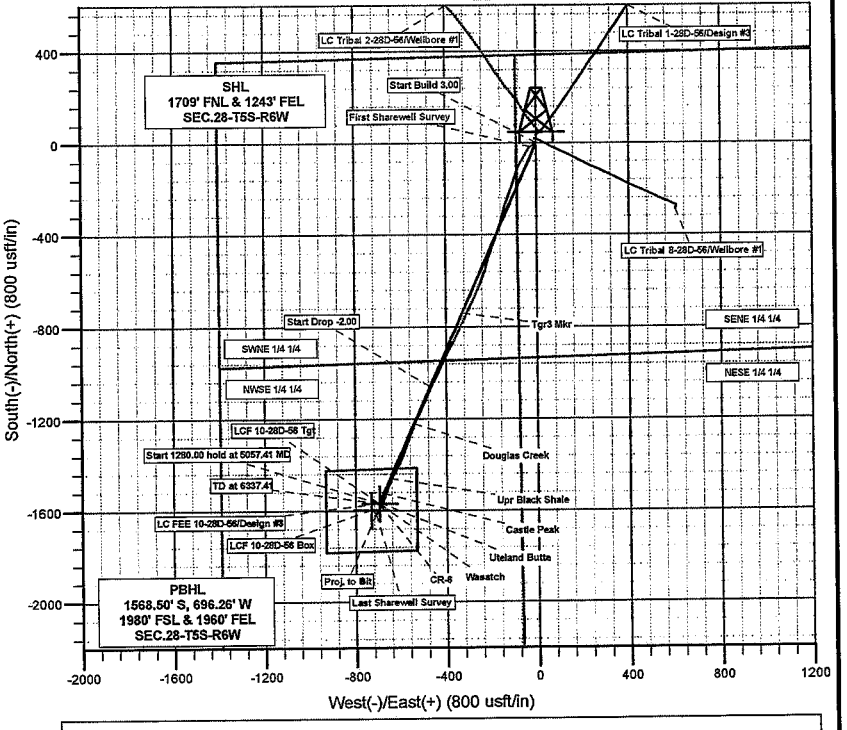






Azimuths to True North
Magnetic North: 11.36°

Magnetic Field
Strength: 52063.9snT
Dip Angle: 65.65°
Date: 2012/08/06
Model: IGRF2010



Plan: Design #3 (LC FEE 10-28D-56/Wellbore #1)

Created By: BRET WOLFORD Date: 9:36, August 15 2012

Berry Petroleum Company

Duchesne Co., UT (UT27C)
Sec.28-T5S-R6W
LC FEE 10-28D-56

Wellbore #1

Survey: Survey #1

Standard Survey Report

15 August, 2012

Sharewell
Energy Services

Sharewell Energy Services

Survey Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well LC FEE 10-28D-56
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 6713.00usft
Site:	Sec.28-T5S-R6W	**MD Reference:**	WELL @ 6713.00usft
Well:	LC FEE 10-28D-56	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 5000.1 Single User Db

Project Duchesne Co., UT (UT27C)

Map System:	US State Plane 1927 (Exact solution)	**System Datum:**	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Utah Central 4302		

Site Sec.28-T5S-R6W

Site Position:		**Northing:**	615,842.782 usft	**Latitude:**	40° 1' 13.253 N
From:	Lat/Long	**Easting:**	2,263,493.534 usft	**Longitude:**	110° 33' 32.893 W
Position Uncertainty:	0.00 usft	**Slot Radius:**	13-3/16"	**Grid Convergence:**	0.60 °

Well LC FEE 10-28D-56

Well Position	**+N/-S**	0.00 usft	**Northing:**	615,785.867 usft	**Latitude:**	40° 1' 12.691 N
	+E/-W	0.00 usft	**Easting:**	2,263,486.290 usft	**Longitude:**	110° 33' 32.994 W
Position Uncertainty		0.00 usft	**Wellhead Elevation:**	usft	**Ground Level:**	6,694.00 usft

Wellbore Wellbore #1

Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2010	2012/08/06	11.36	65.65	52,064

Design Wellbore #1

Audit Notes:

Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.00

Vertical Section:	**Depth From (TVD) (usft)**	**+N/-S (usft)**	**+E/-W (usft)**	**Direction (°)**
	0.00	0.00	0.00	203.94

Survey Program **Date** 2012/08/15

From (usft)	**To (usft)**	**Survey (Wellbore)**	**Tool Name**	**Description**
692.00	6,360.00	Survey #1 (Wellbore #1)	MWD	MWD - Standard

Survey

Measured Depth (usft)	**Inclination (°)**	**Azimuth (°)**	**Vertical Depth (usft)**	**+N/-S (usft)**	**+E/-W (usft)**	**Vertical Section (usft)**	**Dogleg Rate (°/100usft)**	**Build Rate (°/100usft)**	**Turn Rate (°/100usft)**
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
First Sharewell Survey									
692.00	5.20	236.10	691.05	-17.50	-26.05	26.56	0.75	0.75	0.00
754.00	5.20	225.10	752.80	-21.05	-30.37	31.56	1.61	0.00	-17.74
846.00	8.10	209.80	844.17	-29.62	-36.54	41.90	3.67	3.15	-16.63
906.00	9.70	207.10	903.45	-37.79	-40.95	51.15	2.76	2.67	-4.50
969.00	10.40	207.90	965.48	-47.54	-46.03	62.13	1.13	1.11	1.27
1,033.00	12.30	210.60	1,028.23	-58.51	-52.20	74.66	3.08	2.97	4.22
1,096.00	16.00	212.90	1,089.31	-71.59	-60.34	89.91	5.94	5.87	3.65
1,159.00	19.10	209.80	1,149.37	-87.82	-70.18	108.74	5.14	4.92	-4.92
1,221.00	18.90	205.00	1,208.00	-105.73	-79.46	128.88	2.54	-0.32	-7.74
1,284.00	19.60	200.20	1,267.48	-124.89	-87.42	149.62	2.75	1.11	-7.62
1,347.00	21.80	195.40	1,326.41	-146.09	-94.18	171.74	4.41	3.49	-7.62

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well LC FEE 10-28D-56
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 6713.00usft
Site:	Sec.28-T5S-R6W	**MD Reference:**	WELL @ 6713.00usft
Well:	LC FEE 10-28D-56	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 5000.1 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
1,411.00	23.30	196.00	1,385.52	-169.72	-100.83	196.03	2.37	2.34	0.94
1,474.00	25.10	200.10	1,442.98	-194.25	-108.85	221.71	3.91	2.86	6.51
1,537.00	26.30	200.80	1,499.75	-219.84	-118.40	248.98	1.96	1.90	1.11
1,600.00	26.30	199.30	1,556.23	-246.06	-127.97	276.82	1.05	0.00	-2.38
1,662.00	27.70	198.10	1,611.47	-272.73	-136.99	304.85	2.42	2.26	-1.94
1,726.00	26.30	196.00	1,668.49	-300.50	-145.52	333.69	2.65	-2.19	-3.28
1,787.00	27.10	195.40	1,722.99	-326.88	-152.93	360.82	1.38	1.31	-0.98
1,851.00	30.20	197.60	1,779.15	-356.29	-161.67	391.24	5.12	4.84	3.44
1,914.00	32.50	198.90	1,832.95	-387.41	-171.95	423.85	3.81	3.65	2.06
1,978.00	33.30	199.60	1,886.68	-420.23	-183.41	458.50	1.38	1.25	1.09
2,040.00	34.50	199.20	1,938.14	-452.84	-194.89	492.97	1.97	1.94	-0.65
2,104.00	34.40	198.00	1,990.92	-487.15	-206.44	529.02	1.07	-0.16	-1.87
2,167.00	31.90	196.70	2,043.66	-520.03	-216.73	563.24	4.13	-3.97	-2.06
2,231.00	32.30	198.10	2,097.88	-552.48	-226.90	597.02	1.32	0.62	2.19
2,294.00	33.90	200.60	2,150.65	-584.93	-238.31	631.31	3.34	2.54	3.97
2,357.00	35.50	202.60	2,202.45	-618.26	-251.52	667.14	3.12	2.54	3.17
2,421.00	37.00	204.10	2,254.06	-653.00	-266.53	704.98	2.72	2.34	2.34
2,485.00	36.60	204.90	2,305.31	-687.89	-282.43	743.31	0.98	-0.62	1.25
2,547.00	36.70	204.40	2,355.05	-721.52	-297.86	780.32	0.51	0.16	-0.81
2,609.00	36.90	206.60	2,404.70	-755.04	-313.85	817.44	2.15	0.32	3.55
2,672.00	36.20	206.30	2,455.31	-788.63	-330.56	854.92	1.15	-1.11	-0.48
2,734.00	35.30	206.00	2,505.63	-821.14	-346.53	891.12	1.48	-1.45	-0.48
2,798.00	34.70	205.80	2,558.05	-854.17	-362.56	927.80	0.95	-0.94	-0.31
2,861.00	34.50	206.80	2,609.91	-886.24	-378.41	963.55	0.96	-0.32	1.59
2,925.00	34.60	207.40	2,662.62	-918.55	-394.95	999.79	0.55	0.16	0.94
2,988.00	34.70	207.00	2,714.45	-950.41	-411.32	1,035.55	0.39	0.16	-0.63
3,050.00	33.10	206.70	2,765.91	-981.26	-426.94	1,070.08	2.59	-2.58	-0.48
3,113.00	33.30	205.50	2,818.62	-1,012.23	-442.11	1,104.55	1.09	0.32	-1.90
3,176.00	33.00	203.50	2,871.37	-1,043.58	-456.40	1,139.00	1.80	-0.48	-3.17
3,239.00	33.20	204.20	2,924.15	-1,075.04	-470.31	1,173.40	0.68	0.32	1.11
3,302.00	34.50	205.10	2,976.47	-1,106.93	-484.95	1,208.49	2.21	2.06	1.43
3,365.00	33.90	205.10	3,028.57	-1,139.00	-499.97	1,243.89	0.95	-0.95	0.00
3,428.00	31.60	204.70	3,081.56	-1,169.91	-514.32	1,277.97	3.67	-3.65	-0.63
3,491.00	29.70	204.40	3,135.75	-1,199.12	-527.67	1,310.08	3.03	-3.02	-0.48
3,553.00	25.90	201.60	3,190.59	-1,225.71	-539.00	1,338.98	6.48	-6.13	-4.52
3,615.00	25.80	203.20	3,246.39	-1,250.70	-549.30	1,366.00	1.14	-0.16	2.58
3,677.00	25.00	200.80	3,302.39	-1,275.35	-559.27	1,392.58	2.10	-1.29	-3.87
3,740.00	23.90	200.30	3,359.74	-1,299.77	-568.43	1,418.60	1.78	-1.75	-0.79
3,804.00	22.40	199.60	3,418.59	-1,323.41	-577.02	1,443.70	2.38	-2.34	-1.09
3,867.00	21.20	200.20	3,477.08	-1,345.41	-584.98	1,467.04	1.94	-1.90	0.95
3,930.00	20.00	202.80	3,536.05	-1,366.04	-593.08	1,489.18	2.39	-1.90	4.13
3,993.00	19.40	204.90	3,595.37	-1,385.46	-601.67	1,510.41	1.47	-0.95	3.33
4,056.00	19.30	207.70	3,654.81	-1,404.17	-610.91	1,531.27	1.48	-0.16	4.44
4,119.00	19.20	206.90	3,714.29	-1,422.63	-620.44	1,552.00	0.45	-0.16	-1.27
4,181.00	19.40	207.00	3,772.80	-1,440.89	-629.72	1,572.46	0.33	0.32	0.16
4,245.00	19.50	207.20	3,833.15	-1,459.86	-639.43	1,593.74	0.19	0.16	0.31
4,308.00	17.60	204.60	3,892.88	-1,477.88	-648.20	1,613.77	3.29	-3.02	-4.13
4,371.00	15.70	202.60	3,953.23	-1,494.41	-655.45	1,631.81	3.15	-3.02	-3.17
4,434.00	13.80	200.40	4,014.15	-1,509.32	-661.34	1,647.84	3.14	-3.02	-3.49
4,497.00	11.90	195.50	4,075.57	-1,522.63	-665.70	1,661.76	3.47	-3.02	-7.78
4,560.00	11.30	197.90	4,137.29	-1,534.76	-669.33	1,674.33	1.22	-0.95	3.81
4,621.00	11.10	202.80	4,197.13	-1,545.86	-673.44	1,686.14	1.59	-0.33	8.03
4,684.00	10.60	202.40	4,259.00	-1,556.81	-678.00	1,698.00	0.80	-0.79	-0.63
4,748.00	9.50	205.30	4,322.02	-1,567.02	-682.50	1,709.16	1.89	-1.72	4.53

Sharewell Energy Services

Survey Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well LC FEE 10-28D-56
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 6713.00usft
Site:	Sec.28-T5S-R6W	**MD Reference:**	WELL @ 6713.00usft
Well:	LC FEE 10-28D-56	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 5000.1 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,811.00	9.10	198.10	4,384.19	-1,576.46	-686.27	1,719.31	1.95	-0.63	-11.43
4,874.00	7.10	205.80	4,446.56	-1,584.70	-689.51	1,728.16	3.60	-3.17	12.22
4,937.00	5.60	209.10	4,509.17	-1,590.89	-692.70	1,735.12	2.45	-2.38	5.24
5,000.00	4.20	214.20	4,571.94	-1,595.49	-695.49	1,740.45	2.33	-2.22	8.10
5,064.00	3.00	218.40	4,635.82	-1,598.74	-697.85	1,744.38	1.92	-1.87	6.56
5,127.00	2.30	205.10	4,698.75	-1,601.18	-699.41	1,747.24	1.47	-1.11	-21.11
5,190.00	1.80	200.90	4,761.71	-1,603.24	-700.30	1,749.49	0.83	-0.79	-6.67
5,254.00	2.00	201.80	4,825.67	-1,605.22	-701.08	1,751.61	0.32	0.31	1.41
5,317.00	1.80	194.00	4,888.64	-1,607.20	-701.72	1,753.68	0.52	-0.32	-12.38
5,380.00	0.30	249.80	4,951.63	-1,608.22	-702.12	1,754.77	2.62	-2.38	88.57
5,443.00	0.10	190.30	5,014.63	-1,608.33	-702.28	1,754.94	0.42	-0.32	-94.44
5,507.00	0.20	203.20	5,078.63	-1,608.49	-702.34	1,755.10	0.16	0.16	20.16
5,570.00	0.30	211.50	5,141.63	-1,608.73	-702.47	1,755.38	0.17	0.16	13.17
5,633.00	0.40	247.80	5,204.62	-1,608.95	-702.75	1,755.70	0.38	0.16	57.62
5,695.00	0.80	242.20	5,266.62	-1,609.24	-703.34	1,756.20	0.65	0.65	-9.03
5,759.00	0.40	274.80	5,330.62	-1,609.43	-703.96	1,756.62	0.80	-0.62	50.94
5,821.00	0.50	266.90	5,392.62	-1,609.42	-704.44	1,756.81	0.19	0.16	-12.74
5,884.00	0.40	232.60	5,455.61	-1,609.57	-704.89	1,757.13	0.45	-0.16	-54.44
5,948.00	0.40	240.40	5,519.61	-1,609.82	-705.26	1,757.51	0.09	0.00	12.19
6,011.00	0.50	224.00	5,582.61	-1,610.12	-705.64	1,757.94	0.26	0.16	-26.03
6,074.00	0.80	248.90	5,645.61	-1,610.48	-706.25	1,758.51	0.64	0.48	39.52
6,136.00	1.10	251.00	5,707.60	-1,610.83	-707.21	1,759.22	0.49	0.48	3.39
6,199.00	1.10	249.80	5,770.59	-1,611.23	-708.35	1,760.06	0.04	0.00	-1.90
6,262.00	1.10	234.30	5,833.57	-1,611.80	-709.41	1,761.00	0.47	0.00	-24.60
Last Sharewell Survey									
6,310.00	1.30	242.60	5,881.56	-1,612.32	-710.27	1,761.82	0.55	0.42	17.29
Proj. to Bit									
6,360.00	1.30	242.60	5,931.55	-1,612.84	-711.28	1,762.71	0.00	0.00	0.00

Survey Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
692.00	691.05	-17.50	-26.05	First Sharewell Survey
6,310.00	5,881.56	-1,612.32	-710.27	Last Sharewell Survey
6,360.00	5,931.55	-1,612.84	-711.28	Proj. to Bit

Checked By: _____ Approved By: _____ Date: _____

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NUMBER: See attached list

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

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

8. WELL NAME and NUMBER: See Attached List

2. NAME OF OPERATOR: Berry Petroleum

9. API NUMBER: Attached

3. ADDRESS OF OPERATOR: Rt 2 Box 7735 CITY Roosevelt STATE UT ZIP 84066 PHONE NUMBER: (435) 722-1325

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY: Duchesne

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

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

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

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

Produced wastewater from Berry Petroleum Company wells (see attached well list) will be or have been used for injection in our enhanced oil recovery project(s) in the Brundage Canyon Field or they will be trucked to one of the following approved waste water disposal sites:

- R.N. Industries, Inc. Sec. 4, T2S, R2W, Bluebell
- MC & MC Disposal Sec. 12, T6S, R19E, Vernal
- LaPoint Recycle & Storage Sec. 12, T5S, R19E, LaPoint
- Water Disposal Inc. Sec. 32, T1S, R1W, Roosevelt
- ITL 4461 W 3000 So Roosevelt Location Pleasant Valley
- IWM PO Box 430 Altamont or 20250 W 2000 S Duchesne Location – Blue Bench
- Pro Water 12223 Highland Ave Ste B503 Rancho Cucamonga Ca 91739 Location – Blue Bench

COPY SENT TO OPERATOR
Date: 12-13-2012
Initials: KS

Approved by the Utah Division of Oil, Gas and Mining

Date: 12/11/12

NAME (PLEASE PRINT) Krista Mecham **By:** TITLE Sr. Regulatory & Permitting Tech

SIGNATURE Krista Mecham DATE 11/21/2012

(This space for State use only) Federal Approval of this action required for Federal Wells.

RECEIVED
DEC 06 2012
DIV. OF OIL, GAS & MINING

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

API	Well Name	Lease
43-013-32710	#1 DLB 12-15-56	Fee
43-013-33447	1-15-56 DLB	Fee
43-013-33378	14-11-56 DLB	Fee
43-013-30842	B C UTE TRIBAL 14-15	14-20-H62-3412
43-013-30841	B C UTE TRIBAL 16-16	14-20-H62-3413
43-013-30829	B C UTE TRIBAL 8-21	14-20-H62-3414
43-013-30755	BC UTE TRIBAL 4-22	14-20-H62-3415
43-013-33216	BERRY TRIBAL 1-23-54	14-20-H62-4943
43-013-33867	BERRY TRIBAL 2-34D-54	14-20-H62-4955
43-013-33384	BERRY TRIBAL 4-34-54	14-20-H62-4955
43-013-33381	BERRY TRIBAL 7-23-54	14-20-H62-4943
43-013-33383	BERRY TRIBAL 7-34-54	14-20-H62-4955
43-013-33417	BERRY TRIBAL 8-23D-54	14-20-H62-4943
43-013-33465	BERRY TRIBAL 9-23-54	14-20-H62-4943
43-013-33382	BERRY TRIBAL 9-34-54	14-20-H62-4955
43-013-33724	BERRY TRIBAL 10-23D-54	14-20-H62-4943
43-013-33422	BERRY TRIBAL 10-34D-54	14-20-H62-4955
43-013-33725	BERRY TRIBAL 11-23D-54	14-20-H62-4943
43-013-33529	BERRY TRIBAL 11-34D-54	14-20-H62-4955
43-013-50527	BERRY TRIBAL 12-34D-54	14-20-H62-4955
43-013-34043	BERRY TRIBAL 13-23-54	14-20-H62-4943
43-013-33989	BERRY TRIBAL 14-23D-54	14-20-H62-4943
43-013-33217	BERRY TRIBAL 15-23-54	14-20-H62-4943
43-013-33411	BERRY TRIBAL 15-34-54	14-20-H62-4955
43-013-33464	BERRY TRIBAL 16-34D-54	14-20-H62-4955
43-013-50524	FEDERAL 1-1D-64	UTU-77321
43-013-51142	FEDERAL 1-1D-65	UTU-77326
43-013-51232	FEDERAL 1-11-65	UTU-77330
43-013-50326	FEDERAL 10-1D-65	UTU-77326
43-013-33542	FEDERAL 10-2-65	UTU-77326
43-013-33386	FEDERAL 10-3-65	UTU-77326
43-013-50735	FEDERAL 10-6D-64	UTU-77322
43-013-33451	FEDERAL 11-10-65	UTU-77330
43-013-50327	FEDERAL 11-1D-65	UTU-77326
43-013-50763	FEDERAL 11-2D-65	UTU-77326
43-013-50565	FEDERAL 11-4D-64	UTU-77314
43-013-50348	FEDERAL 11-5D-64	UTU-8894A
43-013-34284	FEDERAL 11-6D-64	UTU-77322
43-013-50328	FEDERAL 12-1D-65	UTU-77326
43-013-50737	FEDERAL 12-3D-64	UTU-77321
43-013-50349	FEDERAL 12-5D-64	UTU-8894A
43-013-50261	FEDERAL 12-6D-64	UTU-77322
43-013-50730	FEDERAL 1-2D-64	UTU-77321
43-013-33966	FEDERAL 1-2D-65	UTU-77326
43-013-50329	FEDERAL 13-1D-65	UTU-77326
43-013-50337	FEDERAL 13-5D-64	UTU-8894A
43-013-50347	FEDERAL 13-6D-64	UTU77322
43-013-50330	FEDERAL 14-1D-65	UTU-77326

43-013-50338	FEDERAL 14-5D-64	UTU-8894A
43-013-34285	FEDERAL 14-6D-64	UTU-77322
43-013-51175	FEDERAL 15-1D-65	UTU-77326
43-013-50764	FEDERAL 15-2D-65	UTU-77326
43-013-50553	FEDERAL 15-5D-65	UTU-77327
43-013-51176	FEDERAL 16-1D-65	UTU-77326
43-013-33490	FEDERAL 16-5-65	UTU-77327
43-013-50266	FEDERAL 1-6-64	UTU-77322
43-013-51233	FEDERAL 2-11D-65	UTU-77326
43-013-50759	FEDERAL 2-1D-65	UTU-77326
43-013-33385	FEDERAL 2-2-65	UTU-77326
43-013-34018	FEDERAL 2-2D-64	UTU-77321
43-013-34286	FEDERAL 2-6D-64	UTU-77322
43-013-51093	FEDERAL 3-12D-65	UTU-77326
43-013-50760	FEDERAL 3-1D-65	UTU-77326
43-013-34001	FEDERAL 3-2D-65	UTU-77326
43-013-50782	FEDERAL 3-4D-65	UTU-77327
43-013-34287	FEDERAL 3-5D-64	UTU-8894A
43-013-50268	FEDERAL 3-6D-64	UTU-77322
43-013-51094	FEDERAL 4-12D-65	UTU-77326
43-013-50736	FEDERAL 4-3D-64	UTU-77321
43-013-50521	FEDERAL 4-4D-65	UTU-77327
43-013-50263	FEDERAL 4-5D-64	UTU-8894A
43-013-50267	FEDERAL 4-6D-64	UTU-77322
43-013-51095	FEDERAL 5-12D-65	UTU-77330
43-013-50761	FEDERAL 5-1D-65	UTU-77326
43-013-33448	FEDERAL 5-3-64	UTU-77321
43-013-33450	FEDERAL 5-4-64	UTU-77326
43-013-33387	FEDERAL 5-4-65	UTU-77327
43-013-50259	FEDERAL 5-5D-64	UTU-8894A
43-013-33489	FEDERAL 5-6-65	UTU-77327
43-013-50269	FEDERAL 5-6D-64	UTU-77322
43-013-33491	FEDERAL 6-11-65	UTU-77330
43-013-51096	FEDERAL 6-12D-65	UTU-77330
43-013-32699	FEDERAL 6-1-65	UTU-77325
43-013-32557	FEDERAL 6-2-65	UTU-77326
43-013-50522	FEDERAL 6-3D-64	UTU-77321
43-013-34288	FEDERAL 6-5D-64	UTU-8894A
43-013-33745	FEDERAL 6-6D-64	UTU-77322
43-013-50566	FEDERAL 6-6D-65	UTU-77327
43-013-34061	FEDERAL 7-11D-65	UTU-77330
43-013-34015	FEDERAL 7-1D-65	UTU-77325
43-013-50734	FEDERAL 7-2D-64	UTU-77321
43-013-50525	FEDERAL 7-2D-65	UTU-77326
43-013-34065	FEDERAL 7-3D-65	UTU-77326
43-013-34020	FEDERAL 7-6D-64	UTU-77322
43-013-51232	FEDERAL 8-11D-65	UTU-77326
43-013-33449	FEDERAL 8-1-64	UTU-77321
43-013-50350	FEDERAL 8-1D-65	UTU-77326

43-013-33581	FEDERAL 8-2D-64	UTU-77321
43-013-50719	FEDERAL 8-2D-65	UTU-77326
43-013-50325	FEDERAL 8-6D-64	UTU-77322
43-013-50342	FEDERAL 9-1D-65	UTU-77326
43-013-50762	FEDERAL 9-2D-65	UTU-77326
43-013-51218	FEDERAL 9-6D-64	UTU-77322
43-013-32351	FOY TRIBAL 11-34-55	UTU-76968
43-013-33799	FOY TRIBAL 12H-33-55	FEE
43-013-51288	LC FEE 10-28D-56	FEE
43-013-50994	LC FEE 10-31D-45	FEE
43-013-50965	LC FEE 1-22-57	FEE
43-013-50718	LC FEE 1-22D-56	FEE
43-013-51371	LC FEE 1-31D-45	FEE
43-013-50929	LC FEE 13-29-45	FEE
43-013-50870	LC FEE 15-23D-56	FEE
43-013-50601	LC FEE 16-16D-56	FEE
43-013-50777	LC FEE 2-20D-56	FEE
43-013-33593	LC FEE 6-12-57	FEE
43-013-50867	LC FEE 8-28D-56	FEE
43-013-50928	LC FEE 8-29-45	FEE
43-013-50963	LC FEE 9-12D-57	FEE
43-013-51192	LC FEE 9-19-56	FEE
43-013-50602	LC TRIBAL 10-16D-56	14-20-H62-6301
43-013-50999	LC TRIBAL 10-21-56	14-20-H62-3433
43-013-33677	LC TRIBAL 11-17-56	14-20-H62-6300
43-013-50751	LC TRIBAL 11-3D-56	14-20-H62-6435
43-013-50780	LC TRIBAL 12-22D-56	14-20-H62-6302
43-013-33606	LC TRIBAL 12H-6-56	14-20-H62-5500
43-013-34282	LC TRIBAL 13-16D-56	14-20-H62-5623
43-013-33591	LC TRIBAL 13H-3-56	14-20-H62-6435
43-013-50776	LC TRIBAL 14-14D-56	14-20-H62-6436
43-013-50834	LC TRIBAL 14-15D-56	14-20-H62-6435
43-013-33492	LC TRIBAL 14-2-56	14-20-H62-6472
43-013-51030	LC TRIBAL 15-15D-56	14-20-H62-6435
43-013-50606	LC TRIBAL 15-22D-56	14-20-H62-6302
43-013-50871	LC TRIBAL 15-26-56	14-20-H62-6471
43-013-51132	LC TRIBAL 16-30D-56	2OG-000-5500
43-013-33608	LC TRIBAL 1-9-56	14-20-H62-5657
43-013-33538	LC TRIBAL 2-16D-56	14-20-H62-5623
43-013-51429	LC TRIBAL 2-28D-45	2OG-000-5500
43-013-50866	LC TRIBAL 2-28D-56	14-20-H62-6473
43-013-50925	LC TRIBAL 2-5D-56	14-20-H62-6432
43-013-50926	LC TRIBAL 2-9D-56	14-20-H62-5657
43-013-50598	LC TRIBAL 3-15D-56	14-20-H62-6435
43-013-33541	LC TRIBAL 3-17-56	14-20-H62-5655
43-013-50751	LC TRIBAL 3-21D-56	14-20-H62-3433
43-013-50976	LC TRIBAL 3-34-45	2OG-000-5500
43-013-33580	LC TRIBAL 3-5-56	14-20-H62-6257
43-013-33539	LC TRIBAL 4-16-56	14-20-H62-6301

43-013-50262	LC TRIBAL 4-27D-56	14-20-H62-6303
43-013-50661	LC TRIBAL 5-14D-56	14-20-H62-6436
43-013-50752	LC TRIBAL 5-21D-56	14-20-H62-3433
43-013-50625	LC TRIBAL 5-23D-56	14-20-H62-6434
43-013-50260	LC TRIBAL 6-22D-56	14-20-H62-6302
43-013-50868	LC TRIBAL 6-27D-56	14-20-H62-6303
43-013-51034	LC TRIBAL 6-28-45	2OG-000-5500
43-013-51073	LC TRIBAL 7-27-45	2OG-000-5500
43-013-33577	LC TRIBAL 7-3-56	14-20-H62-5656
43-013-50599	LC TRIBAL 8-16D-56	14-20-H62-6301
43-013-33576	LC TRIBAL 8-28-46	14-20-H62-5500
43-013-51131	LC TRIBAL 8-30D-56	2OG-000-5500
43-013-33605	LC TRIBAL 8-4-56	14-20-H62-6256
43-013-51031	LC TRIBAL 9-15D-56	14-20-H62-6435
43-013-51430	LC TRIBAL 9-28D-45	2OG-000-5500
43-013-51112	LC TRIBAL 9-8D-56	2OG-000-5500
43-013-51198	LC TRIBAL 9-9D-56	2OG-000-5500
43-013-51076	LC Tribal 11-24-45	2OG-000-5500
43-013-32931	MOON TRIBAL 10-2-54	14-20-H62-3404
43-013-32540	MOON TRIBAL 10-27-54	14-20-H62-3375
43-013-32845	MOON TRIBAL 11-27-54	14-20-H62-3375
43-013-32347	MOON TRIBAL 12-23-54	14-20-H62-4943
43-013-32541	MOON TRIBAL 12-27-54	14-20-H62-3375
43-013-32937	MOON TRIBAL 1-27-54	14-20-H62-3375
43-013-32801	MOON TRIBAL 13-27-54	14-20-H62-3375
43-013-32408	MOON TRIBAL 14-27-54	14-20-H62-3375
43-013-32846	MOON TRIBAL 15-27-54	14-20-H62-3375
43-013-32927	MOON TRIBAL 16-23-54	14-20-H62-4943
43-013-34109	MOON TRIBAL 16-27D-54	14-20-H62-3375
43-013-32613	MOON TRIBAL 3-27-54	14-20-H62-3375
43-013-32800	MOON TRIBAL 4-23-54	14-20-H62-4943
43-013-32938	MOON TRIBAL 5-23-54	14-20-H62-4943
43-013-32802	MOON TRIBAL 5-27-54	14-20-H62-3375
43-013-32843	MOON TRIBAL 6-23-54	14-20-H62-4943
43-013-32407	MOON TRIBAL 6-27-54	14-20-H62-3375
43-013-33365	MOON TRIBAL 7-27D-54	14-20-H62-3375
43-013-32543	MOON TRIBAL 8-27-54	14-20-H62-3375
43-013-32782	MYRIN TRIBAL 14-19-55	14-20-H62-5058
43-013-32934	MYRIN TRIBAL 16-19-55	14-20-H62-5058
43-013-33152	NIELSEN FEE 13-11-56	14-20-H62-5620
43-013-32737	NIELSEN MARSING 13-14-56	FEE
43-013-31131	S BRUNDAGE CYN UTE TRIBAL 4-27	14-20-H62-3375
43-013-30948	S BRUNDAGE UTE TRIBAL 1-30	14-20-H62-3417
43-013-30933	S COTTONWOOD RIDGE UTE TRIBAL 1-19	14-20-H62-4919
43-007-30890	SCOFIELD THORPE 22-41X RIG SKID	FEE
43-007-31001	SCOFIELD-THORPE 23-31	FEE
43-007-30991	SCOFIELD-THORPE 35-13	FEE
43-013-50686	SFW FEE 14-10D-54	FEE
43-013-50247	SFW FEE 15-10-54	FEE

43-013-34295	SFW TRIBAL 10-10D-54	14-20-H62-5517
43-013-34296	SFW TRIBAL 9-10D-54	14-20-H62-5517
43-013-31701	SOWERS CANYON 9-27	14-20-H62-4753/UTU-76967
43-013-30955	SOWERS CYN UTE TRIBAL 3-26	14-20-H62-3444
43-013-33916	ST TRIBAL 1-15D-54	14-20-H62-4661
43-013-32849	ST TRIBAL 2-15-54	14-20-H62-4661
43-013-34059	ST TRIBAL 3-15D-54	14-20-H62-4661
43-013-32850	ST TRIBAL 4-15-54	14-20-H62-4661
43-013-34060	ST TRIBAL 5-15D-54	14-20-H62-4661
43-013-32848	ST TRIBAL 6-15-54	14-20-H62-4661
43-013-33950	ST TRIBAL 7-15D-54	14-20-H62-4661
43-013-32851	ST TRIBAL 8-15-54	14-20-H62-4661
43-013-33951	ST TRIBAL 9-15D-54	14-20-H62-4661
43-013-50245	STATE TRIBAL 16-10-54	14-20-H62-5517
43-013-32953	STATE TRIBAL 5-18-54	14-20-H62-5035
43-013-32952	STATE TRIBAL 7-18-54	14-20-H62-5035
43-013-30999	T C UTE TRIBAL 9-23X	14-20-H62-3443
43-013-31699	TABBY CANYON 1-21	14-20-H62-4825/UTU-76965
43-013-31700	TABBY CANYON 8-22	14-20-H62-4754/UTU-76966
43-013-30945	TABBY CYN UTE TRIBAL 1-25	14-20-H62-3537
43-013-33121	TAYLOR FEE 13-22-56	FEE
43-013-33140	TAYLOR FEE 7-14-56	FEE
43-013-32738	TAYLOR HERRICK 10-22-56	FEE
43-013-51271	UTE FEE 14-9D-54	FEE
43-013-51272	UTE FEE 15-9D-54	FEE
43-013-33720	UTE FEE 2-13-55	FEE
43-013-51259	UTE FEE 9-9-54	FEE
43-013-33055	UTE TRIBAL 10-12-55	14-20-H62-5056
43-013-33205	UTE TRIBAL 10-14-54	14-20-H62-5033
43-013-32601	UTE TRIBAL 10-14-55	14-20-H62-5016
43-013-32587	UTE TRIBAL 10-15-54	14-20-H62-4661
43-013-32977	UTE TRIBAL 10-15-55	14-20-H62-5017
43-013-33129	UTE TRIBAL 10-16-54	14-20-H62-3413
43-013-32345	UTE TRIBAL 10-16-55	14-20-H62-5024
43-013-33133	UTE TRIBAL 10-17-54	14-20-H62-4731
43-013-33300	UTE TRIBAL 10-18-54	14-20-H62-4919
43-013-32717	UTE TRIBAL 10-19-54	14-20-H62-3528
43-013-32740	UTE TRIBAL 10-20-54	14-20-H62-3529
43-013-32603	UTE TRIBAL 10-21-55	14-20-H62-4825
43-013-32592	UTE TRIBAL 10-22-54	14-20-H62-3415
43-013-33722	UTE TRIBAL 10-22D-55	14-20-H62-4754
43-013-33358	UTE TRIBAL 10-23D-55	14-20-H62-3443
43-013-32932	UTE TRIBAL 10-24-54	14-20-H62-4716
43-013-33156	UTE TRIBAL 10-24D-55	14-20-H62-4749
43-013-32749	UTE TRIBAL 10-25-55	14-20-H62-3537
43-013-33620	UTE TRIBAL 10-26D-54	14-20-H62-4954
43-013-33360	UTE TRIBAL 10-26D-55	14-20-H62-3444
43-013-33683	UTE TRIBAL 10-27D-55	14-20-H62-4753
43-013-32764	UTE TRIBAL 10-28-54	14-20-H62-4740

43-013-32419	UTE TRIBAL 10-28-55	14-20-H62-5019
43-013-33155	UTE TRIBAL 10-29-54	14-20-H62-5036
43-013-33157	UTE TRIBAL 10-29D-55	14-20-H62-5020
43-013-32847	UTE TRIBAL 10-31-54	14-20-H62-4946
43-013-32936	UTE TRIBAL 10-31-55	14-20-H62-5060
43-013-33902	UTE TRIBAL 10-32-54	14-20-H62-4947
43-013-33092	UTE TRIBAL 10-33-54	14-20-H62-4948
43-013-32353	UTE TRIBAL 10-35-55	14-20-H62-4945
43-013-33968	UTE TRIBAL 10-36D-55	14-20-H62-4944
43-013-50854	UTE TRIBAL 10S-21D-54	14-20-H62-3141
43-013-32721	UTE TRIBAL 11-12-55	14-20-H62-5518
43-013-32568	UTE TRIBAL 11-13-54	14-20-H62-4894
43-013-33268	UTE TRIBAL 11-13-55	14-20-H62-4845
43-013-32693	UTE TRIBAL 11-14-55	14-20-H62-5016
43-013-33206	UTE TRIBAL 11-15-54	14-20-H62-4661
43-013-32980	UTE TRIBAL 11-15-55	14-20-H62-5017
43-013-32589	UTE TRIBAL 11-16-54	14-20-H62-3413
43-013-32145	UTE TRIBAL 11-17	14-20-H62-4731
43-013-31547	UTE TRIBAL 11-19	14-20-H62-3528
43-013-32168	UTE TRIBAL 11-20	14-20-H62-3529
43-013-32415	UTE TRIBAL 11-20-55	14-20-H62-5018
43-013-33115	UTE TRIBAL 11-21-54	14-20-H62-3414
43-013-33116	UTE TRIBAL 11-22-54	14-20-H62-3415
43-013-32607	UTE TRIBAL 11-22-55	14-20-H62-4754
43-013-32269	UTE TRIBAL 11-23-55	14-20-H62-3443
43-013-31909	UTE TRIBAL 11-24	14-20-H62-4749
43-013-31911	UTE TRIBAL 11-25	14-20-H62-3537
43-013-32856	UTE TRIBAL 11-25-54	14-20-H62-3440
43-013-32990	UTE TRIBAL 11-25-56	14-20-H62-5065
43-013-32844	UTE TRIBAL 11-26-54	14-20-H62-4954
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
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43-013-32414	UTE TRIBAL 1-20-55	14-20-H62-5018
43-013-32369	UTE TRIBAL 12-14-54	14-20-H62-5033

43-013-50476	UTE TRIBAL 12-14D-55	14-20-H62-4661
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
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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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43-013-32564	UTE TRIBAL 13-29-54	14-20-H62-5032
43-013-33501	UTE TRIBAL 1-31-55	14-20-H62-5060
43-013-30872	UTE TRIBAL 1-32R	14-20-H62-4947
43-013-32185	UTE TRIBAL 1-33	14-20-H62-4948
43-013-32409	UTE TRIBAL 13-30-54	14-20-H62-4662
43-013-32688	UTE TRIBAL 13-31-54	14-20-H62-4946
43-013-32692	UTE TRIBAL 13-32-54	14-20-H62-4947
43-013-32742	UTE TRIBAL 13-33-54	14-20-H62-4948
43-013-32806	UTE TRIBAL 13-35-54	14-20-H62-5053
43-013-34117	UTE TRIBAL 13-35D-55	14-20-H62-4945
43-013-33624	UTE TRIBAL 13-36D-55	14-20-H62-4944
43-013-32186	UTE TRIBAL 1-34	14-20-H62-4955
43-013-50408	UTE TRIBAL 1-34D-55	14-20-H62-5028
43-013-32567	UTE TRIBAL 1-35-54	14-20-H62-5032
43-013-33967	UTE TRIBAL 1-35D-55	14-20-H62-4945
43-013-32760	UTE TRIBAL 1-36-55	14-20-H62-4944
43-013-33380	UTE TRIBAL 13H-16-55	14-20-H62-5024
43-013-33112	UTE TRIBAL 14-14-54	14-20-H62-5033
43-013-32979	UTE TRIBAL 14-15-55	14-20-H62-5017
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43-013-32147	UTE TRIBAL 14-17	14-20-H62-4919
43-013-32984	UTE TRIBAL 14-18-55	14-20-H62-5057
43-013-32690	UTE TRIBAL 14-19-54	14-20-H62-3528
43-013-32702	UTE TRIBAL 14-20-54	14-20-H62-3529
43-013-32384	UTE TRIBAL 14-21-54	14-20-H62-3414
43-013-32593	UTE TRIBAL 14-22-54	14-20-H62-3415
43-013-33717	UTE TRIBAL 14-22D-55	14-20-H62-4754
43-013-33915	UTE TRIBAL 14-23D-55	14-20-H62-3443
43-013-33912	UTE TRIBAL 14-24D-55	14-20-H62-4749
43-013-32988	UTE TRIBAL 14-24-56	14-20-H62-5064
43-013-33912	UTE TRIBAL 14-24D-55	14-20-H62-4749
43-013-32776	UTE TRIBAL 14-25-54	14-20-H62-3440
43-013-32750	UTE TRIBAL 14-25-55	14-20-H62-3537
43-013-33673	UTE TRIBAL 14-26D-54	14-20-H62-4954
43-013-33361	UTE TRIBAL 14-26D-55	14-20-H62-3444
43-013-33684	UTE TRIBAL 14-27D-55	14-20-H62-4753
43-013-32348	UTE TRIBAL 14-28-55	14-20-H62-5019
43-013-33278	UTE TRIBAL 14-28D-54	14-20-H62-5036
43-013-33042	UTE TRIBAL 14-31D-54	14-20-H62-4946
43-013-32523	UTE TRIBAL 14-32-54	14-20-H62-4947

43-013-33093	UTE TRIBAL 14-33-54	14-20-H62-4949
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43-013-32355	UTE TRIBAL 14-36-55	14-20-H62-4944
43-013-33277	UTE TRIBAL 14Q-28-54	14-20-H62-4740
43-013-33479	UTE TRIBAL 14Q-30-54	14-20-H62-4662
43-013-33212	UTE TRIBAL 15-13D-55	14-20-H62-4845
43-013-32971	UTE TRIBAL 15-15-54	14-20-H62-4661
43-013-32855	UTE TRIBAL 15-15-55	14-20-H62-5017
43-013-31648	UTE TRIBAL 15-16	14-20-H62-3413
43-013-31649	UTE TRIBAL 15-17	14-20-H62-4731
43-013-32358	UTE TRIBAL 15-17-55	14-20-H62-5025
43-013-32148	UTE TRIBAL 15-18	14-20-H62-4919
43-013-31832	UTE TRIBAL 15-19	14-20-H62-3528
43-013-32386	UTE TRIBAL 15-20-54	14-20-H62-3529
43-013-33357	UTE TRIBAL 15-21-55	14-20-H62-3414
43-013-32617	UTE TRIBAL 15-22-55	14-20-H62-4754
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43-013-31671	UTE TRIBAL 15-23	14-20-H62-3443
43-013-31129	UTE TRIBAL 15-24R	14-20-H62-4749
43-013-32271	UTE TRIBAL 15-25-55	14-20-H62-3537
43-013-33768	UTE TRIBAL 15-26D-54	14-20-H62-4954
43-013-33362	UTE TRIBAL 15-26D-55	14-20-H62-3444
43-013-32339	UTE TRIBAL 15-27-55	14-20-H62-4753
43-013-32389	UTE TRIBAL 15-28-54	14-20-H62-4740
43-013-32561	UTE TRIBAL 15-29-54	14-20-H62-5036
43-013-32382	UTE TRIBAL 15-30-54	14-20-H62-4662
43-013-32743	UTE TRIBAL 15-31-54	14-20-H62-4946
43-013-32666	UTE TRIBAL 15-32-54	14-20-H62-4947
43-013-32768	UTE TRIBAL 15-33-54	14-20-H62-4948
43-013-32804	UTE TRIBAL 15-35-54	14-20-H62-5053
43-013-33954	UTE TRIBAL 15-35D-55	14-20-H62-4945
43-013-33049	UTE TRIBAL 15-36-55	14-20-H62-4944
43-013-33327	UTE TRIBAL 16-13D-55	14-20-H62-4845
43-013-32272	UTE TRIBAL 16-14-55	14-20-H62-5016
43-013-32588	UTE TRIBAL 16-15-54	14-20-H62-4661
43-013-32757	UTE TRIBAL 16-16-55	14-20-H62-5024
43-013-33132	UTE TRIBAL 16-17-54	14-20-H62-4731
43-013-31650	UTE TRIBAL 16-18	14-20-H62-4919
43-013-32691	UTE TRIBAL 16-19-54	14-20-H62-3528
43-013-32739	UTE TRIBAL 16-20-54	14-20-H62-3529
43-013-32381	UTE TRIBAL 16-21-54	14-20-H62-3414
43-013-32842	UTE TRIBAL 16-22-54	14-20-H62-3415
43-013-33267	UTE TRIBAL 16-22D-55	14-20-H62-4754
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43-013-32672	UTE TRIBAL 16-24-55	14-20-H62-3440
43-013-32759	UTE TRIBAL 16-25-55	14-20-H62-3537
43-013-34042	UTE TRIBAL 16-26-54	14-20-H62-4954
43-013-33965	UTE TRIBAL 16-26D-55	14-20-H62-3444

43-013-33786	UTE TRIBAL 16-27D-55	14-20-H62-4753
43-013-33041	UTE TRIBAL 16-28D-54	14-20-H62-4740
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43-013-32349	UTE TRIBAL 16-29-55	14-20-H62-5020
43-013-32665	UTE TRIBAL 16-3-54	14-20-H62-4778
43-013-32718	UTE TRIBAL 16-30-54	14-20-H62-4662
43-013-33326	UTE TRIBAL 16-31D-54	14-20-H62-4946
43-013-32926	UTE TRIBAL 16-32D-54	14-20-H62-4947
43-013-33091	UTE TRIBAL 16-33-54	14-20-H62-4948
43-013-32352	UTE TRIBAL 16-35-55	14-20-H62-4945
43-013-32356	UTE TRIBAL 16-36-55	14-20-H62-4944
43-013-33393	UTE TRIBAL 1A-29-54	14-20-H62-5036
43-013-33186	UTE TRIBAL 1I-36-55	14-20-H62-4944
43-013-33111	UTE TRIBAL 2-14-54	14-20-H962-5033
43-013-32140	UTE TRIBAL 2-19	14-20-H62-4919
43-013-32974	UTE TRIBAL 2-20-54	14-20-H62-3529
43-013-33117	UTE TRIBAL 2-21-55	14-20-H62-4825
43-013-32591	UTE TRIBAL 2-22-54	14-20-H62-3415
43-013-32604	UTE TRIBAL 2-22-55	14-20-H62-4754
43-013-33045	UTE TRIBAL 2-23-55	14-20-H62-3443
43-013-32569	UTE TRIBAL 2-24-54	14-20-H62-4716
43-013-31833	UTE TRIBAL 2-25	14-20-H62-3537
43-013-32868	UTE TRIBAL 2-26-54	14-20-H62-4954
43-013-33979	UTE TRIBAL 2-26D-55	14-20-H62-3444
43-013-32179	UTE TRIBAL 2-27	14-20-H62-3375
43-013-33628	UTE TRIBAL 2-27D-55	14-20-H62-4753
43-013-32763	UTE TRIBAL 2-28-54	14-20-H62-4740
43-013-33714	UTE TRIBAL 2-29D-55	14-20-H62-5036
43-013-32680	UTE TRIBAL 2-30-55	14-20-H62-5059
43-013-32894	UTE TRIBAL 2-30D-54	14-20-H62-4662
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43-013-32935	UTE TRIBAL 2-31-55	14-20-H62-5060
43-013-32803	UTE TRIBAL 2-32-54	14-20-H62-4947
43-013-32350	UTE TRIBAL 2-32-55	14-20-H62-5026
43-013-32898	UTE TRIBAL 2-33D-54	14-20-H62-4948
43-013-32187	UTE TRIBAL 2-35	14-20-H62-4945
43-013-32422	UTE TRIBAL 2-36-55	14-20-H62-4944
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43-013-50478	UTE TRIBAL 3-14-55	14-20-H62-5016
43-013-50389	UTE TRIBAL 3-14D-54	14-20-H62-5033
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43-013-32758	UTE TRIBAL 3-21-55	14-20-H62-4825
43-013-33208	UTE TRIBAL 3-22-54	14-20-H62-3415
43-013-32605	UTE TRIBAL 3-22-55	14-20-H62-4754
43-013-32536	UTE TRIBAL 3-23-55	14-20-H62-3443
43-013-30960	UTE TRIBAL 3-24R-55 (REENTRY)	14-20-H62-4749
43-013-31834	UTE TRIBAL 3-25	14-20-H62-3537

43-013-32993	UTE TRIBAL 3-25-56	14-20-H62-5065
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43-013-33185	UTE TRIBAL 3G-31-54	14-20-H62-4946
43-013-33270	UTE TRIBAL 4-14D-54	14-20-H62-5033
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43-013-31550	UTE TRIBAL 4-30	14-20-H62-4662
43-013-32767	UTE TRIBAL 4-31-54	14-20-H62-4946
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43-013-33379	UTE TRIBAL 4-32-55	14-20-H62-5026
43-013-32871	UTE TRIBAL 4-33-54	14-20-H62-4948
43-013-32357	UTE TRIBAL 4-33-55	14-20-H62-5027
43-013-32188	UTE TRIBAL 4-36	14-20-H62-4944
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43-013-33706	UTE TRIBAL 5-21D-55	14-20-H62-4825
43-013-32624	UTE TRIBAL 5-22-54	14-20-H62-3415

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43-013-33421	UTE TRIBAL 5-25D-55	14-20-H62-3537
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43-013-32264	UTE TRIBAL 5-26-55	14-20-H62-3444
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43-013-32190	UTE TRIBAL 5-31	14-20-H62-4946
43-013-32539	UTE TRIBAL 5-32-54	14-20-H62-4947
43-013-32521	UTE TRIBAL 5-33-54	14-20-H62-4948
43-013-32805	UTE TRIBAL 5-35-54	14-20-H62-5053
43-013-32930	UTE TRIBAL 5-36-55	14-20-H62-4944
43-013-32586	UTE TRIBAL 6-14-54	14-20-H62-5033
43-013-50246	UTE TRIBAL 6-14D-55	14-20-H62-5016
43-013-32865	UTE TRIBAL 6-19-54	14-20-H62-3528
43-013-32622	UTE TRIBAL 6-20-54	14-20-H62-4919
43-013-32164	UTE TRIBAL 6-21	14-20-H62-3414
43-013-32163	UTE TRIBAL 6-22	14-20-H62-3415
43-013-33213	UTE TRIBAL 6-22D-55	14-20-H62-4728
43-013-33187	UTE TRIBAL 6-23D-55	14-20-H62-3443
43-013-32570	UTE TRIBAL 6-24-54	14-20-H62-4716
43-013-32143	UTE TRIBAL 6-25H	14-20-H62-3537
43-013-33625	UTE TRIBAL 6-26D-54	14-20-H62-4954
43-013-33476	UTE TRIBAL 6-26D-55	14-20-H62-3444
43-013-32892	UTE TRIBAL 6-28D-54	14-20-H62-4740
43-013-33172	UTE TRIBAL 6-29-54	14-20-H62-5036
43-013-33120	UTE TRIBAL 6-29-55	14-20-H62-5020
43-013-32783	UTE TRIBAL 6-30-55	14-20-H62-5059
43-013-33325	UTE TRIBAL 6-31D-54	14-20-H62-4946
43-013-32420	UTE TRIBAL 6-32-55	14-20-H62-5026
43-013-32897	UTE TRIBAL 6-32D-54	14-20-H62-4947
43-013-32872	UTE TRIBAL 6-33-54	14-20-H62-4948
43-013-34028	UTE TRIBAL 6-35D-55	14-20-H62-4945
43-013-32265	UTE TRIBAL 6-36-55	14-20-H62-4944
43-013-50409	UTE TRIBAL 7-14-54	14-20-H62-5033
43-013-33269	UTE TRIBAL 7-14-55	14-20-H62-5016
43-013-32976	UTE TRIBAL 7-15-55	14-20-H62-5017
43-013-33130	UTE TRIBAL 7-16-54	14-20-H62-3413
43-013-32863	UTE TRIBAL 7-19-55	14-20-H62-5058
43-013-32346	UTE TRIBAL 7-20-55	14-20-H62-5018
43-013-31281	UTE TRIBAL 7-20R-54	14-20-H62-3529
43-013-32623	UTE TRIBAL 7-21-54	14-20-H62-3414
43-013-32761	UTE TRIBAL 7-22-54	14-20-H62-3415
43-013-33721	UTE TRIBAL 7-22D-55	14-20-H62-4754
43-013-32514	UTE TRIBAL 7-23-55	14-20-H62-3443
43-013-32991	UTE TRIBAL 7-24-56	14-20-H62-5064

43-013-32991	UTE TRIBAL 7-25-56	14-20-H62-5065
43-013-33621	UTE TRIBAL 7-26D-54	14-20-H62-4954
43-013-33477	UTE TRIBAL 7-26D-55	14-20-H62-3444
43-013-32418	UTE TRIBAL 7-27-55	14-20-H62-4753
43-013-32166	UTE TRIBAL 7-28	14-20-H62-4740
43-013-33788	UTE TRIBAL 7-28D-55	14-20-H62-5019
43-013-32562	UTE TRIBAL 7-29-54	14-20-H62-5036
43-013-33715	UTE TRIBAL 7-29D-55	14-20-H62-5020
43-013-32167	UTE TRIBAL 7-30	14-20-H62-4662
43-013-32528	UTE TRIBAL 7-31-54	14-20-H62-4946
43-013-32411	UTE TRIBAL 7-32-54	14-20-H62-4947
43-013-32413	UTE TRIBAL 7-33-54	14-20-H62-4948
43-013-50510	UTE TRIBAL 7-34-55	14-20-H62-5028
43-013-32774	UTE TRIBAL 7-35-54	14-20-H62-5053
43-013-33048	UTE TRIBAL 7-35-55	14-20-H62-4945
43-013-32929	UTE TRIBAL 7-36-55	14-20-H62-4944
43-013-50852	UTE TRIBAL 7I-21-54	14-20-H62-3414
43-013-50488	UTE TRIBAL 8-10D-54	14-20-H62-5517
43-013-33204	UTE TRIBAL 8-14-54	14-20-H62-5033
43-013-50477	UTE TRIBAL 8-15D-55	14-20-H62-5017
43-013-32840	UTE TRIBAL 8-19-54	14-20-H62-3528
43-013-32864	UTE TRIBAL 8-19-55	14-20-H62-5058
43-013-32973	UTE TRIBAL 8-20-54	14-20-H62-3529
43-013-50435	UTE TRIBAL 8-21D-55	14-20-H62-4825
43-013-32590	UTE TRIBAL 8-22-54	14-20-H62-3415
43-013-33552	UTE TRIBAL 8-23D-55	14-20-H62-3443
43-013-33420	UTE TRIBAL 8-24-55	14-20-H62-4716
43-013-32780	UTE TRIBAL 8-25-54	14-20-H62-3440
43-013-32620	UTE TRIBAL 8-25-55	14-20-H62-3537
43-013-33682	UTE TRIBAL 8-26D-54	14-20-H62-4954
43-013-33859	UTE TRIBAL 8-26D-55	14-20-H62-3444
43-013-34058	UTE TRIBAL 8-27D-55	14-20-H62-4753
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	