

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 7-30-46 DLB					
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT ALTAMONT					
4. TYPE OF WELL Oil Well <input type="checkbox"/> Coalbed Methane Well: NO <input type="checkbox"/>						5. UNIT or COMMUNITIZATION AGREEMENT NAME					
6. NAME OF OPERATOR BILL BARRETT CORP						7. OPERATOR PHONE 303 312-8164					
8. ADDRESS OF OPERATOR 1099 18th Street Ste 2300, Denver, CO, 80202						9. OPERATOR E-MAIL BHilgers@billbarrettcorp.com					
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) Fee			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>					
13. NAME OF SURFACE OWNER (if box 12 = 'fee')						14. SURFACE OWNER PHONE (if box 12 = 'fee')					
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')					
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') Uintah and Ouray			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>					
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN			
LOCATION AT SURFACE		1298 FNL 1860 FEL		NWNE	30	4.0 S	6.0 W	U			
Top of Uppermost Producing Zone		1298 FNL 1860 FEL		NWNE	30	4.0 S	6.0 W	U			
At Total Depth		1298 FNL 1860 FEL		NWNE	30	4.0 S	6.0 W	U			
21. COUNTY DUCHESNE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 1298			23. NUMBER OF ACRES IN DRILLING UNIT 640					
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 3000			26. PROPOSED DEPTH MD: 8348 TVD: 8348					
27. ELEVATION - GROUND LEVEL 7281			28. BOND NUMBER LPM4138148			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-180					
Hole, Casing, and Cement Information											
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement		Sacks	Yield	Weight
Cond	26	16	0 - 80	65.0	Unknown	8.8	No Used		0	0.0	0.0
Surf	12.25	9.625	0 - 850	36.0	J-55 ST&C	8.8	Halliburton Light , Type Unknown		80	3.16	11.0
							Halliburton Premium , Type Unknown		210	1.36	14.8
Prod	8.75	9.625	0 - 8348	17.0	P-110 LT&C	9.6	Unknown		700	2.31	11.0
							Unknown		1020	1.42	13.5
ATTACHMENTS											
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES											
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN						
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER						
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP						
NAME Venessa Langmacher			TITLE Senior Permit Analyst			PHONE 303 312-8172					
SIGNATURE			DATE 09/04/2012			EMAIL vlangmacher@billbarrettcorp.com					
API NUMBER ASSIGNED 43013517030000			APPROVAL			 Permit Manager					

BILL BARRETT CORPORATION
DRILLING PLAN

7-30-46 DLB

NW NE, 1298' FNL and 1860' FEL, Section 30, T4S-R6W, USB&M
Duchesne County, Utah

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

<u>Formation</u>	<u>Depth</u>
TGR3	Surface
Douglas Creek	4,274'
Black Shale	5,063'
Castle Peak	5,336'
*Wasatch	5,895'
*North Horn	7,932'
TD	8,348'

*PROSPECTIVE PAY

The Wasatch and the Lower Green River are primary objectives for oil/gas.

3. BOP and Pressure Containment Data

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 850'	No pressure control required
850' – TD	11" 5000# Ram Type BOP 11" 5000# Annular BOP
- Drilling spool to accommodate choke and kill lines;	
- Ancillary equipment and choke manifold rated at 5,000 psi. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2;	
- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests.	
- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up To operate most efficiently in this manner.	

4. Casing Program

<u>Hole Size</u>	<u>SETTING DEPTH</u>		<u>Casing Size</u>	<u>Casing Weight</u>	<u>Casing Grade</u>	<u>Thread</u>	<u>Condition</u>
	<u>(FROM)</u>	<u>(TO)</u>					
26"	Surface	80'	16"	65#			
12 1/4"	Surface	850'	9 5/8"	36#	J or K 55	ST&C	New
8 3/4"	Surface	TD	5 1/2"	17#	P-110	LT&C	New

Bill Barrett Corporation
 Drilling Program
 7-30-46 DLB
 Duchesne County, Utah

5. Cementing Program

16" Conductor Casing	Grout
9 5/8" Surface Casing	Lead: 80 sx Halliburton Light Premium with additives mixed at 11.0 ppg (yield = 3.16 ft ³ /sx) circulated to surface with 75% excess. TOC @ Surface Tail: 210 sx Halliburton Premium Plus cement with additives mixed at 14.8 ppg (yield = 1.36 ft ³ /sx), calculated hole volume with 75% excess. TOC @ 350'
5 1/2" Production Casing	Lead: 700 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft ³ /sx). TOC @ 350' Tail: 1020 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft ³ /sx). Top of cement to be determined by log and sample evaluation; estimated TOC @ 4,563'

6. Mud Program

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u> <u>(API filtrate)</u>	<u>Remarks</u>
0' – 80'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
80' – 850'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
850' – TD	8.6 – 9.6	42-52	20 cc or less	DAP Polymer Fluid System
Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.				

7. Testing, Logging and Core Programs

Cores	None anticipated;
Testing	None anticipated; drill stem tests may be run on shows of interest;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	MWD as needed to land wellbore;
Logging	DIL-GR-SP, FDC-CNL-GR-CALIPER-Pe-Microlog, Sonic-GR (all TD to surface). FMI & Sonic Scanner to be run at geologist's discretion.

8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 4167 psi* and maximum anticipated surface pressure equals approximately 2330 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 – (0.22 x TD)

Bill Barrett Corporation
Drilling Program
7-30-46 DLB
Duchesne County, Utah

9. Auxiliary Equipment

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use
Mud monitoring will be visually observed

10. Location and Type of Water Supply

Water for the drilling and completion will be trucked from the Duchesne City Culinary Water Dock located in Sec. 1, T4S, R5W water right number 43-180.

11. Drilling Schedule

Location Construction:	January 2013
Spud:	January 2013
Duration:	15 days drilling time 45 days completion time



Bill Barrett Corporation

LAKE CANYON & BLACK TAIL RIDGE CEMENT VOLUMES

Well Name: [7-30-46 DLB](#)

Surface Hole Data:

Total Depth:	850'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

Calculated Data:

Lead Volume:	191.8	ft ³
Lead Fill:	350'	
Tail Volume:	274.0	ft ³
Tail Fill:	500'	

Cement Data:

Lead Yield:	3.16	ft ³ /sk
% Excess:	75%	
Top of Lead:	0'	

Calculated # of Sacks:

# SK's Lead:	80
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Tail Yield:	1.36	ft ³ /sk
% Excess:	75%	
Top of Tail:	350'	

# SK's Tail:	210
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Production Hole Data:

Total Depth:	8,348'
Top of Cement:	350'
Top of Tail:	4,563'
OD of Hole:	8.750"
OD of Casing:	5.500"

Calculated Data:

Lead Volume:	1596.3	ft ³
Lead Fill:	4,213'	
Tail Volume:	1434.2	ft ³
Tail Fill:	3,785'	

Cement Data:

Lead Yield:	2.31	ft ³ /sk
Tail Yield:	1.42	ft ³ /sk
% Excess:	50%	

Calculated # of Sacks:

# SK's Lead:	700
# SK's Tail:	1020

7-30-46 DLB Proposed Cementing Program

<u>Job Recommendation</u>	<u>Surface Casing</u>
Lead Cement - (350' - 0')	
Halliburton Light Premium	Fluid Weight: 11.0 lbm/gal
5.0 lbm/sk Silicalite Compacted	Slurry Yield: 3.16 ft ³ /sk
0.25 lbm/sk Kwik Seal	Total Mixing Fluid: 19.48 Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid: 0'
2.0% Bentonite	Calculated Fill: 350'
	Volume: 34.16 bbl
	Proposed Sacks: 80 sks
Tail Cement - (TD - 350')	
Premium Cement	Fluid Weight: 14.8 lbm/gal
2.0% Calcium Chloride	Slurry Yield: 1.36 ft ³ /sk
	Total Mixing Fluid: 6.37 Gal/sk
	Top of Fluid: 350'
	Calculated Fill: 500'
	Volume: 48.80 bbl
	Proposed Sacks: 210 sks

<u>Job Recommendation</u>	<u>Production Casing</u>
Lead Cement - (4563' - 350')	
Tuned Light™ System	Fluid Weight: 11.0 lbm/gal
	Slurry Yield: 2.31 ft ³ /sk
	Total Mixing Fluid: 10.65 Gal/sk
	Top of Fluid: 350'
	Calculated Fill: 4,213'
	Volume: 284.29 bbl
	Proposed Sacks: 700 sks
Tail Cement - (8348' - 4563')	
Econocem™ System	Fluid Weight: 13.5 lbm/gal
0.125 lbm/sk Poly-E-Flake	Slurry Yield: 1.42 ft ³ /sk
1.0 lbm/sk Granulite TR 1/4	Total Mixing Fluid: 6.61 Gal/sk
	Top of Fluid: 4,563'
	Calculated Fill: 3,785'
	Volume: 255.43 bbl
	Proposed Sacks: 1020 sks

BILL BARRETT CORPORATION

Well location, #7-30-46 DLB, located as shown in the NW 1/4 NE 1/4 of Section 30, T4S, R6W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

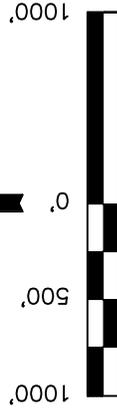
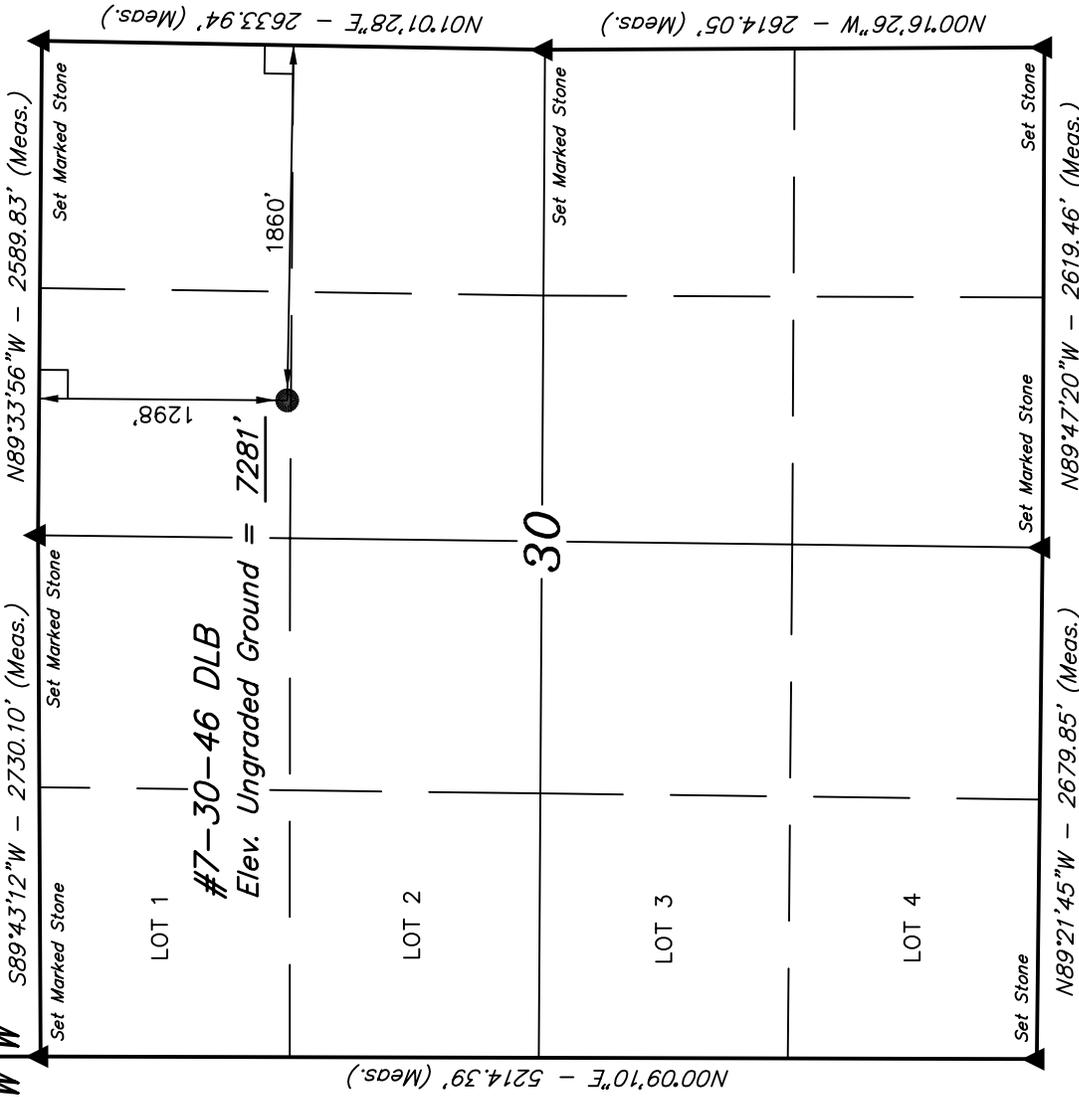
BENCH MARK (M67) LOCATED IN THE SW 1/4 OF SECTION 9, T5S, R4W, U.S.B.&M., TAKEN FROM THE DUCHESNE SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED ON CAP AS BEING 6097 FEET.

BASIS OF BEARINGS

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

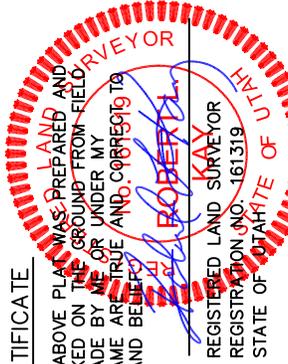
T4S, R6W, U.S.B.&M.

R7W



S C A L E

C E R T I F I C A T E



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED AND LOCATION AS SHOWN WAS STAKED ON THE GROUND 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 BELIEFS.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING

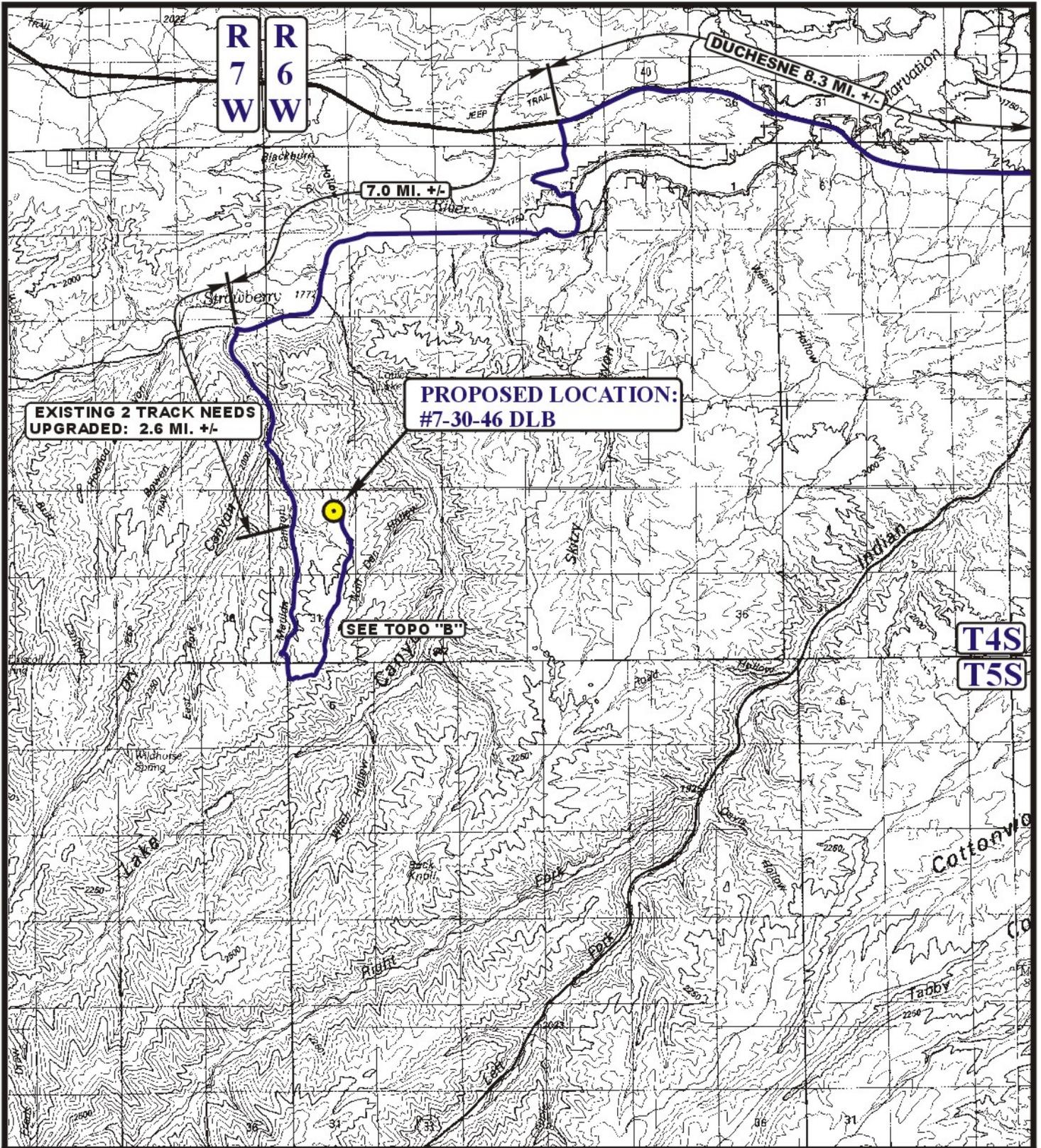
85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 06-17-08	DATE DRAWN: 06-27-08
PARTY S.H. T.P. C.C.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE BILL BARRETT CORPORATION	

LEGEND:
 — = 90° SYMBOL
 ● = PROPOSED WELL HEAD.
 ▲ = SECTION CORNERS LOCATED.

(NAD 83)
 LATITUDE = 40°06'27.78" (40.107717)
 LONGITUDE = 110°36'09.06" (110.602517)
 (NAD 27)
 LATITUDE = 40°06'27.93" (40.107758)
 LONGITUDE = 110°36'06.50" (110.601806)



LEGEND:

PROPOSED LOCATION



BILL BARRETT CORPORATION

#7-30-46 DLB
SECTION 30, T4S, R6W, U.S.B.&M.
1298' FNL 1860' FEL



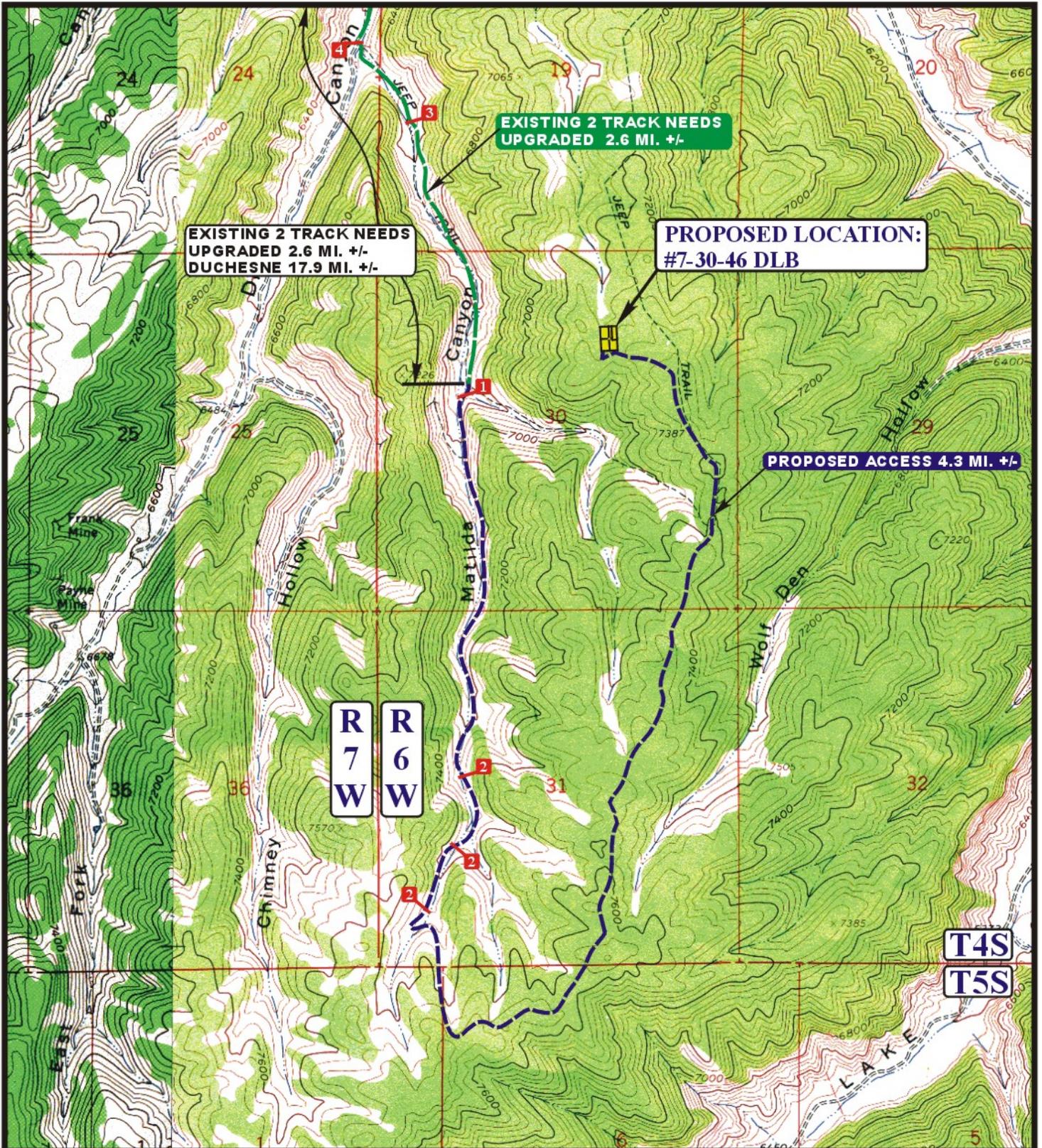
Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

07 02 08
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: J.C. REVISED: 00-00-00





**EXISTING 2 TRACK NEEDS
UPGRADED 2.6 MI. +/-
DUCHESE 17.9 MI. +/-**

**EXISTING 2 TRACK NEEDS
UPGRADED 2.6 MI. +/-**

**PROPOSED LOCATION:
#7-30-46 DLB**

PROPOSED ACCESS 4.3 MI. +/-

**R
7
W**

**R
6
W**

T4S

T5S

LEGEND:

-  EXISTING ACCESS ROAD
-  PROPOSED ACCESS ROAD
-  EXISTING 2 TRACK
-  18" CMP REQUIRED
-  24" CMP REQUIRED
-  LOW WATER CROSSING REQUIRED
-  48" CMP REQUIRED

BILL BARRETT CORPORATION

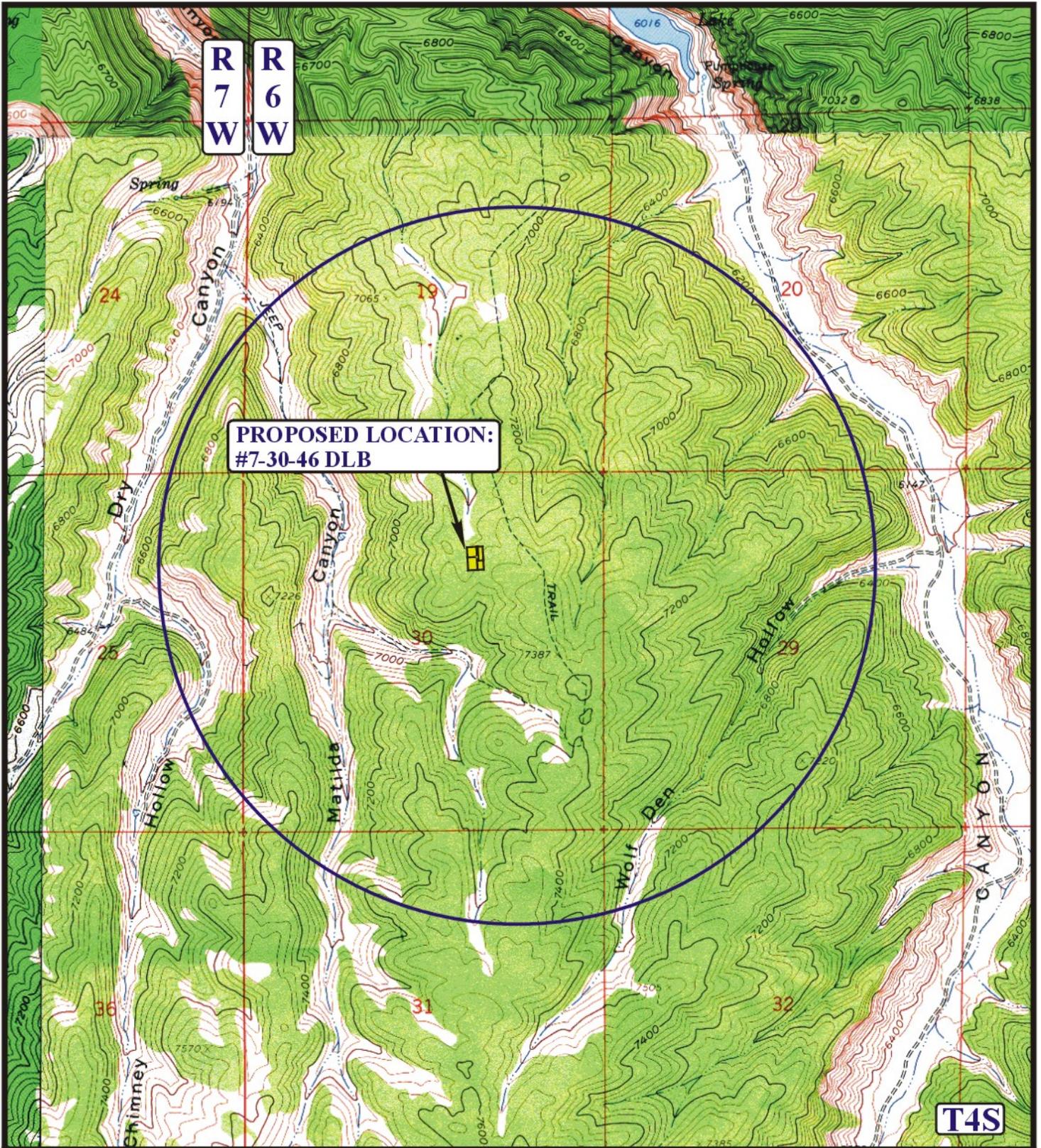
#7-30-46 DLB
SECTION 30, T4S, R6W, U.S.B.&M.
1298' FNL 1860' FEL

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



TOPOGRAPHIC **07 02 08**
MAP MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: J.C. REV: 08-01-08 Z.L.

B
TOPO



LEGEND:

- | | |
|-------------------|-------------------------|
| ⊗ DISPOSAL WELLS | ⊗ WATER WELLS |
| ● PRODUCING WELLS | ● ABANDONED WELLS |
| ● SHUT IN WELLS | ● TEMPORARILY ABANDONED |

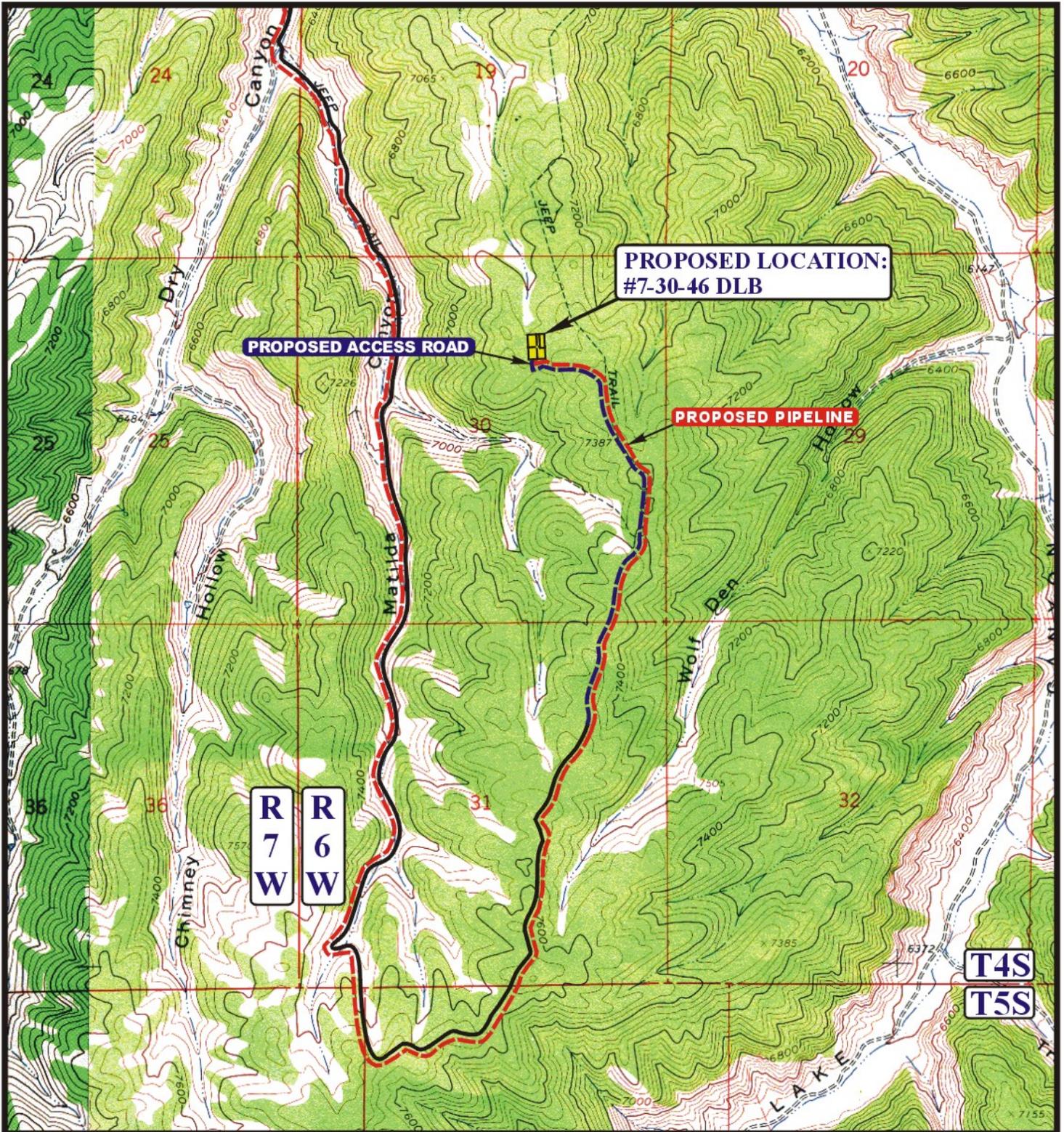
BILL BARRETT CORPORATION

#7-30-46 DLB
SECTION 30, T4S, R6W, U.S.B.&M.
1298' FNL 1860' FEL

U&L S Utah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
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TOPOGRAPHIC 07 02 08
MAP MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: J.C. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 49' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- PROPOSED PIPELINE



BILL BARRETT CORPORATION

#7-30-46 DLB
SECTION 30, T4S, R6W, U.S.B.&M.
1298' FNL 1860' FEL



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

TOPOGRAPHIC
MAP

07 02 08
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: J.C. REVISED: 00-00-00



GRANT OF EASEMENT FOR RIGHT-OF-WAY

ROW Serial No. H62-2010-064

TAAMS ID NO.: 6RW2010064

BIA TRANSACTION NO.: 687-13-00064-10

Well Site and Access Road – **7-30-46 DLB**

Page 1 of 2

KNOW ALL MEN BY THESE PRESENTS:

That the **UNITED STATES OF AMERICA**, as trustee for UTE INDIAN TRIBE acting by and through the **Superintendent of the Uintah and Ouray Agency**, as “Grantor”, under authority contained in 209 DM 8 (39 F.R. 32166), 10 BIAM 3 (34 F.R.637) 230 DM 3 (20 F.R. 992) and Sec. 2.11 (34 F.R. 11109), pursuant and subject to the provisions of the Act of February 5, 1948 Stat. 17, (U.S.C. 323-328), and Part 169, Title 25, Code of Federal Regulations in consideration of:

Zero, (\$0.00) – As per the terms and conditions pursuant to the Surface Use and Access Agreement between the Ute Indian Tribe and Bill Barrett Corporation, Dated effective November 1, 2004, and approved by Tribal Resolution 04-246, which is acknowledged, does hereby grant to:

Bill Barrett Corporation, 1099 18th Street, Suite 2300, Denver, Colorado 80202

Its successors and assignees hereinafter referred to as “Grantee” an easement for right-of-way.

In accordance with the attached proposal survey plat: **For the 7-30-46 DLB G.L.O. Plat No. 23083-A, Dated 07-15-2008; and G.L.O. Plat No. 23083-B, Dated 07-15-2008, for Sections 13 & 24, Township 4 South, Range 7 West; and Sections 19, 30 & 31, Township 4 South, Range 6 West, U.S.B.&M. for the following:**

Well Site: Located in the W/2NE/4 of Section 30, being 2.696 acres, m/l,
Access Road: Located in the W/2NE/4, N/2SE/4, SE/4SE/4 of Section 13; E/2NE/4, NE/4SE/4 of Section 24, T4S, R7W; and the NW/4NW/4, W/2SW/4 of Section 19; W/2NW/4, N/2SW/4, SE/4SW/4, E/2SE/4, S/2NE/4 of Section 30; NW/4, N/2SW/4, SW/4SW/4, W/2SE/4, SW/4NE/4, E/2NE/4 of Section 31, T4S, R6W, being 34,103.25’ in length, and 30’ in width, and 23.487 acres, m/l,
Total ROW acreage 26.183, m/l

Within the exterior boundaries of the Uintah & Ouray Reservation for the following purposes namely: The construction, maintenance, repair, inspection, protection, operation and removal of the **7-30-46 DLB** together with the necessary appurtenances thereto, on, over and across the land embraced within the right-of-way located in Duchesne County, Utah.

TO HAVE AND TO HOLD said easement and right-of-way unto the Grantee and unto its successors and assigns, together with prior existing right or adverse claim and is for the length of **TWENTY (20) YEARS**, beginning **January 21, 2010**, so long as easement shall actually be used for the purposes above specified. Consideration may be increased at five (5) year intervals if necessary to reflect the existing market prices.

This right-of-way shall be terminable in whole or in part by the grantor for any of the following causes upon 30 days’ written notice and failure to the Grantee within said notice period to correct the basis of termination (25 CFR 169.20)

- A. Failure to comply with any term or condition of the grant or applicable regulations.
- B. A nonuse of the right-of-way for a consecutive two-year period for the purpose for which it was granted.
- C. An abandonment of the right-of-way. Failure of the Grantee to file with the Grantor an Affidavit of Completion pursuant to 25 CFR 169.16; Upon completion of construction, or in any case within two years of date of this easement granted in the case construction does not begin or is completed.

ROW Serial No. H62-2010-064
TAAMS ID NO.: **6RW2010064**
BIA TRANSACTION NO.: **687-13-00064-10**
Well Site and Access Road – **7-30-46 DLB**
Page 2 of 2

The conditions of this easement shall extend to and be binding upon and shall insure to the benefit of the successors and assignees of the Grantee. It has been determined that approval of this document is not such a major federal action significantly affecting the quality of the human environment as to required the preparation of an environmental impact statement under Section 102 (2)(c) of the National Environmental Policy Act of 1969 (42 U.S.C. 4332) (2) (c).

IN WITNESS WHEREOF, Grantor has executed this Grant of Easement for Right-of-Way this **21st** day of **January, 2010**, pursuant to authority delegated to the Assistant Secretary – Indian Affairs by 209 DM 8, 230 DM 1, and to the Western Regional Director by 3 IAM 4 (Release No. 99-03), and to the Superintendent/Field Representatives by 10 BIAM 11, as amended by Western Regional Release No. 97-1 an any further delegation needed to effectuate the reorganization embodied in DM Releases dated April, 2003.

UNITED STATES OF AMERICA
U.S. Department of the Interior
Uintah & Ouray Agency
Fort Duchesne, UT 84026

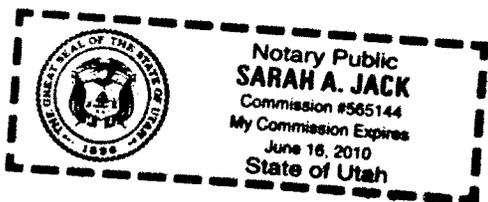
By: 
Superintendent

ACKNOWLEDGEMENT OF SUPERINTENDENT

STATE OF UTAH)
)ss
COUNTY OF UINTAH)

The foregoing instrument was acknowledged before me this **21st** day of **January, 2010**, by **Daniel C. Picard**, Superintendent for the Bureau of Indian Affairs, Uintah & Ouray Agency.

Witness my hand and official seal.




Sarah A. Jack, Notary Public

Site-Specific Environmental Assessment and Onsite Inspection Report

#7-30-46 DLB well site and access corridor

Prepared by:
**Bureau of Indian Affairs
Uintah & Ouray Agency
Branch of Real Estate Services**

For: Ute Indian Tribe Energy & Minerals Dept. Fort Duchesne, Utah	Bill Barrett Corporation Land Office Denver, Colorado
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Inspection Date: July 22, 2008

Base/Programmatic Environmental Document: Lake Canyon EA

1.0 – PROPOSED ACTION

A. SITE DESCRIPTION

				Legal Description:
<input checked="" type="checkbox"/> Well Site:			2.696 acres	W/2 NE/4, Section 13, T4S, R6W;
<input checked="" type="checkbox"/> Access Road:	Length: 34,103.25	Width: 30'	23.487 acres	W/2 NE/4, N/2 SE/4, SE/4 SE/4, Section 13, E/2 NE/4, NE/4 SE/4, Section 24, T4S, R7W; NW/4 NW/4, S/2 SW/4, Section 19, W/2 NW/4, N/2 SW/4, SE/4 SW/4, S/2 NE/4, E/2 SE/4, Section 30, NW/4, N/2 SW/4, SW/4 SW/4, E/2 NE/4, SW/4 NE/4, W/2 SE/4, Section 31, T4S, R6W,
<input type="checkbox"/> Pipeline:	Length:	Width:	acres	
<input type="checkbox"/> Other:	Length:	Width:	acres	
Total Acres:			26.183 acres	

1. Elevation: 7,121' 2. Annual Precipitation: 6"-8"
 3. Topography: Mountain edge Soils: sand/gravel
 5. Est. Infiltration Rng: Low; Moderate; High

Notes: Access Road occupies the Matilda Road that has been proposed by Berry Petroleum

2.0 – ALTERNATIVE ACTIONS

A. ALTERNATIVE ACTION: Since the beginning of the right-of-way permitting process there has been constant observation and monitoring by the Ute Indian Tribe's Energy and Minerals Department's Oil and Gas Technicians. The Technicians have assisted and have provided input in all surveying and planning, including, but not limited to: archaeological, paleontological, biological, and engineering. All ALTERNATIVE ACTIONS have

been considered by the Ute Indian Tribe previous to this onsite inspection and deemed unusable.

Notes: _____

B. NO ACTION ALTERNATIVE: Under the NO ACTION alternative, the proposed action would not be implemented.

C. OTHER: _____

3.0 – SITE SPECIFIC SURVEY

A. VEGETATION

1. Habitat Type:

Panion Juniper (W&D), Desert Shrub (Ave)

2. % Ground Cover:

3. Vegetation Consists of: ~~20-30~~ % Grasses; 20 % Shrubs; ~~5~~ % Forbs; 60 % Trees

Grasses consist of:	<input checked="" type="checkbox"/> Needle & Thread	<input checked="" type="checkbox"/> Indian Rice Grass	<input checked="" type="checkbox"/> Cheat Grass	<input type="checkbox"/> Galetta
	<input checked="" type="checkbox"/> Squirrel Tail	<input type="checkbox"/> Blue Grama	<input checked="" type="checkbox"/> Bluebench Wheat	<input type="checkbox"/> Poa spp.
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shrubs consist of:	<input checked="" type="checkbox"/> Prickly Pear	<input type="checkbox"/> Hopsage	<input type="checkbox"/> Bud Sage	<input type="checkbox"/> Ephedra
	<input type="checkbox"/> Spiny Horse Brush	<input checked="" type="checkbox"/> Grease Wood	<input type="checkbox"/> Rabbit Brush	<input checked="" type="checkbox"/> Shadscale
	<input type="checkbox"/> Wild Buckwheat	<input checked="" type="checkbox"/> Black Sage	<input type="checkbox"/> Snake Weed	<input type="checkbox"/> Wild Rose
	<input checked="" type="checkbox"/> Wyoming Big Sage	<input type="checkbox"/> Sand Sage	<input checked="" type="checkbox"/> Fourwing Salt Brush	<input type="checkbox"/> Mt. Mohagony
	<input checked="" type="checkbox"/> <i>Gardner Salt brush</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> None
Forbs consist of:	<input checked="" type="checkbox"/> Annuals	<input type="checkbox"/> Gilia	<input type="checkbox"/> Aster	<input type="checkbox"/> Larkspur
	<input type="checkbox"/> Mustard	<input type="checkbox"/> Penstamon	<input type="checkbox"/> Scarlet Gilia	<input type="checkbox"/> Other Vetch spp.
	<input type="checkbox"/> Lamb Quarters	<input checked="" type="checkbox"/> Scarlet Globmallow	<input type="checkbox"/> Indian Paintbrush	<input type="checkbox"/> Senecio spp.
	<input checked="" type="checkbox"/> Primrose	<input type="checkbox"/> Blue Flax	<input type="checkbox"/> Phlox	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> None

Trees consist of:	<input checked="" type="checkbox"/> Utah Juniper	<input checked="" type="checkbox"/> Pinion Pine	<input type="checkbox"/> Utah Juniper	<input type="checkbox"/> Cottonwood
	<input checked="" type="checkbox"/> Douglas Fir	<input type="checkbox"/> Subalpine Fir	<input type="checkbox"/> Ponderosa Pine	<input type="checkbox"/> Russian Olive
	<input type="checkbox"/> Limber Pine	<input type="checkbox"/> Tamarisk	<input type="checkbox"/> CO Blue	<input type="checkbox"/> Upland Pinion Juniper
	<input type="checkbox"/> Bristlecone Pine	<input type="checkbox"/> Willow	<input type="checkbox"/> Alpine	<input checked="" type="checkbox"/> None

mt. McKinstry

4. Observed T & E Species: None

5. Potential for T & E Species: Minimal

6. Observed Noxious Weeds: AR - Cheat grass, Russian thistle, Canadian thistle

B. AFFECTED ENVIRONMENT

There are no surface damages as a result of the initial survey.

C. WILDLIFE

1. Observed/Potential habitat for the following:

Big Game:	<input checked="" type="checkbox"/> Elk	<input checked="" type="checkbox"/> Mule Deer	<input type="checkbox"/> Antelope	<input type="checkbox"/> Other:
Small Game:	<input checked="" type="checkbox"/> Cotton Tail Rabbit	<input checked="" type="checkbox"/> Dove	<input checked="" type="checkbox"/> Quail	<input type="checkbox"/> Other:
Raptor:	<input checked="" type="checkbox"/> Golden Eagles	<input checked="" type="checkbox"/> Redtail Hawk	<input type="checkbox"/> Kestrel	<input type="checkbox"/> Other:
Non-Game Wildlife:	<input checked="" type="checkbox"/> Cattle	<input checked="" type="checkbox"/> Coyote	<input checked="" type="checkbox"/> Fox	<input checked="" type="checkbox"/> Song Birds
	<input checked="" type="checkbox"/> Black Tailed Jack Rabbit	<input checked="" type="checkbox"/> Prairie Dog	<input type="checkbox"/>	<input type="checkbox"/>

1. Observed T&E Species: None

2. Potential T&E Species: Minimal

3. Observed Raptor/Migratory Birds: None

4. Potential Raptor/Migratory Birds: AR - Moderate; WS - minimal

Notes: Access road is mainly desert shrub and travels through canyons/drainages; well site is located on the mt. ridge and is predominantly Pinion Juniper

D. PRESENT SITE USE

1. Rangeland/Woodland:	<u>WS</u>	2. Irrigable:	<input checked="" type="checkbox"/>
3. Non-Irrigable:	<u>WS</u>	4. Commercial Timber:	<input checked="" type="checkbox"/>
5. Floodplain:		6. Wetland:	
7. Riparian:	WS	8. Other:	

E. CULTURAL RESOURCES

1. Cultural Resource surveys were performed by: Montgomery (08-160), on June 25, 2008

Recommendations: None

2. T&E Resource surveys were performed by: EIS Environ. Consultants, on June 17 & 19, 2008

Recommendations: _____

3. The consultant recommends clearance of the project as it is presently staked, and approved by the BIA and Ute Tribe:

KM

Cultural Consultant
Paleo Consultant

gc

UT Technician

[Signature]

BIA Rep

***All personnel should refrain from the collecting of artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.

4.0 – ENVIRONMENTAL IMPACTS

A. SURFACE ALTERATIONS

1. Well Site:	2.696 acres
2. Access Road:	23.487 acres
3. Pipeline:	acres
4. Powerline	acres
TOTAL ACRES:	26.183 acres

B. IMPACT TO VEGETATION/LANDSCAPE

1. Vegetation fragmentation, increase of brush/invasive weeds; visibility for miles to the west.

C. IMPACT TO T&E SPECIES

1. Minimal

D. IMPACTS TO WILDLIFE

1. loss of cover and forage habitat, fragmentation (big game wintering)

E. IMPACTS TO SOIL, RANGE, WATERSHED

1. *decreased sedimentation on access road, and increased erosion throughout the entire proposed action.*

Notes: _____

5.0 – MITIGATION STIPULATIONS

A. VEGETATION/LANDSCAPE

1. Before the site is abandoned the company will be required to restore the right-of-way to near its original state. The disturbed area will be reseeded with desirable perennial vegetation. If necessary, the Bureau of Indian Affairs or Bureau of Land Management will provide a suitable seed mixture.
2. Noxious weeds will be controlled on all surface disturbances within the project area. If noxious weeds spread from the project area onto adjoining land, the company will also be responsible for their control.

B. SOILS/RANGE WATERSHEDS

1. Soil erosion will be mitigated by reseeding all disturbed areas.
2. The pipeline will be constructed to lie on the surface, unless otherwise specified in the Notes section of 1.A of this document. The surface pipeline will not be bladed or cleared of vegetation.

Where pipelines are constructed parallel to roads they may be welded on the road and then lifted from the road onto the right-of-way.

Where pipelines do not parallel roads but cross-country between sites, they shall be welded in place at well sites or on access roads and then pulled between stations with a suitable piece of equipment. Traffic will be restricted along these areas so that the pipeline right-of-way will not be used as an access road.

C. WILDLIFE/VEGETATION THREATENED & ENDANGERED SPECIES

No threatened or endangered species have been identified associated with this project, unless otherwise specified in the 3.0 Site Specific Survey part of this document. Therefore, no stipulations have been developed for their protection.

D. DRILLING SYSTEM

An open drilling system shall be used, unless otherwise specified in 10.0 Additional Stipulations of this document and in the Application for Permit to Drill. The reserve pit shall be lined with a synthetic leak proof liner. After the drilling operation is complete, excess fluids shall be removed from the reserve pit and either hauled to an approved disposal site or shall be used to drill other wells. When the fluids are removed the pit shall be backfilled a minimum of 3.0' below the soil surface elevation.

A closed drilling system shall be used in all flood plain areas, and other highly sensitive areas, recommended by the Ute Tribe Technician, BIA, and other agencies involved.

E. PRODUCTION SYSTEM

A closed production system shall be used. This means all produced water and oil field fluid wastes shall be contained in leak proof tanks. These fluids shall be disposed of in either approved injection wells or disposal pits.

F. UTE TRIBAL REGULATIONS

1. Prior to commencing surveys or construction on the U&O Indian Reservation, the operator, and any of its subcontractors, shall acquire Access Permits and Business Licenses from the Ute Indian Tribe Energy and Minerals Department.
2. Prior to the commencement of construction, the operator shall notify the Ute Indian Tribe Energy and Minerals Department of the date construction shall begin.

6.0 – UNAVOIDABLE ADVERSE IMPACTS

A. SURFACE ALTERATIONS

None of the adverse impacts listed in 4.0 Environmental Impacts above can be avoided in a practical manner, except those which are mitigated for in item 5.0 Mitigation Stipulations.

B. RELATIONSHIP BETWEEN SHORT-TERM USE OF THE ENVIRONMENT VS. LONG TERM PRODUCTIVITY

1. Short Term (Estimated 20 Years): A total loss of production on the land and the associated environmental impacts will continue to influence the surrounding area for the productive life of the proposed action.
2. Long Term (20 Year Plus): Standard policies provide for rehabilitation of rights-of-way. After the land is rehabilitated, it is expected to return to its original productive capability. Normally, there will be no permanent scar left on the landscape.

C. IRREVERSIBLE AND IRRETRIEVABLE COMMITMENT

Oil and gas are non-renewable resources; once they have been extracted they can never be replaced.

7.0 – CUMULATIVE IMPACTS

A. FULL DEVELOPMENT

Each additional well drilled for development increases the soil erosion potential, reduces wildlife habitat and grazing, increases potential soil and geological pollution resulting from salt loading, reduces the soil's potential to recover, and increases the potential of water pollution from produced waters and hydrocarbons. Therefore, strict conformance with the mitigation measures and recommendations in this document is emphasized to minimize the adverse environmental impacts.

8.0 – NEPA COMPLIANCE**A. RESEARCH/DOCUMENTATION**

1. Listed T&E Species	
2. Critical Wildlife Habitat	
3. Historical/Cultural Resources	

9.0 – REMARKS**A. SURFACE PROTECTION/REHABILITATION**

All essential surface protection and rehabilitation requirements are specified within the body of this document.

10.0 – ADDITIONAL STIPULATIONS

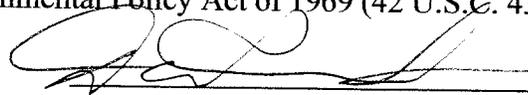
1. A _____ foot corridor right-of-way shall be approved, in accordance with your company's Surface Use/Exploration and Development Agreement. Upon completion of each right-of-way corridor, they shall be identified and filed with the Ute Indian Tribe and BIA.
2. Qualified surveyors/engineers shall be accompanied by a Tribal Technician, and will monitor all construction of the proposed action.
3. The Ute Tribe Energy and Minerals Department is to be notified 48-hours prior to the construction of the proposed action.
4. Notices are to be given to the Ute Tribe Energy and Minerals Department during their normal workdays, which are Monday through Friday, 8:00 AM to 4:30 PM. The company understands that they may be held responsible for costs incurred by improper notification.
5. The company shall inform contractors to maintain construction of projects with the approved rights-of-way.
6. The company shall assure the Ute Tribe that all contractors, including sub-contractors, leasing contractors, have acquired a current and valid Ute Tribal Business License and Access Permit prior to construction. These permits/licenses must be in all vehicles at all times.
7. You are hereby notified that working under the "umbrella" of a company does not allow you to be in the field, and can be subject to fines and penalties in the Ute Tribe Severance Tax Ordinance.
8. Any deviation of submitted APDs and ROW applications require the approval of the Ute Tribe and BIA in writing, and will receive written authorization of any such change.
9. The company will implement a Safety and Emergency Plan. The company's director will ensure its compliance.
10. The company will ensure that there is an approved APD and ROW and/or an Authority to Construct letter for proof of construction authorization.
11. All vehicular traffic, personnel movement, construction/restoration operations should be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
12. All personnel should refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.
13. If artifacts, fossils, or any culturally sensitive materials are exposed or identified during construction, all construction must cease and immediate notification to the Energy and Minerals Department and the Cultural Rights Protection Officer.
14. All mitigation stipulations contained in the BIA Site-Specific Environmental Assessment will be strictly adhered.
15. Upon completion of the right-of-way the company will notify the Ute Tribe Energy and Minerals Department and BIA so that an Affidavit of Completion may be implemented.

12.0 – DECLARATION

A. APPROVAL

It has been determined that the proposed action is not such a major federal action significantly affecting the quality of human environment as to require the preparation of an environmental impact statement under Section 102(2)(c) of the National Environmental Policy Act of 1969 (42 U.S.C. 4332)(2)(c).

Date: 21 JANUARY 2010


 Superintendent, BIA – U&O Agency

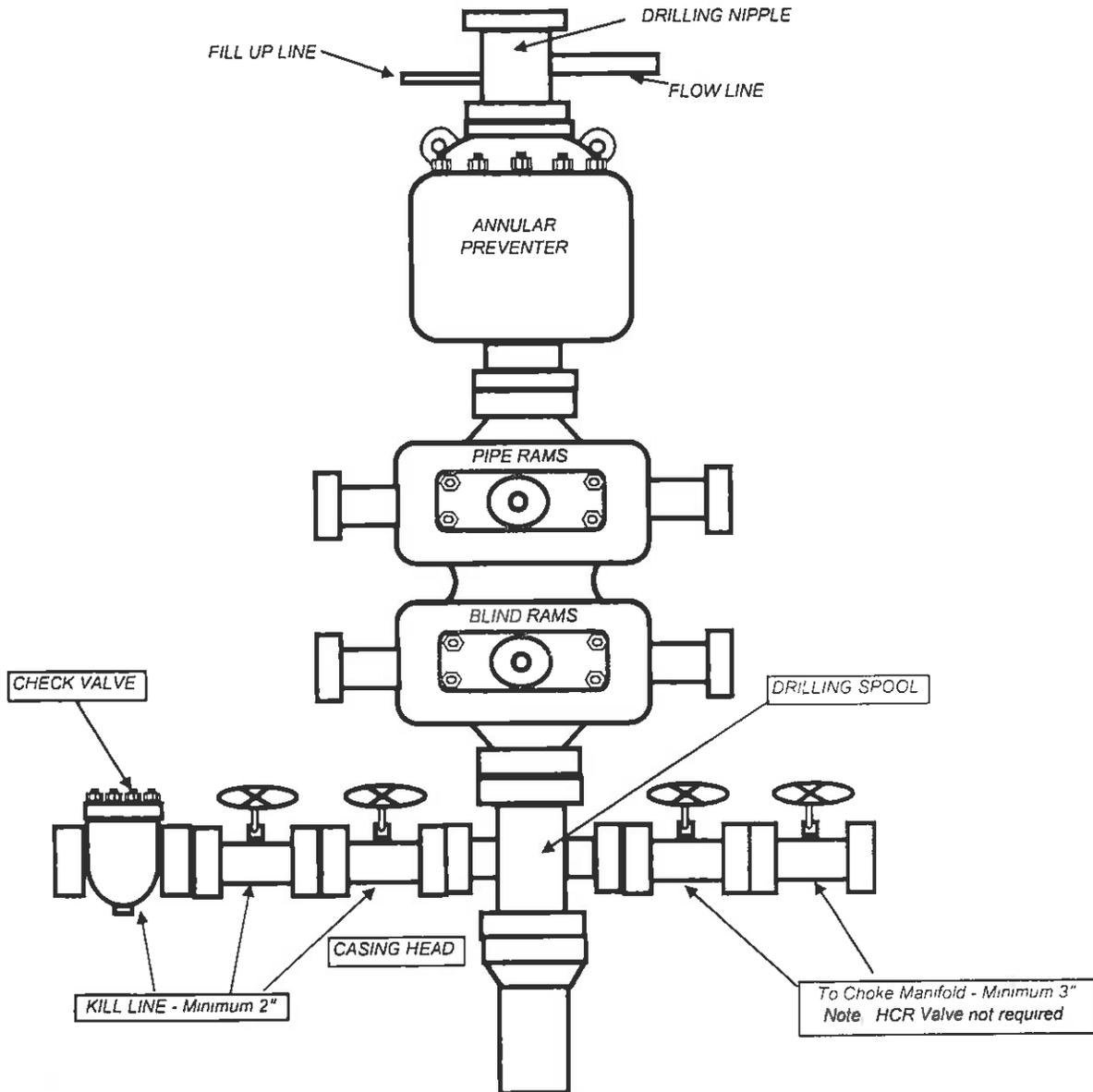
13.0 – CONSULTATION

A. REPRESENTATIVES/ORGANIZATIONS

Agency/Company	Name	Title	Initials
Bugs + Assoc. Inc	Don Hamilton	Agent	DH
Bill Barrett Corp. BLM	BRYAN GETCHEL DARREN WILLIAMS	Production Tech NRS	B.G DW
Bill Barrett Corp. MOAC	Jeff Stringham Keith Montgomery	Production Foreman Archaeologist	JS KM
WIT 1 RMD BLM	Jaimie Cuch Daniel Emmett	Oil & Gas Tech. NRS	JC DE
BARRETT	Roger Mitchell	Const Foreman	RM

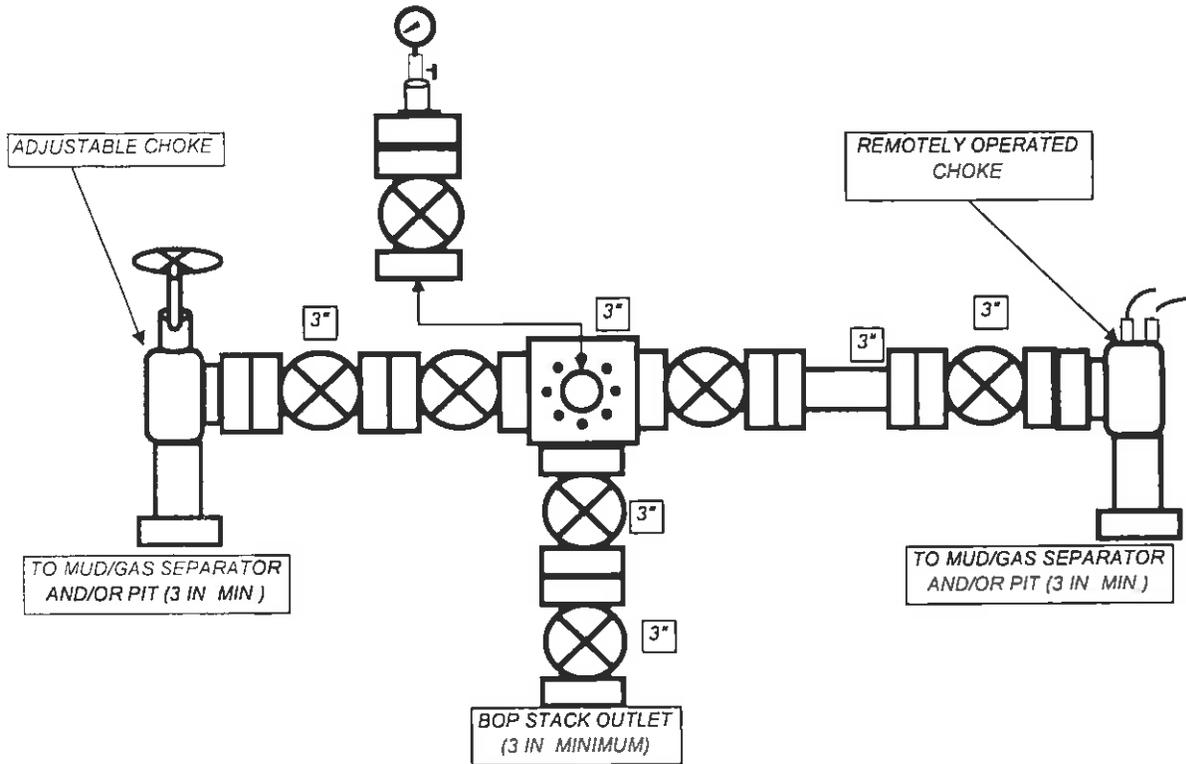
BILL BARRETT CORPORATION

TYPICAL 5,000 p.s.i. BLOWOUT PREVENTER



BILL BARRETT CORPORATION

TYPICAL 5,000 p.s.i. CHOKE MANIFOLD

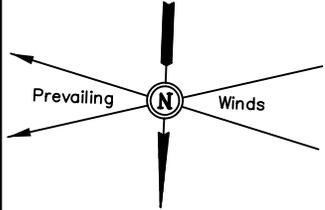


BILL BARRETT CORPORATION

LOCATION LAYOUT FOR

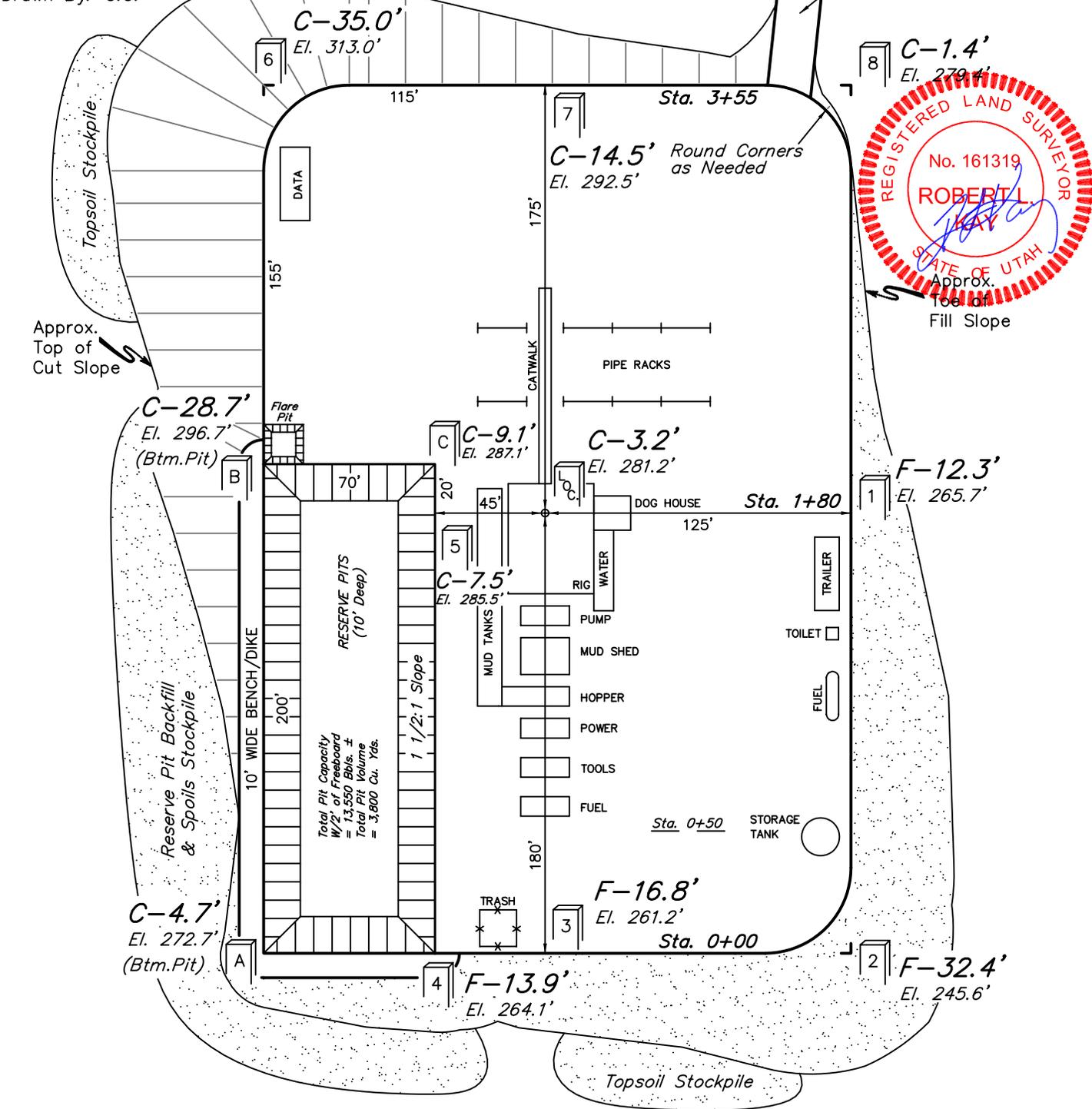
#7-30-46 DLB
SECTION 30, T4S, R6W, U.S.B.&M.
1298' FNL 1860' FEL

FIGURE #1



SCALE: 1" = 60'
DATE: 06-27-08
Drawn By: C.C.

Proposed Access Road



Elev. Ungraded Ground at Location Stake = 7281.2'
Elev. Graded Ground at Location Stake = 7278.0'

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

RECEIVED: September 04, 2012

BILL BARRETT CORPORATION

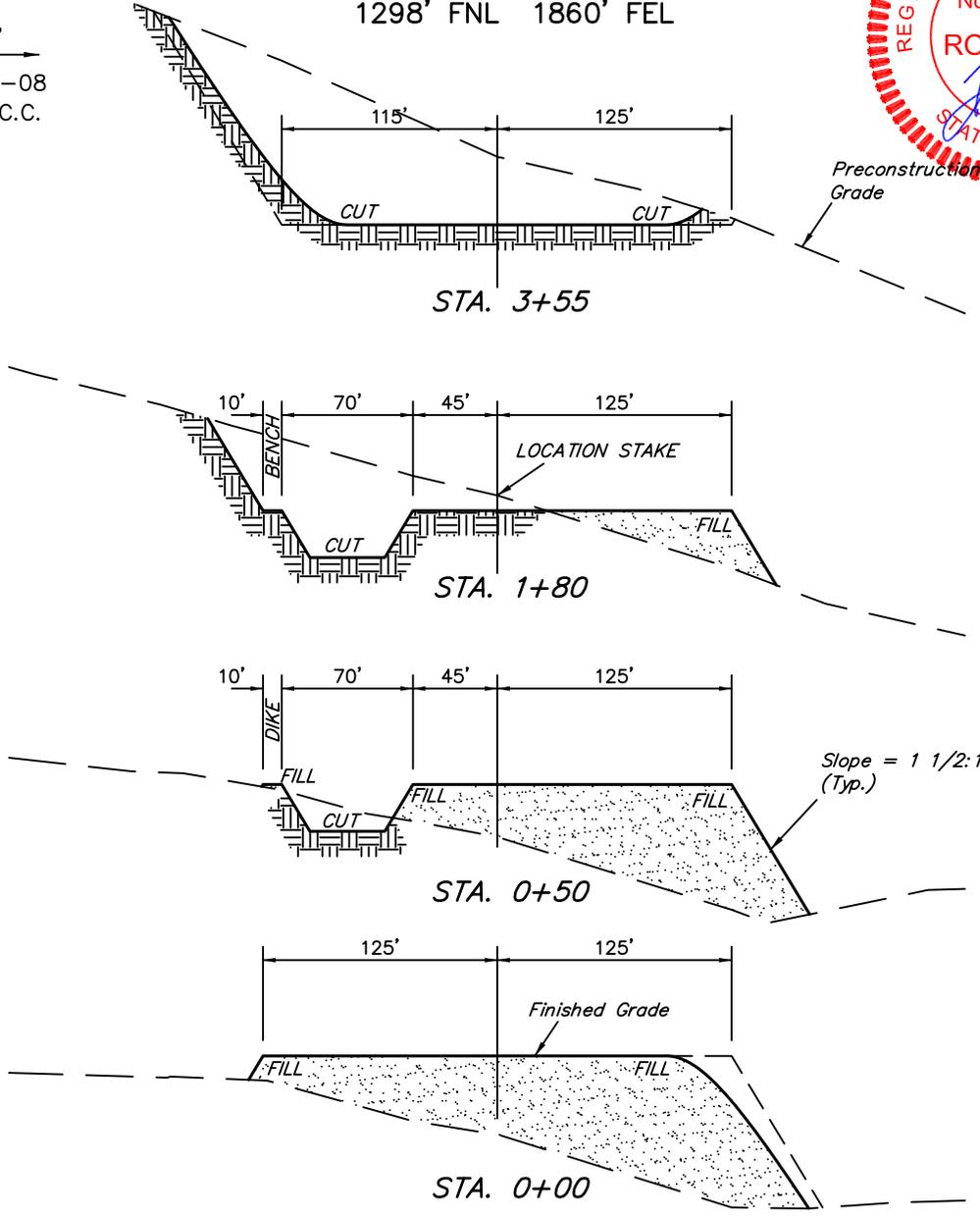
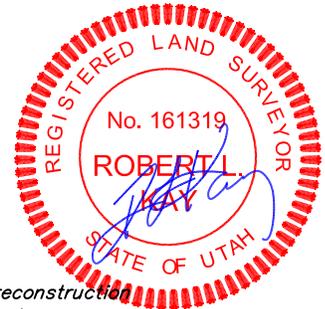
TYPICAL CROSS SECTIONS FOR

**#7-30-46 DLB
SECTION 30, T4S, R6W, U.S.B.&M.
1298' FNL 1860' FEL**

FIGURE #2

X-Section Scale
1" = 40'
1" = 100'

DATE: 06-27-08
DRAWN BY: C.C.



NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

*** NOTE:**

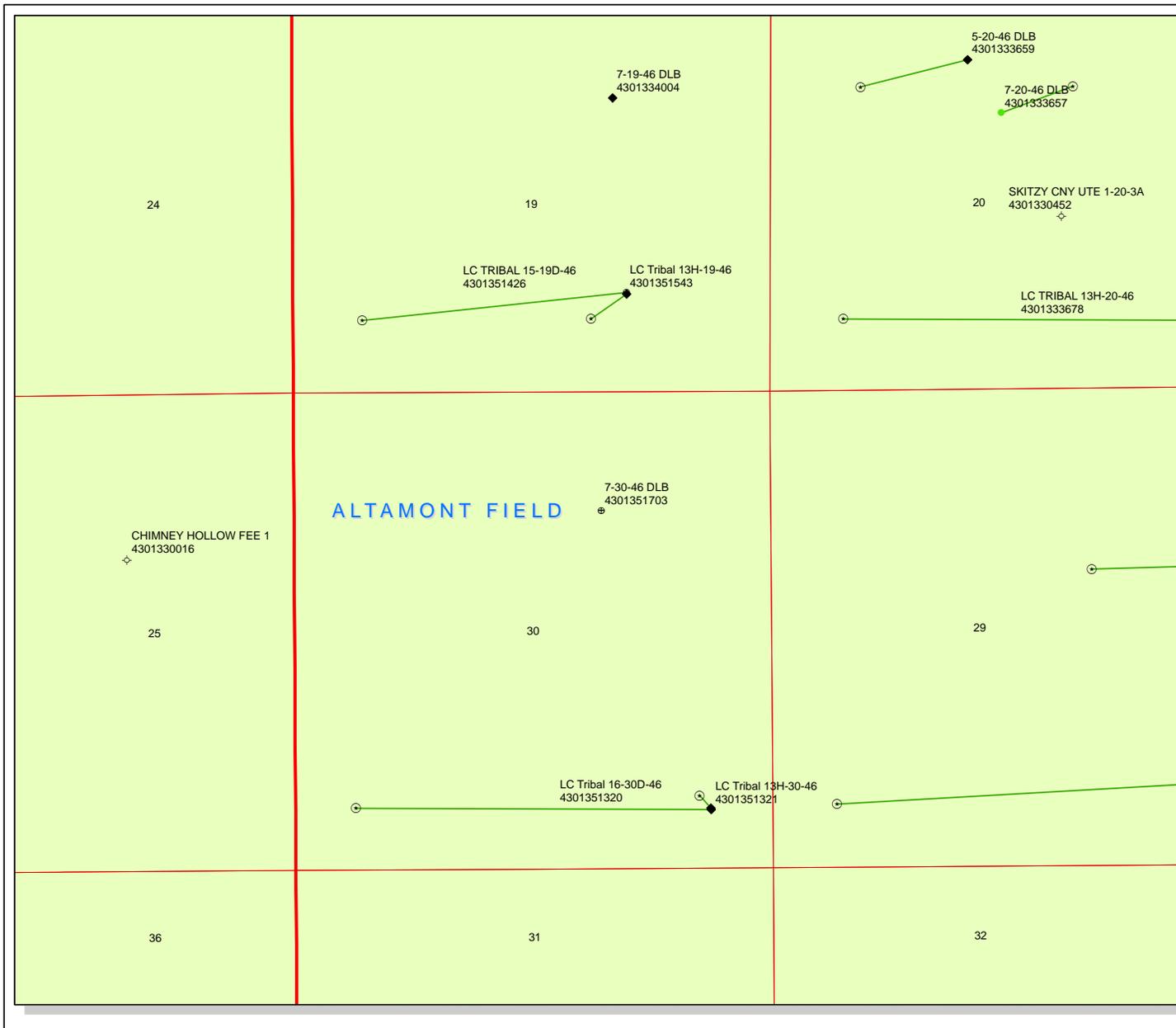
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(12") Topsoil Stripping = 4,930 Cu. Yds.
Remaining Location = 27,050 Cu. Yds.
TOTAL CUT = 31,980 CU.YDS.
FILL = 25,150 CU.YDS.

EXCESS MATERIAL = 6,830 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.) = 6,830 Cu. Yds.
EXCESS UNBALANCE = 0 Cu. Yds. (After Interim Rehabilitation)

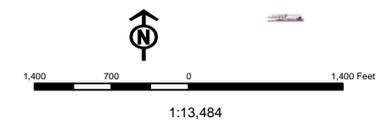
UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017



API Number: 4301351703
Well Name: 7-30-46 DLB
Township T04.0S Range R06.0W Section 30
Meridian: UBM
Operator: BILL BARRETT CORP

Map Prepared:
 Map Produced by Diana Mason

- | | |
|---------------|------------------------------------|
| Units | Wells Query |
| STATUS | STATUS |
| ACTIVE | APD - Approved Permit |
| EXPLORATORY | DRL - Spudded (Drilling Commenced) |
| GAS STORAGE | GIW - Gas Injection |
| NF PP OIL | GS - Gas Storage |
| NF SECONDARY | LOC - New Location |
| P1 OIL | OPS - Operation Suspended |
| PP GAS | PA - Plugged Abandoned |
| PP GEOTHERML | PGW - Producing Gas Well |
| PP OIL | POW - Producing Oil Well |
| SECONDARY | SGW - Shut-in Gas Well |
| TERMINATED | SOW - Shut-in Oil Well |
| Fields | TA - Temp. Abandoned |
| STATUS | TW - Test Well |
| Unknown | WDW - Water Disposal |
| ABANDONED | WW - Water Injection Well |
| ACTIVE | WSW - Water Supply Well |
| COMBINED | Bottom Hole Location - Oil/Gas/Dls |
| INACTIVE | |
| STORAGE | |
| TERMINATED | |



BOPE REVIEW BILL BARRETT CORP 7-30-46 DLB 43013517030000

Well Name	BILL BARRETT CORP 7-30-46 DLB 43013517030000			
String	Cond	Surf	Prod	
Casing Size(")	16.000	9.625	9.625	
Setting Depth (TVD)	80	850	8348	
Previous Shoe Setting Depth (TVD)	0	80	850	
Max Mud Weight (ppg)	8.8	8.8	9.6	
BOPE Proposed (psi)	0	0	5000	
Casing Internal Yield (psi)	1000	3520	10640	
Operators Max Anticipated Pressure (psi)	4167		9.6	

Calculations	Cond String	16.000	"
Max BHP (psi)	.052*Setting Depth*MW=	37	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	27	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	19	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	19	NO
Required Casing/BOPE Test Pressure=		0	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

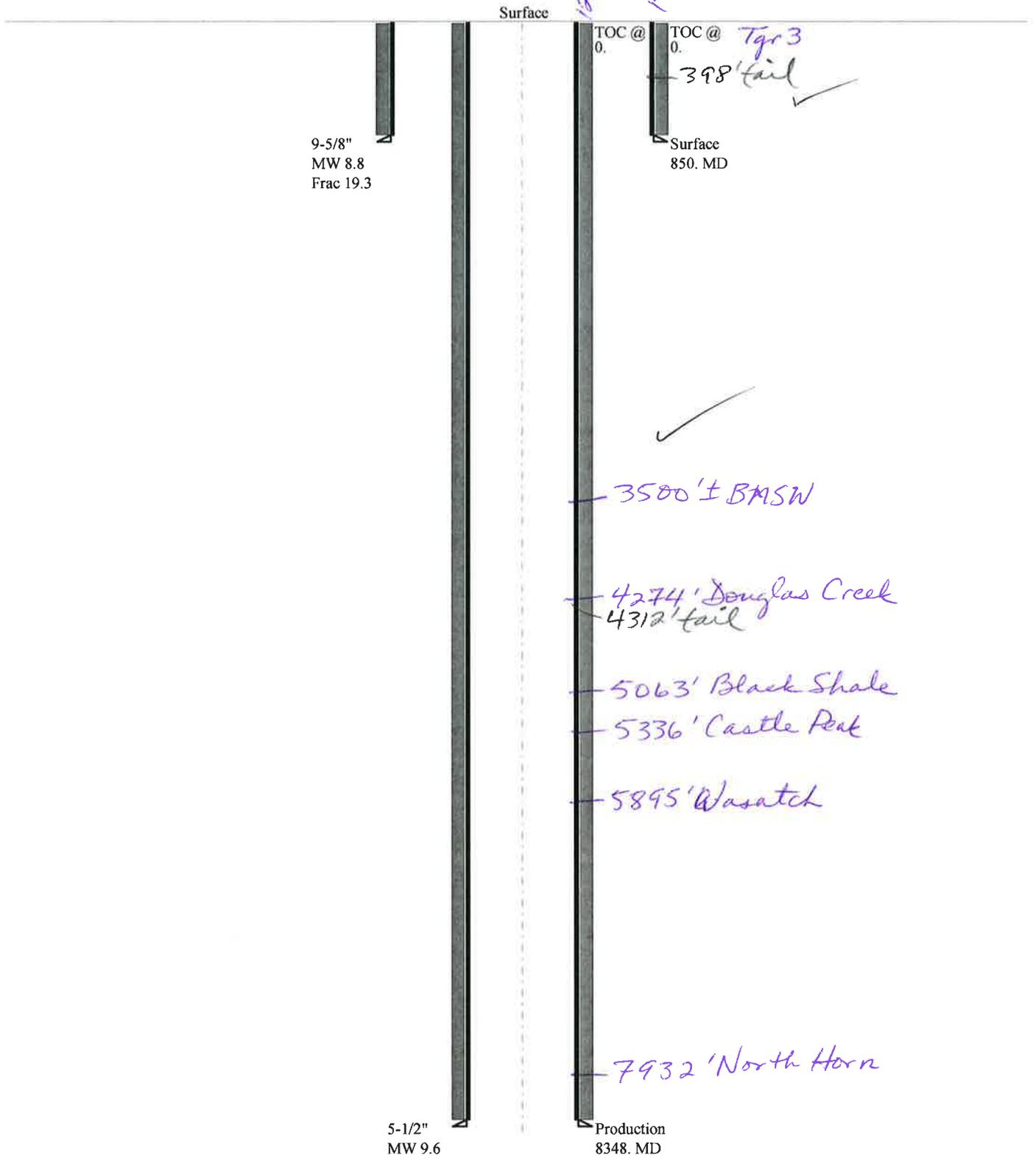
Calculations	Surf String	9.625	"
Max BHP (psi)	.052*Setting Depth*MW=	389	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	287	NO fresh water spud mud
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	202	NO OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	220	NO OK
Required Casing/BOPE Test Pressure=		850	psi
*Max Pressure Allowed @ Previous Casing Shoe=		80	psi *Assumes 1psi/ft frac gradient

Calculations	Prod String	9.625	"
Max BHP (psi)	.052*Setting Depth*MW=	4167	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3165	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2330	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	2517	NO Reasonable
Required Casing/BOPE Test Pressure=		5000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		850	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

43013517030000 7-30-46 DLB

Casing Schematic



Well name:	43013517030000 7-30-46 DLB		
Operator:	BILL BARRETT CORP		
String type:	Surface	Project ID:	43-013-51703
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

Mud weight: 8.800 ppg
 Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 748 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP: 850 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor: 1.125

Burst:

Design factor: 1.00

Tension:

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

Tension is based on air weight.
 Neutral point: 739 ft

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 86 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 100 ft

Cement top: Surface

Completion type is subs
Non-directional string.

Re subsequent strings:

Next setting depth: 8,348 ft
 Next mud weight: 9.600 ppg
 Next setting BHP: 4,163 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 850 ft
 Injection pressure: 850 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	850	9.625	36.00	J-55	ST&C	850	850	8.796	7388
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	389	2020	5.199	850	3520	4.14	30.6	394	12.88 J

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Mining

Phone: 801 538-5357
 FAX: 801-359-3940

Date: October 24, 2012
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 850 ft, a mud weight of 8.8 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.

Well name:	43013517030000 7-30-46 DLB		
Operator:	BILL BARRETT CORP		
String type:	Production	Project ID:	43-013-51703
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

Mud weight: 9.600 ppg
 Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 2,327 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP: 4,163 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor: 1.125

Burst:

Design factor: 1.00

Tension:

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

Tension is based on air weight.
 Neutral point: 7,133 ft

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 191 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,000 ft

Cement top: Surface

Completion type is subs
Non-directional string.

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	8348	5.5	17.00	P-110	LT&C	8348	8348	4.767	54987
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	4163	7480	1.797	4163	10640	2.56	141.9	445	3.14 J

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Mining

Phone: 801 538-5357
 FAX: 801-359-3940

Date: October 24, 2012
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 8348 ft, a mud weight of 9.6 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.

**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
6756	43013517030000	LOCKED	OW	I	No
Operator	BILL BARRETT CORP		Surface Owner-APD		
Well Name	7-30-46 DLB		Unit		
Field	ALTAMONT		Type of Work	DRILL	
Location	NWNE 30 4S 6W U 1298 FNL (UTM) 533856E 4439784N		1860 FEL	GPS Coord	

Geologic Statement of Basis

Bill Barrett proposes to set 80' of conductor and 850' of surface casing at this location. The base of the moderately saline water is at approximately 3,500 feet in this area. This location lies on the Green River Formation. Good aquifers can be found in the Green River Formation. A search of Division of Water Rights records indicates four water wells within a 10,000 foot radius of the proposed location. All wells are located over a mile from the proposed location. Depth for one well is listed as 160 feet, no depths are listed for the other wells. Water use is listed as domestic, irrigation, livestock and fish culture. Production casing cement should be brought up above the base of the moderately saline ground water to isolate it from fresher waters uphole.

Brad Hill
APD Evaluator

9/19/2012
Date / Time

Surface Statement of Basis

The surface rights at the proposed location are owned by the Ute Tribe. The operator is responsible for obtaining all necessary surface permits and rights-of-way.

Brad Hill
Onsite Evaluator

9/19/2012
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
	None.

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 9/4/2012

API NO. ASSIGNED: 43013517030000

WELL NAME: 7-30-46 DLB

OPERATOR: BILL BARRETT CORP (N2165)

PHONE NUMBER: 303 312-8172

CONTACT: Venessa Langmacher

PROPOSED LOCATION: NWNE 30 040S 060W

Permit Tech Review:

SURFACE: 1298 FNL 1860 FEL

Engineering Review:

BOTTOM: 1298 FNL 1860 FEL

Geology Review:

COUNTY: DUCHESNE

LATITUDE: 40.10767

LONGITUDE: -110.60274

UTM SURF EASTINGS: 533856.00

NORTHINGS: 4439784.00

FIELD NAME: ALTAMONT

LEASE TYPE: 4 - Fee

LEASE NUMBER: Fee

PROPOSED PRODUCING FORMATION(S): GREEN RIVER-WASATCH

SURFACE OWNER: 2 - Indian

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: STATE/FEE - LPM4138148
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: 43-180
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

Commingle Approved

LOCATION AND SITING:

- R649-2-3.
- Unit:
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: Cause 139-87
- Effective Date: 12/6/2011
- Siting: 4 Producing Grrv-Wstc Wells In Sec Drl Unit
- R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 4 - Federal Approval - dmason
5 - Statement of Basis - bhll
12 - Cement Volume (3) - hmacdonald
25 - Surface Casing - hmacdonald



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: 7-30-46 DLB
API Well Number: 43013517030000
Lease Number: Fee
Surface Owner: INDIAN
Approval Date: 11/1/2012

Issued to:

BILL BARRETT CORP, 1099 18th Street Ste 2300, Denver, CO 80202

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 Cause 139-87. The expected producing formation or pool is the GREEN RIVER-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:

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

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

Cement volume for the 5 1/2 production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 350' MD as indicated in the submitted drilling plan.

Surface casing shall be cemented to the surface.

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:

Approved by:

A handwritten signature in black ink, appearing to read "J. Rogers", written in a cursive style.

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: Uintah
1. TYPE OF WELL Oil Well		7.UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: 7-30-46 DLB
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43013517030000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1298 FNL 1860 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 30 Township: 04.0S Range: 06.0W Meridian: U		9. FIELD and POOL or WILDCAT: ALTAMONT
		COUNTY: DUCHESNE
		STATE: UTAH

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

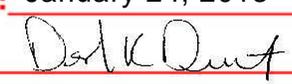
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 3/1/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

BBC hereby requests to revise the surface casing depth approved (850') to 1700' (100' above the Green River formation). Please see revised drilling program attached.

Approved by the Utah Division of Oil, Gas and Mining

Date: January 24, 2013

By: 

NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst
SIGNATURE N/A	DATE 1/17/2013	

BILL BARRETT CORPORATION
DRILLING PLAN

7-30-46 DLB

NW NE, 1298' FNL and 1860' FEL, Section 30, T4S-R6W, USB&M
Duchesne County, Utah

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

<u>Formation</u>	<u>Depth</u>
Green River	1,800'
Mahogany	2,470'
TGR3	3,580'
Douglas Creek	4,274'
Black Shale	5,063'
Castle Peak	5,336'
*Wasatch	5,895'
*North Horn	7,932'
TD	8,348'

*PROSPECTIVE PAY

The Wasatch and the Lower Green River are primary objectives for oil/gas.

3. BOP and Pressure Containment Data

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 1,700'	No pressure control required
1,700' – TD	11" 5000# Ram Type BOP 11" 5000# Annular BOP
- Drilling spool to accommodate choke and kill lines;	
- Ancillary equipment and choke manifold rated at 5,000 psi. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2;	
- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests.	
- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up To operate most efficiently in this manner.	

4. Casing Program

<u>Hole Size</u>	<u>SETTING DEPTH</u>		<u>Casing Size</u>	<u>Casing Weight</u>	<u>Casing Grade</u>	<u>Thread</u>	<u>Condition</u>
	<u>(FROM)</u>	<u>(TO)</u>					
26"	Surface	80'	16"	65#			
12 1/4"	Surface	1,700'	9 5/8"	36#	J or K 55	ST&C	New
8 3/4"	Surface	TD	5 1/2"	17#	P-110	LT&C	New

Bill Barrett Corporation
 Drilling Program
 7-30-46 DLB
 Duchesne County, Utah

5. Cementing Program

16" Conductor Casing	Grout
9 5/8" Surface Casing	Lead: 220 sx Halliburton Light Premium with additives mixed at 11.0 ppg (yield = 3.16 ft ³ /sx) circulated to surface with 75% excess. TOC @ Surface Tail: 210 sx Halliburton Premium Plus cement with additives mixed at 14.8 ppg (yield = 1.36 ft ³ /sx), calculated hole volume with 75% excess. TOC @ 1,200'
5 1/2" Production Casing	Lead: 560 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft ³ /sx). TOC @ 1,200' Tail: 1020 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft ³ /sx). Top of cement to be determined by log and sample evaluation; estimated TOC @ 4,563'

6. Mud Program

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss (API filtrate)</u>	<u>Remarks</u>
0' – 80'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
80' – 1,700'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
1,700' – TD	8.6 – 9.6	42-52	20 cc or less	DAP Polymer Fluid System
Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.				

7. Testing, Logging and Core Programs

Cores	None anticipated;
Testing	None anticipated; drill stem tests may be run on shows of interest;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	MWD as needed to land wellbore;
Logging	DIL-GR-SP, FDC-CNL-GR-CALIPER-Pe-Microlog, Sonic-GR (all TD to surface). FMI & Sonic Scanner to be run at geologist's discretion.

8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 4167 psi* and maximum anticipated surface pressure equals approximately 2330 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 – (0.22 x TD)

Bill Barrett Corporation
Drilling Program
7-30-46 DLB
Duchesne County, Utah

9. Auxiliary Equipment

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use
Mud monitoring will be visually observed

10. Location and Type of Water Supply

Water for the drilling and completion will be trucked from the Duchesne City Culinary Water Dock located in Sec. 1, T4S, R5W water right number 43-180.

11. Drilling Schedule

Location Construction: March 2013
Spud: March 2013
Duration: 15 days drilling time
45 days completion time

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: Fee
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2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: 7-30-46 DLB
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43013517030000
PHONE NUMBER: 303 312-8164 Ext		9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1298 FNL 1860 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 30 Township: 04.0S Range: 06.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 4/13/2013	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
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	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Drilling Contractor: Triple A Drilling LLC; Rig #: TA 4037; Rig Type: Soilmec SR/30; Spud Date: 4/13/13; Spud Time: 3:45 PM; Conductor Size: 16"; Hole Size: 26"; Commence Drilling approximate start date: 4/18/2013

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
April 15, 2013**

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 4/15/2013	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
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: Uintah
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: 7-30-46 DLB
2. NAME OF OPERATOR: BILL BARRETT CORP		9. API NUMBER: 43013517030000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1298 FNL 1860 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 30 Township: 04.0S Range: 06.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 4/18/2013 <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
Drilling Contractor: Triple A Drilling LLC; Rig #: TA 4037; Rig Type: Soilmec SR/30; Spud Date: 4/13/13; Spud Time: 3:45 PM; Conductor Size: 16"; Hole Size: 26"; Commence Drilling approximate start date: 4/18/2013		
		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 29, 2013
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A		DATE 4/29/2013

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corp Rig Name/# Nabors M22
Submitted By Jeremy Mejorado Phone Number 303-353-5350
Well Name/Number 7-30-46 DLB
Qtr/Qtr NW/NE Section 30 Township 4S Range 6W
Lease Serial Number _____
API Number 43-013-51703

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ AM PM

Casing – Please report time casing run starts, not cementing times.

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

Date/Time 4/23/13 11:00 AM PM

BOPE

- Initial BOPE test at surface casing point
- BOPE test at intermediate casing point
- 30 day BOPE test
- Other

Date/Time _____ AM PM

Remarks WE WILL BE CEMENTING AROUND 3:00 AM 4/24/13
PLEASE CALL WITH ANY QUESTIONS OR CONCERNS

RECEIVED
APR 22 2013
DIV. OF OIL, GAS & MINING

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corp Rig Name/# Nabors M22
Submitted By Jeremy Mejorado Phone Number 303-353-5350
Well Name/Number 7-30-46 DLB
Qtr/Qtr NW/NE Section 30 Township 4S Range 6W
Lease Serial Number _____
API Number 43-013-51703

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ AM PM

Casing – Please report time casing run starts, not cementing times.

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

Date/Time _____ AM PM

BOPE

- Initial BOPE test at surface casing point
- BOPE test at intermediate casing point
- 30 day BOPE test
- Other

Date/Time 6:00 _____ AM PM

Remarks WE WILL BE TESTING BOP AROUND 6:00 AM 4/24/13
PLEASE CALL WITH ANY QUESTIONS OR CONCERNS

RECEIVED

APR 23 2013

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
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		COUNTY: DUCHESNE	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 4/30/2013	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
Attached is the April 2013 Drilling Activity for this well.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 10, 2013			
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst	
SIGNATURE N/A		DATE 5/3/2013	

**7-30-46 DLB 4/16/2013 22:00 - 4/17/2013 06:00**

API/UWI 43013517030000	State/Province Utah	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status DRILLING	Total Depth (ftKB) 1,761.0	Primary Job Type Drilling/Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
22:00	8.00	06:00	1	RIGUP & TEARDOWN	RIGGING DOWN WITH CREWS - SCOPE DERRICK - REMOVE WALKING SYSTEM - UNSPOLL DRILL LINE - BREAK DOWN MUD TANKS - R/D ELECTRICAL - R/D FLOOR - R/D PRAGMA - REMOVE BOP WRANGLER	

7-30-46 DLB 4/17/2013 06:00 - 4/18/2013 06:00

API/UWI 43013517030000	State/Province Utah	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status DRILLING	Total Depth (ftKB) 1,761.0	Primary Job Type Drilling/Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	14.00	20:00	1	RIGUP & TEARDOWN	R/D ALL ELECTRICAL - LOWER SUB - BREAK DOWN MUD TANKS - LOWER SHAKER SKID - R/D GAS BUSTER - MOVE CAMPS TO NEW LOCATION & SET - HAUL MUD PUMPS 400 BLS UPRIGHTS & VFD TO UPPER STAGING AREA - RIG MOVE SLOW DUE TO ONE WAY TRAFFIC ON DRY CANYON & TRUCKS HAVING TO BE TOWED UP DUGWAY	
20:00	10.00	06:00	1	RIGUP & TEARDOWN	WAIT ON DAYLIGHT	

7-30-46 DLB 4/18/2013 06:00 - 4/19/2013 06:00

API/UWI 43013517030000	State/Province Utah	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status DRILLING	Total Depth (ftKB) 1,761.0	Primary Job Type Drilling/Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	1.00	07:00	1	RIGUP & TEARDOWN	WAIT ON DAYLIGHT	
07:00	12.00	19:00	1	RIGUP & TEARDOWN	ROAD SHUTDOWN 3 HOURS WHILE CREWS REBUILT CORNER ON DUGWAY - LOWER DERRICK - SPLIT SUBS - HAUL MUD TANKS & SET ON NEW LOCATION - RIG IS 60% MOVED & 10% RIGGED UP - RIG MOVE SLOW DUE TO ONE WAY TRAFFIC AND SLICK MUDDY ROAD COND.	
19:00	11.00	06:00	1	RIGUP & TEARDOWN	WAIT ON DAYLIGHT	

7-30-46 DLB 4/19/2013 06:00 - 4/20/2013 06:00

API/UWI 43013517030000	State/Province Utah	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status DRILLING	Total Depth (ftKB) 1,761.0	Primary Job Type Drilling/Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	1.00	07:00	1	RIGUP & TEARDOWN	WAIT ON DAYLIGHT	
07:00	12.00	19:00	1	RIGUP & TEARDOWN	SET MATTING BOARDS, SET SUBS, PIN CENTER SECTION, SET MUD PUMPS, CASES, VFD, FUEL TANK, GEN SHEDS, CHOKE HOUSE, GAS BUSTER, SOLIDS CONTROL EQUIPMENT, PIN DERRICK & DERRICK BOARD, SET WATER TANK, HPU, DOG HOUSE, PARTS HOUSE.	
19:00	11.00	06:00	1	RIGUP & TEARDOWN	R/U ELECTRICAL - CHANGE OUT BRIDAL LINES - PREP TO RAISE DERRICK	

7-30-46 DLB 4/20/2013 06:00 - 4/21/2013 06:00

API/UWI 43013517030000	State/Province Utah	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status DRILLING	Total Depth (ftKB) 1,761.0	Primary Job Type Drilling/Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	1.00	07:00	1	RIGUP & TEARDOWN	RIGGING UP ELECTRICAL & MUD TANKS	
07:00	8.00	15:00	1	RIGUP & TEARDOWN	PREP TO RAISE DERRICK, RAISE DERRICK, R/U WIND WALLS, RAISE SUB, SET BOP WRANGLER, FESTUNE HOUSE & RAIL, SET STAIRS, 400 BLS UPRIGHTS, CEMENT SILOS, & PRAGMA, UNLOAD PIPE	
15:00	15.00	06:00	1	RIGUP & TEARDOWN	R/U WITH CREWS - FINISH RIGGING UP ELECTRICAL - START GENS, R/U FLOOR, R/U MUD TANKS, MUD PUMPS, FLOW LINE, SPOOL UP DRILL LINE	

**7-30-46 DLB 4/21/2013 06:00 - 4/22/2013 06:00**

API/UWI 43013517030000	State/Province Utah	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status DRILLING	Total Depth (ftKB) 1,761.0	Primary Job Type Drilling/Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	1	RIGUP & TEARDOWN	R/U TOP DRIVE, FESTUNE RAIL TIPPED OVER WORK ON PICKING IT BACK UP, R/U FLOOR, ELECTRICIANS WORKING ON DAMAGED PLUGS, INSTALL FLOW LINE, NIPPLE UP ANNULAR DIVERTER, INSTALL SHAKER SLIDES, CHANGE MODULE ON #2 MUD PUMP, RUN FLARE FLINES & GAS BUSTER LINES, NIPPLE UP CHOKE LINE

7-30-46 DLB 4/22/2013 06:00 - 4/23/2013 06:00

API/UWI 43013517030000	State/Province Utah	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status DRILLING	Total Depth (ftKB) 1,761.0	Primary Job Type Drilling/Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.00	15:00	1	RIGUP & TEARDOWN	FINISH RIGGING UP DIVERTER & FLOW LINE - WORK ON MUD PUMP #2 - RIG ACCEPTED TO DAY WORK @ 1500 HRS 4/22/13
15:00	3.00	18:00	21	OPEN	LOAD PIPE RACKS - STRAP BHA - TEST MUD PUMPS
18:00	1.00	19:00	20	DIRECTIONAL WORK	P/U MUD MOTOR M/U BIT - P/U SHOCK SUB, REAMER & 1 MONEL
19:00	1.50	20:30	21	OPEN	TIGHTEN HAMMER UNIONS ON FLOWLINE - INSTALL ROT HEAD RUBBER
20:30	0.50	21:00	2	DRILL ACTUAL	W/400 GPM , 25 RPM, 8K WT ON BIT, 150-300 DIFF PRESS, 3K TQ
21:00	1.50	22:30	20	DIRECTIONAL WORK	P/U REST OF DIR TOOLS - LOAD MWD TOOL & ORIENT SAME
22:30	4.00	02:30	2	DRILL ACTUAL	W/636 GPM, 45 RPM, 15K WT ON BIT, 300-500 DIFF PRESS, 3K TQ
02:30	0.50	03:00	7	LUBRICATE RIG	RIG SERVICE
03:00	0.50	03:30	2	DRILL ACTUAL	W/714 GPM, 45 RPM , 15K WT ON BIT, 300-500 DIFF PRESS, 3K TQ
03:30	1.00	04:30	8	REPAIR RIG	DOWNTIME REPLACE WASHPIPE ON TOP DRIVE, REPLACE O-RING ON MUD LINE
04:30	1.50	06:00	2	DRILL ACTUAL	W/764 GPM, 45 RPM, 18K WT ON BIT, 350-550 DIFF PRESS, 4K TQ

7-30-46 DLB 4/23/2013 06:00 - 4/24/2013 06:00

API/UWI 43013517030000	State/Province Utah	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status DRILLING	Total Depth (ftKB) 1,761.0	Primary Job Type Drilling/Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.50	15:30	2	DRILL ACTUAL	W/808 GPM, 45 RPM, 18K WT ON BIT, 400-600 DIFF PRESS, 7K TQ
15:30	2.00	17:30	5	COND MUD & CIRC	CIRC - PUMP 2 HIGH VIS LCM SWEEPS, LOST RETURNS
17:30	1.50	19:00	6	TRIPS	WIPER TRIP
19:00	1.00	20:00	5	COND MUD & CIRC	CIRC PUMP HIGH VIS LCM SWEEP
20:00	1.00	21:00	6	TRIPS	T.O.O.H. F/1761' T/127'
21:00	2.00	23:00	20	DIRECTIONAL WORK	L/D 8" DCs - L/D DIR TOOLS - PULL MWD TOOL - BREAK BIT - L/D MUD MOTOR
23:00	3.00	02:00	12	RUN CASING & CEMENT	S/M - R/U CSG CREW & RUN 40 JOINTS 9 5/8 36# J-55 CSG WITH 10 CENTRALIZERS - CSG SET @ 1751'
02:00	1.00	03:00	5	COND MUD & CIRC	CIRC - R/D CSG CREW - R/U CEMENTERS
03:00	2.00	05:00	12	RUN CASING & CEMENT	S/M - FINISH RIGGING UP CEMENTERS - TEST LINES @ 5000 PSI, PUMP 10 BBLS WATER, 40 BBLS SUPERFLUSH, 10 BBLS WATER, 135 BBLS 240 SKS 11 PPG 3.16 YIELD LEAD CEMENT MIXED @ 19.48 GAL SK, 57 BBLS 240 SKS 14.8 PPG 1.33 YIELD TAIL CEMENT MIXED @ 6.31 GAL/SL, SHUT DOWN DROP PLUG WASH LINES & DISPLACE W/131.8 BBLS DRILLING MUD - BUMP PLUG WITH 475 PSI TAKE PRESSURE 575 PSI OVER (1050 PSI) RELEASE PRESSURE FLOATS HELD - FULL RETURNS DURING JOB 72 BBLS CEMENT TO SURFACE - R/D CEMENT HEAD
05:00	1.00	06:00	13	WAIT ON CEMENT	WOC - PREP FOR TOP JOB

7-30-46 DLB 4/24/2013 06:00 - 4/25/2013 06:00

API/UWI 43013517030000	State/Province Utah	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status DRILLING	Total Depth (ftKB) 1,761.0	Primary Job Type Drilling/Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	12	RUN CASING & CEMENT	RUN 120' 1" PIPE & TOP OUT WITH 13 BBLS, 60 SKS 15.8# 1.17 YIELD 2% CAL TOP OUT CEMENT
07:00	1.00	08:00	13	WAIT ON CEMENT	WOC
08:00	0.50	08:30	12	RUN CASING & CEMENT	RUN 100' 1" PIPE AND TOP OUT WITH 7 BBLS 30 SKS 15.8# 1.17 YIELD 2% CAL TOP OUT CEMENT
08:30	1.00	09:30	13	WAIT ON CEMENT	WOC
09:30	0.50	10:00	21	OPEN	CUT OFF CSG
10:00	2.00	12:00	14	NIPPLE DOWN B.O.P	NIPPLE DOWN DIVERTER
12:00	3.50	15:30	21	OPEN	WELD ON WELL HEAD
15:30	4.00	19:30	14	NIPPLE UP B.O.P	NIPPLE UP BOP - REPLACE PIPE RAMS
19:30	4.50	00:00	15	TEST B.O.P	R/U TESTER & TEST BOP (BLIND RAMS, PIPE RAMS, HCR, UPPER KELLY, LOWER KELLY, FOSV, INSIDE BOP, CHOKE LINE, KILL LINE, INSIDE KILL VALVE, CHOKE MANIFOLD ALL @ 10MIN 5000 PSI HIGH, 5MIN 250 PSI LOW, ANNULAR @ 10MIN 2500 PSI HIGH 5MIN 250 PSI LOW, CSG @ 30 MIN 1500 PSI, SUPER CHOKE @ 5MIN 500 PSI - R/D TESTER
00:00	0.50	00:30	21	OPEN	SET WEAR BUSHING
00:30	1.50	02:00	20	DIRECTIONAL WORK	P/U MUD MOTOR - M/U BIT - LOAD MWD TOOL & OREINT SAME
02:00	1.00	03:00	6	TRIPS	T.I.H. F/0' T/1680'
03:00	1.00	04:00	2	DRILL ACTUAL	DRLG CEMENT FLOAT & SHOE W/340 GPM, 25 RPM & 8K WT ON BIT
04:00	0.50	04:30	2	DRILL ACTUAL	W/340 GPM, 25 RPM, 10K WT ON BIT, 250-350 DIFF PRESS, 3K TQ
04:30	1.00	05:30	5	COND MUD & CIRC	LOST RETURNS - PUMP 30% LCM SWEEPS - ESTABLISH RETURNS
05:30	0.50	06:00	21	OPEN	EMW TEST TO 10.5 MW @ 1781' W/9.0 PPG MW - CLOSE ANNULAR AND BRING PRESSURE UPTO 139 PSI - PRESSURE LEAKED OFF TO 80 PSI (9.85 PPG EQUIVALENT MW)

7-30-46 DLB 4/25/2013 06:00 - 4/26/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013517030000	Utah	Duchesne	Brundage Canyon/Lake Canyon	DRILLING	1,761.0	Drilling/Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	5.50	11:30	2	DRILL ACTUAL	W/650 GPM, 45 RPM, 12K WT ON BIT, 350-550 DIFF PRESS, 5K TQ - BYPASS SHAKERS @ 1900'
11:30	2.00	13:30	5	COND MUD & CIRC	LOST RETURNS @ 2750' - BUILD VOLUME BRING LCM CONTENT TO 25% - SPOT 35% LCM PILL
13:30	0.50	14:00	6	TRIPS	PULL 10 STANDS
14:00	4.00	18:00	5	COND MUD & CIRC	LET PILL SOAK BUILD VOLUME BRING LCM CONTENT TO 30% - TRY TO BREAK CIRC - UNABLE TO GET RETURNS
18:00	1.50	19:30	6	TRIPS	T.O.O.H. F/1900' T/0' - STAND BACK DIR. TOOLS - L/D MUD MOTOR
19:30	1.50	21:00	6	TRIPS	T.I.H. OPEN ENDED F/0' T/2780'
21:00	9.00	06:00	5	COND MUD & CIRC	PUMP 50% PLOY SWELL LCM PILL - LET PILL SOAK BRING LCM CONTENT TO 40% - BUILD VOLUME - PUMP 60% LCM SWEEP UNABLE TO ESTABLISH RETURNS

7-30-46 DLB 4/26/2013 06:00 - 4/27/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013517030000	Utah	Duchesne	Brundage Canyon/Lake Canyon	DRILLING	1,761.0	Drilling/Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.50	08:30	5	COND MUD & CIRC	ATTEMPT TO CIRC - UNABLE TO GAIN RETURNS SPOT 60% LCM PILL
08:30	1.00	09:30	6	TRIPS	T.O.O.H.F/2784' T/1700' - PUMP 60% PILL @ 1800'
09:30	3.00	12:30	5	COND MUD & CIRC	LET PILL SOAK - ATTEMPT TO BREAK CIRC - NO RETURNS
12:30	1.50	14:00	6	TRIPS	T.I.H. F/1700' T/2670' ATTEMPT TO BREAK CIRC EVRY 300' - NO RETURNS
14:00	3.00	17:00	5	COND MUD & CIRC	BUILD VOLUME - WAIT ON DRILL CHEM LCM PRODUCTS - BUILD 80 BBL PILL WITH DRILL CHEM PRODUCTS AS FOLLOWS (25 PPB F.I.T., 30 PPB BLOCKADE, 15 PPB DRILL SEAL MEDIUM, 5 PPB DRILL SEAL COARSE, 5 PPB DRILL SEAL EXTRA COARSE - SPOT SWEEP
17:00	1.00	18:00	6	TRIPS	T.O.O.H. F/2670' T/1400'
18:00	1.50	19:30	5	COND MUD & CIRC	ATTEMPT TO CIRC ON TOP OF PILL - NO RETURNS
19:30	1.00	20:30	6	TRIPS	T.O.O.H. F/1400' T/0'

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
20:30	2.50	23:00	6	TRIPS	P/U MUD MOTOR - M/U BIT - T.I.H. F/0' T/2784'
23:00	3.50	02:30	2	DRILL ACTUAL	W/318 GPM, 60 RPM, 8K WT ON BIT, 150-275 DIFF PRESS, 4K TQ
02:30	3.00	05:30	5	COND MUD & CIRC	BUILD 120 BBLS LCM PILL AS FOLLOWS (30 PPB BLOCKADE, 25 PPB F.I.T., 15 PPB DRILL SEAL MEDIUM, 5 PPB DRILL SEAL COARSE, 5 PPB DRILL SEAL EXTRA COARSE - SPOT PILL ON BOTTOM)
05:30	0.50	06:00	6	TRIPS	T.O.O.H. F/3084' T/

7-30-46 DLB 4/27/2013 06:00 - 4/28/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013517030000	Utah	Duchesne	Brundage Canyon/Lake Canyon	DRILLING	1,761.0	Drilling/Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	6	TRIPS	T.O.O.H. T/1200'
06:30	7.00	13:30	5	COND MUD & CIRC	LET LCM PILL SOAK 3 HRS - ATTEMPT TO BREAK CIRC (NO RETURNS) - PUMP 45% LCM SWEEPS (NO RETURNS)
13:30	2.00	15:30	6	TRIPS	T.O.O.H. - PULL ROT HEAD RUBBER - BREAK BIT - L/D MUD MOTOR
15:30	4.50	20:00	21	OPEN	WAITING ON CEMENT RETAINER
20:00	0.50	20:30	6	TRIPS	M/U CEMENT RETAINER - T.I.H. T/1512'
20:30	0.50	21:00	12	RUN CASING & CEMENT	SET CEMENT RETAINER @ 1512'
21:00	4.50	01:30	21	OPEN	WAITING ON CEMENT TO ARRIVE ON LOCATION
01:30	2.50	04:00	12	RUN CASING & CEMENT	FINISH RIGGING UP CEMENTERS - TEST LINES @ 1500 PSI - P.I.R. 1 BPM=70 PSI, 2 BPM=166 PSI, 3 BPM=238 PSI - PUMP 102 BBLS 500 SKS 15.8 PPG 1.15 YIELD CEMENT MIXED @ 5 GAL/SK, DISPLACE WITH 21.3 BBLS WATER
04:00	0.50	04:30	5	COND MUD & CIRC	REVERSE CIRC
04:30	0.50	05:00	6	TRIPS	T.O.O.H. F/1512' T/0'
05:00	1.00	06:00	13	WAIT ON CEMENT	WOC

7-30-46 DLB 4/28/2013 06:00 - 4/29/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013517030000	Utah	Duchesne	Brundage Canyon/Lake Canyon	DRILLING	1,761.0	Drilling/Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	15.00	21:00	13	WAIT ON CEMENT	WOC
21:00	1.50	22:30	6	TRIPS	P/U MUD MOTOR - M/U BIT - T.I.H. F/0' T/1512'
22:30	7.00	05:30	2	DRILL ACTUAL	DRILL OUT CEMENT RETAINER @ 1512 W/318 GPM, 25 RPM, & 8K WT ON BIT - TAG CEMENT @ 1682' DRILL CEMENT F/1682' T/1800' W/318 GPM 25 RPM, 10K WT ON BIT - DRLG CEMENT F/1800' T/2757' W/440 GPM, 50 RPM, 0-1K WT ON BIT - FULL RETURNS NO LOSSES
05:30	0.50	06:00	7	LUBRICATE RIG	RIG SERVICE

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corp Rig Name/# Nabors M22
Submitted By Pat Clark Phone Number 303-353-5350
Well Name/Number 7-30-46 DLB
Qtr/Qtr NW/NE Section 30 Township 4S Range 6W
Lease Serial Number _____
API Number 43-013-51703

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ AM PM

Casing – Please report time casing run starts, not cementing times.

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

Date/Time 5/4/13 11:00 AM PM

BOPE

- Initial BOPE test at surface casing point
- BOPE test at intermediate casing point
- 30 day BOPE test
- Other

RECEIVED
MAY 02 2013
DIV. OF OIL, GAS & MINING

Date/Time _____ AM PM

Remarks All times are estimated.

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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: Fee	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Uintah	
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: 7-30-46 DLB	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43013517030000	
PHONE NUMBER: 303 312-8134 Ext		9. FIELD and POOL or WILDCAT: ALTAMONT	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1298 FNL 1860 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 30 Township: 04.0S Range: 06.0W Meridian: U		COUNTY: DUCHESNE	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 5/31/2013	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
Attached is the May 2013 Drilling Activity for this well.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 06, 2013			
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst	
SIGNATURE N/A		DATE 6/5/2013	

**7-30-46 DLB 5/1/2013 06:00 - 5/2/2013 06:00**

API/UWI 43013517030000	State/Province Utah	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status COMPLETION	Total Depth (ftKB) 7,227.0	Primary Job Type Drilling/Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.00	09:00	2	DRILL ACTUAL	Steerable Drilling 4693' - 4947'.
09:00	2.50	11:30	20	DIRECTIONAL WORK	Troubleshoot MWD.
11:30	6.00	17:30	2	DRILL ACTUAL	Steerable Drilling 4947' - 5390'.
17:30	0.50	18:00	7	LUBRICATE RIG	Rig Service. Check COM.
18:00	11.50	05:30	2	DRILL ACTUAL	Steerable Drilling 5390' - 6623'.
05:30	0.50	06:00	7	LUBRICATE RIG	Rig Service.

7-30-46 DLB 5/2/2013 06:00 - 5/3/2013 06:00

API/UWI 43013517030000	State/Province Utah	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status COMPLETION	Total Depth (ftKB) 7,227.0	Primary Job Type Drilling/Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.50	12:30	2	DRILL ACTUAL	Steerable Drlg 6623' - 7227'. Td well.
12:30	1.00	13:30	5	COND MUD & CIRC	C&C f/ST. Pump sweep.
13:30	3.50	17:00	6	TRIPS	ST to 4400'. Hole in good shape, took correct amount of fluid. BOP Drill on trip, flow check.
17:00	1.00	18:00	5	COND MUD & CIRC	C&C f/Toh f/logs. Pump sweep.
18:00	4.00	22:00	6	TRIPS	Toh f/logs. Hole in good shape, took correct amount of fluid.
22:00	1.50	23:30	20	DIRECTIONAL WORK	LD dir tools.
23:30	6.50	06:00	11	WIRELINE LOGS	HSM. Log well - ran Dual Lateralog, Spectral Density, Dual Spaced Neutron, Gamma, Sonic Array, Micro Spherically Focused log. Logger's TD - 7224'. RD loggers.

7-30-46 DLB 5/3/2013 06:00 - 5/4/2013 06:00

API/UWI 43013517030000	State/Province Utah	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status COMPLETION	Total Depth (ftKB) 7,227.0	Primary Job Type Drilling/Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	11	WIRELINE LOGS	RD loggers.
07:00	5.00	12:00	6	TRIPS	PU bit, bit sub, tih. Trip went good, 3' fill.
12:00	1.50	13:30	5	COND MUD & CIRC	C&C f/csg. Run sweep, pump pill. No gas on bottoms up.
13:30	7.00	20:30	6	TRIPS	LDDP & DC's.
20:30	0.50	21:00	21	OPEN	Pull wear bushing.
21:00	6.00	03:00	12	RUN CASING & CEMENT	HSM. R/U Frank's Westates casers and run 5 1/2", 17#, P-110, LTC Csg as follows: FS, 2jts csg, FC, 10 jts csg, MJ @ 6710', 16 jts csg, MJ @ 6026', 30 jts csg, MJ @ 4764', 111 jts csg(169 total). R/D Casers.
03:00	3.00	06:00	5	COND MUD & CIRC	Fill pipe, no circulation. Pump w/low strokes(130 gpm), build 9 ppg mud, still no circ. Lost approx 350 bbls.

7-30-46 DLB 5/4/2013 06:00 - 5/5/2013 06:00

API/UWI 43013517030000	State/Province Utah	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status COMPLETION	Total Depth (ftKB) 7,227.0	Primary Job Type Drilling/Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	5	COND MUD & CIRC	Circ, try to regain circ, no returns.
07:00	3.50	10:30	12	RUN CASING & CEMENT	HSM. RU HES and cement well as follows: pump 5 bbls fresh water, 40 bbls super flush, 5 bbls fresh. Mix and pump 540 sx(233 bbls) lead Tuned Light cmt @ 11 ppg, 2.32 yld, 10.61 gps H2O. Tail in with 630 sx(162.6 bbls) Econocem cmt @ 13.5 ppg, 1.45 yld, 6.85 gps H2O. Drop top plug, wash lines to pit. Displace w/165.5 bbls H2O. Max press 1400 psi, bump plug to 2000 psi @ 10:30. No returns throughout cmt job. Floats held, 1.25 bbls bled back. RD HES.
10:30	1.00	11:30	21	OPEN	Raise stack, set slips w/185k. Rough cut csg.
11:30	4.50	16:00	21	OPEN	Load Bop on wrangler, clean pits. Rig released @ 16:00.

**7-30-46 DLB 5/9/2013 06:00 - 5/10/2013 06:00**

API/UWI 43013517030000	State/Province Utah	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status COMPLETION	Total Depth (ftKB) 7,227.0	Primary Job Type Drilling/Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	LOCL	Lock Wellhead & Secure	WSI And Secured. Construction Crew Working On Facilities.
08:00	2.50	10:30	IWHD	Install Wellhead	Safety Meeting With Cameron, Check Surface Casing & 5.5" For Pressure, 0 Psi On Both Sides. N/D 11" Night Cap, Cleaned And Dressed Up 5.5" Csg Top, Set And N/U 11" x 7 1/16" 5k Tbg. Head With 2 1/16" x 5k Gate Valves. Tested Hanger Seals To 7100 Psi, Good Test. Secured Well Head With 7" 5K Night Cap.
10:30	19.50	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. Construction Crew Working On Facilities.

7-30-46 DLB 5/11/2013 06:00 - 5/12/2013 06:00

API/UWI 43013517030000	State/Province Utah	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status COMPLETION	Total Depth (ftKB) 7,227.0	Primary Job Type Drilling/Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	LOCL	Lock Wellhead & Secure	WSI Shut In And Secured.
08:00	1.00	09:00	SRIG	Rig Up/Down	MIRU SLB W/L Crew And Equipment. Hold Safety Meeting. Rig Up Gauge Ring And Logging Tool.
09:00	4.00	13:00	LOGG	Logging	P/U Junk Basket/Gauge Ring. RIH, Tagged Up At 6,926', Drilling Report Shows FC At 7,130', 204' Of Fill. POOH, P/U CBL Tool, Rih To PBTD, 6,926', Correlating To HES Spectral Density/ Dual Spaced Neutron Dated 05-02-2013. Run Repeat Section From 6,926 - 6,700', Log Up Hole. Showed Good Bond From TD To 5,900, 5,900 - 3,900' Fair, 3,900 - 2,930 Ratty, TOC 2,930'. Found Short Joints At 6,682 - 6,700, 5,976 - 6,000', And 4,693 - 4,715'. Ran With Pressure. Pooh, RD Equipment, MOL.
13:00	17.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured

7-30-46 DLB 5/28/2013 06:00 - 5/29/2013 06:00

API/UWI 43013517030000	State/Province Utah	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status COMPLETION	Total Depth (ftKB) 7,227.0	Primary Job Type Drilling/Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	Finish Filling Frac Line. Set Frac Mandrel, Test. Set Frac Tree, Test Casing. Plumb In FlowBack, Test.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
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: Uintah
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: 7-30-46 DLB	
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013517030000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1298 FNL 1860 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 30 Township: 04.0S Range: 06.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/5/2013 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER
		<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
This well had first production on 06/05/2013.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 12, 2013		
NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst
SIGNATURE N/A	DATE 6/6/2013	

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: Fee	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Uintah	
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: 7-30-46 DLB	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43013517030000	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1298 FNL 1860 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 30 Township: 04.0S Range: 06.0W Meridian: U		9. FIELD and POOL or WILDCAT: ALTAMONT	
		COUNTY: DUCHESNE	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 6/30/2013	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
Attached is the June 2013 Drilling Activity for this well.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY July 11, 2013			
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst	
SIGNATURE N/A		DATE 7/9/2013	

**7-30-46 DLB 6/1/2013 06:00 - 6/2/2013 06:00**

API/UWI 43013517030000	State/Province Utah	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status PRODUCING	Total Depth (ftKB) 7,227.0	Primary Job Type Drilling/Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.50	08:30	LOCL	Lock Wellhead & Secure	WSI And Secured. Wireline Crew Arrive On Location. Hold Safety Meeting. Rig Up Lubricator, Arm Gun.
08:30	1.00	09:30	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To SD/DSN Dated 05-02-2013 And SLB CCL/CBL Dated 5-11-2013. Found And Correlated To Short Joint At 5,976 - 6,000'. Drop Down To Depth, Perforate Stage 1 CR-4A/CR-4 Zone, 6,599 - 6,871'. 51 Holes. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
09:30	4.50	14:00	SRIG	Rig Up/Down	HES Rigging Up
14:00	16.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. SDFD.

7-30-46 DLB 6/2/2013 06:00 - 6/3/2013 06:00

API/UWI 43013517030000	State/Province Utah	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status PRODUCING	Total Depth (ftKB) 7,227.0	Primary Job Type Drilling/Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.00	06:00	LOCL	Lock Wellhead & Secure	HES Crew On Location At 0400 Hrs., Prime Chemical And Fluid Pumps, Pressure Test To 9000 Psi., Ran QC On Fluid, Looks Good.
06:00	1.17	07:10	FRAC	Frac. Job	Frac Stage 4. Fluid System: Hybor G 16 Open Well, 920 Psi. ICP. BrokeDown At 9.8 Bpm And 1,316 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 72.6 Bpm And 3,150 Psi., Get ISIP, 839 Psi.. 0.58 Psi./Ft. F.G.. 34/45 Holes. Con't With SlickWater Pad, 53,176 Gals.. Stage Into Hybor Pad, 72.8 Bpm At 2,440 Psi.. On Perfs, 72.6 Bpm At 2,703 Psi., 13,459 Gals. Stage Into 2.0# 20/40 White Prop, 72.6 Bpm At 2,727 Psi.. On Perfs, 72.4 Bpm At 2,437 Psi., 6,835 Gals. Stage Into 3.0# 20/40 White Prop, 72.5 Bpm At 2,395 Psi.. On Perfs, 72.6 Bpm At 2,014 Psi., 32,345 Gals. Stage Into 3.5# 20/40 White Prop, 72.6 Bpm At 1,879 Psi.. On Perfs, 72.5 Bpm At 1,838 Psi., 7,822 Gals. Stage Into 4.0# 20/40 White Prop, 72.5 Bpm At 1,832 Psi.. On Perfs, 72.6 Bpm At 1,785 Psi., 10,540 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 1,069 Psi.. 0.61 Psi./Ft. F.G.. WSI And Secured. Total 20/40 White Prop - 173,200# Total Clean - 141,429 Gals.. 3,367 Bbls.. Produced Water - 68,414 Gals.. 2% KCL - 71,001 Gals.. BWTR - 3,560 Bbls. Max. Rate - 73.0 Bpm Avg. Rate - 72.5 Bpm Max. Psi. - 2,736 Psi. Avg. Psi. - 1,989 Psi.
07:20	0.00	07:20	SMTG	Safety Meeting	Safety Meeting. Talk About Smoking Area, PPE, Escape And Mustering Areas, Communication, And Red Zone.
07:10	0.17	07:20	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.



Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
08:30	0.17	08:40	FRAC	Frac. Job	<p>Frac Stage 1. Fluid System: Hybor G 16 Open Well, 126 Psi. ICP. BrokeDown At 9.8 Bpm And 2,649 Psi.. Pump 3900 Gals. 15% HCL And 102 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 70.3 Bpm And 2,987 Psi., Get ISIP, 1,273 Psi.. 0.63 Psi./Ft. F.G.. 44/51 Holes. Con't With SlickWater Pad, 45,296 Gals.. Stage Into Hybor Pad, 73.1 Bpm At 2,615 Psi.. On Perfs, 73.1 Bpm At 2,903 Psi., 11,342 Gals. Stage Into 2.0# 20/40 White Prop, 73.1 Bpm At 2,924 Psi.. On Perfs, 72.8 Bpm At 2,650 Psi., 7,501 Gals. Stage Into 3.0# 20/40 White Prop, 72.6 Bpm At 2,629 Psi.. On Perfs, 72.6 Bpm At 2,382 Psi., 21,879 Gals. Stage Into 3.5# 20/40 White Prop, 7262 Bpm At 2,296 Psi.. On Perfs, 72.6 Bpm At 2,242 Psi., 8,524 Gals. Stage Into 4.0# 20/40 White Prop, 72.6 Bpm At 2,237 Psi.. On Perfs, 72.5 Bpm At 2,185 Psi., 9,019 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 1,611 Psi.. 0.68 Psi./Ft. F.G.. WSI And Secured. Total 20/40 White Prop - 140,300# Total Clean - 122,265 Gals.. 2,911 Bbls.. Produced Water - 61,965 Gals.. 2% KCL - 58,265 Gals.. BWTR - 3,068 Bbls. Max. Rate - 73.3 Bpm Avg. Rate - 72.7 Bpm Max. Psi. - 2,941 Psi. Avg. Psi. - 2,469 Psi.</p>
07:20	1.16	08:30	PFRT	Perforating	<p>RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To SD/DSN Dated 05- 02-2013 And SLB CCL/CBL Dated 5-11-2013. Found And Correlated To Short Joint At 4,693 - 4,715'. Drop Down To Depth, Set CBP At 5,1927'. 900 Psi. Perforate Stage 5 CR-1/UteLand Butte Zone, 5,690 - 5,907'. 45 Holes. 700 Psi. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.</p>
08:45	0.17	08:55	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
08:40	0.08	08:45	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.
08:55	1.08	10:00	PFRT	Perforating	<p>RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To SD/DSN Dated 05- 02-2013 And SLB CCL/CBL Dated 5-11-2013. Found And Correlated To Short Joint At 5,976 - 6,000'. Drop Down To Depth, Set CBP At 6,592'. 1,300 Psi. Perforate Stage 2 CR-3 Zone, 6,388 - 6,572'. 42 Holes. 1,250 Psi. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.</p>



Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
10:00	1.25	11:15	FRAC	Frac. Job	<p>Frac Stage 5. Fluid System: Hybor G 16 Open Well, 620 Psi. ICP. BrokeDown At 10.2 Bpm And 725 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 72.0 Bpm And 2,404 Psi., Get ISIP, 680 Psi.. 0.56 Psi./Ft. F.G.. 34/45 Holes. Con't With SlickWater Pad, 53,224 Gals.. Stage Into .75# 100 Mesh Pad, 72.0 Bpm At 2,091 Psi.. On Perfs, 72.2 Bpm At 2,309 Psi., 19,794 Gals. Stage Into 1.0# 20/40 White Prop, 72.4 Bpm At 2,157 Psi.. On Perfs, 72.3 Bpm At 2,012 Psi., 6,591 Gals. Stage Into 2.0# 20/40 White Prop, 72.3 Bpm At 1,992 Psi.. On Perfs, 72.3 Bpm At 1,801 Psi., 6,664 Gals. Stage Into 3.0# 20/40 White Prop, 72.3 Bpm At 1,788 Psi.. On Perfs, 72.4 Bpm At 1,650 Psi., 28,142 Gals. Stage Into 3.5# 20/40 White Prop, 72.4 Bpm At 1,552 Psi.. On Perfs, 72.5 Bpm At 1,501 Psi., 7,607 Gals. Stage Into 4.0# 20/40 White Prop, 72.5 Bpm At 1,491 Psi.. On Perfs, 72.4 Bpm At 1,461 Psi., 8,676 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 806 Psi.. 0.58 Psi./Ft. F.G.. WSI And Secured. 100 Mesh - 14,500# Total 20/40 White Prop - 158,300# Total Clean - 147,392 Gals.. 3,509 Bbls.. Produced Water - 67,944 Gals. 2% KCL - 77,474 Gals.. BWTR - 3,716 Bbls. Max. Rate - 72.5 Bpm Avg. Rate - 72.3 Bpm Max. Psi. - 2,485 Psi. Avg. Psi. - 1,956 Psi.</p>
11:25	0.08	11:30	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.
11:15	0.17	11:25	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
12:30	1.09	13:35	FRAC	Frac. Job	<p>Frac Stage 2. Fluid System: Hybor G 16 Open Well, 1,191 Psi. ICP. BrokeDown At 10.1 Bpm And 1,429 Psi.. Pump 3900 Gals. 15% HCL And 84 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 72.9 Bpm And 3,840 Psi., Get ISIP, 1,260 Psi.. 0.63 Psi./Ft. F.G.. 34/42 Holes. Con't With SlickWater Pad, 48,425 Gals.. Stage Into Hybor Pad, 72.9 Bpm At 2,920 Psi.. On Perfs, 72.6 Bpm At 3,241 Psi., 12,237 Gals. Stage Into 2.0# 20/40 White Prop, 72.6 Bpm At 3,241 Psi.. On Perfs, 72.2 Bpm At 2,853 Psi., 7,283 Gals. Stage Into 3.0# 20/40 White Prop, 72.2 Bpm At 2,807 Psi.. On Perfs, 72.1 Bpm At 2,433 Psi., 25,850 Gals. Stage Into 3.5# 20/40 White Prop, 72.1 Bpm At 2,268 Psi.. On Perfs, 72.1 Bpm At 2,212 Psi., 8,261 Gals. Stage Into 4.0# 20/40 White Prop, 72.1 Bpm At 2,204 Psi.. On Perfs, 72.0 Bpm At 2,153 Psi., 8,766 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 1,465 Psi.. 0.67 Psi./Ft. F.G.. WSI And Secured. Total 20/40 White Prop - 149,900# Total Clean - 128,839 Gals.. 3,068 Bbls.. Produced Water - 64,471 Gals.. 2% KCL - 62,397 Gals.. BWTR - 3,239 Bbls. Max. Rate - 72.9 Bpm Avg. Rate - 72.1 Bpm Max. Psi. - 3,244 Psi. Avg. Psi. - 2,430 Psi.</p>
11:30	1.00	12:30	PFRT	Perforating	<p>RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf. .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To SD/DSN Dated 05-02-2013 And SLB CCL/CBL Dated 5-11-2013. Found And Correlated To Short Joint At 4,693 - 4,715'. Drop Down To Depth, Set CBP At 5,677'. 700 Psi. Perforate Stage 6 Castle Peak/Black Shale Facies Zone, 5,371 - 5,664'. 45 Holes. 550 Psi. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.</p>
13:35	0.17	13:45	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.



Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
13:45	12.92	02:40	LOCL	Lock Wellhead & Secure	WSI And Secured. SDFD.
02:40	1.00	03:40	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To SD/DSN Dated 05-02-2013 And SLB CCL/CBL Dated 5-11-2013. Found And Correlated To Short Joint At 5,976 - 6,000'. Drop Down To Depth, Set CBP At 6,386'. 1,200 Psi. Perforate Stage 3 CR-3/CR-2 Zone, 6,180 - 6,365'. 36 Holes. 1,150 Psi. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
03:40	0.08	03:45	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.
03:45	1.08	04:50	FRAC	Frac. Job	Frac Stage 3. Fluid System: Hybor G 16 Open Well, 1,076 Psi. ICP. BrokeDown At 9.8 Bpm And 1,260 Psi.. Pump 3900 Gals. 15% HCL And 72 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 72.6 Bpm And 3,340 Psi., Get ISIP, 1,130 Psi.. 0.62 Psi./Ft. F.G.. 35/36 Holes. Con't With SlickWater Pad, 48,387 Gals.. Stage Into Hybor Pad, 73.0 Bpm At 2,793 Psi.. On Perfs, 72.6 Bpm At 3,000 Psi., 12,204 Gals. Stage Into 2.0# 20/40 White Prop, 72.6 Bpm At 3,032 Psi.. On Perfs, 72.4 Bpm At 2,741 Psi., 7,042 Gals. Stage Into 3.0# 20/40 White Prop, 72.5 Bpm At 2,687 Psi.. On Perfs, 72.4 Bpm At 2,356 Psi., 26,635 Gals. Stage Into 3.5# 20/40 White Prop, 72.4 Bpm At 2,169 Psi.. On Perfs, 72.4 Bpm At 2,106 Psi., 8,271 Gals. Stage Into 4.0# 20/40 White Prop, 72.4 Bpm At 2,105 Psi.. On Perfs, 72.4 Bpm At 2,055 Psi., 8,187 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 1,349 Psi.. 0.65 Psi./Ft. F.G.. WSI And Secured. Total 20/40 White Prop - 150,200# Total Clean - 128,205 Gals.. 3,053 Bbls.. Produced Water - 64,011 Gals.. 2% KCL - 62,339 Gals.. BWTR - 3,217 Bbls. Max. Rate - 73.0 Bpm Avg. Rate - 72.6 Bpm Max. Psi. - 3,035 Psi. Avg. Psi. - 2,565 Psi.
04:50	0.17	05:00	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
05:00	0.92	05:55	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To SD/DSN Dated 05-02-2013 And SLB CCL/CBL Dated 5-11-2013. Found And Correlated To Short Joint At 5,976 - 6,000'. Drop Down To Depth, Set CBP At 6,164'. 1,150 Psi. Perforate Stage 4 CR-2/Wasatch Zone, 5,933 - 6,147'. 45 Holes. 950 Psi. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
05:55	0.08	06:00	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.

7-30-46 DLB 6/3/2013 06:00 - 6/4/2013 06:00

API/UWI 43013517030000	State/Province Utah	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status PRODUCING	Total Depth (ftKB) 7,227.0	Primary Job Type Drilling/Completion
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Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.47	06:28	LOCL	Lock Wellhead & Secure	HES Crew On Location At 0400 Hrs., Prime Chemical And Fluid Pumps, Pressure Test To 9000 Psi., Ran QC On Fluid, Looks Good.
06:28	0.45	06:55	SMTG	Safety Meeting	Safety Meeting. Talk About Smoking Area, PPE, Escape And Mustering Areas, Communication, And Red Zone.



Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:55	1.17	08:05	FRAC	Frac. Job	<p>Frac Stage 6. Fluid System: Hybor G 16 Open Well, 416 Psi. ICP. BrokeDown At 10.0 Bpm And 670 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 72.4 Bpm And 2,513 Psi., Get ISIP, 583 Psi.. 0.54 Psi./Ft. F.G.. 34/45 Holes. Con't With SlickWater Pad, 51,630 Gals.. Stage Into .75# 100 Mesh Pad, 72.3 Bpm At 1,900 Psi.. On Perfs, 72.3 Bpm At 2,039 Psi., 19,172 Gals. Stage Into 1.0# 20/40 White Prop, 72.3 Bpm At 2,067 Psi.. On Perfs, 72.2 Bpm At 1,867 Psi., 6,350 Gals. Stage Into 2.0# 20/40 White Prop, 72.2 Bpm At 1,846 Psi.. On Perfs, 72.2 Bpm At 1,706 Psi., 6,293 Gals. Stage Into 3.0# 20/40 White Prop, 72.2 Bpm At 1,684 Psi.. On Perfs, 72.2 Bpm At 1,555 Psi., 30,253 Gals. Stage Into 3.5# 20/40 White Prop, 72.2 Bpm At 1,473 Psi.. On Perfs, 72.2 Bpm At 1,433 Psi., 7,250 Gals. Stage Into 4.0# 20/40 White Prop, 72.2 Bpm At 1,430 Psi.. On Perfs, 72.3 Bpm At 1,403 Psi., 7,943 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 906 Psi.. 0.60 Psi./Ft. F.G.. WSI And Secured. 100 Mesh - 14,400# Total 20/40 White Prop - 160,100# Total Clean - 145,452 Gals.. 3,463 Bbls.. Produced Water - 66,198 Gals. 2% KCL - 77,261 Gals.. BWTR - 3,673 Bbls. Max. Rate - 72.7 Bpm Avg. Rate - 72.2 Bpm Max. Psi. - 2,268 Psi. Avg. Psi. - 1,684 Psi.</p>
08:05	0.25	08:20	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
08:20	0.75	09:05	PFRT	Perforating	<p>RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To SD/DSN Dated 05- 02-2013 And SLB CCL/CBL Dated 5-11-2013. Found And Correlated To Short Joint At 4,693 - 4,715'. Drop Down To Depth, Set CBP At 5,279'. 500 Psi. Perforate Stage 7 Black Shale Facies/3PT MKR Zone, 5,104 - 5,259'. 33 Holes. 150 Psi. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.</p>
09:05	0.17	09:15	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.
09:15	1.00	10:15	FRAC	Frac. Job	<p>Frac Stage 7. Fluid System: Hybor G 16 Open Well, 93 Psi. ICP. BrokeDown At 9.5 Bpm And 1,399 Psi.. Pump 3900 Gals. 15% HCL And 66 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 50.4 Bpm And 1,892 Psi., Get ISIP, 911 Psi.. 0.61 Psi./Ft. F.G.. 31/33 Holes. Con't With SlickWater Pad, 29,046 Gals.. Stage Into .75# 100 Mesh Pad, 50.2 Bpm At 1,882 Psi.. On Perfs, 50.2 Bpm At 1,958 Psi., 11,199 Gals. Stage Into 1.0# 20/40 White Prop, 50.2 Bpm At 1,966 Psi.. On Perfs, 50.2 Bpm At 1,905 Psi., 5,996 Gals. Stage Into 2.0# 20/40 White Prop, 50.2 Bpm At 1,880 Psi.. On Perfs, 50.1 Bpm At 1,710 Psi., 5,975 Gals. Stage Into 3.0# 20/40 White Prop, 50.1 Bpm At 1,689 Psi.. On Perfs, 50.2 Bpm At 1,540 Psi., 7,981 Gals. Stage Into 3.5# 20/40 White Prop, 50.2 Bpm At 1,524 Psi.. On Perfs, 50.2 Bpm At 1,43387 Psi., 7,030 Gals. Stage Into 4.0# 20/40 White Prop, 50.2 Bpm At 1,485 Psi.. On Perfs, 50.2 Bpm At 1,449 Psi., 5,891 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 1,041 Psi.. 0.64 Psi./Ft. F.G.. WSI And Secured. 100 Mesh - 8,800# Total 20/40 White Prop - 88,300# Total Clean - 87,951 Gals.. 2,094 Bbls.. Produced Water - 42,221 Gals. 2% KCL - 44,072 Gals.. BWTR - 2,207 Bbls. Max. Rate - 50.5 Bpm Avg. Rate - 50.2 Bpm Max. Psi. - 1,989 Psi. Avg. Psi. - 1,758 Psi.</p>

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
10:15	0.50	10:45	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
10:45	0.75	11:30	PFRT	Perforating	RIH With 3 1/8" Sinker Bar And CBP Plug Assembly. Correlating To SD/DSN Dated 05-02-2013 And SLB CCL/CBL Dated 5-11-2013. Found And Correlated To Short Joint At 4,693 - 4,715'. Drop Down To Depth, Set CBP At 5,279'. 800 Psi. Bleed Pressure Off Well. POOH. LayDown Tools, WSI And Secured.
11:30	3.00	14:30	SRIG	Rig Up/Down	RigDown WireLine And Frac Crews, MOL.
14:30	15.50	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. Batch Water. Start Moving Tanks.

7-30-46 DLB 6/4/2013 06:00 - 6/5/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013517030000	Utah	Duchesne	Brundage Canyon/Lake Canyon	PRODUCING	7,227.0	Drilling/Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.00	09:00	LOCL	Lock Wellhead & Secure	WELL SHUT IN AND SECURE WAITING ON RIG TO MOVE IN.
09:00	2.00	11:00	RMOV	Rig Move	ROAD RIG FROM 9-10-3-2 TO LOCATION
11:00	1.50	12:30	SRIG	Rig Up/Down	RUSU. CHECK PRESSURE. ND FRAC VALVES. NU 7" 5K BOP AND HYDRIL. RU FLOOR.
12:30	2.00	14:30	GOP	General Operations	SPOT HYD WALK AND RACKS. UNLOAD AND TALLY 230-JTS 2-7/8" L-80 TBG.
14:30	3.00	17:30	RUTB	Run Tubing	MU 4-3/4" BIT, POBS, 1-JT TBG, 2.31 XN NIPPLE. RIH AS PU 158-JTS 2-7/8" L-80 TBG TO TAG KILL PLUG.
17:30	1.50	19:00	GOP	General Operations	RU PWR SWIVEL. FILL TBG. PRES TEST TO 2500 PSI. GOOD. SDFN
19:00	11.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SHUT IN AND SECURE.

7-30-46 DLB 6/5/2013 06:00 - 6/6/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013517030000	Utah	Duchesne	Brundage Canyon/Lake Canyon	PRODUCING	7,227.0	Drilling/Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HOLD SAFETY MEETING.
07:00	12.00	19:00	DOPG	Drill Out Plugs	BREAK CIRC W/ WATER. D/O KILL PLUG @ 5050'. LOST CIRC. BREAK CIRC W/ WEATHERFORD NITROGEN FOAM UNIT. SWIVEL IN HOLE, TAG SAND @ 5261'. C/O SAND & D/O CBP @ 5279'. SWIVEL IN HOLE, TAG SAND @ 5652'. C/O SAND & D/O CBP @ 5677'. SWIVEL IN HOLE, TAG SAND @ 5907'. C/O SAND & D/O CBP @ 5927'. SWIVEL IN HOLE, TAG SAND @ 6246'. C/O SAND & D/O CBP @ 6264'. SWIVEL IN HOLE, TAG SAND @ 6365'. C/O SAND & D/O CBP @ 6386'. SWIVEL IN HOLE, TAG SAND @ 6573'. C/O SAND & D/O CBP @ 6592'. SWIVEL IN HOLE, TAG SAND @ 6804'. C/O SAND TO FLOAT COLLAR @ 7129' PBTD. 259' OF RAT HOLE. JT 224 ALL THE WAY IN. CIRC WELL CLEAN. R/D SWIVEL. '.
19:00	1.00	20:00	PULT	Pull Tubing	PULL ABOVE PERFS. OPEN CSG TO SALES. TURN WELL OVER TO FLOW BACK. SDFN.
20:00	10.00	06:00	LOCL	Lock Wellhead & Secure	WELL SECURE. CREW TRAVEL.

7-30-46 DLB 6/6/2013 06:00 - 6/7/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013517030000	Utah	Duchesne	Brundage Canyon/Lake Canyon	PRODUCING	7,227.0	Drilling/Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HOLD SAFETY MEETING.
07:00	1.00	08:00	RUTB	Run Tubing	FCP- 400. KILL TBG W/ 20 BBLS. RIH F/ TOP OF PERFS W/ 4-3/4 BIT TO FLOAT COLLAR @ 7129' PBTB, NO FILL.
08:00	1.50	09:30	PULT	Pull Tubing	POOH L/D 2-7/8 TBG TO 4916' & LAND TBG. 154 JTS IN HOLE.
09:30	2.50	12:00	IWHD	Install Wellhead	R/D FLOOR & EQUIPMENT. N/D BOPE. N/U WELLHEAD. DROP BALL DOWN TBG & PUMPED BIT OFF. R/U TBG TO SALES LINE. TURN WELL OVER TO FLOW BACK.
12:00	1.00	13:00	SRIG	Rig Up/Down	R/D RIG & EQUIPMENT.
13:00	2.00	15:00	RMOV	Rig Move	ROAD RIG TO 5-9D-36 BTR. SDFN
15:00	15.00	06:00	CTRL	Crew Travel	CREW TRAVEL.

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

AMENDED REPORT FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
b. TYPE OF WORK: NEW WELL <input checked="" type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Uintah & Ouray
2. NAME OF OPERATOR: BILL BARRETT CORP		7. UNIT or CA AGREEMENT NAME
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 230 (CITY Denver STATE CO ZIP 80202)		8. WELL NAME and NUMBER: 7-30-46 DLB
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1298 FNL 1860 FEL AT TOP PRODUCING INTERVAL REPORTED BELOW: 1387 FNL 2048 FEL AT TOTAL DEPTH: 1409 FNL 2067 FEL		9. API NUMBER: 4301351703
PHONE NUMBER: (303) 312-8597		10. FIELD AND POOL, OR WILDCAT ALTAMONT
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 30 4S 6W U		12. COUNTY DUCHESNE
13. STATE UTAH		

14. DATE SPURRED: 4/13/2013	15. DATE T.D. REACHED: 5/2/2013	16. DATE COMPLETED: 6/5/2013	ABANDONED <input type="checkbox"/> READY TO PRODUCE <input checked="" type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL): 7281 GL
18. TOTAL DEPTH: MD 7,249 TVD 7,236	19. PLUG BACK T.D.: MD 7,131 TVD 7,118	20. IF MULTIPLE COMPLETIONS, HOW MANY? *		21. DEPTH BRIDGE MD PLUG SET: TVD
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) MUD, CBL, GR, TEMP			23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> (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
26	16 Con	65	0	80	80				
12 1/4	9 5/8 J-55	36	0	1,761	1,751	Lead 240	135	0	
						Tail 240	58		
8 3/4	5 1/2 P-11	17	0	7,249	7,227	Lead 540	233	3012	
						Tail 630	163		

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 7/8	4,917							

26. PRODUCING INTERVALS					27. PERFORATION RECORD				
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
(A) Green River	5,104	5,907			5,104 5,907	.38	123	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(B) Wasatch	5,933	6,871			5,933 6,871	.38	174	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
5104-5907	Green River: See attached Stage 5-7
5933-6871	Wasatch: See attached Stage 1-4
1682-3084	Cement Squeeze: Retainer set at 1512

29. ENCLOSED ATTACHMENTS: <input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION	<input type="checkbox"/> GEOLOGIC REPORT <input type="checkbox"/> CORE ANALYSIS	<input type="checkbox"/> DST REPORT <input type="checkbox"/> OTHER: _____	<input checked="" type="checkbox"/> DIRECTIONAL SURVEY	30. WELL STATUS: POW
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31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 6/5/2013		TEST DATE: 6/9/2013		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL – BBL: 134	GAS – MCF: 37	WATER – BBL: 477	PROD. METHOD: Flowing
CHOKE SIZE: 26/64	TBG. PRESS. 150	CSG. PRESS. 500	API GRAVITY 52.00	BTU – GAS 1	GAS/OIL RATIO 276	24 HR PRODUCTION RATES: →	OIL – BBL: 134	GAS – MCF: 37	WATER – BBL: 477	INTERVAL STATUS:

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.)

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.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Green River	1,832
				Mahogany	2,497
				TGR3	3,579
				Douglas Creek	4,396
				Black Shale Facies	5,192
				Castle Peak	5,401
				Wasatch	5,932
				TD	7,249

35. ADDITIONAL REMARKS (Include plugging procedure)

TOC calculated by CBL, Conductor with grout. First GAS Sales 6/5/2013

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Christina Hirtler TITLE Administrative Assistant
 SIGNATURE Electronic Submission DATE 7/1/2013

This report must be submitted within 30 days of

- completing or plugging a new well
- reentering a previously plugged and abandoned well
- drilling horizontal laterals from an existing well bore
- significantly deepening an existing well bore below the previous bottom-hole depth
- recompleting to a different producing formation
- 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 Phone: 801-538-5340
 1594 West North Temple, Suite 1210
 Box 145801 Fax: 801-359-3940
 Salt Lake City, Utah 84114-5801

7-30-46 DBL Completion Report Continued*

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)				
AMOUNT AND TYPE OF MATERIAL				
<u>Stage</u>	<u>BBS Slurry</u>	<u>lbs 100 Common Mesh</u>	<u>lbs 20/40 White Sand</u>	<u>gal 15% HCl Acid</u>
1	2911		140300	4102
2	3068		149900	3943
3	3053		150200	3709
4	3367		173200	4020
5	3509	14500	158300	3945
6	3464	14400	160100	3989
7	2094	8860	88360	3309

*Depth intervals for frac information same as perforation record intervals.



Design Report for 7-30-46 DLB - Sperry Final Surveys

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00
216.00	0.79	272.880	215.99	0.07	-1.49	0.07	0.37
First Sperry MWD Survey @ 216.00' MD							
309.00	0.66	220.070	308.99	-0.30	-2.47	-0.30	0.70
403.00	0.42	356.000	402.98	-0.37	-2.84	-0.37	1.07
494.00	0.51	23.030	493.98	0.33	-2.71	0.33	0.26
585.00	0.37	208.670	584.98	0.45	-2.69	0.45	0.97
677.00	0.12	279.660	676.98	0.20	-2.93	0.20	0.38
768.00	0.94	74.580	767.98	0.42	-2.30	0.42	1.15
860.00	1.31	86.670	859.96	0.68	-0.53	0.68	0.48
955.00	0.50	23.280	954.95	1.12	0.72	1.12	1.24
1,050.00	0.67	345.670	1,049.94	2.04	0.75	2.04	0.43
1,145.00	0.15	15.560	1,144.94	2.70	0.64	2.70	0.57
1,240.00	0.21	233.970	1,239.94	2.72	0.54	2.72	0.36
1,335.00	0.19	222.270	1,334.94	2.50	0.29	2.50	0.05
1,428.00	0.44	196.270	1,427.94	2.04	0.09	2.04	0.30
1,523.00	0.58	189.870	1,522.93	1.22	-0.10	1.22	0.16
1,618.00	0.72	184.750	1,617.93	0.15	-0.23	0.15	0.16
1,692.00	0.83	174.300	1,691.92	-0.85	-0.22	-0.85	0.24
1,834.00	1.52	161.240	1,833.89	-3.65	0.49	-3.65	0.52
1,928.00	0.54	144.930	1,927.87	-5.20	1.15	-5.20	1.08
2,023.00	0.47	352.110	2,022.87	-5.18	1.35	-5.18	1.03
2,117.00	1.21	342.710	2,116.86	-3.85	1.00	-3.85	0.80
2,212.00	0.96	334.730	2,211.85	-2.17	0.37	-2.17	0.31
2,307.00	1.01	321.860	2,306.83	-0.79	-0.49	-0.79	0.24
2,402.00	1.14	322.750	2,401.82	0.62	-1.58	0.62	0.14
2,497.00	0.51	254.980	2,496.81	1.26	-2.56	1.26	1.11
2,592.00	0.92	162.400	2,591.80	0.42	-2.74	0.42	1.13
2,687.00	1.11	163.770	2,686.79	-1.19	-2.25	-1.19	0.20
2,774.00	0.92	186.250	2,773.77	-2.69	-2.09	-2.69	0.50
2,869.00	0.79	233.210	2,868.76	-3.84	-2.70	-3.84	0.73
2,964.00	1.01	254.390	2,963.75	-4.46	-4.03	-4.46	0.42
3,059.00	1.70	264.960	3,058.72	-4.81	-6.24	-4.81	0.77
3,154.00	2.56	271.040	3,153.66	-4.89	-9.77	-4.89	0.93
3,249.00	3.54	268.690	3,248.52	-4.92	-14.82	-4.92	1.04
3,344.00	4.33	265.200	3,343.30	-5.29	-21.32	-5.29	0.87
3,439.00	5.11	262.030	3,437.98	-6.17	-29.09	-6.17	0.87
3,534.00	5.15	258.910	3,532.60	-7.58	-37.46	-7.58	0.30
3,629.00	5.09	255.040	3,627.22	-9.49	-45.72	-9.49	0.37
3,724.00	5.67	250.790	3,721.80	-12.12	-54.22	-12.12	0.74
3,819.00	6.76	248.260	3,816.24	-15.74	-63.85	-15.74	1.18
3,914.00	7.73	246.480	3,910.48	-20.36	-74.90	-20.36	1.05
4,009.00	8.54	243.920	4,004.52	-26.01	-87.09	-26.01	0.93
4,104.00	9.55	241.810	4,098.34	-32.83	-100.37	-32.83	1.12
4,199.00	9.91	239.820	4,191.97	-40.66	-114.39	-40.66	0.52
4,294.00	9.72	238.220	4,285.58	-49.00	-128.27	-49.00	0.35
4,389.00	8.99	236.890	4,379.32	-57.28	-141.31	-57.28	0.80
4,452.00	8.10	235.720	4,441.62	-62.47	-149.10	-62.47	1.44
4,515.00	6.62	232.040	4,504.10	-67.20	-155.63	-67.20	2.46
4,579.00	5.41	234.960	4,567.75	-71.20	-161.01	-71.20	1.95



Design Report for 7-30-46 DLB - Sperry Final Surveys

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
4,642.00	4.07	232.940	4,630.53	-74.25	-165.22	-74.25	2.14
4,705.00	3.63	229.610	4,693.39	-76.89	-168.53	-76.89	0.78
4,769.00	3.71	228.160	4,757.26	-79.59	-171.61	-79.59	0.19
4,832.00	3.81	226.600	4,820.12	-82.38	-174.65	-82.38	0.23
4,895.00	3.49	235.430	4,882.99	-84.91	-177.75	-84.91	1.03
4,959.00	3.44	249.840	4,946.88	-86.68	-181.16	-86.68	1.36
5,022.00	3.97	251.200	5,009.74	-88.03	-185.00	-88.03	0.85
5,085.00	1.92	247.260	5,072.66	-89.14	-188.03	-89.14	3.27
5,149.00	1.17	220.910	5,136.64	-90.05	-189.45	-90.05	1.59
5,213.00	1.78	195.550	5,200.61	-91.50	-190.15	-91.50	1.37
5,275.00	1.88	196.570	5,262.58	-93.41	-190.69	-93.41	0.17
5,339.00	1.61	204.230	5,326.55	-95.23	-191.36	-95.23	0.56
5,401.00	1.26	237.420	5,388.53	-96.39	-192.29	-96.39	1.43
5,464.00	1.29	260.380	5,451.52	-96.88	-193.58	-96.88	0.81
5,527.00	0.66	297.050	5,514.51	-96.84	-194.60	-96.84	1.36
5,591.00	0.62	301.180	5,578.51	-96.49	-195.22	-96.49	0.10
5,654.00	0.67	235.830	5,641.50	-96.52	-195.82	-96.52	1.11
5,717.00	0.80	208.290	5,704.50	-97.12	-196.33	-97.12	0.59
5,781.00	1.15	194.810	5,768.49	-98.13	-196.71	-98.13	0.65
5,844.00	0.74	211.470	5,831.48	-99.09	-197.08	-99.09	0.78
5,907.00	1.05	218.060	5,894.47	-99.89	-197.65	-99.89	0.52
5,971.00	0.74	250.810	5,958.47	-100.49	-198.40	-100.49	0.92
6,034.00	0.38	214.600	6,021.46	-100.79	-198.91	-100.79	0.77
6,097.00	0.69	202.390	6,084.46	-101.32	-199.17	-101.32	0.52
6,161.00	0.98	188.580	6,148.45	-102.21	-199.40	-102.21	0.55
6,224.00	0.68	209.500	6,211.45	-103.07	-199.66	-103.07	0.67
6,287.00	0.46	253.140	6,274.44	-103.47	-200.09	-103.47	0.75
6,351.00	0.62	229.970	6,338.44	-103.77	-200.60	-103.77	0.42
6,414.00	0.67	215.680	6,401.44	-104.29	-201.07	-104.29	0.27
6,477.00	0.88	211.700	6,464.43	-105.00	-201.54	-105.00	0.34
6,541.00	1.14	210.820	6,528.42	-105.96	-202.13	-105.96	0.41
6,604.00	1.07	212.480	6,591.41	-107.00	-202.77	-107.00	0.12
6,667.00	1.24	215.310	6,654.40	-108.05	-203.48	-108.05	0.28
6,730.00	0.76	234.680	6,717.39	-108.85	-204.21	-108.85	0.92
6,793.00	0.62	236.200	6,780.38	-109.28	-204.83	-109.28	0.22
6,857.00	0.79	209.820	6,844.38	-109.85	-205.34	-109.85	0.57
6,920.00	1.01	209.700	6,907.37	-110.71	-205.83	-110.71	0.35
6,983.00	0.36	229.550	6,970.36	-111.32	-206.26	-111.32	1.08
7,046.00	0.40	322.330	7,033.36	-111.28	-206.54	-111.28	0.87
7,109.00	0.34	308.630	7,096.36	-110.99	-206.82	-110.99	0.17
7,176.00	0.27	253.900	7,163.36	-110.91	-207.13	-110.91	0.43
Last Sperry MWD Survey @ 7176.00' MD							
7,227.00	0.27	253.900	7,214.36	-110.97	-207.36	-110.97	0.00
Straight Line Projection to TD @ 7227.00' MD							



Design Report for 7-30-46 DLB - Sperry Final Surveys

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
216.00	215.99	0.07	-1.49	First Sperry MWD Survey @ 216.00' MD
7,176.00	7,163.36	-110.91	-207.13	Last Sperry MWD Survey @ 7176.00' MD
7,227.00	7,214.36	-110.97	-207.36	Straight Line Projection to TD @ 7227.00' MD

Vertical Section Information

Angle Type	Target	Azimuth (°)	Origin Type	Origin		Start TVD (ft)
				+N/_S (ft)	+E/-W (ft)	
User	No Target (Freehand)	0.000	Slot	0.00	0.00	0.00

Survey tool program

From (ft)	To (ft)	Survey/Plan	Survey Tool
216.00	7,227.00	Sperry MWD Surveys	MWD

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
7-30-46 DLB_SHL - actual wellpath hits target center - Point	0.00	0.00	0.00	0.00	0.00	647,557.39	2,251,224.55	40° 6' 27.929 N	110° 36' 6.502 W
7-30-46 DLB_ZONE T1 - actual wellpath hits target center - Rectangle (sides W200.00 H200.00 D7,227.00)	0.00	0.00	0.00	0.00	0.00	647,557.39	2,251,224.55	40° 6' 27.929 N	110° 36' 6.502 W
7-30-46 DLB_BHL TG - actual wellpath misses target center by 235.53ft at 7227.00ft MD (7214.36 TVD, -110.97 N, -207.36 E) - Point	0.00	0.00	7,227.00	0.00	0.00	647,557.39	2,251,224.55	40° 6' 27.929 N	110° 36' 6.502 W

North Reference Sheet for Sec. 30-T4S-R6W - 7-30-46 DLB - Plan A

All data is in US Feet unless otherwise stated. Directions and Coordinates are relative to True North Reference.

Vertical Depths are relative to RKB 22' @ 7300.00ft (Nabors M22). Northing and Easting are relative to 7-30-46 DLB

Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302 using datum NAD 1927 (NADCON CONUS), ellipsoid Clarke 1866

Projection method is Lambert Conformal Conic (2 parallel)

Central Meridian is 111° 30' 0.000 W°, Longitude Origin:0° 0' 0.000 E°, Latitude Origin:40° 39' 0.000 N°

False Easting: 2,000,000.00ft, False Northing: 0.00ft, Scale Reduction: 0.99991013

Grid Coordinates of Well: 647,557.39 ft N, 2,251,224.55 ft E

Geographical Coordinates of Well: 40° 06' 27.93" N, 110° 36' 06.50" W

Grid Convergence at Surface is: 0.58°

Based upon Minimum Curvature type calculations, at a Measured Depth of 7,227.00ft

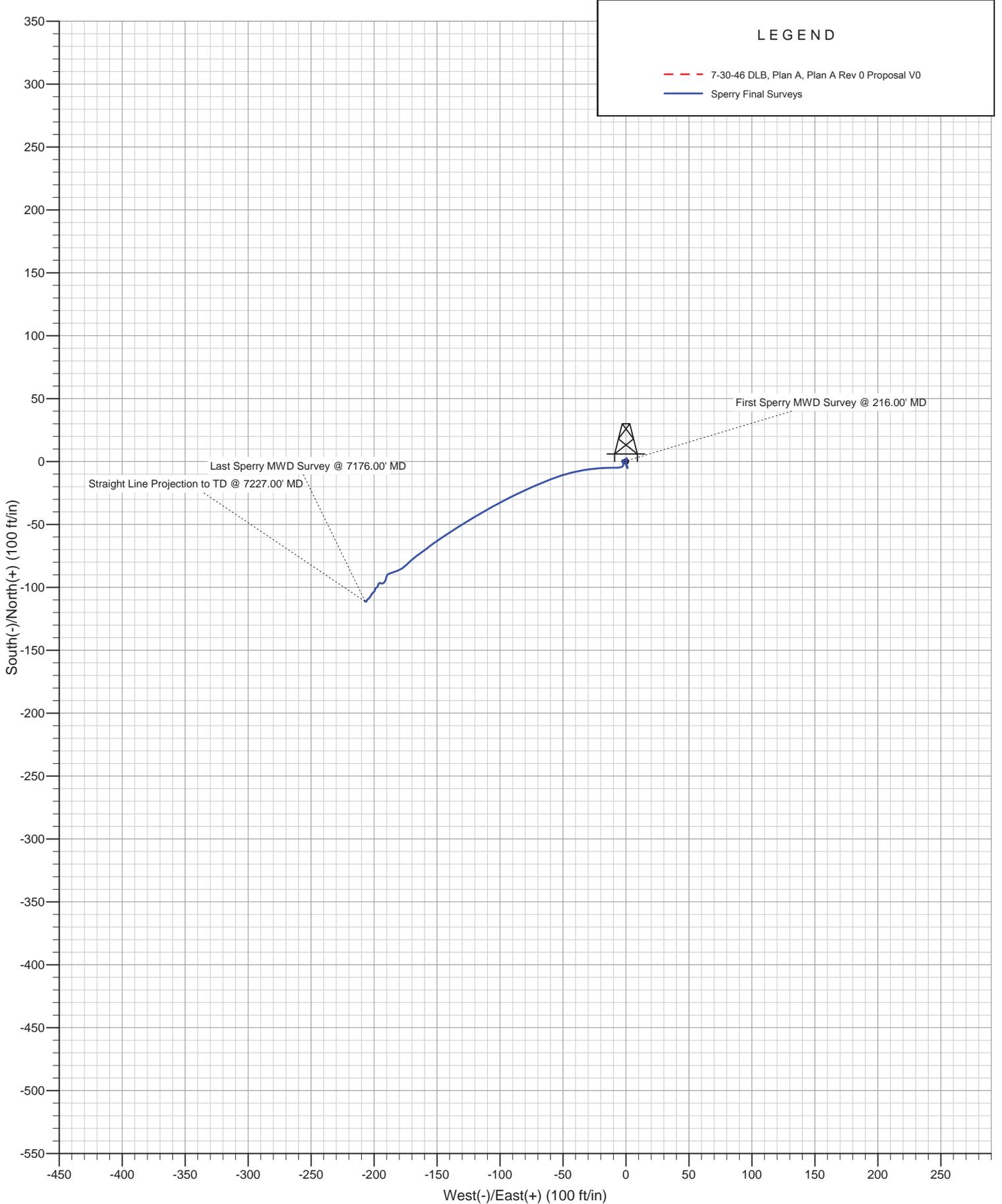
the Bottom Hole Displacement is 235.19ft in the Direction of 241.85° (True).

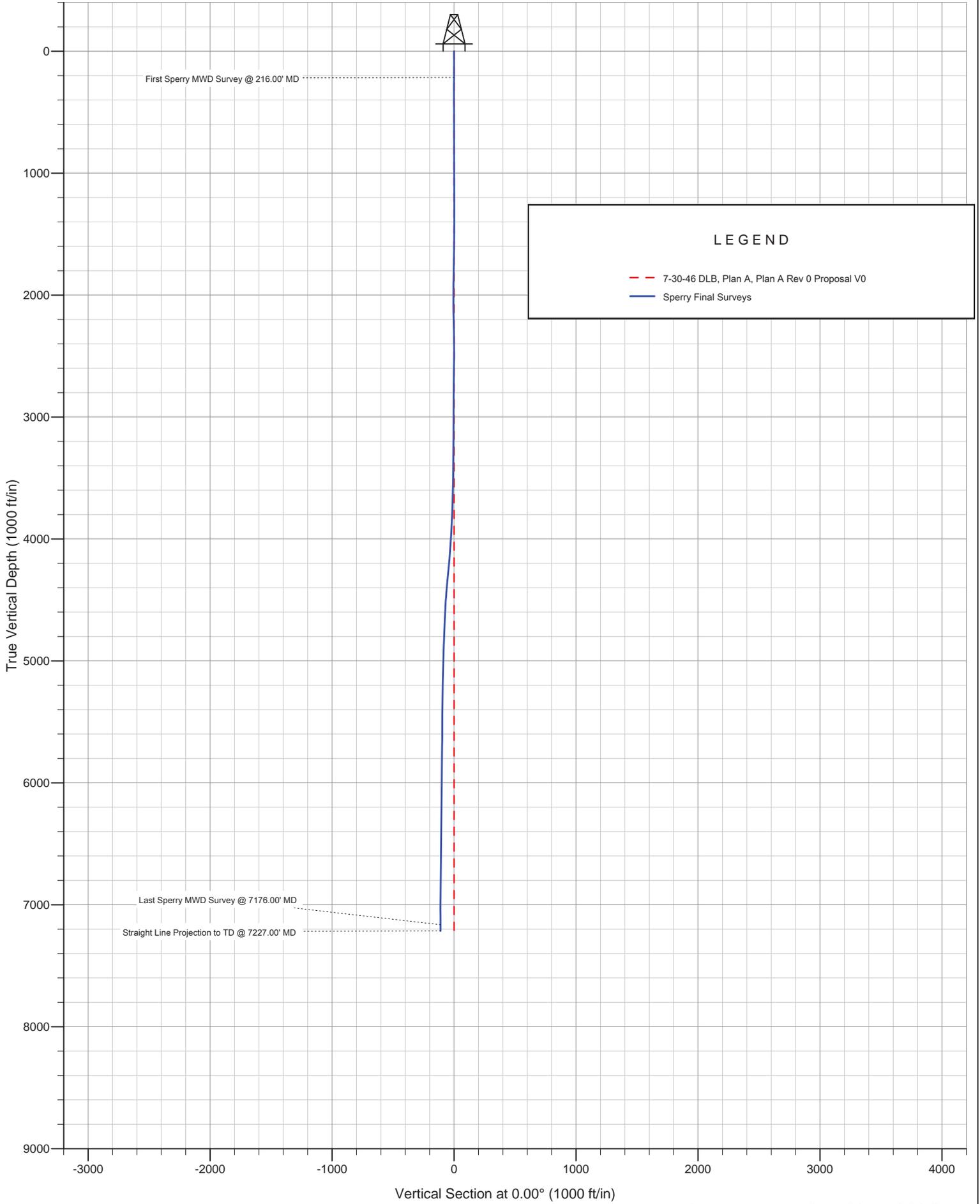
Magnetic Convergence at surface is: -10.76° (22 April 2013, , BGGM2012)

Magnetic Model: BGGM2012
 Date: 22-Apr-13
 Declination: 11.34°
 Inclination/Dip: 65.67°
 Field Strength: 51953

Grid North is 0.58° East of True North (Grid Convergence)
 Magnetic North is 11.34° East of True North (Magnetic Declination)
 Magnetic North is 10.76° East of Grid North (Magnetic Convergence)

To convert a True Direction to a Grid Direction, Subtract 0.58°
 To convert a Magnetic Direction to a True Direction, Add 11.34° East
 To convert a Magnetic Direction to a Grid Direction, Add 10.76°





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: Fee	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE	
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: 7-30-46 DLB	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43013517030000	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1298 FNL 1860 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 30 Township: 04.0S Range: 06.0W Meridian: U		9. FIELD and POOL or WILDCAT: ALTAMONT	
		COUNTY: DUCHESNE	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/9/2015 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="CA NUMBER"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
THIS WELL IS NOW INCLUDED IN THE CA UTU91192			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY August 06, 2015			
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst	
SIGNATURE N/A		DATE 7/28/2015	

Division of Oil, Gas and Mining
 Operator Change/Name Change Worksheet-for State use only

Effective Date: 11/1/2016

FORMER OPERATOR:	NEW OPERATOR:
Bill Barrett Corporation 1099 18th Street, Suite 2300 Denver, CO 80202	Rig II, LLC 1582 West 2600 South Woods Cross, UT 84087
CA Number(s):	Unit(s):

WELL INFORMATION:

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
See Attached List									

OPERATOR CHANGES DOCUMENTATION:

- Sundry or legal documentation was received from the **FORMER** operator on: 10/21/2016
- Sundry or legal documentation was received from the **NEW** operator on: 10/21/2016
- New operator Division of Corporations Business Number: 8256968-0160

REVIEW:

- Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A
- Receipt of Acceptance of Drilling Procedures for APD on: 10/21/2016
- Reports current for Production/Disposition & Sundries: 11/2/2016
- OPS/SI/TA well(s) reviewed for full cost bonding: 11/3/2016
- UIC5 on all disposal/injection/storage well(s) approved on: 11/3/2016
- Surface Facility(s) included in operator change: None
- Inspections of PA state/fee well sites complete on (only upon operators request): 11/3/2016

NEW OPERATOR BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UTB000712
- Indian well(s) covered by Bond Number: LPM 922467
- State/fee well(s) covered by Bond Number(s): 9219529

DATA ENTRY:

- Well(s) update in the **OGIS** on: 11/7/2016
- Entity Number(s) updated in **OGIS** on: 11/7/2016
- Unit(s) operator number update in **OGIS** on: N/A
- Surface Facilities update in **OGIS** on: N/A
- State/Fee well(s) attached to bond(s) in **RBDMS** on: 11/7/2016
- Surface Facilities update in **RBDMS** on: N/A

COMMENTS:

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral	Surface	Type	Status
SWD 9-36 BTR	9	030S	060W	4301350646	18077	Indian	Fee	WD	A
16-6D-46 BTR SWD	6	040S	060W	4301350781	18327	Indian	Fee	WD	A
6-32-36 BTR SWD	32	030S	060W	4301350921	18329	Indian	Fee	WD	A
LC TRIBAL 8-26D-47	26	040S	070W	4301334024		Indian	Indian	OW	APD
16-21D-37 BTR	21	030S	070W	4301350758		Indian	Fee	OW	APD
14-11D-37 BTR	11	030S	070W	4301350862		Indian	Fee	OW	APD
7-17D-46 BTR	17	040S	060W	4301350883		Indian	Indian	OW	APD
14-12D-37 BTR	12	030S	070W	4301350894		Indian	Fee	OW	APD
1-18D-36 BTR	18	030S	060W	4301350922		Indian	Fee	OW	APD
13-2D-45 BTR	2	040S	050W	4301350931		Indian	Indian	OW	APD
5H-16-46 BTR	16	040S	060W	4301350992		Indian	Indian	OW	APD
9H-17-45 BTR	17	040S	050W	4301351098		Indian	Indian	OW	APD
13H-8-46 BTR UB	8	040S	060W	4301351124		Indian	Indian	OW	APD
8H-9-46 BTR	9	040S	060W	4301351140		Indian	Indian	OW	APD
LC TRIBAL 7-31D-37	31	030S	070W	4301351147		Indian	Fee	OW	APD
14-16D-45 BTR	16	040S	050W	4301351178		Indian	Indian	OW	APD
16-19D-37 BTR	19	030S	070W	4301351179		Indian	Fee	OW	APD
6-2D-45 BTR	2	040S	050W	4301351234		Indian	Indian	OW	APD
2-2D-45 BTR	2	040S	050W	4301351235		Indian	Indian	OW	APD
10-26-35 BTR	26	030S	050W	4301351248		Indian	Fee	OW	APD
LC TRIBAL 1H-33-46	33	040S	060W	4301351257		Indian	Fee	OW	APD
LC TRIBAL 9-25D-46	25	040S	060W	4301351276		Indian	Indian	OW	APD
LC TRIBAL 8H-30-45	30	040S	050W	4301351277		Indian	Indian	OW	APD
LC TRIBAL 16H-30-45	30	040S	050W	4301351279		Indian	Indian	OW	APD
LC TRIBAL 13-30D-45	30	040S	050W	4301351282		Indian	Indian	OW	APD
LC TRIBAL 16H-36-46	36	040S	060W	4301351291		Indian	Indian	OW	APD
LC TRIBAL 13H-30-46	30	040S	060W	4301351321		Indian	Indian	OW	APD
LC TRIBAL 13H-31-46	31	040S	060W	4301351326		Indian	Indian	OW	APD
LC TRIBAL 16-31D-46	31	040S	060W	4301351328		Indian	Indian	OW	APD
LC TRIBAL 5H-26-47	26	040S	070W	4301351337		Indian	Indian	OW	APD
LC TRIBAL 5H-19-45	20	040S	050W	4301351349		Indian	Indian	OW	APD
LC TRIBAL 16-36D-47	36	040S	070W	4301351363		Indian	Indian	OW	APD
15-4D-47 BTR	4	040S	070W	4301351377		Indian	Fee	OW	APD
16-23D-46 LC TRIBAL	23	040S	060W	4301351396		Indian	Fee	OW	APD
15-2D-36 BTR	2	030S	060W	4301351419		Indian	Fee	OW	APD
16-23D-37 BTR	23	030S	070W	4301351420		Indian	Fee	OW	APD
11-9D-47 BTR	9	040S	070W	4301351422		Indian	Fee	OW	APD
15-13D-47 BTR	13	040S	070W	4301351424		Indian	Indian	OW	APD
LC TRIBAL 15-19D-46	19	040S	060W	4301351426		Indian	Indian	OW	APD
16-13D-45 BTR	13	040S	050W	4301351428		Indian	Indian	OW	APD

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

14-12D-45 BTR	12	040S	050W	4301351444		Indian	Indian	OW	APD
16-14D-45 BTR	14	040S	050W	4301351445		Indian	Indian	OW	APD
5-13D-45 BTR	13	040S	050W	4301351446		Indian	Indian	OW	APD
LC TRIBAL 16-26D-46	26	040S	060W	4301351450		Indian	State	OW	APD
LC TRIBAL 16-34D-46	34	040S	060W	4301351451		Indian	State	OW	APD
16-12D-45 BTR	12	040S	050W	4301351452		Indian	Indian	OW	APD
8-12D-45 BTR	12	040S	050W	4301351453		Indian	Indian	OW	APD
LC TRIBAL 1-35D-46	35	040S	060W	4301351454		Indian	Fee	OW	APD
16-25D-37 BTR	25	030S	070W	4301351455		Indian	Fee	OW	APD
LC TRIBAL 13H-29-46	28	040S	060W	4301351462		Indian	Fee	OW	APD
LC TRIBAL 14-30D-37	30	030S	070W	4301351494		Indian	Fee	OW	APD
7-13D-45 BTR	13	040S	050W	4301351497		Indian	Indian	OW	APD
LC TRIBAL 4H-35-46	35	040S	060W	4301351515		Indian	Fee	OW	APD
LC TRIBAL 13H-19-46	19	040S	060W	4301351543		Indian	Indian	OW	APD
16-26D-37 BTR	26	030S	070W	4301351598		Indian	Fee	OW	APD
LC TRIBAL 16-31D-37	31	030S	070W	4301351610		Indian	Fee	OW	APD
5-4-35 BTR	4	030S	050W	4301351613		Indian	Fee	OW	APD
LC TRIBAL 16-31D-47	31	040S	070W	4301351616		Indian	Indian	OW	APD
LC TRIBAL 13H-31-47	31	040S	070W	4301351617		Indian	Indian	OW	APD
LC TRIBAL 13-32D-47	32	040S	070W	4301351619		Indian	Indian	OW	APD
LC TRIBAL 16H-32-47	32	040S	070W	4301351620		Indian	Indian	OW	APD
LC TRIBAL 1-32D-47	32	040S	070W	4301351624		Indian	Indian	OW	APD
LC TRIBAL 4H-32-47	32	040S	070W	4301351625		Indian	Indian	OW	APD
LC TRIBAL 13-28D-47	28	040S	070W	4301351627		Indian	Indian	OW	APD
LC TRIBAL 13H-29-47	28	040S	070W	4301351628		Indian	Indian	OW	APD
LC TRIBAL 16H-28-47	28	040S	070W	4301351629		Indian	Indian	OW	APD
LC TRIBAL 1-28D-47	28	040S	070W	4301351639		Indian	Indian	OW	APD
LC TRIBAL 1H-27-47	28	040S	070W	4301351640		Indian	Indian	OW	APD
LC TRIBAL 4H-28-47	28	040S	070W	4301351641		Indian	Indian	OW	APD
LC TRIBAL 7-25D-58	25	050S	080W	4301351643		Indian	Indian	OW	APD
LC TRIBAL 6-25D-58	25	050S	080W	4301351644		Indian	Indian	OW	APD
LC TRIBAL 13H-24-58	24	050S	080W	4301351645		Indian	Indian	OW	APD
LC TRIBAL 16-24D-58	24	050S	080W	4301351646		Indian	Indian	OW	APD
LC Tribal 8-23D-46	23	040S	060W	4301351654		Indian	Fee	OW	APD
LC Tribal 16-35D-45	35	040S	050W	4301351656		Indian	Fee	OW	APD
LC Tribal 13H-35-45	35	040S	050W	4301351657		Indian	Fee	OW	APD
LC Tribal 16-36D-45	36	040S	050W	4301351658		Indian	Fee	OW	APD
LC Tribal 13H-36-45	36	040S	050W	4301351659		Indian	Fee	OW	APD
LC Tribal 5-36D-45	36	040S	050W	4301351661		Indian	Fee	OW	APD
LC Tribal 8-26D-46	26	040S	060W	4301351663		Indian	Fee	OW	APD
3-29D-36 BTR	29	030S	060W	4301351665		Indian	Fee	OW	APD

From: Bill Barrett Corporation

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LC Tribal 5-35D-45	35	040S	050W	4301351666	Indian	Fee	OW	APD
LC Tribal 5-24D-46	24	040S	060W	4301351668	Indian	Indian	OW	APD
LC TRIBAL 6-12D-58	12	050S	080W	4301351696	Indian	Indian	OW	APD
LC TRIBAL 8-12D-58	12	050S	080W	4301351697	Indian	Indian	OW	APD
LC TRIBAL 16H-22-47	21	040S	070W	4301351700	Indian	Indian	OW	APD
5-25D-37 BTR	25	030S	070W	4301351803	Indian	Fee	OW	APD
8-3D-36 BTR	3	030S	060W	4301351804	Indian	Fee	OW	APD
14-26D-37 BTR	26	030S	070W	4301351805	Indian	Fee	OW	APD
9-4-35 BTR	4	030S	050W	4301351806	Indian	Fee	OW	APD
11-4D-35 BTR	4	030S	050W	4301351807	Indian	Fee	OW	APD
16-27D-37 BTR	27	030S	070W	4301351808	Indian	Fee	OW	APD
14-27D-37 BTR	27	030S	070W	4301351809	Indian	Fee	OW	APD
14-16D-46 BTR	16	040S	060W	4301351812	Indian	Indian	OW	APD
LC Tribal 16-35D-48	35	040S	080W	4301351847	Indian	Indian	OW	APD
LC Tribal 13H-35-48	35	040S	080W	4301351848	Indian	Indian	OW	APD
LC Tribal 13-2D-58	11	050S	080W	4301351850	Indian	Indian	OW	APD
5-13D-36 BTR	13	030S	060W	4301351862	Indian	Fee	OW	APD
5-8D-36 BTR	8	030S	060W	4301351871	Indian	Fee	OW	APD
16-1D-36 BTR	1	030S	060W	4301351872	Indian	Fee	OW	APD
8-18D-46 BTR	18	040S	060W	4301351897	Indian	Fee	OW	APD
LC Tribal 5-36D-46	36	040S	060W	4301351905	Indian	Indian	OW	APD
LC Tribal 5-26D-45	26	040S	050W	4301351907	Indian	Indian	OW	APD
14-13D-45 BTR	13	040S	050W	4301351974	Indian	Indian	OW	APD
14-34D-46 DLB	34	040S	060W	4301351975	Indian	Fee	OW	APD
LC Tribal 5-21D-45	21	040S	050W	4301352001	Indian	Indian	OW	APD
LC Tribal 8-22D-45	22	040S	050W	4301352002	Indian	Indian	OW	APD
LC Tribal 8-25D-45	25	040S	050W	4301352007	Indian	Indian	OW	APD
LC Tribal 16-25D-45	25	040S	050W	4301352008	Indian	Indian	OW	APD
LC Tribal 16-22D-45	22	040S	050W	4301352009	Indian	Indian	OW	APD
LC Tribal 16-26D-45	26	040S	050W	4301352010	Indian	Indian	OW	APD
LC Tribal 14-31D-37	31	030S	070W	4301352016	Indian	Fee	OW	APD
5-12D-45 BTR	12	040S	050W	4301352030	Indian	Indian	OW	APD
LC Tribal 9-20D-45	20	040S	050W	4301352031	Indian	Indian	OW	APD
LC Tribal 13-35D-47	35	040S	070W	4301352055	Indian	Indian	OW	APD
LC Tribal 1-23D-47	23	040S	070W	4301352057	Indian	Indian	OW	APD
9-17D-46 BTR	17	040S	060W	4301352059	Indian	Indian	OW	APD
11-18D-46 BTR	18	040S	060W	4301352060	Indian	Indian	OW	APD
9-10D-47 BTR	10	040S	070W	4301352092	Indian	Fee	OW	APD
LC Tribal 1-17D-47	17	040S	070W	4301352096	Indian	Fee	OW	APD
7-35D-37 BTR	35	030S	070W	4301352115	Indian	Fee	OW	APD
14-25D-37 BTR	25	030S	070W	4301352116	Indian	Fee	OW	APD

From: Bill Barrett Corporation

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LC Tribal 5-25-46	25	040S	060W	4301352126	Indian	Indian	OW	APD
8-33D-35 BTR	33	030S	050W	4301352161	Indian	Fee	OW	APD
5-4D-36 BTR	4	030S	060W	4301352175	Indian	Fee	OW	APD
7-4D-36 BTR	4	030S	060W	4301352176	Indian	Fee	OW	APD
LC Tribal 4-36D-47	36	040S	070W	4301352186	Indian	Indian	OW	APD
LC Tribal 4-22D-46	22	040S	060W	4301352944	Indian	Indian	OW	APD
LC Tribal 16-22D-46	22	040S	060W	4301352945	Indian	Indian	OW	APD
LC Tribal 11-19D-46	19	040S	060W	4301352946	Indian	Indian	OW	APD
LC Tribal 7-20D-45	20	040S	050W	4301352947	Indian	Indian	OW	APD
15-11D-35 BTR	11	030S	050W	4301353056	Indian	Fee	OW	APD
13-11D-35 BTR	11	030S	050W	4301353057	Indian	Fee	OW	APD
BTR 16-36D-37	36	030S	070W	4301353059	Indian	Fee	OW	APD
4-29D-35 BTR	30	030S	050W	4301353060	Indian	Fee	OW	APD
1-30D-35 BTR	30	030S	050W	4301353061	Fee	Fee	OW	APD
LC TRIBAL 3-23D-46	23	040S	060W	4301353066	Indian	State	OW	APD
LC Tribal 14-23D-46	23	040S	060W	4301353067	Indian	State	OW	APD
LC Tribal 13-25D-46	25	040S	060W	4301353068	Indian	Indian	OW	APD
LC Tribal 14-26D-46	26	040S	060W	4301353069	Indian	State	OW	APD
LC Tribal 5-26D-46	26	040S	060W	4301353070	Indian	State	OW	APD
LC Tribal 11-35D-45	35	040S	050W	4301353071	Indian	State	OW	APD
LC Tribal 7-35D-45	35	040S	050W	4301353072	Indian	State	OW	APD
LC Tribal 3-35D-45	35	040S	050W	4301353075	Indian	State	OW	APD
LC Tribal 14-36D-45	36	040S	050W	4301353076	Indian	State	OW	APD
LC Tribal 13-36D-45	36	040S	050W	4301353077	Indian	State	OW	APD
LC Tribal 10-36D-45	36	040S	050W	4301353078	Indian	State	OW	APD
LC Tribal 8-36D-45	36	040S	050W	4301353079	Indian	State	OW	APD
LC Tribal 6-36D-45	36	040S	050W	4301353080	Indian	State	OW	APD
LC Tribal 1-34D-46	34	040S	060W	4301353081	Indian	State	OW	APD
LC Tribal 9-27D-46	27	040S	060W	4301353082	Indian	State	OW	APD
LC Tribal 13-35D-45	35	040S	050W	4301353083	Indian	State	OW	APD
LC Tribal 8-35D-45	35	040S	050W	4301353084	Indian	State	OW	APD
LC Tribal 15-35D-45	35	040S	050W	4301353085	Indian	State	OW	APD
LC Tribal 12-25D-45	25	040S	050W	4301353122	Indian	Indian	OW	APD
LC Tribal 14-25D-45	25	040S	050W	4301353123	Indian	Indian	OW	APD
LC Tribal 10-25D-45	25	040S	050W	4301353124	Indian	Indian	OW	APD
LC Tribal 11-26-45	26	040S	050W	4301353125	Indian	Indian	OW	APD
LC Tribal 13-26D-45	26	040S	050W	4301353126	Indian	Indian	OW	APD
LC Tribal 7-31D-46	31	040S	060W	4301353127	Indian	Indian	OW	APD
LC Tribal 7-19D-45	19	040S	050W	4301353128	Indian	Indian	OW	APD
LC Tribal 5-19D-45	19	040S	050W	4301353130	Indian	Indian	OW	APD
LC Tribal 7-25D-46	25	040S	060W	4301353132	Indian	Indian	OW	APD

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LC Tribal 7-24D-46	24	040S	060W	4301353134		Indian	Indian	OW	APD
LC Tribal 14-31D-46	31	040S	060W	4301353135		Indian	Indian	OW	APD
LC Tribal 14-30D-46	30	040S	060W	4301353136		Indian	Indian	OW	APD
13-4-35 BTR SWD	4	030S	050W	4301353293		Fee	Fee	OW	APD
LC FEE 14-26D-47	26	040S	070W	4301353294		Fee	Indian	OW	APD
LC Fee 5-25D-47	25	040S	070W	4301353295		Fee	Indian	OW	APD
7-35-46 LC SWD	35	040S	060W	4301353296		Fee	Fee	OW	APD
LC Fee 1H-33-47	32	040S	070W	4301353309		Fee	Indian	OW	APD
LC FEE 14-2D-58	2	050S	080W	4301353312		Fee	Indian	OW	APD
LC FEE 13H-21-47	21	040S	070W	4301353313		Fee	Indian	OW	APD
LC Fee 16-21D-47	21	040S	070W	4301353326		Fee	Indian	OW	APD
16-7D-46 BTR	7	040S	060W	4301353328		Fee	Indian	OW	APD
LC Fee 15-26D-47	26	040S	070W	4301353331		Fee	Indian	OW	APD
LC Fee 4-24D-47	23	040S	070W	4301353332		Fee	Indian	OW	APD
LC Fee 5-34D-47	34	040S	070W	4301353333		Fee	Indian	OW	APD
LC Fee 5-35D-47	35	040S	070W	4301353334		Fee	Indian	OW	APD
13-34D-47 LC Fee	34	040S	070W	4301353337		Fee	Indian	OW	APD
14-35D-35 BTR	35	030S	050W	4301352120		Fee	Fee	OW	DRL
6-17D-46 BTR	17	040S	060W	4301351078		Indian	Indian	OW	OPS
5-34D-35 BTR	34	030S	050W	4301351187		Indian	Fee	OW	OPS
5-10D-45 BTR	10	040S	050W	4301351221		Indian	Indian	OW	OPS
5-3D-45 BTR	3	040S	050W	4301351810		Indian	Indian	OW	OPS
9-34D-35 BTR	34	030S	050W	4301352117		Fee	Fee	OW	OPS
5-35D-35 BTR	35	030S	050W	4301352118		Fee	Fee	OW	OPS
1-2D-46 BTR	2	040S	060W	4301353086		Indian	Fee	OW	OPS
7-21-46 DLB	21	040S	060W	4301333567	16526	Indian	Indian	OW	P
LC TRIBAL 1H-27-46	27	040S	060W	4301333568	18175	Indian	Fee	GW	P
7-29-46 DLB	29	040S	060W	4301333584	17603	Indian	Fee	GW	P
LC TRIBAL 12H-28-46	28	040S	060W	4301333631	18132	Indian	Indian	GW	P
LC TRIBAL 13H-21-46	21	040S	060W	4301333632	18107	Indian	Indian	GW	P
12-36-36 BTR	36	030S	060W	4301333638	16336	Indian	Fee	GW	P
5-5-46 BTR	5	040S	060W	4301333639	16542	Indian	Fee	OW	P
5-23-36 BTR	23	030S	060W	4301333642	16675	Indian	Fee	GW	P
14-29-36 BTR	29	030S	060W	4301333643	16725	Indian	Fee	OW	P
14-30-36 BTR	30	030S	060W	4301333644	16701	Indian	Fee	GW	P
7-20-46 DLB	20	040S	060W	4301333657	16584	Indian	Indian	OW	P
LC TRIBAL 5-21D-46	21	040S	060W	4301333658	18887	Indian	Indian	OW	P
5-20-46 DLB	20	040S	060W	4301333659	18750	Indian	Indian	GW	P
LC TRIBAL 13H-20-46	20	040S	060W	4301333678	17979	Indian	Indian	GW	P
14-7-46 BTR	7	040S	060W	4301333806	16890	Indian	Indian	GW	P
7-8-45 BTR	8	040S	050W	4301333820	16974	Indian	Indian	OW	P

From: Bill Barrett Corporation

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1-5-45 BTR	5	040S	050W	4301333868	16931	Indian	Indian	OW	P
5-16-36 BTR	16	030S	060W	4301333970	17195	Indian	Fee	OW	P
5-29-36 BTR	29	030S	060W	4301333972	17557	Indian	Fee	OW	P
4-30-36 BTR	30	030S	060W	4301333973	17249	Indian	Fee	OW	P
7-19-46 DLB	19	040S	060W	4301334004	19018	Indian	Indian	OW	P
5-25-36 BTR	25	030S	060W	4301334021	17126	Fee	Fee	OW	P
5-4-45 BTR	4	040S	050W	4301334089	17507	Indian	Indian	OW	P
13-2-46 BTR	2	040S	060W	4301334090	18618	Indian	Indian	OW	P
2-3-45 BTR	3	040S	050W	4301334099	17932	Indian	Indian	OW	P
7-6-45 BTR	6	040S	050W	4301334100	17653	Indian	Indian	OW	P
1-9-45 BTR	9	040S	050W	4301334101	17910	Indian	Indian	OW	P
8-10-45 BTR	10	040S	050W	4301334102	17530	Indian	Indian	OW	P
7-17-45 BTR	17	040S	050W	4301334104	17933	Indian	Indian	OW	P
16-7-45 BTR	7	040S	050W	4301334111	17665	Indian	Indian	OW	P
15-18-45 BTR	18	040S	050W	4301334112	17832	Indian	Indian	OW	P
6-12-46 BTR	12	040S	060W	4301334114	17964	Indian	Indian	OW	P
5-13-46 BTR	13	040S	060W	4301334115	17833	Indian	Indian	OW	P
16-26-36 BTR	26	030S	060W	4301334132	18028	Indian	Fee	OW	P
1-23-36 BTR	23	030S	060W	4301334136	17722	Indian	Fee	OW	P
15-10-36 BTR	10	030S	060W	4301334277	17419	Indian	Fee	OW	P
14-5-46 BTR	5	040S	060W	4301350307	17624	Fee	Fee	OW	P
14X-22-46 DLB	22	040S	060W	4301350351	17604	Indian	Indian	OW	P
16-13-36 BTR	13	030S	060W	4301350372	17853	Indian	Fee	OW	P
5-33-46 DLB	33	040S	060W	4301350397	17765	Indian	Fee	OW	P
5-34-46 DLB	34	040S	060W	4301350415	17801	Indian	State	GW	P
LC FEE 12H-32-46	32	040S	060W	4301350431	18003	Fee	Fee	OW	P
1-13D-47 BTR	13	040S	070W	4301350445	18205	Indian	Fee	OW	P
16-8D-45 BTR	8	040S	050W	4301350466	18799	Indian	Indian	OW	P
7-13D-46 BTR	13	040S	060W	4301350470	18076	Indian	Indian	OW	P
14-8D-45 BTR	8	040S	050W	4301350567	18207	Indian	Indian	OW	P
14-5D-45 BTR	5	040S	050W	4301350568	18108	Indian	Indian	OW	P
16-31D-36 BTR	31	030S	060W	4301350573	18004	Indian	Fee	OW	P
5-7D-46 BTR	7	040S	060W	4301350574	18176	Indian	Indian	OW	P
LC TRIBAL 13H-33-46	34	040S	060W	4301350575	18223	Indian	State	OW	P
5-8-45 BTR	8	040S	050W	4301350607	18279	Indian	Indian	OW	P
16-6D-45 BTR	6	040S	050W	4301350610	18177	Indian	Indian	OW	P
5-18D-45 BTR	18	040S	050W	4301350611	18300	Indian	Indian	OW	P
7-26-37 BTR	26	030S	070W	4301350641	18131	Indian	Fee	OW	P
3-11D-36 BTR	11	030S	060W	4301350642	18299	Indian	Fee	OW	P
16-1D-46 BTR	1	040S	060W	4301350675	18525	Indian	Indian	OW	P
14-3-45 BTR	3	040S	050W	4301350676	18363	Indian	Indian	OW	P

From: Bill Barrett Corporation

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4-17D-45 BTR	17	040S	050W	4301350687	18517	Indian	Indian	OW	P
5-6D-45 BTR	6	040S	050W	4301350688	18726	Indian	Indian	OW	P
7-7D-45 BTR	7	040S	050W	4301350689	18380	Indian	Indian	OW	P
14-10D-45 BTR	10	040S	050W	4301350754	18447	Indian	Indian	OW	P
14-9D-45 BTR	9	040S	050W	4301350755	18379	Indian	Indian	OW	P
13-16D-36 BTR	16	030S	060W	4301350757	18206	Indian	State	OW	P
5-9D-36 BTR	9	030S	060W	4301350843	18381	Indian	Fee	OW	P
16-5D-46 BTR	5	040S	060W	4301350844	18280	Fee	Fee	OW	P
5-27D-37 BTR	27	030S	070W	4301350847	18526	Indian	Fee	OW	P
7-4D-45 BTR	4	040S	050W	4301350884	18562	Indian	Indian	OW	P
2-16D-45 BTR	16	040S	050W	4301350899	18619	Indian	Indian	OW	P
16-10D-45 BTR	10	040S	050W	4301350902	18725	Indian	Indian	OW	P
5-2D-36 BTR	2	030S	060W	4301350913	18886	Indian	Fee	OW	P
13H-27-36 BTR	27	030S	060W	4301350918	18445	Indian	State	OW	P
8-16D-46 BTR	16	040S	060W	4301350953	19027	Indian	Indian	OW	P
16-16D-46 BTR	16	040S	060W	4301350956	19028	Indian	Indian	OW	P
16-9D-45 BTR	9	040S	050W	4301350962	18662	Indian	Indian	OW	P
14-31D-36 BTR	31	030S	060W	4301350973	18524	Indian	Fee	OW	P
5-10D-36 BTR	10	030S	060W	4301350978	18989	Indian	Fee	OW	P
1-32D-36 BTR	32	030S	060W	4301350979	18648	Indian	Fee	OW	P
16-12D-36 BTR	12	030S	060W	4301350980	18748	Indian	Fee	OW	P
2-18D-45 BTR	18	040S	050W	4301350991	18776	Indian	Indian	OW	P
3-1-46 BTR	1	040S	060W	4301351017	18777	Indian	Fee	OW	P
10-5-45 BTR	5	040S	050W	4301351062	18724	Indian	Indian	OW	P
12-4D-45 BTR	4	040S	050W	4301351063	18813	Indian	Indian	OW	P
1-10D-45 BTR	10	040S	050W	4301351064	18966	Indian	Indian	OW	P
16-2D-46 BTR	2	040S	060W	4301351079	18830	Indian	Indian	OW	P
9H-4-45 BTR	4	040S	050W	4301351092	18814	Indian	Indian	OW	P
12-17-45 BTR	17	040S	050W	4301351097	18984	Indian	Indian	OW	P
5-9D-46 BTR	9	040S	060W	4301351109	19313	Indian	Fee	OW	P
14-9D-36 BTR	9	030S	060W	4301351144	19004	Indian	Fee	OW	P
5-31D-36 BTR	31	030S	060W	4301351146	18691	Indian	Fee	OW	P
4-9D-45 BTR	9	040S	050W	4301351157	18883	Indian	Indian	OW	P
8-12D-46 BTR	12	040S	060W	4301351159	18911	Indian	Indian	OW	P
LC TRIBAL 16-23D-47	23	040S	070W	4301351180	18617	Indian	Indian	OW	P
14-7D-45 BTR	7	040S	050W	4301351222	18949	Indian	Indian	OW	P
5-16D-45 BTR	16	040S	050W	4301351223	18987	Indian	Indian	OW	P
4-5D-45 BTR	5	040S	050W	4301351242	18882	Indian	Indian	OW	P
LC TRIBAL 16H-19-45	19	040S	050W	4301351278	18627	Indian	Indian	OW	P
LC TRIBAL 13-19D-45	19	040S	050W	4301351280	18628	Indian	Indian	OW	P
LC TRIBAL 5-30D-45	30	040S	050W	4301351281	19448	Indian	Indian	OW	P

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LC TRIBAL 15-24D-46	24	040S	060W	4301351283	18626	Indian	Indian	OW	P
LC TRIBAL 13H-24-46	19	040S	050W	4301351289	18629	Indian	Indian	OW	P
7-16-47 BTR	16	040S	070W	4301351296	18950	Indian	Fee	OW	P
14-18D-45 BTR	18	040S	050W	4301351313	19005	Indian	Indian	OW	P
LC TRIBAL 16-30D-46	30	040S	060W	4301351320	19006	Indian	Indian	OW	P
LC TRIBAL 5-20D-45	20	040S	050W	4301351331	19449	Indian	Indian	OW	P
11-8D-46 BTR	8	040S	060W	4301351336	19314	Indian	Indian	OW	P
5-7D-45 BTR	7	040S	050W	4301351350	18951	Indian	Indian	OW	P
7-5-35 BTR	5	030S	050W	4301351599	19078	Indian	Fee	OW	P
13-5D-35 BTR	5	030S	050W	4301351600	18996	Indian	Fee	OW	P
11-5D-35 BTR	5	030S	050W	4301351601	19061	Fee	Fee	OW	P
15-5D-35 BTR	5	030S	050W	4301351602	19062	Fee	Fee	OW	P
9-5D-35 BTR	5	030S	050W	4301351609	19029	Indian	Fee	OW	P
3-5D-35 BTR	5	030S	050W	4301351638	19079	Indian	Fee	OW	P
7-8-46 BTR	8	040S	060W	4301351702	19315	Indian	Indian	OW	P
7-30-46 DLB	30	040S	060W	4301351703	18997	Fee	Indian	OW	P
3-13D-46 BTR	13	040S	060W	4301351718	18881	Indian	Indian	OW	P
2-13D-46 BTR	13	040S	060W	4301351719	18885	Indian	Indian	OW	P
12-12D-46 BTR	12	040S	060W	4301351720	18867	Indian	Indian	OW	P
10-12D-46 BTR	12	040S	060W	4301351721	18856	Indian	Indian	OW	P
11-11D-47 BTR	11	040S	070W	4301352091	19633	Fee	Fee	OW	P
7-12D-47 BTR	12	040S	070W	4301352094	19600	Indian	Fee	OW	P
5-12D-47 BTR	12	040S	070W	4301352095	19634	Indian	Fee	OW	P
14-33D-35 BTR	33	030S	050W	4301352162	19450	Indian	Fee	OW	P
16-33D-35 BTR	33	030S	050W	4301352163	19451	Indian	Fee	OW	P
14-22-46 DLB	22	040S	060W	4301333660	17604	Indian	Indian	D	PA
13H-31-36 BTR	31	030S	060W	4301350465	18485	Indian	Fee	OW	PA
16X-23D-36 BTR	23	030S	060W	4301350623	18007	Indian	State	OW	PA
8-6-45 BTR	6	040S	050W	4301350900	18561	Indian	Indian	OW	PA
13-13-36 BTR	13	030S	060W	4301350919	18364	Indian	Fee	OW	PA
7-28-46 DLB	28	040S	060W	4301333569	16460	Indian	Indian	OW	S
5-21-36 BTR	21	030S	060W	4301333641	16674	Indian	Fee	GW	S
13-26-36 BTR	26	030S	060W	4301333980	17569	Indian	Fee	OW	S
14-1-46 BTR	1	040S	060W	4301334113	18516	Indian	Indian	OW	S
16-21-36 BTR	21	030S	060W	4301334130	17721	Indian	Fee	OW	S
14-21-36 BTR	21	030S	060W	4301334131	18006	Indian	Fee	OW	S
7-16-36 BTR	16	030S	060W	4301334133	17834	Indian	Fee	OW	S
1-30-36 BTR	30	030S	060W	4301334134	17905	Indian	Fee	OW	S
16-30-36 BTR	30	030S	060W	4301334135	18005	Indian	Fee	OW	S
3-23-36 BTR	23	030S	060W	4301334137	17860	Indian	Fee	OW	S
16-16-36 BTR	16	030S	060W	4301334138	17666	Indian	Fee	OW	S

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

4-26-36 BTR	26	030S	060W	4301334139	17620	Fee	Fee	OW	S
9-11-36 BTR	11	030S	060W	4301334276	17451	Indian	Fee	OW	S
3-36-36 BTR	36	030S	060W	4301350398	17955	Indian	Fee	OW	S
7-10-36 BTR	10	030S	060W	4301350437	18052	Indian	Fee	OW	S
16-12D-46 BTR	12	040S	060W	4301350467	18051	Indian	Indian	OW	S
13H-13-46 BTR	13	040S	060W	4301350468	18208	Indian	Indian	OW	S
13-12-46 BTR	12	040S	060W	4301350469	18233	Indian	Indian	OW	S
14-8D-36 BTR	8	030S	060W	4301350612	18163	Indian	Fee	OW	S
14-7D-36 BTR	7	030S	060W	4301350613	18330	Indian	Fee	OW	S
16-9-36 BTR	9	030S	060W	4301350645	18078	Indian	Fee	OW	S
7-27-37 BTR	27	030S	070W	4301350647	18090	Indian	Fee	OW	S
16-12D-37 BTR	12	030S	070W	4301350785	18446	Indian	Fee	OW	S
14-21D-37 BTR	21	030S	070W	4301350859	18548	Indian	Fee	OW	S
10-18D-36 BTR	18	030S	060W	4301350915	18884	Indian	Fee	OW	S
5-27D-36	27	030S	060W	4301350917	18482	Indian	State	OW	S
10-36D-36 BTR	36	030S	060W	4301351005	18523	Indian	Fee	OW	S
14-6D-45 BTR	6	040S	050W	4301351158	18967	Indian	Indian	OW	S
5H-1-46 BTR UTELAND BUTTE	6	040S	050W	4301351215	18728	Indian	Indian	OW	S
5H-1-46 BTR WASATCH	6	040S	050W	4301351216	18727	Indian	Indian	OW	S
1-25D-36 BTR	25	030S	060W	4301351294	18798	Indian	Fee	OW	S
5-5D-35 BTR	5	030S	050W	4301351605	19055	Indian	Fee	OW	S
16-23-36 BTR	23	030S	060W	4301333971	17182	Indian	Fee	OW	TA
LC TRIBAL 14-23D-47	23	040S	070W	4301334022	18616	Indian	Indian	OW	TA
5-32D-36 BTR	32	030S	060W	4301350756	18328	Indian	Fee	OW	TA



October 20, 2016

Re: Bill Barrett Corporation Transfer to New Operator

Dear Ms. Medina:

Attached please find the change of operation Form 9, Form 5's and Request to Transfer APD form changing the operator from Bill Barrett Corporation to RIG II, LLC, effective 11/1/2016. Badlands Energy – Utah, LLC will be a sub-operator.

New Operator Contact information:

RIG II, LLC
1582 West 2600 South
Woods Cross, Utah 84087-0298
Telephone:(801) 683-4245
Fax:(801) 298-9889

Upon reviewing the attached, please contact myself with any questions at 303-312-8115.

Sincerely,

Bill Barrett Corporation

A handwritten signature in cursive script that reads 'Brady Riley'.

Brady Riley
Permit Analyst

RECEIVED
OCT 21 2016
DIV. OF OIL, GAS & MINING

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: (see attached well list)
2. NAME OF OPERATOR: RIG II, LLC <u>N14055</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 1582 West 2600 South CITY Wood Cross STATE UT ZIP 84087		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (801) 683-4245		8. WELL NAME and NUMBER: (see attached well list)
4. LOCATION OF WELL FOOTAGES AT SURFACE: (see attached well list) COUNTY:		9. API NUMBER:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH		10. FIELD AND POOL, OR WILDCAT:

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit In Duplicate) Approximate date work will start: <u>11/1/2016</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

RIG II, LLC IS SUBMITTING THIS SUNDRY AS NOTIFICATION THAT THE WELLS LISTED ON THE ATTACHED LIST HAVE BEEN SOLD TO RIG II, LLC BY BILL BARRETT CORPORATION EFFECTIVE 11/1/2016. PLEASE REFER ALL FUTURE CORRESPONDENCE TO THE ADDRESS BELOW.

RIG II, LLC
1582 West 2600 South
Woods Cross, Utah 84087-0298
801-683-4245
(STATE/FEE BOND # 9219529/ BLM BOND # UTB000712/ BIA BOND # LPM9224670)

BILL BARRETT CORPORATION N21165
Duana Zavala NAME (PLEASE PRINT)
Duana Zavala SIGNATURE
Senior Vice President -
EH&S, Government and Regulatory Affairs

RIG II, LLC
Jesse McSwain NAME (PLEASE PRINT)
Jesse McSwain SIGNATURE
Manager

NAME (PLEASE PRINT) Jesse McSwain TITLE Manager
SIGNATURE Jesse McSwain DATE 10/20/16

(This space for State use only)

APPROVED

NOV 07 2016

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

Request to Transfer Application or Permit to Drill

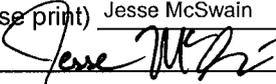
(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name:	(See attached list)
API number:	
Location:	Qtr-Qtr: Section: Township: Range:
Company that filed original application:	Bill Barrett Corporation
Date original permit was issued:	
Company that permit was issued to:	Bill Barrett Corporation

Check one	Desired Action:
<input type="checkbox"/>	Transfer pending (unapproved) Application for Permit to Drill to new operator
	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
<input checked="" type="checkbox"/>	Transfer approved Application for Permit to Drill to new operator
	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.	Yes	No
If located on private land, has the ownership changed?	✓	
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. <small>9219529-UDOGM / UTB000712-BLM / LPM9224670-BIA</small>	✓	

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) Jesse McSwain Title Manager
 Signature  Date 10/20/16
 Representing (company name) RIG II, LLC

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

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

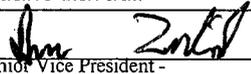
UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

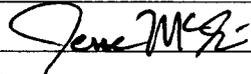
Well Name and Number 6-32-36 BTR SWD	API Number 4301350921
Location of Well Footage : 1628 FNL 1553 FWL County : DUCHENSE QQ, Section, Township, Range: SENW 32 3S 6W State : UTAH	Field or Unit Name CEDAR RIM Lease Designation and Number 2OG0005608

EFFECTIVE DATE OF TRANSFER: 11/1/2016

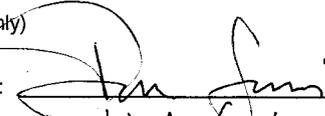
CURRENT OPERATOR

Company: BILL BARRETT CORPORATION	Name: Duane Zavadil
Address: 1099 18th Street Ste 2300	Signature: 
city DENVER state CO zip 80202	Title: Senior Vice President - EH&S, Government and Regulatory Affairs
Phone: (303) 293-9100	Date: 10/20/16
Comments:	

NEW OPERATOR

Company: RIG II, LLC	Name: Jesse McSwain
Address: 1582 West 2600 South	Signature: 
city Wood Cross state UT zip 84087	Title: Manager
Phone: (801) 683-4245	Date: 10/20/16
Comments:	

(This space for State use only)

Transfer approved by: 
Title: UIC Geologist

Approval Date: 11/3/16

Comments:

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

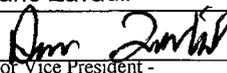
UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

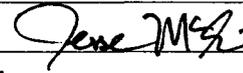
Well Name and Number 16-6D-46 BTR SWD	API Number 4301350781
Location of Well Footage : 0200 FSL 0099 FEL County : DUCHESNE QQ, Section, Township, Range: SESE 6 4S 6W State : UTAH	Field or Unit Name ALTAMONT Lease Designation and Number 2OG0005608

EFFECTIVE DATE OF TRANSFER: 11/1/2016

CURRENT OPERATOR

Company: <u>BILL BARRETT CORPORATION</u>	Name: <u>Duane Zavadil</u>
Address: <u>1099 18th Street Ste 2300</u>	Signature: <u></u>
city <u>DENVER</u> state <u>CO</u> zip <u>80202</u>	Title: <u>Senior Vice President -</u>
Phone: <u>(303) 293-9100</u>	Date: <u>10/20/16</u>
Comments:	

NEW OPERATOR

Company: <u>RIG II, LLC</u>	Name: <u>Jesse McSwain</u>
Address: <u>1582 West 2600 South</u>	Signature: <u></u>
city <u>Wood Cross</u> state <u>UT</u> zip <u>84087</u>	Title: <u>Manager</u>
Phone: <u>(801) 683-4245</u>	Date: <u>10/20/16</u>
Comments:	

(This space for State use only)

Transfer approved by: 
Title: VIC

Approval Date: 11/3/16

Comments:

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

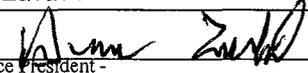
UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

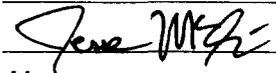
Well Name and Number SWD 9-36 BTR	API Number 4301350646
Location of Well Footage : 0539 FSL 0704 FEL County : DUCHESNE	Field or Unit Name CEDAR RIM
	Lease Designation and Number 2OG0005608
QQ, Section, Township, Range: SESE 9 3S 6W	State : UTAH

EFFECTIVE DATE OF TRANSFER: 11/1/2016

CURRENT OPERATOR

Company: <u>BILL BARRETT CORPORATION</u>	Name: <u>Duane Zavadil</u>
Address: <u>1099 18th Street Ste 2300</u>	Signature: 
city <u>DENVER</u> state <u>CO</u> zip <u>80202</u>	Title: <u>Senior Vice President - EH&S, Government and Regulatory Affairs</u>
Phone: <u>(303) 293-9100</u>	Date: <u>10/20/16</u>
Comments:	

NEW OPERATOR

Company: <u>RIG II, LLC</u>	Name: <u>Jesse McSwain</u>
Address: <u>1582 West 2600 South</u>	Signature: 
city <u>Wood Cross</u> state <u>UT</u> zip <u>84087</u>	Title: <u>Manager</u>
Phone: <u>(801) 683-4245</u>	Date: <u>10/20/16</u>
Comments:	

(This space for State use only)

Transfer approved by: _____ Approval Date: _____

Title: _____

Comments:

*This well was approved by USEPA.
EPA approval will be required.*