

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

FORM 3

AMENDED REPORT

<b>APPLICATION FOR PERMIT TO DRILL</b>						<b>1. WELL NAME and NUMBER</b> LC Fee 15-26D-47					
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						<b>3. FIELD OR WILDCAT</b> WILDCAT					
<b>4. TYPE OF WELL</b> Oil Well <input type="checkbox"/> Coalbed Methane Well: NO <input type="checkbox"/>						<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b>					
<b>6. NAME OF OPERATOR</b> BILL BARRETT CORP						<b>7. OPERATOR PHONE</b> 303 312-8164					
<b>8. ADDRESS OF OPERATOR</b> 1099 18th Street Ste 2300, Denver, CO, 80202						<b>9. OPERATOR E-MAIL</b> BHilgers@billbarretcorp.com					
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> Fee <input type="checkbox"/>			<b>11. MINERAL OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			<b>12. SURFACE OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>					
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b>						<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>					
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>						<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>					
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b> Uintah and Ouray			<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			<b>19. SLANT</b> VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>					
<b>20. LOCATION OF WELL</b>		<b>FOOTAGES</b>		<b>QTR-QTR</b>	<b>SECTION</b>	<b>TOWNSHIP</b>	<b>RANGE</b>	<b>MERIDIAN</b>			
LOCATION AT SURFACE		534 FSL 1462 FEL		SWSE	26	4.0 S	7.0 W	U			
Top of Uppermost Producing Zone		810 FSL 1978 FEL		SWSE	26	4.0 S	7.0 W	U			
At Total Depth		810 FSL 1980 FEL		SWSE	26	4.0 S	7.0 W	U			
<b>21. COUNTY</b> DUCHESNE			<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 810			<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 640					
			<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 5571			<b>26. PROPOSED DEPTH</b> MD: 7273 TVD: 7206					
<b>27. ELEVATION - GROUND LEVEL</b> 7581			<b>28. BOND NUMBER</b> LPM4138148			<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> 43-180					
<b>Hole, Casing, and Cement Information</b>											
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 - 1600	36.0	J-55 ST&C	8.8	Halliburton Light , Type Unknown		210	3.16	11.0
							Halliburton Premium , Type Unknown		210	1.36	14.8
PROD	8.75	9.625	0 - 7273	17.0	P-110 LT&C	9.6	Unknown		620	2.31	11.0
							Unknown		660	1.42	13.5
<b>ATTACHMENTS</b>											
<b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>											
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN						
<input 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 checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP						
<b>NAME</b> Venessa Langmacher			<b>TITLE</b> Senior Permit Analyst			<b>PHONE</b> 303 312-8172					
<b>SIGNATURE</b>			<b>DATE</b> 02/21/2013			<b>EMAIL</b> vlangmacher@billbarretcorp.com					
<b>API NUMBER ASSIGNED</b> 43013520560000			<b>APPROVAL</b>			 Permit Manager					

**BILL BARRETT CORPORATION**  
**DRILLING PLAN**

**LC Tribal 15-26D-47**

SW SE, 534' FSL and 1462' FEL, Section 26, T4S-R7W, USB&M (surface hole)

SW SE, 810' FSL and 1980' FEL, Section 26, T4S-R7W, USB&M (bottom hole)

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 – MD</u>	<u>Depth - TVD</u>
Green River	1,831'	1,831'
Mahogany	2,481'	2,476'
Lower Green River*	3,704'	3,656'
Douglas Creek	4,507'	4,441'
Black Shale	5,328'	5,261'
Castle Peak	5,563'	5,496'
Uteland Butte	5,888'	5,821'
Wasatch*	6,093'	6,026'
TD	7,273'	7,206'

\*PROSPECTIVE PAY

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

Base of Useable Water = 6,591'

**3. BOP and Pressure Containment Data**

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 1,600'	NU Diverter or Rotating Head
1,600' – 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	1,600'	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  
 LC Tribal 15-26D-47  
 Duchesne County, Utah

### 5. Cementing Program

16" Conductor Casing	Grout
9 5/8" Surface Casing	Lead: 210 sx Halliburton Light Premium with additives mixed at 11.0 ppg (yield = 3.16 ft <sup>3</sup> /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 <sup>3</sup> /sx), calculated hole volume with 75% excess. TOC @ 1,100'
5 1/2" Production Casing	Lead: 620 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft <sup>3</sup> /sx). TOC @ 1,100' Tail: 660 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft <sup>3</sup> /sx). Top of cement to be determined by log and sample evaluation; estimated TOC @ 4,828'

### 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' – 1,600'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
1,600' – 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 3597 psi\* and maximum anticipated surface pressure equals approximately 2011 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  
LC Tribal 15-26D-47  
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:	November 2013
Spud:	November 2013
Duration:	15 days drilling time 45 days completion time



# Bill Barrett Corporation

## LAKE CANYON & BLACK TAIL RIDGE CEMENT VOLUMES

**Well Name:** LC Tribal 15-26D-47

### Surface Hole Data:

Total Depth:	1,600'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

### Calculated Data:

Lead Volume:	602.9	ft <sup>3</sup>
Lead Fill:	1,100'	
Tail Volume:	274.0	ft <sup>3</sup>
Tail Fill:	500'	

### Cement Data:

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

### Calculated # of Sacks:

# SK's Lead:	210
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Tail Yield:	1.36	ft <sup>3</sup> /sk
% Excess:	75%	
Top of Tail:	1,100'	

# SK's Tail:	210
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### Production Hole Data:

Total Depth:	7,273'
Top of Cement:	1,100'
Top of Tail:	4,828'
OD of Hole:	8.750"
OD of Casing:	5.500"

### Calculated Data:

Lead Volume:	1412.5	ft <sup>3</sup>
Lead Fill:	3,728'	
Tail Volume:	926.5	ft <sup>3</sup>
Tail Fill:	2,445'	

### Cement Data:

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

### Calculated # of Sacks:

# SK's Lead:	620
# SK's Tail:	660

<b>LC Tribal 15-26D-47 Proposed Cementing Program</b>
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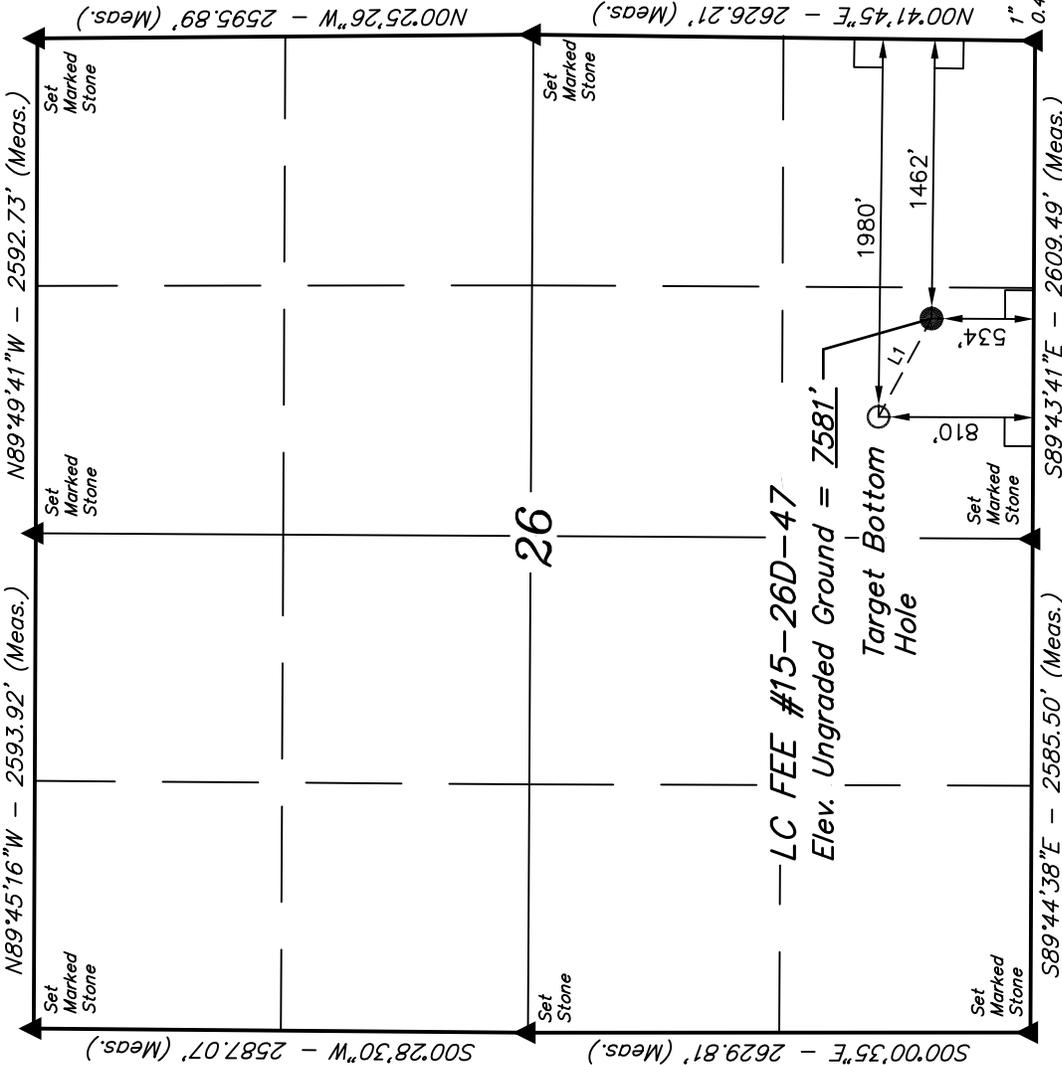
<u>Job Recommendation</u>	<u>Surface Casing</u>
<b>Lead Cement - (1100' - 0')</b>	
Halliburton Light Premium	Fluid Weight: 11.0 lbm/gal
5.0 lbm/sk Silicalite Compacted	Slurry Yield: 3.16 ft <sup>3</sup> /sk
0.25 lbm/sk Kwik Seal	Total Mixing Fluid: 19.48 Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid: 0'
2.0% Bentonite	Calculated Fill: 1,100'
	Volume: 107.37 bbl
	<b>Proposed Sacks: 210 sks</b>
<b>Tail Cement - (TD - 1100')</b>	
Premium Cement	Fluid Weight: 14.8 lbm/gal
2.0% Calcium Chloride	Slurry Yield: 1.36 ft <sup>3</sup> /sk
	Total Mixing Fluid: 6.37 Gal/sk
	Top of Fluid: 1,100'
	Calculated Fill: 500'
	Volume: 48.80 bbl
	<b>Proposed Sacks: 210 sks</b>

<u>Job Recommendation</u>	<u>Production Casing</u>
<b>Lead Cement - (4828' - 1100')</b>	
Tuned Light™ System	Fluid Weight: 11.0 lbm/gal
	Slurry Yield: 2.31 ft <sup>3</sup> /sk
	Total Mixing Fluid: 10.65 Gal/sk
	Top of Fluid: 1,100'
	Calculated Fill: 3,728'
	Volume: 251.56 bbl
	<b>Proposed Sacks: 620 sks</b>
<b>Tail Cement - (7273' - 4828')</b>	
Econocem™ System	Fluid Weight: 13.5 lbm/gal
0.125 lbm/sk Poly-E-Flake	Slurry Yield: 1.42 ft <sup>3</sup> /sk
1.0 lbm/sk Granulite TR 1/4	Total Mixing Fluid: 6.61 Gal/sk
	Top of Fluid: 4,828'
	Calculated Fill: 2,445'
	Volume: 165.00 bbl
	<b>Proposed Sacks: 660 sks</b>

**T4S, R7W, U.S.B.&M.**

**BILL BARRETT CORPORATION**

Well location, LC FEE #15-26D-47, located as shown in the SW 1/4 SE 1/4 of Section 26, T4S, R7W, 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.



SCALE  
CERTIFICATE

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

**KAY ROBERTA**  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH  
09-20012

REV: 09-18-12 C.A.G.  
REV: 02-29-12 S.L.  
REV: 02-01-12 Z.L.  
REV: 11-29-11 J.J.

**UINTAH ENGINEERING & LAND SURVEYING**

**85 SOUTH 200 EAST - VERNAL, UTAH 84078**  
(435) 789-1017

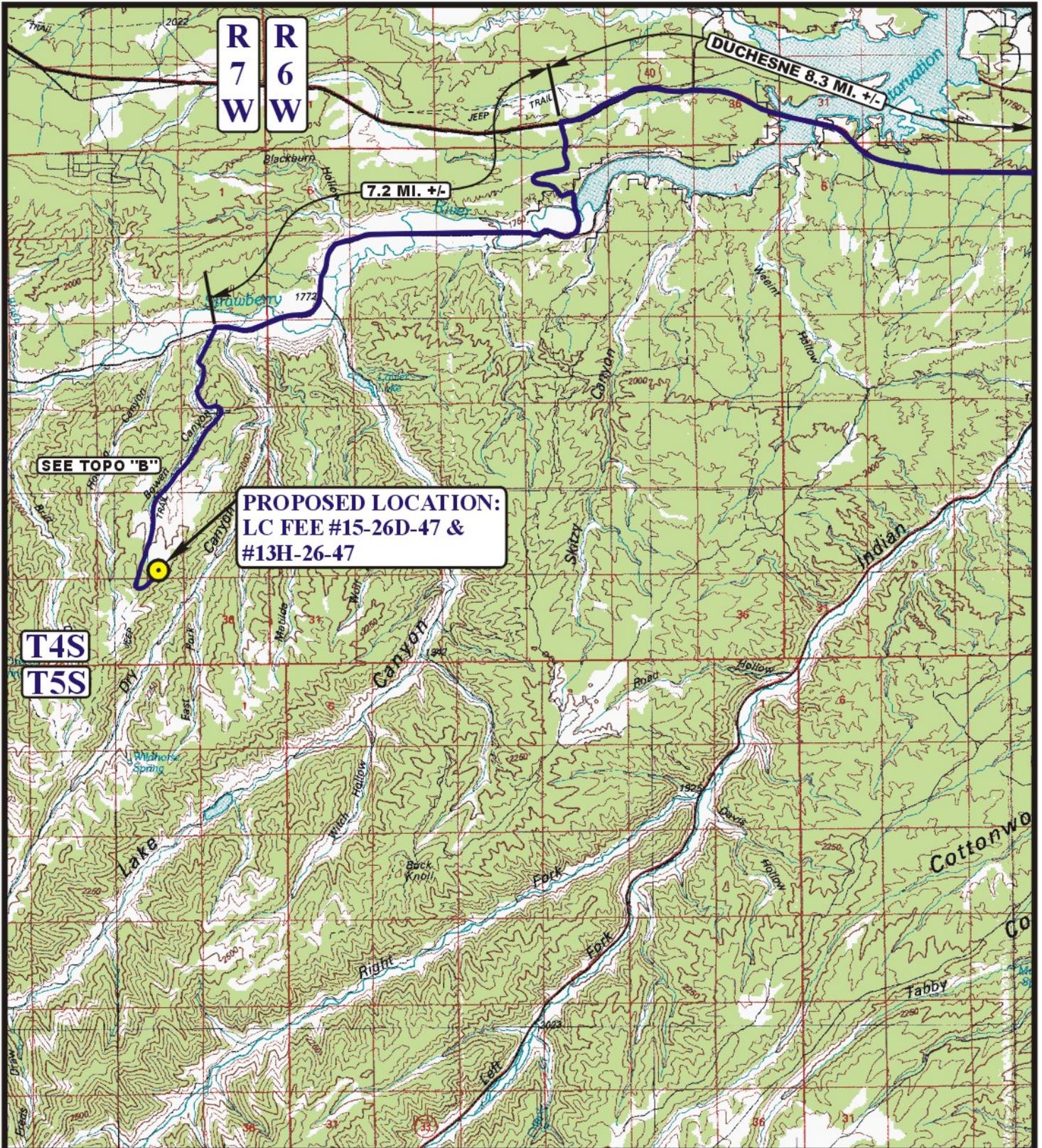
SCALE	1" = 1000'	DATE SURVEYED:	08-25-11	DATE DRAWN:	09-09-11
PARTY	T.A. C.N. K.O.	REFERENCES	G.L.O. PLAT		
WEATHER	WARM	FILE	BILL BARRETT CORPORATION		

LINE TABLE		
LINE	BEARING	LENGTH
L1	N61°38'43"W	585.33'

**LEGEND:**

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°05'56.84" (40.099122)	LATITUDE = 40°05'54.11" (40.098364)
LONGITUDE = 110°38'25.93" (110.640536)	LONGITUDE = 110°38'19.29" (110.638692)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°05'56.99" (40.099164)	LATITUDE = 40°05'54.26" (40.098406)
LONGITUDE = 110°38'23.37" (110.639825)	LONGITUDE = 110°38'16.73" (110.637981)



**LEGEND:**

 PROPOSED LOCATION



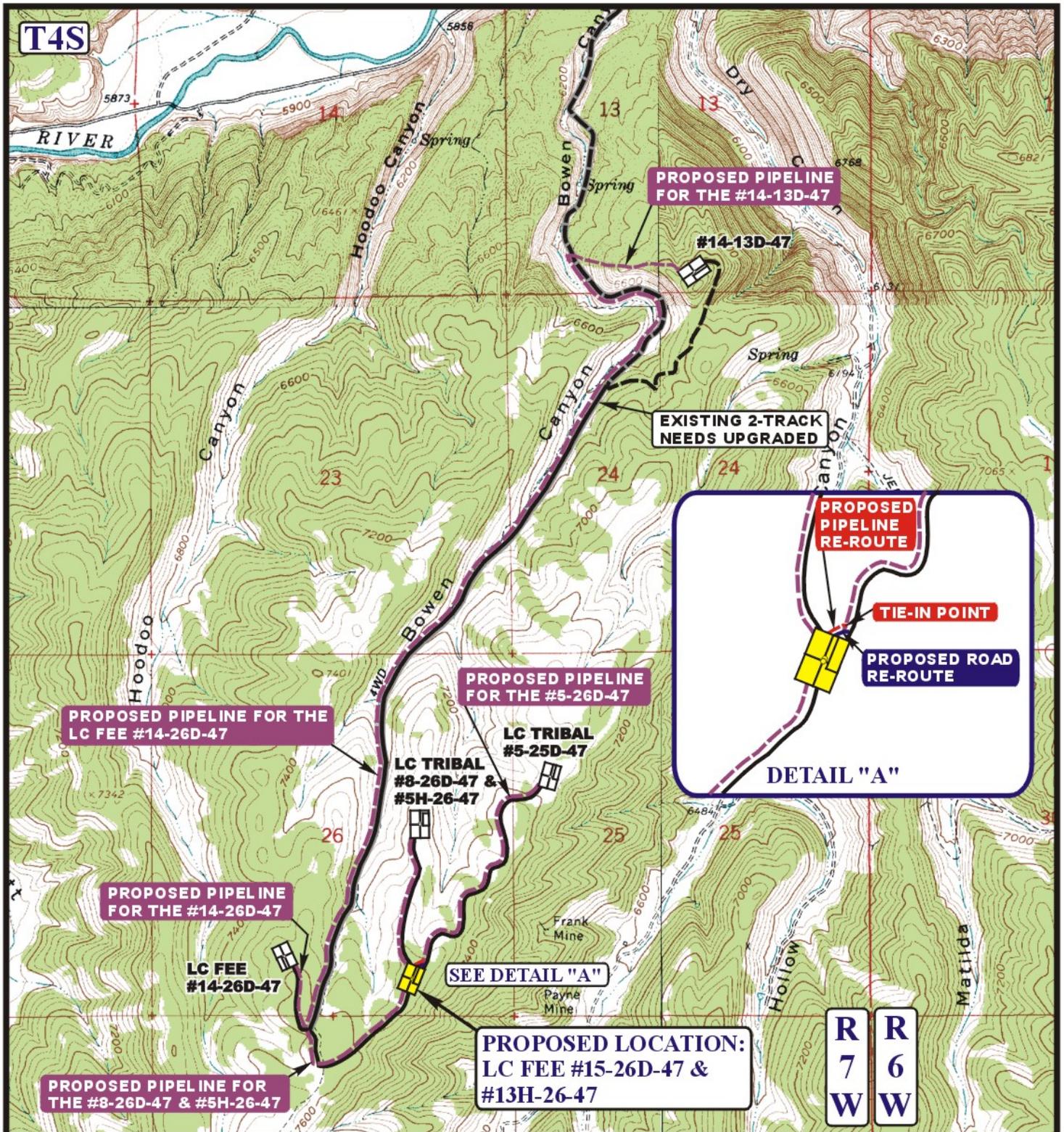
**BILL BARRETT CORPORATION**

LC FEE #15-26D-47 & #13H-26-47  
 SECTION 26, T4S, R7W, U.S.B.&M.  
 SW/4 SE/4

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

**ACCESS ROAD MAP** **08 30 11**  
 MONTH DAY YEAR  
 SCALE: 1:100,000 DRAWN BY: C.I. REV: 01-25-12 C.I. **A TOPO**





**APPROXIMATE TOTAL PIPELINE RE-ROUTE DISTANCE = 159' +/-**

**LEGEND:**

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE
-  PROPOSED PIPELINE (SERVICING OTHER WELLS)

**BILL BARRETT CORPORATION**

**LC FEE #15-26D-47 & #13H-26-47**  
**SECTION 26, T4S, R7W, U.S.B.&M.**  
**SW/4 SE/4**

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



**TOPOGRAPHIC MAP** 08 30 11  
 MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: C.I. REV: 01-25-12 C.I.





SITE DETAILS: 15-26D-47 LC Fee  
Lake Canyon

Site Latitude: 40° 5' 54.262 N  
Site Longitude: 110° 38' 16.732 W

**COMPANY DETAILS: BILL BARRETT CORP**

Calculation Method: Minimum Curvature  
Error System: ISCWSA  
Scan Method: Closest Approach 3D  
Error Surface: Elliptical Conic  
Warning Method: Error Ratio

Positional Uncertainty: 0.0  
Convergence: 0.55  
Local North: True

**WELL DETAILS: 15-26D-47 LC Fee**

Ground Level: 7576.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	644051.49	2241139.56	40° 5' 54.261 N	110° 38' 16.732 W	

**WELLBORE TARGET DETAILS (LAT/LONG)**

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
15-26D-47 LC Fee 3PT MKR	4836.0	276.1	-515.8	40° 5' 56.990 N	110° 38' 23.370 W	Rectangle (Sides: L200.0 W200.0)
15-26D-47 LC Fee PBHL	7206.0	276.1	-515.8	40° 5' 56.990 N	110° 38' 23.370 W	Rectangle (Sides: L200.0 W200.0)

**SECTION DETAILS**

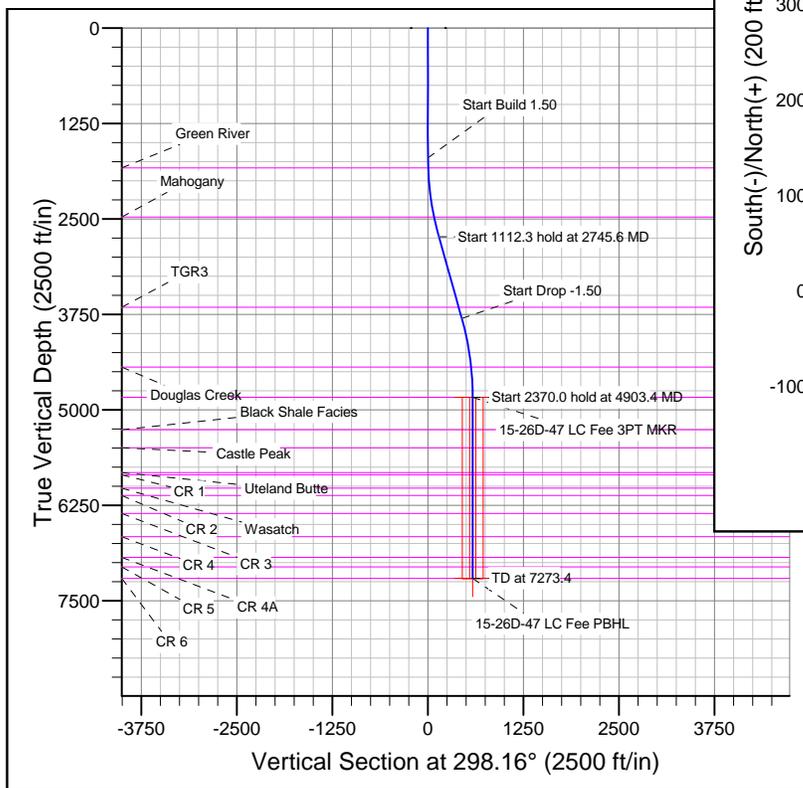
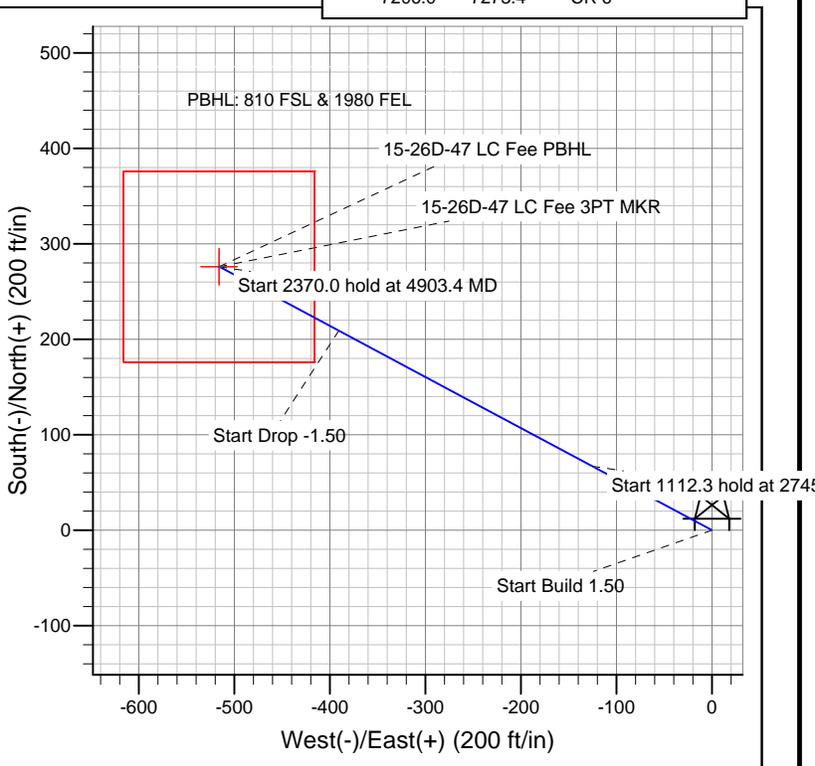
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1700.0	0.00	0.00	1700.0	0.0	0.0	0.00	0.00	0.0	
3	2745.6	15.68	298.16	2732.6	67.1	-125.4	1.50	298.16	142.2	
4	3857.9	15.68	298.16	3803.4	209.0	-390.5	0.00	0.00	442.9	
5	4903.4	0.00	0.00	4836.0	276.1	-515.8	1.50	180.00	585.1	15-26D-47 LC Fee 3PT MKR
6	7273.4	0.00	0.00	7206.0	276.1	-515.8	0.00	0.00	585.1	15-26D-47 LC Fee PBHL

**FORMATION TOP DETAILS**

TVDPath	MDPath	Formation
1831.0	1831.0	Green River
2476.0	2481.4	Mahogany
3656.0	3704.7	TGR3
4441.0	4507.7	Douglas Creek
4836.0	4903.4	3PT MKR
5261.0	5328.4	Black Shale Facies
5496.0	5563.4	Castle Peak
5821.0	5888.4	Uteland Butte
5851.0	5918.4	CR 1
6026.0	6093.4	Wasatch
6121.0	6188.4	CR 2
6356.0	6423.4	CR 3
6661.0	6728.4	CR 4
6931.0	6998.4	CR 4A
7056.0	7123.4	CR 5
7206.0	7273.4	CR 6

**CASING DETAILS**

No casing data is available



**Azimuths to True North**  
 Magnetic North: 11.33°  
**Magnetic Field**  
 Strength: 52034.4snT  
 Dip Angle: 65.68°  
 Date: 2/19/2013  
 Model: IGRF2010

## Bill Barrett Corp

## Planning Report

<b>Database:</b>	Compass	<b>Local Co-ordinate Reference:</b>	Well 15-26D-47 LC Fee
<b>Company:</b>	BILL BARRETT CORP	<b>TVD Reference:</b>	KB @ 7591.0ft (Original Well Elev)
<b>Project:</b>	DUCHESNE COUNTY, UT (NAD 27)	<b>MD Reference:</b>	KB @ 7591.0ft (Original Well Elev)
<b>Site:</b>	15-26D-47 LC Fee	<b>North Reference:</b>	True
<b>Well:</b>	15-26D-47 LC Fee	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

<b>Project</b>	DUCHESNE COUNTY, UT (NAD 27)		
<b>Map System:</b>	US State Plane 1927 (Exact solution)	<b>System Datum:</b>	Ground Level
<b>Geo Datum:</b>	NAD 1927 (NADCON CONUS)		
<b>Map Zone:</b>	Utah Central 4302		

<b>Site</b>	15-26D-47 LC Fee				
<b>Site Position:</b>		<b>Northing:</b>	644,051.51 ft	<b>Latitude:</b>	40° 5' 54.262 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,241,139.56 ft	<b>Longitude:</b>	110° 38' 16.732 W
<b>Position Uncertainty:</b>	0.0 ft	<b>Slot Radius:</b>	"	<b>Grid Convergence:</b>	0.55 °

<b>Well</b>	15-26D-47 LC Fee					
<b>Well Position</b>	<b>+N/-S</b>	0.0 ft	<b>Northing:</b>	644,051.49 ft	<b>Latitude:</b>	40° 5' 54.261 N
	<b>+E/-W</b>	0.0 ft	<b>Easting:</b>	2,241,139.56 ft	<b>Longitude:</b>	110° 38' 16.732 W
<b>Position Uncertainty</b>		0.0 ft	<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	7,576.0 ft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010	2/19/2013	11.34	65.68	52,034

<b>Design</b>	Design #1			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Direction (°)</b>
	0.0	0.0	0.0	298.16

<b>Plan Sections</b>										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,745.6	15.68	298.16	2,732.6	67.1	-125.4	1.50	1.50	0.00	298.16	
3,857.9	15.68	298.16	3,803.4	209.0	-390.5	0.00	0.00	0.00	0.00	
4,903.4	0.00	0.00	4,836.0	276.1	-515.8	1.50	-1.50	0.00	180.00	15-26D-47 LC Fee 3F
7,273.4	0.00	0.00	7,206.0	276.1	-515.8	0.00	0.00	0.00	0.00	15-26D-47 LC Fee PE

## Bill Barrett Corp

## Planning Report

<b>Database:</b>	Compass	<b>Local Co-ordinate Reference:</b>	Well 15-26D-47 LC Fee
<b>Company:</b>	BILL BARRETT CORP	<b>TVD Reference:</b>	KB @ 7591.0ft (Original Well Elev)
<b>Project:</b>	DUCHESNE COUNTY, UT (NAD 27)	<b>MD Reference:</b>	KB @ 7591.0ft (Original Well Elev)
<b>Site:</b>	15-26D-47 LC Fee	<b>North Reference:</b>	True
<b>Well:</b>	15-26D-47 LC Fee	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

## Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
<b>Start Build 1.50</b>									
1,800.0	1.50	298.16	1,800.0	0.6	-1.2	1.3	1.50	1.50	0.00
1,831.0	1.97	298.16	1,831.0	1.1	-2.0	2.2	1.50	1.50	0.00
<b>Green River</b>									
1,900.0	3.00	298.16	1,899.9	2.5	-4.6	5.2	1.50	1.50	0.00
2,000.0	4.50	298.16	1,999.7	5.6	-10.4	11.8	1.50	1.50	0.00
2,100.0	6.00	298.16	2,099.3	9.9	-18.4	20.9	1.50	1.50	0.00
2,200.0	7.50	298.16	2,198.6	15.4	-28.8	32.7	1.50	1.50	0.00
2,300.0	9.00	298.16	2,297.5	22.2	-41.5	47.0	1.50	1.50	0.00
2,400.0	10.50	298.16	2,396.1	30.2	-56.4	64.0	1.50	1.50	0.00
2,481.4	11.72	298.16	2,476.0	37.6	-70.2	79.7	1.50	1.50	0.00
<b>Mahogany</b>									
2,500.0	12.00	298.16	2,494.2	39.4	-73.6	83.5	1.50	1.50	0.00
2,600.0	13.50	298.16	2,591.7	49.8	-93.0	105.5	1.50	1.50	0.00
2,700.0	15.00	298.16	2,688.6	61.4	-114.7	130.2	1.50	1.50	0.00
2,745.6	15.68	298.16	2,732.6	67.1	-125.4	142.2	1.50	1.50	0.00
<b>Start 1112.3 hold at 2745.6 MD</b>									
2,800.0	15.68	298.16	2,785.0	74.1	-138.3	156.9	0.00	0.00	0.00
2,900.0	15.68	298.16	2,881.2	86.8	-162.2	184.0	0.00	0.00	0.00
3,000.0	15.68	298.16	2,977.5	99.6	-186.0	211.0	0.00	0.00	0.00
3,100.0	15.68	298.16	3,073.8	112.3	-209.8	238.0	0.00	0.00	0.00
3,200.0	15.68	298.16	3,170.1	125.1	-233.7	265.1	0.00	0.00	0.00
3,300.0	15.68	298.16	3,266.4	137.8	-257.5	292.1	0.00	0.00	0.00
3,400.0	15.68	298.16	3,362.6	150.6	-281.3	319.1	0.00	0.00	0.00
3,500.0	15.68	298.16	3,458.9	163.4	-305.2	346.1	0.00	0.00	0.00
3,600.0	15.68	298.16	3,555.2	176.1	-329.0	373.2	0.00	0.00	0.00
3,700.0	15.68	298.16	3,651.5	188.9	-352.8	400.2	0.00	0.00	0.00
3,704.7	15.68	298.16	3,656.0	189.5	-354.0	401.5	0.00	0.00	0.00
<b>TGR3</b>									
3,800.0	15.68	298.16	3,747.7	201.6	-376.7	427.2	0.00	0.00	0.00
3,857.9	15.68	298.16	3,803.4	209.0	-390.5	442.9	0.00	0.00	0.00
<b>Start Drop -1.50</b>									
3,900.0	15.05	298.16	3,844.1	214.3	-400.3	454.1	1.50	-1.50	0.00
4,000.0	13.55	298.16	3,941.0	225.9	-422.1	478.8	1.50	-1.50	0.00
4,100.0	12.05	298.16	4,038.5	236.4	-441.6	500.9	1.50	-1.50	0.00

**Bill Barrett Corp**

Planning Report

<b>Database:</b>	Compass	<b>Local Co-ordinate Reference:</b>	Well 15-26D-47 LC Fee
<b>Company:</b>	BILL BARRETT CORP	<b>TVD Reference:</b>	KB @ 7591.0ft (Original Well Elev)
<b>Project:</b>	DUCHESNE COUNTY, UT (NAD 27)	<b>MD Reference:</b>	KB @ 7591.0ft (Original Well Elev)
<b>Site:</b>	15-26D-47 LC Fee	<b>North Reference:</b>	True
<b>Well:</b>	15-26D-47 LC Fee	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
4,200.0	10.55	298.16	4,136.5	245.6	-458.9	520.5	1.50	-1.50	0.00	
4,300.0	9.05	298.16	4,235.1	253.7	-473.9	537.5	1.50	-1.50	0.00	
4,400.0	7.55	298.16	4,334.0	260.5	-486.6	552.0	1.50	-1.50	0.00	
4,500.0	6.05	298.16	4,433.3	266.1	-497.1	563.8	1.50	-1.50	0.00	
4,507.7	5.94	298.16	4,441.0	266.5	-497.8	564.6	1.50	-1.50	0.00	
<b>Douglas Creek</b>										
4,600.0	4.55	298.16	4,532.9	270.4	-505.2	573.1	1.50	-1.50	0.00	
4,700.0	3.05	298.16	4,632.7	273.6	-511.1	579.7	1.50	-1.50	0.00	
4,800.0	1.55	298.16	4,732.6	275.5	-514.6	583.7	1.50	-1.50	0.00	
4,900.0	0.05	298.16	4,832.6	276.1	-515.8	585.1	1.50	-1.50	0.00	
4,903.4	0.00	0.00	4,836.0	276.1	-515.8	585.1	1.50	-1.50	0.00	
<b>Start 2370.0 hold at 4903.4 MD - 3PT MKR</b>										
5,000.0	0.00	0.00	4,932.6	276.1	-515.8	585.1	0.00	0.00	0.00	
5,100.0	0.00	0.00	5,032.6	276.1	-515.8	585.1	0.00	0.00	0.00	
5,200.0	0.00	0.00	5,132.6	276.1	-515.8	585.1	0.00	0.00	0.00	
5,300.0	0.00	0.00	5,232.6	276.1	-515.8	585.1	0.00	0.00	0.00	
5,328.4	0.00	0.00	5,261.0	276.1	-515.8	585.1	0.00	0.00	0.00	
<b>Black Shale Facies</b>										
5,400.0	0.00	0.00	5,332.6	276.1	-515.8	585.1	0.00	0.00	0.00	
5,500.0	0.00	0.00	5,432.6	276.1	-515.8	585.1	0.00	0.00	0.00	
5,563.4	0.00	0.00	5,496.0	276.1	-515.8	585.1	0.00	0.00	0.00	
<b>Castle Peak</b>										
5,600.0	0.00	0.00	5,532.6	276.1	-515.8	585.1	0.00	0.00	0.00	
5,700.0	0.00	0.00	5,632.6	276.1	-515.8	585.1	0.00	0.00	0.00	
5,800.0	0.00	0.00	5,732.6	276.1	-515.8	585.1	0.00	0.00	0.00	
5,888.4	0.00	0.00	5,821.0	276.1	-515.8	585.1	0.00	0.00	0.00	
<b>Uteland Butte</b>										
5,900.0	0.00	0.00	5,832.6	276.1	-515.8	585.1	0.00	0.00	0.00	
5,918.4	0.00	0.00	5,851.0	276.1	-515.8	585.1	0.00	0.00	0.00	
<b>CR 1</b>										
6,000.0	0.00	0.00	5,932.6	276.1	-515.8	585.1	0.00	0.00	0.00	
6,093.4	0.00	0.00	6,026.0	276.1	-515.8	585.1	0.00	0.00	0.00	
<b>Wasatch</b>										
6,100.0	0.00	0.00	6,032.6	276.1	-515.8	585.1	0.00	0.00	0.00	
6,188.4	0.00	0.00	6,121.0	276.1	-515.8	585.1	0.00	0.00	0.00	
<b>CR 2</b>										
6,200.0	0.00	0.00	6,132.6	276.1	-515.8	585.1	0.00	0.00	0.00	
6,300.0	0.00	0.00	6,232.6	276.1	-515.8	585.1	0.00	0.00	0.00	
6,400.0	0.00	0.00	6,332.6	276.1	-515.8	585.1	0.00	0.00	0.00	
6,423.4	0.00	0.00	6,356.0	276.1	-515.8	585.1	0.00	0.00	0.00	
<b>CR 3</b>										
6,500.0	0.00	0.00	6,432.6	276.1	-515.8	585.1	0.00	0.00	0.00	
6,600.0	0.00	0.00	6,532.6	276.1	-515.8	585.1	0.00	0.00	0.00	
6,700.0	0.00	0.00	6,632.6	276.1	-515.8	585.1	0.00	0.00	0.00	
6,728.4	0.00	0.00	6,661.0	276.1	-515.8	585.1	0.00	0.00	0.00	
<b>CR 4</b>										
6,800.0	0.00	0.00	6,732.6	276.1	-515.8	585.1	0.00	0.00	0.00	
6,900.0	0.00	0.00	6,832.6	276.1	-515.8	585.1	0.00	0.00	0.00	
6,998.4	0.00	0.00	6,931.0	276.1	-515.8	585.1	0.00	0.00	0.00	
<b>CR 4A</b>										
7,000.0	0.00	0.00	6,932.6	276.1	-515.8	585.1	0.00	0.00	0.00	
7,100.0	0.00	0.00	7,032.6	276.1	-515.8	585.1	0.00	0.00	0.00	
7,123.4	0.00	0.00	7,056.0	276.1	-515.8	585.1	0.00	0.00	0.00	

**Bill Barrett Corp**

Planning Report

<b>Database:</b>	Compass	<b>Local Co-ordinate Reference:</b>	Well 15-26D-47 LC Fee
<b>Company:</b>	BILL BARRETT CORP	<b>TVD Reference:</b>	KB @ 7591.0ft (Original Well Elev)
<b>Project:</b>	DUCHESNE COUNTY, UT (NAD 27)	<b>MD Reference:</b>	KB @ 7591.0ft (Original Well Elev)
<b>Site:</b>	15-26D-47 LC Fee	<b>North Reference:</b>	True
<b>Well:</b>	15-26D-47 LC Fee	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
<b>CR 5</b>										
7,200.0	0.00	0.00	7,132.6	276.1	-515.8	585.1	0.00	0.00	0.00	
7,273.4	0.00	0.00	7,206.0	276.1	-515.8	585.1	0.00	0.00	0.00	
<b>TD at 7273.4 - CR 6</b>										

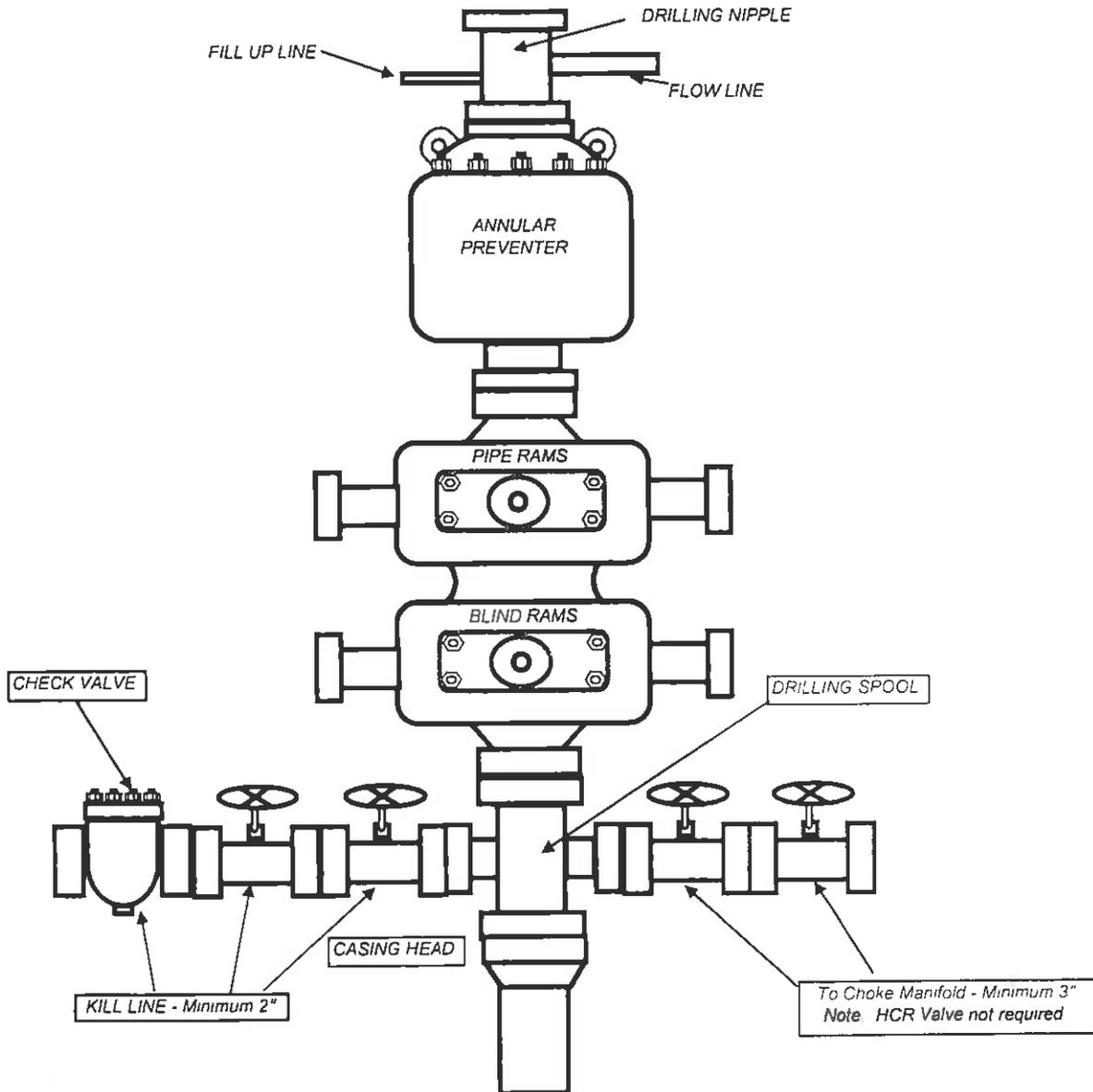
Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude	
15-26D-47 LC Fee PBHI - hit/miss target - Shape - Rectangle (sides W200.0 H200.0 D0.0)	0.00	0.00	7,206.0	276.1	-515.8	644,322.63	2,240,621.09	40° 5' 56.990 N	110° 38' 23.370 W	
15-26D-47 LC Fee 3PT   - plan hits target - Rectangle (sides W200.0 H200.0 D2,370.0)	0.00	0.00	4,836.0	276.1	-515.8	644,322.63	2,240,621.09	40° 5' 56.990 N	110° 38' 23.370 W	

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
1,831.0	1,831.0	Green River		0.00		
2,481.4	2,476.0	Mahogany		0.00		
3,704.7	3,656.0	TGR3		0.00		
4,507.7	4,441.0	Douglas Creek		0.00		
4,903.4	4,836.0	3PT MKR		0.00		
5,328.4	5,261.0	Black Shale Facies		0.00		
5,563.4	5,496.0	Castle Peak		0.00		
5,888.4	5,821.0	Uteland Butte		0.00		
5,918.4	5,851.0	CR 1		0.00		
6,093.4	6,026.0	Wasatch		0.00		
6,188.4	6,121.0	CR 2		0.00		
6,423.4	6,356.0	CR 3		0.00		
6,728.4	6,661.0	CR 4		0.00		
6,998.4	6,931.0	CR 4A		0.00		
7,123.4	7,056.0	CR 5		0.00		
7,273.4	7,206.0	CR 6		0.00		

Plan Annotations					
Measured Depth (ft)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Comment	
1,700.0	1,700.0	0.0	0.0	Start Build 1.50	
2,745.6	2,732.6	67.1	-125.4	Start 1112.3 hold at 2745.6 MD	
3,857.9	3,803.4	209.0	-390.5	Start Drop -1.50	
4,903.4	4,836.0	276.1	-515.8	Start 2370.0 hold at 4903.4 MD	
7,273.4	7,206.0	276.1	-515.8	TD at 7273.4	

# BILL BARRETT CORPORATION

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







February 21, 2013

Ms. Diana Mason – Petroleum Technician  
State of Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801

Re: Directional Drilling R649-3-11  
**Lake Canyon Area #15-26D-47 LC Fee Well**  
Surface: 534' FSL & 1462' FEL, SWSE, 26-T4S-R7W, USM  
Bottom Hole: 810' FSL & 1980' FEL, SWSE, 26-T4S-R7W, USM  
Duchesne County, Utah

Dear Ms. Mason,

Pursuant to the filing of Bill Barrett Corporation's ("BBC") Application for Permit to Drill the above referenced well, we hereby submit this letter in accordance with Oil & Gas Conservation Rules R649-2, R649-3, R649-10 and R649-11, pertaining to the Location and Siting of Wells.

- The proposed location is within our Lake Canyon Area.
- BBC is permitting this well as a directional well in order to minimize surface disturbance. By locating the well at the surface location and directionally drilling from this location, BBC will be able to utilize the existing road and pipelines in the area.
- The well will be drilled under an Exploration and Development Agreement between the Ute Indian Tribe and Ute Distribution Corporation. Ute Energy, LLC owns a right to participate in this well.
- BBC certifies that it is the working interest owner of all lands within 460 feet of the proposed well location, and together with Ute Energy, LLC, we own 100% of the working interest in these lands.

Based on the information provided, BBC requests that the permit be granted pursuant to R649-3-11. Should you have any questions or need further information, please contact me at 303-312-8544.

Sincerely,

A handwritten signature in blue ink that reads 'David Watts'.

David Watts  
Landman

1099 18<sup>TH</sup> STREET  
SUITE 2300  
DENVER, CO 80202  
P 303.293.9100  
F 303.291.0420

**RECEIVED:** February 21, 2013

**BILL BARRETT CORPORATION**

LOCATION LAYOUT FOR

LC FEE #15-26D-47 & #13H-26-47

SECTION 26, T4S, R7W, U.S.B.&M.

SW 1/4 SE 1/4

**FIGURE #1**

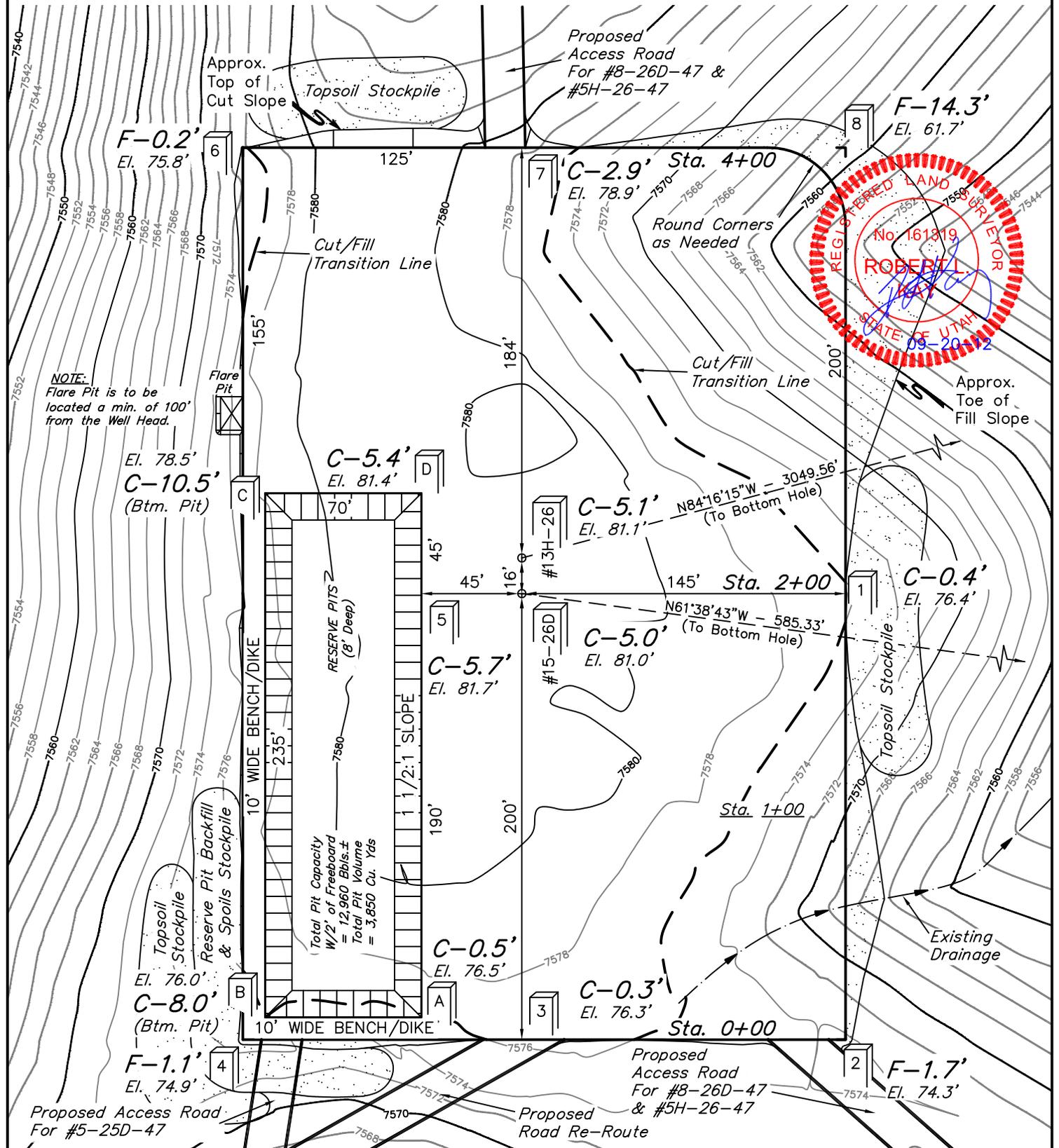
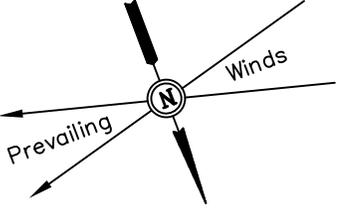
SCALE: 1" = 60'

DATE: 02-01-12

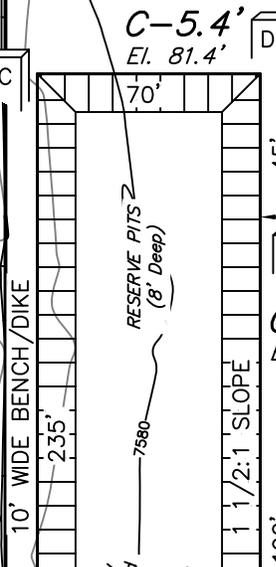
DRAWN BY: Z.L.

REV: 02-29-12 S.L.

REV: 09-18-12 C.A.G.



**NOTE:**  
Flare Pit is to be located a min. of 100' from the Well Head.



Total Pit Capacity  
W/2' of Freeboard  
= 12,960 Bbls.±  
Total Pit Volume  
= 3,850 Cu. Yds

Elev. Ungraded Ground At #15-26D Loc. Stake = 7581.0'  
FINISHED GRADE ELEV. AT #15-26D LOC. STAKE = 7576.0'

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

RECEIVED: February 21, 2013

**BILL BARRETT CORPORATION**

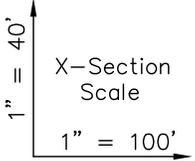
**TYPICAL CROSS SECTIONS FOR**

LC FEE #15-26D-47 & #13H-26-47

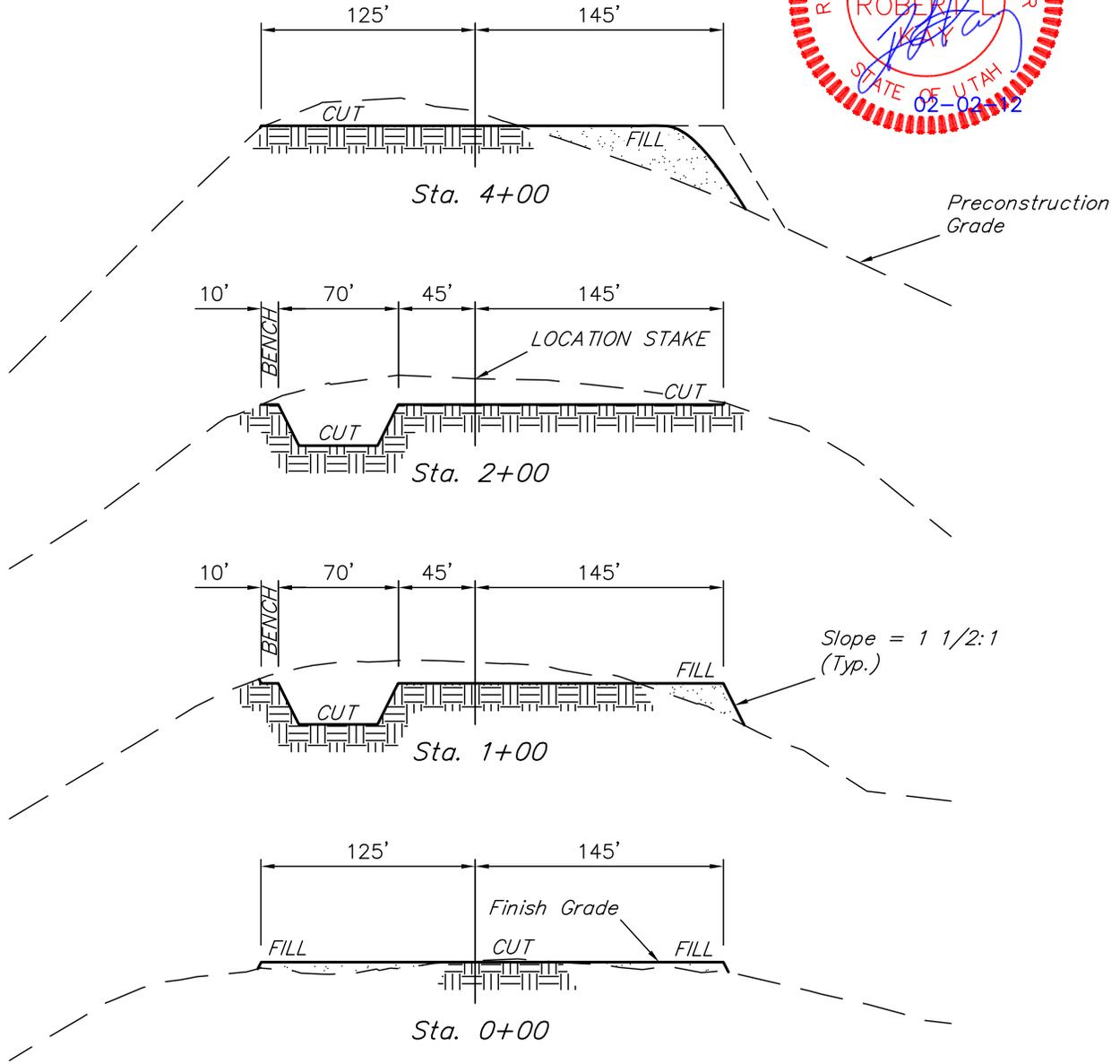
SECTION 26, T4S, R7W, U.S.B.&M.

SW 1/4 SE 1/4

**FIGURE #2**



DATE: 02-01-12  
DRAWN BY: Z.L.



**NOTE:**

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

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE	= ± 3.121 ACRES
ROAD RE-ROUTE DISTURBANCE	= ± 0.059 ACRES
PIPELINE RE-ROUTE DISTURBANCE	= ± 0.082 ACRES
<b>TOTAL</b>	<b>= ± 3.262 ACRES</b>

\* NOTE:  
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(12") Topsoil Stripping	= 4,490 Cu. Yds.
Remaining Location	= 10,750 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 15,240 CU.YDS.</b>
<b>FILL</b>	<b>= 8,820 CU.YDS.</b>

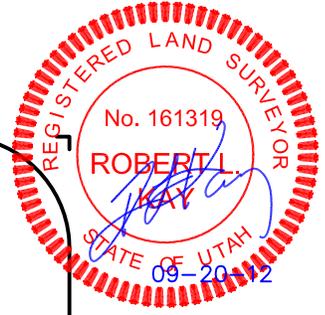
EXCESS MATERIAL	= 6,420 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 6,420 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 0 Cu. Yds.

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

**BILL BARRETT CORPORATION**  
 TYPICAL RIG LAYOUT FOR  
 LC FEE #15-26D-47 & #13H-26-47  
 SECTION 26, T4S, R7W, U.S.B.&M.  
 SW 1/4 SE 1/4

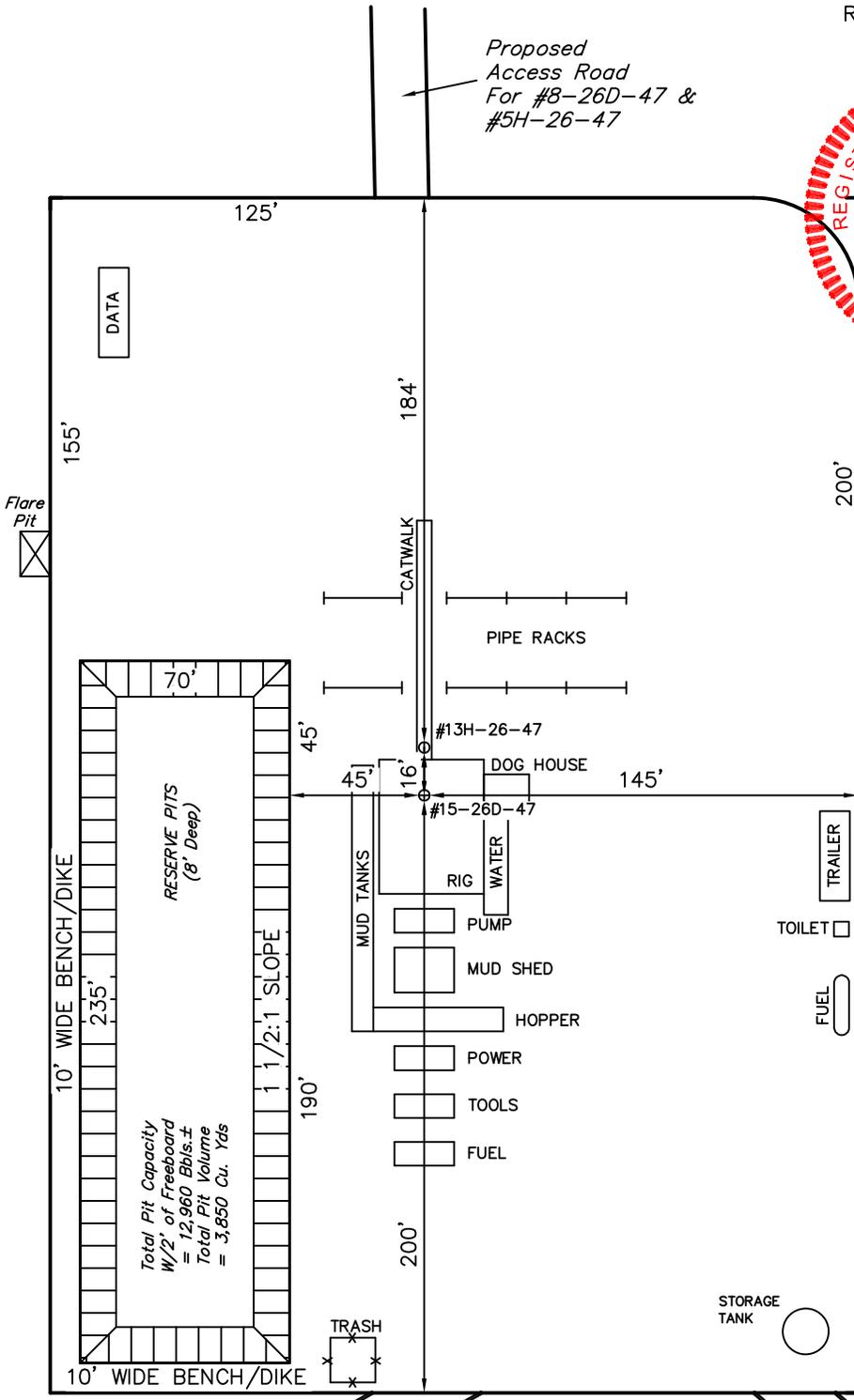
FIGURE #3

SCALE: 1" = 60'  
 DATE: 02-01-12  
 DRAWN BY: Z.L.  
 REV: 09-18-12 C.A.G.



Proposed  
 Access Road  
 For #8-26D-47 &  
 #5H-26-47

**NOTE:**  
 Flare Pit is to be  
 located a min. of 100'  
 from the Well Head.



Proposed  
 Access Road  
 For #8-26D-47  
 & #5H-26-47  
 Proposed  
 Road Re-Route

10' WIDE BENCH/DIKE  
 235'  
 RESERVE PITS  
 (8' Deep)  
 1 1/2:1 SLOPE  
 190'  
 10' WIDE BENCH/DIKE

Total Pit Capacity  
 W/2' of Freeboard  
 = 12,960 Bbls.±  
 Total Pit Volume  
 = 3,850 Cu. Yds

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

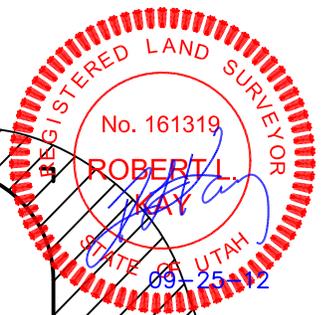
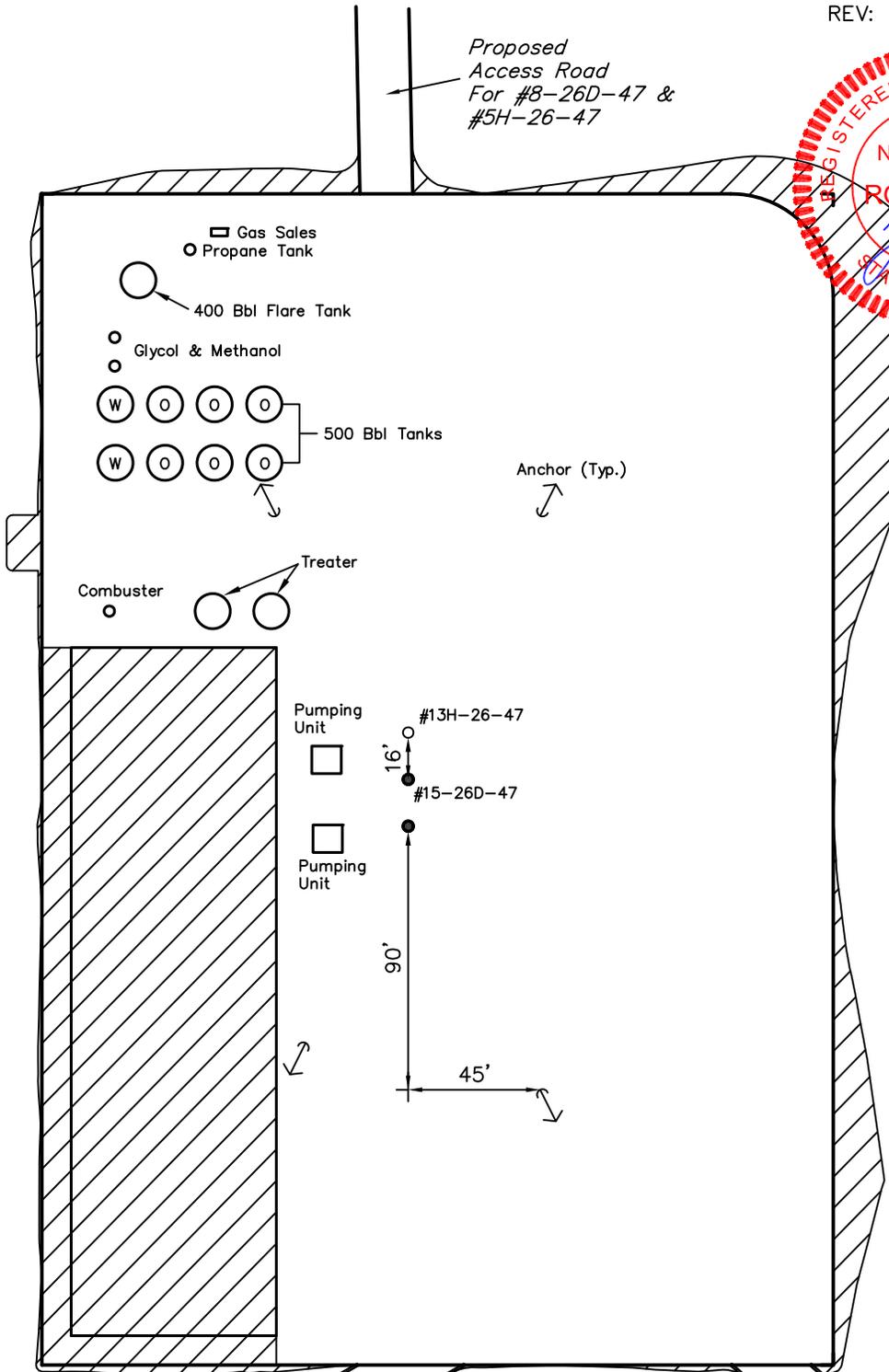
RECEIVED: February 21, 2013



**BILL BARRETT CORPORATION**  
**INTERIM RECLAMATION PLAN FOR**  
**LC FEE #15-26D-47 & #13H-26-47**  
**SECTION 26, T4S, R7W, U.S.B.&M.**  
**SW 1/4 SE 1/4**

**FIGURE #4**

SCALE: 1" = 60'  
DATE: 02-01-12  
DRAWN BY: Z.L.  
REV: 09-24-12 K.O.

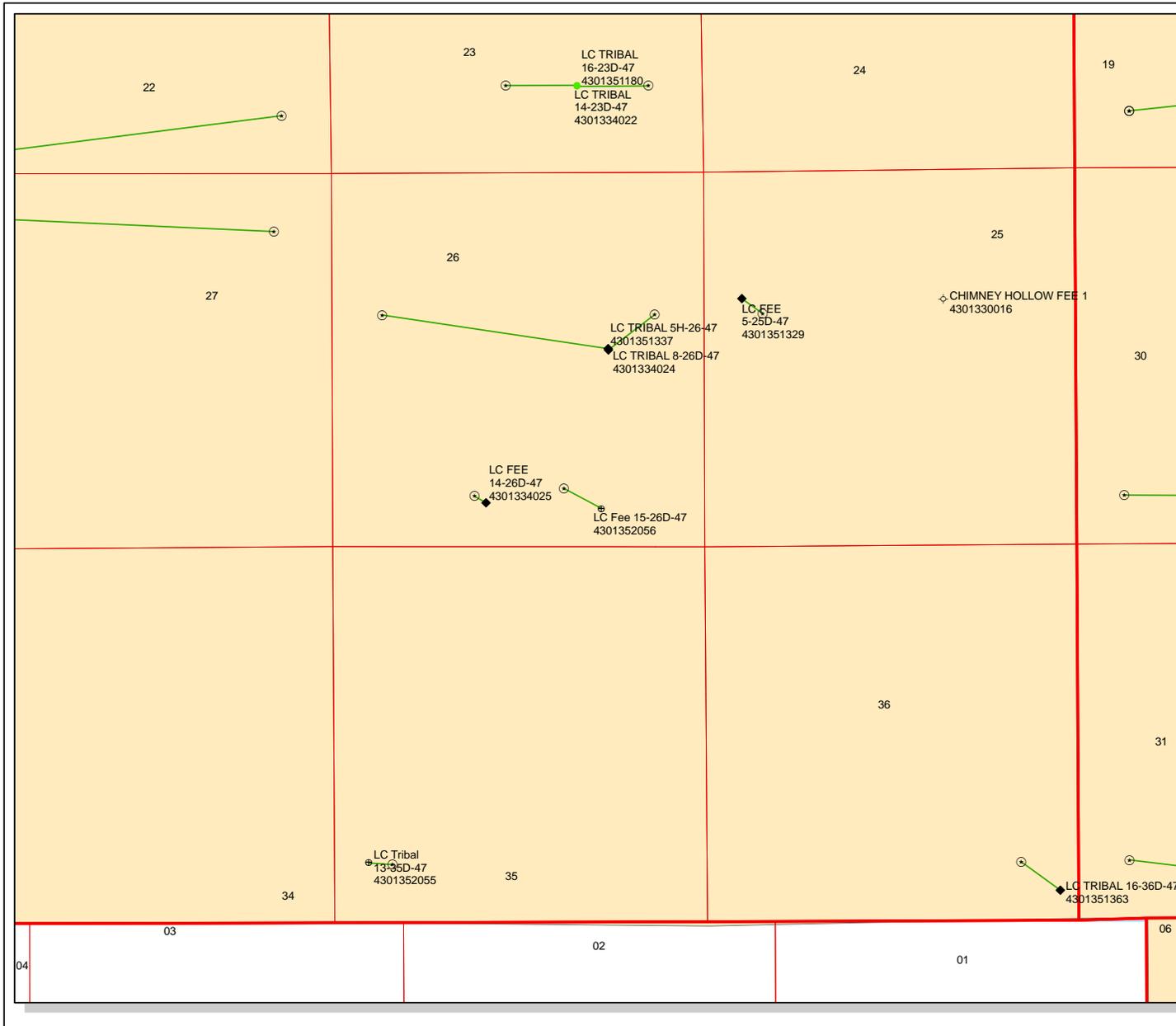


 INTERIM RECLAMATION

**APPROXIMATE ACREAGES**  
UN-RECLAIMED = ± 2.023 ACRES

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

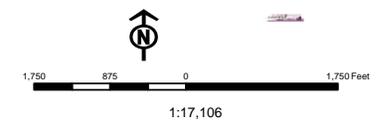
**RECEIVED:** February 21, 2013



**API Number: 4301352056**  
**Well Name: LC Fee 15-26D-47**  
**Township T04.0S Range R07.0W Section 26**  
**Meridian: UBM**  
**Operator: BILL BARRETT CORP**

Map Prepared:  
 Map Produced by Diana Mason

- Units STATUS**
- ACTIVE
  - EXPLORATORY
  - GAS STORAGE
  - NF PP OIL
  - NF SECONDARY
  - PI OIL
  - PP GAS
  - PP GEOTHERMAL
  - PP OIL
  - SECONDARY
  - TERMINATED
- Fields STATUS**
- Unknown
  - ABANDONED
  - ACTIVE
  - COMBINED
  - INACTIVE
  - STORAGE
  - TERMINATED



Well Name	BILL BARRETT CORP LC Fee 15-26D-47 43013520560000			
String	COND	SURF	PROD	
Casing Size(")	16.000	9.625	9.625	
Setting Depth (TVD)	80	1600	7206	
Previous Shoe Setting Depth (TVD)	0	80	1600	
Max Mud Weight (ppg)	8.8	8.8	9.6	
BOPE Proposed (psi)	0	500	5000	
Casing Internal Yield (psi)	1000	3520	10640	
Operators Max Anticipated Pressure (psi)	3597		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 Fresh wtr spud mud
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=		80	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

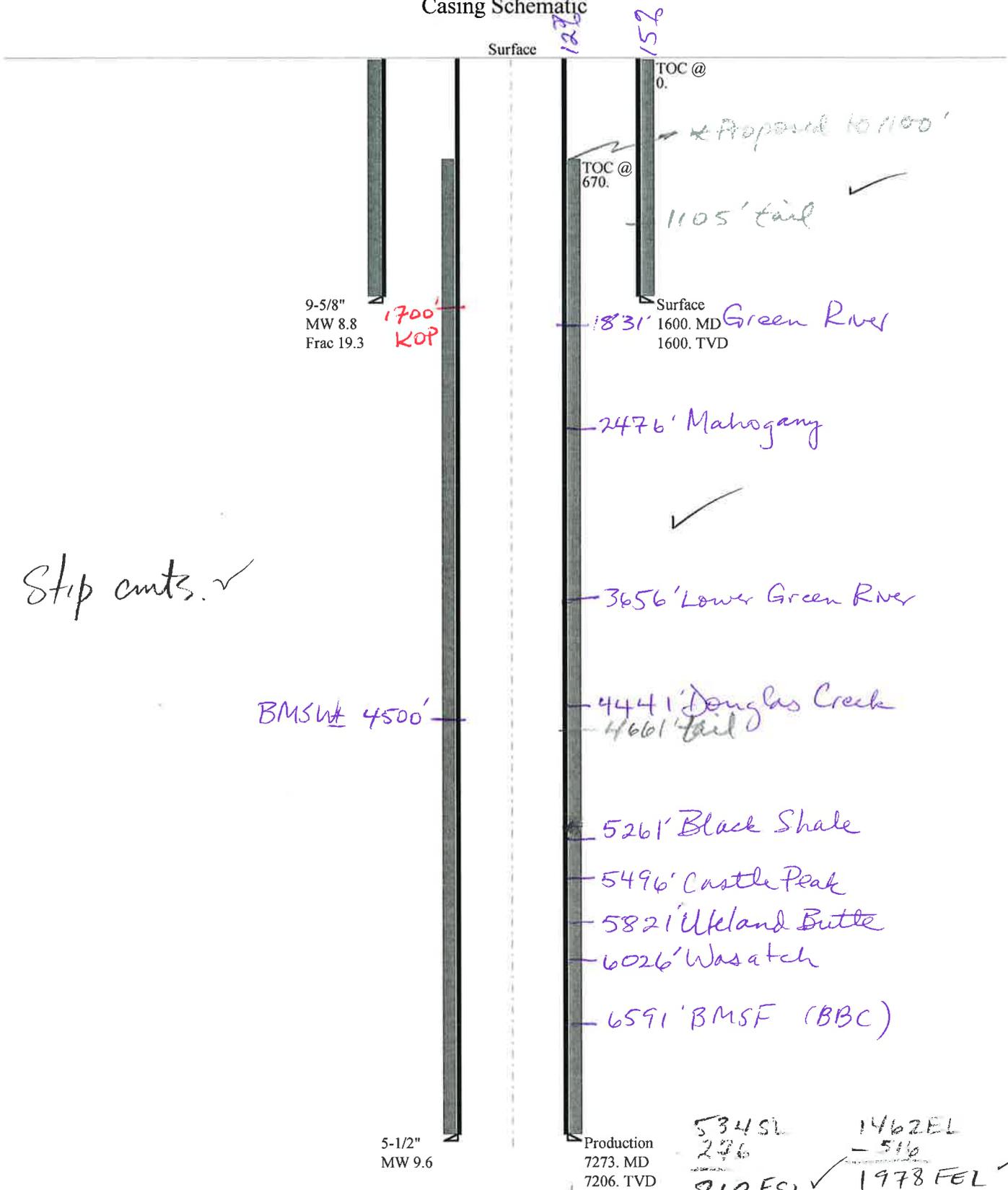
Calculations	SURF String	9.625	"
Max BHP (psi)	.052*Setting Depth*MW=	732	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	540	NO Fresh wtr spud mud, diverter or rotate head
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	380	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	398	NO OK
Required Casing/BOPE Test Pressure=		1600	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=	3597	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	2732	YES DAP polymer fluid, 11" 5M Ram Type BOP &
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2012	YES 5M Annular
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	2364	NO OK
Required Casing/BOPE Test Pressure=		5000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		1600	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

# 43013520560000 LC Fee 15-26D-47

## Casing Schematic



9-5/8"  
MW 8.8  
Frac 19.3  
1700' KOP

Surface  
1276  
152  
TOC @ 0.  
TOC @ 670.  
\* Proposed to 1100'  
1105' tail ✓  
Surface  
1831' 1600. MD Green River  
1600. TVD

2476' Mahogany ✓  
3656' Lower Green River  
4441' Douglas Creek  
4661' tail  
5261' Black Shale  
5496' Castle Peak  
5821' Ukland Butte  
6026' Wasatch  
6591' BMSF (BBC)

Strip cmts. ✓

BMSW 4500'

5-1/2"  
MW 9.6

Production  
7273. MD  
7206. TVD

534 SL 1462 EL  
276 - 516  
810 FSL ✓ 1978 FEL ✓ OK  
SW SE Sec 26-45-7W

Well name:	<b>43013520560000 LC Fee 15-26D-47</b>		
Operator:	<b>BILL BARRETT CORP.</b>		
String type:	Surface	Project ID:	43-013-52056
Location:	DUCHESNE COUNTY		

**Design parameters:**

**Collapse**

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

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
 Surface temperature: 74 °F  
 Bottom hole temperature: 96 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 100 ft

Cement top: Surface

**Burst**

Max anticipated surface pressure: 1,408 psi  
 Internal gradient: 0.120 psi/ft  
 Calculated BHP 1,600 psi

No backup mud specified.

**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: 1,392 ft

**Non-directional string.**

**Re subsequent strings:**

Next setting depth: 7,206 ft  
 Next mud weight: 9.600 ppg  
 Next setting BHP: 3,593 psi  
 Fracture mud wt: 19.250 ppg  
 Fracture depth: 1,600 ft  
 Injection pressure: 1,600 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	1600	9.625	36.00	J-55	ST&C	1600	1600	8.796	13908
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	731	2020	2.762	1600	3520	2.20	57.6	394	6.84 J

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

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

Date: April 1, 2013  
 Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 1600 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:	<b>43013520560000 LC Fee 15-26D-47</b>		
Operator:	<b>BILL BARRETT CORP.</b>		
String type:	Production	Project ID:	43-013-52056
Location:	DUCHESNE COUNTY		

**Design parameters:**

**Collapse**

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

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
 Surface temperature: 74 °F  
 Bottom hole temperature: 175 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,000 ft  
 Cement top: 670 ft

**Burst**

Max anticipated surface pressure: 2,008 psi  
 Internal gradient: 0.220 psi/ft  
 Calculated BHP 3,593 psi

No backup mud specified.

**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: 6,224 ft

**Directional Info - Build & Hold**

Kick-off point 1700 ft  
 Departure at shoe: 585 ft  
 Maximum dogleg: 1.5 °/100ft  
 Inclination at shoe: 0 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	7273	5.5	17.00	P-110	LT&C	7206	7273	4.767	47906
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	3593	7480	2.082	3593	10640	2.96	122.5	445	3.63 J

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

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

Date: April 1, 2013  
 Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 7206 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.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

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

---

<b>APD No</b>	<b>API WellNo</b>	<b>Status</b>	<b>Well Type</b>	<b>Surf Owner</b>	<b>CBM</b>
7686	43013520560000	LOCKED	OW	I	No
<b>Operator</b>	BILL BARRETT CORP		<b>Surface Owner-APD</b>		
<b>Well Name</b>	LC Fee 15-26D-47		<b>Unit</b>		
<b>Field</b>	WILDCAT		<b>Type of Work</b>	DRILL	
<b>Location</b>	SWSE 26 4S 7W U 534 FSL 1462 FEL GPS Coord (UTM) 530806E 4438726N				

**Geologic Statement of Basis**

Bill Barrett proposes to set 80 ' of conductor and 1,600' of surface casing at this location. Conductor and surface casing holes will be drilled with a fresh water mud system. The base of the moderately saline water is at approximately 4,500 feet in this area. This location lies on the Green River Formation. Good aquifers can be found in the Green River Formation and associated alluvium. A search of Division of Water Rights records indicates no water wells within a 10,000 foot radius of the center of Section 26. 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**

3/26/2013  
**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**

3/26/2013  
**Date / Time**

**Conditions of Approval / Application for Permit to Drill**

<b>Category</b>	<b>Condition</b>
	None.

## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 2/21/2013

API NO. ASSIGNED: 43013520560000

WELL NAME: LC Fee 15-26D-47

OPERATOR: BILL BARRETT CORP (N2165)

PHONE NUMBER: 303 312-8172

CONTACT: Venessa Langmacher

PROPOSED LOCATION: SWSE 26 040S 070W

Permit Tech Review: 

SURFACE: 0534 FSL 1462 FEL

Engineering Review: 

BOTTOM: 0810 FSL 1980 FEL

Geology Review: 

COUNTY: DUCHESNE

LATITUDE: 40.09827

LONGITUDE: -110.63859

UTM SURF EASTINGS: 530806.00

NORTHINGS: 4438726.00

FIELD NAME: WILDCAT

LEASE TYPE: 4 - Fee

LEASE NUMBER: Fee

PROPOSED PRODUCING FORMATION(S): GREEN RIVER(LWR)-WASATCH

SURFACE OWNER: 2 - Indian

COALBED METHANE: NO

## RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: STATE - 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

Commingling 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 Prod LGRRV-WSTC Wells
- R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations:

- 1 - Exception Location - bhill
- 4 - Federal Approval - dmason
- 5 - Statement of Basis - bhill
- 12 - Cement Volume (3) - hmacdonald
- 15 - Directional - dmason
- 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:** LC Fee 15-26D-47

**API Well Number:** 43013520560000

**Lease Number:** Fee

**Surface Owner:** INDIAN

**Approval Date:** 4/9/2013

### 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(LWR)-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

### Exception Location:

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

### General:

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

### Conditions of Approval:

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

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

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 1100' 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:**

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

For John Rogers  
Associate Director, Oil & Gas

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9  <b>5.LEASE DESIGNATION AND SERIAL NUMBER:</b> Fee
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE
<b>1. TYPE OF WELL</b> Oil Well		<b>7.UNIT or CA AGREEMENT NAME:</b>
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>8. WELL NAME and NUMBER:</b> LC Fee 15-26D-47
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>9. API NUMBER:</b> 43013520560000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0534 FSL 1462 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSE Section: 26 Township: 04.0S Range: 07.0W Meridian: U		<b>9. FIELD and POOL or WILDCAT:</b> WILDCAT
		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 4/9/2015	<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 checked="" type="checkbox"/> APD EXTENSION OTHER: <input style="width: 50px;" type="text"/>
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:			
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:			
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:			

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

BBC hereby requests a one year extension for APD

**Approved by the**  
**Feb Davis**, 2015  
**Oil, Gas and Mining**

**Date:** \_\_\_\_\_

**By:**

<b>NAME (PLEASE PRINT)</b> Christina Hirtler	<b>PHONE NUMBER</b> 303 312-8597	<b>TITLE</b> Administrative Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 2/11/2015	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Request for Permit Extension Validation Well Number 43013520560000**

API: 43013520560000

Well Name: LC Fee 15-26D-47

Location: 0534 FSL 1462 FEL QTR SWSE SEC 26 TWNP 040S RNG 070W MER U

Company Permit Issued to: BILL BARRETT CORP

Date Original Permit Issued: 4/9/2013

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

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

Signature: Christina Hirtler

Date: 2/11/2015

Title: Administrative Assistant Representing: BILL BARRETT CORP



GARY R. HERBERT  
Governor

SPENCER J. COX  
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

April 7, 2016

Brady Riley  
BILL BARRETT CORPORATION  
1099 18th Street | Suite 2300  
Denver, CO 80202

Re: APDs Rescinded for Bill Barrett Corporation, Duchesne County

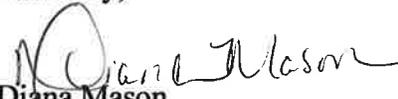
Dear Ms. Riley:

Enclosed find the list of APDs that is being rescinded. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded as of April 7, 2016.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

  
Diana Mason  
Environmental Scientist

cc: Well File  
Bureau of Land Management, Vernal

43-013-52058 LC Fee 4-24D-47  
43-013-52056 LC Fee 15-26D-47  
43-013-52090 LC Fee 5-34D-47  
43-013-52081 LC Fee 5-35D-47



Diana Mason <dianawhitney@utah.gov>

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## BBC Rescind Request

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Brady Riley <briley@billbarrettcorp.com>  
To: "dianawhitney@utah.gov" <dianawhitney@utah.gov>

Thu, Apr 7, 2016 at 9:22 AM

Diana,

Please rescind the following approved APDs, as they expire this month and BBC would like to refile these permits.

LC Fee 4-24D-47

LC Fee 15-26D-47

LC Fee 5-34D-47

LC Fee 5-35D-47

Thanks and please let me know if you have questions.

*Brady Riley*

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### **BILL BARRETT CORPORATION**

1099 18th Street | Suite 2300

Denver, CO 80202

D 303.312.8115

C 720.402.7541

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