

**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 Tribal 5H-23-46					
<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> ALTAMONT					
<b>4. TYPE OF WELL</b> Oil Well      Coalbed Methane Well: NO						<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@billbarrettcorp.com					
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> 2OG0005500			<b>11. MINERAL OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			<b>12. SURFACE OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>					
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b> UWDR						<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>					
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b> 1594 W North Temple, Suite 2110, Salt Lake City, UT 84114						<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 type="checkbox"/> HORIZONTAL <input checked="" 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		2154 FNL 660 FEL		SENE	23	4.0 S	6.0 W	U			
Top of Uppermost Producing Zone		2121 FNL 1251 FEL		SENE	23	4.0 S	6.0 W	U			
At Total Depth		1980 FNL 700 FWL		SWNW	23	4.0 S	6.0 W	U			
<b>21. COUNTY</b> DUCHESNE			<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 700			<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> 2984			<b>26. PROPOSED DEPTH</b> MD: 9618    TVD: 5877					
<b>27. ELEVATION - GROUND LEVEL</b> 6829			<b>28. BOND NUMBER</b> LPM8874725			<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 - 1800	36.0	J-55 ST&C	8.8	Halliburton Light , Type Unknown		240	3.16	11.0
							Halliburton Premium , Type Unknown		210	1.36	14.8
I1	8.75	7	0 - 6333	26.0	P-110 LT&C	9.2	Unknown		280	3.14	14.8
							Unknown		140	1.42	13.5
L1	6.125	4.5	0 - 9618	11.6	P-110 LT&C	9.5	No Used		0	0.0	0.0
<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 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 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> 08/23/2012			<b>EMAIL</b> vlangmacher@billbarrettcorp.com					
<b>API NUMBER ASSIGNED</b> 43013516550000			<b>APPROVAL</b>			 Permit Manager					

**DRILLING PLAN**

BILL BARRETT CORPORATION

LC Tribal 5H-23-46

SHL: SE NE, 2154' FNL and 660' FEL, Section 23, T4S-R6W

BHL: SW NW, 1980' FNL and 700' FWL, Section 23, T4S-R6W

Duchesne Co., UT

Bill Barrett Corporation (BBC) intends to drill a horizontal through the prospective zone within the Uteland Butte.

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

**HORIZONTAL LEG FORMATION TOPS**

<b>Formation</b>	<b>Depth – MD</b>	<b>Depth - TVD</b>
Green River	1,967'	1,967'
Surface casing	1,800'	1,800'
Mahogany	2,517'	2,517'
TGR3	3,647'	3,647'
Douglas Creek	4,622'	4,622'
3 PT Marker	4,997'	4,997'
Black Shale Facies	5,437'	5,437'
Castle Peak	5,630'	5,625'
*Uteland Butte	6,028'	5,917'
CR1	6,093'	5,945'
CR1A Base	6,229'	5,980'
TD	9,618'	5,877'

**\*PROSPECTIVE PAY**

The Uteland Butte CR1 is the primary objective for oil/gas.

Base of Useable Water = 1,337'

**4. Casing Program**

<b>Hole Size</b>	<b>SETTING DEPTH (FROM) (TO)</b>		<b>Casing Size</b>	<b>Casing Weight</b>	<b>Casing Grade</b>	<b>Thread</b>	<b>Condition</b>
12-1/4"	surface	1,800'	9 5/8"	36.0 ppf	J or K 55	ST&C	New
8 3/4"	surface	6,333'	7"	26.0 ppf	P-110	LT&C	New
6 1/8"	surface	9,618'	4 1/2" Liner with 4-1/2" Tieback for frac	11.6 ppf	P-110	LT&C	New

Drilling Plan  
LC Tribal 5H-23-46  
Duchesne Co., UT

## 5. Cementing Program

9 5/8" Surface Casing	<i>Lead</i> with approximately 240 sx Halliburton Light Premium cement with additives mixed at 11.0 ppg (yield = 3.16 ft <sup>3</sup> /sx). TOC @ Surface <i>Tail</i> with 210 sx Premium 14.8 ppg (yield = 1.36 ft <sup>3</sup> /sx) calculated hole volume with 75% excess. TOC @ 1,300' <i>Top out cement</i> , if required: 100 sx of Premium cement with additives mixed at 15.8 ppg (yield = 1.17 ft <sup>3</sup> /sk)
7" Intermediate Casing	<i>Lead</i> with approximately 280 sx Tunc Light cement with additives, mixed at 11.0 ppg (yield = 3.14 ft <sup>3</sup> /sx). TOC @ 1,300' <i>Tail</i> with approximately 140 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft <sup>3</sup> /sx). TOC @ 4,414'
6-1/8" hole for 4-1/2" production liner	Depending on hole conditions, plan to run un-cemented 4-1/2" liner with open hole packers or cement w/ 400 sx ECONOCEM w/ additives, 13.5 ppg, 1.4 ft <sup>3</sup> /sx, 50% excess. Planned TOC @ 4-1/2" liner top
Note: Top of Tail cement for the intermediate string will be calculated to 1000' above the KOP using gauge hole plus 50% excess. Lead to 200' inside of surface casing.	

## 6. Mud Program

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss (API filtrate)</u>	<u>Remarks</u>
40' – 1,800'	8.4 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
1,800' – 6,333'	8.9 – 9.2	26 - 36	NC	Fresh Water with sweeps
6,333' – TD	9.0 – 9.5	45 – 58	4 – 10	Fresh Water PHPA
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. BOP and Pressure Containment Data

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 1,800'	No pressure control required
1,800' – TD	11" 5000# Ram Type BOP 11" 5000# Annular BOP
- Drilling spool to accommodate choke and kill lines;	
- Ancillary and choke manifold to be rated @ 5000 psi;	
- Ancillary equipment and choke manifold rated at 5,000#. 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.	

Drilling Plan  
 LC Tribal 5H-23-46  
 Duchesne Co., UT

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**8. 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
- d) Mud monitoring will be visually observed

**9. 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 with GR as needed to land wellbore;
WL Logging	None in intermediate
Note: FMI and CAL may be run on the lateral portion of the horizontal wellbore at the geologist's discretion.	

**10. Anticipated Abnormal Pressures or Temperatures**

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 2903 psi\* and maximum anticipated surface pressure equals approximately 1610 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)

**11. 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.

**12. Drilling Schedule**

Location Construction: June 2013  
 Spud: June 2013  
 Duration: 25 days drilling time  
 25 days completion time

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

**BILL BARRETT CORPORATION**

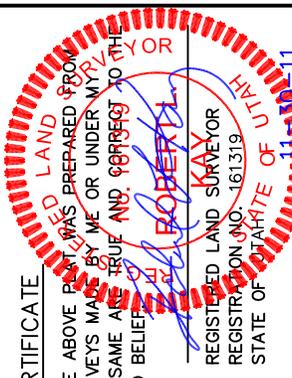
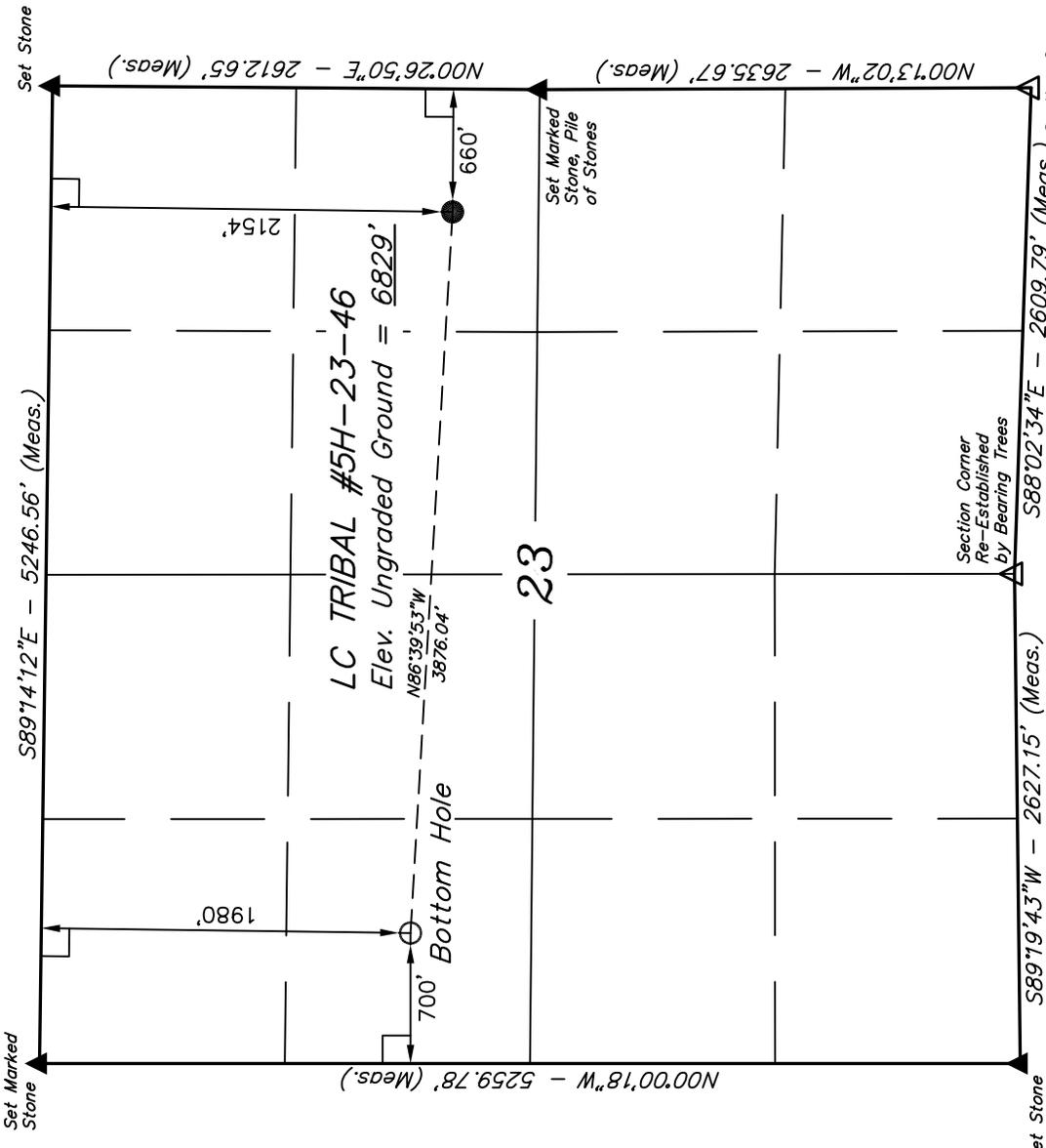
Well location, LC TRIBAL #5H-23-46, located as shown in the SE 1/4 NE 1/4 of Section 23, T4S, R6W, U.S.B.&M., Duchesne County, Utah.

**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 AS BEING 6097 FEET.

**BASIS OF BEARINGS**

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

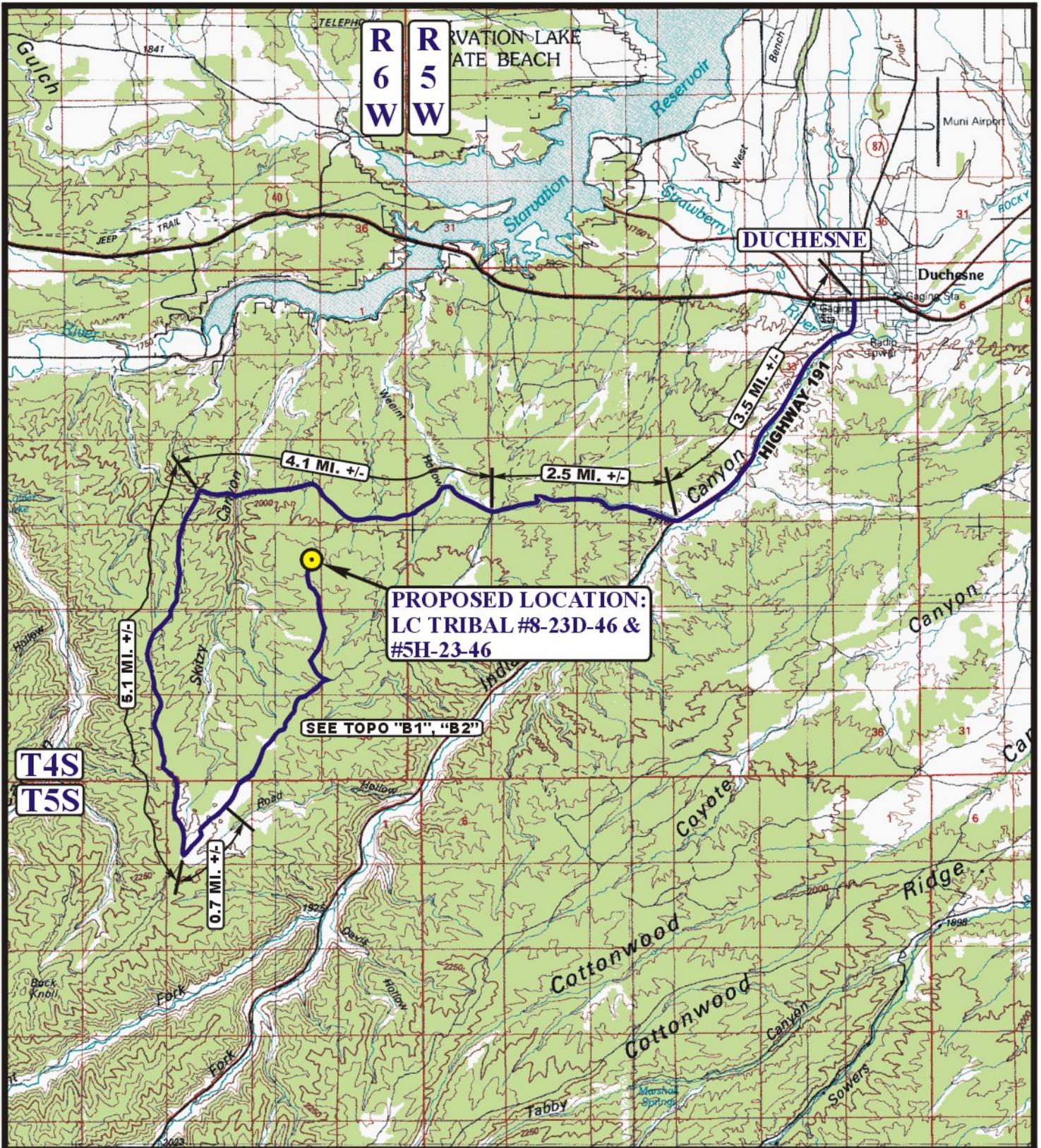


**CERTIFICATE**  
 THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY CLOSE SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.  
 ROBERT K. KAY  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b>	
85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017	
SCALE 1" = 1000'	DATE SURVEYED: 09-26-11
PARTY T.A. C.N. J.J.	DATE DRAWN: 10-17-11
WEATHER WARM	REFERENCES G.L.O. PLAT
	FILE BILL BARRETT CORPORATION

- LEGEND:**
- └─ = 90° SYMBOL
  - = PROPOSED WELL HEAD.
  - ▲ = SECTION CORNERS LOCATED
  - △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground.)

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°07'13.36" (40.120378)	LATITUDE = 40°07'11.21" (40.119781)
LONGITUDE = 110°32'14.15" (110.537264)	LONGITUDE = 110°31'24.35" (110.523431)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°07'13.51" (40.120419)	LATITUDE = 40°07'11.36" (40.119822)
LONGITUDE = 110°32'11.59" (110.536553)	LONGITUDE = 110°31'21.79" (110.522719)



**PROPOSED LOCATION:  
LC TRIBAL #8-23D-46 &  
#5H-23-46**

SEE TOPO "B1", "B2"

**LEGEND:**

PROPOSED LOCATION



**BILL BARRETT CORPORATION**

**LC TRIBAL #8-23D-46 & #5H-23-46  
SECTION 23, T4S, R6W, U.S.B.&M.  
SE 1/4 NE 1/4**

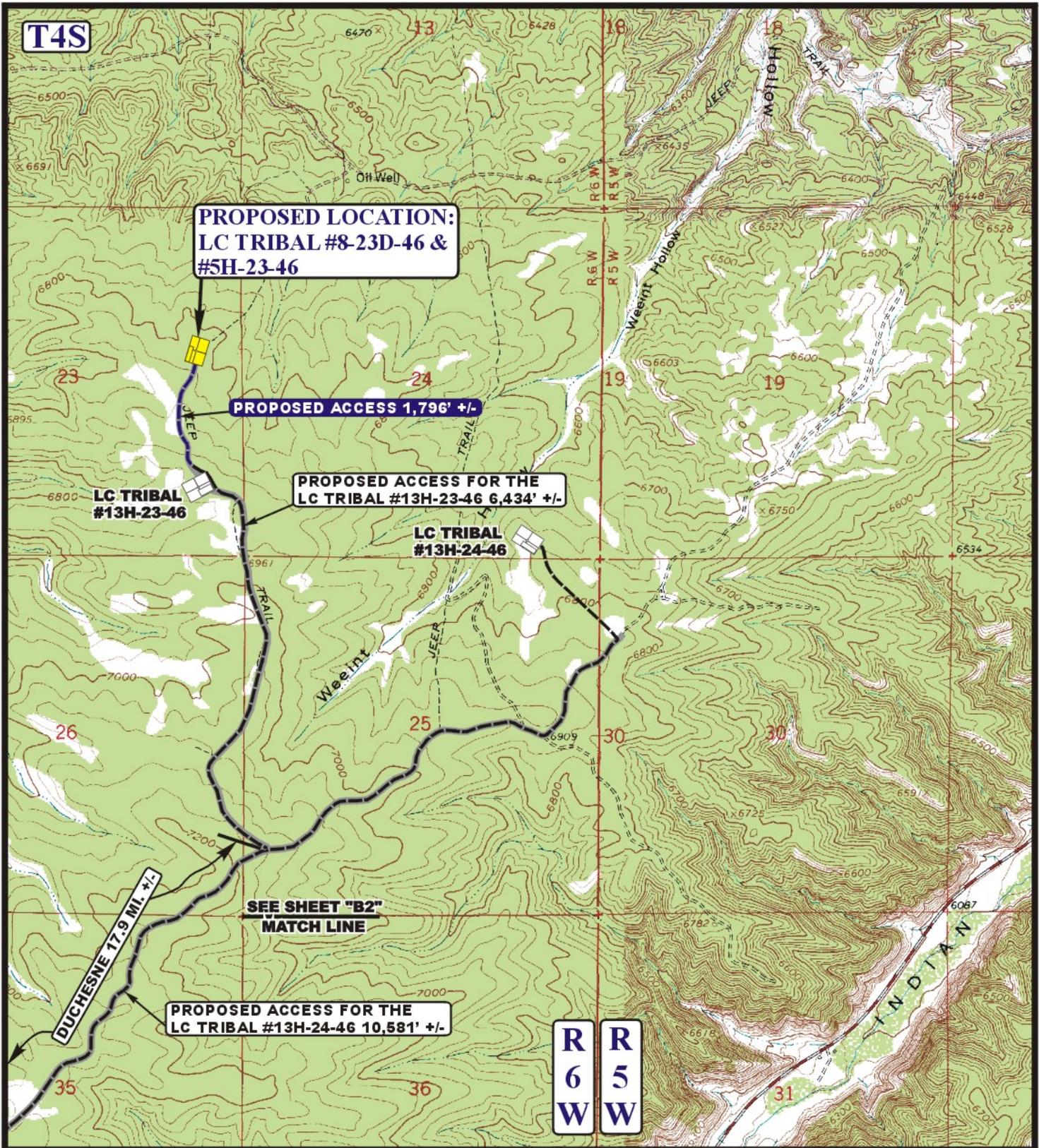
**U&L S** Utah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**ACCESS ROAD  
MAP**

<b>10</b> MONTH	<b>19</b> DAY	<b>11</b> YEAR
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SCALE: 1:100,000    DRAWN BY: C.I.    REVISED: 00-00-00





**LEGEND:**

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD
-  EXISTING 2-TRACK NEEDS UPGRADED

**BILL BARRETT CORPORATION**

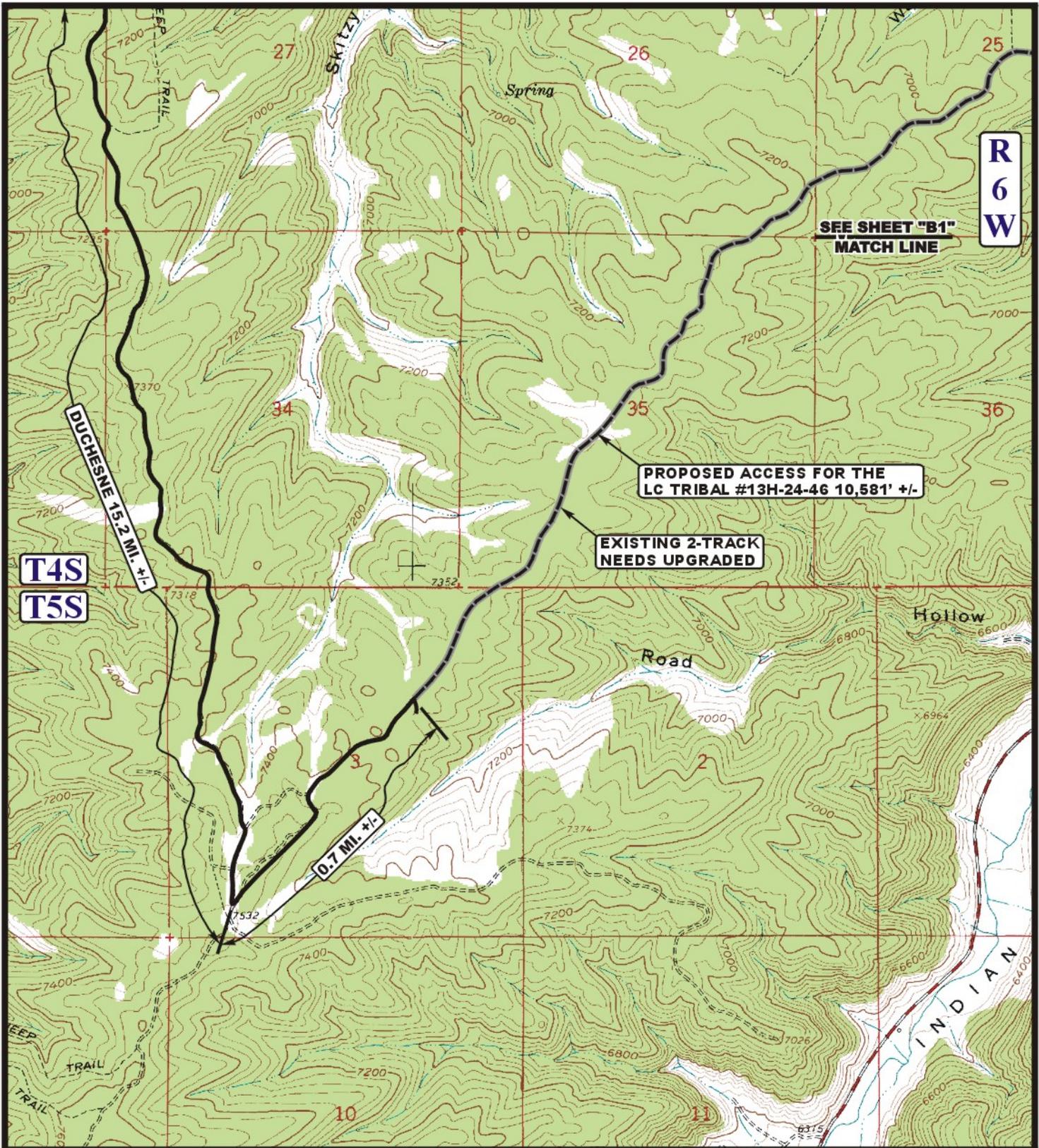
**LC TRIBAL #8-23D-46 & #5H-23-46**  
**SECTION 23, T4S, R6W, U.S.B.&M.**  
**SE 1/4 NE 1/4**



**Utah Engineering & Land Surveying**  
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<b>ACCESS ROAD MAP</b>	<b>10</b>	<b>19</b>	<b>11</b>	<b>B1 TOPO</b>
	MONTH	DAY	YEAR	
SCALE: 1" = 2000'		DRAWN BY: C.I.		REVISED: 03-19-12



**LEGEND:**

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD
-  EXISTING 2-TRACK NEEDS UPGRADED

**BILL BARRETT CORPORATION**

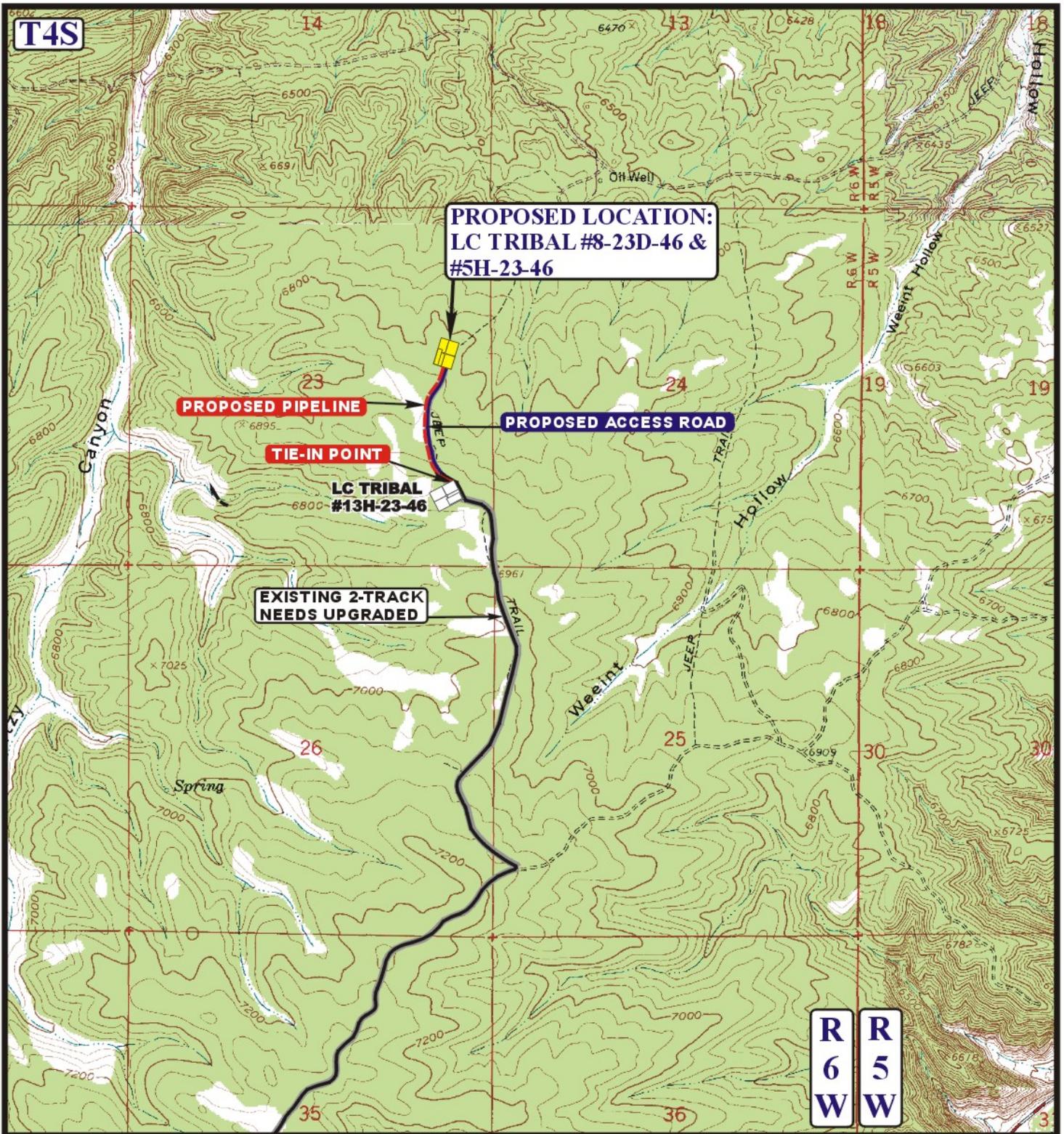
**LC TRIBAL #8-23D-46 & #5H-23-46  
SECTION 23, T4S, R6W, U.S.B.&M.  
SE 1/4 NE 1/4**



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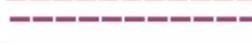
<b>ACCESS ROAD MAP</b>	<b>10</b>	<b>19</b>	<b>11</b>	<b>B2 TOPO</b>
	MONTH	DAY	YEAR	
SCALE: 1" = 2000'		DRAWN BY: C.I.		REVISED: 00-00-00



**APPROXIMATE TOTAL PIPELINE DISTANCE = 1,810' +/-**

**BILL BARRETT CORPORATION**

**LC TRIBAL #8-23D-46 & #5H-23-46  
SECTION 23, T4S, R6W, U.S.B.&M.  
SE 1/4 NE 1/4**

-  PROPOSED ACCESS ROAD
-  EXISTING 2-TRACK NEED UPGRADED
-  PROPOSED PIPELINE
-  PROPOSED PIPELINE (SERVICING OTHER WELLS)



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

**TOPOGRAPHIC  
MAP**

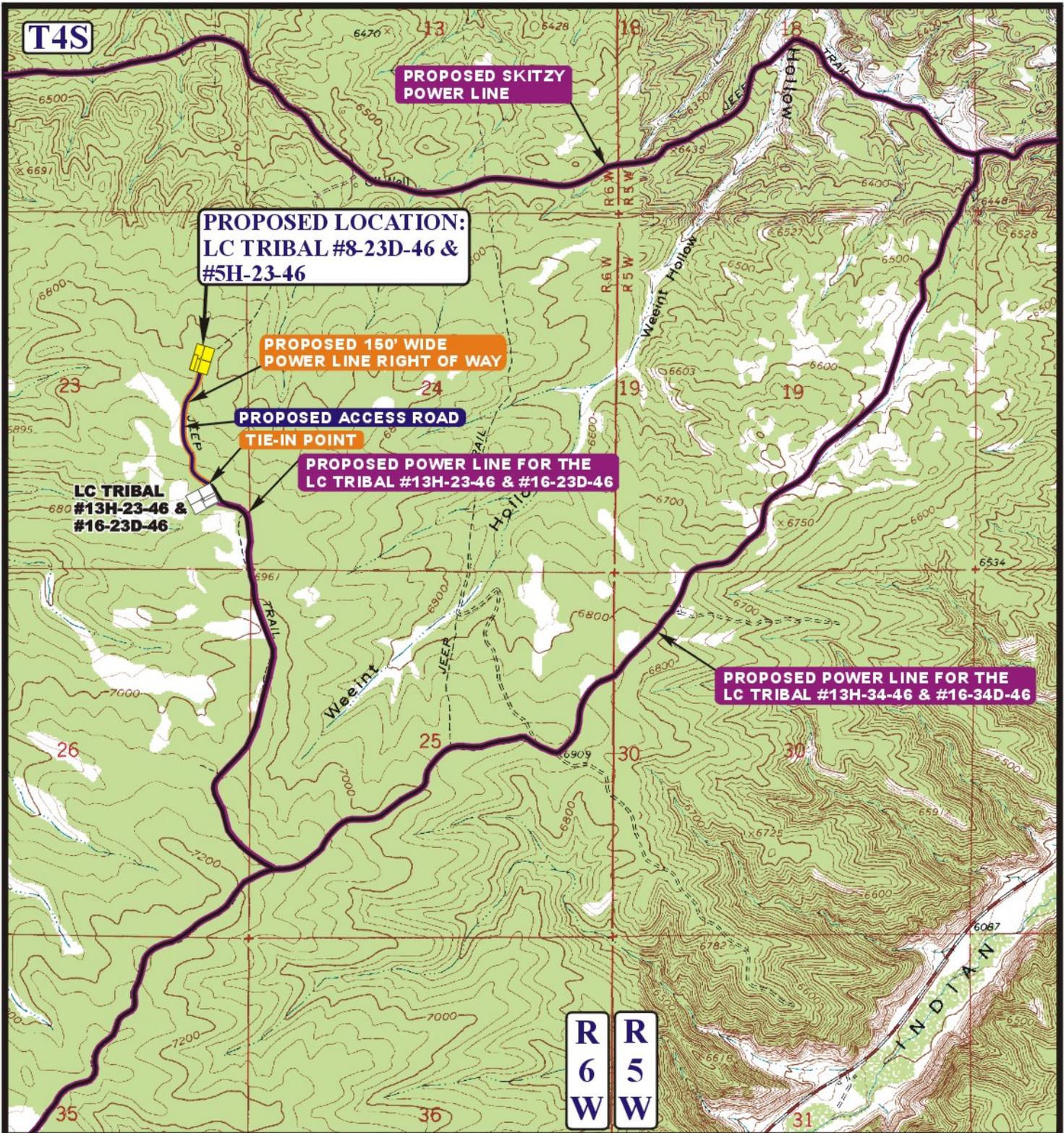
**10 19 11**  
MONTH DAY YEAR

SCALE: 1" = 1000'

DRAWN BY: C.I.

REVISED: 00-00-00





**APPROXIMATE TOTAL POWER LINE DISTANCE = 1,796' +/-**

**LEGEND:**

-  PROPOSED ACCESS ROAD
-  PROPOSED POWER LINE
-  EXISTING POWER LINE
-  PROPOSED POWER LINE (SERVICING OTHER WELLS)

**BILL BARRETT CORPORATION**

**LC TRIBAL #8-23D-46 & #5H-23-46  
SECTION 23, T4S, R6W, U.S.B.&M.  
SE 1/4 NE 1/4**



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



**TOPOGRAPHIC  
MAP**

**06 29 12**  
MONTH DAY YEAR

SCALE: 1" = 2000'

DRAWN BY: C.I.

REVISED: 00-00-00

**D  
TOPO**



SITE DETAILS: 5H-23-46 LC Tribal  
Lake Canyon

Site Latitude: 40° 7' 11.359 N  
Site Longitude: 110° 31' 21.788 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: 0.63  
Local North: True

**WELL DETAILS: 5H-23-46 LC Tribal**

Ground Level: 6822.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	652183.42	2273296.30	40° 7' 11.359 N	110° 31' 21.788 W	

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

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
5H-23-46 PBHL	5877.0	217.8	-3868.7	40° 7' 13.508 N	110° 32' 11.591 W	Rectangle (Sides: L200.0 W200.0)

**SECTION DETAILS**

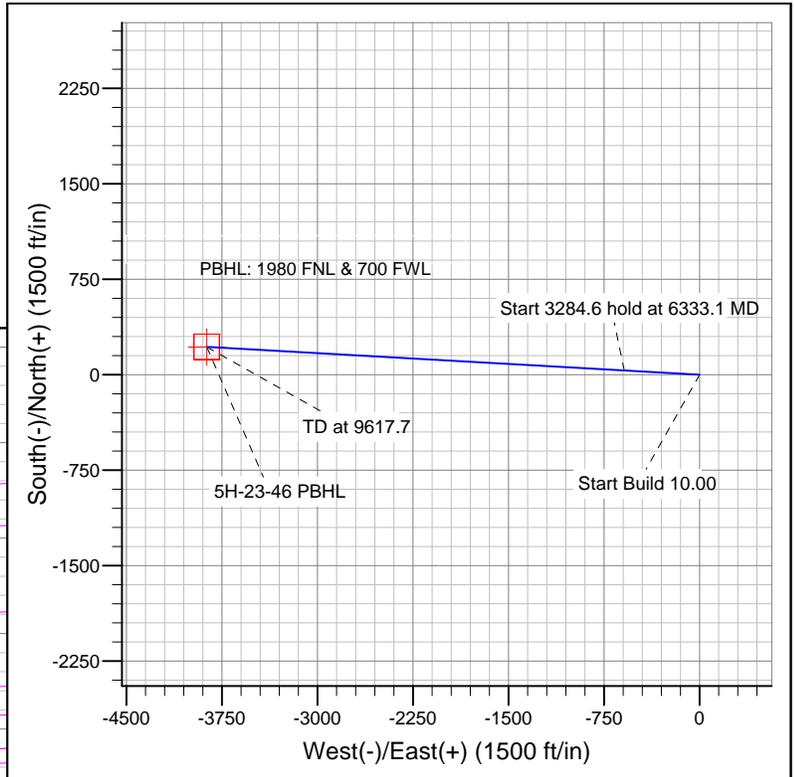
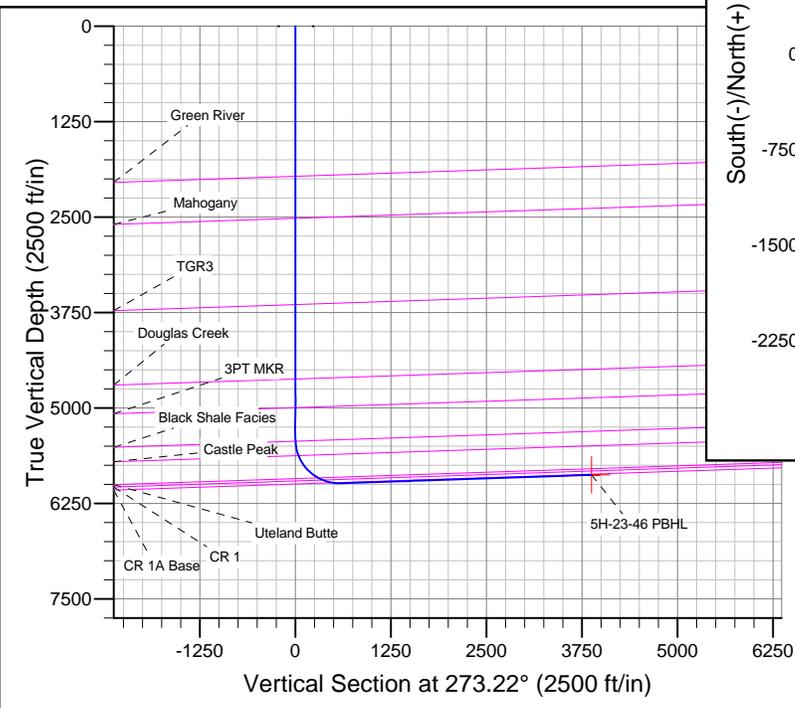
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	5414.0	0.00	0.00	5414.0	0.0	0.0	0.00	0.00	0.0	
3	6333.1	91.91	273.22	5986.6	33.3	-591.1	10.00	273.22	592.1	
4	9617.7	91.91	273.22	5877.0	217.8	-3868.7	0.00	0.00	3874.8	
5	9617.7	0.00	0.00	5877.0	217.8	-3868.7	0.00	180.00	3874.8	5H-23-46 PBHL

**FORMATION TOP DETAILS**

TVDPath	MDPath	Formation
1967.0	1967.0	Green River
2517.0	2517.0	Mahogany
3647.0	3647.0	TGR3
4622.0	4622.0	Douglas Creek
4997.0	4997.0	3PT MKR
5437.0	5437.0	Black Shale Facies
5625.6	5630.8	Castle Peak
5917.0	6028.0	Uteland Butte
5945.1	6093.5	CR 1
5980.7	6229.3	CR 1A Base

**CASING DETAILS**

No casing data is available



**Azimuths to True North**  
 Magnetic North: 11.36°  
**Magnetic Field**  
 Strength: 52121.3snT  
 Dip Angle: 65.74°  
 Date: 8/6/2012  
 Model: IGRF2010

**Bill Barrett Corp**

Planning Report

<b>Database:</b>	Compass	<b>Local Co-ordinate Reference:</b>	Well 5H-23-46 LC Tribal
<b>Company:</b>	BILL BARRETT CORP	<b>TVD Reference:</b>	KB @ 6837.0ft (Original Well Elev)
<b>Project:</b>	DUCHESNE COUNTY, UT (NAD 27)	<b>MD Reference:</b>	KB @ 6837.0ft (Original Well Elev)
<b>Site:</b>	5H-23-46 LC Tribal	<b>North Reference:</b>	True
<b>Well:</b>	5H-23-46 LC Tribal	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	5H-23-46 LC Tribal		
<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>	5H-23-46 LC Tribal				
<b>Site Position:</b>		<b>Northing:</b>	652,183.42 ft	<b>Latitude:</b>	40° 7' 11.359 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,273,296.30 ft	<b>Longitude:</b>	110° 31' 21.788 W
<b>Position Uncertainty:</b>	0.0 ft	<b>Slot Radius:</b>	"	<b>Grid Convergence:</b>	0.63 °

<b>Well</b>	5H-23-46 LC Tribal					
<b>Well Position</b>	<b>+N/-S</b>	0.0 ft	<b>Northing:</b>	652,183.42 ft	<b>Latitude:</b>	40° 7' 11.359 N
	<b>+E/-W</b>	0.0 ft	<b>Easting:</b>	2,273,296.30 ft	<b>Longitude:</b>	110° 31' 21.788 W
<b>Position Uncertainty</b>		0.0 ft	<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	6,822.0 ft

<b>Wellbore</b>	5H-23-46 LC Tribal				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010	8/6/2012	11.36	65.74	52,121

<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	273.22

<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	
5,414.0	0.00	0.00	5,414.0	0.0	0.0	0.00	0.00	0.00	0.00	
6,333.1	91.91	273.22	5,986.6	33.3	-591.1	10.00	10.00	0.00	273.22	
9,617.7	91.91	273.22	5,877.0	217.8	-3,868.7	0.00	0.00	0.00	0.00	
9,617.7	0.00	0.00	5,877.0	217.8	-3,868.7	0.00	0.00	0.00	180.00	5H-23-46 PBHL

**Bill Barrett Corp**

Planning Report

<b>Database:</b>	Compass	<b>Local Co-ordinate Reference:</b>	Well 5H-23-46 LC Tribal
<b>Company:</b>	BILL BARRETT CORP	<b>TVD Reference:</b>	KB @ 6837.0ft (Original Well Elev)
<b>Project:</b>	DUCHESNE COUNTY, UT (NAD 27)	<b>MD Reference:</b>	KB @ 6837.0ft (Original Well Elev)
<b>Site:</b>	5H-23-46 LC Tribal	<b>North Reference:</b>	True
<b>Well:</b>	5H-23-46 LC Tribal	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	5H-23-46 LC Tribal		
<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
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,967.0	0.00	0.00	1,967.0	0.0	0.0	0.0	0.00	0.00	0.00
<b>Green River</b>									
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,517.0	0.00	0.00	2,517.0	0.0	0.0	0.0	0.00	0.00	0.00
<b>Mahogany</b>									
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,647.0	0.00	0.00	3,647.0	0.0	0.0	0.0	0.00	0.00	0.00
<b>TGR3</b>									
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00
4,600.0	0.00	0.00	4,600.0	0.0	0.0	0.0	0.00	0.00	0.00

**Bill Barrett Corp**

Planning Report

<b>Database:</b>	Compass	<b>Local Co-ordinate Reference:</b>	Well 5H-23-46 LC Tribal
<b>Company:</b>	BILL BARRETT CORP	<b>TVD Reference:</b>	KB @ 6837.0ft (Original Well Elev)
<b>Project:</b>	DUCHESNE COUNTY, UT (NAD 27)	<b>MD Reference:</b>	KB @ 6837.0ft (Original Well Elev)
<b>Site:</b>	5H-23-46 LC Tribal	<b>North Reference:</b>	True
<b>Well:</b>	5H-23-46 LC Tribal	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	5H-23-46 LC Tribal		
<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)	
4,622.0	0.00	0.00	4,622.0	0.0	0.0	0.0	0.00	0.00	0.00	
<b>Douglas Creek</b>										
4,700.0	0.00	0.00	4,700.0	0.0	0.0	0.0	0.00	0.00	0.00	
4,800.0	0.00	0.00	4,800.0	0.0	0.0	0.0	0.00	0.00	0.00	
4,900.0	0.00	0.00	4,900.0	0.0	0.0	0.0	0.00	0.00	0.00	
4,997.0	0.00	0.00	4,997.0	0.0	0.0	0.0	0.00	0.00	0.00	
<b>3PT MKR</b>										
5,000.0	0.00	0.00	5,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,100.0	0.00	0.00	5,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,200.0	0.00	0.00	5,200.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,300.0	0.00	0.00	5,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,400.0	0.00	0.00	5,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,414.0	0.00	0.00	5,414.0	0.0	0.0	0.0	0.00	0.00	0.00	
<b>Start Build 10.00</b>										
5,437.0	2.30	273.22	5,437.0	0.0	-0.5	0.5	10.00	10.00	0.00	
<b>Black Shale Facies</b>										
5,500.0	8.60	273.22	5,499.7	0.4	-6.4	6.4	10.00	10.00	0.00	
5,600.0	18.60	273.22	5,596.8	1.7	-29.9	29.9	10.00	10.00	0.00	
5,630.8	21.68	273.22	5,625.6	2.3	-40.5	40.5	10.00	10.00	0.00	
<b>Castle Peak</b>										
5,700.0	28.60	273.22	5,688.3	3.9	-69.8	69.9	10.00	10.00	0.00	
5,800.0	38.60	273.22	5,771.5	7.0	-125.0	125.2	10.00	10.00	0.00	
5,900.0	48.60	273.22	5,843.8	10.9	-193.7	194.1	10.00	10.00	0.00	
6,000.0	58.60	273.22	5,903.0	15.4	-274.0	274.4	10.00	10.00	0.00	
6,028.0	61.40	273.22	5,917.0	16.8	-298.2	298.7	10.00	10.00	0.00	
<b>Uteland Butte</b>										
6,093.5	67.95	273.22	5,945.1	20.1	-357.3	357.9	10.00	10.00	0.00	
<b>CR 1</b>										
6,100.0	68.60	273.22	5,947.5	20.5	-363.3	363.9	10.00	10.00	0.00	
6,200.0	78.60	273.22	5,975.7	25.8	-459.0	459.7	10.00	10.00	0.00	
6,229.3	81.53	273.22	5,980.7	27.5	-487.8	488.6	10.00	10.00	0.00	
<b>CR 1A Base</b>										
6,300.0	88.60	273.22	5,986.8	31.4	-558.1	559.0	10.00	10.00	0.00	
6,333.1	91.91	273.22	5,986.6	33.3	-591.1	592.1	10.00	10.00	0.00	
<b>Start 3284.6 hold at 6333.1 MD</b>										
6,400.0	91.91	273.22	5,984.4	37.0	-657.9	658.9	0.00	0.00	0.00	
6,500.0	91.91	273.22	5,981.1	42.6	-757.7	758.9	0.00	0.00	0.00	
6,600.0	91.91	273.22	5,977.7	48.3	-857.4	858.8	0.00	0.00	0.00	
6,700.0	91.91	273.22	5,974.4	53.9	-957.2	958.7	0.00	0.00	0.00	
6,800.0	91.91	273.22	5,971.1	59.5	-1,057.0	1,058.7	0.00	0.00	0.00	
6,900.0	91.91	273.22	5,967.7	65.1	-1,156.8	1,158.6	0.00	0.00	0.00	
7,000.0	91.91	273.22	5,964.4	70.7	-1,256.6	1,258.6	0.00	0.00	0.00	
7,100.0	91.91	273.22	5,961.0	76.3	-1,356.4	1,358.5	0.00	0.00	0.00	
7,200.0	91.91	273.22	5,957.7	82.0	-1,456.2	1,458.5	0.00	0.00	0.00	
7,300.0	91.91	273.22	5,954.4	87.6	-1,556.0	1,558.4	0.00	0.00	0.00	
7,400.0	91.91	273.22	5,951.0	93.2	-1,655.7	1,658.4	0.00	0.00	0.00	
7,500.0	91.91	273.22	5,947.7	98.8	-1,755.5	1,758.3	0.00	0.00	0.00	
7,600.0	91.91	273.22	5,944.4	104.4	-1,855.3	1,858.2	0.00	0.00	0.00	
7,700.0	91.91	273.22	5,941.0	110.0	-1,955.1	1,958.2	0.00	0.00	0.00	
7,800.0	91.91	273.22	5,937.7	115.7	-2,054.9	2,058.1	0.00	0.00	0.00	
7,900.0	91.91	273.22	5,934.3	121.3	-2,154.7	2,158.1	0.00	0.00	0.00	
8,000.0	91.91	273.22	5,931.0	126.9	-2,254.5	2,258.0	0.00	0.00	0.00	
8,100.0	91.91	273.22	5,927.7	132.5	-2,354.2	2,358.0	0.00	0.00	0.00	

## Bill Barrett Corp

## Planning Report

<b>Database:</b>	Compass	<b>Local Co-ordinate Reference:</b>	Well 5H-23-46 LC Tribal
<b>Company:</b>	BILL BARRETT CORP	<b>TVD Reference:</b>	KB @ 6837.0ft (Original Well Elev)
<b>Project:</b>	DUCHESNE COUNTY, UT (NAD 27)	<b>MD Reference:</b>	KB @ 6837.0ft (Original Well Elev)
<b>Site:</b>	5H-23-46 LC Tribal	<b>North Reference:</b>	True
<b>Well:</b>	5H-23-46 LC Tribal	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	5H-23-46 LC Tribal		
<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)
8,200.0	91.91	273.22	5,924.3	138.1	-2,454.0	2,457.9	0.00	0.00	0.00
8,300.0	91.91	273.22	5,921.0	143.8	-2,553.8	2,557.9	0.00	0.00	0.00
8,400.0	91.91	273.22	5,917.6	149.4	-2,653.6	2,657.8	0.00	0.00	0.00
8,500.0	91.91	273.22	5,914.3	155.0	-2,753.4	2,757.7	0.00	0.00	0.00
8,600.0	91.91	273.22	5,911.0	160.6	-2,853.2	2,857.7	0.00	0.00	0.00
8,700.0	91.91	273.22	5,907.6	166.2	-2,953.0	2,957.6	0.00	0.00	0.00
8,800.0	91.91	273.22	5,904.3	171.8	-3,052.7	3,057.6	0.00	0.00	0.00
8,900.0	91.91	273.22	5,901.0	177.5	-3,152.5	3,157.5	0.00	0.00	0.00
9,000.0	91.91	273.22	5,897.6	183.1	-3,252.3	3,257.5	0.00	0.00	0.00
9,100.0	91.91	273.22	5,894.3	188.7	-3,352.1	3,357.4	0.00	0.00	0.00
9,200.0	91.91	273.22	5,890.9	194.3	-3,451.9	3,457.4	0.00	0.00	0.00
9,300.0	91.91	273.22	5,887.6	199.9	-3,551.7	3,557.3	0.00	0.00	0.00
9,400.0	91.91	273.22	5,884.3	205.5	-3,651.5	3,657.2	0.00	0.00	0.00
9,500.0	91.91	273.22	5,880.9	211.2	-3,751.3	3,757.2	0.00	0.00	0.00
9,600.0	91.91	273.22	5,877.6	216.8	-3,851.0	3,857.1	0.00	0.00	0.00
9,617.7	91.91	273.22	5,877.0	217.8	-3,868.7	3,874.8	0.00	0.00	0.00

TD at 9617.7 - 5H-23-46 PBHL

## Formations

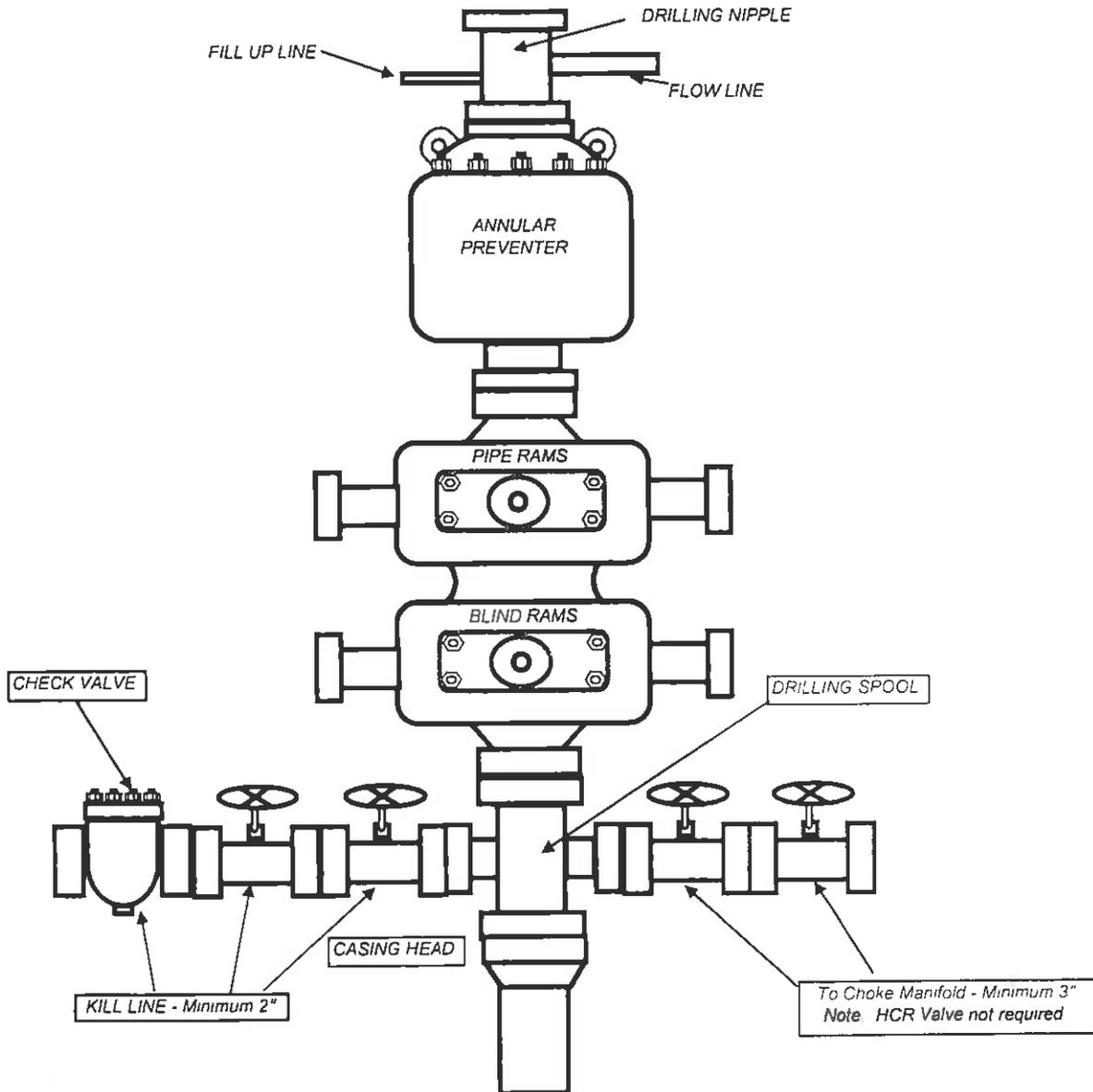
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,967.0	1,967.0	Green River		-1.91	273.22
2,517.0	2,517.0	Mahogany		-1.91	273.22
3,647.0	3,647.0	TGR3		-1.91	273.22
4,622.0	4,622.0	Douglas Creek		-1.91	273.22
4,997.0	4,997.0	3PT MKR		-1.91	273.22
5,437.0	5,437.0	Black Shale Facies		-1.91	273.22
5,630.8	5,627.0	Castle Peak		-1.91	273.22
6,028.0	5,927.0	Uteland Butte		-1.91	273.22
6,093.5	5,957.0	CR 1		-1.91	273.22
6,229.3	5,997.0	CR 1A Base		-1.91	273.22

## Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
5,414.0	5,414.0	0.0	0.0	Start Build 10.00
6,333.1	5,986.6	33.3	-591.1	Start 3284.6 hold at 6333.1 MD
9,617.7	5,877.0	217.8	-3,868.7	TD at 9617.7

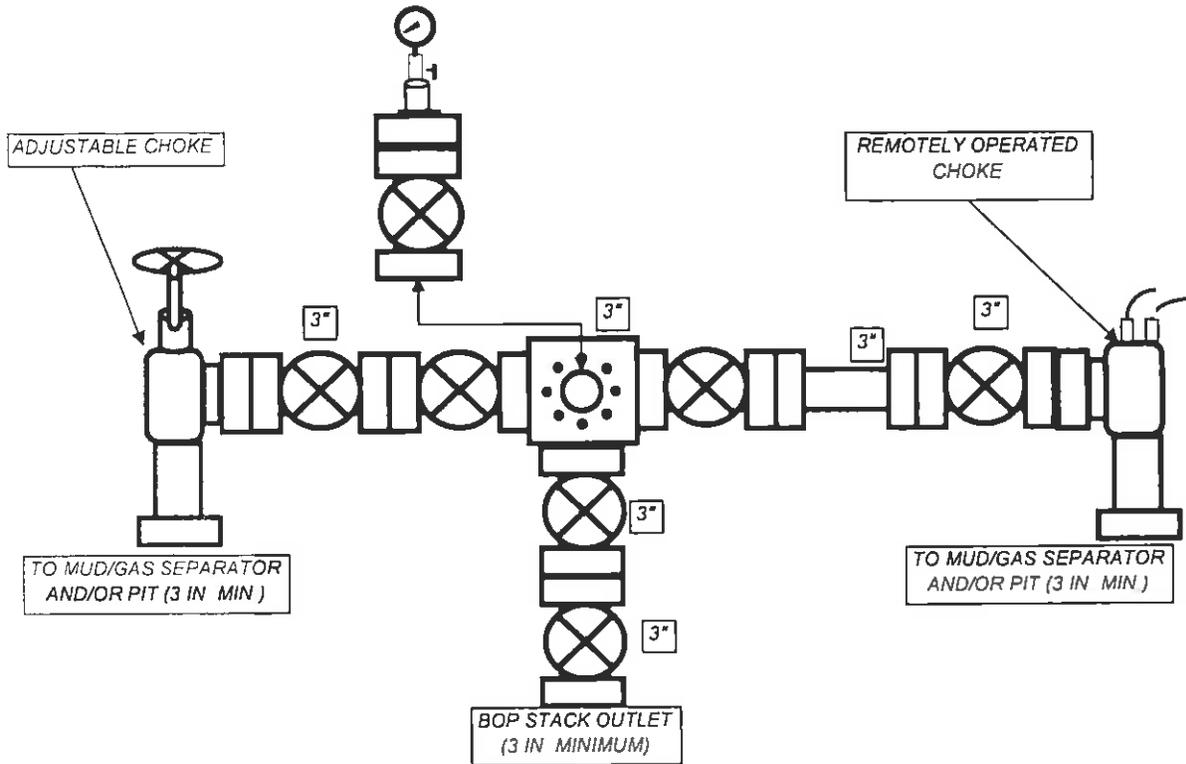
# BILL BARRETT CORPORATION

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



# BILL BARRETT CORPORATION

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





August 23, 2012

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: Horizontal Drilling  
LC Tribal #5H-23-46  
Section 23, T4S-R6W, U.S.B.&M.  
Duchesne County, Utah**

**Surface Hole Location: 2154' FNL & 660' FEL, SENE, 23-T4S-R6W, USB&M  
Bottom Hole Location: 1980' FNL & 700' FWL, SWNW, 23-T4S-R6W, USB&M**

Dear Ms. Mason:

Pursuant to the filing of Bill Barrett Corporation's ("BBC") Application for Permit to Drill ("APD") regarding the above-referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Order # 139-87 pertaining to a 640 acre spacing unit for a horizontal or vertical well.

- Section 23 is composed entirely of Tribal minerals.
- Tribal Exploration and Development Agreement #14-20-H62-5500, which includes portions of the subject Section 23 and other lands, allows for the drilling of the #5H-23-46 well.
- Once the well has been drilled, BBC will earn the tribal lease covering the appropriate committed acres being further described in the Exploration and Development Agreement.
- The LC Tribal #5H-23-46 will be perforated no less than 660 feet from the Section 23 Tribal Lease boundary, in accordance with UDOGM Order #139-87.

Based on the information provided, BBC requests that the permit be granted pursuant to Order #139-87. If you should 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:** August 23, 2012

**BILL BARRETT CORPORATION**

LOCATION LAYOUT FOR

LC TRIBAL #8-23D-46 & #5H-23-46

SECTION 23, T4S, R6W, U.S.B.&M.

SE 1/4 NE 1/4

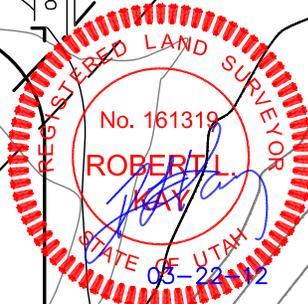
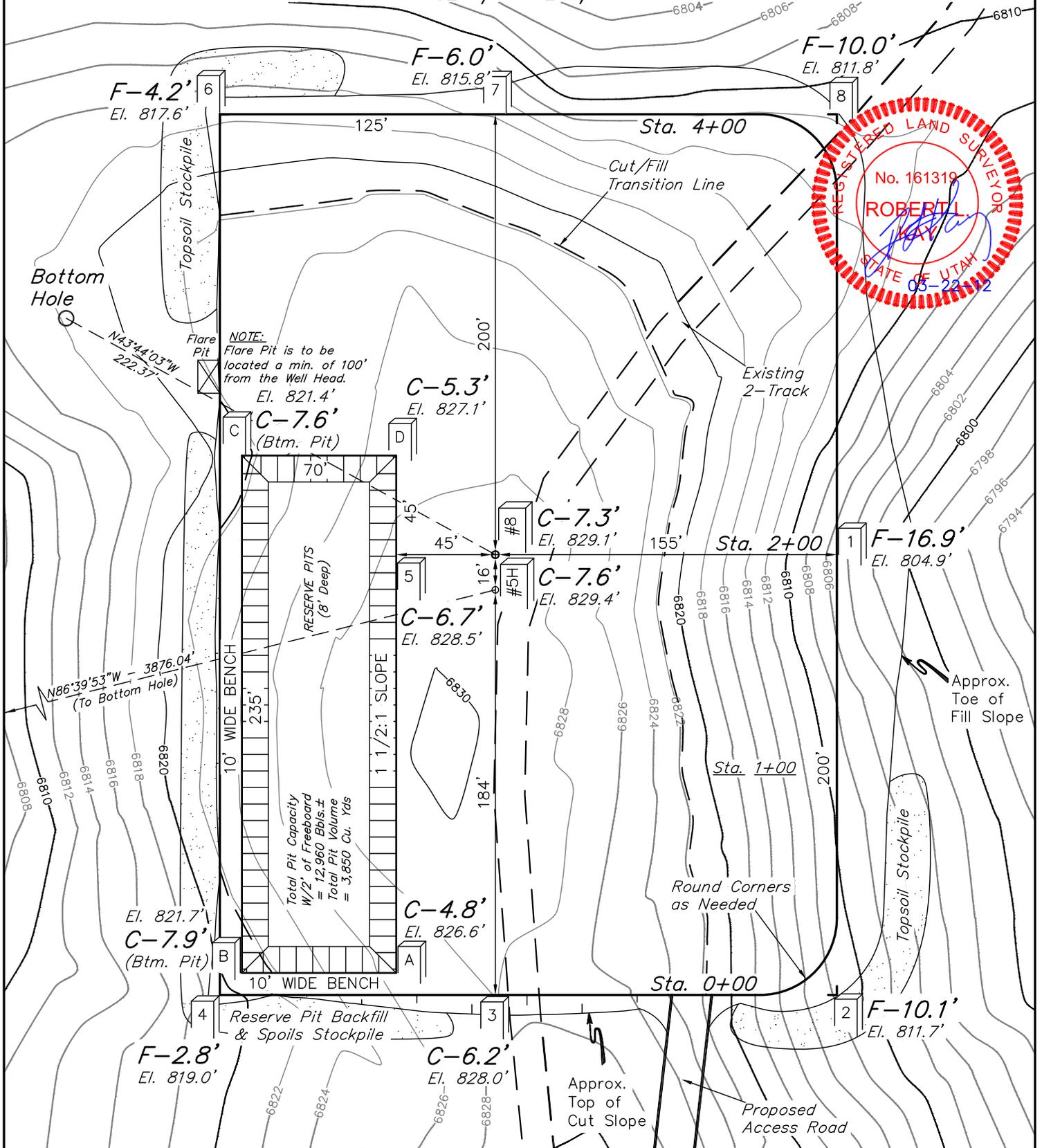
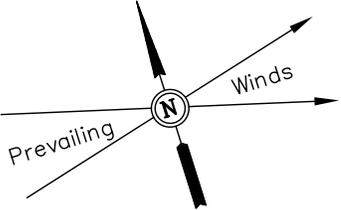
**FIGURE #1**

SCALE: 1" = 60'

DATE: 10-17-11

DRAWN BY: J.J.

REVISED: 03-19-12



Elev. Ungraded Ground At #8-23D Loc. Stake = 6829.1'  
FINISHED GRADE ELEV. AT #8-23D LOC. STAKE = 6821.8'

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

RECEIVED: August 23, 2012

**BILL BARRETT CORPORATION**

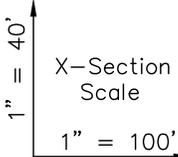
**TYPICAL CROSS SECTIONS FOR**

LC TRIBAL #8-23D-46 & #5H-23-46

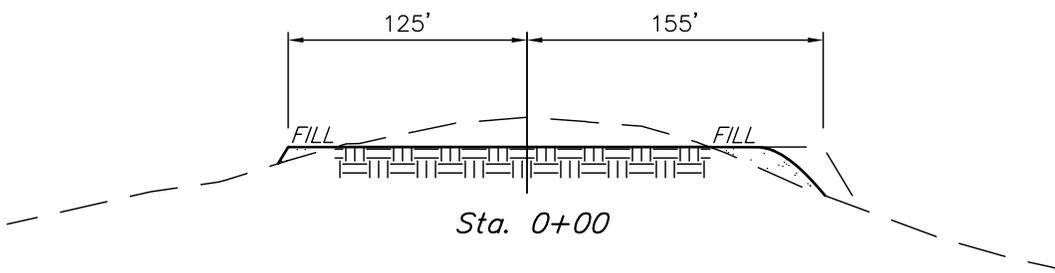
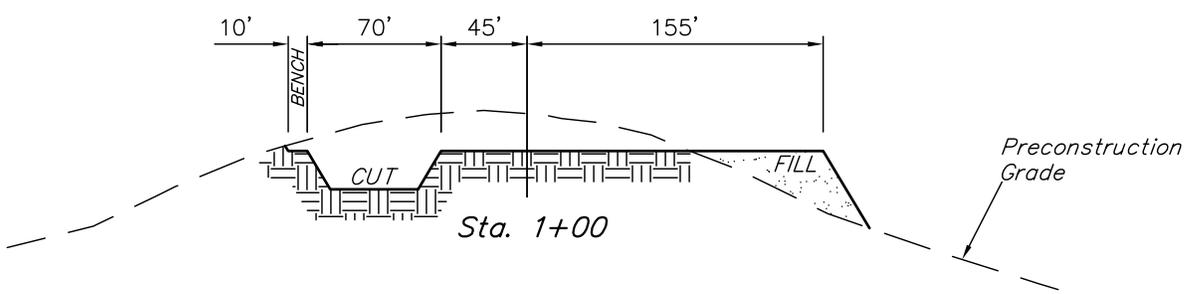
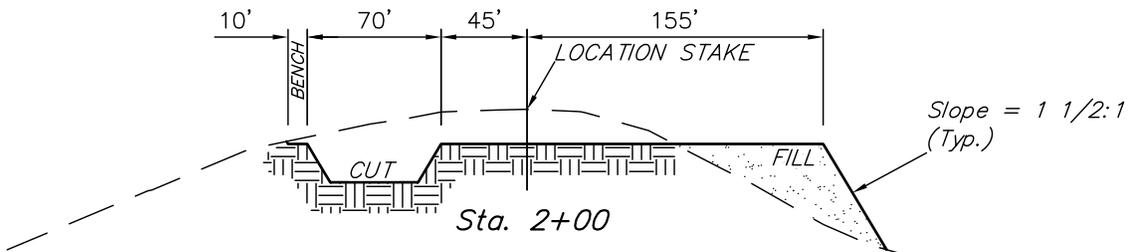
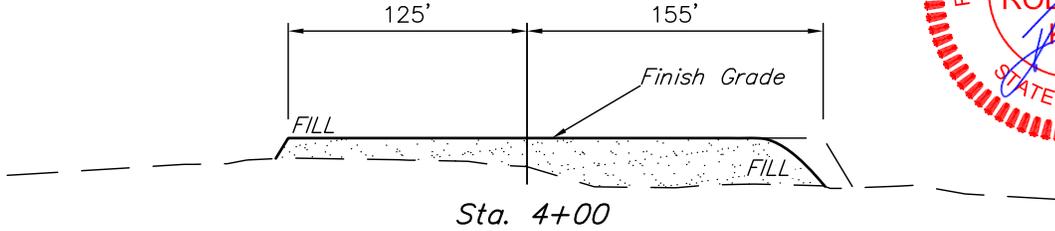
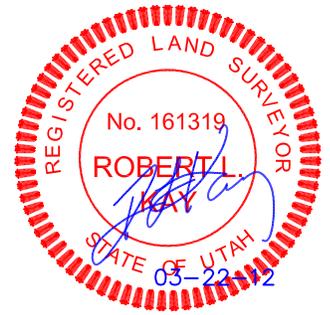
SECTION 23, T4S, R6W, U.S.B.&M.

SE 1/4 NE 1/4

FIGURE #2



DATE: 10-17-11  
DRAWN BY: J.J.  
REVISED: 03-19-12



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

**APPROXIMATE ACREAGES**

WELL SITE DISTURBANCE	= ± 3.409 ACRES
ACCESS ROAD DISTURBANCE	= ± 1.219 ACRES
PIPELINE DISTURBANCE	= ± 1.229 ACRES
<b>TOTAL</b>	<b>= ± 5.857 ACRES</b>

\* NOTE:  
FILL QUANTITY INCLUDES 5% FOR COMPACTION

**APPROXIMATE YARDAGES**

(6") Topsoil Stripping	= 2,440 Cu. Yds.
Remaining Location	= 14,200 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 16,640 CU.YDS.</b>
<b>FILL</b>	<b>= 12,270 CU.YDS.</b>

EXCESS MATERIAL	= 4,370 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 4,370 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 0 Cu. Yds.

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

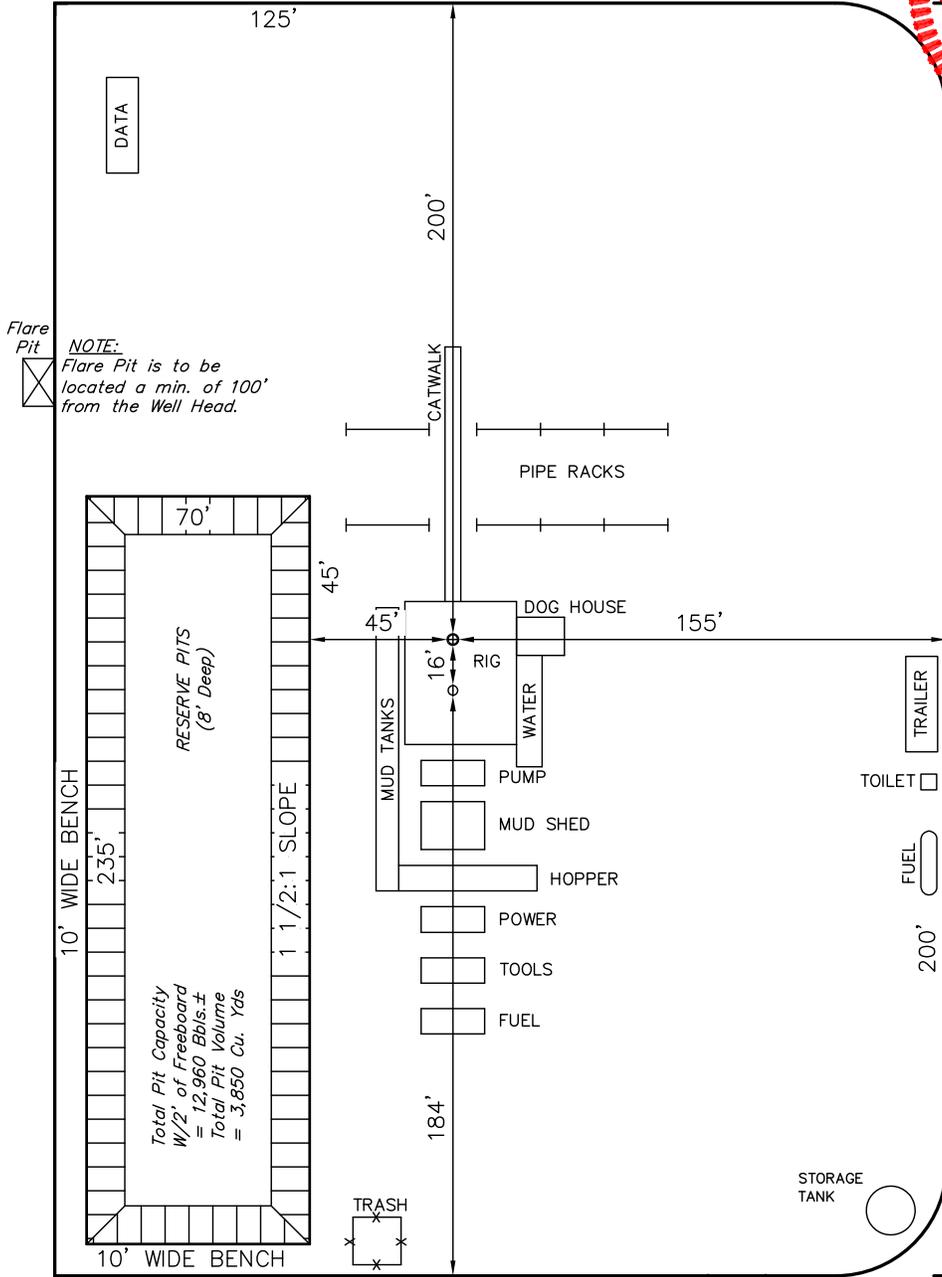
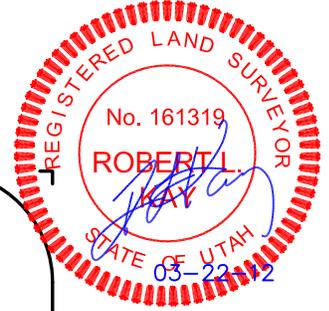
**BILL BARRETT CORPORATION**

TYPICAL RIG LAYOUT FOR

LC TRIBAL #8-23D-46 & #5H-23-46  
 SECTION 23, T4S, R6W, U.S.B.&M.  
 SE 1/4 NE 1/4

**FIGURE #3**

SCALE: 1" = 60'  
 DATE: 10-17-11  
 DRAWN BY: J.J.  
 REVISED: 03-19-12



Proposed Access Road

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

RECEIVED: August 23, 2012

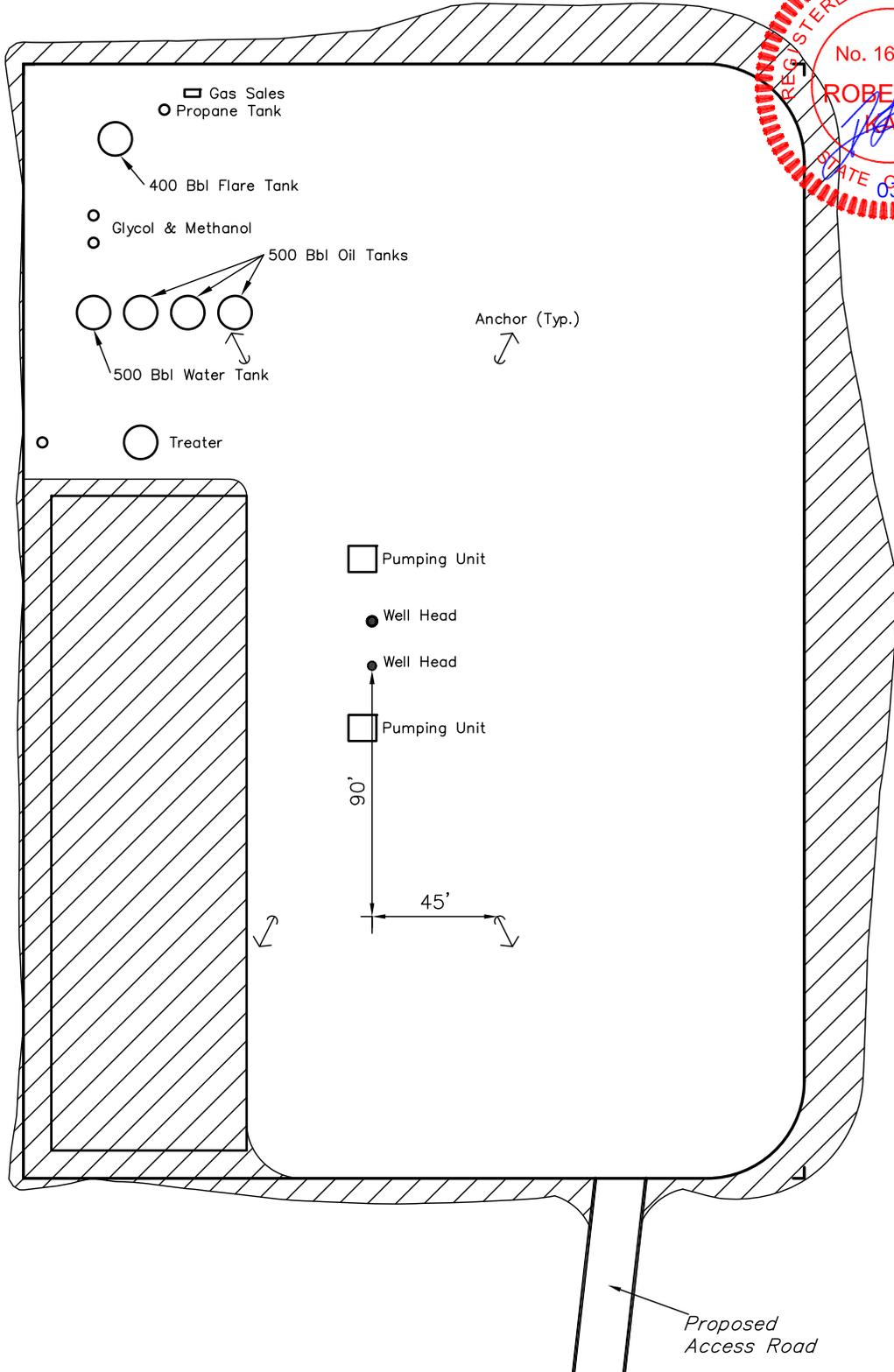
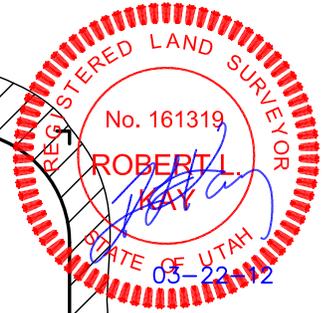


# BILL BARRETT CORPORATION

INTERM RECLAMATION PLAN FOR  
LC TRIBAL #8-23D-46 & #5H-23-46  
SECTION 23, T4S, R6W, U.S.B.&M.  
SE 1/4 NE 1/4

FIGURE #4

SCALE: 1" = 60'  
DATE: 10-17-11  
DRAWN BY: J.J.  
REVISED: 03-19-12

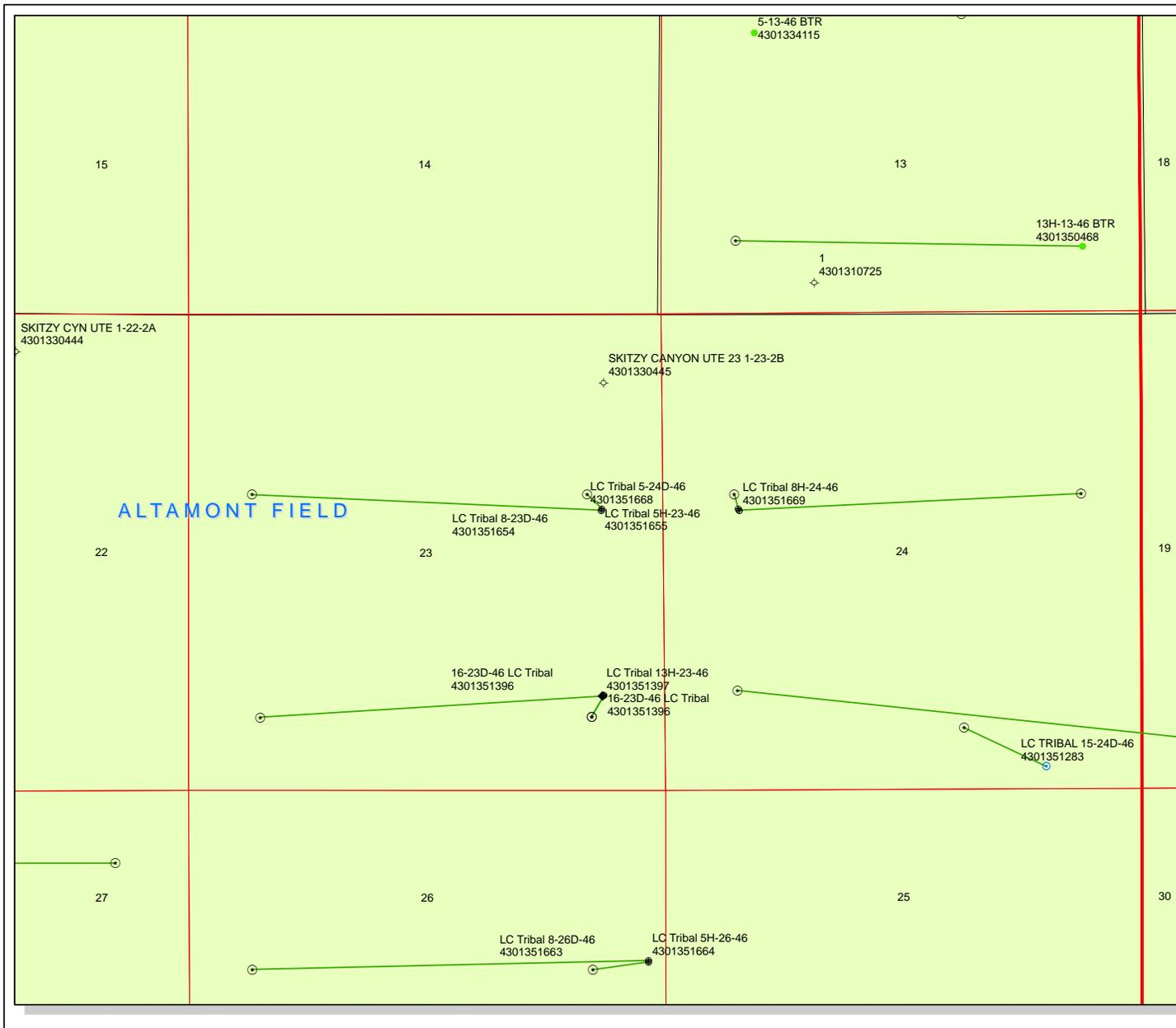


INTERM RECLAMATION

APPROXIMATE ACREAGES  
UN-RECLAIMED = ± 2.096 ACRES

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

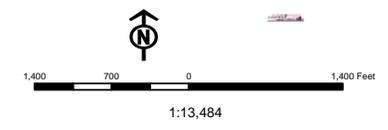
RECEIVED: August 23, 2012



**API Number: 4301351655**  
**Well Name: LC Tribal 5H-23-46**  
**Township T04.0S Range R06.0W Section 23**  
**Meridian: UBM**  
**Operator: BILL BARRETT CORP**

Map Prepared:  
 Map Produced by Diana Mason

- |               |                                    |
|---------------|------------------------------------|
| <b>Units</b>  | <b>Wells Query</b>                 |
| <b>STATUS</b> | <b>STATUS</b>                      |
| 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             |
| <b>Fields</b> | TA - Temp. Abandoned               |
| <b>STATUS</b> | TW - Test Well                     |
| Unknown       | WDW - Water Disposal               |
| ABANDONED     | WW - Water Injection Well          |
| ACTIVE        | WSW - Water Supply Well            |
| COMBINED      | Bottom Hole Location - Oil&GasDls  |
| INACTIVE      |                                    |
| STORAGE       |                                    |
| TERMINATED    |                                    |





**EASEMENT LEASE AGREEMENT  
BILL BARRETT CORPORATION'S  
PHASE 10 DEVELOPMENT**

LC Tribal #5-24D-46 & 8H-24-46 Pipeline Corridor

LC Tribal #8-23D-46 & #5H-23-46 Wellpad, Access Road, and Pipeline Corridor  
LC Tribal #5-35D-45 & #8H-35-45 Wellpad, Access Road, and Pipeline Corridor  
LC Tribal #16-35D-45 & #13H-35-45 Wellpad, Access Road, and Pipeline Corridor  
LC Tribal #16-36D-45 & #13H-36-45 Wellpad, Access Road, and Pipeline Corridor  
LC Tribal #5-36D-45 & #8H-36-45 Wellpad, Access Road, and Pipeline Corridor  
LC Tribal #8-26D-46 & #5H-26-46 Wellpad, Access Road, and Pipeline Corridor

**AVINTAQUIN WILDLIFE MANAGEMENT AREA  
COTTONWOOD WILDLIFE MANAGEMENT AREA**

**UDWR Easement Lease No. DUCH-1204EA-0271**

THIS NON-EXCLUSIVE EASEMENT LEASE AGREEMENT ("Agreement") is made by and between the **Utah Division of Wildlife Resources** whose address is 1594 West North Temple, Suite 2110, Salt Lake City, Utah 84114-6301 (hereafter "**Surface Owner**") and **Bill Barrett Corporation**, whose address is 1099 18<sup>th</sup> Street, Suite 2300, Denver, Colorado 80202 (hereafter "**Lessee**"). Surface Owner and Lessee are collectively referred to as "the Parties". "Easement Lease" means the lease of an easement or right-of-way, for which the purpose, specific use, rights granted, location, term, fees, and other conditions are set forth herein.

**EXHIBITS**

- A.1 Legal Description of Centerline for LC Tribal #5-24D-46 & 8H-24-46 Pipeline Corridor
- A.2 Depiction of LC Tribal #5-24D-46 & 8H-24-46 Pipeline Corridor
- B.1 Legal Description of Wellpad Perimeter and Access Road and Pipeline Corridor for LC Tribal #8-23D-46 & #5H-23-46 Wellpad
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- G.2 Depictions of Wellpad, Access Road, and Pipeline Corridor LC Tribal #8-26D-46 & #5H-26-46 Wellpad
- H Surface Use and Reclamation Plan for Lessee's Phase 10 Development Program, Avintaquin and Cottonwood Wildlife Management Areas, Duchesne County, Utah
- I Reclamation Performance Bond Number LPM9090226

70 1739

IN WITNESS WHEREOF, the Parties have executed this Agreement, effective on the date of the last signature below.

**SURFACE OWNER**

**LESSEE**

STATE OF UTAH  
DEPARTMENT OF NATURAL  
RESOURCES, DIVISION OF WILDLIFE  
RESOURCES

BILL BARRETT CORPORATION

ACTING DIRECTOR

By: Michael F. Sheehan  
Gregory Sheehan  
Director of Wildlife Resources

By: Huntington T. Walker  
Huntington T. Walker  
Sr. Vice President - Land  
Bill Barrett Corporation

Date: 4/15/13

Date: 4/4/13

**Funding Approvals:**  
**Division of Wildlife Resources Fiscal**  
**Management**

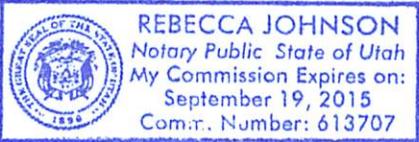
By: Linda Braithwaite  
Linda Braithwaite  
Budget Officer

Date: 4/16/13

70 1739

STATE OF UTAH )  
 ) SS.  
COUNTY OF SALT LAKE )

On this 15<sup>th</sup> day of April, 2013 personally appeared before me Mike Cumming, Assistant Director  
Gregory Sheehan, who being first duly sworn said that he is the Director of the Division of Wildlife Resources for the State of Utah, that the foregoing instrument was executed pursuant to authority granted him by The Wildlife Resource Code of Utah (23-21-1), and he acknowledged to me that he executed the same.

	<p><u>Rebecca Johnson</u> Notary Public for the State of Utah</p> <p>Residing at <u>Salt Lake County</u></p> <p>My commission expires <u>9/19/2015</u></p>
---	--

STATE OF COLORADO )  
CITY AND ) SS.  
COUNTY OF DENVER )

On this 4 day of APRIL, 2013, personally appeared before me  
Huntington T. Walker to me known to be the Sr. Vice President – Land of Bill Barrett Corporation who executed the within and foregoing instrument, and acknowledged that the execution of the document herein was his free and voluntary act and deed, for the uses and purposes therein mentioned, and gave an oath that he is authorized to execute the within instrument for said corporation.

<p>TEALE P. STONE NOTARY PUBLIC STATE OF COLORADO NOTARY ID # 20124021619 MY COMMISSION EXPIRES FEBRUARY 06, 2017</p>	<p><u>Teale P. Stone</u> Notary Public for the State of Colorado</p> <p>Residing at _____</p> <p>My commission expires _____</p>
---	--

State of Utah  
 Department of Natural Resources  
 Division of Wildlife Resources

Contract No. <b>70 1739</b>
Amend No.

**CONTRACT INFORMATION**

Date 4/8/2013

Vendor No. [Redacted]

Vendor Bill Barrett Corporation

Address 1099 18th Street, Suite 2300

City Denver CO 80202

Description of work to be completed.

DUCH-1204EA-0271, Bill Barrett Phase 10 Development, six wellpads, each with multiple wellbores, and supporting access roads and pipeline corridors, located in the Avintaquin and Cottonwood WMAs, W-113-L Segment 20, approved August 1, 2012. Secs 23 and 26, T4S, R6W, and Secs 34, 35, and 36, T4S, R5W, USBM, Duchense County. Check 198976, \$74,788.83. 30 year term.

Receivable  Payable  Land Acquisition  MOU  Easement/Right of Way

**NUMBER OF FTE'S PER THIS CONTRACT:**

# of AJ's	0
# of AL's	0
# of B's	0
Total number of FTE's	0

An FTE is defined as 2,088 labor hours being worked. That could be comprised of multiple employees or a single employee.  
 Example: A contract has \$58,500 for labor that is 3-AJ's for 3 months each = 1,566 hrs and 1-AL for 1 year = 2088 hrs. Total is 3,654 hrs or 1.75 FTE's

**DELIVERABLES (Reports, products, materials):**

	Due Date:
Copy of recorded easement	May 1, 2013

Effective Date 4/9/2013  
 Expiration Date 4/8/2043

**Total Amount to be Received/Paid:**

Description	Amount
[Redacted]	

Is this a new Project number? Yes  No

**A budget change form will need to be submitted with all contracts, including amendments.**

Unit	Appr	Activity	Function	Program	Object	Amount	SLO Use
[Redacted]							

Contract Monitor: Greg Hansen

Mitigation Funds Monitor: N/A

Section Chief / Regional Supervisor Approval: *Shley Green*

**EASEMENT LEASE AGREEMENT  
BILL BARRETT CORPORATION'S  
PHASE 10 DEVELOPMENT**

70 1739

LC Tribal #5-24D-46 & 8H-24-46 Pipeline Corridor  
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COTTONWOOD WILDLIFE MANAGEMENT AREA**

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- I Reclamation Performance Bond Number LPM9090226

70 1739

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**SURFACE OWNER**

**STATE OF UTAH  
DEPARTMENT OF NATURAL  
RESOURCES, DIVISION OF WILDLIFE  
RESOURCES**

**ACTING DIRECTOR**

By: Michael F. Sheehan  
Gregory Sheehan  
Director of Wildlife Resources

Date: 4/15/13

**LESSEE**

**BILL BARRETT CORPORATION**

By: Huntington T. Walker  
Huntington T. Walker  
Sr. Vice President - Land  
Bill Barrett Corporation

Date: 4/4/13

**Funding Approvals:  
Division of Wildlife Resources Fiscal  
Management**

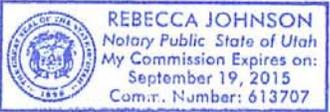
By: Linda Braithwaite  
Linda Braithwaite  
Budget Officer

Date: 4/16/13

70 1739

STATE OF UTAH )  
 ) SS.  
COUNTY OF SALT LAKE )

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Gregory Sheehan, who being first duly sworn said that he is the Director of the Division of Wildlife Resources for the State of Utah, that the foregoing instrument was executed pursuant to authority granted him by The Wildlife Resource Code of Utah (23-21-1), and he acknowledged to me that he executed the same.

	<u>Rebecca Johnson</u> Notary Public for the State of Utah Residing at <u>Salt Lake County</u> My commission expires <u>9/19/2015</u>
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Huntington T. Walker to me known to be the Sr. Vice President - Land of Bill Barrett Corporation who executed the within and foregoing instrument, and acknowledged that the execution of the document herein was his free and voluntary act and deed, for the uses and purposes therein mentioned, and gave an oath that he is authorized to execute the within instrument for said corporation.

<p>TEALE P. STONE          NOTARY PUBLIC          STATE OF COLORADO          NOTARY ID # 20124021619          MY COMMISSION EXPIRES FEBRUARY 06, 2017</p>	<u>Teale P. Stone</u> Notary Public for the State of Colorado Residing at _____ My commission expires _____
---	--

# ON-SITE PREDRILL EVALUATION

## Utah Division of Oil, Gas and Mining

**Operator** BILL BARRETT CORP  
**Well Name** LC Tribal 5H-23-46  
**API Number** 43013516550000      **APD No** 6692    **Field/Unit** ALTAMONT  
**Location: 1/4,1/4** SENE    **Sec** 23    **Tw** 4.0S    **Rng** 6.0W    2154 FNL 660 FEL  
**GPS Coord (UTM)** 540608 4441166      **Surface Owner** UWDR

### Participants

Amy Ackman (archeologist), Don Hamilton (permit contractor), Zack Garner and Roger Mitchell (BBC), Trevor Anderson (surveyor), Ben Williams (DWR), James Hereford (BLM), Davie Stokes (t & e species)

### Regional/Local Setting & Topography

This location sits on the top of a large north south running ridge between Skitzzy Canyon and Indian Canyon about 7 miles south west of Duchesne, Utah. The location sits atop an existing county road. Drainage from this area is to the north toward the Strawberry River.

### Surface Use Plan

**Current Surface Use**  
Wildlfe Habitat

New Road Miles	Well Pad Width 280    Length 400	Src Const Material Onsite	Surface Formation UNTA
0.34			

**Ancillary Facilities** N

**Waste Management Plan Adequate?** Y

### Environmental Parameters

**Affected Floodplains and/or Wetlands** N

#### **Flora / Fauna**

Grasses, sage

Was covered by Pinion and juniper but this has been cleared

#### **Soil Type and Characteristics**

Loam soil with scattered fractured rock fragments

**Erosion Issues** N

**Sedimentation Issues** N

**Site Stability Issues** N

**Drainage Diverson Required?** N

**Berm Required?** Y

steep slopes

**Erosion Sedimentation Control Required? N**

**Paleo Survey Run? N    Paleo Potential Observed? N    Cultural Survey Run? Y    Cultural Resources? N**

**Reserve Pit**

**Site-Specific Factors**

**Site Ranking**

- Distance to Groundwater (feet)**
- Distance to Surface Water (feet)**
- Dist. Nearest Municipal Well (ft)**
- Distance to Other Wells (feet)**
- Native Soil Type**
- Fluid Type**
- Drill Cuttings**
- Annual Precipitation (inches)**
- Affected Populations**
- Presence Nearby Utility Conduits**
- Final Score**

Sensitivity Level

**Characteristics / Requirements**

The reserve pit as proposed is 235ft by 70ft by 8ft deep and is to be placed in a cut stable location. Zack Garner of Bill Barrett Corporation stated that a minimum 16 mil liner and felt subliner will be used and that typically a 20 mil liner is used for all reserve pits. This appears to be adequate for this location.

**Closed Loop Mud Required? N    Liner Required? Y    Liner Thickness 16    Pit Underlayment Required? Y**

**Other Observations / Comments**

Richard Powell  
**Evaluator**

8/30/2012  
**Date / Time**

---

**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>
6692	43013516550000	LOCKED	OW	P	No
<b>Operator</b>	BILL BARRETT CORP		<b>Surface Owner-APD</b>	UWDR	
<b>Well Name</b>	LC Tribal 5H-23-46		<b>Unit</b>		
<b>Field</b>	ALTAMONT		<b>Type of Work</b>	DRILL	
<b>Location</b>	SENE 23 4S 6W U 2154 FNL (UTM) 540606E 4441157N		660 FEL	GPS Coord	

**Geologic Statement of Basis**

The mineral rights for the proposed well are owned by the Ute Tribe. The BLM will be the agency responsible for evaluating and approving the drilling, casing and cement programs.

Brad Hill  
APD Evaluator

9/20/2012  
Date / Time

**Surface Statement of Basis**

This proposed well site is on Utah DWR surface with tribal minerals. This is a 2 well pad to be shared with the LC Tribal 8-23D-46. DWR representative Ben Williams was in attendance and stated that this surface area is important deer and elk winter range and for this reason Mr. Williams requested a construction closure from December 1st to April 15th.

Also, Mr. Williams also requested that a gate be placed on the north side of the location so that the road from the north does not become the main access. Mr. Williams is also in talks with Duchesne concerning this matter. Closure of this road to the north greatly lengthens access to this site but according to Mr. Williams this is critical elk habitat and use of the road going north will cause much disturbance to the herds. The land use agreement is not yet complete on this site and this issue is not yet settled.

James Hereford of the BLM asked that the top soil pile be moved to corner 3 and that the equipment and tanks be moved, but Zack Garner stated that this would not be possible and Mr. Hereford backed off. Zack Garner stated that a 20 mil liner would likely be used but agreed that no less than a 16 mil would be used. A berm will be required for this location. This appears to be a good site for placement of this well.

Richard Powell  
Onsite Evaluator

8/30/2012  
Date / Time

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

<b>Category</b>	<b>Condition</b>
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 8/23/2012

API NO. ASSIGNED: 43013516550000

WELL NAME: LC Tribal 5H-23-46

OPERATOR: BILL BARRETT CORP (N2165)

PHONE NUMBER: 303 312-8172

CONTACT: Venessa Langmacher

PROPOSED LOCATION: SENE 23 040S 060W

Permit Tech Review: 

SURFACE: 2154 FNL 0660 FEL

Engineering Review: 

BOTTOM: 1980 FNL 0700 FWL

Geology Review: 

COUNTY: DUCHESNE

LATITUDE: 40.11975

LONGITUDE: -110.52346

UTM SURF EASTINGS: 540606.00

NORTHINGS: 4441157.00

FIELD NAME: ALTAMONT

LEASE TYPE: 2 - Indian

LEASE NUMBER: 2OG0005500

PROPOSED PRODUCING FORMATION(S): UTELAND BUTTE

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

## RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: INDIAN - LPM8874725
- 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  
27 - Other - bhll



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 Tribal 5H-23-46  
**API Well Number:** 43013516550000  
**Lease Number:** 2OG0005500  
**Surface Owner:** FEE (PRIVATE)  
**Approval Date:** 4/23/2013

### 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 UTELAND BUTTE 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).

In accordance with Utah Admin. R.649-3-21, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

### Notification Requirements:

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

- Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284

(please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website  
at <http://oilgas.ogm.utah.gov>

**Reporting Requirements:**

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

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

**Approved By:**

A handwritten signature in black ink, appearing to read "John Rogers", written over a horizontal line.

For John Rogers  
Associate Director, Oil & Gas

**Well Data**

**WELL SEARCH** | **WELL DATA** | **WELL HISTORY** | **WELL ACTIVITY**

WELL NAME: LC TRIBAL 5H-23-46    API NUMBER: 4301351855    WELL TYPE: OW    WELL STATUS: LA

OPERATOR: BILL BARRETT CORP    ACCOUNT: N2165 #    OPERATOR APPROVED BY BLM / BIA

DESIGNATED OPERATOR:    ACCOUNT:   

FIELD NAME: ALTAMONT    FIELD NUMBER: 55    FIRST PRODUCTION:    LA/PA DATE:   

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**WELL LOCATION**

SURF LOCATION: 2154 FNL 0660 FEL

Q. Q. S. T. R. M.    SENE    23    04.0 S    06.0 W    U

COUNTY: DUCHE SNE

**UTM COORDINATES**

SURFACE - N: 4441157.00    BHL - N: 4441209

SURFACE - E: 540606.00    BHL - E: 539434

LATITUDE: 40.11975

LONGITUDE: -110.52346

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CONFIDENTIAL FLAG:     LEASE NUMBER: 20G0005500

CONFIDENTIAL DATE:    MINERAL LEASE TYPE: 2

DIRECTIONAL | HORIZONTAL: H    SURFACE OWNER TYPE: 4

HORIZONTAL LATERALS:     INDIAN TRIBE: UTE

COMMINGLED PRODUCTION:     C.A. NUMBER:   

ORIGINAL FIELD TYPE: D    UNIT NAME:   

WILDCAT TAX FLAG:     CUMULATIVE PRODUCTION:

CB-METHANE FLAG:     OIL:   

ELEVATION: 6829 GR    GAS:   

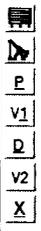
BOND NUMBER / TYPE: LPM8874725    2    WATER:   

---

WELL FILES | WELL PHOTOS | PROD. GRAPH

COMMENTS: 140325 1YR APD EXT-140924 LA PER OP.

Create New Rec | Save | Cancel Change | To History | To Activity | Print Recd | Export Recd | ↑ ↓





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

September 25, 2014

Venessa Langmacher  
Bill Barrett Corporation  
1099 18<sup>th</sup> Street, Suite 2300  
Denver, CO 80202

RE: APDs Rescinded for Bill Barrett Corporation, Duchesne County, Utah

Dear Ms. Langmacher:

As requested, attached is a list of the APD's that the Division of Oil, Gas and Mining "the Division" has rescinded. No drilling activity at these locations has been reported to the Division. Therefore, approval to drill these wells is hereby rescinded, effective September 24, 2014.

New APDs must be filed with this office for approval prior to the commencement of any future work on the subject locations.

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

Sincerely,

Lisha Cordova  
Environmental Scientist

LC

Attachment: (1)

cc: Well File

Bureau of Land Management, Vernal

Page 2

September 25, 2014

APDs Rescinded eff. 9/24/14

43-013-51507- LC Tribal 13H-26-46

43-013-51664- LC Tribal 5H-26-46

43-013-51397- LC Tribal 13H-23-46

43-013-51506- LC Tribal 13H-34-46

43-013-51655- LC Tribal 5H-23-46



Lisha Cordova <lishacordova@utah.gov>

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**Fwd: Rescind Permits Please :)**

1 message

---

**Bradley Hill** <bradhill@utah.gov>  
To: "Cordova, Lisha" <lishacordova@utah.gov>

Wed, Sep 24, 2014 at 9:13 AM

Brad Hill P.G.  
O & G Permitting Manager/Petroleum Geologist  
State of Utah  
Division of Oil, Gas, & Mining  
Phone: (801)538-5315  
Fax: (801)359-3940  
email: bradhill@utah.gov

----- Forwarded message -----

From: **Venessa Langmacher** <vlangmacher@billbarrettcorp.com>  
Date: Tue, Sep 23, 2014 at 1:25 PM  
Subject: Rescind Permits Please :)  
To: "bradhill@utah.gov" <bradhill@utah.gov>

Good Afternoon Brad,

Could you please cancel the following permits?

4301351507 LC Tribal 13H-26-46

4301351664 LC Tribal 5H-26-46

4301351397 LC Tribal 13H-23-46

4301351506 LC Tribal 13H-34-46

4301351655 LC Tribal 5H-23-46

Please let me know if you have any questions or need any additional information.

Thanks,

Venessa Langmacher

Senior Permit Analyst

9/24/2014

State of Utah Mail - Fwd: Rescind Permits Please :)

BILL BARRETT CORPORATION

1099 18th Street | Suite 2300

Denver, CO 80202

D 303.312.8172 | F 303.291.0420

vlangmacher@billbarrettcorp.com

www.billbarrettcorp.com



**Bill Barrett Corporation**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NOV 03 2015

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

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
1420H625500

6. If Indian, Allottee or Tribe Name  
UINTAH AND OURAY

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

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. LC TRIBAL 5H-23-46	
2. Name of Operator BILL BARRETT CORPORATION		Contact: BRADY RILEY E-Mail: briley@billbarrettcorp.com	9. API Well No. 43-013-51655-00-X1
3a. Address 1099 18TH STREET SUITE 2300 DENVER, CO 80202	3b. Phone No. (include area code) Ph: 303-312-8115		10. Field and Pool, or Exploratory ALTAMONT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 23 T4S R6W SENE 2154FNL 660FEL 40.119781 N Lat, 110.523431 W Lon			11. County or Parish, and State DUCHESNE COUNTY, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Change to Original APD
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

BBC is hereby requesting a two year extension for this APD until 1/23/2018

APD - 1/23/14

RECEIVED

DEC 18

DIV. OF OIL, GAS & MINING

CONDITIONS OF APPROVAL ATTACHED

VERNAL FIELD OFFICE
ENG. <u>REP 11/24/15</u>
GEOLOGIST _____
E.S. _____
PET. _____
RECL. _____

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #322282 verified by the BLM Well Information System**  
**For BILL BARRETT CORPORATION, sent to the Vernal**  
**Committed to AFMSS for processing by JOHNETTA MAGEE on 11/06/2015 (16JM0050SE)**

Name (Printed/Typed) <b>BRADY RILEY</b>	Title <b>PERMIT ANALYST</b>
Signature (Electronic Submission)	Date <b>11/03/2015</b>

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <u>[Signature]</u>	Title <b>Assistant Field Manager Lands &amp; Mineral Resources</b>	Date <b>NOV 30 2015</b>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
<b>VERNAL FIELD OFFICE</b>		
Office		

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

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

**UDOGM**

**Revisions to Operator-Submitted EC Data for Sundry Notice #322282**

	<b>Operator Submitted</b>	<b>BLM Revised (AFMSS)</b>
Sundry Type:	OTHER NOI	APDCH NOI
Lease:	1420H625500	1420H625500
Agreement:		
Operator:	BILL BARRETT CORPORATION 1099 18TH STREET SUITE 2300 DENVER, CO 80202 Ph: 303-293-9100	BILL BARRETT CORPORATION 1099 18TH STREET SUITE 2300 DENVER, CO 80202 Ph: 303.312.8546
Admin Contact:	BRADY RILEY PERMIT ANALYST E-Mail: briley@billbarrettcorp.com  Ph: 303-312-8115	BRADY RILEY PERMIT ANALYST E-Mail: briley@billbarrettcorp.com  Ph: 303-312-8115
Tech Contact:	BRADY RILEY PERMIT ANALYST E-Mail: briley@billbarrettcorp.com  Ph: 303-312-8115	BRADY RILEY PERMIT ANALYST E-Mail: briley@billbarrettcorp.com  Ph: 303-312-8115
Location:		
State:	UT	UT
County:	DUCHESNE	DUCHESNE
Field/Pool:	ALTAMONT	ALTAMONT
Well/Facility:	LC TRIBAL 5H-23-46 Sec 23 T4S R6W Mer UBM SENE 2154FNL 660FEL	LC TRIBAL 5H-23-46 Sec 23 T4S R6W SENE 2154FNL 660FEL 40.119781 N Lat, 110.523431 W Lon

# CONDITIONS OF APPROVAL

## Bill Barrett Corporation

### Notice of Intent APD Extension

**Lease:** 1420H625500  
**Well:** LC Tribal 5H-23-46  
**Location:** SENE Sec 23-T4S-R6W

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

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1. The extension and APD shall expire on 01/23/2018.
2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Robin L Hansen of this office at (435) 781-2777