



July 3, 2008

Utah Division of Oil, Gas and Mining
P.O. Box 145801
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

15-23-47 DLB
Tribal Surface/Tribal Minerals
SWSE, Section 23-T4S-R7W
Duchesne County, Utah

Diana Mason, Environmental Scientist I:

Enclosed please find a copy of Bill Barrett Corporation's (BBC) application for permit to drill the above captioned well. Montgomery Archeological Consultants conducted a Class III archeological survey for this location the week of June 16, 2008. Once BBC receives a copy of this report it will be forwarded. Also, a copy of EIS Environmental and Engineering Consulting survey for this location has been sent under a previous cover for the # 7-19-46 DLB. This report does include the # 15-23-47 DLB location. The report, "Threatened, Endangered, Candidate, and Sensitive Species Survey" dated June 17, and 19, 2008 found no threatened or endangered species.

Please contact me at (303) 312-8546 if you need anything additional or have any questions.

Sincerely,

A handwritten signature in black ink that reads "Reed Haddock".

Reed Haddock
Permit Analyst

Enclosures

RECEIVED

JUL 07 2008

DIV. OF OIL, GAS & MINING

1099 18TH STREET
SUITE 2300
DENVER, CO 80202
P 303.293.9100
F 303.291.0420

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No. BIA 14-20-H62-5500	
6. If Indian, Allottee or Tribe Name UTE INDIAN TRIBE	
7. If Unit or CA Agreement, Name and No. N/A	
8. Lease Name and Well No. # 15-23-47 DLB	
9. API Well No. Pending 43-013-34022	
10. Field and Pool, or Exploratory Altamont Wildcat	11. Sec., T. R. M. or Blk. and Survey or Area Section 23-T4S-R7W U.S.B.&M.
12. County or Parish Duchesne	13. State UT
14. Distance in miles and direction from nearest town or post office* Approximately 20.4 miles southwest of Duchesne, Utah	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1231'	16. No. of acres in lease N/A
17. Spacing Unit dedicated to this well 40	18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 3,900' Applied for loc.
19. Proposed Depth 8459'	20. BLM/BIA Bond No. on file Nationwide Bond #WYB000040
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 7296' ungraded ground	22. Approximate date work will start* 09/15/2008
23. Estimated duration 45 days	

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature <i>Reed Haddock</i>	Name (Printed/Typed) Reed Haddock	Date 07/03/2008
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Title Permit Analyst		
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Approved by (Signature) <i>Bradley G. Hill</i>	Name (Printed/Typed) BRADLEY G. HILL	Date 07-16-08
--	--	-------------------------

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

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

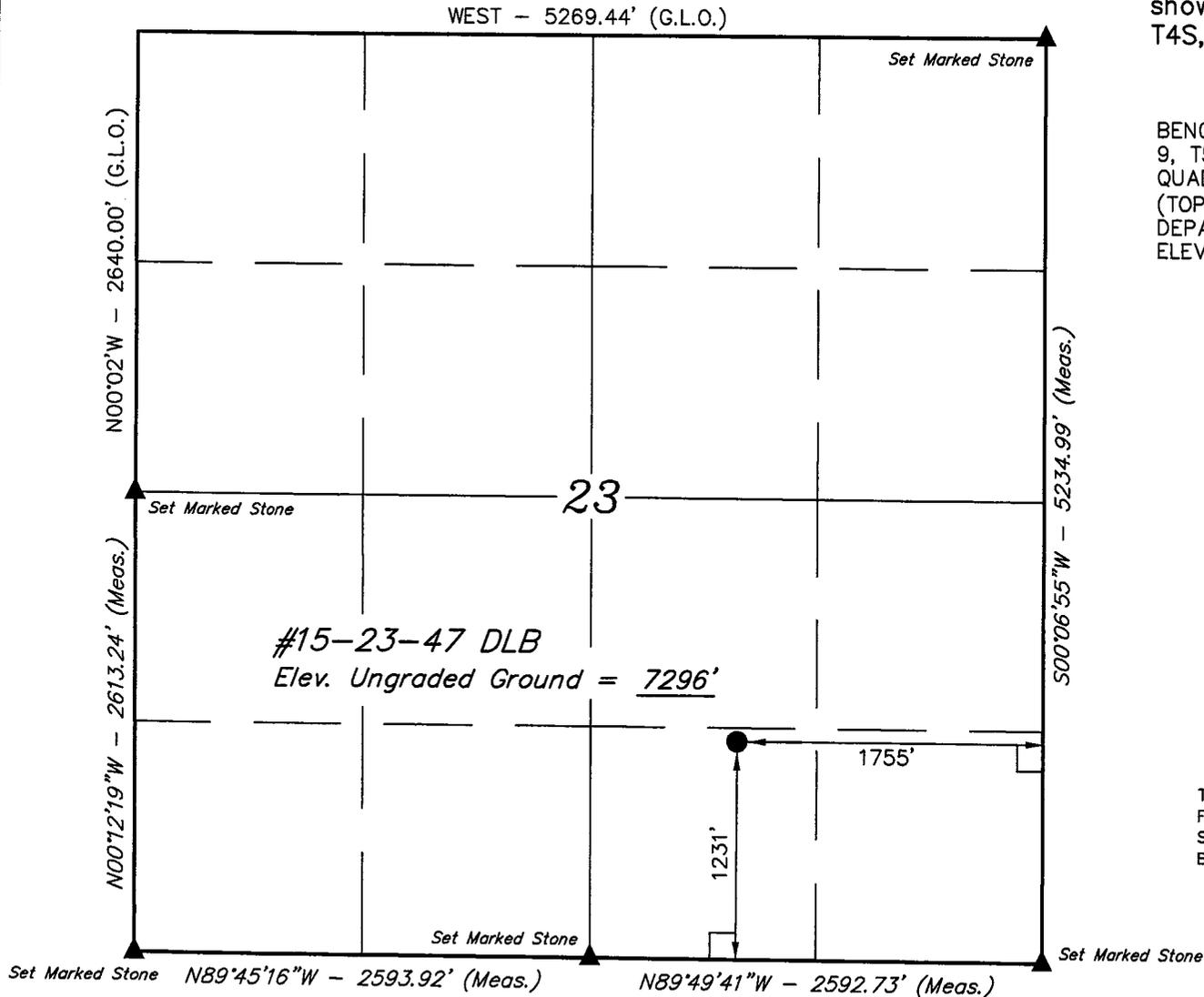
*(Instructions on page 2)

536763X
4440325Y
40114564
110.639011

**Federal Approval of this
Action is Necessary**

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DIV. OF OIL, GAS & MINING

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



BILL BARRETT CORPORATION

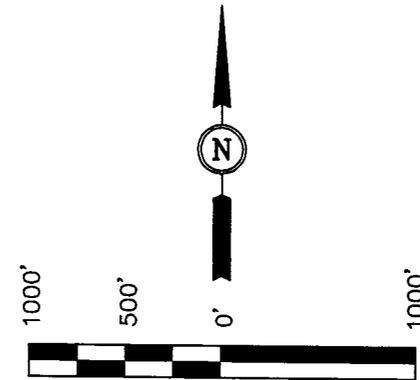
Well location, #15-23-47 DLB, located as shown in the SW 1/4 SE 1/4 of Section 23, T4S, R7W, U.S.B.&M., Duchesne County, Utah.

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.

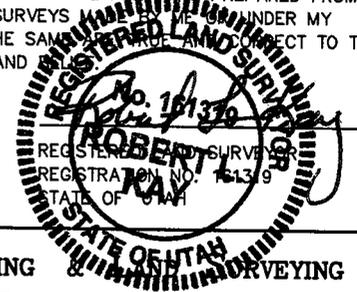
BASIS OF BEARINGS

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



SCALE
CERTIFICATE

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



LEGEND:

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

(NAD 83)
 LATITUDE = 40°06'52.55" (40.114597)
 LONGITUDE = 110°38'23.19" (110.639775)
 (NAD 27)
 LATITUDE = 40°06'52.70" (40.114639)
 LONGITUDE = 110°38'20.63" (110.639064)

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

SCALE 1" = 1000'	DATE SURVEYED: 05-05-08	DATE DRAWN: 06-16-08
PARTY S.H. T.P. C.H.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE BILL BARRETT CORPORATION	

Bill Barrett Corporation
Drilling Program
15-23-47 DLB
Duchesne County, Utah

HAZARDOUS MATERIAL DECLARATION

WELL NO. #15-23-47 DLB – BIA CONTRACT NO. 14-20-H62-5500

Bill Barrett Corporation guarantees that during the drilling and completion of the above referenced well, we will not use, produce, or store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Super Amendments and Reauthorization Act (SARA) of 1986.

Bill Barrett Corporation guarantees that during the drilling and completion of the above referenced well, we will use, produce, store, transport, or dispose less than the threshold planning quantity (TPQ) of any extremely hazardous substances as defined in 40 CFR 355.

DRILLING PLAN

BILL BARRETT CORPORATION
 # 15-23-47 DLB
 SHL: SWSE, 1231' FSL & 1755' FEL, Section 23-T4S-R7W
 BHL: SWSE, 1231' FSL & 1755' FEL, Section 23-T4S-R7W
 Surface Owner: Tribal (Ute Indian Tribe)
 Duchesne County, Utah

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

<u>Formation</u>	<u>Depth</u>
TGR3	3,522'
Douglas Creek	4,354'
Black Shale	5,148'
Castle Peak	5,381'
Wasatch	5,964' *
North Horn	8,033' *
TD	8,459'

*PROSPECTIVE PAY

The Wasatch and the North Horn are primary objectives for oil/gas.

3. BOP and Pressure Containment Data

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 850'	No pressure control required
850' – TD	11" 3000# Ram Type BOP 11" 3000# Annular BOP
- Drilling spool to accommodate choke and kill lines;	
- Ancillary and choke manifold to be rated @ 3000 psi;	
- Ancillary equipment and choke manifold rated at 3,000#. 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.	

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>					
12 ¼"	surface	850'	9 5/8"	36#	J or K 55	ST&C	New
8 ¾"	surface	8,459'	5 ½"	17#	N or I 80	LT&C	New

5. **Cementing Program**

9 5/8" Surface Casing	Approximately 230 sx Halliburton Light Premium with additives mixed at 12.7 ppg (yield = 1.82 ft ³ /sx) circulated to surface with 100% excess
5 1/2" Production Casing	Approximately 370 sx Halliburton Hi-Fill Modified cement with additives mixed at 10.7 ppg (yield = 2.92 ft ³ /sx). Approximately 340 sx Halliburton Tuned Light RS-1 cement with additives mixed at 11.5 ppg (yield = 3.21 ft ³ /sx). Top of cement to be determined by log and sample evaluation; estimated TOC 850'.

6. **Mud Program**

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss (API filtrate)</u>	<u>Remarks</u>
40' – 850'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
850' – TD	8.6 – 10.6	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 4663 psi* and maximum anticipated surface pressure equals approximately 2802 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)

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
- d) Mud monitoring will be visually observed

Bill Barrett Corporation
Drilling Program
15-23-47 DLB
Duchesne County, Utah

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.

11. Drilling Schedule

Location Construction:	Approximately September 1, 2008
Spud:	Approximately September 15, 2008
Duration:	20 days drilling time
	45 days completion time

15-23-47 DLB Proposed Cementing Program

<u>Job Recommendation</u>	<u>Surface Casing</u>
Lead Cement - (350' - 0')	
Halliburton Light Premium	Fluid Weight: 12.7 lbm/gal
1.0% Calcium Chloride	Slurry Yield: 1.82 ft ³ /sk
0.125 lbm/sk Ploy-E-Flake	Total Mixing Fluid: 9.72 Gal/sk
	Top of Fluid: 0'
	Calculated Fill: 350'
	Volume: 34.16 bbl
	Proposed Sacks: 120 sks
 Tail Cement - (TD - 350')	
Premium Cement	Fluid Weight: 15.8 lbm/gal
2.0% Calcium Chloride	Slurry Yield: 1.20 ft ³ /sk
0.125 lbm/sk Ploy-E-Flake	Total Mixing Fluid: 5.238 Gal/sk
	Top of Fluid: 350'
	Calculated Fill: 500'
	Volume: 48.80 bbl
	Proposed Sacks: 230 sks

<u>Job Recommendation</u>	<u>Production Casing</u>
Lead Cement - (4648' - 850')	
Halliburton Hi-Fill Modified	Fluid Weight: 10.7 lbm/gal
0.2% HR-5	Slurry Yield: 2.92 ft ³ /sk
0.25 lbm/sk Poly-E-Flake	Total Mixing Fluid: 17.26 Gal/sk
5.0 lbm/sk Gilsonite	Top of Fluid: 850'
	Calculated Fill: 3,798'
	Volume: 187.94 bbl
	Proposed Sacks: 370 sks
 Tail Cement - (8459' - 4648')	
Halliburton Tuned Light RS-1	Fluid Weight: 11.5 lbm/gal
0.2% Super CBL	Slurry Yield: 3.21 ft ³ /sk
0.2% HR-5	Total Mixing Fluid: 18.56 Gal/sk
	Top of Fluid: 4,648'
	Calculated Fill: 3,811'
	Volume: 188.60 bbl
	Proposed Sacks: 340 sks



BILL BARRETT CORPORATION

**1099 18th St., Suite 2300
Denver, CO 80202**

Field: Brundage/Lake Canyon
Geological Basin: Uinta
Well Name: General
Location: Duchesne County, UT

KCL Polymer Drilling Fluid Recommendation

Prepared for: Mr. Dominic Spencer

August 17, 2006

Submitted by:
Isaac Womack, Tech. Prof., Baroid product service line, Halliburton
1125 17th St., Suite 1900
Denver, CO 80202
303.675.4476
isaac.womack@Halliburton.com

HALLIBURTON
Baroid

DRILLING PROGRAM BRIEFING

Well total depth : 8,500' TMD

		<u>Hole Size</u>	<u>Casing</u>	<u>Length</u>
Casing design :	Surface	12 1/4"	9 5/8"	750'
	Production	7 7/8"	5 1/2"	8500'

***Fluid density :** 8.3 - 9.0 ppg from 0' to 750'
8.6 - 10.0 ppg from 750' to 8500'

NOTE: Data taken from off-set wells in Duchesne County, UT

*The drilling fluid density schedule is intended as a guideline only. Actual drilling fluid densities should be determined by well bore conditions and drilling parameters.

Estimated drilling days : 0' to 750' = 2 days (12 1/4" Hole)
750' to 8,500' = 16days (7 7/8" Hole)

Total = 18 days

Drilling fluid systems : 0' to 750' - Freshwater Spud Mud
750' to 8,500' - KCL Polymer

Solids control equipment : 0' - 8,500'
- Two Shale Shakers
- Desander / Desilter / Degasser
- One High Speed Centrifuge (if available)

Est. total drilling fluid cost: \$ 17,219.00

DRILLING FLUID PROGRAM SUMMARY

The following drilling fluid systems are proposed for the Brundage Canyon well:

HOLE SIZE (in.)	DRILLING FLUID SYSTEM	FLUID DENSITY (ppg)	INTERVAL LENGTH FROM - TO
12 1/4"	Freshwater spud mud fluid system	8.3 – 9.0	0' to 750'
8 3/4"	KCL Polymer fluid system	8.6 - 10.6	750' to 8,500'

12 1/4" Hole Section (0' to 750' TMD)

A freshwater spud mud drilling fluid system is recommended to drill this interval. Drill out conductor casing shoe with freshwater using additions of AQUAGEL and EZ-MUD to maintain fluid properties, as well as in hi-vi sweeps to facilitate hole cleaning. Pump BARACARB (25/50) sawdust sweeps prior to tripping out of the hole. Monitor the drill-string for tight connections. Expect minor to severe lost circulation in this interval. Pump sweeps of saw dust/ BARACARB at 5-10 ppb for minor seepage and sweeps of N-seal at 5 ppb and saw dust at 10 ppb for more severe losses. When total depth (TD) is reached make a wiper trip to the shoe to "clean up" the well bore, a string of 9 5/8" casing will then be set and cemented back to surface.

7 7/8" Hole Section (750' to 8,500' TMD)

After drilling the surface hole section, dump all of the drilling fluid used in the surface interval to the reserve pit. Check reserve pit water to make sure it is acceptable to use for drilling fluid.

Mud up with the following:

- .5 lb./bbl N-Vis P
- 2 lb/bbls ZEOGEL
- .5 lb/bbl BARACOR 700 (or phosphates over 1300 ppm (see corrosion program))
- 3% by volume KCL

Maintain 3% KCL in the reserve pit while drilling this section. (add 3.5 ppb for every 1% increase)

Test for % of KCL

$$((\text{ml of .282 Silver Nitrate added} * 10,000)/3280) = \%KCL$$

*record and report this concentration on each mud report

Add BARACAT to reserve pit to flocculate out solids. This system should have sufficient YP to keep the hole clean while drilling this interval.

Lost Circulation: Should losses occur while drilling the lateral section add BARACARB (5) OR BARACARB (50) to control. (BARACARB can be acidized) Concentrations of BARACARB will be determined by the losses encountered. Expect increased lost circulation with increases in drilling fluid density. Continue to monitor and record all

Brundage Canyon

Duchesne County, Utah

instances of gas kicks, water flows and lost circulation, adjust mud weight as needed. Sweeps of LUBRA-BEADS may help reduce mechanical torque due to the dog-legs. When lateral has been drilled, circulate the hole clean and run production casing.

Recommended Drilling Fluids Properties							
Drilling Depth (ft)	Fluid Density (lb/gal)	Funnel Viscosity (sec/qt)	API Filtrate (ml)	pH	Plastic Viscosity (cP)	Yield Point (lbs/100ft ²)	Low Gravity Solids (% by Vol)
0' – 750'	8.3 - 8.8	26 – 36	NC	7.0- 8.5	0 – 15	0 - 24	< 8
Surface casing: 9 5/8" set at 750' TMD							

- ◆ Spud with freshwater. Circulate through a reserve pit **if possible**.
- ◆ Mix 10.0-ppb AQUAGEL, 1.0 ppb EZ MUD, and 0.5-ppb lime in 50 bbl sweeps to improve well bore cleaning.
- ◆ Mix 1.0 gal. EZ-MUD down drill sting on connections for shale inhibition and optimum drill solids removal by the solids control equipment.
- ◆ Mix sweeps of saw dust/ BARACARB(25/50) at 5-10 ppb for minor seepage and N-seal at 5 ppb and saw dust at 10 ppb for more severe losses.
- ◆ If well bore conditions indicate, mud up to a KCL fluid system as indicated in the production interval.

Drilling Depth (ft)	Fluid Density (lb/gal)	Funnel Viscosity (sec/qt)	API Filtrate (ml)	pH	Plastic Viscosity (cP)	Yield Point (lbs/100ft ²)	Low Gravity Solids (% by Vol)
750' – 8,500'	8.6 - 10.6	42 - 52	<20	10.5-12.0	0-15	0-20	< 8
Production casing: 5 1/2" set at 8,500' TMD							

- ◆ Drill out the surface casing shoe with KCL Polymer fluid system.
- ◆ Build initial pH with caustic soda then maintain with lime
- ◆ Additions of 0.5-ppb BARAZAN D can be used to enhance the low end rheology for optimum well bore cleaning and a lower solids drilling fluid.
- ◆ For seepage losses sweep the hole with 10.0-ppb BARACARB (25/50) in sweeps.
- ◆ For more severe losses sweep the hole with 5.0-ppb N-SEAL and 10.0-ppb Saw Dust. If losses can't be controlled, spot an 80.0-ppb HYDRO-PLUG pill across the loss zone(s).
- ◆ Spot pills of LUBRA-BREADS and/or TOURQE-LESS for additional torque and drag reduction as needed in dog-legs.

HALLIBURTON

**Bill Barrett Corporation E-bill
Do Not Mail-1099 18th St,ste 2300w
Denver, Colorado 80202**

Cedar Rim Field
Duchesne County, Utah
United States of America

Cement Surface Casing

Prepared for: Dominic Spencer
June 6, 2008
Version: 1

Submitted by:
Jared Fenton
Halliburton
1125 17th Street #1900
Denver, Colorado 80202
303.249.7704

HALLIBURTON

HALLIBURTON

Job Recommendation

Cement Surface

Casing

Fluid Instructions

Fluid 1: Water Spacer

Water Spacer

0.42 lbm/bbl Halliburton Gel (Light Weight Additive)

0.125 lbm/bbl Poly-E-Flake (Lost Circulation Additive)

Fluid Density: 8.340 lbm/gal

Fluid Volume: 20 bbl

Fluid 2: Lead Cement

Halliburton Light Premium

1 % Calcium Chloride (Accelerator)

0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

Fluid Weight 12.700 lbm/gal

Slurry Yield: 1.819 ft³/sk

Total Mixing Fluid: 9.716 Gal/sk

Top of Fluid: 0 ft

Calculated Fill: 1500 ft

Volume: 146.425 bbl

Calculated Sacks: 451.961 sks

Proposed Sacks: 455 sks

Fluid 3: Tail Cement

Premium Cement

2 % Calcium Chloride (Accelerator)

0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

Fluid Weight 15.600 lbm/gal

Slurry Yield: 1.197 ft³/sk

Total Mixing Fluid: 5.238 Gal/sk

Top of Fluid: 1500 ft

Calculated Fill: 800 ft

Volume: 78.093 bbl

Calculated Sacks: 366.301 sks

Proposed Sacks: 370 sks

HALLIBURTON

Job Recommendation

Cement Production Casing

Fluid Instructions

Fluid 1: Water Spacer
5 bbl Water

Fluid Density: 8.330 lbm/gal
Fluid Volume: 5 bbl

Fluid 2: Reactive Spacer
Super Flush 101 XLC
4.16667 gal/Mgal
40 bbl

Fluid Density: 10 lbm/gal
LGC-35 CBM (Gelling Agent) Fluid Volume:

1 lbm/bbl Tuf Fiber 594 (Lost Circulation Additive)

Fluid 3: Water Spacer
5 bbl Water

Fluid Density: 8.330 lbm/gal
Fluid Volume: 5 bbl

Fluid 4: 10.5# CBM Lite (Type V)
VARICEM (TM) CEMENT

0.3 % SteelSeal (Additive Material)
1 lbm/sk Pheno Seal - Blend (Lost Circulation Additive)
0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)
1 lbm/sk Tuf Fiber 594 (Lost Circulation Additive)

Fluid Weight 10.500 lbm/gal
Slurry Yield: 4.312 ft³/sk
Total Mixing Fluid: 27.925 Gal/sk
Top of Fluid: 3064 ft
Calculated Fill: 511 ft
Volume: 38.400 bbl
Calculated Sacks: 50 sks
Proposed Sacks: 50 sks

Fluid 5: Highbond 75

HALCEM (TM) SYSTEM
0.2 % HR-5 (Retarder)
0.25 lbm/sk Poly-E-Flake (Lost Circulation Additive)
5 lbm/sk Gilsonite (Lost Circulation Additive)

Fluid Weight 10.700 lbm/gal
Slurry Yield: 2.917 ft³/sk
Total Mixing Fluid: 17.263 Gal/sk
Top of Fluid: 3575 ft
Calculated Fill: 3293 ft
Volume: 247.452 bbl
Calculated Sacks: 476.292 sks
Proposed Sacks: 480 sks

Fluid 6: Tuned Light RS1
TUNED LIGHT (TM) SYSTEM

Fluid Weight 11.500 lbm/gal

HALLIBURTON

0.2 % Super CBL (Expander)
0.2 % HR-5 (Retarder)

Slurry Yield: 3.208 ft³/sk
Total Mixing Fluid: 18.558 Gal/sk
Top of Fluid: 6868 ft
Calculated Fill: 4275 ft
Volume: 241.355 bbl
Calculated Sacks: 422.416 sks
Proposed Sacks: 425 sks

Fluid 7: Water Based Spacer
Clay Fix II
0.1 gal/bbl Clayfix II (Clay Control)

Fluid Density: 8.400 lbm/gal
Fluid Volume: 259.050 bbl

Well name:

Brundage / Lake Canyon General

Operator: **Bill Barrett Corporation**

String type: Surface

Location: Duchesne County, UT

Design parameters:

Collapse

Mud weight: 8.60 ppg

Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.10

Burst

Max anticipated surface

pressure: 303 psi

Internal gradient: 0.22 psi/ft

Calculated BHP 468 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.80 (J)

Premium: 1.80 (J)

Body yield: 1.80 (B)

Tension is based on buoyed weight.

Neutral point: 655 ft

Environment:

H2S considered? No

Surface temperature: 70.00 °F

Bottom hole temperature: 79 °F

Temperature gradient: 1.22 °F/100ft

Minimum section length: 750 ft

Cement top: Surface

Non-directional string.

Re subsequent strings:

Next setting depth: 8,500 ft

Next mud weight: 9.700 ppg

Next setting BHP: 4,283 psi

Fracture mud wt: 12.000 ppg

Fracture depth: 750 ft

Injection pressure 468 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)	Internal Capacity (ft³)
1	750	9.625	36.00	J-55	ST&C	750	750	8.796	53.4
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	335	2020	6.029	468	3520	7.53	24	394	16.72 J

Prepared Dominic Spencer
by: Bill Barrett

Phone: (303) 312-8143
FAX: (303) 312-8195

Date: July 21,2006
Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 750 ft, a mud weight of 8.6 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.

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

Well name:	Brundage / Lake Canyon General
Operator:	Bill Barrett Corporation
String type:	Production
Location:	Duchesne County, UT

Design parameters:

Collapse

Mud weight: 9.70 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 2,697 psi
 Internal gradient: 0.22 psi/ft
 Calculated BHP: 4,787 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor: 1.125

Burst:

Design factor: 1.10

Tension:

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

Tension is based on buoyed weight.
 Neutral point: 8,103 ft

Environment:

H2S considered? No
 Surface temperature: 70.00 °F
 Bottom hole temperature: 186 °F
 Temperature gradient: 1.22 °F/100ft
 Minimum section length: 1,500 ft

Cement top: 2,000 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	9500	5.5	17.00	I-80	LT&C	9500	9500	4.767	327.4
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	4787	6290	1.314	4787	7740	1.62	138	348	2.53 J

Prepared Dominic Spencer
 by: Bill Barrett

Phone: (303) 312-8143
 FAX: (303) 312-8195

Date: August 11, 2006
 Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 9500 ft, a mud weight of 9.7 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.

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

**I-80
Performance
Property
Comparison**

Outside Diameter, inch	Weight T & C, lb per ft	Thread Type	I-80 Performance Properties						J-55 Performance Properties					N-80 Performance Properties				
			Collapse, psi	Burst, psi	Tension, 1000 lbs Pipe Body Joint Yield Strength		Maximum Set Depth, feet	Collapse psi	Burst, psi	Tension, 1000 lbs Pipe Body Joint Yield Strength		Maximum Set Depth, feet	Collapse, psi	Burst, psi	Tension, 1000 lbs Pipe Body Joint Yield Strength		Maximum Set Depth, feet	
4.500	9.50	Short	3900	6380	221	138	6930	3310	4380	152	101	5890	3900	6380	221	143	6930	
	10.50	Short	4940	6970	241	173	8780	4010	4790	165	132	7000	4940	6970	241	186	8780	
	11.60	Long	6350	7780	267	201	9610	4960	5350	184	162	7760	6350	7780	267	223	10680	
5.500	14.00	Short	3620	6210	322	234	6440	3120	4270	222	172	5550	3620	6210	322	243	6440	
	15.50	Long	4990	7000	361	282	8870	4040	4810	248	217	7180	4990	7000	361	306	8870	
	17.00	Long	6280	7740	397	320	10470	4910	5320	273	247	8060	6280	7740	397	348	11170	
7.000	20.00	Short	2740	5440	460	320	4870	2270	3740	316	234	4040	2740	5440	460	331	4870	
	23.00	Long	3830	6340	532	428	6810	3270	4360	366	313	5810	3830	6340	532	442	6810	
	26.00	Long	5410	7240	604	502	9620	4320	4980	415	367	7680	5410	7240	604	519	9620	
8.625	24.00	Short	1430	4290	555	337	2540	1370	2950	381	244	2440	1430	4290	555	346	2540	
	28.00	Long	2160	4930	636	478	3840	1880	3390	437	348	3340	2160	4930	636	493	3840	
	32.00	Long	3050	5710	732	574	5420	2530	3930	503	417	4500	3050	5710	732	591	5420	

**I-80 Dimensions,
Torques and
Hydro-Test
Pressures**

Outside Diameter, inch	Weight T & C, lb per ft	Thread Type	Dimensions, inch					Make-Up Torque			Hydro- Test Pressure, psi
			Wall Thickness	Inside Diameter	Drift Diameter	Coupling Outside Diameter	Make-up Loss	Optimum	Minimum	Maximum	
4.500	9.50	Short	0.205	4.090	3.965	5.000	2.000	1380	1040	1730	5800
	10.50	Short	0.224	4.052	3.927	5.000	2.625	1790	1340	2240	6400
	11.60	Long	0.250	4.000	3.875	5.000	3.000	2190	1640	2740	7100
5.500	14.00	Short	0.244	5.012	4.887	6.050	2.875	2340	1760	2930	5700
	15.50	Long	0.275	4.950	4.825	6.050	3.500	2950	2210	3690	6400
	17.00	Long	0.304	4.892	4.767	6.050	3.500	3350	2510	4190	7100
7.000	20.00	Short	0.272	6.456	6.331	7.656	3.125	3200	2400	4000	5000
	23.00	Long	0.317	6.366	6.250	7.656	4.000	4280	3210	5350	5800
	26.00	Long	0.362	6.276	6.151	7.656	4.000	5020	3770	6280	6600
8.625	24.00	Short	0.264	8.097	7.972	9.625	3.000	3370	2530	4210	3900
	28.00	Long	0.304	8.017	7.892	9.625	4.500	4780	3590	5980	4500
	32.00	Long	0.352	7.921	7.875	9.625	4.500	5740	4310	7180	5200

1. API Bulletin 5C3, Sixth Edition, October 1994 was used to determine the listed properties.
2. The vertical set depth was computed using a 9.625 lb. per U.S. gallon mud, and safety factors of 1.125, 1.0 and 1.8 respectively, for collapse, burst and tension.
3. Products are available plain end and with IPSCO's premium connects QB1 and QB2.
4. As a service, IPSCO offers casing string designs upon request.

The information and data contained herein are accurate to our knowledge, based upon standard industry calculations. Buyers are encouraged to make their own evaluations of the above derived performance properties for their particular use. The specific warranty applicable to these goods is as contained in IPSCO's Order Acknowledgment, Conditions of Sale.



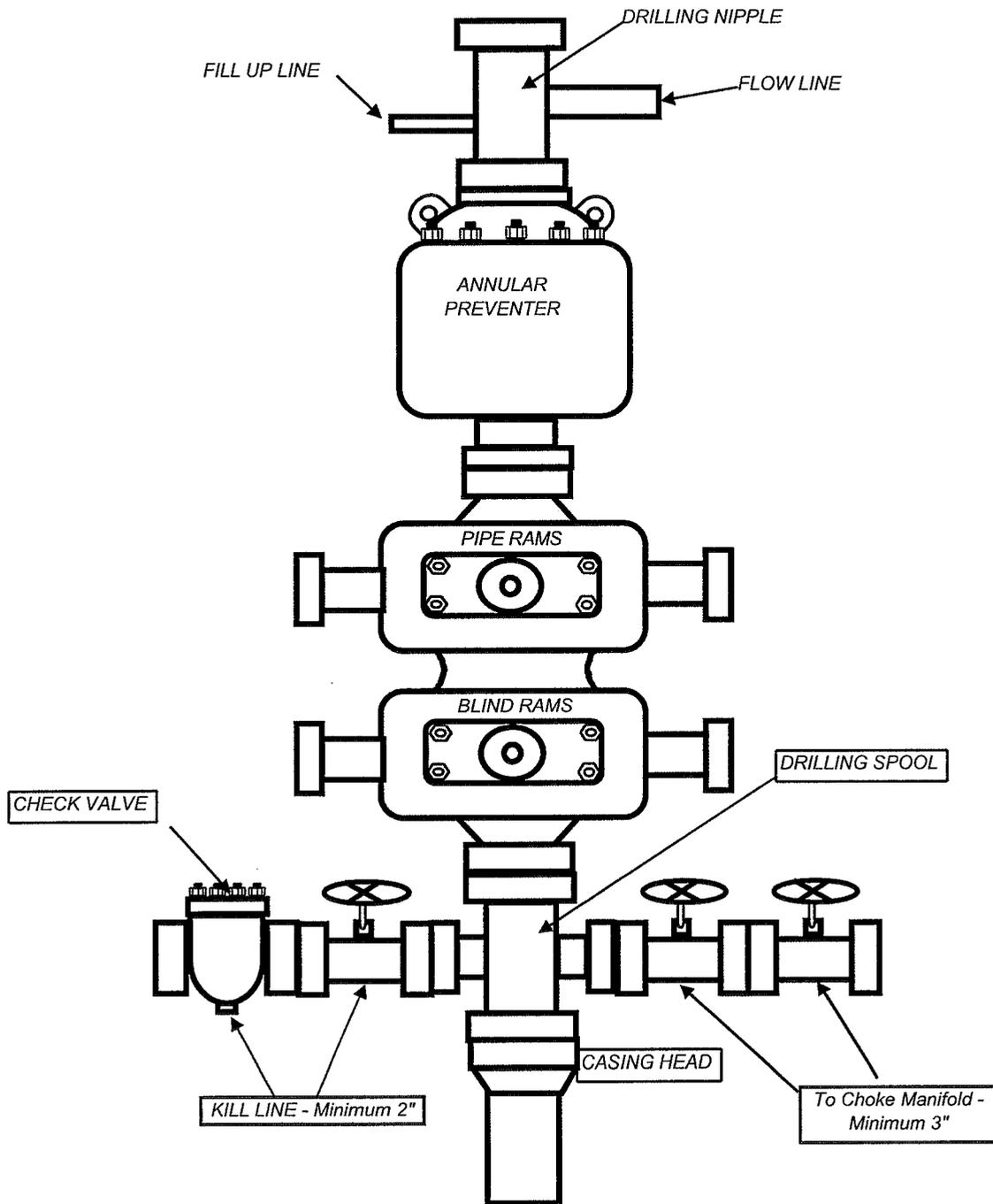
P.O. Box 18
Camanche, Iowa 52730
Phone: (563) 242-0000
Toll Free: 1-800-950-4772

400 505-3rd Street SW
Calgary, Alberta T2P 3E6
Phone: (403) 543-8000
Toll Free: 1-877-780-7560

P.O. Box 1670
Regina, Saskatchewan S4P 3C7
Phone: (306) 924-7700
Toll Free: 1-800-667-1616

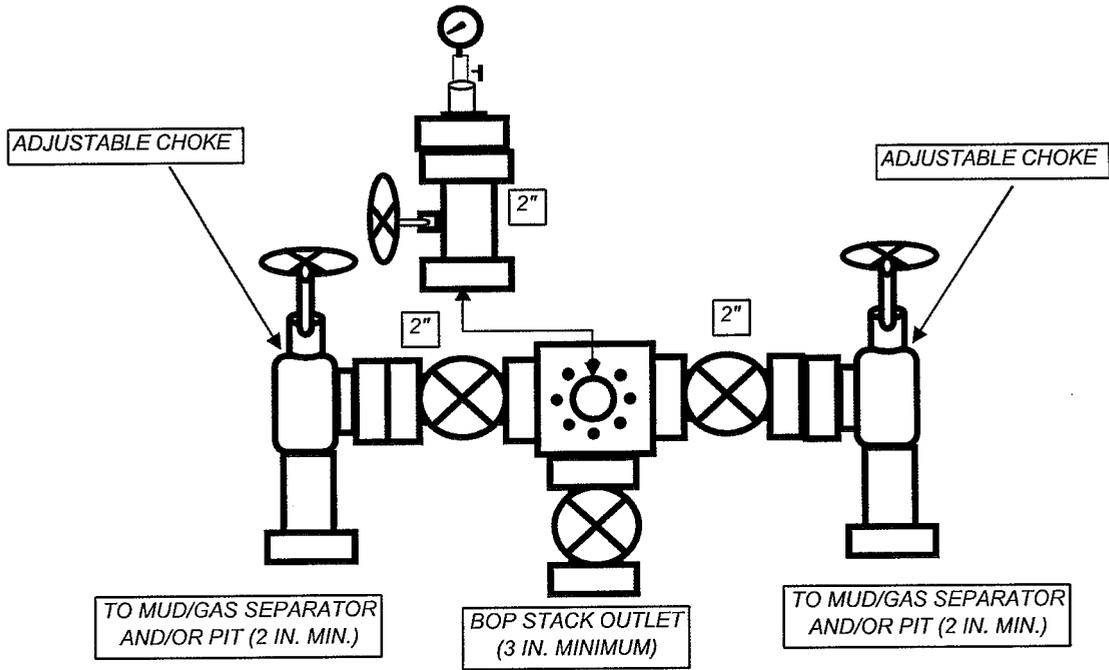
BILL BARRETT CORPORATION

TYPICAL 3,000 p.s.i. BLOWOUT PREVENTER



BILL BARRETT CORPORATION

TYPICAL 3,000 p.s.i. CHOKE MANIFOLD



**Surface Use Plan for
Bill Barrett Corporation's
Development Program
Lake Canyon Area
Duchesne County, Utah**

1. Existing Roads:

The Lake Canyon area is located approximately 12 miles southwest of Duchesne, Utah and extends from Township 3 South, Range 10 West to Township 5 South, Range 6 West. The specific location of a particular well pad will be shown on maps and described in the site specific APD.

The use of state and county roads under UDOT and Duchesne County Road Department maintenance is necessary to access the Project Area. Improvements to existing access roads will be noted in the site specific APD's.

2. Planned Access Roads:

Descriptions of the individual access road(s) will be included in the site specific APD and ROW application.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance with the Ute Indian Tribe.

3. Location of Existing Wells With-In A One-Mile Radius

Water wells – None.
Abandoned wells – None.
Temporarily abandoned wells – None.
Disposal wells – None.
Drilling wells – None
Producing wells – None.

4. Location of Tank Batteries, Production Facilities, and Production Gathering And Service Lines:

The following guidelines will apply if the well is productive:

All permanent (on site for six months or longer) structures constructed or installed will conform to DOGM standards. All facilities will be painted within six months of installation.

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

be constructed of compacted subsoil, be impervious, and hold a minimum of 110% of the capacity of the largest tank. Topsoil will not be used for the construction of dike(s).

A description of the proposed pipeline and a map illustrating the proposed route will be submitted with the well site specific APD.

5. Location and Type of Water Supply

The Duchesne City Culinary Water Dock located in section 1, T4S-R5W will be used for water supply for drilling and completion operations. Additional water supply sources will be addressed in the site specific APD, indicating the location and type of water supply.

6. Source of Construction Materials:

All construction materials for this location site and access road shall be borrowed (local) material accumulated during construction of the location site and access road. No construction materials will be removed from Ute Indian Tribe lands. If any gravel is used, it will be obtained from an approved gravel pit.

7. Methods of Handling Waste Materials:

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including any salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility within 180 days after drilling is terminated. Immediately upon well completion, any hydrocarbons in the pit shall be removed.

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

If it is determined, at the onsite, that a pit liner is necessary, the reserve pit will be lined with a synthetic reinforced liner a minimum of 12-millimeters thick. The liner will overlay a felt-liner pad if rock that might tear or puncture the liner is encountered during excavation. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. Trash, scrap pipe, etc. that could puncture the liner will not be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operations. The pit liner will be protected during drilling and completion operations.

No water well will be drill on this lease. Water for the drilling and completion will be trucked from the Duchesne City Culinary Water Dock located in Sec. 1, T4S, R5W. The trucked water will follow the access route described in the plat package of each APD. Production fluids will be contained in leak-proof tanks. All production fluids will be sold, recycled, or disposed of at approved disposal sites.

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

A chemical self-contained sanitary-toilet will be onsite during drilling and completions.

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

All debris and other waste materials not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The reserve pit fencing will be on three sides before drilling operations start. The fourth side will be fenced as soon as drilling is completed and the rig is removed. The fencing will be maintained until such time as the pits are backfilled.

8. Ancillary Facilities:

Garbage containers and portable toilets are the only ancillary facilities proposed. No additional ancillary facilities are foreseen in the future.

9. Wellsite Layout:

A Location Layout Diagram describing drill pad cross-sections, cuts and fills, and locations of mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and the surface materials stockpile(s) will be included with the site specific APD and developed through a consultant.

10. Plans for Restoration of the Surface:

The dirt contractor will be provided with an approved copy of the surface use plan and these Standard Operating Procedures prior to commencing construction activities.

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production. All reclamation standards will be developed between Bill Barrett Corporation (BBC) and Ute Indian Tribe. Abandoned well sites, roads, and other

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

All disturbed areas will be recontoured to the approximate natural contours.

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

Prior to backfilling the reserve pit, the fence surrounding the reserve pit will be removed. The pit liner will be cut off at the water or mud line and disposed of at an approved landfill site. The remaining liner will be torn and perforated after the pit dries and prior to backfilling the reserve pit.

Before any dirt work associated with reserve pit restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations. The reserve pit will be reclaimed within 180 days from the date of well completion, weather permitting, unless it is determined that this location will be utilized to drill additional wells within 1 year of completing operations.

After the reserve pit has been reclaimed, diversion ditches and water bars will be used to divert precipitation runoff/runoff as appropriate.

Prior to the construction of the location, the top 6 inches or maximum available topsoil material will be stripped and stockpiled. Placement of the topsoil will be noted on the location plat attached to the site specific APD. Topsoil shall be stockpiled separately from subsoil materials. Topsoil salvaged from the reserve pit shall be stockpiled separately near the reserve pit. When all drilling and completion activities have been completed, the unused portion of the location (area outside the deadmen) will be recontoured and the stockpiled topsoil spread over the area.

If topsoil must be stored for more than one year:

It shall be windrowed on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.

It shall be broadcast seeded with the prescribed seed mixture immediately after windrowing. Seed will be drilled on the contour to an appropriate depth and the stockpile then "walked" with a dozer to cover the seed and roughen the soil to prevent erosion.

Mulching may be considered to enhance the re-establishment of desired native plant communities. If straw or hay mulch is used, the straw and hay must be certified to be weed-free and the documentation submitted prior to usage.

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

Ute Indian Tribe shall be contacted for the required seed mixture. Seed will be drilled on the contour to an appropriate depth. If broadcast seeded, the amount of seed mixture per acre will be doubled, and a harrow or some other implement will be dragged over the seeded area to assure coverage of the seeds.

At final abandonment, BBC will follow UT-DOGM standards for final well abandonment.

11. Surface Ownership

The well location and proposed access road route is located on The Ute Indian Tribe surface estate.

I hereby certify that Bill Barrett Corporation has reached an agreement with The Ute Indian Tribe for the protection of surface resources and reclamation of disturbed areas and/or damages in lieu thereof.

7/3/2008
Date

Reed Haddock K
Reed Haddock – Permit Analyst
Bill Barrett Corporation

12. Other Information:

The operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the BBC field representative to ensure compliance.

The operator will control noxious weeds along applied access road authorizations, pipeline route authorizations, well sites or other applicable facilities

Wells drilled during the fire season (June – October) all appropriate precautions shall be instituted to ensure that fire hazard is minimized, including, but not limited to, controlling vegetation and keeping fire fighting equipment readily available during all drilling and completion operations.

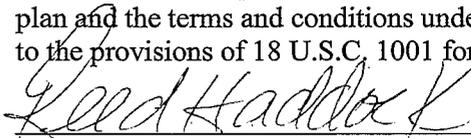
Drilling rigs and/or equipment used during drilling operations on locations will not be stacked or stored on Ute Indian Tribe administered lands after the conclusion of drilling operations or at any other time without permission by the Ute Indian Tribe. If Ute Indian Tribe permission is obtained, such storage will only be temporary measure.

Travel will be restricted to approved travel routes.

OPERATOR CERTIFICATION

This drilling permit will be valid for a period of two (2) years from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

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



DATE: July 3, 2008

Reed Haddock
Permit Analyst

BBC Representatives:

Reed Haddock
Bill Barrett Corporation
1099 18th Street, Suite 2300
Denver, CO 80202
Phone: 303-312-8546
Fax: 303-291-0420

Scot Donato, Environmental Health and Safety; phone: (303) 312-8191
Mike Angus, Area Superintendent; phone: (435) 724-8016

Ute Indian Tribe Representatives:

Larry Love, Ute Indian Tribe, Energy and Mineral Department; phone: (435) 725-4950; cell: (303) 476-1445
Bruce Pargeets, Ute Indian Tribe, Energy and Minerals Department; phone: (435) 725-4950; cell: (435) 828-7032

BILL BARRETT CORPORATION

#15-23-47 DLB

SECTION 23, T4S, R7W, U.S.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM DUCHESNE, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 8.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, THEN WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 7.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY, THEN SOUTHERLY, THEN EASTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 3.5 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #14-26-47 TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE #14-26-47 AND THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY DIRECTION APPROXIMATELY 1.2 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM DUCHESNE, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 20.4 MILES.

BILL BARRETT CORPORATION

#15-23-47 DLB

LOCATED IN DUCHESNE COUNTY, UTAH
SECTION 23, T4S, R7W, U.S.B.&M.



PHOTO: VIEW OF LOCATION STAKE

CAMERA ANGLE: EASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



- Since 1964 -

UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017

LOCATION PHOTOS

06 17 08
MONTH DAY YEAR

PHOTO

TAKEN BY: S.H.

DRAWN BY: J.J.

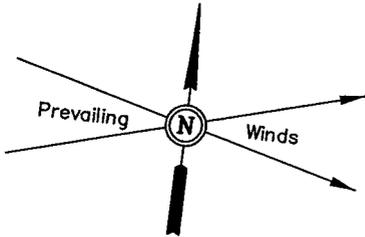
REVISED: 00-00-00

BILL BARRETT CORPORATION

FIGURE #1

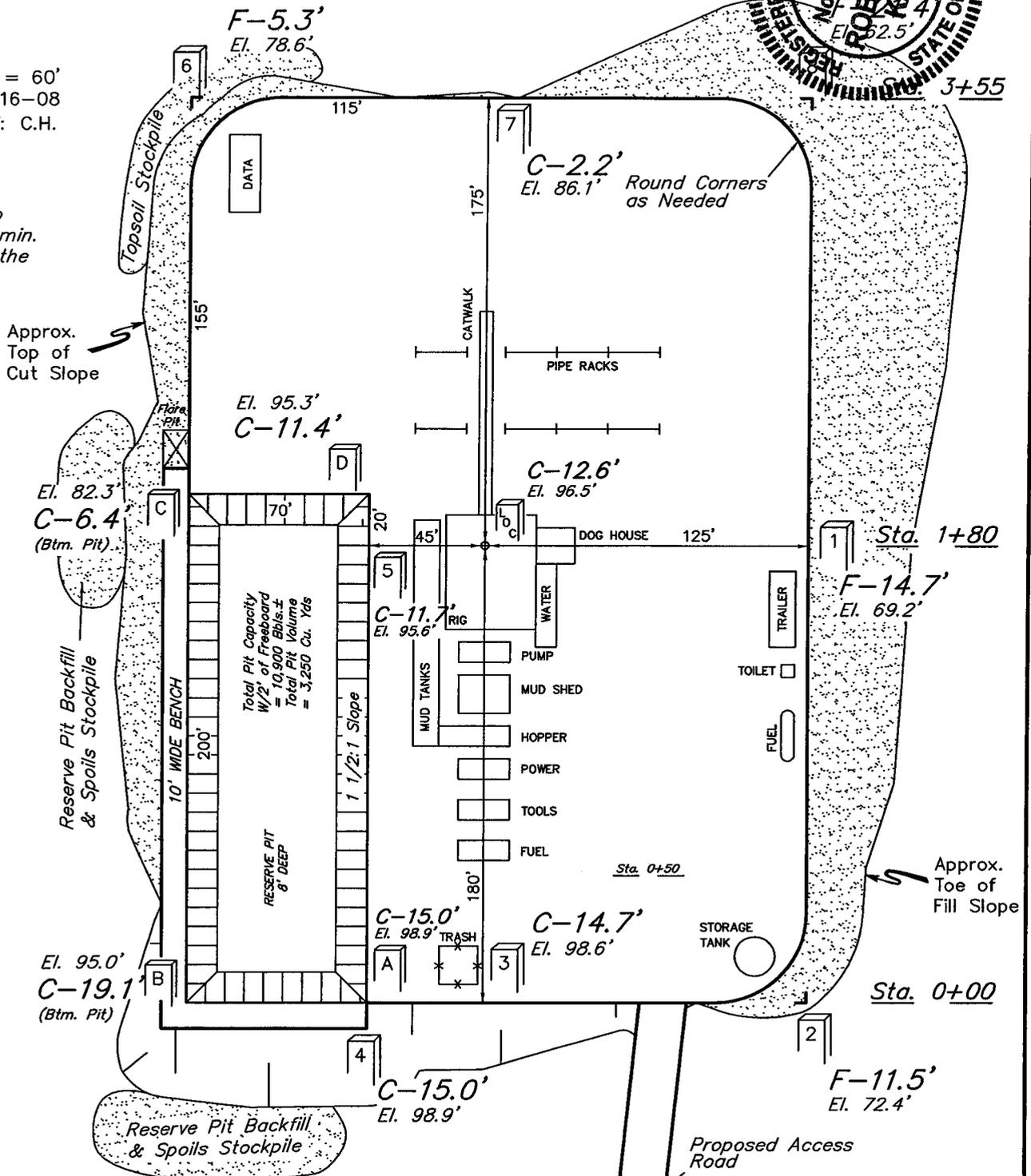
LOCATION LAYOUT FOR

#15-23-47 DLB
SECTION 23, T4S, R7W, U.S.B.&M.
1231' FSL 1755' FEL



SCALE: 1" = 60'
DATE: 06-16-08
DRAWN BY: C.H.

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



NOTES:

Elev. Ungraded Ground At Loc. Stake = 7296.5'
FINISHED GRADE ELEV. AT LOC. STAKE = 7283.9'

BILL BARRETT CORPORATION

FIGURE #2

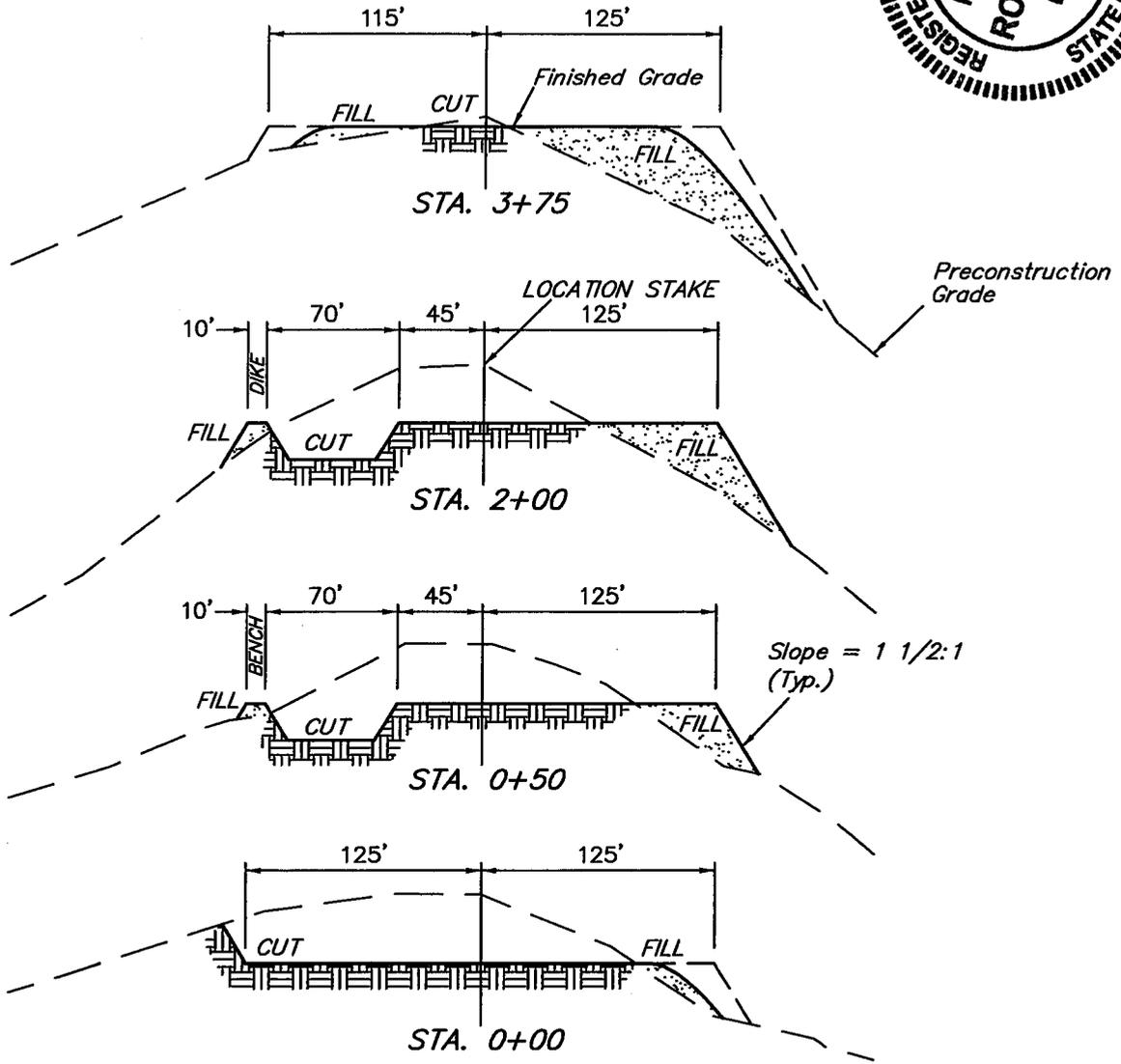
TYPICAL CROSS SECTIONS FOR

#15-23-47 DLB
SECTION 23, T4S, R7W, U.S.B.&M.
1231' FSL 1755' FEL

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



DATE: 06-16-08
DRAWN BY: C.H.



APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ±2.686 ACRES
ACCESS ROAD DISTURBANCE = ±4.274 ACRES
TOTAL = ±6.960 ACRES

* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

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

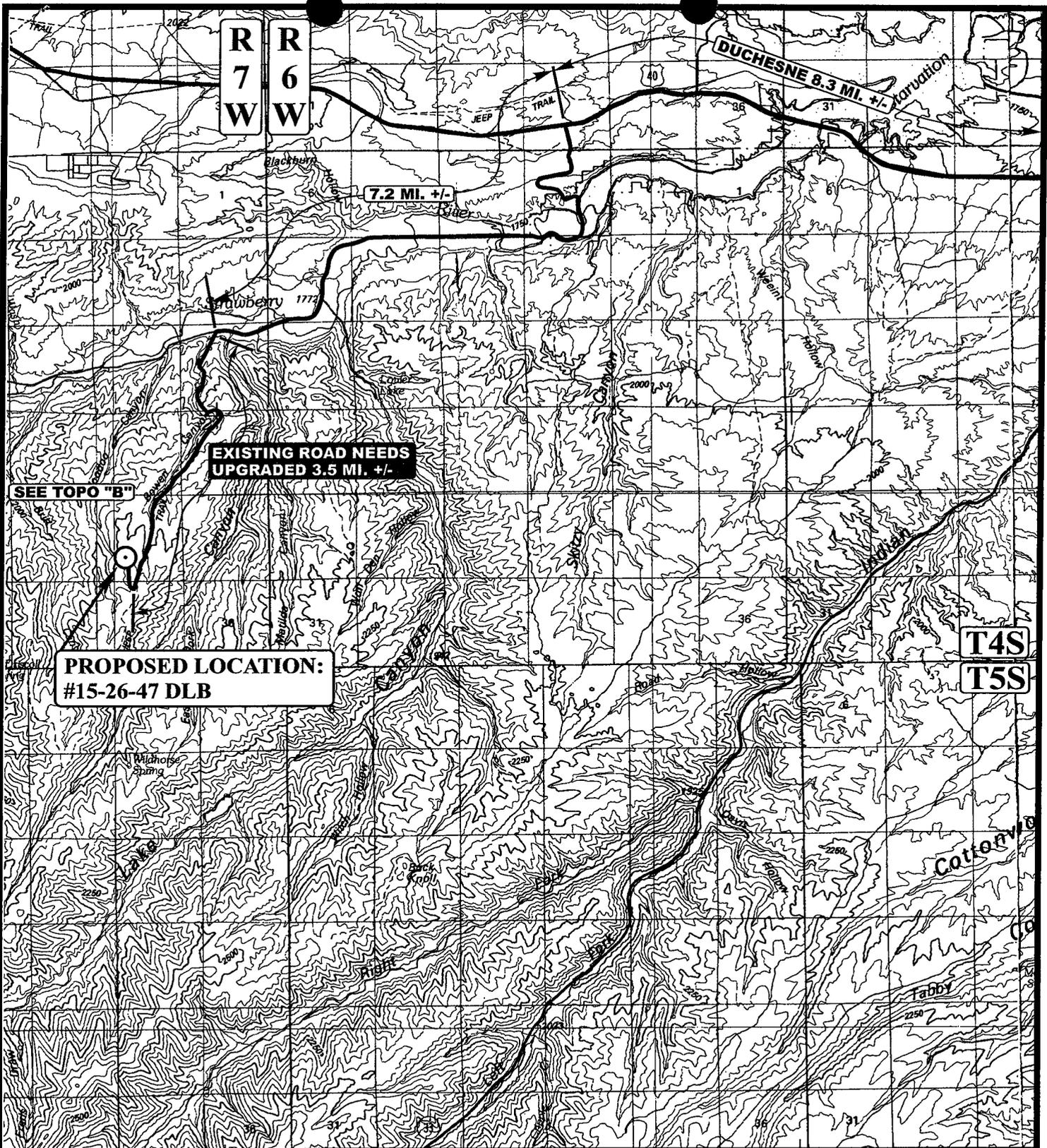
APPROXIMATE YARDAGES

CUT
(6") Topsoil Stripping = 4,690 Cu. Yds.
Remaining Location = 17,440 Cu. Yds.

TOTAL CUT = 22,130 CU.YDS.
FILL = 15,810 CU.YDS.

EXCESS MATERIAL = 6,320 Cu. Yds.
Topsoil & Pit Backfill = 6,320 Cu. Yds.
(1/2 Pit Vol.)
EXCESS UNBALANCE = 0 Cu. Yds.
(After Interim Rehabilitation)

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



LEGEND:

○ PROPOSED LOCATION



BILL BARRETT CORPORATION

#15-26-47 DLB
SECTION 26, T4S, R7W, U.S.B.&M.
605' FSL 2138' FWL



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

TOPOGRAPHIC
MAP

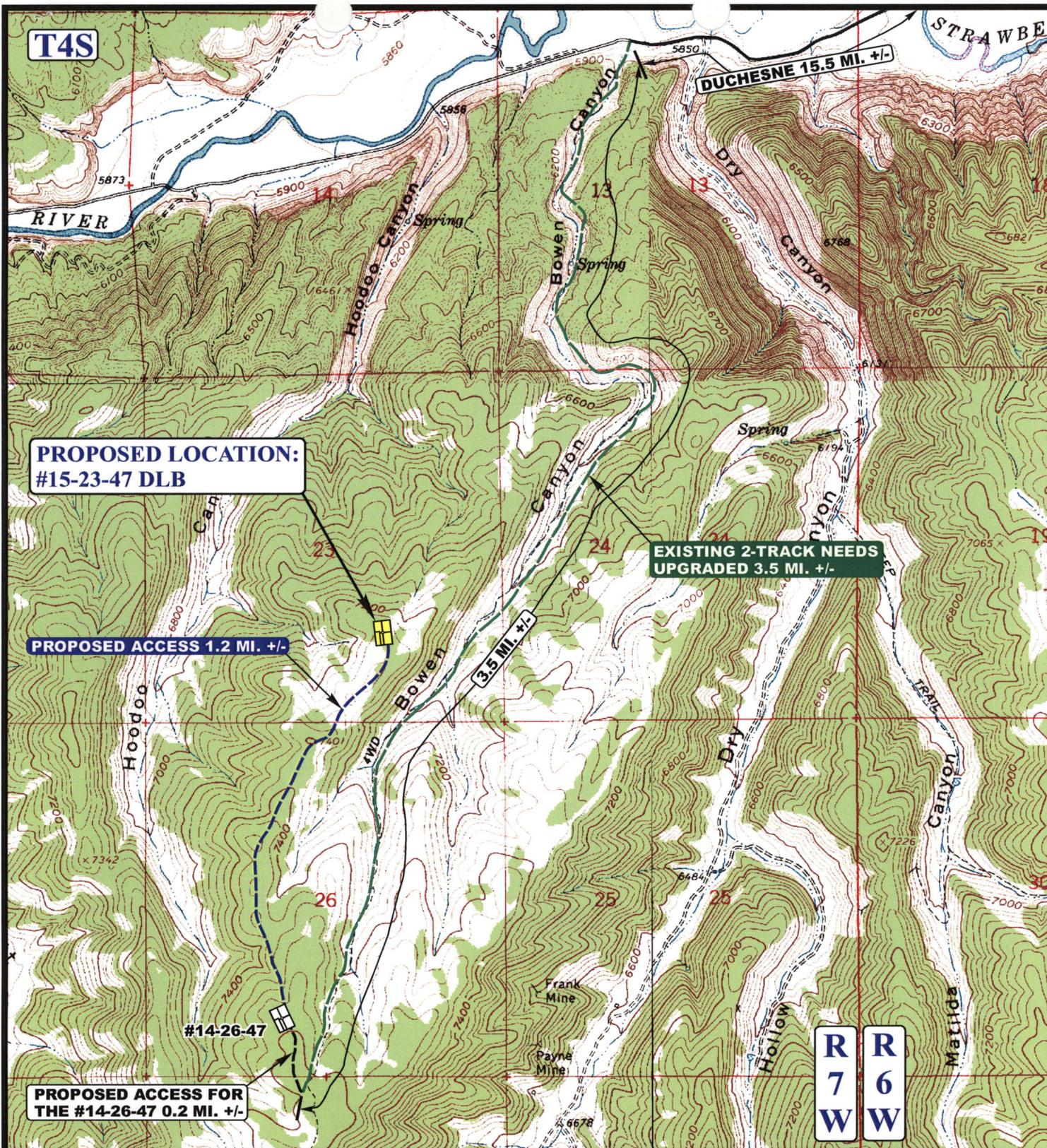
06 17 08
MONTH DAY YEAR

SCALE: 1:100,000

DRAWN BY: J.J.

REVISED: 00-00-00





LEGEND:

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

BILL BARRETT CORPORATION

#15-23-47 DLB
 SECTION 23, T4S, R7W, U.S.B.&M.
 1231' FSL 1755' FEL

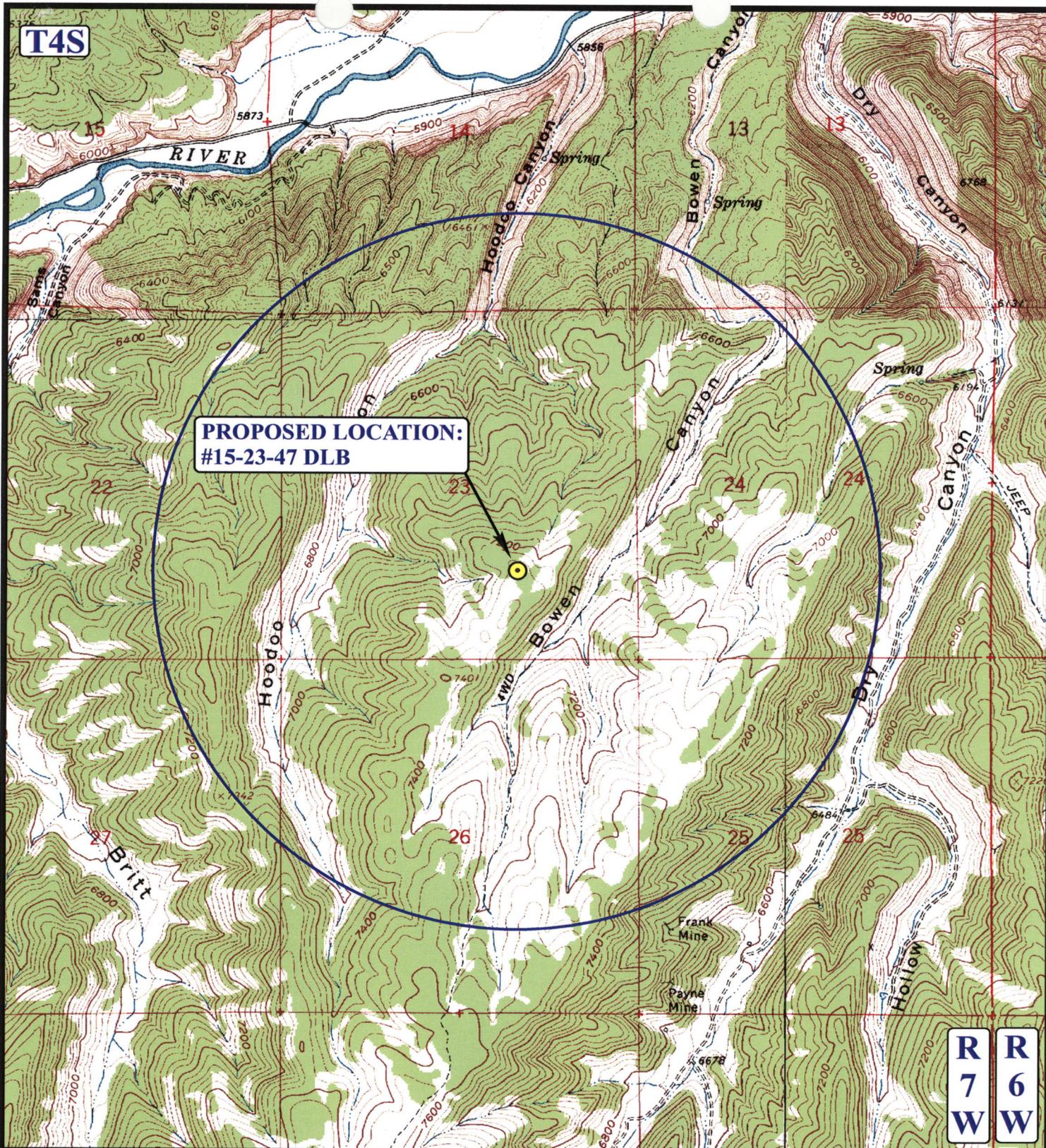


Utah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC MAP **06 17 08**
MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: J.J. REVISED: 00-00-00





**PROPOSED LOCATION:
#15-23-47 DLB**

LEGEND:

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



BILL BARRETT CORPORATION

**#15-23-47 DLB
SECTION 23, T4S, R7W, U.S.B.&M.
1231' FSL 1755' FEL**



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

TOPOGRAPHIC MAP
06 MONTH 17 DAY 08 YEAR
SCALE: 1" = 2000' DRAWN BY: J.J. REVISED: 00-00-00



**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 07/07/2008

API NO. ASSIGNED: 43-013-34022

WELL NAME: 15-23-47 DLB
 OPERATOR: BILL BARRETT CORP (N2165)
 CONTACT: REED HADDOCK

PHONE NUMBER: 303-312-8546

PROPOSED LOCATION:

SWSE 23 040S 070W
 SURFACE: 1231 FSL 1755 FEL
 BOTTOM: 1231 FSL 1755 FEL
 COUNTY: DUCHESNE
 LATITUDE: 40.11456 LONGITUDE: -110.6390
 UTM SURF EASTINGS: 530763 NORTHINGS: 4440325
 FIELD NAME: WILDCAT (1)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 2 - Indian
 LEASE NUMBER: 14-20-H62-5500
 SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: NHORN
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[2] Sta[] Fee[]
(No. WYB000040)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. MUNICIPAL)
- RDCC Review (Y/N)
(Date:)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- R649-2-3.
- Unit: _____
- R649-3-2. General
- Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: _____
- Eff Date: _____
- Siting: _____
- R649-3-11. Directional Drill

COMMENTS: _____

STIPULATIONS: _____

1- Federal Approval
2- Spacing Strip

T4S R7W

T4S R6W

ALTAMONT FIELD

22

23

24

UTE TRIBAL
1-19

19

15-23-47 DLB

5-25-47 DLB

CHIMNEY
HOLLOW FEE 1

UTE TRIBAL
1-30

30

27

26

7-26-47 DLB

25

14-26-47 DLB

34

35

36

31

T5S R7W

T5S R6W

OPERATOR: BILL BARRETT CORP (N2165)

SEC: 23,26 T.4S R. 7W

FIELD: WILDCAT (001)

COUNTY: DUCHESNE

SPACING: R649-3-3 / EXCEPTION LOCATION

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

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

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



PREPARED BY: DIANA MASON
DATE: 15-JULY-2008



July 10, 2008

Utah Division of Oil, Gas and Mining
P.O. Box 145801
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

Re: Cultural Resource Inventory for # 5-25-47 DLB; 15-23-47 DLB; 7-26-47 DLB; and
14-26-47 DLB

Tribal Surface/Tribal Minerals
Sections 23, 25, 26, T4S-R7W
Duchesne County, Utah

Diana Mason, Environmental Scientist I:

Enclosed please find a copy of Montgomery Archeological Consultants Class III
archeological survey for the above mentioned locations. No cultural resources were
located on these sites. The four (4) APD's were submitted under a separate cover dated
July 3, 2008.

Please contact me at (303) 312-8546 if you need anything additional or have any
questions.

Sincerely,

A handwritten signature in cursive script that reads 'Reed Haddock'.

Reed Haddock
Permit Analyst

Enclosures

1099 18TH STREET
SUITE 2300
DENVER, CO 80202
P 303.293.9100
F 303.291.0420

RECEIVED
JUL 14 2008
DIV. OF OIL, GAS & MINING

CULTURAL RESOURCE INVENTORY OF
BILL BARRETT CORPORATION'S PROPOSED
WELL LOCATIONS: 15-23-47 DLB, 5-25-47 DLB, 7-26-47 DLB,
AND 14-26-47 DLB, DUCHESNE COUNTY, UTAH

CULTURAL RESOURCE INVENTORY OF
BILL BARRETT CORPORATION'S PROPOSED
WELL LOCATIONS: 15-23-47 DLB, 5-25-47 DLB, 7-26-47 DLB,
AND 14-26-47 DLB, DUCHESNE COUNTY, UTAH

By:

Jacki A. Montgomery

Prepared For:

Ute Indian Tribe
Uintah and Ouray Agency

Prepared Under Contract With:

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

Prepared By:

Montgomery Archaeological Consultants, Inc.
P.O. Box 219
Moab, Utah 84532

MOAC Report No. 08-149

July 7, 2008

United States Department of Interior (FLPMA)
Permit No. 08-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-08-MQ-0562i

Ute Tribal Permit No. A08-363

INTRODUCTION

A cultural resource inventory was conducted by Montgomery Archaeological Consultants, Inc. (MOAC) in July 2008 for Bill Barrett Corporation's (BBC) proposed 15-23-47 DLB, 5-25-47 DLB, 7-26-47 DLB and 14-26-47 DLB well locations with associated access corridors. The project area is located in Bowen Canyon, southwest of the town of Duchesne, Duchesne County, Utah. The survey was implemented at the request of Mr. Reed Haddock, Bill Barrett Corporation, Denver, Colorado. The project is situated on Ute Tribal land (Uintah and Ouray Agency).

The objective of the inventory was to locate, document, and evaluate any cultural resources within the project area in order to comply with Section 106 of 36 CFR 800, the National Historic Preservation Act of 1966 (as amended). Also, the inventory was implemented to attain compliance with a number of federal and state mandates, including the National Environmental and Policy Act of 1969, the Archaeological and Historic Conservation Act of 1972, the Archaeological Resources Protection Act of 1979, the American Indian Religious Freedom Act of 1978, and the Utah State Antiquities Act of 1973 (amended 1990).

The fieldwork was performed on June 16, 2008 by Mark Lane (Field Supervisor). Prior to the survey, MOAC acquired permission from Bruce Pargeets (Ute Energy & Minerals Technician Supervisor) to proceed. The inventory was conducted under the auspices of U.S.D.I. (FLPMA) Permit No. 08-UT-60122, State of Utah Antiquities Permit (Survey) No. U-08-MQ-0562i, and Ute Tribal Permit No. A08-363 issued to Montgomery Archaeological Consultants, Moab, Utah.

A file search for previous archaeological projects and cultural resources was conducted by Marty Thomas at the Division of State History, Salt Lake City, on June 13, 2008. This consultation indicated that several cultural resource inventories have been conducted in the vicinity of the current project area. In 2005, MOAC completed an inventory of Bill Barrett Corporation's Lake Canyon 3D seismic program (Montgomery and Freudenberg 2005). The inventory resulted in the documentation of seven historic sites (42Dc2035-42Dc2041) consisting of homesteads, habitations, a temporary camp, and trash scatters; none of which occur within the current project area. In 2006, MOAC conducted a cultural resource inventory of Bill Barrett Corporation's seven proposed Lake Canyon well locations, which resulted in the documentation of no sites (Montgomery 2006). In 2006, URS Corporation performed an intensive cultural resource inventory of approximately 800 acres for Berry Petroleum Corporation in the Lake Canyon area (Tucker 2007). Several sites were documented including the historic Deerhorn No. 1 Gilsonite Mine (42Dc2260) that is situated outside of the current inventory area. In 2007, MOAC inventoried BBC's five proposed well locations in Township 4S, Range 6W Sections 20 and 21 resulting in no cultural resources (Jendresen 2007). In 2007, An Independent Archaeologist (AIA) surveyed Lake Canyon Tribal M-19D-46 well location in Township 4S, Range 6W, Sections 19 and 30; no cultural resources were located (Truesdale 2007).

DESCRIPTION OF PROJECT AREA

The project area lies south of the Strawberry River in Bowen Canyon, Duchesne County, Utah. The legal description is Township 4 South, Range 6 West, Sections 13, 23, 24, 26, and 35 (Table 1, Figure 1).

Table 1. BBC's Four Proposed Well Locations

Well Designation	Legal Location	Access/Pipeline	Cultural Resources
15-23-47 DLB	T4S, R7W, S. 23 NW/SE	Access: 892 ft	None
5-25-47 DLB	T4S, R7W, S. 25 SW/NW	Access: 3864 ft	None
7-26-47 DLB	T4S, R7W, S. 26 NW/SE	Access: 3752 ft	None
14-26-47 DLB	T4S, R7W, S. 26 SE/SW	Access: 6487 ft	None
Bowen Canyon Access Route	T4S, R7W, S. 13, 23, 24, 26, 35	Access: 3.6 miles	42Dc2461

Environmental Setting

The project area lies within the Uinta Basin physiographic unit, a distinctly bowl-shaped geologic structure (Stokes 1986:231). The Uinta Basin ecosystem is within the Green River drainage, and is the northernmost extension of the Colorado Plateau. Geologically, the area consists of the Tertiary age Uinta formation, which is basically "gravel, sand, and silt washed south off the Uinta Mountains" (Chronic 1990:45). The area is characterized by steep-sided narrow ridges and benches dissected by intermittent drainages. Outcrops of the Uinta formation are characterized by a dense dendritic drainage pattern and topographic relief. This Eocene-age formation occurs as fluvial deposited interbedded sandstone and mudstone and is well-known for its fossil vertebrates.

Specifically, the project area lies along Bowen Canyon south of the Strawberry River. The elevation ranges from 5900 to 7600 ft asl. The project area is in the Upper Sonoran lifezone and vegetation includes pinyon-juniper, sagebrush, rabbitbrush, shadscale, Indian ricegrass, prickly pear, Indian paintbrush, and barrel cactus. Modern impacts include ranching activities, roads, recreational activities, and oil and gas development. Additionally, the area was mined for gilsonite and asphalt beginning at the turn of the twentieth century.

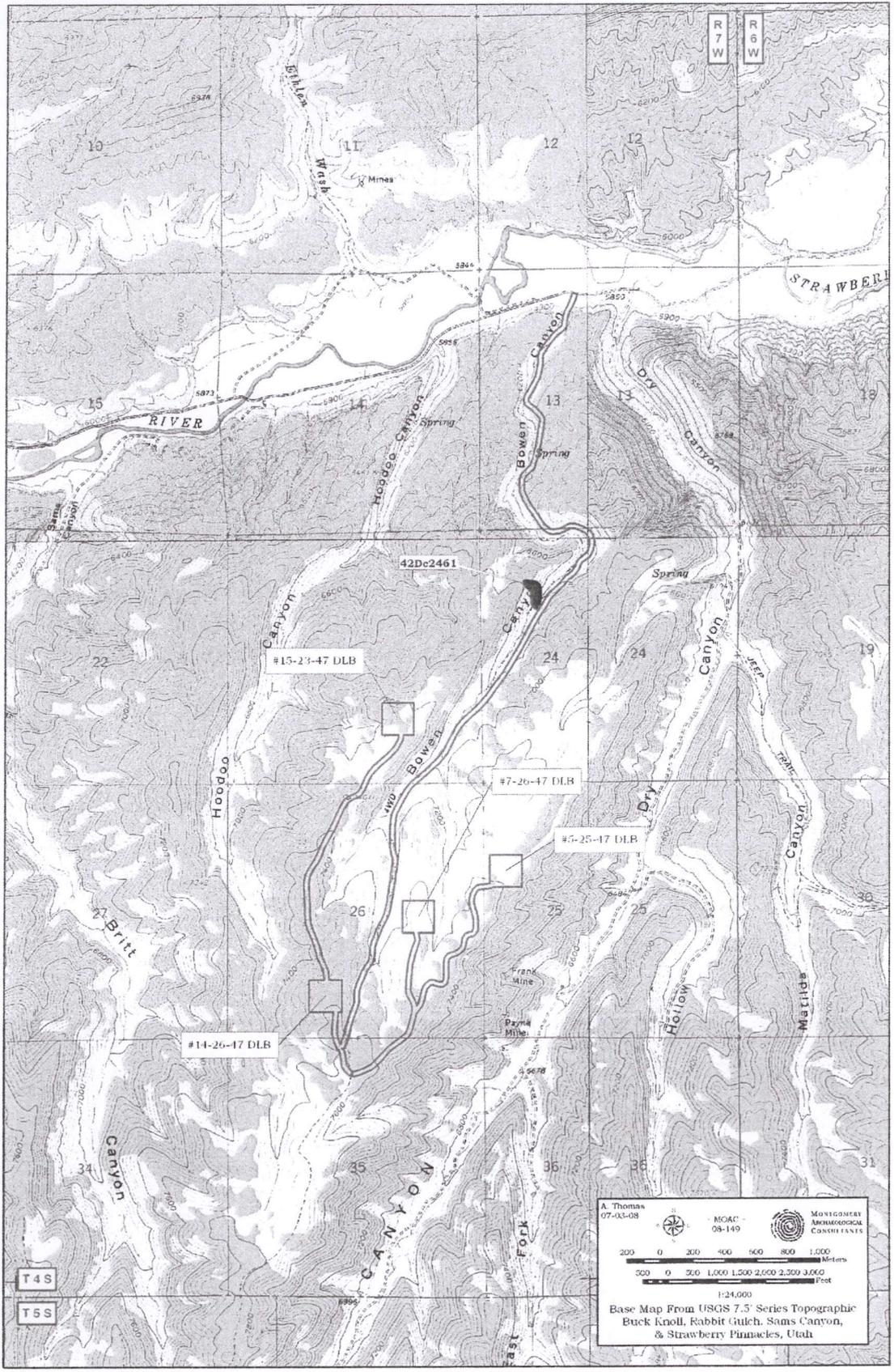


Figure 1. BBC's Proposed 15-23-47 DLB, 5-25-47 DLB, 7-26-47 DLB and 14-26-47 DLB Well Locations Duchesne County, Utah.

SURVEY METHODOLOGY

An intensive pedestrian survey was performed for this project which is considered 100% coverage. At the proposed well locations a 10 acre parcel was identified, centered on the well pad center stake. The locations were then surveyed by the archaeologist walking parallel transects spaced no more than 10 m (33 ft) apart. The proposed access corridors were surveyed to a width of 30 m (100 ft) employing the same methods. Ground visibility was considered fair. A total of 115.4 acres was surveyed for cultural resources on Ute Tribal lands (Uintah and Ouray Agency).

INVENTORY RESULTS

The inventory of Bill Barrett Corporation's proposed four well locations with access routes resulted in the documentation of a historic site (42Dc2461).

Smithsonian Site No.: 42Dc2461
Temporary Site No.: 08-149 ML-01
NRHP Eligibility: Eligible, Criterion A

Description: This is an abandoned gilsonite mine situated in Bowen Canyon along the west side of the road. The mine shaft (Feature C) is a collapsed gilsonite mine and associated tailings pile measuring 60 ft L x 10 ft W x 4 ft D. Remnants of axe cut and notched logs used in cribbing and shoring are protruding from the shaft as well as scattered on the ground. Three dilapidated features occur at the site, all of unknown function. Feature A is a rectangular axe cut log structure (19 ft L x 7 ft W) consisting of a single course of logs secured with round metal spikes. Feature B is an axe cut log platform (5 ft x 5 ft) consisting of 10 decayed logs, most of which are displaced. Feature D is an axe cut log structure (8 ft L x 6 ft W) defined by a single intact course of logs around an interior depression. Cultural materials include a metal and wood wagon part, approximately 50 milled wood fragments, four metal can lids, a square can lid embossed "FOLGERS TEAS", several wire nails, and a ceramic sherd (tea cup?). Glass artifacts consist of one aqua canning jar, one aqua liquor bottle, and one amethyst bottle base. Tin cans on the site consist of 15 sanitary food cans (two embossed SANITARY), 15 hole in top milk cans, three hole in cap food cans, and two pocket tobacco cans. The oldest date is derived from hole in cap cans (1885–1903) and cans embossed "SANITARY" (1904–1908). The recent date is represented by hole in top milk cans which date 1915–1930. This mine may be associated with the Raven Mining Company which acquired numerous gilsonite mining claims beginning in 1902 from the federal government on the Uintah Indian Reservation. This resulted in the shipment of over 20 million pounds of gilsonite from the area.

NATIONAL REGISTER OF HISTORIC PLACES EVALUATION

The National Register Criteria for Evaluation of Significance and procedures for nominating cultural resources to the National Register of Historic Places (NRHP) are outlined in 36 CFR 60.4 as follows:

The quality of significance in American history, architecture, archaeology, and culture is present in districts, sites, buildings, structures, and objects of State and local importance that possess integrity of location, design, setting, material, workmanship, feeling, and association, and that they:

- a)...are associated with events that have made a significant contribution to the broad patterns of our history; or
- b)...are associated with the lives of persons significant to our past; or
- c)...embody the distinctive characteristics of a type, period, or method of construction; or that represents the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or
- d)...have yielded or may be likely to yield information important in prehistory or history.

The inventory resulted in the documentation of a historic site (42Dc2461). This is an abandoned gilsonite mine and camp dating to the early 1900s. The structural features and mine shaft exhibit very minimal integrity and the artifacts are limited in diversity. The only intrusive feature is the collapsed mine shaft that lacks evidence of cultural materials apart from shoring timbers. The site does not represent persons significant to the history of the area (Criterion B), nor does it embody the distinctive characteristics of a type, period, or method of construction (Criterion C). Site 42Dc2461 is recommended eligible to the NRHP under Criterion A because the mine is associated with opening the Uintah Indian Reservation to mining, an important local event.

MANAGEMENT RECOMMENDATIONS

The inventory of Bill Barrett Corporation's proposed 15-23-47 DLB, 5-25-47 DLB, 7-26-47 DLB and 14-26-47 DLB well locations with access routes resulted in the documentation of a gilsonite mine (42Dc2461). This site is evaluated eligible to the NRHP under Criterion A (important to the history of the area). The improvement of the road beside this site will not alter the characteristics that qualifies site 42Dc2461 eligible to the NRHP. Therefore, based on this finding, a determination of "no adverse effect" is recommended for the undertaking pursuant to Section 106, CFR 800.

REFERENCES CITED

- Chronic, H.
1990 *Roadside Geology of Utah*. Mountain Press, Missoula, Montana.
- Jendresen, A.
2007 Cultural Resource Inventory of Bill Barrett Corporation's Five Proposed DLB Well Locations (T4S, R6W, Sections 20, 21, and 28), Duchesne County, Utah. Montgomery Archaeological Consultants, Moab, Utah. Report No. U-07-MQ-0384.
- Montgomery, J.A.
2006 Cultural Resource Inventory of Bill Barrett Corporation's Proposed Seven Lake Canyon Well Locations in Duchesne County, Utah. Montgomery Archaeological Consultants, Moab, Utah. Report No. U-06-MQ-1655.
- Montgomery, J.A., and K. Freudenberg
2005 Cultural Resource Inventory of Bill Barrett Corporation's Lake Canyon 3D Seismic Program, Duchesne County, Utah. Montgomery Archaeological Consultants, Moab, Utah. Report No. U-05-MQ-0365.
- Stokes, W.L.
1986 *Geology of Utah*. Utah Museum of Natural History and Utah Geological and Mineral Survey. Salt Lake City.
- Truesdale, J.A.
2007 Cultural Resource Inventory of Berry Petroleum's Lake Canyon Tribal #M-19D-46 Well Location, Duchesne County, Utah. An Independent Archaeologist, Laramie, Wyoming. Report No. U-07-AY-951.
- Tucker, G.C.
2007 Lake Canyon Project, Duchesne County, Utah: Results of an Intensive Cultural Resource Inventory. URS Corporation, Denver. Report No. U-06-UI-1538.



July 15, 2008

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: **Exception Location - #15-23-47 DLB – Lake Canyon Area**
Surface Location: 1755' FEL, 1,231' FSL, SWSE, Section 23-T4S-R7W
Duchesne County, Utah

Dear Ms. Mason,

Bill Barrett Corporation ("BBC") hereby submits an exception location letter in accordance with Oil & Gas Conservation Rules R649-3-3, requesting an exception well location, supported by the following information:

- The location is within our Lake Canyon Area.
- The exception location is due to topography requirements and to minimize surface disturbance.
- BBC certifies that it is the working interest owner along with Berry Petroleum Company, and together we own 100% of the working interest within 460 feet of the proposed well location.
- Our rights are owned under an Exploration and Development Agreement with the Ute Indian Tribe and Ute Distribution Corporation which provides for the drilling of exploratory wells. This agreement provides that we consult with these owners regarding the drilling of this well.

Based on the information provided, BBC requests the Division grant this exception to the locating and siting requirements of R649-3-2. Should you have any questions or need further information, please contact me at 303-312-8129.

Sincerely,

Doug Gundry-White
Senior Landman

1099 18TH STREET
SUITE 2300
DENVER, CO 80202
P 303.293.9100
F 303.291.0420

From: Brad Hill
To: Mason, Diana
Date: 7/16/2008 8:59 AM
Subject: Fwd: RE: Exception locations

I'd say go with it. Put a Copy of this in the file.

>>> Diana Mason 7/16/2008 8:49 AM >>>
What do you think?

>>> Reed Haddock <rhaddock@billbarrettcorp.com> 7/16/2008 8:48 AM >>>
Diana: After talking to our landman he said that item # 4 states "our rights are owned under an and Exploration and Development Agreement with the Ute Indian Tribe ect...." This agreement involves Berry Petroleum and BBC. Do you still need further clarification? Reed

-----Original Message-----

From: Diana Mason [<mailto:dianawhitney@utah.gov>]
Sent: Wednesday, July 16, 2008 8:18 AM
To: Reed Haddock
Subject: RE: Exception locations

Reed,

In this letter it does not say BBC has Berry Petroleum's consent.

Diana

>>> Reed Haddock <rhaddock@billbarrettcorp.com> 7/16/2008 7:23 AM >>>
Diana: Attached find an exception letter for the # 15-23-47 DLB and the # 7-26-47 DLB. The exception location letter for the 5-25-47 DLB will take a bit more time, since there is a mining claim located within 460' of the proposed location, and BBC needs to locate the owner and lease the interest before we can confirm to DOGM that we own the leasehold within a 460' radius of the location.

Thanks Reed

-----Original Message-----

From: Diana Mason [<mailto:dianawhitney@utah.gov>]
Sent: Tuesday, July 15, 2008 11:23 AM
To: Reed Haddock
Subject: Exception locations

Hi Reed,

I need an exception location letter for the 15-23-47 DLB, 7-26-47 DLB and 5-25-47 DLB,

Thanks,
Diana



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

July 16, 2008

Bill Barrett Corporation
1099 18th St., Ste. 2300
Denver, CO 80202

Re: 15-23-47 DLB Well, 1231' FSL, 1755' FEL, SW SE, Sec. 23, T. 4 South, R. 7 West,
Duchesne County, Utah

Gentlemen:

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

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-34022.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

Operator: Bill Barrett Corporation

Well Name & Number 15-23-47 DLB

API Number: 43-013-34022

Lease: 14-20-H62-5500

Location: SW SE Sec. 23 T. 4 South R. 7 West

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

3. Reporting Requirements

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

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

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

CONFIDENTIAL

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: BIA 14-20-H62-5500
2. NAME OF OPERATOR: BILL BARRETT CORPORATION		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE INDIAN TRIBE
3. ADDRESS OF OPERATOR: 1099 18TH Street, Ste 2300 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: N/A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1231' FSL, 1755' FEL COUNTY: DUCHESNE QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 23 T4S R7W STATE: UTAH		8. WELL NAME and NUMBER: #15-23-47 DLB
		9. API NUMBER: 4301334022
		10. FIELD AND POOL, OR WILDCAT: ALTAMONT

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

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
BILL BARRETT CORPORATION (BBC) REQUESTS AN ADDITIONAL ONE-YEAR EXTENSION ON THE APD FOR THIS LOCATION. THE ORIGINAL APD WAS APPROVED ON July 16, 2008.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 07-20-09
By: [Signature]

COPY SENT TO OPERATOR
Date: 7-20-2009
Initials: KS

NAME (PLEASE PRINT) <u>Matt Barber</u>	TITLE <u>Permit Analyst</u>
SIGNATURE <u>[Signature]</u>	DATE <u>7/14/2009</u>

(This space for State use only)

RECEIVED
JUL 16 2009
DIV. OF OIL, GAS & MINING

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 4301334022
Well Name: # 15-23-47 DLB
Location: SWSE, Sec. 23, T4S-R7W
Company Permit Issued to: Bill Barrett Corporation
Date Original Permit Issued: 7/16/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes No

Has the approved source of water for drilling changed? Yes No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No

Is bonding still in place, which covers this proposed well? Yes No

Matt Baker
Signature

7/14/2009
Date

Title: Permit Analyst

Representing: Bill Barrett Corporation

RECEIVED
JUL 16 2009
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. 20G0005500
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name UTE INDIAN TRIBE
2. Name of Operator BILL BARRETT CORPORATION		7. If Unit or CA Agreement, Name and No. N/A
3a. Address 1099 18th Street, Suite 2300 Denver CO 80202		8. Lease Name and Well No. # 15-23-47 DLB
3b. Phone No. (include area code) (303) 312-8168		9. API Well No. Pending 43-013-34022
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SWSE, 1231' FSL, 1755' FEL At proposed prod. zone SWSE, 1231' FSL, 1755' FEL		10. Field and Pool, or Exploratory Altamont
14. Distance in miles and direction from nearest town or post office* Approximately 20.4 miles southwest of Duchesne, Utah		11. Sec., T. R. M. or Blk. and Survey or Area Section 23-T4S-R7W U.S.B.&M.
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1231'	16. No. of acres in lease N/A	12. County or Parish Duchesne
17. Spacing Unit dedicated to this well 40	13. State UT	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 3,900' Applied for loc.	19. Proposed Depth 8459'	20. BLM/BIA Bond No. on file Nationwide Bond #WYB000040
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 7296' ungraded ground	22. Approximate date work will start* 09/15/2008	23. Estimated duration 45 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature <i>Matt Baber</i>	Name (Printed/Typed) Matt Baber	Date 03/05/2010
------------------------------------	---	---------------------------

Title **Permit Analyst**

Approved by (Signature) <i>James H. Sparger</i>	Name (Printed/Typed) James H. Sparger	Date MAR 14 2010
--	---	----------------------------

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

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

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

*(Instructions on page 2)

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CONDITIONS OF APPROVAL ATTACHED

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NOTICE OF APPROVAL



**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE**

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Bill Barrett Corporation
Well No: #15-23-47 DLB
API No: 43-013-34022

Location: SWSE, Sec. 23, T4S R7W
Lease No: 2OG0005500
Agreement: N/A

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

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

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

NOTIFICATION REQUIREMENTS

Construction Activity (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	-	The Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist shall be notified at least 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	-	Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion. Notify the BLM Environmental Scientist prior to moving on the drilling rig.
Spud Notice (Notify BLM Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify BLM Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to: ut_vn_opreport@blm.gov .
BOP & Related Equipment Tests (Notify BLM Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify BLM Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

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**SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

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SITE SPECIFIC CONDITIONS OF APPROVAL

- A 6,154' by 30' corridor access road right-of-way shall be approved.
- Qualified surveyors/engineers shall be accompanied by a Tribal Technician, and will monitor all construction of the proposed action.
- The Ute Tribe Energy & Minerals Department is to be notified 48 hours prior to construction of the proposed action.
- Notices are to be given to the Ute Tribe Energy and Minerals Department during their normal workdays, which are Monday through Friday, 8:00 AM to 4:30 PM. The company understands that they may be held responsible for costs incurred by improper notification.
- The Company shall inform contractors to maintain construction of projects within the approved Rights-Of-Way.
- The Company shall assure the Ute Tribe that "ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, LEASING CONTRACTORS, AND ETC." have acquired a current and valid Ute Tribal Business License and have "Access Permits" prior to construction, and will have these permits in all vehicles at all times.
- You are hereby notified that working under the "umbrella" of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.
- Any deviation of submitted APD's and ROW applications the Companies will notify the Ute Tribe and BIA in writing and will receive written authorization of any such change with appropriate authorization of any such change.
- The Company will implement "Safety and Emergency Plan." The Company's safety director will ensure its compliance.
- The company will ensure that there is approved APD and ROW and/or an Authority to Construct letter for proof of construction authorization.
- All vehicular traffic, personnel movement, construction/restoration operations should be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- All personnel should refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.
- If artifacts, fossils, or any culturally sensitive materials are exposed or identified during construction, all construction must cease and immediate notification to the Energy and Minerals

Department and the Cultural Rights Protection Officer.

- All mitigative stipulations contained in the Bureau of Indian Affairs Site Specific Environmental Assessment (EA) will be strictly adhered.
- Upon completion of the right-of-way the company will notify the Ute Tribe Energy and Minerals Department and BIA so that an Affidavit of Completion may be implemented.

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**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- Production casing cement shall be brought up and into the surface casing. The minimum cement top is 200 ft above the surface casing shoe. Production casing minimum cement top is 0650 ft.
- A cement Bond Log (CBL) shall be run from the production casing shoe to the top of cement. A field copy of the CBL shall be submitted to the BLM Vernal Field Office.
- Logging: A Gamma Ray well Log shall be run from the well Total Depth to the surface. A copy of the Gamma Ray well Log shall be submitted to the BLM Vernal Field Office.
- All blow back fluids from completion operations shall be contained in such a manner that no oil reaches the reserve pit.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.

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- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

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OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location ($\frac{1}{4}$ $\frac{1}{4}$, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

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Page 7 of 7
Well: #15-23-47 DLB
3/5/2010

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data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5500
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: 15-23-47 DLB
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013340220000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8128 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1231 FSL 1755 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 23 Township: 04.0S Range: 07.0W Meridian: U	9. FIELD and POOL or WILDCAT: WILDCAT COUNTY: DUCHESNE STATE: UTAH

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

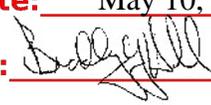
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/6/2010	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
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	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

BILL BARRETT CORPORATION (BBC) REQUESTS AN ADDITIONAL ONE-YEAR EXTENSION ON THE APD FOR THIS LOCATION. THE ORIGINAL APD WAS APPROVED ON 07/16/2008, THE PREVIOUS PERMIT EXTENSION EXPIRES ON 07/16/2010.

Approved by the Utah Division of Oil, Gas and Mining

Date: May 10, 2010

By: 

NAME (PLEASE PRINT) Matt Barber	PHONE NUMBER 303 312-8168	TITLE Permit Analyst
SIGNATURE N/A	DATE 5/6/2010	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013340220000

API: 43013340220000

Well Name: 15-23-47 DLB

Location: 1231 FSL 1755 FEL QTR SWSE SEC 23 TWP 040S RNG 070W MER U

Company Permit Issued to: BILL BARRETT CORP

Date Original Permit Issued: 7/16/2008

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

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

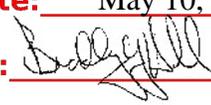
**Approved by the
Utah Division of
Oil, Gas and Mining**

Signature: Matt Barber

Date: 5/6/2010

Title: Permit Analyst **Representing:** BILL BARRETT CORP

Date: May 10, 2010

By: 

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		Approved by the Utah Division of Oil, Gas and Mining Date: <u>07/11/2011</u> By:																														
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst																														
SIGNATURE N/A	DATE 7/6/2011																															



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 43013340220000

API: 43013340220000

Well Name: 15-23-47 DLB

Location: 1231 FSL 1755 FEL QTR SWSE SEC 23 TWP 040S RNG 070W MER U

Company Permit Issued to: BILL BARRETT CORP

Date Original Permit Issued: 7/16/2008

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

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No

- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No

- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No

- Has the approved source of water for drilling changed? Yes No

- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No

- Is bonding still in place, which covers this proposed well? Yes No

Signature: Brady Riley

Date: 7/6/2011

Title: Permit Analyst **Representing:** BILL BARRETT CORP

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5500
---	---

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE 7. UNIT or CA AGREEMENT NAME:
--	---

1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: LC TRIBAL 14-23D-47
------------------------------------	--

2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013340220000
--	---

3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
---	--	---

4. LOCATION OF WELL FOOTAGES AT SURFACE: 1231 FSL 1755 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 23 Township: 04.0S Range: 07.0W Meridian: U	COUNTY: DUCHESNE STATE: UTAH
---	---

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 3/1/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input checked="" 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 checked="" type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

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

BBC hereby requests to change this location to a directional well. Because of the directional change, this will also require a name change. The surface location will remain the same as previously approved. No additional disturbance is being requested beyond what the current ROW allows (Tribal ROW H62-2010-062). Old Name: 15-23-47 DLB New Name: LC Tribal 14-23D-47 Surface Location: SW SE, 1231' FSL and 1755' FEL, Sec. 23, T4S-R7W Old Bottom hole: SW SE, 1231' FSL and 1755' FEL, Sec. 23, T4S-R7W New bottom hole: SE SW, 1228' FSL and 2439' FWL, Sec. 23, T4S-R7W Top of Producing Interval: SE SW, 1228' FSL and 2431' FWL, Sec. 23, T4S-R7W Attached please find the revised plat package, drilling plan and directional plan.

Approved by the
 Utah Division of
 Oil, Gas and Mining
 January 23, 2012

Date: _____

By: _____

NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst
SIGNATURE N/A	DATE 1/13/2012	

BILL BARRETT CORPORATION
LC TRIBAL #14-23D-47 & #16-23D-47
LOCATED IN DUCHESNE COUNTY, UTAH
SECTION 23, T4S, R7W, U.S.B.&M.



PHOTO: VIEW FROM PIT D TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017

LOCATION PHOTOS

06 17 08
MONTH DAY YEAR

PHOTO

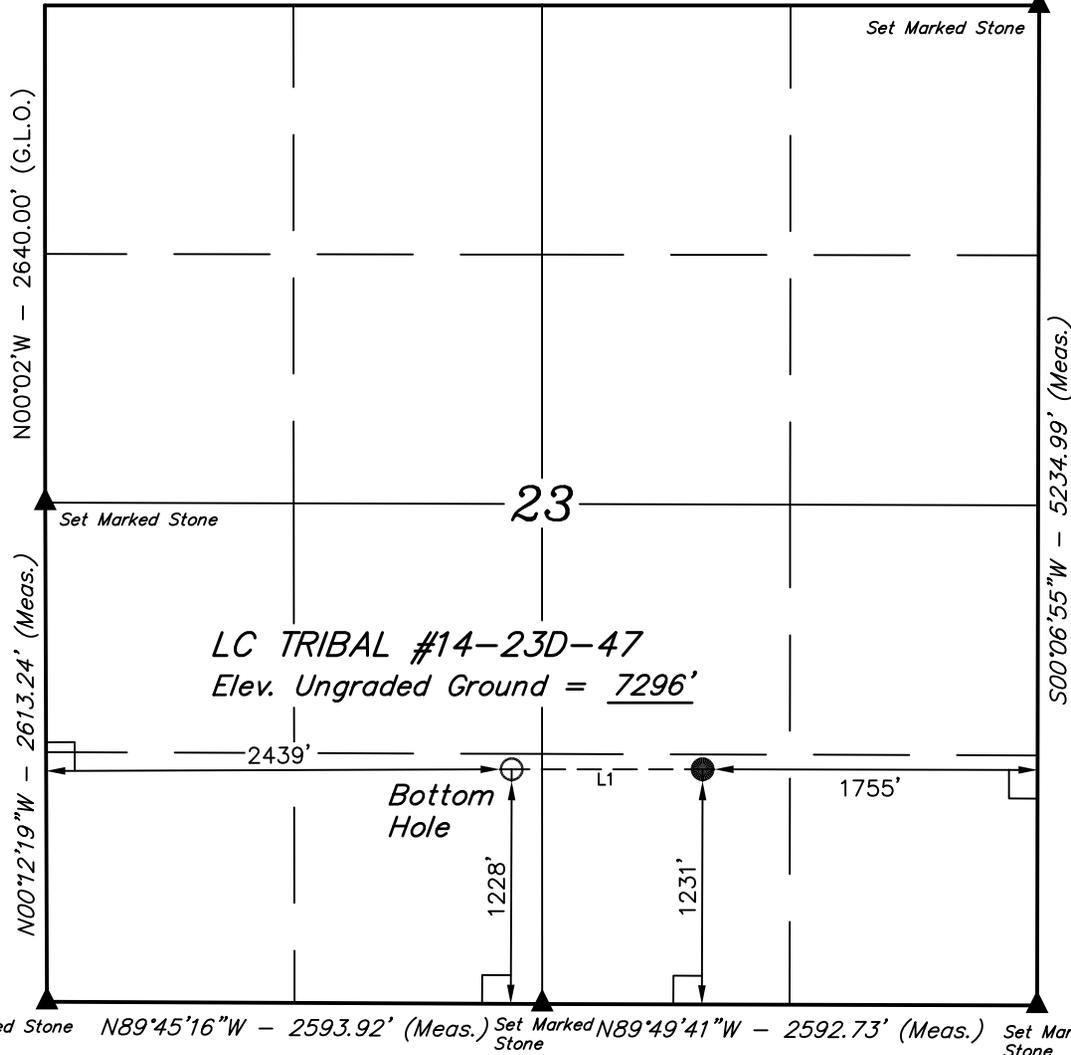
TAKEN BY: S.H.

DRAWN BY: J.J.

REV: 10-21-11 J.L.H.

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

WEST - 5269.44' (G.L.O.)



BILL BARRETT CORPORATION

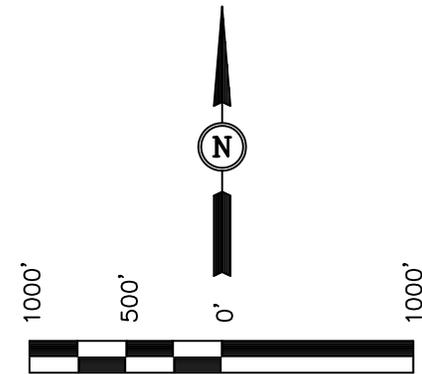
Well location, LC TRIBAL #14-23D-47, located as shown in the SW 1/4 SE 1/4 of Section 23, T4S, R7W, U.S.B.&M., Duchesne County, Utah.

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

NO. 161319
ROBERT L. KAY
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REV: 11-04-11
REV: 10-12-11

LINE TABLE		
LINE	BEARING	LENGTH
L1	WEST	1000.00'

LEGEND:

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

NAD 83 (TARGET BOTTOM HOLE)		NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°06'52.52" (40.114589)	LONGITUDE = 110°38'36.06" (110.643350)	LATITUDE = 40°06'52.55" (40.114597)	LONGITUDE = 110°38'23.19" (110.639775)
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°06'52.67" (40.114631)	LONGITUDE = 110°38'33.50" (110.642639)	LATITUDE = 40°06'52.70" (40.114639)	LONGITUDE = 110°38'20.63" (110.639064)

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

SCALE 1" = 1000'	DATE SURVEYED: 09-08-11	DATE DRAWN: 09-21-11
PARTY T.A. C.N. K.O.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE BILL BARRETT CORPORATION	

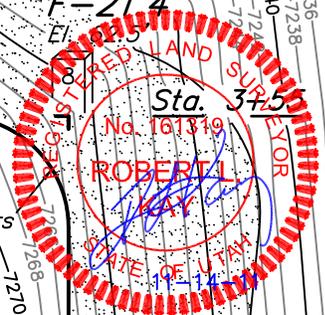
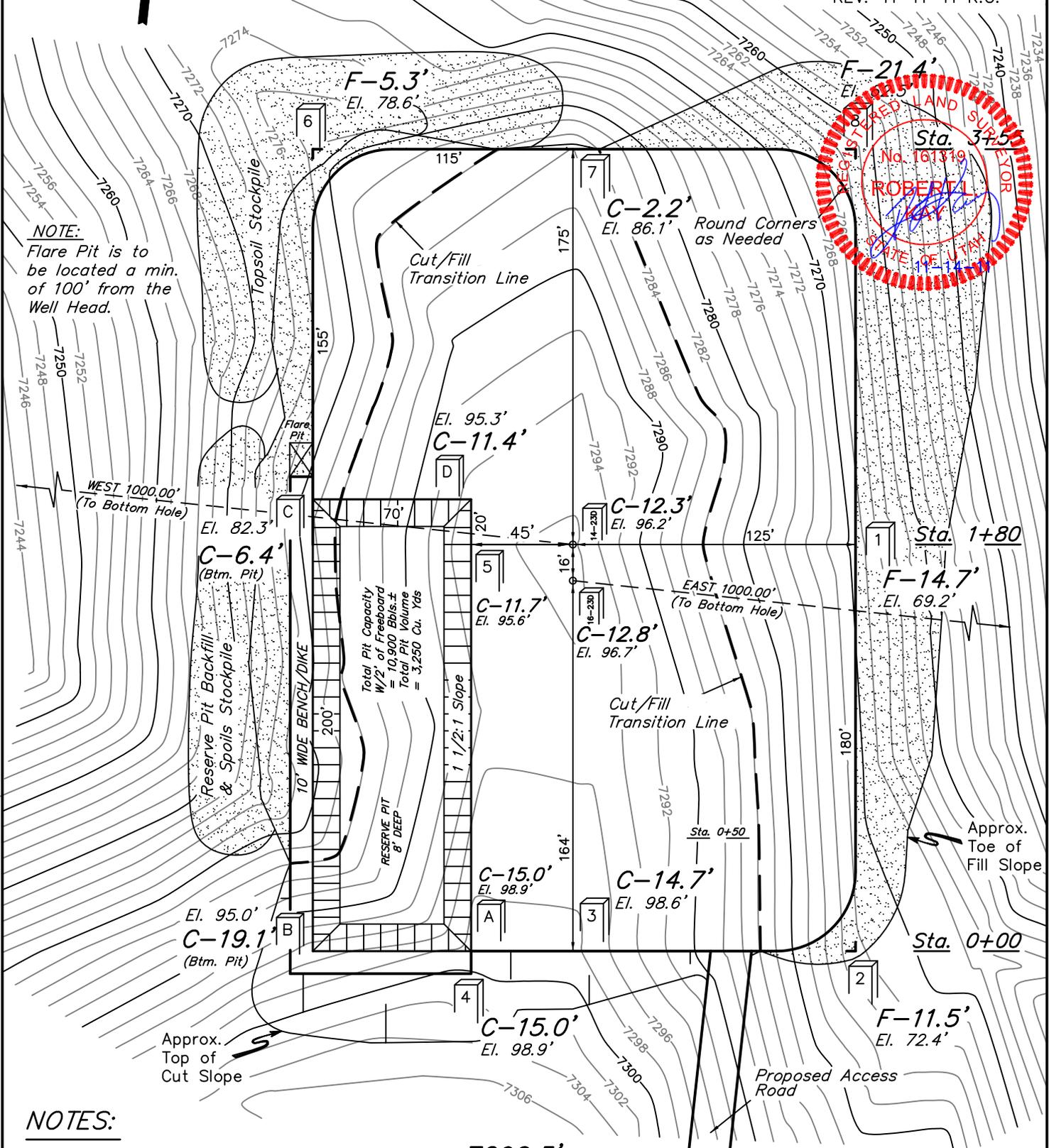
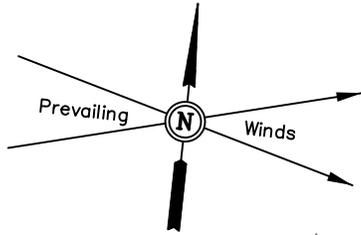
BILL BARRETT CORPORATION

LOCATION LAYOUT FOR

LC TRIBAL #14-23D-47 & #16-23D-47
SECTION 23, T4S, R7W, U.S.B.&M.
SW 1/4 SE 1/4

FIGURE #1

SCALE: 1" = 60'
DATE: 06-16-08
DRAWN BY: C.H.
REV: 09-21-11 K.O.
REV: 11-04-11 K.O.
REV: 11-11-11 K.O.



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

WEST 1000.00'
(To Bottom Hole)

EAST 1000.00'
(To Bottom Hole)

Total Pit Capacity
W/2 of Freeboard
= 10,900 Bbls.±
Total Pit Volume
= 3,250 Cu. Yds

Approx.
Top of
Cut Slope

Approx.
Toe of
Fill Slope

NOTES:

Elev. Ungraded Ground At #14-23D Loc. Stake = 7296.5'
FINISHED GRADE ELEV. AT #14-23D LOC. STAKE = 7283.9'

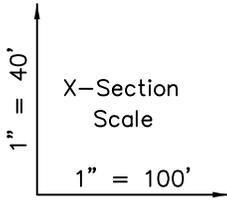
UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

BILL BARRETT CORPORATION

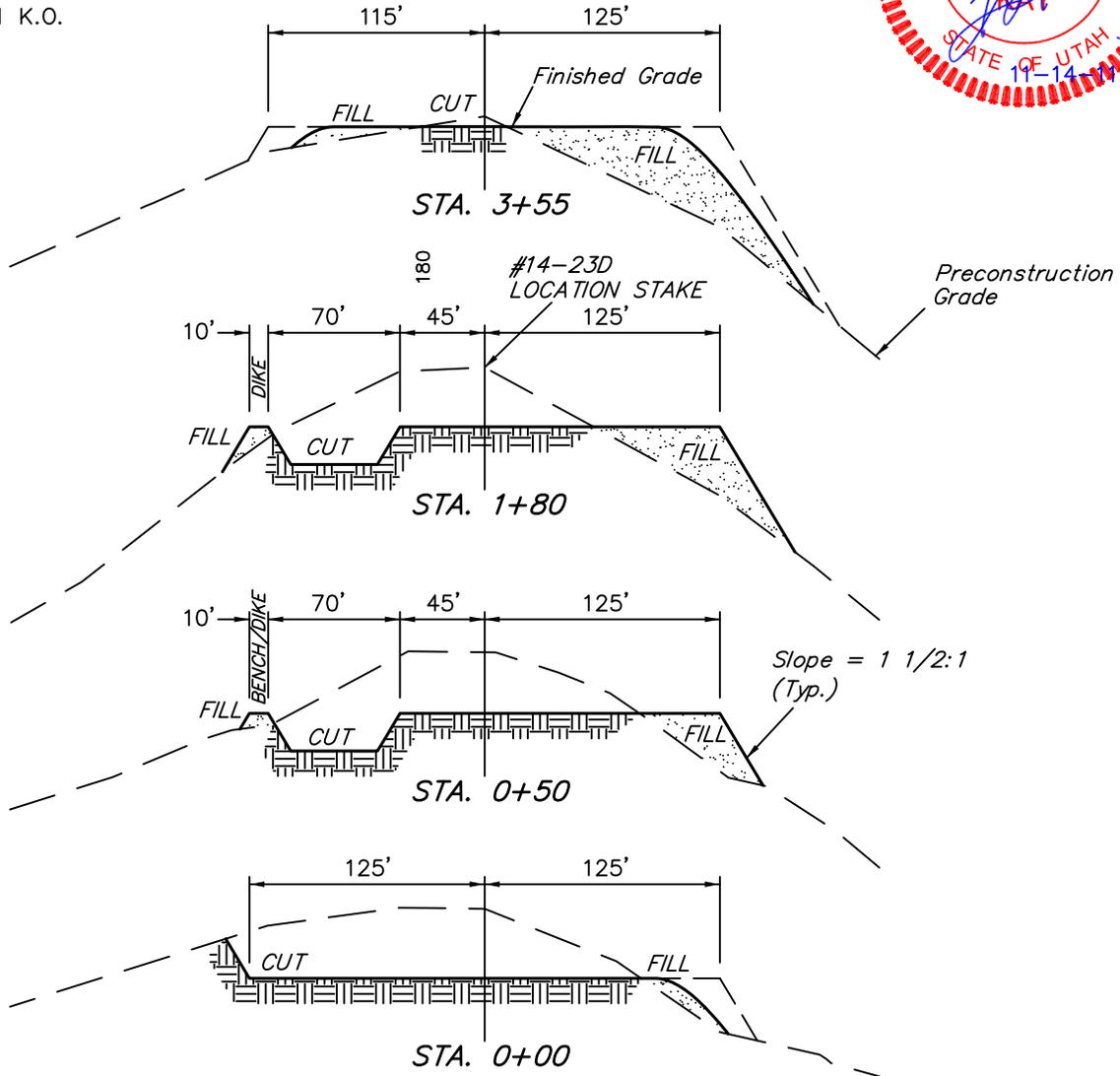
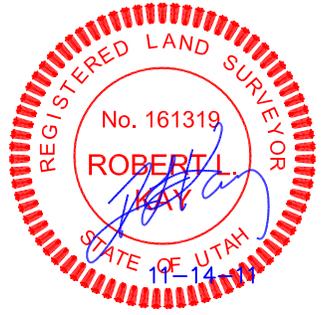
TYPICAL CROSS SECTIONS FOR

LC TRIBAL #14-23D-47 & #16-23D-47
SECTION 23, T4S, R7W, U.S.B.&M.
SW 1/4 SE 1/4

FIGURE #2



DATE: 06-16-08
DRAWN BY: C.H.
REV: 09-21-11 K.O.
REV: 11-04-11 K.O.
REV: 11-11-11 K.O.



WELL SITE DISTURBANCE = 2.696 ACRES
ACCESS ROAD DISTURBANCE = 4.238 ACRES
TOTAL = 6.934 ACRES

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

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(12") Topsoil Stripping	= 4,690 Cu. Yds.
Remaining Location	= 17,440 Cu. Yds.
TOTAL CUT	= 22,130 CU.YDS.
FILL	= 15,810 CU.YDS.

EXCESS MATERIAL	= 6,320 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 6,320 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 0 Cu. Yds.

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BILL BARRETT CORPORATION

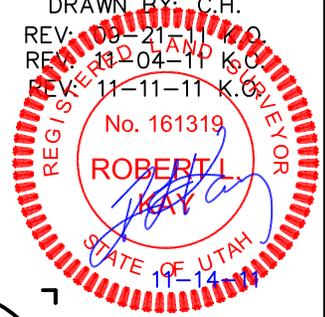
TYPICAL RIG LAYOUT FOR

LC TRIBAL #14-23D-47 & #16-23D-47
SECTION 23, T4S, R7W, U.S.B.&M.
SW 1/4 SE 1/4

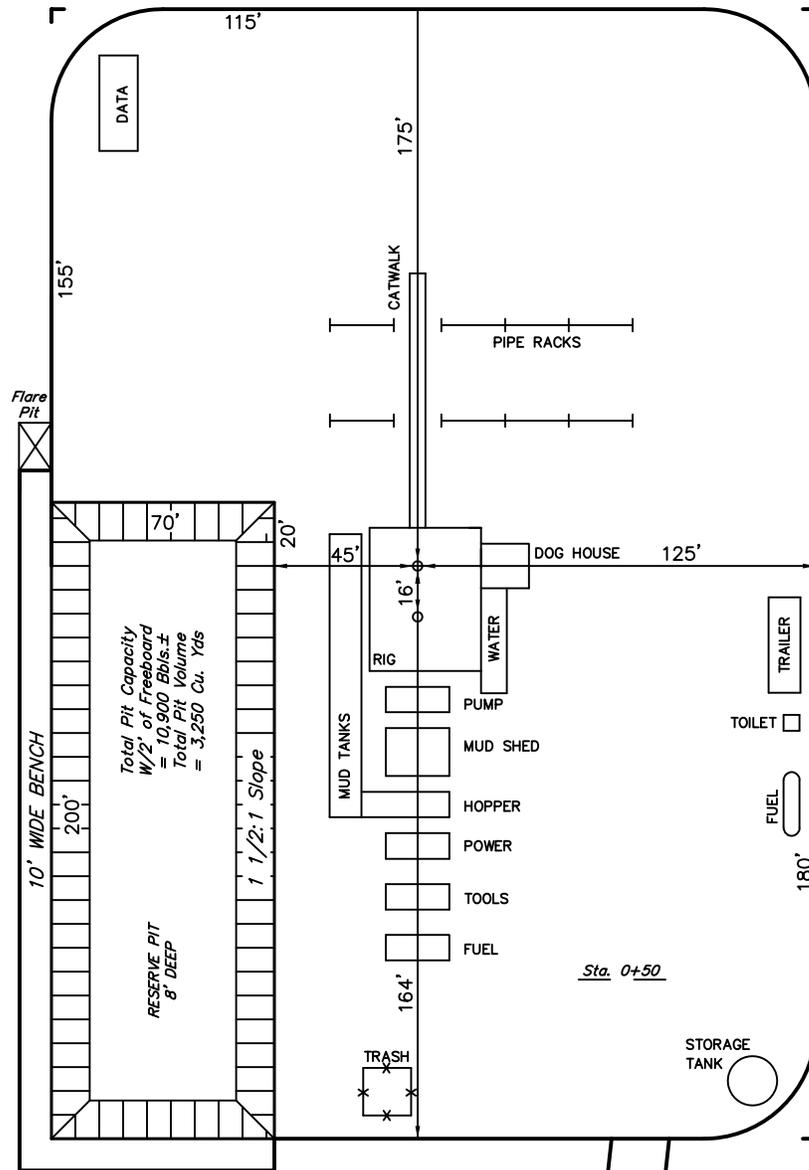
FIGURE #3

SCALE: 1" = 60'
DATE: 06-16-08
DRAWN BY: C.H.

REV: 06-21-08
REV: 11-04-11 K.S.
REV: 11-11-11 K.S.



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



Proposed Access Road

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

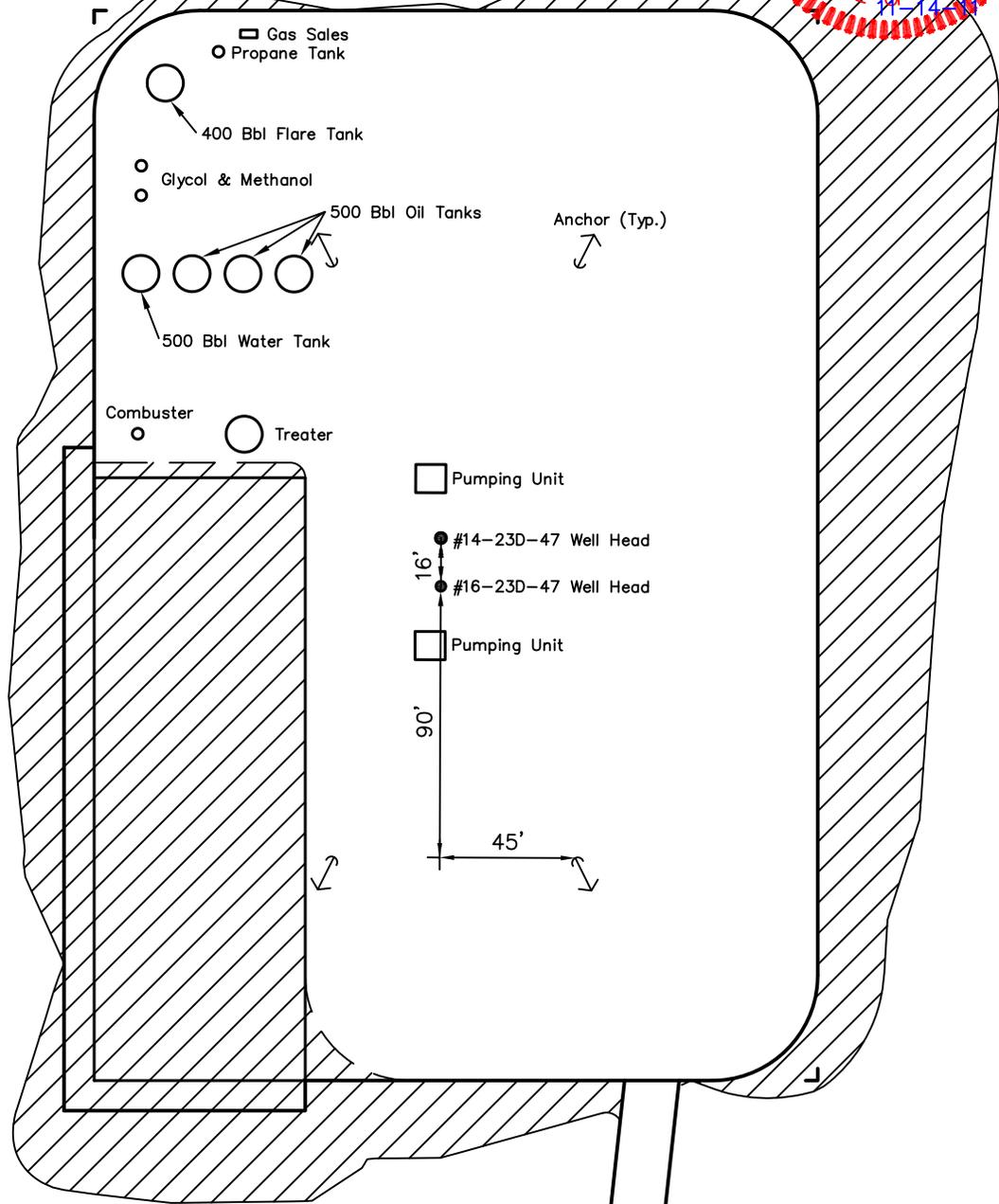
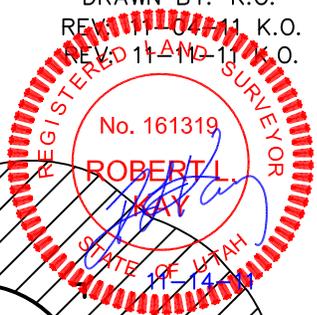
BILL BARRETT CORPORATION

INTERIM RECLAMATION PLAN FOR

LC TRIBAL #14-23D-47 & #16-23D-47
SECTION 23, T4S, R7W, U.S.B.&M.
SW 1/4 SE 1/4

FIGURE #4

SCALE: 1" = 60'
DATE: 09-21-11
DRAWN BY: K.O.
REV. 11-11-11 K.O.
REV. 11-11-11 K.O.



 INTERIM RECLAMATION

APPROXIMATE ACREAGES
UN-RECLAIMED = ± 1.602 ACRES

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85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

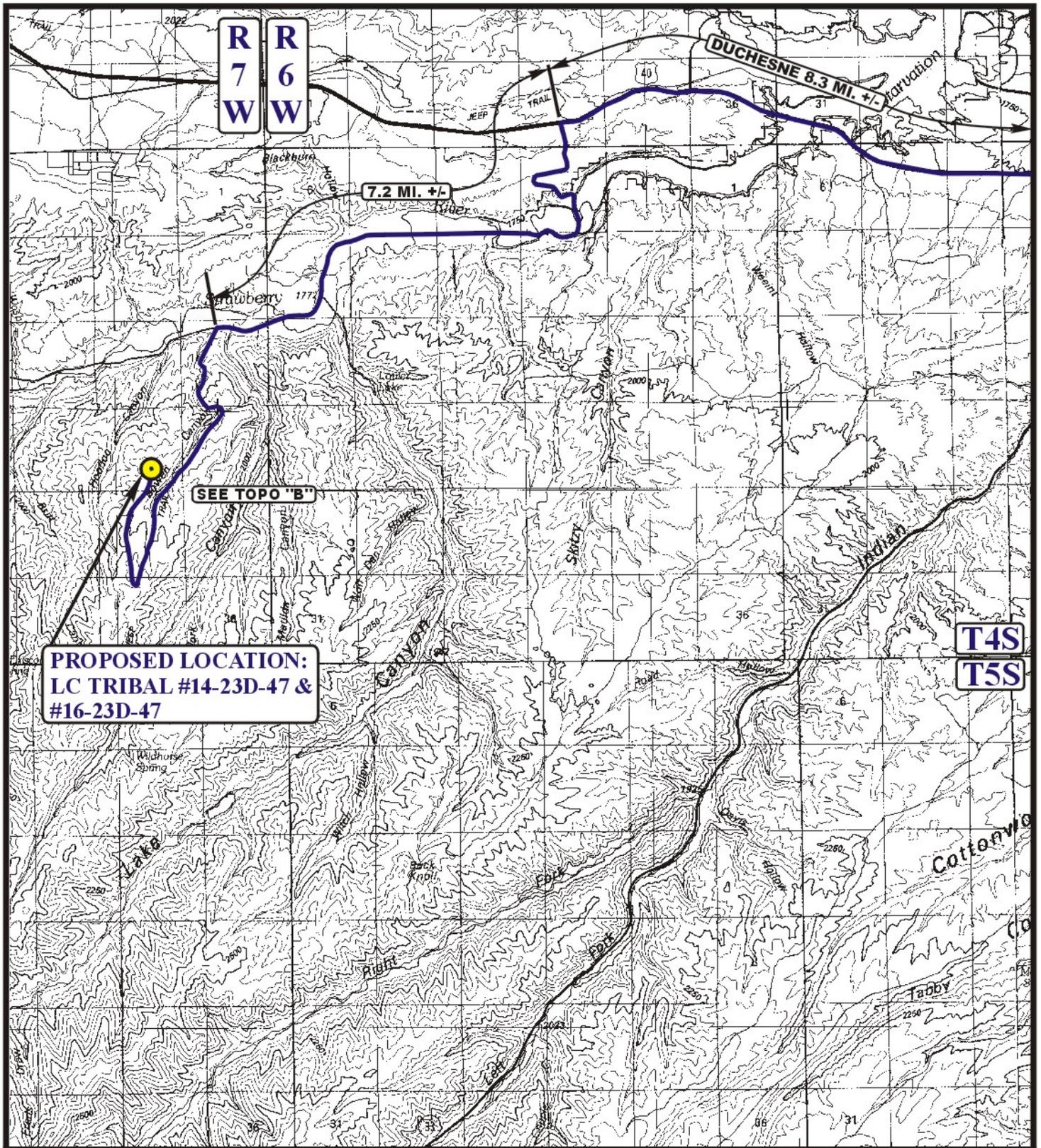
RECEIVED: Jan. 17, 2012

BILL BARRETT CORPORATION

LC TRIBAL #14-23D-47 & #16-23D-47
SECTION 23, T4S, R7W, U.S.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM DUCHESNE, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 8.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, THEN WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 7.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING 2-TRACK TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 3.5 MILES TO THE JUNCTION OF THIS ROAD AND THE PROPOSED ACCESS FOR THE #14-26-47 TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE PROPOSED ACCESS ROAD TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 1.2 MILES TO THE PROPOSED WELL LOCATION.

TOTAL DISTANCE FROM DUCHESNE, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 20.4 MILES.



LEGEND:

 PROPOSED LOCATION



BILL BARRETT CORPORATION

**LC TRIBAL #14-23D-47 & #16-23D-47
SECTION 23, T4S, R7W, U.S.B.&M.
SW 1/4 SE 1/4**



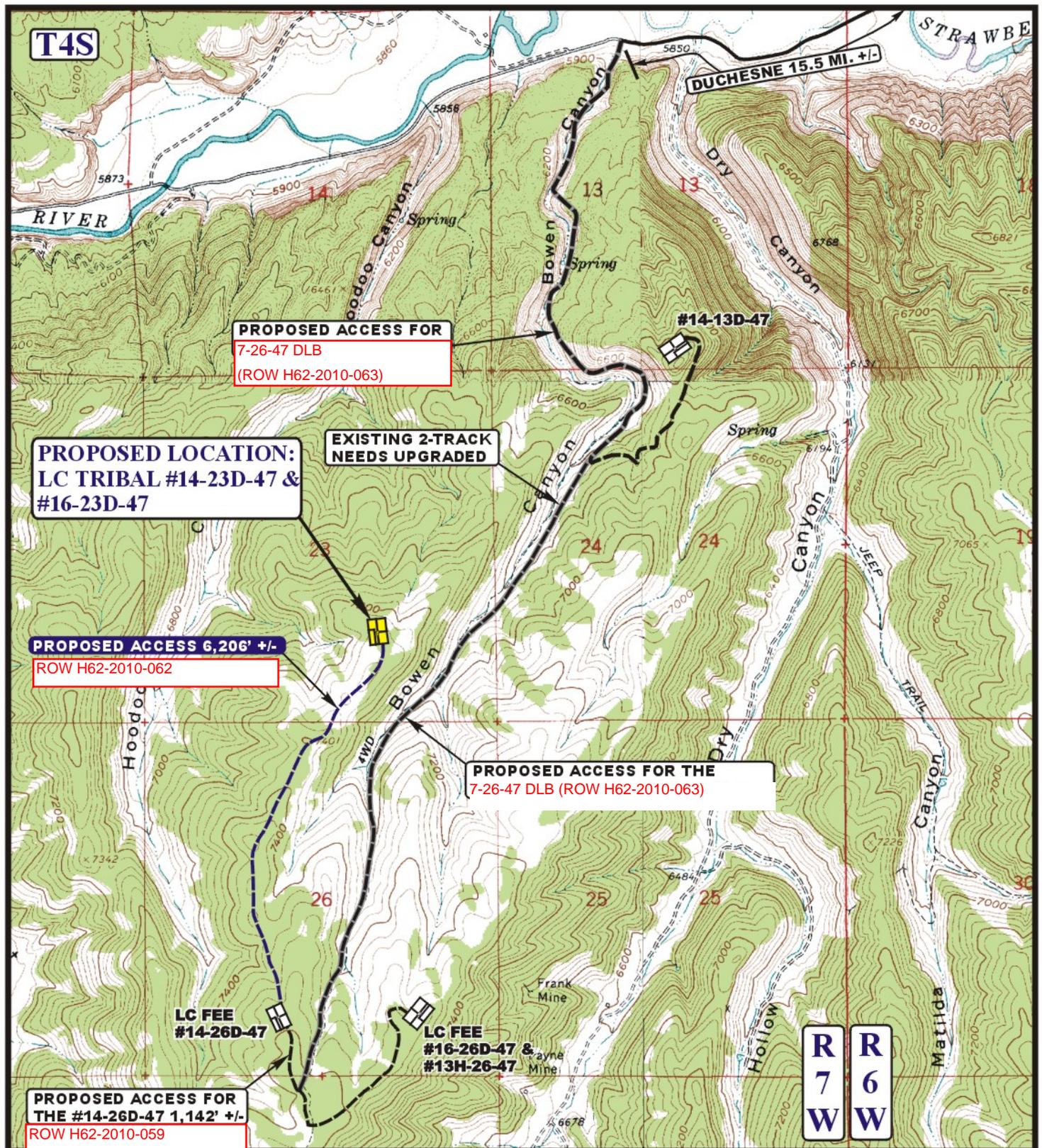
Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**ACCESS ROAD
MAP**

06 17 08
MONTH DAY YEAR



SCALE: 1:100,000 DRAWN BY: J.J. REV: 10-21-11 J.L.H.



LEGEND:

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



BILL BARRETT CORPORATION

**LC TRIBAL #14-23D-47 & #16-23D-47
SECTION 23, T4S, R7W, U.S.B.&M.
SW 1/4 SE 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	06	17	08	B TOPO
	MONTH	DAY	YEAR	
SCALE: 1" = 2000'	DRAWN BY: J.J.		REV: 10-21-11 J.L.H.	

DRILLING PLAN

BILL BARRETT CORPORATION

14-23D-47 BTR Well Pad

SW SE, 1231' FSL and 1755' FEL, Sec. 23, T4S-R7W, USB&M (surface hole)
SE SW, 1228' FSL and 2439' FWL, Sec. 23, 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>
Lower Green River*	3,766'	3,639'
Douglas Creek	4,601'	4,439'
Black Shale	5,427'	5,264'
Castle Peak	5,652'	5,489'
Uteland Butte	5,967'	5,804'
Wasatch*	6,207'	6,044'
TD	7,412'	7,249'

*PROSPECTIVE PAY

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

Base of Useable Water = 5,299'

3. BOP and Pressure Containment Data

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 1,500'	No pressure control required
1,500' – 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	1,500'	9 5/8"	36#	J or K 55	BT&C	New
8 3/4"	Surface	TD	5 1/2"	17#	P-110	LT&C	New
NOTE: In addition, 8 3/4" hole size may change to 7 7/8" at the point the bit is changed out.							

Bill Barrett Corporation
 Drilling Program
 #14-23D-47 BTR
 Duchesne County, Utah

5. **Cementing Program**

Casing	Cementing
16" Conductor Casing	<i>Grout</i>
9 5/8" Surface Casing	<p><i>Lead</i> with approximately 190 sx Halliburton Light Premium with additives mixed at 11.0 ppg (yield = 3.16 ft³/sx) circulated to surface with 75% excess. Top of lead estimated at surface.</p> <p><i>Tail</i> with approximately 210 sx Halliburton Premium cement with additives mixed at 14.8 ppg (yield = 1.36 ft³/sx), calculated hole volume with 75% excess. Top of tail estimated at 1,000'.</p>
5 1/2" Production Casing	<p><i>Lead</i> with approximately 650 sx Tuned Light cement with additives, mixed at 11.0 ppg (yield = 2.31 ft³/sx.) . Top of lead estimated at 1,000'.</p> <p><i>Tail</i> with approximately 670 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft³/sx). Top of tail estimated at 4,927'.</p>

6. **Mud Program**

Interval	Weight	Viscosity	Fluid Loss (API filtrate)	Remarks
0' – 80'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
80' – 1,500'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
1,500' – TD	8.6 – 9.7	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.

Bill Barrett Corporation
Drilling Program
#14-23D-47 BTR
Duchesne County, Utah

8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 3656 psi* and maximum anticipated surface pressure equals approximately 2062 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)

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
- d) 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.

11. Drilling Schedule

Location Construction: March 2012
Spud: March 2012
Duration: 15 days drilling time
45 days completion time



Bill Barrett Corporation

LAKE CANYON & BLACK TAIL RIDGE CEMENT VOLUMES

Well Name: LC Tribal 14-23D-47

Surface Hole Data:

Total Depth:	1,500'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

Calculated Data:

Lead Volume:	548.1	ft ³
Lead Fill:	1,000'	
Tail Volume:	274.0	ft ³
Tail Fill:	500'	

Cement Data:

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

Calculated # of Sacks:

# SK's Lead:	190
--------------	-----

Tail Yield:	1.36	ft ³ /sk
% Excess:	75%	
Top of Tail:	1,000'	

# SK's Tail:	210
--------------	-----

Production Hole Data:

Total Depth:	7,412'
Top of Cement:	1,000'
Top of Tail:	4,927'
OD of Hole:	8.750"
OD of Casing:	5.500"

Calculated Data:

Lead Volume:	1487.9	ft ³
Lead Fill:	3,927'	
Tail Volume:	941.6	ft ³
Tail Fill:	2,485'	

Cement Data:

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

Calculated # of Sacks:

# SK's Lead:	650
# SK's Tail:	670

LC Tribal 14-23D-47 Proposed Cementing Program

<u>Job Recommendation</u>	<u>Surface Casing</u>
Lead Cement - (1000' - 0')	
Halliburton Light Premium	Fluid Weight: 11.0 lbm/gal
5.0 lbm/sk Silicalite Compacted	Slurry Yield: 3.16 ft ³ /sk
0.25 lbm/sk Kwik Seal	Total Mixing Fluid: 19.48 Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid: 0'
2.0% Bentonite	Calculated Fill: 1,000'
	Volume: 97.61 bbl
	Proposed Sacks: 190 sks
Tail Cement - (TD - 1000')	
Premium Cement	Fluid Weight: 14.8 lbm/gal
2.0% Calcium Chloride	Slurry Yield: 1.36 ft ³ /sk
	Total Mixing Fluid: 6.37 Gal/sk
	Top of Fluid: 1,000'
	Calculated Fill: 500'
	Volume: 48.80 bbl
	Proposed Sacks: 210 sks

<u>Job Recommendation</u>	<u>Production Casing</u>
Lead Cement - (4927' - 1000')	
Tuned Light™ System	Fluid Weight: 11.0 lbm/gal
	Slurry Yield: 2.31 ft ³ /sk
	Total Mixing Fluid: 10.65 Gal/sk
	Top of Fluid: 1,000'
	Calculated Fill: 3,927'
	Volume: 264.99 bbl
	Proposed Sacks: 650 sks
Tail Cement - (7412' - 4927')	
Econocem™ System	Fluid Weight: 13.5 lbm/gal
0.125 lbm/sk Poly-E-Flake	Slurry Yield: 1.42 ft ³ /sk
1.0 lbm/sk Granulite TR 1/4	Total Mixing Fluid: 6.61 Gal/sk
	Top of Fluid: 4,927'
	Calculated Fill: 2,485'
	Volume: 167.70 bbl
	Proposed Sacks: 670 sks

PRESSURE CONTROL EQUIPMENT – Schematic Attached

A. Type: Eleven (11) Inch Double Gate Hydraulic BOP with Eleven (11) Inch Annular Preventer. The blow out preventer will be equipped as follows:

1. One (1) blind ram (above).
2. One (1) pipe ram (below).
3. Drilling spool with two (2) side outlets (choke side 3-inch minimum, kill side 2-inch minimum).
4. 3-inch diameter choke line.
5. Two (2) choke line valves (3-inch minimum).
6. Kill line (2-inch minimum).
7. Two (2) chokes with one (1) remotely controlled from the rig floor.
8. Two (2) kill line valves, and a check valve (2-inch minimum).
9. Upper and lower kelly cock valves with handles available.
10. Safety valve(s) & subs to fit all drill string connections in use.
11. Inside BOP or float sub available.
12. Pressure gauge on choke manifold.
13. Fill-up line above the uppermost preventer.

B. Pressure Rating: 5,000 psi

C. Testing Procedure:

Annular Preventer

At a minimum, the Annular Preventer will be pressure tested to 50% of the rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum the above pressure test will be performed:

1. When the annular preventer is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition, the Annular Preventer will be functionally operated at least weekly.

Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be

maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

1. When the BOP is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

D. Choke Manifold Equipment:

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

E. Accumulator:

The accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (if so equipped), close all rams plus the annular preventer, and retain a minimum of 200 psi above precharge on the closing manifold without the use of closing unit pumps. The fluid reservoir capacity will be double the usable fluid volume of the accumulator system capacity and the fluid level of the reservoir will be maintained at the manufacturer's recommendations.

The BOP system will have two (2) independent power sources to close the preventers. Nitrogen bottles (3 minimum) will be one (1) of these independent power sources and will maintain a charge equal to the manufacturer's specifications.

The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in the *Onshore Oil & Gas Order Number 2*.

A manual locking device (i.e. hand wheels) or automatic locking device will be installed on all systems of 2M or greater. A valve will be installed in the closing line as close as possible to the annular preventer to act as a locking device. This valve will be maintained in the open position and will be closed only when the power source for the accumulator is inoperative.

Remote controls shall be readily accessible to the driller. Remote controls for all 3M or greater systems will be capable of closing all preventers. Remote controls for 5M or greater systems will be capable of both opening and closing all preventers. Master controls will be at the accumulator and will be capable of opening and closing all preventers and the choke line valve (if so equipped).

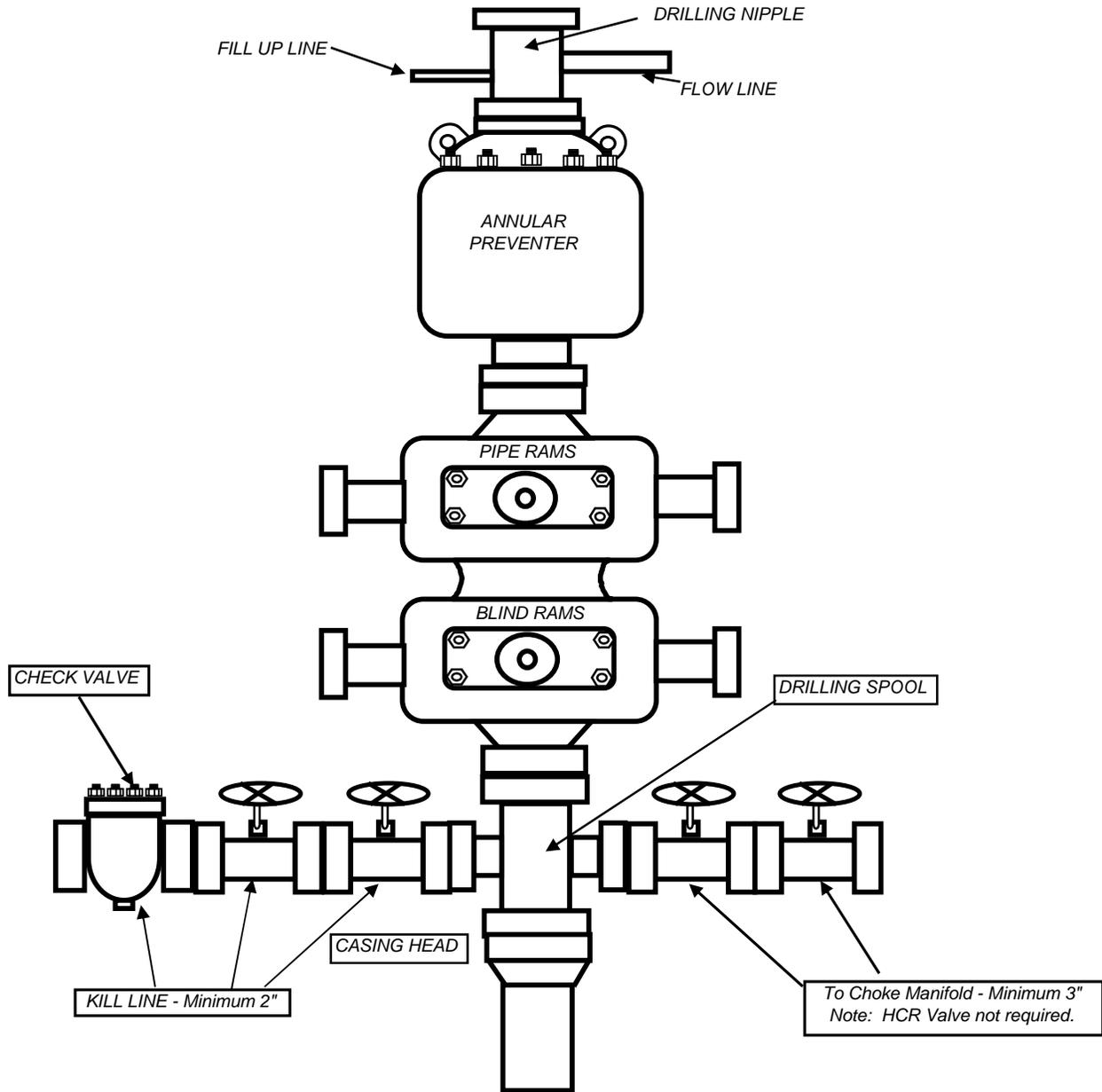
F. Miscellaneous Information:

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2*. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.

BILL BARRETT CORPORATION

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





Lake Canyon

Site Centre Latitude: 40° 6' 52.700 N
Longitude: 110° 38' 20.630 W

Positional Uncertainty: 0.0
Convergence: 0.55
Local North: True

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

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
14-23D LC 3PT MKR	4839.0	-2.9	-999.8	40° 6' 52.672 N	110° 38' 33.500 W	Rectangle (Sides: L200.0 W200.0)
14-23D LC PBHL	7249.0	-2.9	-999.8	40° 6' 52.672 N	110° 38' 33.500 W	Rectangle (Sides: L200.0 W200.0)

FORMATION TOP DETAILS

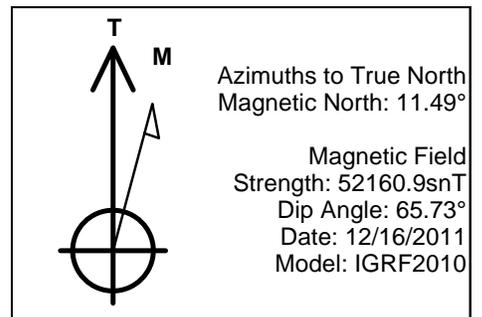
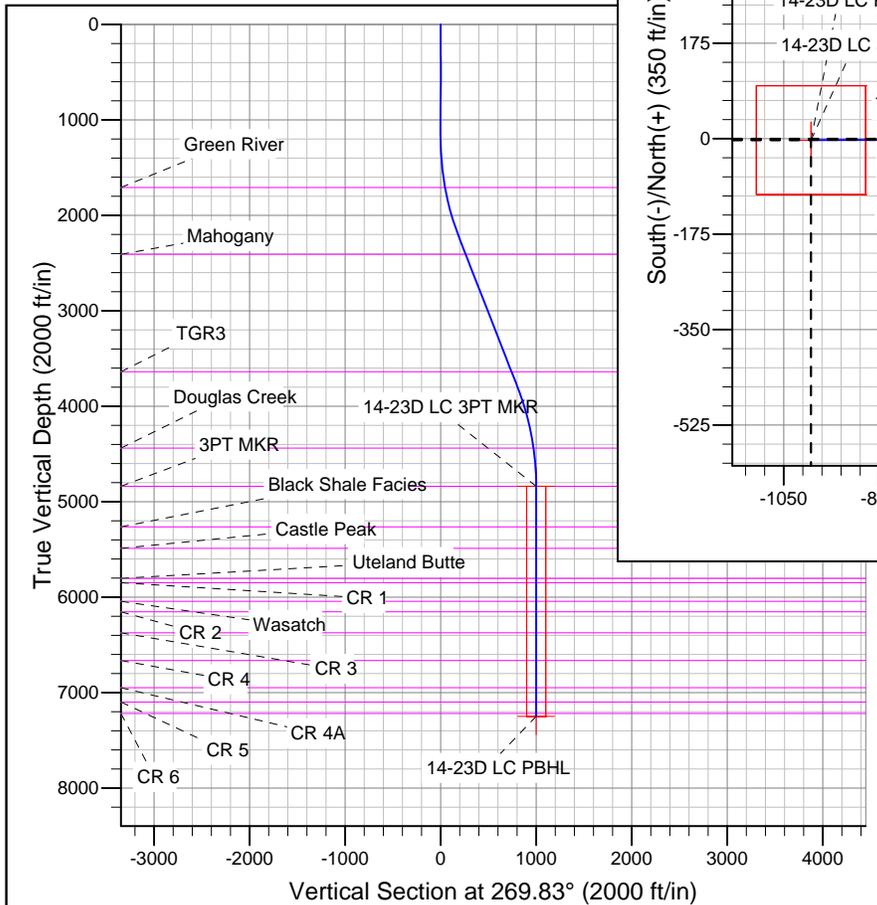
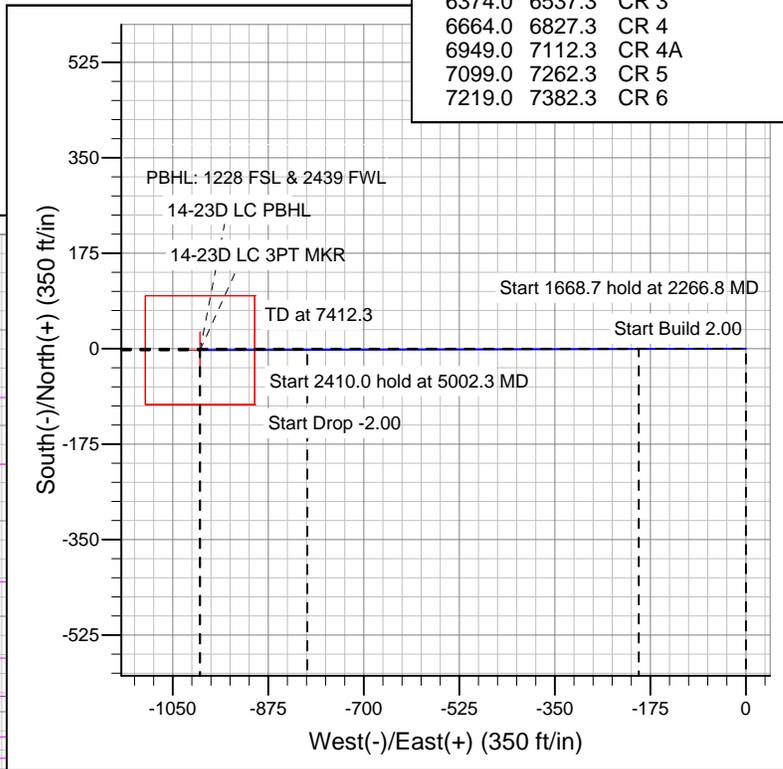
TVDPath	MDPath	Formation
1709.0	1711.7	Green River
2409.0	2445.8	Mahogany
3639.0	3766.3	TGR3
4439.0	4601.0	Douglas Creek
4839.0	5002.3	3PT MKR
5264.0	5427.3	Black Shale Facies
5489.0	5652.3	Castle Peak
5804.0	5967.3	Uteland Butte
5849.0	6012.3	CR 1
6044.0	6207.3	Wasatch
6154.0	6317.3	CR 2
6374.0	6537.3	CR 3
6664.0	6827.3	CR 4
6949.0	7112.3	CR 4A
7099.0	7262.3	CR 5
7219.0	7382.3	CR 6

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	1200.0	0.00	0.00	1200.0	0.0	0.0	0.00	0.00	0.0	
3	2266.8	21.34	269.83	2242.3	-0.6	-196.4	2.00	269.83	196.4	
4	3935.5	21.34	269.83	3796.7	-2.3	-803.5	0.00	0.00	803.5	
5	5002.3	0.00	0.00	4839.0	-2.9	-999.8	2.00	180.00	999.8	14-23D LC 3PT MKR
6	7412.3	0.00	0.00	7249.0	-2.9	-999.8	0.00	0.00	999.8	14-23D LC PBHL

CASING DETAILS

No casing data is available



Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well 14-23D-47 LC Tribal
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 7312.0ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT (NAD 27)	MD Reference:	KB @ 7312.0ft (Original Well Elev)
Site:	14-23D-47 LC Tribal	North Reference:	True
Well:	14-23D-47 LC Tribal	Survey Calculation Method:	Minimum Curvature
Wellbore:	14-23D-47 LC Tribal		
Design:	Design #1		

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

Site	14-23D-47 LC Tribal				
Site Position:		Northing:	649,961.24 ft	Latitude:	40° 6' 52.700 N
From:	Lat/Long	Easting:	2,240,779.70 ft	Longitude:	110° 38' 20.630 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.55 °

Well	14-23D-47 LC Tribal					
Well Position	+N/-S	0.0 ft	Northing:	649,961.24 ft	Latitude:	40° 6' 52.700 N
	+E/-W	0.0 ft	Easting:	2,240,779.70 ft	Longitude:	110° 38' 20.630 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	7,296.0 ft

Wellbore	14-23D-47 LC Tribal				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	12/16/2011	11.49	65.73	52,161

Design	Design #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	269.83

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,266.8	21.34	269.83	2,242.3	-0.6	-196.4	2.00	2.00	0.00	269.83	
3,935.5	21.34	269.83	3,796.7	-2.3	-803.5	0.00	0.00	0.00	0.00	
5,002.3	0.00	0.00	4,839.0	-2.9	-999.8	2.00	-2.00	0.00	180.00	14-23D LC 3PT MKR
7,412.3	0.00	0.00	7,249.0	-2.9	-999.8	0.00	0.00	0.00	0.00	14-23D LC PBHL

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well 14-23D-47 LC Tribal
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 7312.0ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT (NAD 27)	MD Reference:	KB @ 7312.0ft (Original Well Elev)
Site:	14-23D-47 LC Tribal	North Reference:	True
Well:	14-23D-47 LC Tribal	Survey Calculation Method:	Minimum Curvature
Wellbore:	14-23D-47 LC Tribal		
Design:	Design #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	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	2.00	269.83	1,300.0	0.0	-1.7	1.7	2.00	2.00	0.00
1,400.0	4.00	269.83	1,399.8	0.0	-7.0	7.0	2.00	2.00	0.00
1,500.0	6.00	269.83	1,499.5	0.0	-15.7	15.7	2.00	2.00	0.00
1,600.0	8.00	269.83	1,598.7	-0.1	-27.9	27.9	2.00	2.00	0.00
1,700.0	10.00	269.83	1,697.5	-0.1	-43.5	43.5	2.00	2.00	0.00
1,711.7	10.23	269.83	1,709.0	-0.1	-45.6	45.6	2.00	2.00	0.00
Green River									
1,800.0	12.00	269.83	1,795.6	-0.2	-62.6	62.6	2.00	2.00	0.00
1,900.0	14.00	269.83	1,893.1	-0.2	-85.1	85.1	2.00	2.00	0.00
2,000.0	16.00	269.83	1,989.6	-0.3	-111.0	111.0	2.00	2.00	0.00
2,100.0	18.00	269.83	2,085.3	-0.4	-140.2	140.2	2.00	2.00	0.00
2,200.0	20.00	269.83	2,179.8	-0.5	-172.8	172.8	2.00	2.00	0.00
2,266.8	21.34	269.83	2,242.3	-0.6	-196.4	196.4	2.00	2.00	0.00
2,300.0	21.34	269.83	2,273.2	-0.6	-208.4	208.4	0.00	0.00	0.00
2,400.0	21.34	269.83	2,366.4	-0.7	-244.8	244.8	0.00	0.00	0.00
2,445.8	21.34	269.83	2,409.0	-0.8	-261.5	261.5	0.00	0.00	0.00
Mahogany									
2,500.0	21.34	269.83	2,459.5	-0.8	-281.2	281.2	0.00	0.00	0.00
2,600.0	21.34	269.83	2,552.7	-0.9	-317.6	317.6	0.00	0.00	0.00
2,700.0	21.34	269.83	2,645.8	-1.0	-354.0	354.0	0.00	0.00	0.00
2,800.0	21.34	269.83	2,739.0	-1.1	-390.3	390.3	0.00	0.00	0.00
2,900.0	21.34	269.83	2,832.1	-1.2	-426.7	426.7	0.00	0.00	0.00
3,000.0	21.34	269.83	2,925.3	-1.3	-463.1	463.1	0.00	0.00	0.00
3,100.0	21.34	269.83	3,018.4	-1.4	-499.5	499.5	0.00	0.00	0.00
3,200.0	21.34	269.83	3,111.6	-1.5	-535.9	535.9	0.00	0.00	0.00
3,300.0	21.34	269.83	3,204.7	-1.7	-572.3	572.3	0.00	0.00	0.00
3,400.0	21.34	269.83	3,297.8	-1.8	-608.6	608.7	0.00	0.00	0.00
3,500.0	21.34	269.83	3,391.0	-1.9	-645.0	645.0	0.00	0.00	0.00
3,600.0	21.34	269.83	3,484.1	-2.0	-681.4	681.4	0.00	0.00	0.00
3,700.0	21.34	269.83	3,577.3	-2.1	-717.8	717.8	0.00	0.00	0.00
3,766.3	21.34	269.83	3,639.0	-2.1	-741.9	741.9	0.00	0.00	0.00
TGR3									
3,800.0	21.34	269.83	3,670.4	-2.2	-754.2	754.2	0.00	0.00	0.00
3,900.0	21.34	269.83	3,763.6	-2.3	-790.6	790.6	0.00	0.00	0.00
3,935.5	21.34	269.83	3,796.7	-2.3	-803.5	803.5	0.00	0.00	0.00
4,000.0	20.05	269.83	3,857.0	-2.4	-826.3	826.3	2.00	-2.00	0.00
4,100.0	18.05	269.83	3,951.5	-2.5	-858.9	858.9	2.00	-2.00	0.00
4,200.0	16.05	269.83	4,047.1	-2.6	-888.2	888.2	2.00	-2.00	0.00
4,300.0	14.05	269.83	4,143.7	-2.6	-914.2	914.2	2.00	-2.00	0.00
4,400.0	12.05	269.83	4,241.1	-2.7	-936.8	936.8	2.00	-2.00	0.00

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well 14-23D-47 LC Tribal
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 7312.0ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT (NAD 27)	MD Reference:	KB @ 7312.0ft (Original Well Elev)
Site:	14-23D-47 LC Tribal	North Reference:	True
Well:	14-23D-47 LC Tribal	Survey Calculation Method:	Minimum Curvature
Wellbore:	14-23D-47 LC Tribal		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,500.0	10.05	269.83	4,339.2	-2.8	-955.9	955.9	2.00	-2.00	0.00
4,600.0	8.05	269.83	4,438.0	-2.8	-971.6	971.6	2.00	-2.00	0.00
4,601.0	8.03	269.83	4,439.0	-2.8	-971.8	971.8	2.00	-2.00	0.00
Douglas Creek									
4,700.0	6.05	269.83	4,537.2	-2.8	-983.9	983.9	2.00	-2.00	0.00
4,800.0	4.05	269.83	4,636.8	-2.9	-992.7	992.7	2.00	-2.00	0.00
4,900.0	2.05	269.83	4,736.7	-2.9	-998.0	998.0	2.00	-2.00	0.00
5,000.0	0.05	269.83	4,836.7	-2.9	-999.8	999.8	2.00	-2.00	0.00
5,002.3	0.00	0.00	4,839.0	-2.9	-999.8	999.8	2.00	-2.00	3,845.00
3PT MKR - 14-23D LC 3PT MKR									
5,100.0	0.00	0.00	4,936.7	-2.9	-999.8	999.8	0.00	0.00	0.00
5,200.0	0.00	0.00	5,036.7	-2.9	-999.8	999.8	0.00	0.00	0.00
5,300.0	0.00	0.00	5,136.7	-2.9	-999.8	999.8	0.00	0.00	0.00
5,400.0	0.00	0.00	5,236.7	-2.9	-999.8	999.8	0.00	0.00	0.00
5,427.3	0.00	0.00	5,264.0	-2.9	-999.8	999.8	0.00	0.00	0.00
Black Shale Facies									
5,500.0	0.00	0.00	5,336.7	-2.9	-999.8	999.8	0.00	0.00	0.00
5,600.0	0.00	0.00	5,436.7	-2.9	-999.8	999.8	0.00	0.00	0.00
5,652.3	0.00	0.00	5,489.0	-2.9	-999.8	999.8	0.00	0.00	0.00
Castle Peak									
5,700.0	0.00	0.00	5,536.7	-2.9	-999.8	999.8	0.00	0.00	0.00
5,800.0	0.00	0.00	5,636.7	-2.9	-999.8	999.8	0.00	0.00	0.00
5,900.0	0.00	0.00	5,736.7	-2.9	-999.8	999.8	0.00	0.00	0.00
5,967.3	0.00	0.00	5,804.0	-2.9	-999.8	999.8	0.00	0.00	0.00
Uteland Butte									
6,000.0	0.00	0.00	5,836.7	-2.9	-999.8	999.8	0.00	0.00	0.00
6,012.3	0.00	0.00	5,849.0	-2.9	-999.8	999.8	0.00	0.00	0.00
CR 1									
6,100.0	0.00	0.00	5,936.7	-2.9	-999.8	999.8	0.00	0.00	0.00
6,200.0	0.00	0.00	6,036.7	-2.9	-999.8	999.8	0.00	0.00	0.00
6,207.3	0.00	0.00	6,044.0	-2.9	-999.8	999.8	0.00	0.00	0.00
Wasatch									
6,300.0	0.00	0.00	6,136.7	-2.9	-999.8	999.8	0.00	0.00	0.00
6,317.3	0.00	0.00	6,154.0	-2.9	-999.8	999.8	0.00	0.00	0.00
CR 2									
6,400.0	0.00	0.00	6,236.7	-2.9	-999.8	999.8	0.00	0.00	0.00
6,500.0	0.00	0.00	6,336.7	-2.9	-999.8	999.8	0.00	0.00	0.00
6,537.3	0.00	0.00	6,374.0	-2.9	-999.8	999.8	0.00	0.00	0.00
CR 3									
6,600.0	0.00	0.00	6,436.7	-2.9	-999.8	999.8	0.00	0.00	0.00
6,700.0	0.00	0.00	6,536.7	-2.9	-999.8	999.8	0.00	0.00	0.00
6,800.0	0.00	0.00	6,636.7	-2.9	-999.8	999.8	0.00	0.00	0.00
6,827.3	0.00	0.00	6,664.0	-2.9	-999.8	999.8	0.00	0.00	0.00
CR 4									
6,900.0	0.00	0.00	6,736.7	-2.9	-999.8	999.8	0.00	0.00	0.00
7,000.0	0.00	0.00	6,836.7	-2.9	-999.8	999.8	0.00	0.00	0.00
7,100.0	0.00	0.00	6,936.7	-2.9	-999.8	999.8	0.00	0.00	0.00
7,112.3	0.00	0.00	6,949.0	-2.9	-999.8	999.8	0.00	0.00	0.00
CR 4A									
7,200.0	0.00	0.00	7,036.7	-2.9	-999.8	999.8	0.00	0.00	0.00
7,262.3	0.00	0.00	7,099.0	-2.9	-999.8	999.8	0.00	0.00	0.00
CR 5									

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well 14-23D-47 LC Tribal
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 7312.0ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT (NAD 27)	MD Reference:	KB @ 7312.0ft (Original Well Elev)
Site:	14-23D-47 LC Tribal	North Reference:	True
Well:	14-23D-47 LC Tribal	Survey Calculation Method:	Minimum Curvature
Wellbore:	14-23D-47 LC Tribal		
Design:	Design #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
7,300.0	0.00	0.00	7,136.7	-2.9	-999.8	999.8	0.00	0.00	0.00
7,382.3	0.00	0.00	7,219.0	-2.9	-999.8	999.8	0.00	0.00	0.00
CR 6									
7,400.0	0.00	0.00	7,236.7	-2.9	-999.8	999.8	0.00	0.00	0.00
7,412.3	0.00	0.00	7,249.0	-2.9	-999.8	999.8	0.00	0.00	0.00
14-23D LC PBHL									

Formations					
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,711.7	1,709.0	Green River		0.00	
2,445.8	2,409.0	Mahogany		0.00	
3,766.3	3,639.0	TGR3		0.00	
4,601.0	4,439.0	Douglas Creek		0.00	
5,002.3	4,839.0	3PT MKR		0.00	
5,427.3	5,264.0	Black Shale Facies		0.00	
5,652.3	5,489.0	Castle Peak		0.00	
5,967.3	5,804.0	Uteland Butte		0.00	
6,012.3	5,849.0	CR 1		0.00	
6,207.3	6,044.0	Wasatch		0.00	
6,317.3	6,154.0	CR 2		0.00	
6,537.3	6,374.0	CR 3		0.00	
6,827.3	6,664.0	CR 4		0.00	
7,112.3	6,949.0	CR 4A		0.00	
7,262.3	7,099.0	CR 5		0.00	
7,382.3	7,219.0	CR 6		0.00	



January 17, 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: Directional Drilling R649-3-11
LC Tribal #14-23D-47
Section 23, T4S-R7W, U.S.B.&M.
Duchesne County, Utah

Surface Hole Location: 1231' FSL & 1755' FEL, SWSE, Sec. 23-T4S-R7W, USB&M
Bottom Hole Location: 1228' FSL & 2439' FWL, SESW, Sec. 23-T4S-R7W, USB&M

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,

BILL BARRETT CORPORATION

A handwritten signature in blue ink that reads 'Venusia Jangmackey for David Watts'. The signature is written over the printed name 'David Watts'.

David Watts
Landman

1099 18TH STREET
SUITE 2300
DENVER, CO 80202
P 303.293.9100
F 303.291.0420

BILL BARRETT CORPORATION
LC TRIBAL #14-23D-47 & #16-23D-47
LOCATED IN DUCHESNE COUNTY, UTAH
SECTION 23, T4S, R7W, U.S.B.&M.



PHOTO: VIEW FROM PIT D TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017

LOCATION PHOTOS

06 17 08
MONTH DAY YEAR

PHOTO

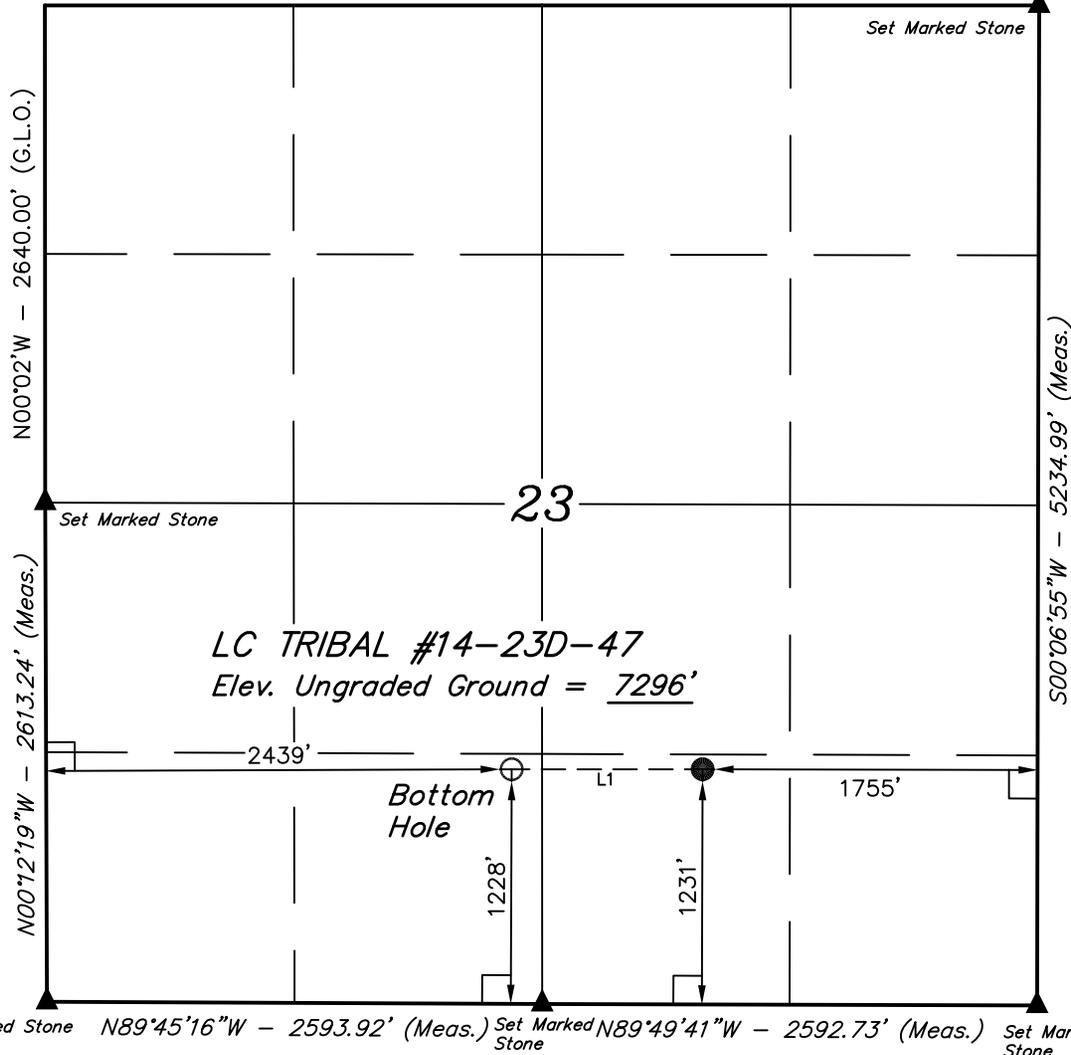
TAKEN BY: S.H.

DRAWN BY: J.J.

REV: 10-21-11 J.L.H.

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

WEST - 5269.44' (G.L.O.)



BILL BARRETT CORPORATION

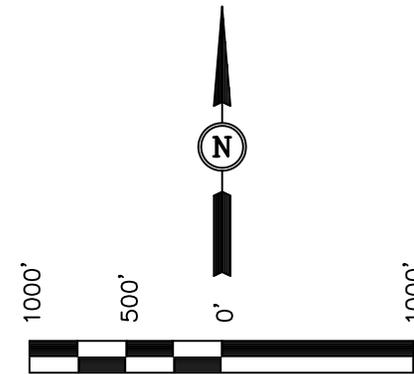
Well location, LC TRIBAL #14-23D-47, located as shown in the SW 1/4 SE 1/4 of Section 23, T4S, R7W, U.S.B.&M., Duchesne County, Utah.

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

NO. 161319
ROBERT L. KAY
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REV: 11-04-11
REV: 10-12-11

LINE TABLE		
LINE	BEARING	LENGTH
L1	WEST	1000.00'

LEGEND:

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

NAD 83 (TARGET BOTTOM HOLE)		NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°06'52.52" (40.114589)	LONGITUDE = 110°38'36.06" (110.643350)	LATITUDE = 40°06'52.55" (40.114597)	LONGITUDE = 110°38'23.19" (110.639775)
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°06'52.67" (40.114631)	LONGITUDE = 110°38'33.50" (110.642639)	LATITUDE = 40°06'52.70" (40.114639)	LONGITUDE = 110°38'20.63" (110.639064)

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

SCALE 1" = 1000'	DATE SURVEYED: 09-08-11	DATE DRAWN: 09-21-11
PARTY T.A. C.N. K.O.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE BILL BARRETT CORPORATION	

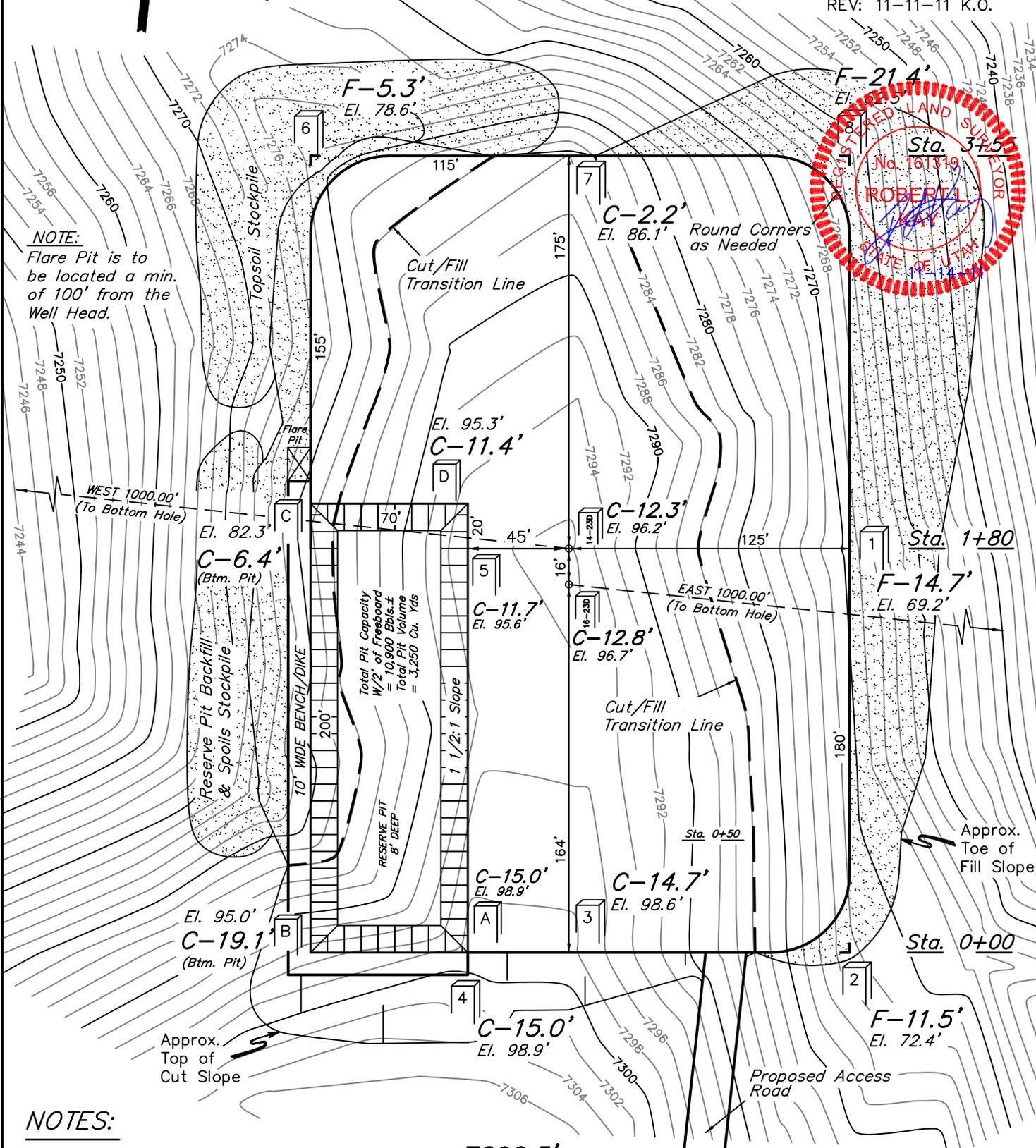
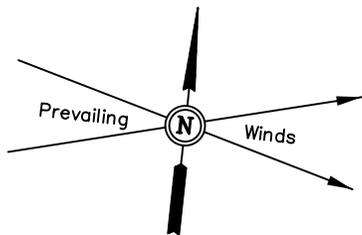
BILL BARRETT CORPORATION

LOCATION LAYOUT FOR

LC TRIBAL #14-23D-47 & #16-23D-47
SECTION 23, T4S, R7W, U.S.B.&M.
SW 1/4 SE 1/4

FIGURE #1

SCALE: 1" = 60'
DATE: 06-16-08
DRAWN BY: C.H.
REV: 09-21-11 K.O.
REV: 11-04-11 K.O.
REV: 11-11-11 K.O.



NOTES:

Elev. Ungraded Ground At #14-23D Loc. Stake = 7296.5'
FINISHED GRADE ELEV. AT #14-23D LOC. STAKE = 7283.9'

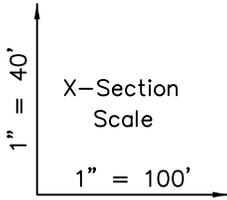
UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

BILL BARRETT CORPORATION

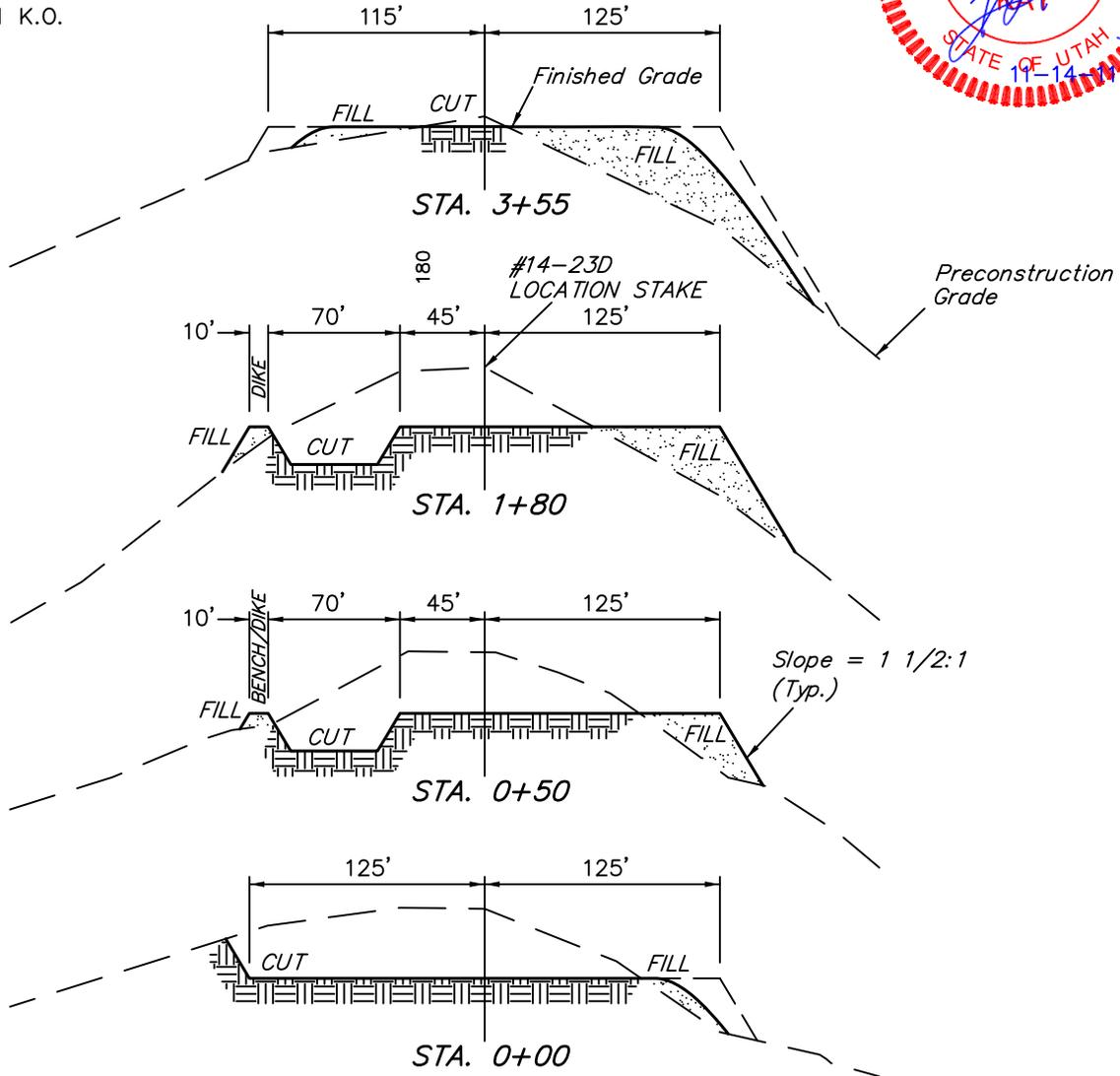
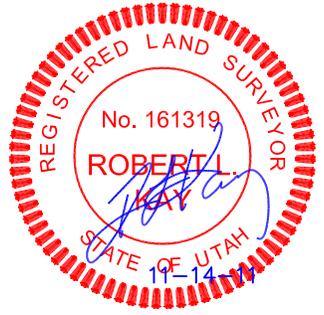
TYPICAL CROSS SECTIONS FOR

LC TRIBAL #14-23D-47 & #16-23D-47
SECTION 23, T4S, R7W, U.S.B.&M.
SW 1/4 SE 1/4

FIGURE #2



DATE: 06-16-08
DRAWN BY: C.H.
REV: 09-21-11 K.O.
REV: 11-04-11 K.O.
REV: 11-11-11 K.O.



WELL SITE DISTURBANCE = 2.696 ACRES
ACCESS ROAD DISTURBANCE = 4.238 ACRES
TOTAL = 6.934 ACRES

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

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(12") Topsoil Stripping	= 4,690 Cu. Yds.
Remaining Location	= 17,440 Cu. Yds.
TOTAL CUT	= 22,130 CU.YDS.
FILL	= 15,810 CU.YDS.

EXCESS MATERIAL	= 6,320 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 6,320 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

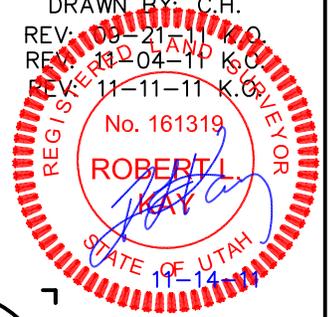
TYPICAL RIG LAYOUT FOR

LC TRIBAL #14-23D-47 & #16-23D-47
SECTION 23, T4S, R7W, U.S.B.&M.
SW 1/4 SE 1/4

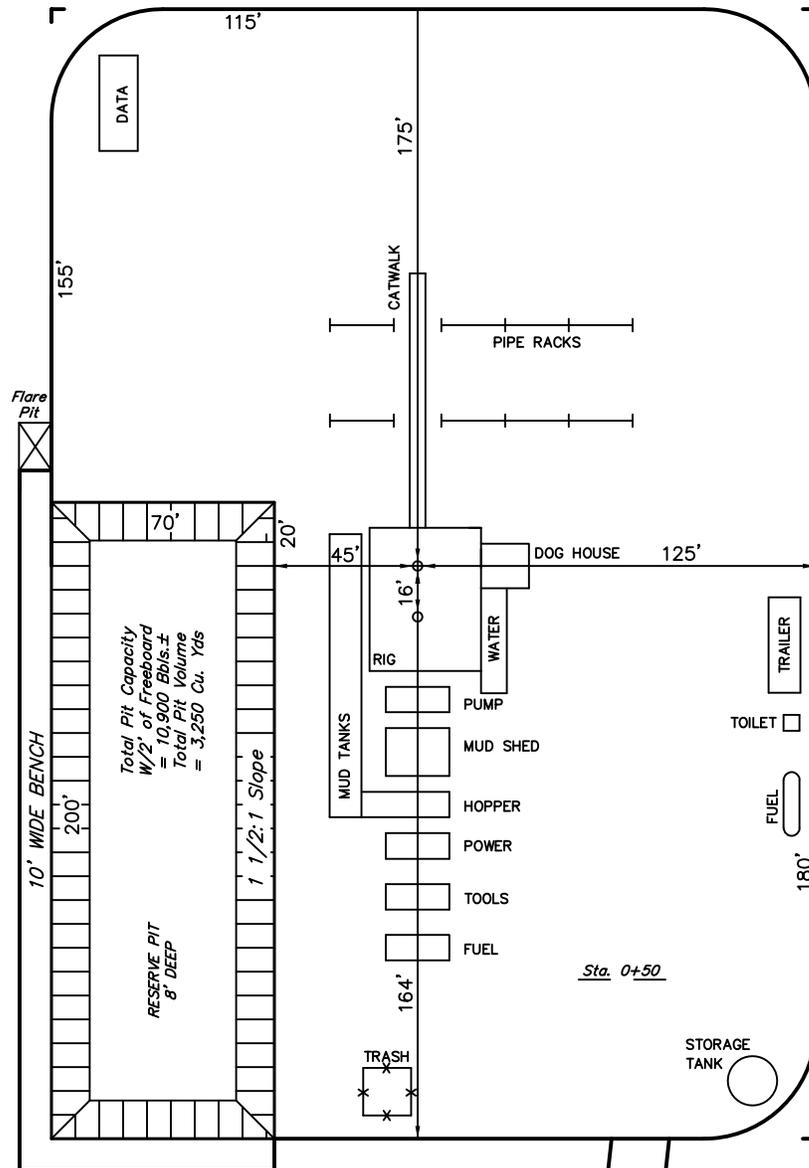
FIGURE #3

SCALE: 1" = 60'
DATE: 06-16-08
DRAWN BY: C.H.

REV: 06-21-08
REV: 07-04-11 K.S.
REV: 11-11-11 K.S.



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



Proposed Access Road

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

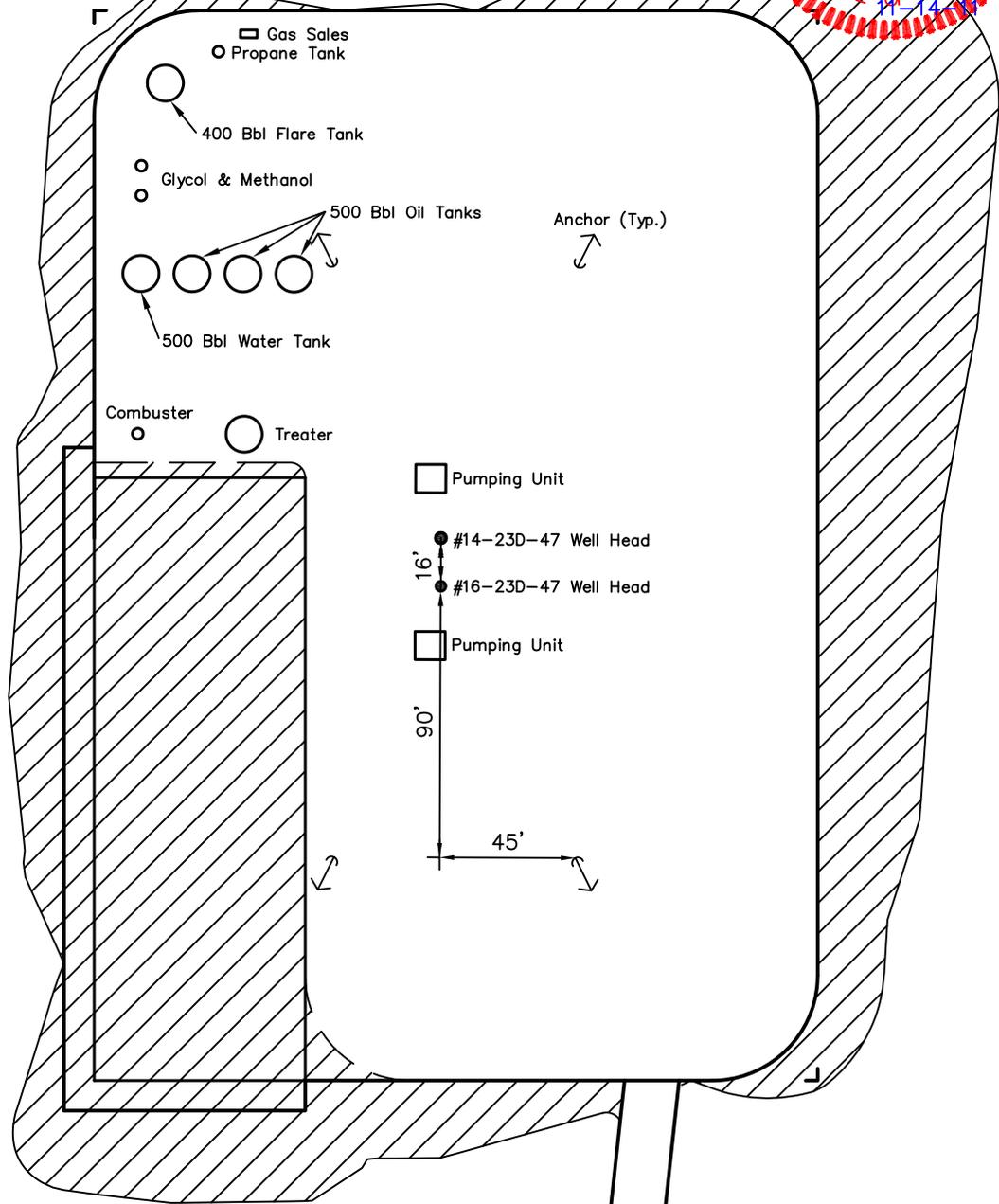
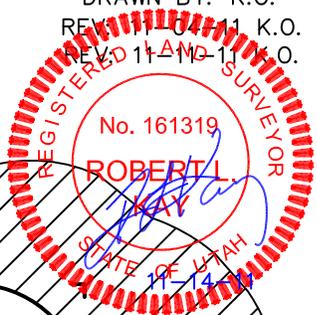
BILL BARRETT CORPORATION

INTERIM RECLAMATION PLAN FOR

LC TRIBAL #14-23D-47 & #16-23D-47
SECTION 23, T4S, R7W, U.S.B.&M.
SW 1/4 SE 1/4

FIGURE #4

SCALE: 1" = 60'
DATE: 09-21-11
DRAWN BY: K.O.
REV. 11-11-11 K.O.
REV. 11-11-11 K.O.



 INTERIM RECLAMATION

APPROXIMATE ACREAGES
UN-RECLAIMED = ± 1.602 ACRES

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

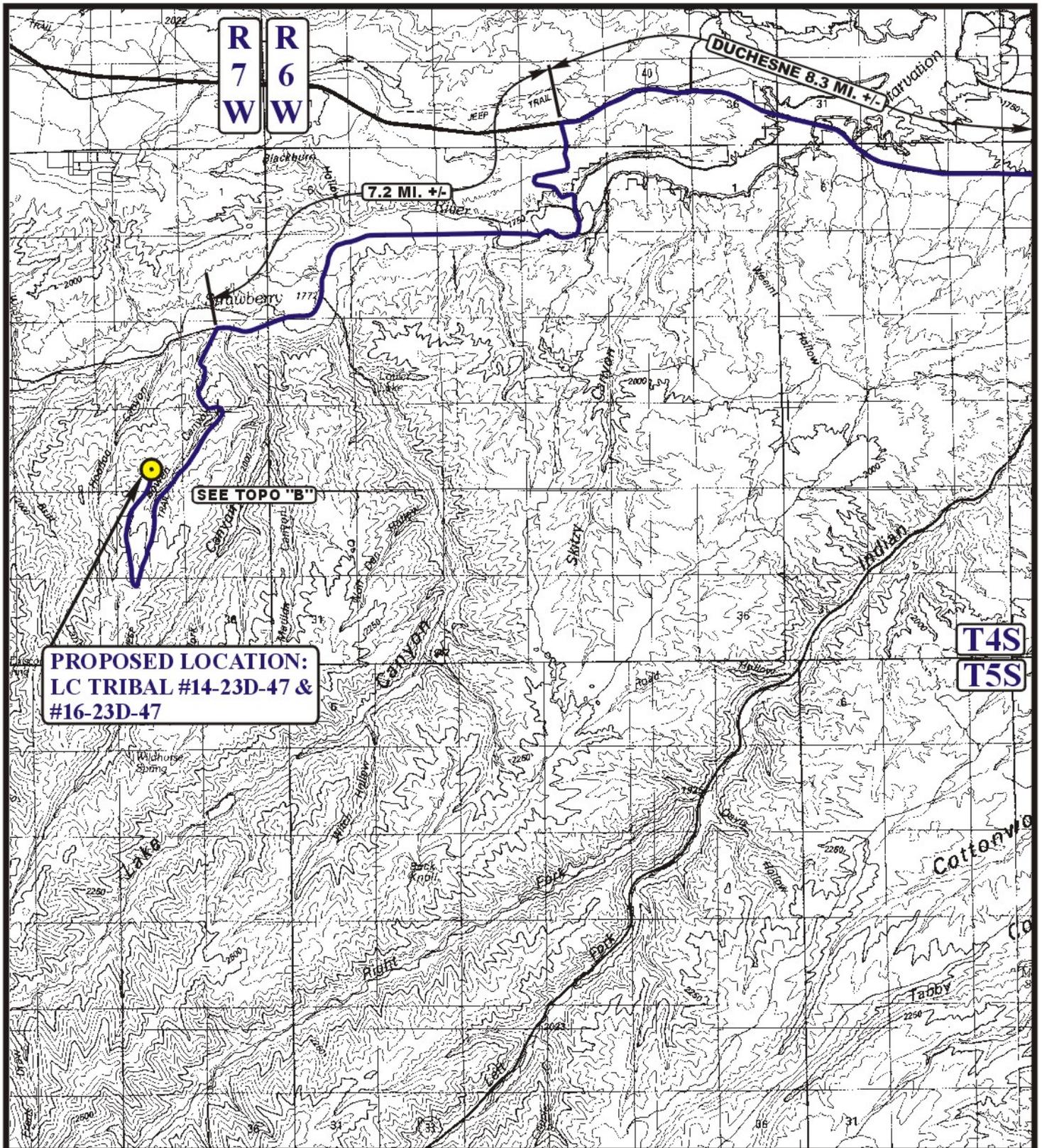
RECEIVED: Jan. 17, 2012

BILL BARRETT CORPORATION

LC TRIBAL #14-23D-47 & #16-23D-47
SECTION 23, T4S, R7W, U.S.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM DUCHESNE, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 8.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, THEN WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 7.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING 2-TRACK TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 3.5 MILES TO THE JUNCTION OF THIS ROAD AND THE PROPOSED ACCESS FOR THE #14-26-47 TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE PROPOSED ACCESS ROAD TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 1.2 MILES TO THE PROPOSED WELL LOCATION.

TOTAL DISTANCE FROM DUCHESNE, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 20.4 MILES.



LEGEND:

 PROPOSED LOCATION



BILL BARRETT CORPORATION

**LC TRIBAL #14-23D-47 & #16-23D-47
SECTION 23, T4S, R7W, U.S.B.&M.
SW 1/4 SE 1/4**



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

**ACCESS ROAD
MAP**

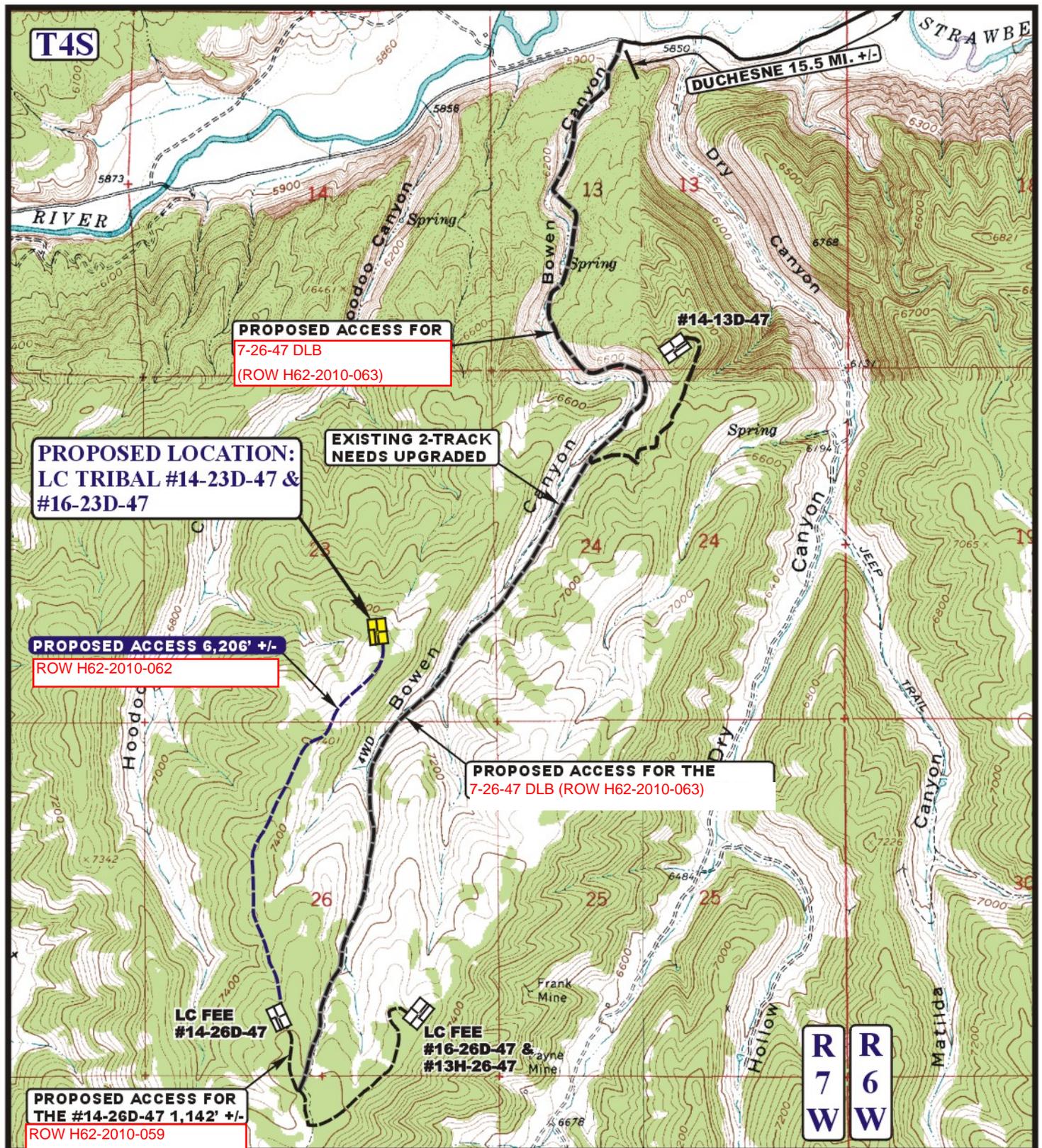
06 17 08
MONTH DAY YEAR

SCALE: 1:100,000

DRAWN BY: J.J.

REV: 10-21-11 J.L.H.





LEGEND:

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



BILL BARRETT CORPORATION

**LC TRIBAL #14-23D-47 & #16-23D-47
SECTION 23, T4S, R7W, U.S.B.&M.
SW 1/4 SE 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

06 17 08
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: J.J. REV: 10-21-11 J.L.H.

B TOPO

DRILLING PLAN

BILL BARRETT CORPORATION

14-23D-47 BTR Well Pad

SW SE, 1231' FSL and 1755' FEL, Sec. 23, T4S-R7W, USB&M (surface hole)
SE SW, 1228' FSL and 2439' FWL, Sec. 23, 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>
Lower Green River*	3,766'	3,639'
Douglas Creek	4,601'	4,439'
Black Shale	5,427'	5,264'
Castle Peak	5,652'	5,489'
Uteland Butte	5,967'	5,804'
Wasatch*	6,207'	6,044'
TD	7,412'	7,249'

*PROSPECTIVE PAY

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

Base of Useable Water = 5,299'

3. BOP and Pressure Containment Data

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 1,500'	No pressure control required
1,500' – 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	1,500'	9 5/8"	36#	J or K 55	BT&C	New
8 3/4"	Surface	TD	5 1/2"	17#	P-110	LT&C	New
NOTE: In addition, 8 3/4" hole size may change to 7 7/8" at the point the bit is changed out.							

Bill Barrett Corporation
 Drilling Program
 #14-23D-47 BTR
 Duchesne County, Utah

5. **Cementing Program**

Casing	Cementing
16" Conductor Casing	<i>Grout</i>
9 5/8" Surface Casing	<p><i>Lead</i> with approximately 190 sx Halliburton Light Premium with additives mixed at 11.0 ppg (yield = 3.16 ft³/sx) circulated to surface with 75% excess. Top of lead estimated at surface.</p> <p><i>Tail</i> with approximately 210 sx Halliburton Premium cement with additives mixed at 14.8 ppg (yield = 1.36 ft³/sx), calculated hole volume with 75% excess. Top of tail estimated at 1,000'.</p>
5 1/2" Production Casing	<p><i>Lead</i> with approximately 650 sx Tuned Light cement with additives, mixed at 11.0 ppg (yield = 2.31 ft³/sx.) . Top of lead estimated at 1,000'.</p> <p><i>Tail</i> with approximately 670 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft³/sx). Top of tail estimated at 4,927'.</p>

6. **Mud Program**

Interval	Weight	Viscosity	Fluid Loss (API filtrate)	Remarks
0' – 80'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
80' – 1,500'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
1,500' – TD	8.6 – 9.7	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.

Bill Barrett Corporation
Drilling Program
#14-23D-47 BTR
Duchesne County, Utah

8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 3656 psi* and maximum anticipated surface pressure equals approximately 2062 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)

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
- d) 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.

11. Drilling Schedule

Location Construction: March 2012
Spud: March 2012
Duration: 15 days drilling time
45 days completion time



Bill Barrett Corporation

LAKE CANYON & BLACK TAIL RIDGE CEMENT VOLUMES

Well Name: LC Tribal 14-23D-47

Surface Hole Data:

Total Depth:	1,500'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

Calculated Data:

Lead Volume:	548.1	ft ³
Lead Fill:	1,000'	
Tail Volume:	274.0	ft ³
Tail Fill:	500'	

Cement Data:

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

Calculated # of Sacks:

# SK's Lead:	190
--------------	-----

Tail Yield:	1.36	ft ³ /sk
% Excess:	75%	
Top of Tail:	1,000'	

# SK's Tail:	210
--------------	-----

Production Hole Data:

Total Depth:	7,412'
Top of Cement:	1,000'
Top of Tail:	4,927'
OD of Hole:	8.750"
OD of Casing:	5.500"

Calculated Data:

Lead Volume:	1487.9	ft ³
Lead Fill:	3,927'	
Tail Volume:	941.6	ft ³
Tail Fill:	2,485'	

Cement Data:

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

Calculated # of Sacks:

# SK's Lead:	650
# SK's Tail:	670

LC Tribal 14-23D-47 Proposed Cementing Program

<u>Job Recommendation</u>	<u>Surface Casing</u>
Lead Cement - (1000' - 0')	
Halliburton Light Premium	Fluid Weight: 11.0 lbm/gal
5.0 lbm/sk Silicalite Compacted	Slurry Yield: 3.16 ft ³ /sk
0.25 lbm/sk Kwik Seal	Total Mixing Fluid: 19.48 Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid: 0'
2.0% Bentonite	Calculated Fill: 1,000'
	Volume: 97.61 bbl
	Proposed Sacks: 190 sks
Tail Cement - (TD - 1000')	
Premium Cement	Fluid Weight: 14.8 lbm/gal
2.0% Calcium Chloride	Slurry Yield: 1.36 ft ³ /sk
	Total Mixing Fluid: 6.37 Gal/sk
	Top of Fluid: 1,000'
	Calculated Fill: 500'
	Volume: 48.80 bbl
	Proposed Sacks: 210 sks

<u>Job Recommendation</u>	<u>Production Casing</u>
Lead Cement - (4927' - 1000')	
Tuned Light™ System	Fluid Weight: 11.0 lbm/gal
	Slurry Yield: 2.31 ft ³ /sk
	Total Mixing Fluid: 10.65 Gal/sk
	Top of Fluid: 1,000'
	Calculated Fill: 3,927'
	Volume: 264.99 bbl
	Proposed Sacks: 650 sks
Tail Cement - (7412' - 4927')	
Econocem™ System	Fluid Weight: 13.5 lbm/gal
0.125 lbm/sk Poly-E-Flake	Slurry Yield: 1.42 ft ³ /sk
1.0 lbm/sk Granulite TR 1/4	Total Mixing Fluid: 6.61 Gal/sk
	Top of Fluid: 4,927'
	Calculated Fill: 2,485'
	Volume: 167.70 bbl
	Proposed Sacks: 670 sks

PRESSURE CONTROL EQUIPMENT – Schematic Attached

A. Type: Eleven (11) Inch Double Gate Hydraulic BOP with Eleven (11) Inch Annular Preventer. The blow out preventer will be equipped as follows:

1. One (1) blind ram (above).
2. One (1) pipe ram (below).
3. Drilling spool with two (2) side outlets (choke side 3-inch minimum, kill side 2-inch minimum).
4. 3-inch diameter choke line.
5. Two (2) choke line valves (3-inch minimum).
6. Kill line (2-inch minimum).
7. Two (2) chokes with one (1) remotely controlled from the rig floor.
8. Two (2) kill line valves, and a check valve (2-inch minimum).
9. Upper and lower kelly cock valves with handles available.
10. Safety valve(s) & subs to fit all drill string connections in use.
11. Inside BOP or float sub available.
12. Pressure gauge on choke manifold.
13. Fill-up line above the uppermost preventer.

B. Pressure Rating: 5,000 psi

C. Testing Procedure:

Annular Preventer

At a minimum, the Annular Preventer will be pressure tested to 50% of the rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum the above pressure test will be performed:

1. When the annular preventer is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition, the Annular Preventer will be functionally operated at least weekly.

Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be

maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

1. When the BOP is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

D. Choke Manifold Equipment:

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

E. Accumulator:

The accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (if so equipped), close all rams plus the annular preventer, and retain a minimum of 200 psi above precharge on the closing manifold without the use of closing unit pumps. The fluid reservoir capacity will be double the usable fluid volume of the accumulator system capacity and the fluid level of the reservoir will be maintained at the manufacturer's recommendations.

The BOP system will have two (2) independent power sources to close the preventers. Nitrogen bottles (3 minimum) will be one (1) of these independent power sources and will maintain a charge equal to the manufacturer's specifications.

The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in the *Onshore Oil & Gas Order Number 2*.

A manual locking device (i.e. hand wheels) or automatic locking device will be installed on all systems of 2M or greater. A valve will be installed in the closing line as close as possible to the annular preventer to act as a locking device. This valve will be maintained in the open position and will be closed only when the power source for the accumulator is inoperative.

Remote controls shall be readily accessible to the driller. Remote controls for all 3M or greater systems will be capable of closing all preventers. Remote controls for 5M or greater systems will be capable of both opening and closing all preventers. Master controls will be at the accumulator and will be capable of opening and closing all preventers and the choke line valve (if so equipped).

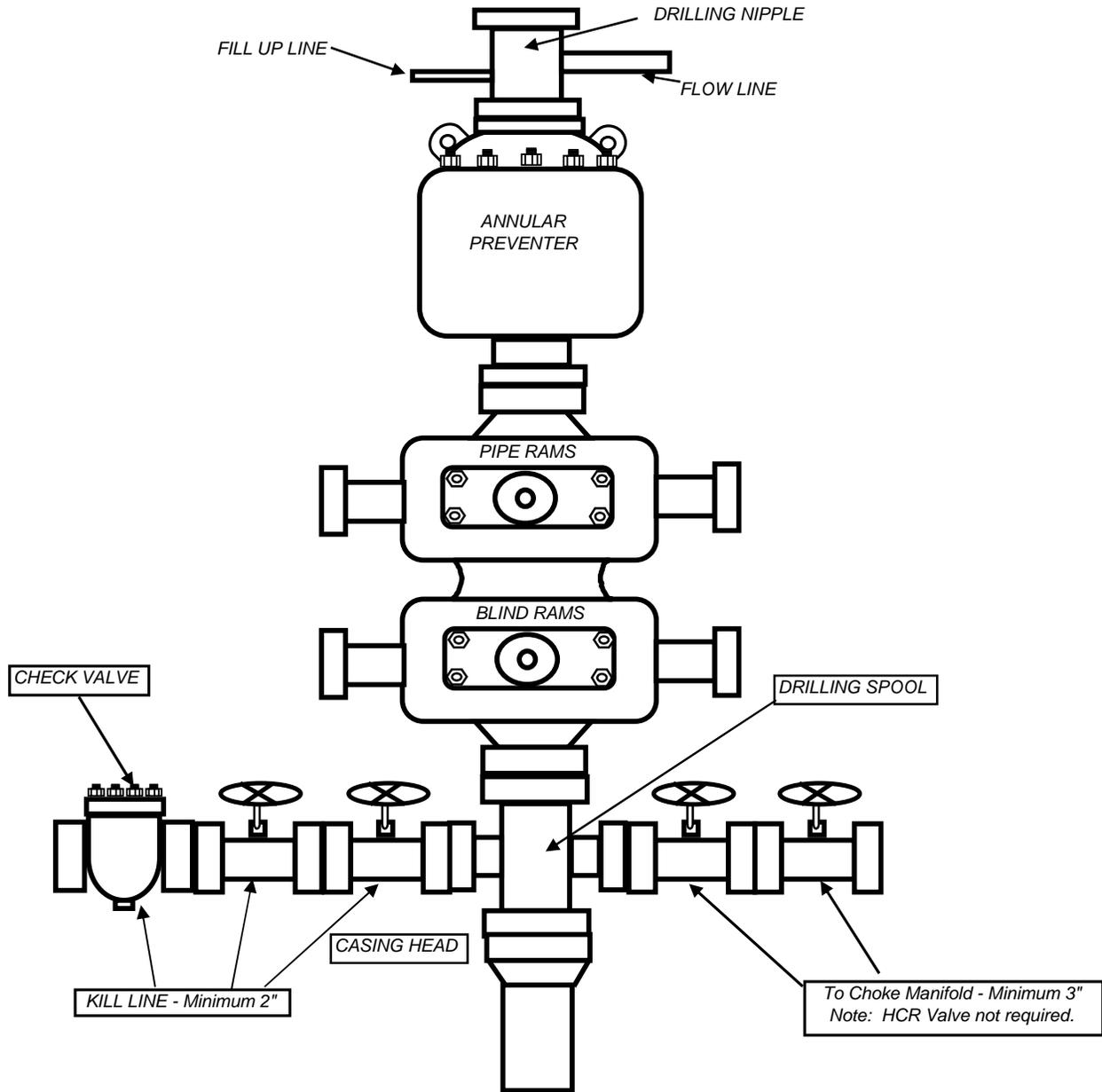
F. Miscellaneous Information:

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2*. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.

BILL BARRETT CORPORATION

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





Lake Canyon

Site Centre Latitude: 40° 6' 52.700 N
Longitude: 110° 38' 20.630 W

Positional Uncertainty: 0.0
Convergence: 0.55
Local North: True

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

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
14-23D LC 3PT MKR	4839.0	-2.9	-999.8	40° 6' 52.672 N	110° 38' 33.500 W	Rectangle (Sides: L200.0 W200.0)
14-23D LC PBHL	7249.0	-2.9	-999.8	40° 6' 52.672 N	110° 38' 33.500 W	Rectangle (Sides: L200.0 W200.0)

FORMATION TOP DETAILS

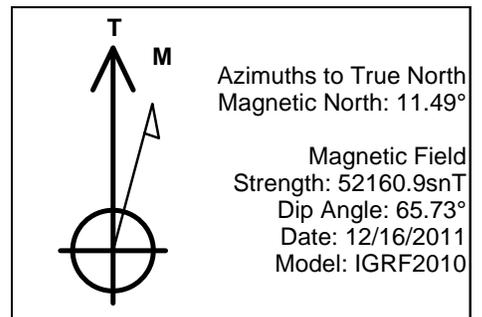
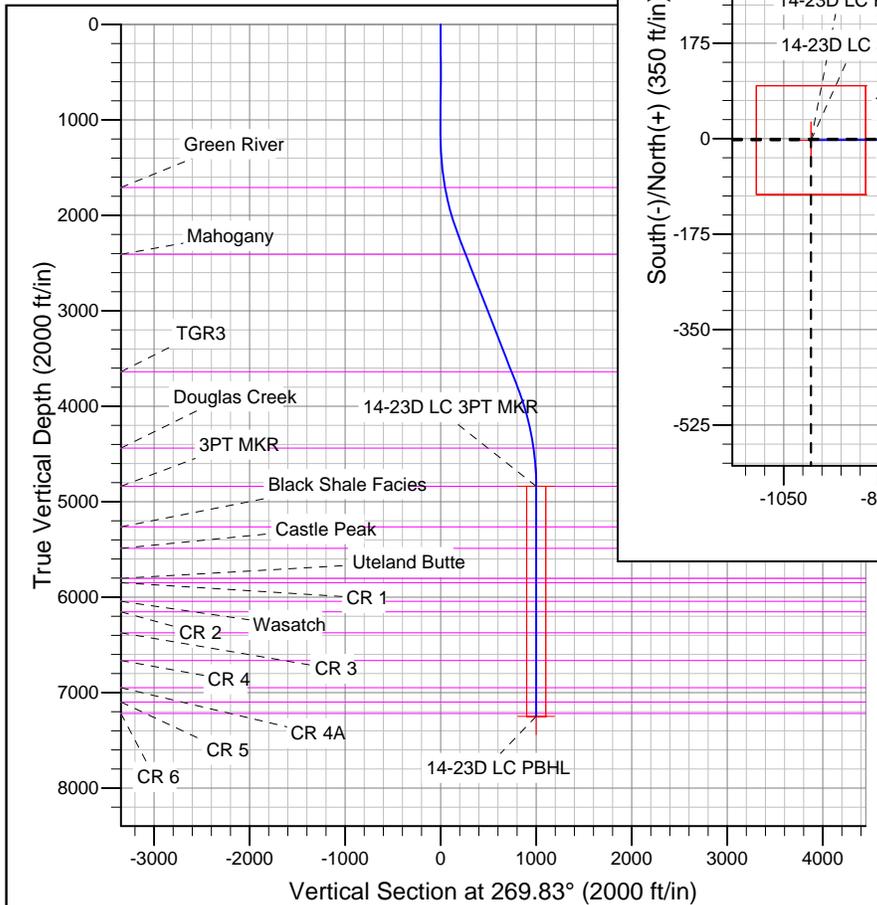
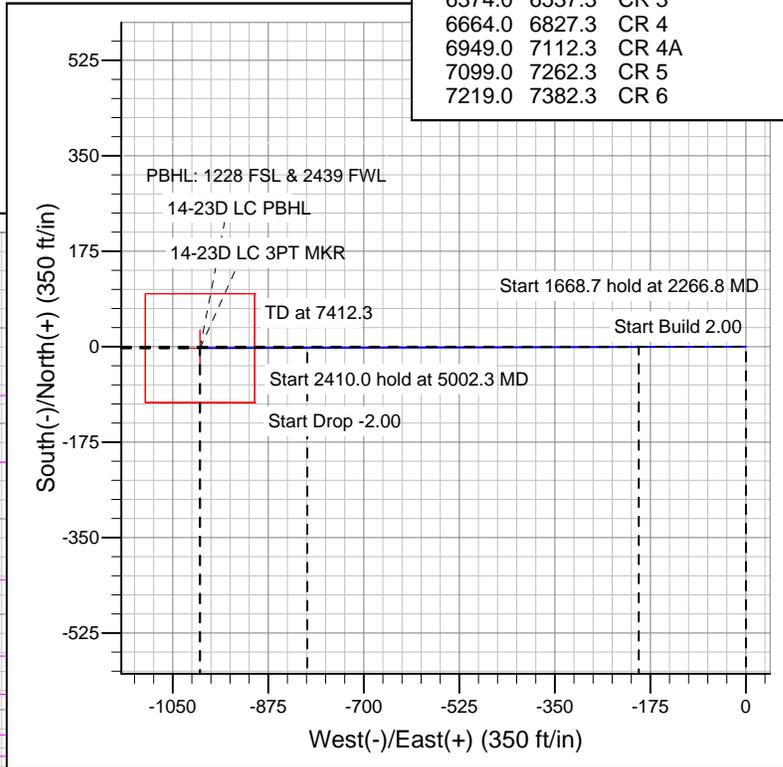
TVDPath	MDPath	Formation
1709.0	1711.7	Green River
2409.0	2445.8	Mahogany
3639.0	3766.3	TGR3
4439.0	4601.0	Douglas Creek
4839.0	5002.3	3PT MKR
5264.0	5427.3	Black Shale Facies
5489.0	5652.3	Castle Peak
5804.0	5967.3	Uteland Butte
5849.0	6012.3	CR 1
6044.0	6207.3	Wasatch
6154.0	6317.3	CR 2
6374.0	6537.3	CR 3
6664.0	6827.3	CR 4
6949.0	7112.3	CR 4A
7099.0	7262.3	CR 5
7219.0	7382.3	CR 6

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	1200.0	0.00	0.00	1200.0	0.0	0.0	0.00	0.00	0.0	
3	2266.8	21.34	269.83	2242.3	-0.6	-196.4	2.00	269.83	196.4	
4	3935.5	21.34	269.83	3796.7	-2.3	-803.5	0.00	0.00	803.5	
5	5002.3	0.00	0.00	4839.0	-2.9	-999.8	2.00	180.00	999.8	14-23D LC 3PT MKR
6	7412.3	0.00	0.00	7249.0	-2.9	-999.8	0.00	0.00	999.8	14-23D LC PBHL

CASING DETAILS

No casing data is available



Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well 14-23D-47 LC Tribal
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 7312.0ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT (NAD 27)	MD Reference:	KB @ 7312.0ft (Original Well Elev)
Site:	14-23D-47 LC Tribal	North Reference:	True
Well:	14-23D-47 LC Tribal	Survey Calculation Method:	Minimum Curvature
Wellbore:	14-23D-47 LC Tribal		
Design:	Design #1		

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

Site	14-23D-47 LC Tribal				
Site Position:		Northing:	649,961.24 ft	Latitude:	40° 6' 52.700 N
From:	Lat/Long	Easting:	2,240,779.70 ft	Longitude:	110° 38' 20.630 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.55 °

Well	14-23D-47 LC Tribal					
Well Position	+N/-S	0.0 ft	Northing:	649,961.24 ft	Latitude:	40° 6' 52.700 N
	+E/-W	0.0 ft	Easting:	2,240,779.70 ft	Longitude:	110° 38' 20.630 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	7,296.0 ft

Wellbore	14-23D-47 LC Tribal				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	12/16/2011	11.49	65.73	52,161

Design	Design #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	269.83

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,266.8	21.34	269.83	2,242.3	-0.6	-196.4	2.00	2.00	0.00	269.83	
3,935.5	21.34	269.83	3,796.7	-2.3	-803.5	0.00	0.00	0.00	0.00	
5,002.3	0.00	0.00	4,839.0	-2.9	-999.8	2.00	-2.00	0.00	180.00	14-23D LC 3PT MKR
7,412.3	0.00	0.00	7,249.0	-2.9	-999.8	0.00	0.00	0.00	0.00	14-23D LC PBHL

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well 14-23D-47 LC Tribal
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 7312.0ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT (NAD 27)	MD Reference:	KB @ 7312.0ft (Original Well Elev)
Site:	14-23D-47 LC Tribal	North Reference:	True
Well:	14-23D-47 LC Tribal	Survey Calculation Method:	Minimum Curvature
Wellbore:	14-23D-47 LC Tribal		
Design:	Design #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	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	2.00	269.83	1,300.0	0.0	-1.7	1.7	2.00	2.00	0.00
1,400.0	4.00	269.83	1,399.8	0.0	-7.0	7.0	2.00	2.00	0.00
1,500.0	6.00	269.83	1,499.5	0.0	-15.7	15.7	2.00	2.00	0.00
1,600.0	8.00	269.83	1,598.7	-0.1	-27.9	27.9	2.00	2.00	0.00
1,700.0	10.00	269.83	1,697.5	-0.1	-43.5	43.5	2.00	2.00	0.00
1,711.7	10.23	269.83	1,709.0	-0.1	-45.6	45.6	2.00	2.00	0.00
Green River									
1,800.0	12.00	269.83	1,795.6	-0.2	-62.6	62.6	2.00	2.00	0.00
1,900.0	14.00	269.83	1,893.1	-0.2	-85.1	85.1	2.00	2.00	0.00
2,000.0	16.00	269.83	1,989.6	-0.3	-111.0	111.0	2.00	2.00	0.00
2,100.0	18.00	269.83	2,085.3	-0.4	-140.2	140.2	2.00	2.00	0.00
2,200.0	20.00	269.83	2,179.8	-0.5	-172.8	172.8	2.00	2.00	0.00
2,266.8	21.34	269.83	2,242.3	-0.6	-196.4	196.4	2.00	2.00	0.00
2,300.0	21.34	269.83	2,273.2	-0.6	-208.4	208.4	0.00	0.00	0.00
2,400.0	21.34	269.83	2,366.4	-0.7	-244.8	244.8	0.00	0.00	0.00
2,445.8	21.34	269.83	2,409.0	-0.8	-261.5	261.5	0.00	0.00	0.00
Mahogany									
2,500.0	21.34	269.83	2,459.5	-0.8	-281.2	281.2	0.00	0.00	0.00
2,600.0	21.34	269.83	2,552.7	-0.9	-317.6	317.6	0.00	0.00	0.00
2,700.0	21.34	269.83	2,645.8	-1.0	-354.0	354.0	0.00	0.00	0.00
2,800.0	21.34	269.83	2,739.0	-1.1	-390.3	390.3	0.00	0.00	0.00
2,900.0	21.34	269.83	2,832.1	-1.2	-426.7	426.7	0.00	0.00	0.00
3,000.0	21.34	269.83	2,925.3	-1.3	-463.1	463.1	0.00	0.00	0.00
3,100.0	21.34	269.83	3,018.4	-1.4	-499.5	499.5	0.00	0.00	0.00
3,200.0	21.34	269.83	3,111.6	-1.5	-535.9	535.9	0.00	0.00	0.00
3,300.0	21.34	269.83	3,204.7	-1.7	-572.3	572.3	0.00	0.00	0.00
3,400.0	21.34	269.83	3,297.8	-1.8	-608.6	608.7	0.00	0.00	0.00
3,500.0	21.34	269.83	3,391.0	-1.9	-645.0	645.0	0.00	0.00	0.00
3,600.0	21.34	269.83	3,484.1	-2.0	-681.4	681.4	0.00	0.00	0.00
3,700.0	21.34	269.83	3,577.3	-2.1	-717.8	717.8	0.00	0.00	0.00
3,766.3	21.34	269.83	3,639.0	-2.1	-741.9	741.9	0.00	0.00	0.00
TGR3									
3,800.0	21.34	269.83	3,670.4	-2.2	-754.2	754.2	0.00	0.00	0.00
3,900.0	21.34	269.83	3,763.6	-2.3	-790.6	790.6	0.00	0.00	0.00
3,935.5	21.34	269.83	3,796.7	-2.3	-803.5	803.5	0.00	0.00	0.00
4,000.0	20.05	269.83	3,857.0	-2.4	-826.3	826.3	2.00	-2.00	0.00
4,100.0	18.05	269.83	3,951.5	-2.5	-858.9	858.9	2.00	-2.00	0.00
4,200.0	16.05	269.83	4,047.1	-2.6	-888.2	888.2	2.00	-2.00	0.00
4,300.0	14.05	269.83	4,143.7	-2.6	-914.2	914.2	2.00	-2.00	0.00
4,400.0	12.05	269.83	4,241.1	-2.7	-936.8	936.8	2.00	-2.00	0.00

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well 14-23D-47 LC Tribal
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 7312.0ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT (NAD 27)	MD Reference:	KB @ 7312.0ft (Original Well Elev)
Site:	14-23D-47 LC Tribal	North Reference:	True
Well:	14-23D-47 LC Tribal	Survey Calculation Method:	Minimum Curvature
Wellbore:	14-23D-47 LC Tribal		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,500.0	10.05	269.83	4,339.2	-2.8	-955.9	955.9	2.00	-2.00	0.00
4,600.0	8.05	269.83	4,438.0	-2.8	-971.6	971.6	2.00	-2.00	0.00
4,601.0	8.03	269.83	4,439.0	-2.8	-971.8	971.8	2.00	-2.00	0.00
Douglas Creek									
4,700.0	6.05	269.83	4,537.2	-2.8	-983.9	983.9	2.00	-2.00	0.00
4,800.0	4.05	269.83	4,636.8	-2.9	-992.7	992.7	2.00	-2.00	0.00
4,900.0	2.05	269.83	4,736.7	-2.9	-998.0	998.0	2.00	-2.00	0.00
5,000.0	0.05	269.83	4,836.7	-2.9	-999.8	999.8	2.00	-2.00	0.00
5,002.3	0.00	0.00	4,839.0	-2.9	-999.8	999.8	2.00	-2.00	3,845.00
3PT MKR - 14-23D LC 3PT MKR									
5,100.0	0.00	0.00	4,936.7	-2.9	-999.8	999.8	0.00	0.00	0.00
5,200.0	0.00	0.00	5,036.7	-2.9	-999.8	999.8	0.00	0.00	0.00
5,300.0	0.00	0.00	5,136.7	-2.9	-999.8	999.8	0.00	0.00	0.00
5,400.0	0.00	0.00	5,236.7	-2.9	-999.8	999.8	0.00	0.00	0.00
5,427.3	0.00	0.00	5,264.0	-2.9	-999.8	999.8	0.00	0.00	0.00
Black Shale Facies									
5,500.0	0.00	0.00	5,336.7	-2.9	-999.8	999.8	0.00	0.00	0.00
5,600.0	0.00	0.00	5,436.7	-2.9	-999.8	999.8	0.00	0.00	0.00
5,652.3	0.00	0.00	5,489.0	-2.9	-999.8	999.8	0.00	0.00	0.00
Castle Peak									
5,700.0	0.00	0.00	5,536.7	-2.9	-999.8	999.8	0.00	0.00	0.00
5,800.0	0.00	0.00	5,636.7	-2.9	-999.8	999.8	0.00	0.00	0.00
5,900.0	0.00	0.00	5,736.7	-2.9	-999.8	999.8	0.00	0.00	0.00
5,967.3	0.00	0.00	5,804.0	-2.9	-999.8	999.8	0.00	0.00	0.00
Uteland Butte									
6,000.0	0.00	0.00	5,836.7	-2.9	-999.8	999.8	0.00	0.00	0.00
6,012.3	0.00	0.00	5,849.0	-2.9	-999.8	999.8	0.00	0.00	0.00
CR 1									
6,100.0	0.00	0.00	5,936.7	-2.9	-999.8	999.8	0.00	0.00	0.00
6,200.0	0.00	0.00	6,036.7	-2.9	-999.8	999.8	0.00	0.00	0.00
6,207.3	0.00	0.00	6,044.0	-2.9	-999.8	999.8	0.00	0.00	0.00
Wasatch									
6,300.0	0.00	0.00	6,136.7	-2.9	-999.8	999.8	0.00	0.00	0.00
6,317.3	0.00	0.00	6,154.0	-2.9	-999.8	999.8	0.00	0.00	0.00
CR 2									
6,400.0	0.00	0.00	6,236.7	-2.9	-999.8	999.8	0.00	0.00	0.00
6,500.0	0.00	0.00	6,336.7	-2.9	-999.8	999.8	0.00	0.00	0.00
6,537.3	0.00	0.00	6,374.0	-2.9	-999.8	999.8	0.00	0.00	0.00
CR 3									
6,600.0	0.00	0.00	6,436.7	-2.9	-999.8	999.8	0.00	0.00	0.00
6,700.0	0.00	0.00	6,536.7	-2.9	-999.8	999.8	0.00	0.00	0.00
6,800.0	0.00	0.00	6,636.7	-2.9	-999.8	999.8	0.00	0.00	0.00
6,827.3	0.00	0.00	6,664.0	-2.9	-999.8	999.8	0.00	0.00	0.00
CR 4									
6,900.0	0.00	0.00	6,736.7	-2.9	-999.8	999.8	0.00	0.00	0.00
7,000.0	0.00	0.00	6,836.7	-2.9	-999.8	999.8	0.00	0.00	0.00
7,100.0	0.00	0.00	6,936.7	-2.9	-999.8	999.8	0.00	0.00	0.00
7,112.3	0.00	0.00	6,949.0	-2.9	-999.8	999.8	0.00	0.00	0.00
CR 4A									
7,200.0	0.00	0.00	7,036.7	-2.9	-999.8	999.8	0.00	0.00	0.00
7,262.3	0.00	0.00	7,099.0	-2.9	-999.8	999.8	0.00	0.00	0.00
CR 5									

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well 14-23D-47 LC Tribal
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 7312.0ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT (NAD 27)	MD Reference:	KB @ 7312.0ft (Original Well Elev)
Site:	14-23D-47 LC Tribal	North Reference:	True
Well:	14-23D-47 LC Tribal	Survey Calculation Method:	Minimum Curvature
Wellbore:	14-23D-47 LC Tribal		
Design:	Design #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
7,300.0	0.00	0.00	7,136.7	-2.9	-999.8	999.8	0.00	0.00	0.00
7,382.3	0.00	0.00	7,219.0	-2.9	-999.8	999.8	0.00	0.00	0.00
CR 6									
7,400.0	0.00	0.00	7,236.7	-2.9	-999.8	999.8	0.00	0.00	0.00
7,412.3	0.00	0.00	7,249.0	-2.9	-999.8	999.8	0.00	0.00	0.00
14-23D LC PBHL									

Formations					
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,711.7	1,709.0	Green River		0.00	
2,445.8	2,409.0	Mahogany		0.00	
3,766.3	3,639.0	TGR3		0.00	
4,601.0	4,439.0	Douglas Creek		0.00	
5,002.3	4,839.0	3PT MKR		0.00	
5,427.3	5,264.0	Black Shale Facies		0.00	
5,652.3	5,489.0	Castle Peak		0.00	
5,967.3	5,804.0	Uteland Butte		0.00	
6,012.3	5,849.0	CR 1		0.00	
6,207.3	6,044.0	Wasatch		0.00	
6,317.3	6,154.0	CR 2		0.00	
6,537.3	6,374.0	CR 3		0.00	
6,827.3	6,664.0	CR 4		0.00	
7,112.3	6,949.0	CR 4A		0.00	
7,262.3	7,099.0	CR 5		0.00	
7,382.3	7,219.0	CR 6		0.00	



January 17, 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: Directional Drilling R649-3-11
LC Tribal #14-23D-47
Section 23, T4S-R7W, U.S.B.&M.
Duchesne County, Utah

Surface Hole Location: 1231' FSL & 1755' FEL, SWSE, Sec. 23-T4S-R7W, USB&M
Bottom Hole Location: 1228' FSL & 2439' FWL, SESW, Sec. 23-T4S-R7W, USB&M

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,

BILL BARRETT CORPORATION

A handwritten signature in blue ink that reads 'Venusia Jangmackey for David Watts'. The signature is written over the printed name 'David Watts'.

David Watts
Landman

1099 18TH STREET
SUITE 2300
DENVER, CO 80202
P 303.293.9100
F 303.291.0420

BILL BARRETT CORPORATION
LC TRIBAL #14-23D-47 & #16-23D-47
LOCATED IN DUCHESNE COUNTY, UTAH
SECTION 23, T4S, R7W, U.S.B.&M.



PHOTO: VIEW FROM PIT D TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017

LOCATION PHOTOS

06 17 08
MONTH DAY YEAR

PHOTO

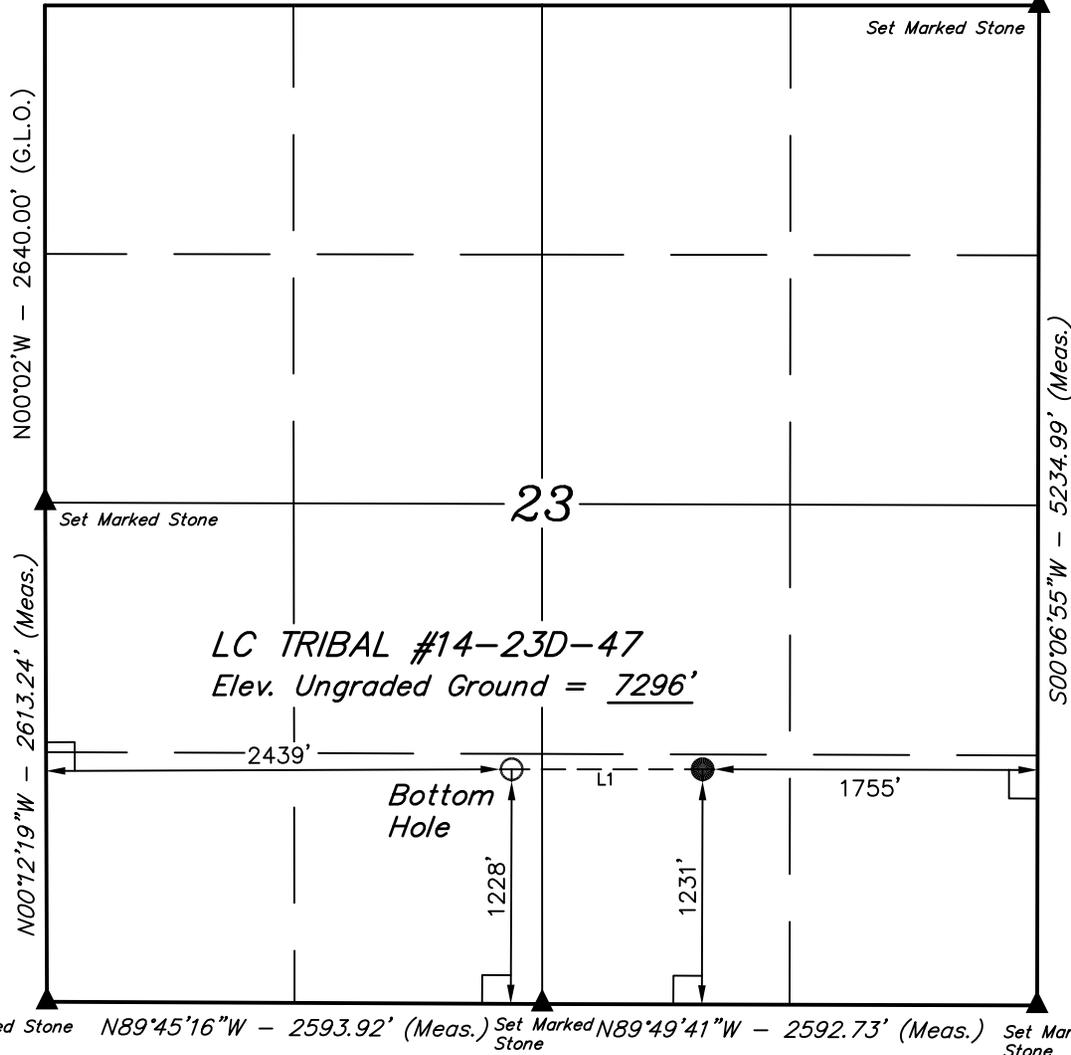
TAKEN BY: S.H.

DRAWN BY: J.J.

REV: 10-21-11 J.L.H.

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

WEST - 5269.44' (G.L.O.)



BILL BARRETT CORPORATION

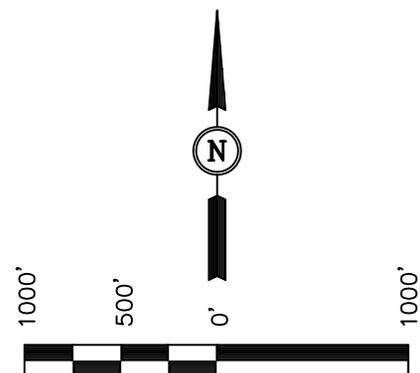
Well location, LC TRIBAL #14-23D-47, located as shown in the SW 1/4 SE 1/4 of Section 23, T4S, R7W, U.S.B.&M., Duchesne County, Utah.

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

NO. 161319
ROBERT L. KAY
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REV: 11-04-11
REV: 10-12-11

LINE TABLE		
LINE	BEARING	LENGTH
L1	WEST	1000.00'

NAD 83 (TARGET BOTTOM HOLE)		NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°06'52.52" (40.114589)	LONGITUDE = 110°38'36.06" (110.643350)	LATITUDE = 40°06'52.55" (40.114597)	LONGITUDE = 110°38'23.19" (110.639775)
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°06'52.67" (40.114631)	LONGITUDE = 110°38'33.50" (110.642639)	LATITUDE = 40°06'52.70" (40.114639)	LONGITUDE = 110°38'20.63" (110.639064)

- LEGEND:**
- └─┘ = 90° SYMBOL
 - = PROPOSED WELL HEAD.
 - ▲ = SECTION CORNERS LOCATED.

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

SCALE 1" = 1000'	DATE SURVEYED: 09-08-11	DATE DRAWN: 09-21-11
PARTY T.A. C.N. K.O.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE BILL BARRETT CORPORATION	

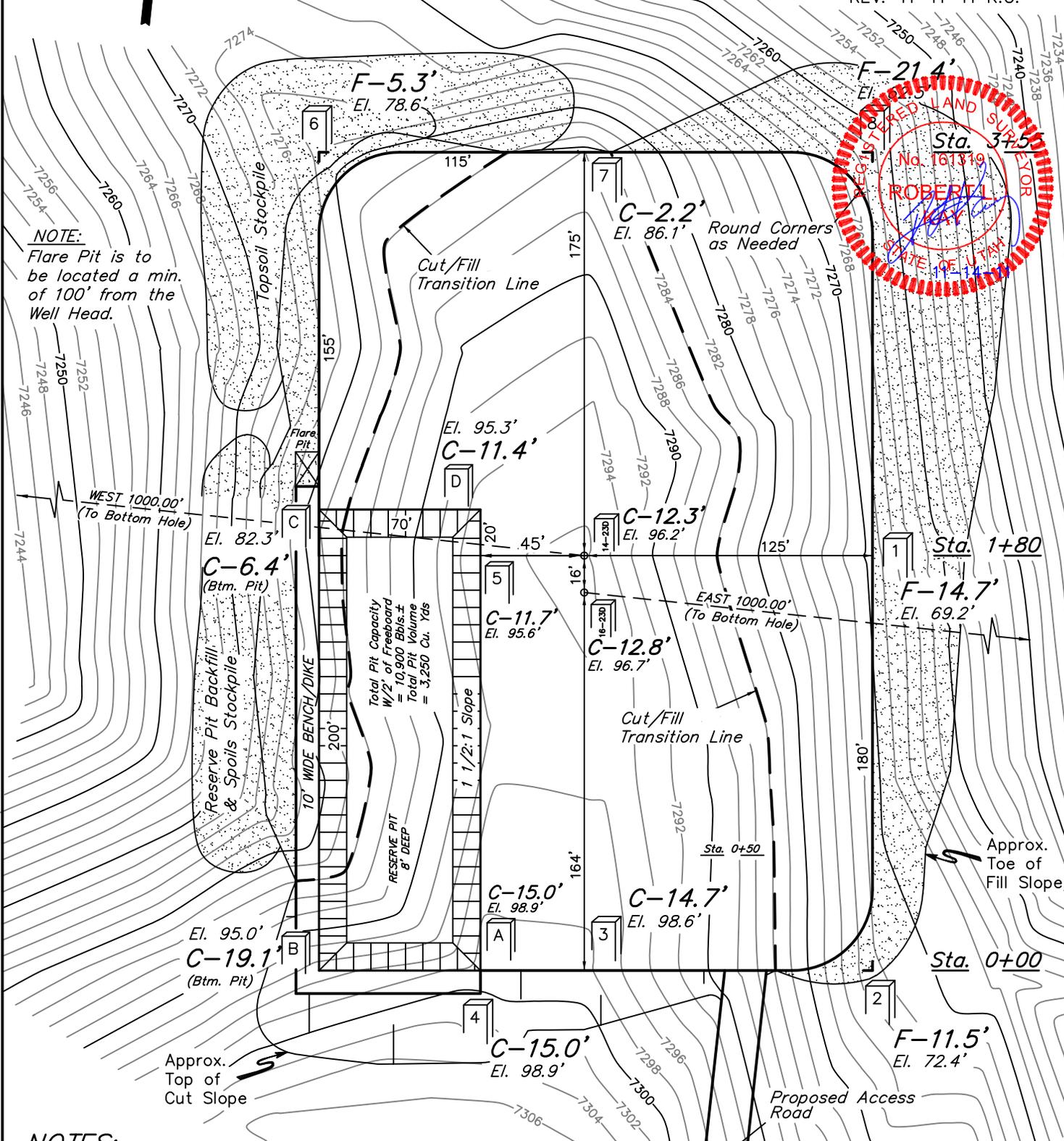
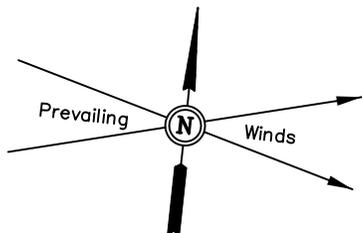
BILL BARRETT CORPORATION

LOCATION LAYOUT FOR

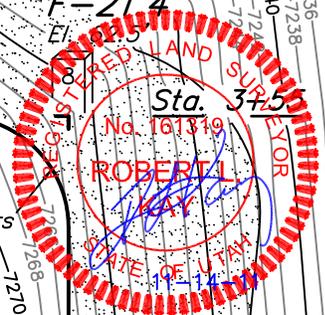
LC TRIBAL #14-23D-47 & #16-23D-47
SECTION 23, T4S, R7W, U.S.B.&M.
SW 1/4 SE 1/4

FIGURE #1

SCALE: 1" = 60'
DATE: 06-16-08
DRAWN BY: C.H.
REV: 09-21-11 K.O.
REV: 11-04-11 K.O.
REV: 11-11-11 K.O.



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



NOTES:

Elev. Ungraded Ground At #14-23D Loc. Stake = 7296.5'
FINISHED GRADE ELEV. AT #14-23D LOC. STAKE = 7283.9'

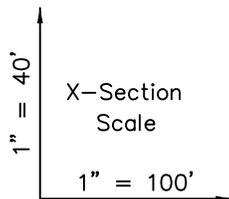
UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

BILL BARRETT CORPORATION

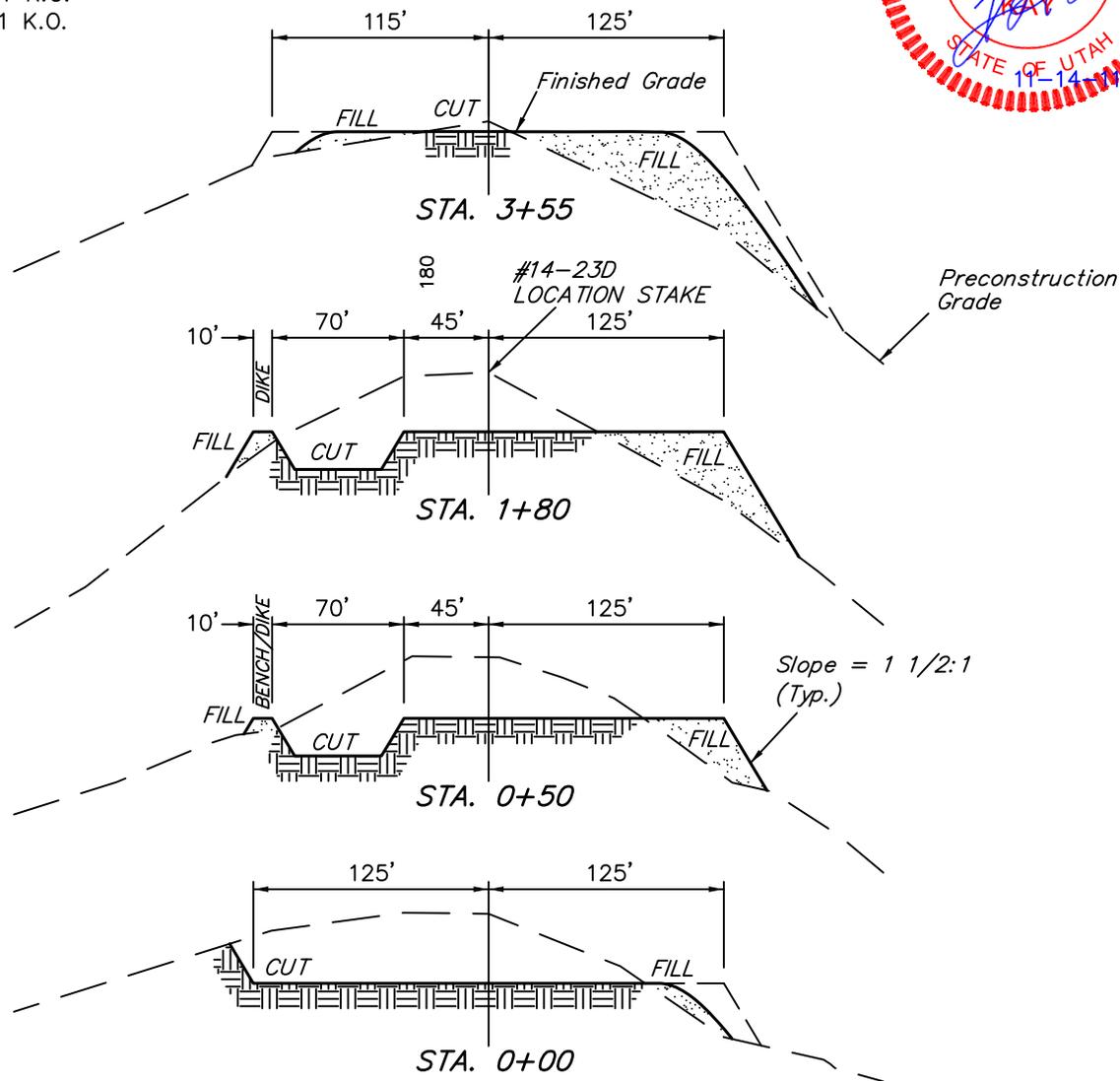
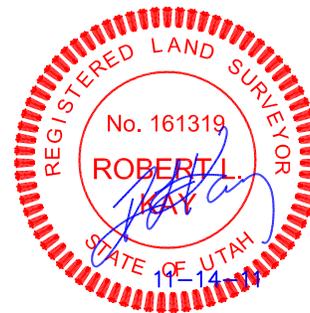
TYPICAL CROSS SECTIONS FOR

LC TRIBAL #14-23D-47 & #16-23D-47
SECTION 23, T4S, R7W, U.S.B.&M.
SW 1/4 SE 1/4

FIGURE #2



DATE: 06-16-08
DRAWN BY: C.H.
REV: 09-21-11 K.O.
REV: 11-04-11 K.O.
REV: 11-11-11 K.O.



WELL SITE DISTURBANCE = 2.696 ACRES
ACCESS ROAD DISTURBANCE = 4.238 ACRES
TOTAL = 6.934 ACRES

NOTE:

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

*** NOTE:**

FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(12") Topsoil Stripping	= 4,690 Cu. Yds.
Remaining Location	= 17,440 Cu. Yds.
TOTAL CUT	= 22,130 CU.YDS.
FILL	= 15,810 CU.YDS.

EXCESS MATERIAL	= 6,320 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 6,320 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

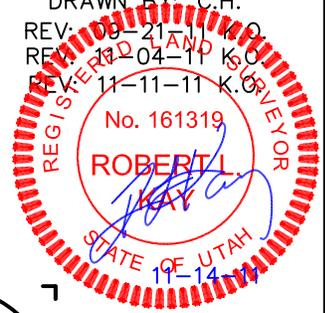
TYPICAL RIG LAYOUT FOR

LC TRIBAL #14-23D-47 & #16-23D-47
SECTION 23, T4S, R7W, U.S.B.&M.
SW 1/4 SE 1/4

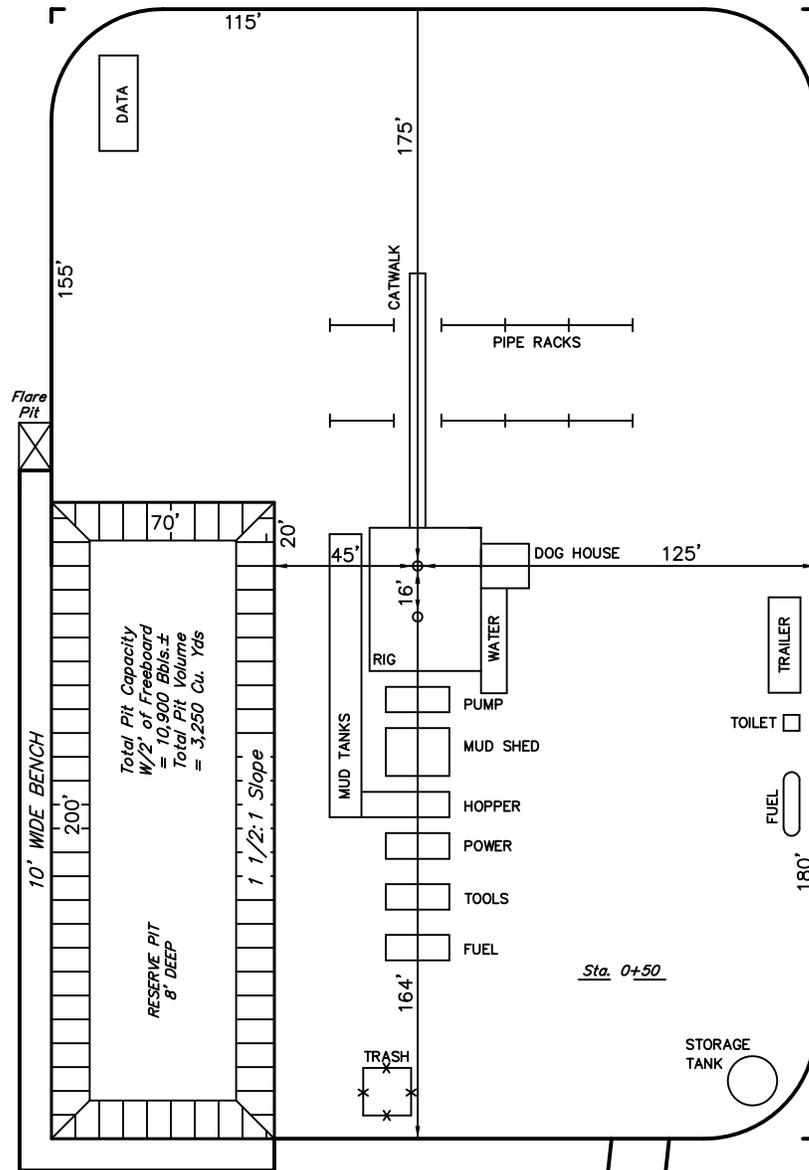
FIGURE #3

SCALE: 1" = 60'
DATE: 06-16-08
DRAWN BY: C.H.

REV: 06-21-08
REV: 07-04-11 K.S.
REV: 11-11-11 K.S.



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



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

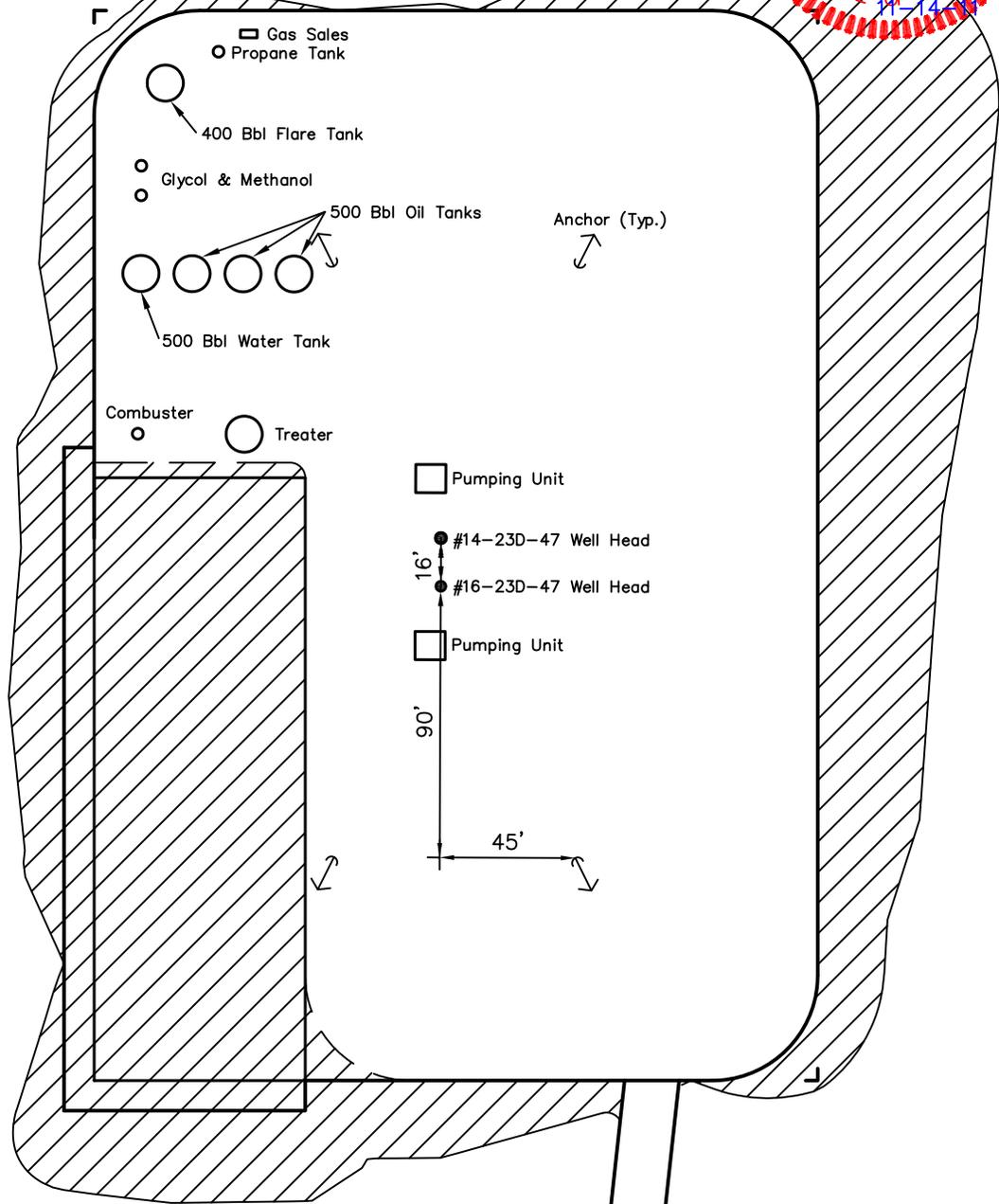
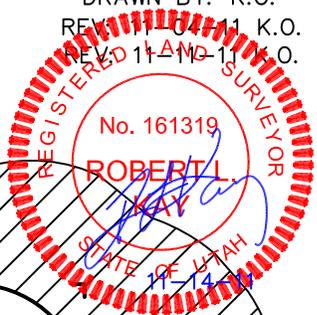
BILL BARRETT CORPORATION

INTERIM RECLAMATION PLAN FOR

LC TRIBAL #14-23D-47 & #16-23D-47
SECTION 23, T4S, R7W, U.S.B.&M.
SW 1/4 SE 1/4

FIGURE #4

SCALE: 1" = 60'
DATE: 09-21-11
DRAWN BY: K.O.
REV. 11-11-11 K.O.
REV. 11-11-11 K.O.



 INTERIM RECLAMATION

APPROXIMATE ACREAGES
UN-RECLAIMED = ± 1.602 ACRES

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

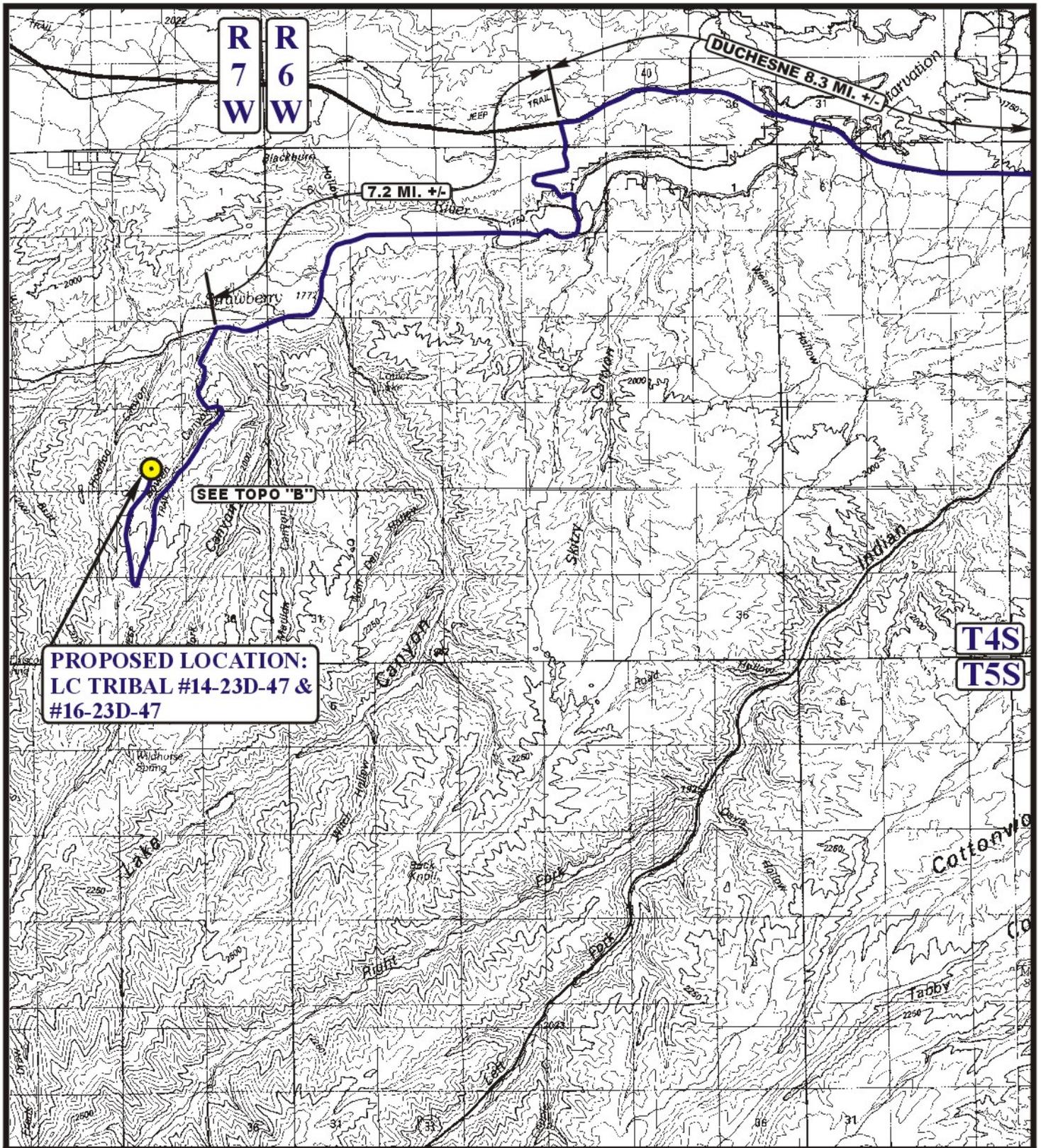
RECEIVED: Jan. 13, 2012

BILL BARRETT CORPORATION

LC TRIBAL #14-23D-47 & #16-23D-47
SECTION 23, T4S, R7W, U.S.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM DUCHESNE, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 8.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, THEN WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 7.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING 2-TRACK TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 3.5 MILES TO THE JUNCTION OF THIS ROAD AND THE PROPOSED ACCESS FOR THE #14-26-47 TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE PROPOSED ACCESS ROAD TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 1.2 MILES TO THE PROPOSED WELL LOCATION.

TOTAL DISTANCE FROM DUCHESNE, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 20.4 MILES.



LEGEND:

 PROPOSED LOCATION

BILL BARRETT CORPORATION

**LC TRIBAL #14-23D-47 & #16-23D-47
SECTION 23, T4S, R7W, U.S.B.&M.
SW 1/4 SE 1/4**



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

**ACCESS ROAD
MAP**

06 17 08
MONTH DAY YEAR



SCALE: 1:100,000

DRAWN BY: J.J.

REV: 10-21-11 J.L.H.

DRILLING PLAN

BILL BARRETT CORPORATION

14-23D-47 BTR Well Pad

SW SE, 1231' FSL and 1755' FEL, Sec. 23, T4S-R7W, USB&M (surface hole)
SE SW, 1228' FSL and 2439' FWL, Sec. 23, 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>
Lower Green River*	3,766'	3,639'
Douglas Creek	4,601'	4,439'
Black Shale	5,427'	5,264'
Castle Peak	5,652'	5,489'
Uteland Butte	5,967'	5,804'
Wasatch*	6,207'	6,044'
TD	7,412'	7,249'

*PROSPECTIVE PAY

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

Base of Useable Water = 5,299'

3. BOP and Pressure Containment Data

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 1,500'	No pressure control required
1,500' – 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	1,500'	9 5/8"	36#	J or K 55	BT&C	New
8 3/4"	Surface	TD	5 1/2"	17#	P-110	LT&C	New
NOTE: In addition, 8 3/4" hole size may change to 7 7/8" at the point the bit is changed out.							

Bill Barrett Corporation
 Drilling Program
 #14-23D-47 BTR
 Duchesne County, Utah

5. **Cementing Program**

Casing	Cementing
16" Conductor Casing	<i>Grout</i>
9 5/8" Surface Casing	<p><i>Lead</i> with approximately 190 sx Halliburton Light Premium with additives mixed at 11.0 ppg (yield = 3.16 ft³/sx) circulated to surface with 75% excess. Top of lead estimated at surface.</p> <p><i>Tail</i> with approximately 210 sx Halliburton Premium cement with additives mixed at 14.8 ppg (yield = 1.36 ft³/sx), calculated hole volume with 75% excess. Top of tail estimated at 1,000'.</p>
5 1/2" Production Casing	<p><i>Lead</i> with approximately 650 sx Tuned Light cement with additives, mixed at 11.0 ppg (yield = 2.31 ft³/sx.) . Top of lead estimated at 1,000'.</p> <p><i>Tail</i> with approximately 670 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft³/sx). Top of tail estimated at 4,927'.</p>

6. **Mud Program**

Interval	Weight	Viscosity	Fluid Loss (API filtrate)	Remarks
0' – 80'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
80' – 1,500'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
1,500' – TD	8.6 – 9.7	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.

Bill Barrett Corporation
Drilling Program
#14-23D-47 BTR
Duchesne County, Utah

8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 3656 psi* and maximum anticipated surface pressure equals approximately 2062 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)

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
- d) 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.

11. Drilling Schedule

Location Construction: March 2012
Spud: March 2012
Duration: 15 days drilling time
45 days completion time



Bill Barrett Corporation

LAKE CANYON & BLACK TAIL RIDGE CEMENT VOLUMES

Well Name: LC Tribal 14-23D-47

Surface Hole Data:

Total Depth:	1,500'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

Calculated Data:

Lead Volume:	548.1	ft ³
Lead Fill:	1,000'	
Tail Volume:	274.0	ft ³
Tail Fill:	500'	

Cement Data:

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

Calculated # of Sacks:

# SK's Lead:	190
--------------	-----

Tail Yield:	1.36	ft ³ /sk
% Excess:	75%	
Top of Tail:	1,000'	

# SK's Tail:	210
--------------	-----

Production Hole Data:

Total Depth:	7,412'
Top of Cement:	1,000'
Top of Tail:	4,927'
OD of Hole:	8.750"
OD of Casing:	5.500"

Calculated Data:

Lead Volume:	1487.9	ft ³
Lead Fill:	3,927'	
Tail Volume:	941.6	ft ³
Tail Fill:	2,485'	

Cement Data:

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

Calculated # of Sacks:

# SK's Lead:	650
# SK's Tail:	670

LC Tribal 14-23D-47 Proposed Cementing Program

<u>Job Recommendation</u>	<u>Surface Casing</u>
Lead Cement - (1000' - 0')	
Halliburton Light Premium	Fluid Weight: 11.0 lbm/gal
5.0 lbm/sk Silicalite Compacted	Slurry Yield: 3.16 ft ³ /sk
0.25 lbm/sk Kwik Seal	Total Mixing Fluid: 19.48 Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid: 0'
2.0% Bentonite	Calculated Fill: 1,000'
	Volume: 97.61 bbl
	Proposed Sacks: 190 sks
Tail Cement - (TD - 1000')	
Premium Cement	Fluid Weight: 14.8 lbm/gal
2.0% Calcium Chloride	Slurry Yield: 1.36 ft ³ /sk
	Total Mixing Fluid: 6.37 Gal/sk
	Top of Fluid: 1,000'
	Calculated Fill: 500'
	Volume: 48.80 bbl
	Proposed Sacks: 210 sks

<u>Job Recommendation</u>	<u>Production Casing</u>
Lead Cement - (4927' - 1000')	
Tuned Light™ System	Fluid Weight: 11.0 lbm/gal
	Slurry Yield: 2.31 ft ³ /sk
	Total Mixing Fluid: 10.65 Gal/sk
	Top of Fluid: 1,000'
	Calculated Fill: 3,927'
	Volume: 264.99 bbl
	Proposed Sacks: 650 sks
Tail Cement - (7412' - 4927')	
Econocem™ System	Fluid Weight: 13.5 lbm/gal
0.125 lbm/sk Poly-E-Flake	Slurry Yield: 1.42 ft ³ /sk
1.0 lbm/sk Granulite TR 1/4	Total Mixing Fluid: 6.61 Gal/sk
	Top of Fluid: 4,927'
	Calculated Fill: 2,485'
	Volume: 167.70 bbl
	Proposed Sacks: 670 sks

PRESSURE CONTROL EQUIPMENT – Schematic Attached

A. Type: Eleven (11) Inch Double Gate Hydraulic BOP with Eleven (11) Inch Annular Preventer. The blow out preventer will be equipped as follows:

1. One (1) blind ram (above).
2. One (1) pipe ram (below).
3. Drilling spool with two (2) side outlets (choke side 3-inch minimum, kill side 2-inch minimum).
4. 3-inch diameter choke line.
5. Two (2) choke line valves (3-inch minimum).
6. Kill line (2-inch minimum).
7. Two (2) chokes with one (1) remotely controlled from the rig floor.
8. Two (2) kill line valves, and a check valve (2-inch minimum).
9. Upper and lower kelly cock valves with handles available.
10. Safety valve(s) & subs to fit all drill string connections in use.
11. Inside BOP or float sub available.
12. Pressure gauge on choke manifold.
13. Fill-up line above the uppermost preventer.

B. Pressure Rating: 5,000 psi

C. Testing Procedure:

Annular Preventer

At a minimum, the Annular Preventer will be pressure tested to 50% of the rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum the above pressure test will be performed:

1. When the annular preventer is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition, the Annular Preventer will be functionally operated at least weekly.

Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be

maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

1. When the BOP is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

D. Choke Manifold Equipment:

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

E. Accumulator:

The accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (if so equipped), close all rams plus the annular preventer, and retain a minimum of 200 psi above precharge on the closing manifold without the use of closing unit pumps. The fluid reservoir capacity will be double the usable fluid volume of the accumulator system capacity and the fluid level of the reservoir will be maintained at the manufacturer's recommendations.

The BOP system will have two (2) independent power sources to close the preventers. Nitrogen bottles (3 minimum) will be one (1) of these independent power sources and will maintain a charge equal to the manufacturer's specifications.

The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in the *Onshore Oil & Gas Order Number 2*.

A manual locking device (i.e. hand wheels) or automatic locking device will be installed on all systems of 2M or greater. A valve will be installed in the closing line as close as possible to the annular preventer to act as a locking device. This valve will be maintained in the open position and will be closed only when the power source for the accumulator is inoperative.

Remote controls shall be readily accessible to the driller. Remote controls for all 3M or greater systems will be capable of closing all preventers. Remote controls for 5M or greater systems will be capable of both opening and closing all preventers. Master controls will be at the accumulator and will be capable of opening and closing all preventers and the choke line valve (if so equipped).

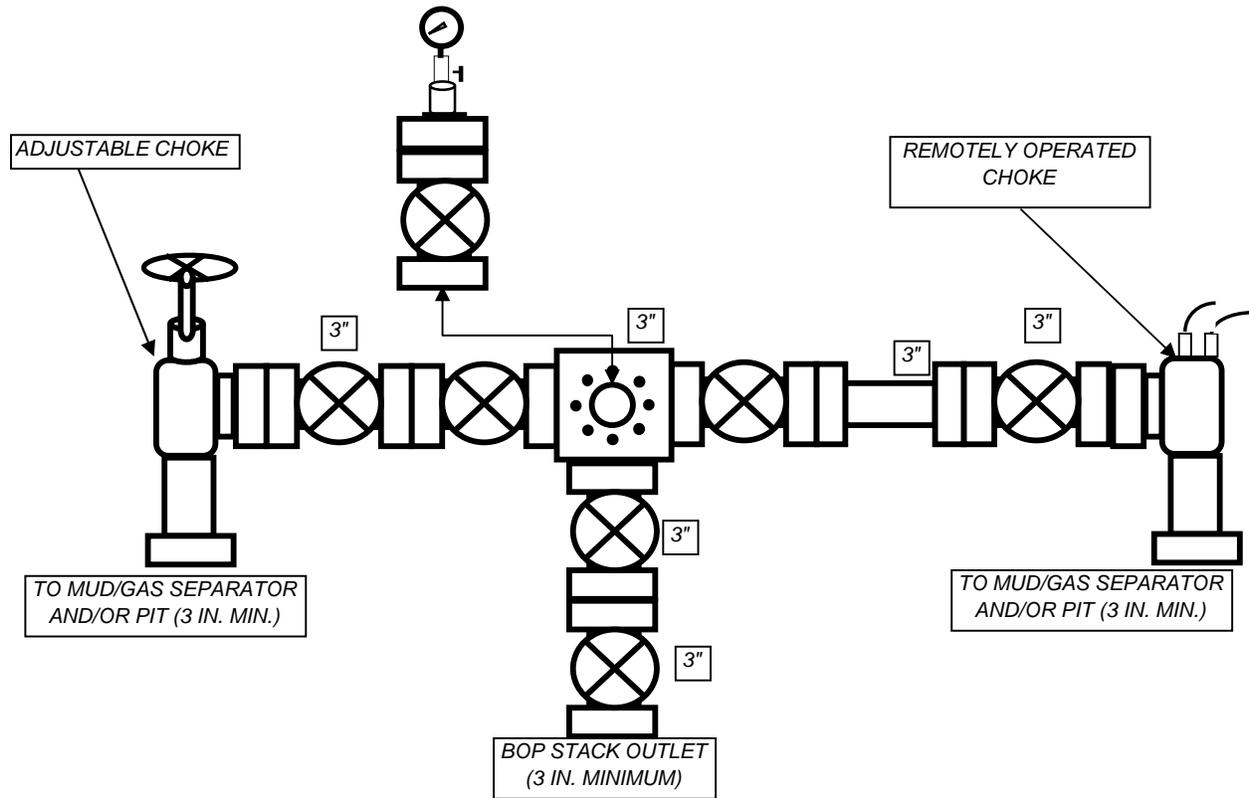
F. Miscellaneous Information:

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2*. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.

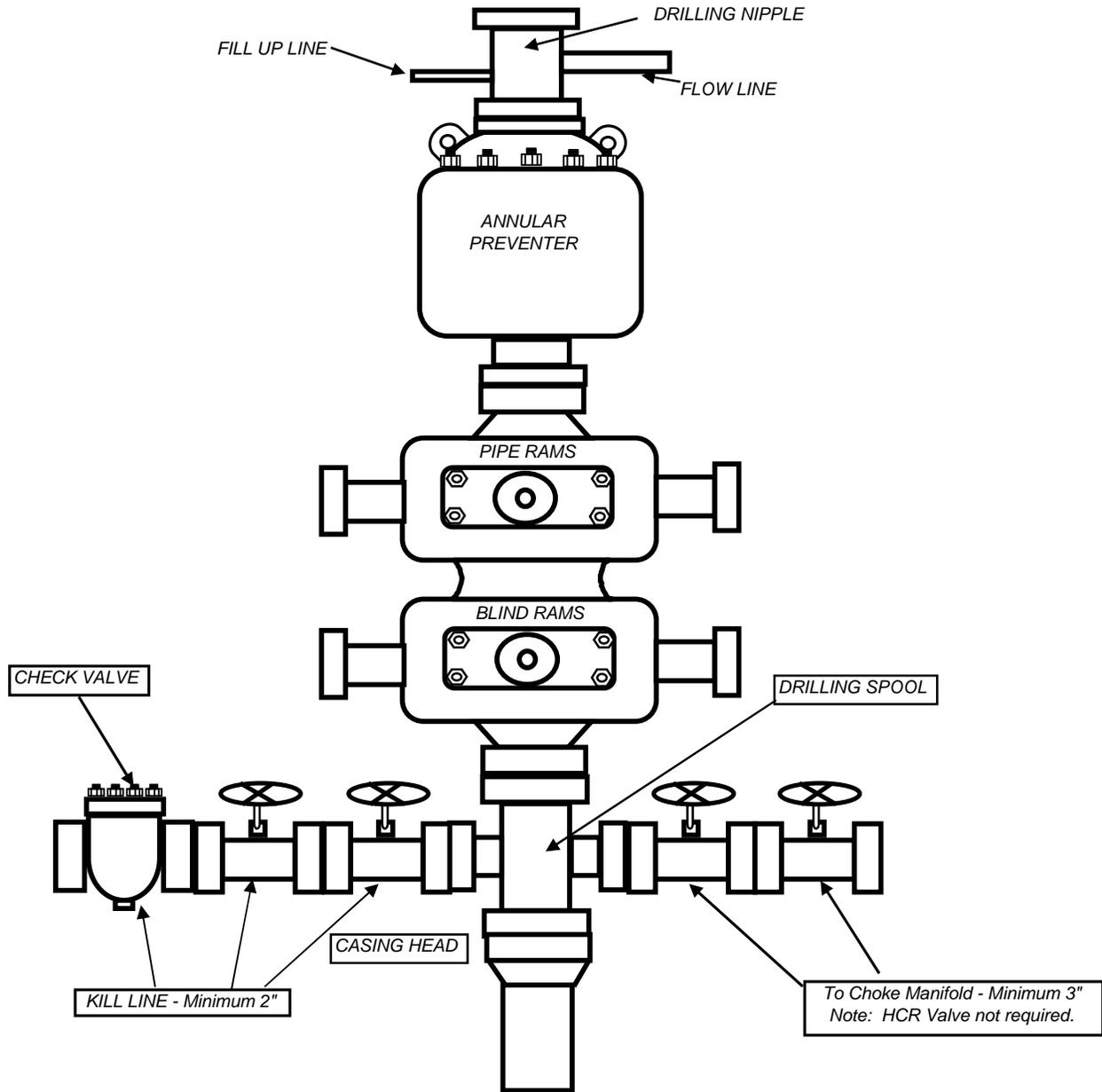
BILL BARRETT CORPORATION

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



BILL BARRETT CORPORATION

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





Lake Canyon

Site Centre Latitude: 40° 6' 52.700 N
Longitude: 110° 38' 20.630 W

Positional Uncertainty: 0.0
Convergence: 0.55
Local North: True

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

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
14-23D LC 3PT MKR	4839.0	-2.9	-999.8	40° 6' 52.672 N	110° 38' 33.500 W	Rectangle (Sides: L200.0 W200.0)
14-23D LC PBHL	7249.0	-2.9	-999.8	40° 6' 52.672 N	110° 38' 33.500 W	Rectangle (Sides: L200.0 W200.0)

FORMATION TOP DETAILS

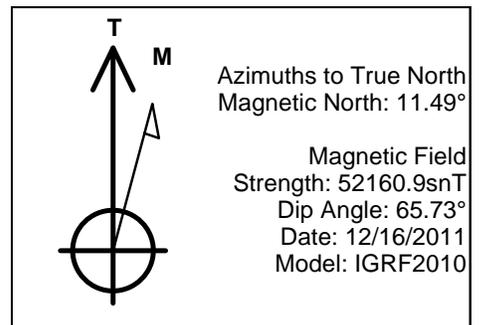
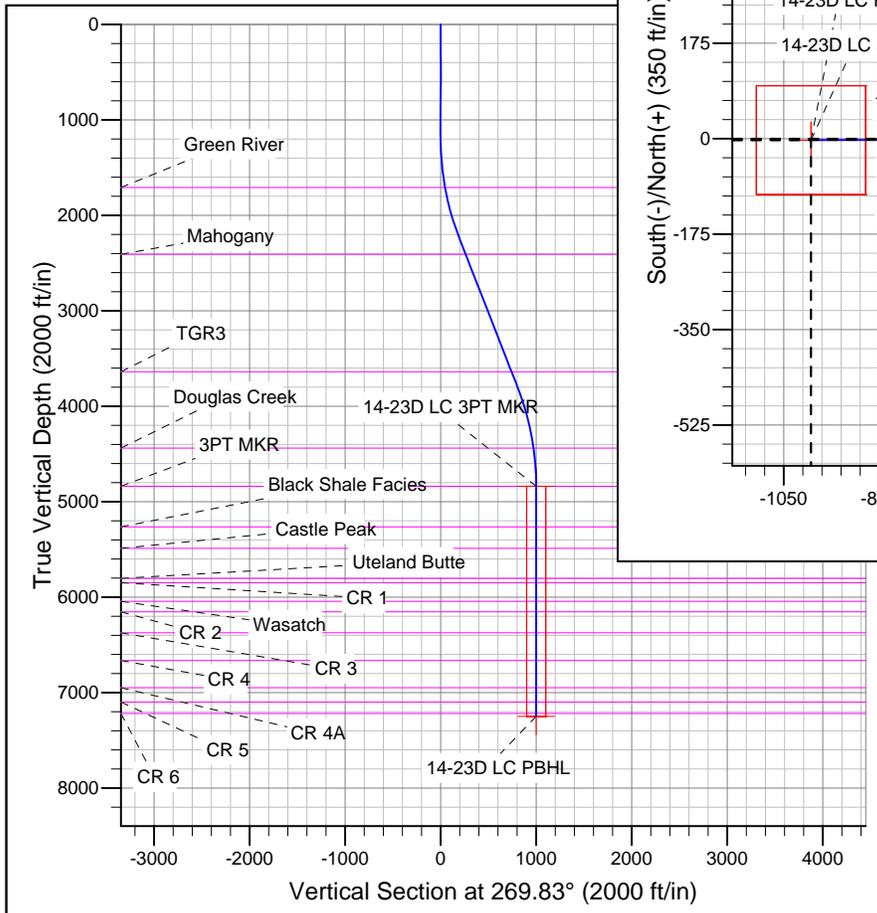
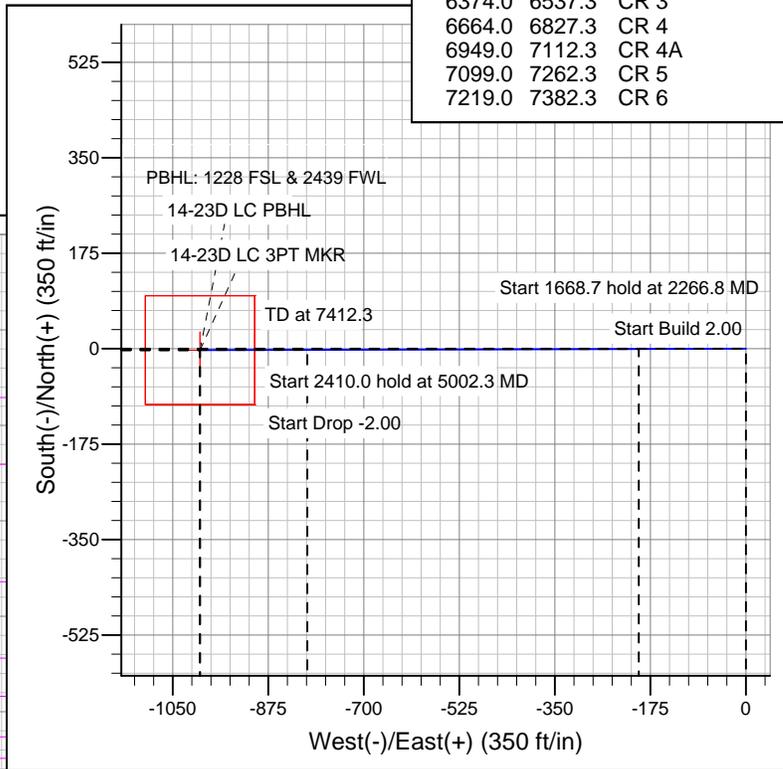
TVDPath	MDPath	Formation
1709.0	1711.7	Green River
2409.0	2445.8	Mahogany
3639.0	3766.3	TGR3
4439.0	4601.0	Douglas Creek
4839.0	5002.3	3PT MKR
5264.0	5427.3	Black Shale Facies
5489.0	5652.3	Castle Peak
5804.0	5967.3	Uteland Butte
5849.0	6012.3	CR 1
6044.0	6207.3	Wasatch
6154.0	6317.3	CR 2
6374.0	6537.3	CR 3
6664.0	6827.3	CR 4
6949.0	7112.3	CR 4A
7099.0	7262.3	CR 5
7219.0	7382.3	CR 6

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	1200.0	0.00	0.00	1200.0	0.0	0.0	0.00	0.00	0.0	
3	2266.8	21.34	269.83	2242.3	-0.6	-196.4	2.00	269.83	196.4	
4	3935.5	21.34	269.83	3796.7	-2.3	-803.5	0.00	0.00	803.5	
5	5002.3	0.00	0.00	4839.0	-2.9	-999.8	2.00	180.00	999.8	14-23D LC 3PT MKR
6	7412.3	0.00	0.00	7249.0	-2.9	-999.8	0.00	0.00	999.8	14-23D LC PBHL

CASING DETAILS

No casing data is available



Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well 14-23D-47 LC Tribal
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 7312.0ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT (NAD 27)	MD Reference:	KB @ 7312.0ft (Original Well Elev)
Site:	14-23D-47 LC Tribal	North Reference:	True
Well:	14-23D-47 LC Tribal	Survey Calculation Method:	Minimum Curvature
Wellbore:	14-23D-47 LC Tribal		
Design:	Design #1		

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

Site	14-23D-47 LC Tribal				
Site Position:		Northing:	649,961.24 ft	Latitude:	40° 6' 52.700 N
From:	Lat/Long	Easting:	2,240,779.70 ft	Longitude:	110° 38' 20.630 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.55 °

Well	14-23D-47 LC Tribal					
Well Position	+N/-S	0.0 ft	Northing:	649,961.24 ft	Latitude:	40° 6' 52.700 N
	+E/-W	0.0 ft	Easting:	2,240,779.70 ft	Longitude:	110° 38' 20.630 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	7,296.0 ft

Wellbore	14-23D-47 LC Tribal				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	12/16/2011	11.49	65.73	52,161

Design	Design #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	269.83

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,266.8	21.34	269.83	2,242.3	-0.6	-196.4	2.00	2.00	0.00	269.83	
3,935.5	21.34	269.83	3,796.7	-2.3	-803.5	0.00	0.00	0.00	0.00	
5,002.3	0.00	0.00	4,839.0	-2.9	-999.8	2.00	-2.00	0.00	180.00	14-23D LC 3PT MKR
7,412.3	0.00	0.00	7,249.0	-2.9	-999.8	0.00	0.00	0.00	0.00	14-23D LC PBHL

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well 14-23D-47 LC Tribal
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 7312.0ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT (NAD 27)	MD Reference:	KB @ 7312.0ft (Original Well Elev)
Site:	14-23D-47 LC Tribal	North Reference:	True
Well:	14-23D-47 LC Tribal	Survey Calculation Method:	Minimum Curvature
Wellbore:	14-23D-47 LC Tribal		
Design:	Design #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	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	2.00	269.83	1,300.0	0.0	-1.7	1.7	2.00	2.00	0.00
1,400.0	4.00	269.83	1,399.8	0.0	-7.0	7.0	2.00	2.00	0.00
1,500.0	6.00	269.83	1,499.5	0.0	-15.7	15.7	2.00	2.00	0.00
1,600.0	8.00	269.83	1,598.7	-0.1	-27.9	27.9	2.00	2.00	0.00
1,700.0	10.00	269.83	1,697.5	-0.1	-43.5	43.5	2.00	2.00	0.00
1,711.7	10.23	269.83	1,709.0	-0.1	-45.6	45.6	2.00	2.00	0.00
Green River									
1,800.0	12.00	269.83	1,795.6	-0.2	-62.6	62.6	2.00	2.00	0.00
1,900.0	14.00	269.83	1,893.1	-0.2	-85.1	85.1	2.00	2.00	0.00
2,000.0	16.00	269.83	1,989.6	-0.3	-111.0	111.0	2.00	2.00	0.00
2,100.0	18.00	269.83	2,085.3	-0.4	-140.2	140.2	2.00	2.00	0.00
2,200.0	20.00	269.83	2,179.8	-0.5	-172.8	172.8	2.00	2.00	0.00
2,266.8	21.34	269.83	2,242.3	-0.6	-196.4	196.4	2.00	2.00	0.00
2,300.0	21.34	269.83	2,273.2	-0.6	-208.4	208.4	0.00	0.00	0.00
2,400.0	21.34	269.83	2,366.4	-0.7	-244.8	244.8	0.00	0.00	0.00
2,445.8	21.34	269.83	2,409.0	-0.8	-261.5	261.5	0.00	0.00	0.00
Mahogany									
2,500.0	21.34	269.83	2,459.5	-0.8	-281.2	281.2	0.00	0.00	0.00
2,600.0	21.34	269.83	2,552.7	-0.9	-317.6	317.6	0.00	0.00	0.00
2,700.0	21.34	269.83	2,645.8	-1.0	-354.0	354.0	0.00	0.00	0.00
2,800.0	21.34	269.83	2,739.0	-1.1	-390.3	390.3	0.00	0.00	0.00
2,900.0	21.34	269.83	2,832.1	-1.2	-426.7	426.7	0.00	0.00	0.00
3,000.0	21.34	269.83	2,925.3	-1.3	-463.1	463.1	0.00	0.00	0.00
3,100.0	21.34	269.83	3,018.4	-1.4	-499.5	499.5	0.00	0.00	0.00
3,200.0	21.34	269.83	3,111.6	-1.5	-535.9	535.9	0.00	0.00	0.00
3,300.0	21.34	269.83	3,204.7	-1.7	-572.3	572.3	0.00	0.00	0.00
3,400.0	21.34	269.83	3,297.8	-1.8	-608.6	608.7	0.00	0.00	0.00
3,500.0	21.34	269.83	3,391.0	-1.9	-645.0	645.0	0.00	0.00	0.00
3,600.0	21.34	269.83	3,484.1	-2.0	-681.4	681.4	0.00	0.00	0.00
3,700.0	21.34	269.83	3,577.3	-2.1	-717.8	717.8	0.00	0.00	0.00
3,766.3	21.34	269.83	3,639.0	-2.1	-741.9	741.9	0.00	0.00	0.00
TGR3									
3,800.0	21.34	269.83	3,670.4	-2.2	-754.2	754.2	0.00	0.00	0.00
3,900.0	21.34	269.83	3,763.6	-2.3	-790.6	790.6	0.00	0.00	0.00
3,935.5	21.34	269.83	3,796.7	-2.3	-803.5	803.5	0.00	0.00	0.00
4,000.0	20.05	269.83	3,857.0	-2.4	-826.3	826.3	2.00	-2.00	0.00
4,100.0	18.05	269.83	3,951.5	-2.5	-858.9	858.9	2.00	-2.00	0.00
4,200.0	16.05	269.83	4,047.1	-2.6	-888.2	888.2	2.00	-2.00	0.00
4,300.0	14.05	269.83	4,143.7	-2.6	-914.2	914.2	2.00	-2.00	0.00
4,400.0	12.05	269.83	4,241.1	-2.7	-936.8	936.8	2.00	-2.00	0.00

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well 14-23D-47 LC Tribal
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 7312.0ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT (NAD 27)	MD Reference:	KB @ 7312.0ft (Original Well Elev)
Site:	14-23D-47 LC Tribal	North Reference:	True
Well:	14-23D-47 LC Tribal	Survey Calculation Method:	Minimum Curvature
Wellbore:	14-23D-47 LC Tribal		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,500.0	10.05	269.83	4,339.2	-2.8	-955.9	955.9	2.00	-2.00	0.00
4,600.0	8.05	269.83	4,438.0	-2.8	-971.6	971.6	2.00	-2.00	0.00
4,601.0	8.03	269.83	4,439.0	-2.8	-971.8	971.8	2.00	-2.00	0.00
Douglas Creek									
4,700.0	6.05	269.83	4,537.2	-2.8	-983.9	983.9	2.00	-2.00	0.00
4,800.0	4.05	269.83	4,636.8	-2.9	-992.7	992.7	2.00	-2.00	0.00
4,900.0	2.05	269.83	4,736.7	-2.9	-998.0	998.0	2.00	-2.00	0.00
5,000.0	0.05	269.83	4,836.7	-2.9	-999.8	999.8	2.00	-2.00	0.00
5,002.3	0.00	0.00	4,839.0	-2.9	-999.8	999.8	2.00	-2.00	3,845.00
3PT MKR - 14-23D LC 3PT MKR									
5,100.0	0.00	0.00	4,936.7	-2.9	-999.8	999.8	0.00	0.00	0.00
5,200.0	0.00	0.00	5,036.7	-2.9	-999.8	999.8	0.00	0.00	0.00
5,300.0	0.00	0.00	5,136.7	-2.9	-999.8	999.8	0.00	0.00	0.00
5,400.0	0.00	0.00	5,236.7	-2.9	-999.8	999.8	0.00	0.00	0.00
5,427.3	0.00	0.00	5,264.0	-2.9	-999.8	999.8	0.00	0.00	0.00
Black Shale Facies									
5,500.0	0.00	0.00	5,336.7	-2.9	-999.8	999.8	0.00	0.00	0.00
5,600.0	0.00	0.00	5,436.7	-2.9	-999.8	999.8	0.00	0.00	0.00
5,652.3	0.00	0.00	5,489.0	-2.9	-999.8	999.8	0.00	0.00	0.00
Castle Peak									
5,700.0	0.00	0.00	5,536.7	-2.9	-999.8	999.8	0.00	0.00	0.00
5,800.0	0.00	0.00	5,636.7	-2.9	-999.8	999.8	0.00	0.00	0.00
5,900.0	0.00	0.00	5,736.7	-2.9	-999.8	999.8	0.00	0.00	0.00
5,967.3	0.00	0.00	5,804.0	-2.9	-999.8	999.8	0.00	0.00	0.00
Uteland Butte									
6,000.0	0.00	0.00	5,836.7	-2.9	-999.8	999.8	0.00	0.00	0.00
6,012.3	0.00	0.00	5,849.0	-2.9	-999.8	999.8	0.00	0.00	0.00
CR 1									
6,100.0	0.00	0.00	5,936.7	-2.9	-999.8	999.8	0.00	0.00	0.00
6,200.0	0.00	0.00	6,036.7	-2.9	-999.8	999.8	0.00	0.00	0.00
6,207.3	0.00	0.00	6,044.0	-2.9	-999.8	999.8	0.00	0.00	0.00
Wasatch									
6,300.0	0.00	0.00	6,136.7	-2.9	-999.8	999.8	0.00	0.00	0.00
6,317.3	0.00	0.00	6,154.0	-2.9	-999.8	999.8	0.00	0.00	0.00
CR 2									
6,400.0	0.00	0.00	6,236.7	-2.9	-999.8	999.8	0.00	0.00	0.00
6,500.0	0.00	0.00	6,336.7	-2.9	-999.8	999.8	0.00	0.00	0.00
6,537.3	0.00	0.00	6,374.0	-2.9	-999.8	999.8	0.00	0.00	0.00
CR 3									
6,600.0	0.00	0.00	6,436.7	-2.9	-999.8	999.8	0.00	0.00	0.00
6,700.0	0.00	0.00	6,536.7	-2.9	-999.8	999.8	0.00	0.00	0.00
6,800.0	0.00	0.00	6,636.7	-2.9	-999.8	999.8	0.00	0.00	0.00
6,827.3	0.00	0.00	6,664.0	-2.9	-999.8	999.8	0.00	0.00	0.00
CR 4									
6,900.0	0.00	0.00	6,736.7	-2.9	-999.8	999.8	0.00	0.00	0.00
7,000.0	0.00	0.00	6,836.7	-2.9	-999.8	999.8	0.00	0.00	0.00
7,100.0	0.00	0.00	6,936.7	-2.9	-999.8	999.8	0.00	0.00	0.00
7,112.3	0.00	0.00	6,949.0	-2.9	-999.8	999.8	0.00	0.00	0.00
CR 4A									
7,200.0	0.00	0.00	7,036.7	-2.9	-999.8	999.8	0.00	0.00	0.00
7,262.3	0.00	0.00	7,099.0	-2.9	-999.8	999.8	0.00	0.00	0.00
CR 5									

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well 14-23D-47 LC Tribal
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 7312.0ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT (NAD 27)	MD Reference:	KB @ 7312.0ft (Original Well Elev)
Site:	14-23D-47 LC Tribal	North Reference:	True
Well:	14-23D-47 LC Tribal	Survey Calculation Method:	Minimum Curvature
Wellbore:	14-23D-47 LC Tribal		
Design:	Design #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
7,300.0	0.00	0.00	7,136.7	-2.9	-999.8	999.8	0.00	0.00	0.00
7,382.3	0.00	0.00	7,219.0	-2.9	-999.8	999.8	0.00	0.00	0.00
CR 6									
7,400.0	0.00	0.00	7,236.7	-2.9	-999.8	999.8	0.00	0.00	0.00
7,412.3	0.00	0.00	7,249.0	-2.9	-999.8	999.8	0.00	0.00	0.00
14-23D LC PBHL									

Formations					
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,711.7	1,709.0	Green River		0.00	
2,445.8	2,409.0	Mahogany		0.00	
3,766.3	3,639.0	TGR3		0.00	
4,601.0	4,439.0	Douglas Creek		0.00	
5,002.3	4,839.0	3PT MKR		0.00	
5,427.3	5,264.0	Black Shale Facies		0.00	
5,652.3	5,489.0	Castle Peak		0.00	
5,967.3	5,804.0	Uteland Butte		0.00	
6,012.3	5,849.0	CR 1		0.00	
6,207.3	6,044.0	Wasatch		0.00	
6,317.3	6,154.0	CR 2		0.00	
6,537.3	6,374.0	CR 3		0.00	
6,827.3	6,664.0	CR 4		0.00	
7,112.3	6,949.0	CR 4A		0.00	
7,262.3	7,099.0	CR 5		0.00	
7,382.3	7,219.0	CR 6		0.00	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

MAY 14 2012

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.

BLM

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		5. Lease Serial No. 2OG0005500
2. Name of Operator BILL BARRETT CORPORATION		6. If Indian, Allottee or Tribe Name UINTAH AND OURAY
3a. Address 1099 18TH STREET SUITE 2300 DENVER, CO 80202		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 303-312-8172 Fx: 303-291-0420		8. Well Name and No. LC TRIBAL 14-23D-47
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 23 T4S R7W SWSE 1231FSL 1755FEL		9. API Well No. 43-013-34022-00-X1
		10. Field and Pool, or Exploratory ALTAMONT
		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"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other Change to Original PD

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 hereby requests an extension of the BLM APD. This well is scheduled to spud in June, 2012.

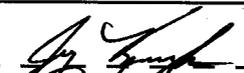
CONDITIONS OF APPROVAL ATTACHED

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

**Electronic Submission #137855 verified by the BLM Well Information System
For BILL BARRETT CORPORATION, sent to the Vernal
Committed to AFMSS for processing by ROBIN R. HANSEN on 05/14/2012 (12RRH2423SE)**

Name (Printed/Typed) VENESSA LANGMACHER	Title SENIOR PERMIT ANALYST
Signature (Electronic Submission)	Date 05/13/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By 	Assistant Field Manager Title Lands & Mineral Resources	MAY 17 2012 Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office VERNAL FIELD OFFICE	

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

RECEIVED

UDOGM

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

MAY 11 2012

Revisions to Operator-Submitted EC Data for Sundry Notice #137855

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	OTHER NOI	APDCH NOI
Lease:	2OG0005500	2OG0005500
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: 3033128546
Admin Contact:	VENESSA LANGMACHER SR PERMIT ANALYST E-Mail: vlangmacher@billbarrettcorp.com Cell: 720-402-7540 Ph: 303-312-8172 Fx: 303-291-0420	VENESSA LANGMACHER SENIOR PERMIT ANALYST E-Mail: vlangmacher@billbarrettcorp.com Cell: 720-402-7540 Ph: 303-312-8172 Fx: 303-291-0420
Tech Contact:	VENESSA LANGMACHER SR PERMIT ANALYST E-Mail: vlangmacher@billbarrettcorp.com Cell: 720-402-7540 Ph: 303-312-8172 Fx: 303-291-0420	VENESSA LANGMACHER SENIOR PERMIT ANALYST E-Mail: vlangmacher@billbarrettcorp.com Cell: 720-402-7540 Ph: 303-312-8172 Fx: 303-291-0420
Location:		
State:	UT	UT
County:	DUCHESNE	DUCHESNE
Field/Pool:	ALTAMONT	ALTAMONT
Well/Facility:	14-23D-47 LC TRIBAL Sec 23 T4S R7W Mer UBM SWSE 1231FSL 1755FEL	LC TRIBAL 14-23D-47 Sec 23 T4S R7W SWSE 1231FSL 1755FEL

CONDITIONS OF APPROVAL

Bill Barrett Corporation

Notice of Intent APD Extension

Lease: 2OG0005500
Well: LC Tribal 14-23D-47
Location: SWSE Sec 23-T4S-R7W

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

1. The extension and APD shall expire on 03/14/2014.
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

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corporation Rig Name/# Triple A Drilling
 Submitted By Tracey Fallang Phone Number 303-312-8134
 Well Name/Number LC Tribal 14-23D-47
 Qtr/Qtr SWSE Section 23 Township 4S Range 7W
 Lease Serial Number 2OG0005500
 API Number 4301334022

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

Date/Time 7/11/2012 8:00 AM PM

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

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

RECEIVED
JUL 10 2012
 DIV. OF OIL, GAS & MINING

Date/Time _____ AM PM

BOPE

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

Date/Time _____ AM PM

Remarks _____

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5500
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: LC TRIBAL 14-23D-47
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43013340220000
PHONE NUMBER: 303 312-8164 Ext		9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1231 FSL 1755 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 23 Township: 04.0S Range: 07.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 7/11/2012	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER
		OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
This well was spud on 7/11/2012.		
<p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY July 18, 2012</p>		
NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst
SIGNATURE N/A		DATE 7/17/2012

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

FORM 6

ENTITY ACTION FORM

Operator: Bill Barrett Corporation Operator Account Number: N 2165
 Address: 1099 18th Street, Suite 2300
city Denver
state CO zip 80202 Phone Number: (303) 312-8172

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304752163	FD 3-36D-6-19		NENW	36	6S	19E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	999999	180615	7/11/2012		7-18-2012		
Comments: Spudding Operation was conducted by Triple A Drilling @ 8:00 am. GRRV							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301334022	LC Tribal 14-23D-47		SWSE	23	4S	7W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	999999	180616	7/11/2012		7-18-2012		
Comments: Spudding Operation was conducted by Triple A Drilling @ 8:00 am. WSTC							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301351180	LC Tribal 16-23D-47		SWSE	23	4S	7W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	999999	180617	7/13/2012		7-18-2012		
Comments: Spudding Operation was conducted by Triple A Drilling @ 8:00 am. WSTC							

ACTION CODES:

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

RECEIVED
JUL 18 2012

Venessa Langmacher

Name (Please Print)

Venessa Langmacher

Signature

Sr Permit Analyst

7/17/2012

Title

Date

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5500
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE 7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: LC TRIBAL 14-23D-47
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013340220000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1231 FSL 1755 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 23 Township: 04.0S Range: 07.0W Meridian: U	9. FIELD and POOL or WILDCAT: WILDCAT COUNTY: DUCHESNE STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 7/31/2012	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Well spud this month; no other July 2012 monthly drilling activity to report.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 August 02, 2012**

NAME (PLEASE PRINT) Megan Finnegan	PHONE NUMBER 303 299-9949	TITLE Permit Analyst
SIGNATURE N/A	DATE 8/2/2012	

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corporation Rig Name/# Patterson 313
 Submitted By Venessa Langmach Phone Number 303-312-8172
 Well Name/Number LC Tribal 14-23D-47
 Qtr/Qtr SWSE Section 23 Township 4S Range 7W
 Lease Serial Number 14-20-H62-5500
 API Number 43-013-34022

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

Date/Time _____ AM PM

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

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

RECEIVED

AUG 21 2012

DIV. OF OIL, GAS & MINING

Date/Time 08/22/2012 10:00 AM PM

BOPE

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

Date/Time 08/21/2012 10:00AM AM PM

Remarks 24-HR Notice for Surface Casing & CMT

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corporation Rig Name/# Patterson 313
 Submitted By Cecil E. Crow Phone Number 303-353-5394
 Well Name/Number LC Tribal 14-23D-47
 Qtr/Qtr SWSE Section 23 Township 4S Range 7W
 Lease Serial Number 14-20-H62-5500
 API Number 43-013-34022

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

Date/Time _____ AM PM

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

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

Date/Time _____ AM PM

BOPE

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

RECEIVED

AUG 22 2012

DIV. OF OIL, GAS & MINING

Date/Time 08/22/2012 20:00 AM PM

Remarks BOPE Testing Notice

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5500
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE 7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: LC TRIBAL 14-23D-47
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013340220000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1231 FSL 1755 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 23 Township: 04.0S Range: 07.0W Meridian: U	9. FIELD and POOL or WILDCAT: WILDCAT COUNTY: DUCHESNE STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 8/31/2012	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

August 2012 monthly drilling activity report is attached.

**Accepted by the
Utah Division of
Oil, Gas and Mining**

FOR RECORD ONLY

September 07, 2012

NAME (PLEASE PRINT) Megan Finnegan	PHONE NUMBER 303 299-9949	TITLE Permit Analyst
SIGNATURE N/A	DATE 9/4/2012	

**14-23D-47 LC Tribal 8/9/2012 06:00 - 8/10/2012 06:00**

API/UWI 43013340220000	State/Province UT	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status DRILLING	Total Depth (ftKB) 7,407.0	Primary Job Type Drilling & Completion
---------------------------	----------------------	--------------------	---	-------------------------	-------------------------------	---

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	12.00	18:00	1	RIGUP & TEARDOWN	MOVING RIG/RIGGING UP
18:00	12.00	06:00	1	RIGUP & TEARDOWN	WAIT ON DAYLIGHT

14-23D-47 LC Tribal 8/10/2012 06:00 - 8/11/2012 06:00

API/UWI 43013340220000	State/Province UT	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status DRILLING	Total Depth (ftKB) 7,407.0	Primary Job Type Drilling & Completion
---------------------------	----------------------	--------------------	---	-------------------------	-------------------------------	---

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	12.00	18:00	1	RIGUP & TEARDOWN	MOVING RIG/RIGGING UP
18:00	12.00	06:00	1	RIGUP & TEARDOWN	WAIT ON DAYLIGHT

14-23D-47 LC Tribal 8/11/2012 06:00 - 8/12/2012 06:00

API/UWI 43013340220000	State/Province UT	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status DRILLING	Total Depth (ftKB) 7,407.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	12.00	18:00	1	RIGUP & TEARDOWN	MOVING RIG/RIGGING UP
18:00	12.00	06:00	1	RIGUP & TEARDOWN	WAIT ON DAYLIGHT

14-23D-47 LC Tribal 8/12/2012 06:00 - 8/13/2012 06:00

API/UWI 43013340220000	State/Province UT	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status DRILLING	Total Depth (ftKB) 7,407.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	12.00	18:00	1	RIGUP & TEARDOWN	MOVING RIG/RIGGING UP
18:00	12.00	06:00	1	RIGUP & TEARDOWN	WAIT ON DAYLIGHT

14-23D-47 LC Tribal 8/13/2012 06:00 - 8/14/2012 06:00

API/UWI 43013340220000	State/Province UT	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status DRILLING	Total Depth (ftKB) 7,407.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	12.00	18:00	1	RIGUP & TEARDOWN	RIGGING UP
18:00	12.00	06:00	1	RIGUP & TEARDOWN	WAIT ON DAYLIGHT

14-23D-47 LC Tribal 8/14/2012 06:00 - 8/15/2012 06:00

API/UWI 43013340220000	State/Province UT	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status DRILLING	Total Depth (ftKB) 7,407.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	8.00	14:00	1	RIGUP & TEARDOWN	RIG UP
14:00	16.00	06:00	1	RIGUP & TEARDOWN	WAITING ON DRAWWORKS TO SHOW UP.

14-23D-47 LC Tribal 8/15/2012 06:00 - 8/16/2012 06:00

API/UWI 43013340220000	State/Province UT	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status DRILLING	Total Depth (ftKB) 7,407.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	1	RIGUP & TEARDOWN	WAITING ON DRAWWORKS

**14-23D-47 LC Tribal 8/16/2012 06:00 - 8/17/2012 06:00**

API/UWI 43013340220000	State/Province UT	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status DRILLING	Total Depth (ftKB) 7,407.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.00	12:00	1	RIGUP & TEARDOWN	SET DRAWWORKS/PLUG IN ELECTRICAL/HUNG SERVICE LOOPS/ISTALL MANRIDER
12:00	6.00	18:00	1	RIGUP & TEARDOWN	TROUBLE SHOOT DRAWWORKS/TOOLPUSHER BROKE TOUR BEFORE GETTING DERRICK IN THE AIR ONLY HAD ONE CREW
18:00	2.00	20:00	1	RIGUP & TEARDOWN	PREP DERRICK TO RAISE
20:00	10.00	06:00	1	RIGUP & TEARDOWN	SCRUB AND WAIT ON DAYLIGHT

14-23D-47 LC Tribal 8/17/2012 06:00 - 8/18/2012 06:00

API/UWI 43013340220000	State/Province UT	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status DRILLING	Total Depth (ftKB) 7,407.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	1	RIGUP & TEARDOWN	PRE-DERRICK/RAISE DERRICK/INSTALL FLOOR PLATE/WALK RIG AROUND & CENTER OVER WELL/R/U PIPE WRANGLER, FLOOR, ELECTRICAL FOR DERRICK, TOP DRIVE TRACK, TOP DRIVE, SERVICE LOOPS/INSTALL I-BOP/UN LOADED SURFACE CASING

14-23D-47 LC Tribal 8/18/2012 06:00 - 8/19/2012 06:00

API/UWI 43013340220000	State/Province UT	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status DRILLING	Total Depth (ftKB) 7,407.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.00	15:00	1	RIGUP & TEARDOWN	WAIT ON SUBS/PLUMB IN YELLOW DOG/INSTALLLL CONDUCTOR & FLOW LINE/INSTALL RIG SMART, I-BOP, LOWER TOP DRIVE VALVE, SAVER SUB, MUD UP/10-POINT EDS CHECK
15:00	15.00	06:00	8	REPAIR RIG	REPAIR EDS SYSTEM

14-23D-47 LC Tribal 8/19/2012 06:00 - 8/20/2012 06:00

API/UWI 43013340220000	State/Province UT	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status DRILLING	Total Depth (ftKB) 7,407.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	8	REPAIR RIG	REPAIR EDS SYSTEM

14-23D-47 LC Tribal 8/20/2012 06:00 - 8/21/2012 06:00

API/UWI 43013340220000	State/Province UT	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status DRILLING	Total Depth (ftKB) 7,407.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	22.00	04:00	8	REPAIR RIG	REPAIR EDS SYSTEM
04:00	1.00	05:00	20	DIRECTIONAL WORK	PU DIR. TOOLS
05:00	1.00	06:00	8	REPAIR RIG	RIG LOST TONG HEAD FOR 8" TOOLS/TOOL PUSHER GOING TO GET ONE.

14-23D-47 LC Tribal 8/21/2012 06:00 - 8/22/2012 06:00

API/UWI 43013340220000	State/Province UT	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status DRILLING	Total Depth (ftKB) 7,407.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.50	09:30	20	DIRECTIONAL WORK	PU & MU BIT, MUD MTR, SHOCK SUB, 3-PT, UBHO, MONEL, GAP SUB/ADJUST MUD MTR DWN TO 1.5/SCRIBE & ORIENTATE

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
09:30	1.00	10:30	2	DRILL ACTUAL	DRILL ACTUAL/ 102'-192'/ WOB 22K/PUMP #1 65 / PUMP #2 65/ ROT RPM 45/ BIT RPM 92/ ROP 100
10:30	0.50	11:00	20	DIRECTIONAL WORK	INSTALL EM TOOL/MU MONEL
11:00	2.00	13:00	6	TRIPS	PU & MU 3-PT & 2-8" MONEL DC
13:00	16.50	05:30	2	DRILL ACTUAL	DRILL ACTUAL/ 192'-1,492'/ WOB 22K/PUMP #1 75 / PUMP #2 75/ ROT RPM 45/ BIT RPM 104/ ROP 78.78
05:30	0.50	06:00	5	COND MUD & CIRC	CIRC SWEEPS TO SURFACE

14-23D-47 LC Tribal 8/22/2012 06:00 - 8/23/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013340220000	UT	Duchesne	Brundage Canyon/Lake Canyon	DRILLING	7,407.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.00	09:00	6	TRIPS	WIPER TRIP TO 8" DC
09:00	0.50	09:30	5	COND MUD & CIRC	CIRC SWEEPS TO SURFACE
09:30	4.50	14:00	6	TRIPS	TOOH W/ BIT #1/ MUD MTR HAD 2" WASH OUT
14:00	4.00	18:00	12	RUN CASING & CEMENT	RU CASING CREW/HELD SAFETY MEETING/RUN 34 JTS 1,495.64' EVRAZ 9-5/8 J-55 36# 8RD ST&C 8RD Rng3 SURFACE CSG/CIRC 1,485' NO RETURNS/PUMP 2-80 BBL 25% LCM SWEEPS NO RETURNS CLEAR SWEEPS OUT OF SHOE/RD CASING CREW
18:00	4.00	22:00	12	RUN CASING & CEMENT	RU HALLIBURTON/TEST LINES @ 5,000 PSI PUMP 20 BBL H2O SPACER/40BBL SUPER FLUSH/ 20 BBL H2O SPACER/ 200 SKS 113 BBL 634 CU/FT 11.0PPG 3.16 YEILD 19.48 GAL/SK/235 SKS 56 BBL 314 CU/FT 14.8PPG 1.33 YEILD 6.31 GAL/SK DISPLACE 114.3 BBL DISPLACMENT H2O FLUID, FINAL LIFT 48 PSI, 2-BBLS OVER/SHUT IN CMT HEAD W/160PSI
22:00	3.00	01:00	13	WAIT ON CEMENT	WOC/CMT HEAD CLOSED HELD 3-HRS PER CMT TEST.
01:00	1.50	02:30	12	RUN CASING & CEMENT	TIH 130' 1" BRIDGED OFF/120' 1" IN HOLE FOR TOP JOB/RU/HALLIBURTON/PUMPED 2-BBLS H2O SPACER/125 SK 26 BBL 145.9 CU/FT OF 15.85 PPG 1.17 YD 5.02 GAL/SK 2% CAACL TOP JOB/DISPLACE 3-BBL H2O
02:30	2.00	04:30	13	WAIT ON CEMENT	WOC
04:30	1.50	06:00	12	RUN CASING & CEMENT	RU/HALLIBURTON/PUMPED 2-BBLS H2O SPACER/125 SK 26 BBL 145.9 CU/FT OF 15.85 PPG 1.17 YD 5.02 GAL/SK 2% CAACL TOP JOB/DISPLACE 3-BBL H2O

14-23D-47 LC Tribal 8/23/2012 06:00 - 8/24/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013340220000	UT	Duchesne	Brundage Canyon/Lake Canyon	DRILLING	7,407.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	13	WAIT ON CEMENT	WOC
07:00	0.50	07:30	12	RUN CASING & CEMENT	RU/HALLIBURTON/PUMPED 2-BBLS H2O SPACER/100 SK 20.8 BBL 116.7 CU/FT OF 15.85 PPG 1.17 YD 5.02 GAL/SK 2% CAACL TOP JOB/DISPLACE 3-BBL H2O
07:30	2.50	10:00	13	WAIT ON CEMENT	WOC/WAIT 1-HOUR FOR CMT TO ARRIVE
10:00	1.00	11:00	12	RUN CASING & CEMENT	RU/HALLIBURTON/PUMPED 2-BBLS H2O SPACER/100 SK 20.8 BBL 116.7 CU/FT OF 15.85 PPG 1.17 YD 5.02 GAL/SK 2% CAACL TOP JOB/DISPLACE 2-BBL H2O/8-BBLS CMT TO RESERVE PIT
11:00	3.00	14:00	13	WAIT ON CEMENT	WOC
14:00	8.00	22:00	14	NIPPLE UP B.O.P	ND CONDUCTOR PIPE/ROUGH CUT CASING/PREP-CSG & WELLHEAD/WELD ON WELLHEAD/NU CHOKE LINE, FLOW LINE, BOP, ROTATING HEAD, FLARE LINES/ RU KOOMEY HOUSE
22:00	7.00	05:00	15	TEST B.O.P	TIW, LOWER KELLY, INSIDE BOP, KILL INSIDE CHECK, INNER & OUTER CHOKE MANIFOLD VALVES, PIPE RAMS, BLIND RAMS, HCR VALVE, INSIDE KILL ALL TESTED 5000 PSI 10-MIN/250-5-MIN/ MANUAL CHOKE & POWER CHOKE @ 250 PSI 3-MIN/ CASING@1500 PSI 30-MIN/ ANN: 1500 PSI 10 MIN/B & C QUICK TEST/ PAUL OAKS TESTER
05:00	1.00	06:00	14	NIPPLE UP B.O.P	NU FLARE LINES & FLARE STACK

**14-23D-47 LC Tribal 8/24/2012 06:00 - 8/25/2012 06:00**

API/UWI 43013340220000	State/Province UT	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status DRILLING	Total Depth (ftKB) 7,407.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	14	NIPPLE UP B.O.P	RU FLARE LINES & FLARE STACK
08:00	4.00	12:00	8	REPAIR RIG	WAITING ON NEW LOWER TOP DRIVE VALVE
12:00	2.00	14:00	6	TRIPS	PU 33-JTS DP & SET IN DERRICK
14:00	2.00	16:00	8	REPAIR RIG	REPLACE LOWER TOP DRIVE VALVE
16:00	3.00	19:00	20	DIRECTIONAL WORK	PU & MU BIT, MUD MTR, SHOCK SUB, 3-PT REAMER, UBHO, MONEL, GAP SUB, INSTALL EM TOOL, MONEL, 3-PT REAMER/SCRIBE & ORIENTATE
19:00	5.00	00:00	8	REPAIR RIG	SHAKER MANIFOLD FULL 75& FULL OF CMT/RD FLOWLINE & CLEAN OUT CMT/RU FLOWLINE
00:00	1.50	01:30	6	TRIPS	TIH W/ BIT #1/INSTALL ROT RUBBER & CORROSION RING
01:30	1.50	03:00	8	REPAIR RIG	WORK ON FLOW LINE
03:00	0.50	03:30	6	TRIPS	TIH W/ BIT #1 TO 1,227' TAG CMT
03:30	2.50	06:00	3	REAMING	DRILL CMT & FLOAT EQUIPMENT/ F.C. @ 1,446'/ F. S. @ 1,492'

14-23D-47 LC Tribal 8/25/2012 06:00 - 8/26/2012 06:00

API/UWI 43013340220000	State/Province UT	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status DRILLING	Total Depth (ftKB) 7,407.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	2	DRILL ACTUAL	DRILL ACTUAL/ 1,492'-1,512'/ WOB 22K/PUMP #1 0/ PUMP #2 90/ ROT RPM 45/ BIT RPM 60/ ROP 40
06:30	0.50	07:00	21	OPEN	E.M.W. TEST 155 PSI = 10.5 PPG/LOST 11 PSI DOWN TO 144 PSI IN 5-MIN
07:00	1.00	08:00	8	REPAIR RIG	EDS MALFUNCTION
08:00	1.50	09:30	6	TRIPS	TOOH W/ BIT #2/FLOAT FAILED PACKED OFF BHA
09:30	2.50	12:00	21	OPEN	UN-PLUG BHA
12:00	1.50	13:30	6	TRIPS	TIH W/ BIT #2
13:30	1.00	14:30	5	COND MUD & CIRC	CIRC & CONDITION MUD
14:30	0.50	15:00	8	REPAIR RIG	TROUBLESHOOT EDS SYSTEM
15:00	0.50	15:30	2	DRILL ACTUAL	DRILL ACTUAL/ 1,512'-1,611'/ WOB 22K/PUMP #1 0/ PUMP #2 120/ ROT RPM 45/ BIT RPM 80/ ROP 99
15:30	0.50	16:00	7	LUBRICATE RIG	RIG SERVICE
16:00	14.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 1,611'-2,751'/ WOB 22K/PUMP #1 72/ PUMP #2 72/ ROT RPM 45/ BIT RPM 96/ ROP 81.42

14-23D-47 LC Tribal 8/26/2012 06:00 - 8/27/2012 06:00

API/UWI 43013340220000	State/Province UT	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status DRILLING	Total Depth (ftKB) 7,407.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.50	08:30	2	DRILL ACTUAL	DRILL ACTUAL/ 2,751'-2,915'/ WOB 22K/PUMP #1 70/ PUMP #2 70/ ROT RPM 45/ BIT RPM 96/ ROP 65.86/LOST RETURNS @ 2910'
08:30	2.50	11:00	5	COND MUD & CIRC	BUILD 15%-20% LCM IN PITS PUMP 300BBLs WITH NO LIFT PSI INCREASE
11:00	1.00	12:00	8	REPAIR RIG	TROUBLESHOOT EDS WITH NOV TECH
12:00	0.50	12:30	6	TRIPS	TOOH 10-STDS
12:30	0.50	13:00	5	COND MUD & CIRC	PUMP 100 BBLs NO LIFT PSI INCREASE OR RETURNS
13:00	1.50	14:30	6	TRIPS	TOOH W/ BIT #1/ SET BACK BHA
14:30	1.50	16:00	6	TRIPS	TIH OPEN ENDED
16:00	0.50	16:30	5	COND MUD & CIRC	BUILD 50 BBL POLY SWELL SWEEP NO PSI
16:30	0.50	17:00	6	TRIPS	TOOH TO 1800'
17:00	0.50	17:30	21	OPEN	WAIT ON ORDERS
17:30	0.50	18:00	6	TRIPS	TOOH
18:00	1.50	19:30	20	DIRECTIONAL WORK	MU DIR. TOOLS/LD 3-PT REAMERS/SCRIBE ORIENTATE/INSTALL EM TOOL
19:30	1.50	21:00	6	TRIPS	TIH T/ 2,350'
21:00	0.50	21:30	5	COND MUD & CIRC	BUILD HIGH VIS LCM SWEEPS

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
21:30	1.00	22:30	3	REAMING	WASH & REAM SLOWLY TO BTM NO RETURNS 2,305'-2,915'
22:30	7.50	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 2,915'-3,387'/ WOB 18K/PUMP #1 0/ PUMP #2 80/ ROT RPM 38/ BIT RPM 54/ ROP 62.93 ROP/DRILLING WITH NO RETURNS PULLING WATER OUT OF RESERVE PIT.

14-23D-47 LC Tribal 8/27/2012 06:00 - 8/28/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013340220000	UT	Duchesne	Brundage Canyon/Lake Canyon	DRILLING	7,407.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	5	COND MUD & CIRC	BUILD VOL
07:00	2.50	09:30	6	TRIPS	TOOH/SET BACK DIR TOOLS
09:30	1.00	10:30	6	TRIPS	TIH OPEN ENDED
10:30	0.50	11:00	5	COND MUD & CIRC	SPOT 90 BBLS 50% LCM PILL
11:00	0.50	11:30	6	TRIPS	TOOH TO SHOE
11:30	4.50	16:00	8	REPAIR RIG	CHANGE OUT BLOWER MOTOR ON TOP DRIVE/TROUBLESHOOT AND REPLACE PARTS AS NEEDED ON EDS SYSTEM/ESTABLISHED FLOW PUMPING 50% LCM DOWN HOLE WHILE REPAIRING RIG
16:00	0.50	16:30	7	LUBRICATE RIG	RIG SERVICE
16:30	6.50	23:00	5	COND MUD & CIRC	CONDITION MUD TO 40 % LCM
23:00	1.00	00:00	6	TRIPS	TOOH
00:00	0.50	00:30	20	DIRECTIONAL WORK	PU DIR. TOOLS
00:30	2.50	03:00	6	TRIPS	TIH W/BIT #2 25' A/MIN TO SHOE
03:00	3.00	06:00	3	REAMING	WASH & REAM 1492'-2850' @ 20'-25' A/MIN. MIANTAINING 25-30% FLOW WELL SEEPED 100 BBLS W/40% LCM & PUMPING 50% LCM SWEEPS

14-23D-47 LC Tribal 8/28/2012 06:00 - 8/29/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013340220000	UT	Duchesne	Brundage Canyon/Lake Canyon	DRILLING	7,407.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	3	REAMING	WASH & REAM 2850'-3387'/REAMING @ 10' MIN T/BTM
08:00	18.00	02:00	2	DRILL ACTUAL	DRILL ACTUAL/ 3,387'-4,664'/ WOB 18K/PUMP #1 0/ PUMP #2 120/ ROT RPM 42/ BIT RPM 80/ ROP 70.9
02:00	0.50	02:30	7	LUBRICATE RIG	RIG SERVICE
02:30	3.50	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 4,664'-4,830'/ WOB 18K/PUMP #1 0/ PUMP #2 120/ ROT RPM 42/ BIT RPM 80/ ROP 47.42

14-23D-47 LC Tribal 8/29/2012 06:00 - 8/30/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013340220000	UT	Duchesne	Brundage Canyon/Lake Canyon	DRILLING	7,407.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	11.00	17:00	2	DRILL ACTUAL	DRILL ACTUAL F/4830' - T/5683'
17:00	0.50	17:30	7	LUBRICATE RIG	LUBRICATE RIG
17:30	12.50	06:00	2	DRILL ACTUAL	DRILL ACTUAL F/5683' - T/6446

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corporation Rig Name/# Patterson 313
Submitted By Jody South Phone Number 303-353-5394
Well Name/Number LC Tribal 14-23D-47
Qtr/Qtr SWSE Section 23 Township 4S Range 7W
Lease Serial Number 14-20-H62-5500
API Number 43-013-34022

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

Date/Time _____ AM PM

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

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

RECEIVED
SEP 02 2012
DIV. OF OIL, GAS & MINING

Date/Time 09/03/2012 23:00 AM PM

BOPE

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

Date/Time _____ AM PM

Remarks RUN PRODUCTION CASING & CEMENT

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5500
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: LC TRIBAL 14-23D-47	
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013340220000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1231 FSL 1755 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 23 Township: 04.0S Range: 07.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:		
<input type="checkbox"/> SPUD REPORT Date of Spud:		
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 9/30/2012		
<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. September 2012 monthly drilling activity report is attached.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 05, 2012		
NAME (PLEASE PRINT) Megan Finnegan	PHONE NUMBER 303 299-9949	TITLE Permit Analyst
SIGNATURE N/A	DATE 10/2/2012	

**14-23D-47 LC Tribal 9/1/2012 06:00 - 9/2/2012 06:00**

API/UWI 43013340220000	State/Province UT	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status COMPLETION	Total Depth (ftKB) 7,407.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.50	07:30	6	TRIPS	TIH/STUCK @ 3800'
07:30	11.00	18:30	21	OPEN	WORKING PIPE TRYING TO GET FREE
18:30	3.50	22:00	6	TRIPS	TOOH/FILL CONTINUALLY WITH CHARGE PUMP
22:00	1.50	23:30	21	OPEN	LAYOUT & CLEAN COLLARS
23:30	2.50	02:00	6	TRIPS	TIH
02:00	2.50	04:30	3	REAMING	WASH & REAM F/3000' - T/4500'
04:30	1.50	06:00	5	COND MUD & CIRC	CONDITION MUD & CIRCULATE/GET SYSTEM MUDDED UP TO 9.2 PPG

14-23D-47 LC Tribal 9/2/2012 06:00 - 9/3/2012 06:00

API/UWI 43013340220000	State/Province UT	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status COMPLETION	Total Depth (ftKB) 7,407.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	5.00	11:00	6	TRIPS	TIH
11:00	2.00	13:00	5	COND MUD & CIRC	CIRCULATE OUT HEAVY LCM
13:00	4.00	17:00	6	TRIPS	TOOH/TIGHT HOLE AT 5900'
17:00	0.50	17:30	7	LUBRICATE RIG	LUBRICATE RIG
17:30	1.50	19:00	20	DIRECTIONAL WORK	P/U TOOLS & MUD MOTOR
19:00	4.50	23:30	6	TRIPS	TIH/WASH & REAM
23:30	6.50	06:00	2	DRILL ACTUAL	DRILL ACTUAL F/6647' - T/7407'

14-23D-47 LC Tribal 9/3/2012 06:00 - 9/4/2012 06:00

API/UWI 43013340220000	State/Province UT	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status COMPLETION	Total Depth (ftKB) 7,407.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	5	COND MUD & CIRC	CONDITION MUD & CIRCULATE
07:00	1.00	08:00	6	TRIPS	TOOH/20 STANDS
08:00	0.50	08:30	6	TRIPS	TIH/20 STANDS
08:30	1.00	09:30	5	COND MUD & CIRC	CONDITION MUD & CIRCULATE
09:30	3.50	13:00	6	TRIPS	TOOH FOR LOGS
13:00	1.00	14:00	20	DIRECTIONAL WORK	L/D TOOLS
14:00	7.00	21:00	11	WIRELINE LOGS	OPEN HOLE LOGS
21:00	6.00	03:00	12	RUN CASING & CEMENT	RUN 171 JTS 7397' 5.5" 17# P-110 LT&C W/2 MARKERS & 69 CENTRALIZERS
03:00	1.00	04:00	5	COND MUD & CIRC	CONDITION MUD & CIRCULATE
04:00	2.00	06:00	12	RUN CASING & CEMENT	CEMENTING

14-23D-47 LC Tribal 9/4/2012 06:00 - 9/4/2012 10:00

API/UWI 43013340220000	State/Province UT	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status COMPLETION	Total Depth (ftKB) 7,407.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.50	08:30	12	RUN CASING & CEMENT	PUMP 20 BBL H2O SPACER/40BBLs SUPER FLUSH/ 20 BBL H2O SPACER/ 540 SKS 224 BBLs 1,254.72 CU/FT 11.0PPG 2.33 YEILD 10.66 GAL/SK/540SKS 149 BBLs 836.60CU/FT 13.5PPG 1.42 YEILD 6.65 GAL/SK DISPLACE 170.5 BBLs DISPLACEMENT H2O W/CLAYWEB FLUID, FINAL LIFT 1580 PSI, BUMP PLUG @ 2,280 PSI HELD 3-MIN.FLOATS HELD.RD HALLIBURTON
08:30	1.50	10:00	14	NIPPLE UP B.O.P	ND BOP/ PU 155 K 30K OVER ST WT SET SLIPS @ 155K/CUT OFF/RELEASE RIG @ 10:00 ON 9/4/12

**14-23D-47 LC Tribal 9/17/2012 06:00 - 9/18/2012 06:00**

API/UWI 43013340220000	State/Province UT	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status COMPLETION	Total Depth (ftKB) 7,407.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	Clean Out Cellar

14-23D-47 LC Tribal 9/19/2012 06:00 - 9/20/2012 06:00

API/UWI 43013340220000	State/Province UT	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status COMPLETION	Total Depth (ftKB) 7,407.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.50	07:30	LOCL	Lock Wellhead & Secure	Well Secured With 11" Night Cap. BackFill Cellar
07:30	2.00	09:30	IWHD	Install Wellhead	Safety Meeting With Cameron, Check Surface Casing & 5.5" For Pressure, 0 Psi On Both Sides.N/D 11" Night Cap, Cleaned And Dressed Up 5.5" Csg Top, Set And N/U 11" x 7 1/16" 5k Tbg. Head With 2 1/16' x 5k Gate Valves. Tested Hanger Seals To 7100 Psi, Good Test. Secured Well Head With 7" 5K Night Cap.
09:30	0.50	10:00	SRIG	Rig Up/Down	HES WireLine Crew On Location At 0630 Hrs.. Wait For Tubing Head To Be Set. Rig Up Junk Basket/Gauge Ring.
10:00	6.50	16:30	LOGG	Logging	P/U Junk Basket/Gauge Ring. RIH, Tagged Up At 7,289', Drilling Report Shows FC At 7,351', 62' Of Fill. POOH, P/U CBL Tool, Rih To PBTD, 7,289', Correlating To HES Spectral Density/ Dual Spaced Neutron Dated 09-11-2012. Run Repeat Section From 7,289 - 7,050', Log Up Hole. Showed Good Bond From TD To 2,800', 2,800' - 1,270' Fair. TOC 1,270'. Ran With Pressure. Found Short Joints At 6,765 - 6,787' And 4,836 - 4,858'. Pooh, RD Equipment, MOL.
16:30	0.50	17:00	SRIG	Rig Up/Down	LD Tools. Prep For 16-23D-47
17:00	13.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured.
06:00		06:00			

14-23D-47 LC Tribal 9/27/2012 00:00 - 9/28/2012 06:00

API/UWI 43013340220000	State/Province UT	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status COMPLETION	Total Depth (ftKB) 7,407.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
00:00		00:00	GOP	General Operations	CONSTRUCTION COMPLETE. INSULATING. START MOVING IN FRAC LINE. UNABLE TO GET PIT FILLED.

14-23D-47 LC Tribal 9/28/2012 06:00 - 9/29/2012 06:00

API/UWI 43013340220000	State/Province UT	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status COMPLETION	Total Depth (ftKB) 7,407.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	CHECK PRESSURES ON WELL. ND NIGHT CAP. NU FRAC MANDRELL. SET AND NIPPLE UP FRAC VALVES. PLUMB IN SAND TRAPS. PRES TEST CSG AND VALVES TO 8350 PSI. PRES TEST FB EQIP TO 2000 PSI. SET FBT. CONT SETTING FRAC LINE. FILLING FRAC LINE.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5500
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: LC TRIBAL 14-23D-47
2. NAME OF OPERATOR: BILL BARRETT CORP		9. API NUMBER: 43013340220000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1231 FSL 1755 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 23 Township: 04.0S Range: 07.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 10/31/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> REPAIR TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. October 2012 monthly drilling activity report is attached.		
		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 07, 2012
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A		DATE 11/7/2012

**14-23D-47 LC Tribal 10/1/2012 06:00 - 10/2/2012 06:00**

API/UWI 43013340220000	State/Province UT	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status PRODUCING	Total Depth (ftKB) 7,407.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.25	06:15	LOCL	Lock Wellhead & Secure	HES Crew On Location At 0400 Hrs., Prime Chemical And Fluid Pumps, Pressure Test To 9000 Psi., Ran QC On Fluid, Looks Good.
06:15	0.25	06:30	SMTG	Safety Meeting	Safety Meeting. Talk About Smoking Area, PPE, Escape And Mustering Areas, Communication, And Red Zone.
06:30	1.34	07:50	FRAC	Frac. Job	<p>Frac Stage 1. Fluid System: Hybor G 16 Open Well, 45 Psi. ICP. BrokeDown At 9.0 Bpm And 2,842 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 70.0 Bpm And 2,602 Psi., Get ISIP, 1,188 Psi.. 0.61 Psi./Ft. F.G.. 43/45 Holes. Con't With SlickWater Pad, 48,492 Gals.. Stage Into Hybor Pad, 70.3 Bpm At 2,597 Psi.. On Perfs, 70.3 Bpm At 2,678 Psi., 12,312 Gals. Stage Into 2# 20/40 White Prop, 70.1 Bpm At 2,718 Psi.. On Perfs, 69.3 Bpm At 2,440 Psi., 8,022 Gals. Stage Into 3# 20/40 White Prop, 69.3 Bpm At 2,408 Psi.. On Perfs, 69.4 Bpm At 2,129 Psi., 23,529 Gals. Stage Into 3.5# 20/40 White Prop, 69.5 Bpm At 2,061 Psi.. On Perfs, 69.6 Bpm At 1,982 Psi., 9,029 Gals. Stage Into 4# 20/40 White Prop, 69.6 Bpm At 1,977 Psi.. On Perfs, 69.5 Bpm At 1,898 Psi., 9,401 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 1,243 Psi.. 0.62 Psi./Ft. F.G.. WSI And Secured. Total 20/40 White - 149,900# Total Clean - 130,181 Gals.. 3,100 Bbls.. 2% KCL - 62,293 Gals.. 1,483 Bbls.. Produced Water - 65,926 Gals.. 1,570 Bbls.. BWTR - 3,257 Bbls. Max. Rate - 71.1 Bpm Avg. Rate - 69.8 Bpm Max. Psi. - 2,718 Psi. Avg. Psi. - 2,417 Psi.</p>
07:50	0.25	08:05	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
08:05	1.17	09:15	PFRT	Perforating	<p>RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES Spectral Density/ Dual Spaced Neutron Dated 09-11-2012 And HES CBL/CCL Dated 09/19/2012. Found And Correlated To Short Joint At 6,765 - 6,787'. Drop Down To Depth, Set CBP At 6,966', 1,150 Psi.. Perforate Stage 2 CR-4/CR-3 Zone, 6,673 - 6,946'. 45 Holes. 1,150 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.</p>
09:15	0.42	09:40	GOP	General Operations	Well Turned Over To HES. Finish 16-23D-47 Stage 1 Frac At 09:20. Pressure Test To 8500#. Equalize, Open To Well.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
09:40	1.08	10:45	FRAC	Frac. Job	<p>Frac Stage 2. Fluid System: Hybor G 16 Open Well, 1087 Psi. ICP. BrokeDown At 9.3 Bpm And 2,422 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 71.0 Bpm And 4,254 Psi., Get ISIP, 1,136 Psi.. 0.61 Psi./Ft. F.G.. 28/45 Holes. Con't With SlickWater Pad, 51,629 Gals.. Stage Into Hybor Pad, 71.4 Bpm At 3,391 Psi.. On Perfs, 71.4 Bpm At 3,489 Psi., 13,034 Gals. Stage Into 2# 20/40 White Prop, 71.5 Bpm At 3,321 Psi.. On Perfs, 70.4 Bpm At 3,048 Psi., 7,726 Gals. Stage Into 3# 20/40 White Prop, 70.5 Bpm At 2,947 Psi.. On Perfs, 70.7 Bpm At 2,536 Psi., 27,794 Gals. Stage Into 3.5# 20/40 White Prop, 70.7 Bpm At 2,455 Psi.. On Perfs, 70.6 Bpm At 2,414 Psi., 8,713 Gals. Stage Into 4# 20/40 White Prop, 70.6 Bpm At 2,416 Psi.. On Perfs, 70.8 Bpm At 2,358 Psi., 9,148 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 1,295 Psi.. 0.62 Psi./Ft. F.G.. WSI And Secured. Total 20/40 White - 160,000# Total Clean - 136,641 Gals.. 3,253 Bbls.. 2% KCL - 66,415 Gals.. 1,581 Bbls.. Produced Water - 68,319 Gals.. 1,627 Bbls.. BWTR - 3,426 Bbls. Max. Rate - 71.5 Bpm Avg. Rate - 70.9 Bpm Max. Psi. - 6,751 Psi. Avg. Psi. - 3,098 Psi.</p>
10:45	0.25	11:00	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
11:00	1.00	12:00	PFRT	Perforating	<p>RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES Spectral Density/ Dual Spaced Neutron Dated 09-11-2012 And HES CBL/CCL Dated 09/19/2012. Found And Correlated To Short Joint At 4,836 - 4,858'. Drop Down To Depth, Set CBP At 6,655', 1,100 Psi.. Perforate Stage 3 CR-3/CR-2 Zone, 6,384 - 6,635'. 45 Holes. 1,100 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.</p>
12:00	18.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. ShutDown And Secure Equipment. Reload Water And Sand. SDFD.

14-23D-47 LC Tribal 10/2/2012 06:00 - 10/3/2012 06:00

API/UWI 43013340220000	State/Province UT	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status PRODUCING	Total Depth (ftKB) 7,407.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.00	06:00	LOCL	Lock Wellhead & Secure	HES Crew On Location At 0400 Hrs., Prime Chemical And Fluid Pumps, Pressure Test To 9000 Psi., Ran QC On Fluid, Looks Good.
06:00	0.09	06:05	SMTG	Safety Meeting	Safety Meeting. Talk About Smoking Area, PPE, Escape And Mustering Areas, Communication, And Red Zone.
06:05	1.42	07:30	GOP	General Operations	Wait On 16-23D-47 Stage 3 Frac



Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
07:30	1.08	08:35	FRAC	Frac. Job	<p>Frac Stage 3. Fluid System: Hybor G 16 Open Well, 970 Psi. ICP. BrokeDown At 9.4 Bpm And 2,000 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 70.0 Bpm And 2,937 Psi., Get ISIP, 1,256 Psi.. 0.63 Psi./Ft. F.G.. 38/45 Holes. Con't With SlickWater Pad, 48,404 Gals.. Stage Into Hybor Pad, 69.9 Bpm At 2,584 Psi.. On Perfs, 70.0 Bpm At 2,689 Psi., 12,206 Gals. Stage Into 2# 20/40 White Prop, 69.8 Bpm At 2,717 Psi.. On Perfs, 69.1 Bpm At 2,487 Psi., 7,469 Gals. Stage Into 3# 20/40 White Prop, 69.1 Bpm At 2,437 Psi.. On Perfs, 69.1 Bpm At 2,238 Psi., 25,446 Gals. Stage Into 3.5# 20/40 White Prop, 69.1 Bpm At 2,127 Psi.. On Perfs, 69.1 Bpm At 2,099 Psi., 8,440 Gals. Stage Into 4# 20/40 White Prop, 69.2 Bpm At 2,115 Psi.. On Perfs, 69.0 Bpm At 2,176 Psi., 8,570 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 1,374 Psi.. 0.65 Psi./Ft. F.G.. WSI And Secured. Total 20/40 White - 149,900# Total Clean - 128,585 Gals.. 3,062 Bbls.. 2% KCL - 62,131 Gals.. 1,479 Bbls.. Produced Water - 64,523 Gals.. 1,536 Bbls.. BWTR - 3,220 Bbls. Max. Rate - 70.1 Bpm Avg. Rate - 69.4 Bpm Max. Psi. - 3,851 Psi. Avg. Psi. - 2,473 Psi.</p>
08:35	0.25	08:50	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
08:50	1.00	09:50	PFRT	Perforating	<p>RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES Spectral Density/ Dual Spaced Neutron Dated 09-11-2012 And HES CBL/CCL Dated 09/19/2012. Found And Correlated To Short Joint At 4,836 - 4,858'. Drop Down To Depth, Set CBP At 6,376', 1,100 Psi.. Perforate Stage 4 Wasatch/CR-1A Zone, 6,115 - 6,364'. 45 Holes. 1,100 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.</p>
09:50	0.83	10:40	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.
10:40	1.08	11:45	FRAC	Frac. Job	<p>Frac Stage 4. Fluid System: Hybor G 16 Open Well, 1020 Psi. ICP. BrokeDown At 13.8 Bpm And 1,489 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 69.7 Bpm And 3,685 Psi., Get ISIP, 1,077 Psi.. 0.61 Psi./Ft. F.G.. 32/45 Holes. Con't With SlickWater Pad, 48,373 Gals.. Stage Into Hybor Pad, 70.0 Bpm At 2,718 Psi.. On Perfs, 70.1 Bpm At 2,786 Psi., 12,225 Gals. Stage Into 2# 20/40 White Prop, 70.0 Bpm At 2,820 Psi.. On Perfs, 69.1 Bpm At 2,536 Psi., 7,151 Gals. Stage Into 3# 20/40 White Prop, 69.1 Bpm At 2,453 Psi.. On Perfs, 69.1 Bpm At 2,170 Psi., 26,389 Gals. Stage Into 3.5# 20/40 White Prop, 69.3 Bpm At 1,996 Psi.. On Perfs, 69.2 Bpm At 1,937 Psi., 8,145 Gals. Stage Into 4# 20/40 White Prop, 69.2 Bpm At 1,934 Psi.. On Perfs, 69.2 Bpm At 1,931 Psi., 8,300 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 1,213 Psi.. 0.63 Psi./Ft. F.G.. WSI And Secured. Total 20/40 White - 150,100# Total Clean - 128,182 Gals.. 3,052 Bbls.. 2% KCL - 62,210 Gals.. 1,481 Bbls.. Produced Water - 64,033 Gals.. 1,525 Bbls.. BWTR - 3,212 Bbls. Max. Rate - 71.3 Bpm Avg. Rate - 69.5 Bpm Max. Psi. - 4,662 Psi. Avg. Psi. - 2,608 Psi.</p>
11:45	0.25	12:00	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
12:00	1.00	13:00	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES Spectral Density/ Dual Spaced Neutron Dated 09-11-2012 And HES CBL/CCL Dated 09/19/2012. Found And Correlated To Short Joint At 4,836 - 4,858'. Drop Down To Depth, Set CBP At 6,082', 1,000 Psi.. Perforate Stage 5 CR-1/UteLand Butte/Castle Peak Zone, 5,806 - 6,062'. 45 Holes. 900 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
13:00	17.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. ShutDown And Secure Equipment. Reload Water And Sand. SDFD.

14-23D-47 LC Tribal 10/3/2012 06:00 - 10/4/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013340220000	UT	Duchesne	Brundage Canyon/Lake Canyon	PRODUCING	7,407.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.00	06:00	LOCL	Lock Wellhead & Secure	HES Crew On Location At 0500 Hrs., Prime Chemical And Fluid Pumps, Pressure Test To 9000 Psi., Ran QC On Fluid, Looks Good.
06:00	0.00	06:00	SMTG	Safety Meeting	Safety Meeting. Talk About Smoking Area, PPE, Escape And Mustering Areas, Communication, And Red Zone.
06:00	1.25	07:15	FRAC	Frac. Job	Frac Stage 5. Fluid System: Hybor G 16 Open Well, 610 Psi. ICP. BrokeDown At 9.8 Bpm And 931 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 69.6 Bpm And 3,659 Psi., Get ISIP, 873 Psi.. 0.59 Psi./Ft. F.G.. 30/45 Holes. Con't With SlickWater Pad, 51,618 Gals.. Stage Into .75# 100 Mesh, 70.0 Bpm At 2,606 Psi.. On Perfs, 70.1 Bpm At 2,428 Psi., 19,325 Gals. Stage Into 1# 20/40 White Prop, 70.1 Bpm At 2,308 Psi.. On Perfs, 69.3 Bpm At 2,242 Psi., 6,962 Gals. Stage Into 2# 20/40 White Prop, 69.3 Bpm At 2,214 Psi.. On Perfs, 69.3 Bpm At 2,053 Psi., 6,961 Gals. Stage Into 3# 20/40 White Prop, 69.2 Bpm At 2,041 Psi.. On Perfs, 69.2 Bpm At 1,927 Psi., 28,050 Gals. Stage Into 3.5# 20/40 White Prop, 69.1 Bpm At 2,015 Psi.. On Perfs, 69.1 Bpm At 2,035 Psi., 7,892 Gals. Stage Into 4# 20/40 White Prop, 69.0 Bpm At 2,079 Psi.. On Perfs, 69.0 Bpm At 2,146 Psi., 8,218 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 987 Psi.. 0.61 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 14,470# Total 20/40 White - 159,930# Total Clean - 146,196 Gals.. 3,481 Bbls.. 2% KCL - 77,408 Gals.. 1,843 Bbls.. Produced Water - 66,824 Gals.. 1,591 Bbls.. BWTR - 3,654 Bbls. Max. Rate - 70.2 Bpm Avg. Rate - 69.4 Bpm Max. Psi. - 2,606 Psi. Avg. Psi. - 2,121 Psi.
07:15	0.17	07:25	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
07:25	1.00	08:25	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES Spectral Density/ Dual Spaced Neutron Dated 09-11-2012 And HES CBL/CCL Dated 09/19/2012. Found And Correlated To Short Joint At 4,836 - 4,858'. Drop Down To Depth, Set CBP At 5,780', 800 Psi.. Perforate Stage 6 Castle Peak/Black Shale Zone, 5,407 - 5,743'. 45 Holes. 650 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
08:25	0.75	09:10	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
09:10	1.17	10:20	FRAC	Frac. Job	<p>Frac Stage 6. Fluid System: Hybor G 16 Open Well, 597 Psi. ICP. BrokeDown At 9.7 Bpm And 1,299 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 70.2 Bpm And 2,594 Psi., Get ISIP, 829 Psi.. 0.59 Psi./Ft. F.G.. 31/45 Holes. Con't With SlickWater Pad, 48,365 Gals.. Stage Into .75# 100 Mesh, 71.6 Bpm At 2,371 Psi.. On Perfs, 71.6 Bpm At 2,369 Psi., 18,080 Gals. Stage Into 1# 20/40 White Prop, 71.1 Bpm At 2,212 Psi.. On Perfs, 71.0 Bpm At 2,184 Psi., 6,518 Gals. Stage Into 2# 20/40 White Prop, 70.9 Bpm At 2,152 Psi.. On Perfs, 70.8 Bpm At 1,948 Psi., 6,541 Gals. Stage Into 3# 20/40 White Prop, 70.7 Bpm At 1,933 Psi.. On Perfs, 70.6 Bpm At 1,841 Psi., 26,115 Gals. Stage Into 3.5# 20/40 White Prop, 70.7 Bpm At 1,782 Psi.. On Perfs, 70.8 Bpm At 1,754 Psi., 7,558 Gals. Stage Into 4# 20/40 White Prop, 70.7 Bpm At 1,747 Psi.. On Perfs, 70.6 Bpm At 1,738 Psi., 7,250 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 1,049 Psi.. 0.63 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 13,520# Total 20/40 White - 149,680# Total Clean - 137,296 Gals.. 3,269 Bbls.. 2% KCL - 72,062 Gals.. 1,716 Bbls.. Produced Water - 63,288 Gals.. 1,507 Bbls.. BWTR - 3,442 Bbls. Max. Rate - 71.7 Bpm Avg. Rate - 70.9 Bpm Max. Psi. - 2,390 Psi. Avg. Psi. - 1,979 Psi.</p>
10:20	0.25	10:35	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up CBP Plug Assembly. Equalize To Well Pressure.
10:35	1.00	11:35	PFRT	Perforating	<p>RIH With 3 1/8" Sinker Bars And CBP Assembly. Correlating To HES Spectral Density/ Dual Spaced Neutron Dated 09-11-2012 And HES CBL/CCL Dated 09/19/2012. Found And Correlated To Short Joint At 4,836 - 4,858'. Drop Down To Depth, Set CBP At 5,370', 750 Psi.. Bleed Pressure Off Well. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.</p>
11:35	0.42	12:00	SRIG	Rig Up/Down	RigDown HES And SLB, MOL.
12:00	18.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured.

14-23D-47 LC Tribal 10/5/2012 00:00 - 10/6/2012 00:00

API/UWI 43013340220000	State/Province UT	County Duchesne	Field Name Brundage Canyon/Lake Canyon	Well Status PRODUCING	Total Depth (ftKB) 7,407.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
00:00	1.00	01:00	CTRL	Crew Travel	CREW TRAVEL. HOLD SAFETY MEETING.
01:00	1.50	02:30	SRIG	Rig Up/Down	MIRU BASIC 1584.
02:30	1.50	04:00	BOPI	Install BOP's	N/D FRAC TREE. N/U BOP. R/U FLOOR & EQUIPMENT. SPOT CATWALK & PIPE RACKS. LOAD 244 JTS OF NEW 2-7/8 TBG ON RACKS & TALLY TBG.
04:00	5.00	09:00	RUTB	Run Tubing	P/U 4-3/4 BIT, POBS, 1 JT TBG & XN- NIPPLE. RIH TO KILL PLUG @ 5370' P/U TBG.
09:00	4.00	13:00	DOPG	Drill Out Plugs	<p>R/U POWER SWIVEL. D/O KILL PLUG @ 5370'. CFP- 300 PSI ON 26/64 CHOKE.</p> <p>SWIVEL IN HOLE. C/O SAND & D/O CBP @ 5780'. CFP- 400.</p> <p>SWIVEL IN HOLE. C/O SAND & D/O CBP @ 6082'. CFP- 450.</p> <p>SWIVEL IN HOLE. C/O SAND & D/O CBP @ 6376'. CFP- 450.</p> <p>SWIVEL IN HOLE. C/O SAND & D/O CBP @ 6655'. CFP- 400.</p> <p>SWIVEL IN HOLE. C/O SAND & D/O CBP @ 6966'. CFP- 550. CIRC WELL CLEAN. R/D SWIVEL.</p>
13:00	1.00	14:00	PULT	Pull Tubing	PULL ABOVE PERFS. SWIFN.
14:00	1.00	15:00	CTRL	Crew Travel	CREW TRAVEL.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
15:00	9.00	00:00	LOCL	Lock Wellhead & Secure	WELL SHUT IN & SECURE.

14-23D-47 LC Tribal 10/6/2012 00:00 - 10/7/2012 00:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013340220000	UT	Duchesne	Brundage Canyon/Lake Canyon	PRODUCING	7,407.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
00:00	1.00	01:00	CTRL	Crew Travel	CREW TRAVEL. HOLD SAFETY MEETING.
01:00	1.00	02:00	RUTB	Run Tubing	SICP- 550. RIH F/ TOP OF PERFS W/ 4-3/4 BIT, TAG SAND @ 7135'.
02:00	2.50	04:30	CLN	Clean Out Hole	R/U POWER SWIVEL. BREAK CIRC. C/O SAND TO FLOAT COLLAR @ 7350'. D/O F/C & C/O CMT TO 5375'. CIRC WELL CLEAN FOR 1 HR. R/D SWIVEL.
04:30	1.00	05:30	PULT	Pull Tubing	POOH TO 5391' L/D 2-7/8 TBG & LAND TBG. 169 JTS TOTAL IN HOLE.
05:30	1.00	06:30	IWHD	Install Wellhead	R/D FLOOR. N/D BOP. N/U WELLHEAD. DROP BALL DOWN TBG & PUMPED BIT OFF @ 2500 PSI. R/U TBG TO SALES LINE. TURN WELL OVER TO FLOW BACK.
06:30	1.00	07:30	SRIG	Rig Up/Down	R/D RIG & EQUIPMENT. SPOT RIG IN ON 16-23D-47.
07:30	16.50	00:00	FBCK	Flowback Well	FLOW WELL TO PRODUCTION.

14-23D-47 LC Tribal 10/23/2012 00:00 - 10/24/2012 00:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013340220000	UT	Duchesne	Brundage Canyon/Lake Canyon	PRODUCING	7,407.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
00:00	1.00	01:00	SRIG	Rig Up/Down	MIRU RIG & EQUIPMENT.
01:00	1.50	02:30	WKLL	Kill Well	R/U D&M. KILL WELL W/ 225 BBL'S.
02:30	1.00	03:30	BOPI	Install BOP's	N/D WELLHEAD. N/U BOP. R/U FLOOR & EQUIPMENT.
03:30	2.00	05:30	PULT	Pull Tubing	START POOH W/ BHA. PULLED 60 JT'S. OPEN CSG TO SALES LINE. SDFN.
05:30	1.00	06:30	CTRL	Crew Travel	CREW TRAVEL.
06:30	17.50	00:00	LOCL	Lock Wellhead & Secure	WELL SECURE.

14-23D-47 LC Tribal 10/24/2012 00:00 - 10/25/2012 00:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013340220000	UT	Duchesne	Brundage Canyon/Lake Canyon	PRODUCING	7,407.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
00:00	1.00	01:00	CTRL	Crew Travel	CREW TRAVEL. HOLD SAFETY MEETING.
01:00	5.00	06:00	WKLL	Kill Well	R/U D&M. KILL WELL W/ 260 BBL'S. R/U WASHINGTON HEAD.
06:00	2.00	08:00	PULT	Pull Tubing	FINISH POOH W/ BOTTOM HALF POBS.
08:00	5.00	13:00	BOPR	Remove BOP's	RIH W/ 5-1/2 TAC 1/4 TURN. N/D BOP. ATTEMPT TO SET TAC, NO LUCK. WELL STARTING TO FLOW. P/U HANGER. SHUT WELL IN. OPEN CSG TO SALES. 166 JTS. TAC. 1/4 TURN LH. 1 JT. S/N. 4' PUP. DESANDER. 5 JTS. BULL PLUG.
13:00	1.00	14:00	CTRL	Crew Travel	CREW TRAVEL.
14:00	10.00	00:00	LOCL	Lock Wellhead & Secure	WELL SECURE.

14-23D-47 LC Tribal 10/25/2012 00:00 - 10/26/2012 00:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013340220000	UT	Duchesne	Brundage Canyon/Lake Canyon	PRODUCING	7,407.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
00:00	1.00	01:00	CTRL	Crew Travel	CREW TRAVEL. HOLD SAFETY MEETING.
01:00	2.50	03:30	GOP	General Operations	ATTEMPT TO SET TAC, NO LUCK. N/U BOP. R/U FLOOR & EQUIPMENT. R/U WASHINGTON HEAD.
03:30	3.00	06:30	PULT	Pull Tubing	POOH W/ 62 JTS, WELL FLOWING. KILL WELL W/ 120 BBL'S. FINISH POOH W/ TAC.
06:30	2.00	08:30	RUTB	Run Tubing	RIH W/ NEW 5-1/2 TAC 1/4 TURN RH SET. N/D BOP. SET TAC 5636'. SN @ 5669', EOT@ 5851'. 177 JTS. TAC. 1/4 TURN RH. 15K TENSION. 1 JT. S/N. 4' PUP. DESANDER. 5 JTS. BULL PLUG.
08:30	1.00	09:30	GOP	General Operations	R/U ROD EQUIPMENT. FLUSH TBG W/ 60 BBL'S.
09:30	3.50	13:00	RURP	Run Rods & Pump	P/U ROD PUMP & PRIME. START RIH W/ PUMP P/U RODS. 34- 1" & 123- 3/4". P/U POLISH ROD. SHUT IN TBG. OPEN CSG TO SALES. SDFN.
13:00	1.00	14:00	CTRL	Crew Travel	CREW TRAVEL.
14:00	10.00	00:00	LOCL	Lock Wellhead & Secure	WELL SECURE.

14-23D-47 LC Tribal 10/26/2012 00:00 - 10/27/2012 00:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013340220000	UT	Duchesne	Brundage Canyon/Lake Canyon	PRODUCING	7,407.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
00:00	1.00	01:00	CTRL	Crew Travel	CREW TRAVEL. HOLD SAFETY MEETING.
01:00	2.00	03:00	RURP	Run Rods & Pump	FINISH RIH W/ ROD PUMP P/U RODS. SPACE OUT & SEAT PUMP. TEST TBG TO 800 PSI, HELD. PUMP 25-150-RHBC-20-5-21'. SHEAR SUB. 34- 1" RODS. 123- 3/4" RODS. 67- 7/8" RODS. PONY. 2', 6', 8'. 30' POLISH ROD.
03:00	1.00	04:00	SRIG	Rig Up/Down	R/D RIG & EQUIPMENT. WELL ON PRODUCTION.
04:00	20.00	00:00	LOCL	Lock Wellhead & Secure	WELL SECURE.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5500	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE	
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: LC TRIBAL 14-23D-47	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43013340220000	
PHONE NUMBER: 303 312-8164 Ext		9. FIELD and POOL or WILDCAT: WILDCAT	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1231 FSL 1755 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 23 Township: 04.0S Range: 07.0W Meridian: U		COUNTY: DUCHESNE	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/8/2012 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
This well had first oil sales on 10/17/2012 and first gas sales on 11/08/2012.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 15, 2012			
NAME (PLEASE PRINT) Venessa Langmacher		PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst
SIGNATURE N/A		DATE 11/12/2012	

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

ENTITY ACTION FORM

Operator: Bill Barrett Corporation
Address: 1099 18th Street, Suite 2300
city Denver
state CO zip 80202

Operator Account Number: N 2165
Phone Number: (303) 312-8172

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301334022	LC Tribal 14-23D-47		SWSE	23	4S	7W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	18616	18616	7/11/2012		10/17/2012		
Comments: <u>GR and WSTC formations</u> <u>BHL:</u> 11/29/2012							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301351180	LC Tribal 16-23D-47		SWSE	23	4S	7W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	18617	18617	7/13/2012		10/12/2012		
Comments: <u>GR and WSTC formations</u> <u>BHL: sese</u> 11/29/2012							

Well 3

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

ACTION CODES:

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

Venessa Langmacher

Name (Please Print)

Venessa Langmacher

Signature

Sr Permit Analyst

Title

11/29/2012

Date

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NOV 29 2012

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
20G0005500

1a. Type of Well Oil Well Gas Well Dry Other
 b. Type of Completion New Well Work Over Deepen Plug Back Diff. Rcsvr.
 Other _____

6. If Indian, Allottee or Tribe Name _____
 7. Unit or CA Agreement Name and No. _____

2. Name of Operator **BILL BARRETT CORPORATION** Contact: **JULIE WEBB**
 E-Mail: **jwebb@billbarrettcorp.com**

8. Lease Name and Well No.
LC TRIBAL 14-23D-47

3. Address **1099 18TH STREET SUITE 2300** 3a. Phone No. (include area code)
DENVER, CO 80202 Ph: **303-299-9949**

9. API Well No. **43-013-34022**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **SWSE 1231FSL 1755FEL 40.114597 N Lat, 110.639775 W Lon**
 At top prod interval reported below **SESW 1232FSL 2645FWL**
 At total depth **SESW 1200FSL 244FWL BHL by HSM**

10. Field and Pool, or Exploratory
WILDCAT

11. Sec., T., R., M., or Block and Survey
or Area **Sec 23 T4S R7W Mer UBM**

12. County or Parish **DUCHESNE** 13. State **UT**

14. Date Spudded **07/11/2012** 15. Date T.D. Reached **09/03/2012** 16. Date Completed
 D & A Ready to Prod. **10/17/2012**

17. Elevations (DF, KB, RT, GL)*
7284 GL

18. Total Depth: MD **7407** TVD **7284** 19. Plug Back T.D.: MD **7351** TVD **7228.36** 20. Dcpth Bridge Plug Sct: MD **7284** TVD **7284**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL, MUD, BOREHOLE

22. Was well cored? No Yes (Submit analysis)
 Was DST run? No Yes (Submit analysis)
 Directional Survey? No Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stago Cementor Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
26.000	16.000 COND		0	102	102			0	
12.250	9.625 J-55	36.0	0	1492	1492	430	169	0	
8.750	5.500 P-110	17.0	0	7407	7397	770	373	1356	15000

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875		5852						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GREEN RIVER	5407	6181	5407 TO 6181	0.360	90	OPEN
B) WASATCH	6215	7226	6215 TO 7226	0.360	180	OPEN
C)						
D)						

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GREEN RIVER	5407	6181	5407 TO 6181	0.360	90	OPEN
B) WASATCH	6215	7226	6215 TO 7226	0.360	180	OPEN
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
5407 TO 6181	GREEN RIVER SEE TREATMENT STAGES 5-6
6215 TO 7226	WASATCH: SEE TREATMENT STAGES 1-4

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10/17/2012	11/03/2012	24	→	190.0	10.0	122.0	52.0		FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
64/64	150	200.0	→	190	10	122	52	POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

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DIV. OF OIL, GAS & MINING

(See Instructions and spaces for additional data on reverse side)
 ELECTRONIC SUBMISSION #161187 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
 ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GREEN RIVER	1842
				MAHOGANY	2417
				DOUGLAS CREEK	4609
				BLACK SHALE	5404
				CASTLE PEAK	5846
				UTELAND BUTTE	5957
				WASATCH	6186
				TD	7407

32. Additional remarks (include plugging procedure):

TOC was calculated by CBL. Conductor was cemented with grout. Attached treatment data. This well had first oil sales on 10/17/2012 and first gas sales on 11/08/2012.

33. Circle enclosed attachments:

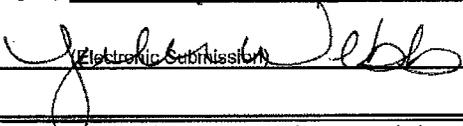
- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7 Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #161187 Verified by the BLM Well Information System.
For BILL BARRETT CORPORATION, sent to the Vernal

Name (please print) JULIE WEBB

Title PERMIT ANALYST

Signature 

Date 11/27/2012

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

14-23D-47 LC Tribal Completion Report Continued*

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)				
AMOUNT AND TYPE OF MATERIAL				
<u>Stage</u>	<u>BBLs Slurry</u>	<u>lbs 100 Mesh Sand</u>	<u>lbs 20/40 CRC Sand</u>	<u>Lbs 20/40 White Sand</u>
1	3,261		149,900	
2	3,426			160,000
3	3,296			149,900
4	3,214		150,100	
5	3,669	14,470	159,930	
6	3,445	13,520	149,680	

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

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 NOV 27 2012
 DIV. OF OIL, GAS & MINING



Bill Barrett Corporation

Bill Barrett Corp. (II)

Duchesne Co., UT (NAD27)

Sec.23-T4S-R7W

LC Tribal 14-23D-47

Wellbore #1

Survey: OH

Standard Survey Report

04 September, 2012

RECEIVED

NOV 27 2012

DIV. OF OIL, GAS & MINING





Bill Barrett Corp. (II)
 Project: Duchesne Co., UT (NAD27)
 Site: Sec.23-T4S-R7W
 Well: LC Tribal 14-23D-47
 Wellbore: Wellbore #1
 Design: OH
 Latitude: 40° 6' 52.70 N
 Longitude: 110° 38' 20.63 W
 Ground Level: 7284.01
 WELL @ 7306.01ft

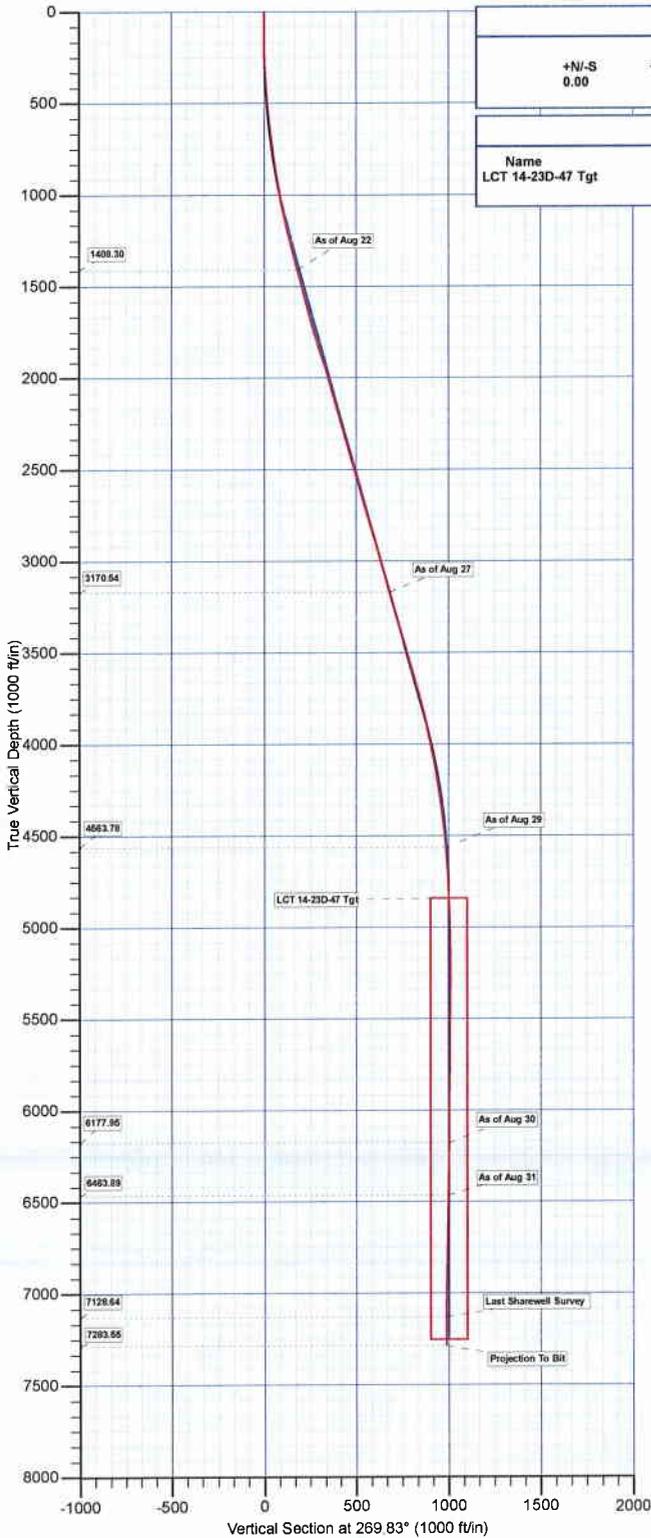


REFERENCE INFORMATION

Co-ordinate (NE) Reference: Well LC Tribal 14-23D-47, True North
 Vertical (TVD) Reference: WELL @ 7306.01ft
 Section (VS) Reference: Slot - (0.00N, 0.00E)
 Measured Depth Reference: WELL @ 7306.01ft
 Calculation Method: Minimum Curvature

PROJECT DETAILS: Duchesne Co., UT (NAD27)

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



WELL DETAILS: LC Tribal 14-23D-47

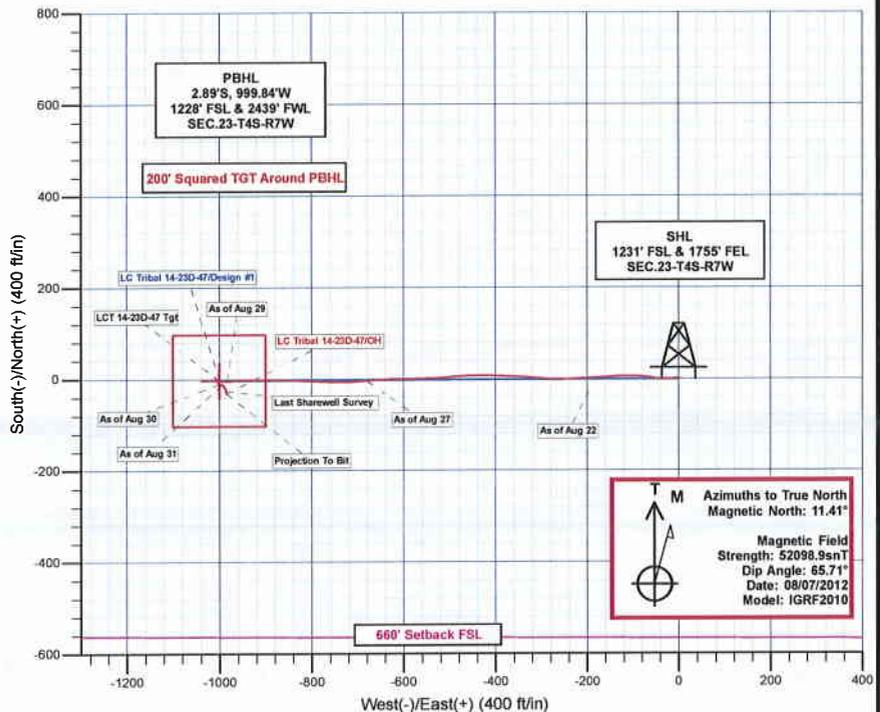
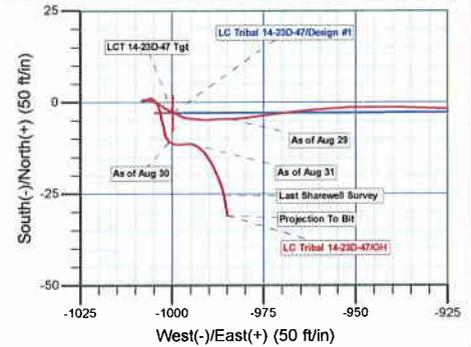
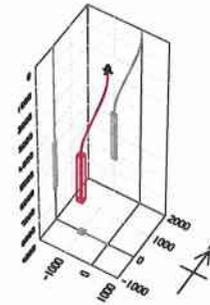
+N/-S	+E/-W	Northing	Ground Level:	7284.01	Latitude	Longitude	Slot
0.00	0.00	649961.24	Easting	2240779.70	40° 6' 52.70 N	110° 38' 20.63 W	

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

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
LCT 14-23D-47 Tgt	4841.01	-2.89	-999.84	40° 6' 52.67 N	110° 38' 33.50 W	Rectangle (Sides: L200.00 W200.00)

ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	V Sect	Departure	Annotation
1408.30	1425.00	16.800	268.20	2.73	-181.16	181.15	182.75	As of Aug 22
3170.54	3257.00	15.200	264.10	-3.57	-680.20	680.20	682.73	As of Aug 27
4563.78	4686.00	4.800	268.80	-4.46	-983.65	983.86	986.81	As of Aug 29
6177.96	6301.00	1.200	125.40	-10.72	-1000.79	1000.82	1030.07	As of Aug 30
6463.89	6587.00	1.200	99.40	-11.24	-994.98	995.01	1036.22	As of Aug 31
7128.64	7252.00	2.000	170.80	-25.61	-985.81	985.88	1053.96	Last Sharewell Survey
7283.55	7407.00	2.000	170.80	-30.85	-984.95	985.03	1059.37	Projection To Bit



Design: OH (LC Tribal 14-23D-47/Wellbore #1)

Created By: Rolando Garza Date: 7:39, September 04 2012

Azimuths to True North
 Magnetic North: 11.41°
 Magnetic Field
 Strength: 52098.9snT
 Dip Angle: 65.71°
 Date: 08/07/2012
 Model: IGRF2010

Company: Bill Barrett Corp. (II)
Project: Duchesne Co., UT (NAD27)
Site: Sec.23-T4S-R7W
Well: LC Tribal 14-23D-47
Wellbore: Wellbore #1
Design: OH

Local Co-ordinate Reference: Well LC Tribal 14-23D-47
TVD Reference: WELL @ 7306.01ft
MD Reference: WELL @ 7306.01ft
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: CompassVM

Project	Duchesne Co., UT (NAD27)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Utah Central 4302		

Site	Sec.23-T4S-R7W				
Site Position:		Northing:	652,830.61 usft	Latitude:	40° 7' 20.90 N
From:	Lat/Long	Easting:	2,242,437.86 usft	Longitude:	110° 37' 58.93 W
Position Uncertainty:	0.00 ft	Slot Radius:	1.10 ft	Grid Convergence:	0.56 °

Well	LC Tribal 14-23D-47					
Well Position	+N/-S	0.00 ft	Northing:	649,961.24 usft	Latitude:	40° 6' 52.70 N
	+E/-W	0.00 ft	Easting:	2,240,779.70 usft	Longitude:	110° 38' 20.63 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	7,284.01 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	08/07/12	11.41	65.71	52,099

Design	OH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	269.83	

Survey Program	Date	09/04/12			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
125.00	7,407.00	OH (Wellbore #1)	MWD	MWD - Standard	

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125.00	0.700	328.10	125.00	0.65	-0.40	0.40	0.56	0.56	0.00
215.00	0.700	319.20	214.99	1.53	-1.05	1.05	0.12	0.00	-9.89
307.00	2.200	263.80	306.96	1.77	-3.18	3.17	2.06	1.63	-60.22
403.00	4.400	262.90	402.80	1.11	-8.66	8.66	2.29	2.29	-0.94
495.00	5.500	265.90	494.45	0.36	-16.56	16.56	1.23	1.20	3.26
587.00	6.800	267.90	585.92	-0.15	-26.40	26.40	1.43	1.41	2.17
677.00	6.900	270.70	675.28	-0.28	-37.13	37.13	0.39	0.11	3.11
772.00	7.500	278.70	769.53	0.72	-48.97	48.97	1.23	0.63	8.42
863.00	8.500	279.90	859.64	2.78	-61.47	61.46	1.11	1.10	1.32

Company: Bill Barrett Corp. (II)
Project: Duchesne Co., UT (NAD27)
Site: Sec.23-T4S-R7W
Well: LC Tribal 14-23D-47
Wellbore: Wellbore #1
Design: OH

Local Co-ordinate Reference: Well LC Tribal 14-23D-47
TVD Reference: WELL @ 7306.01ft
MD Reference: WELL @ 7306.01ft
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: CompassVM

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)
958.00	9.900	273.10	953.42	4.43	-76.54	76.52	1.86	1.47	-7.16
1,053.00	11.000	273.30	1,046.85	5.39	-93.74	93.73	1.16	1.16	0.21
1,148.00	12.500	269.70	1,139.85	5.86	-113.07	113.05	1.76	1.58	-3.79
1,243.00	13.800	267.00	1,232.36	5.21	-134.67	134.65	1.51	1.37	-2.84
1,339.00	14.900	266.30	1,325.36	3.82	-158.42	158.41	1.16	1.15	-0.73
1,425.00	15.800	268.20	1,408.30	2.73	-181.16	181.15	1.20	1.05	2.21
As of Aug 22									
1,552.00	14.500	266.10	1,530.88	1.11	-214.30	214.30	1.11	-1.02	-1.65
1,647.00	14.100	268.10	1,622.94	-0.08	-237.73	237.73	0.67	-0.42	2.11
1,742.00	14.700	267.30	1,714.95	-1.03	-261.34	261.34	0.67	0.63	-0.84
1,837.00	17.700	274.60	1,806.18	-0.44	-287.78	287.78	3.81	3.16	7.68
1,932.00	18.500	276.70	1,896.48	2.47	-317.15	317.14	1.09	0.84	2.21
2,027.00	16.600	272.90	1,987.06	4.92	-345.67	345.66	2.33	-2.00	-4.00
2,122.00	15.700	271.40	2,078.31	5.92	-372.08	372.06	1.04	-0.95	-1.58
2,217.00	15.900	271.80	2,169.72	6.64	-397.93	397.91	0.24	0.21	0.42
2,312.00	16.200	272.40	2,261.01	7.61	-424.18	424.16	0.36	0.32	0.63
2,407.00	15.300	268.90	2,352.45	7.92	-449.95	449.93	1.38	-0.95	-3.68
2,502.00	15.800	264.30	2,443.97	6.39	-475.35	475.33	1.40	0.53	-4.84
2,597.00	15.500	264.20	2,535.45	3.83	-500.85	500.84	0.32	-0.32	-0.11
2,692.00	15.500	266.60	2,627.00	1.79	-526.15	526.15	0.68	0.00	2.53
2,787.00	15.800	269.30	2,718.48	0.88	-551.76	551.75	0.83	0.32	2.84
2,877.00	16.300	270.10	2,804.97	0.75	-576.64	576.64	0.61	0.56	0.89
2,972.00	16.300	268.00	2,896.15	0.31	-603.30	603.29	0.62	0.00	-2.21
3,067.00	15.800	269.30	2,987.45	-0.31	-629.55	629.55	0.65	-0.53	1.37
3,162.00	15.500	265.90	3,078.93	-1.38	-655.15	655.15	1.02	-0.32	-3.58
3,257.00	15.200	264.10	3,170.54	-3.57	-680.20	680.20	0.59	-0.32	-1.89
As of Aug 27									
3,354.00	16.000	267.10	3,263.97	-5.55	-706.20	706.21	1.17	0.82	3.09
3,449.00	16.300	269.30	3,355.22	-6.37	-732.60	732.62	0.72	0.32	2.32
3,545.00	15.700	272.30	3,447.50	-6.02	-759.05	759.07	1.06	-0.63	3.13
3,640.00	15.800	271.90	3,538.94	-5.07	-784.82	784.83	0.16	0.11	-0.42
3,735.00	15.700	272.20	3,630.37	-4.15	-810.59	810.60	0.14	-0.11	0.32
3,830.00	15.700	273.20	3,721.82	-2.94	-836.27	836.28	0.28	0.00	1.05
3,925.00	14.100	271.90	3,813.63	-1.84	-860.67	860.67	1.72	-1.68	-1.37
4,020.00	12.700	268.70	3,906.04	-1.69	-882.68	882.68	1.67	-1.47	-3.37
4,115.00	11.600	270.60	3,998.91	-1.83	-902.67	902.67	1.23	-1.16	2.00
4,210.00	10.100	270.00	4,092.21	-1.73	-920.55	920.55	1.58	-1.58	-0.63
4,305.00	9.300	272.50	4,185.85	-1.39	-936.55	936.55	0.95	-0.84	2.63
4,400.00	8.300	267.70	4,279.73	-1.33	-951.07	951.07	1.31	-1.05	-5.05
4,496.00	7.300	264.30	4,374.84	-2.22	-964.06	964.07	1.15	-1.04	-3.54
4,591.00	6.000	261.00	4,469.20	-3.59	-974.97	974.98	1.43	-1.37	-3.47
4,686.00	4.800	268.80	4,563.78	-4.45	-983.85	983.86	1.48	-1.26	8.21
As of Aug 29									
4,781.00	3.700	265.70	4,658.52	-4.77	-990.88	990.89	1.18	-1.16	-3.26

Company: Bill Barrett Corp. (II)
Project: Duchesne Co., UT (NAD27)
Site: Sec.23-T4S-R7W
Well: LC Tribal 14-23D-47
Wellbore: Wellbore #1
Design: OH

Local Co-ordinate Reference: Well LC Tribal 14-23D-47
TVD Reference: WELL @ 7306.01ft
MD Reference: WELL @ 7306.01ft
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: CompassVM

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)
4,876.00	3.200	286.40	4,753.35	-4.25	-996.48	996.49	1.40	-0.53	21.79
4,971.00	2.600	306.20	4,848.23	-2.23	-1,000.77	1,000.77	1.22	-0.63	20.84
5,066.00	1.800	292.10	4,943.16	-0.39	-1,003.89	1,003.88	1.01	-0.84	-14.84
5,161.00	1.100	296.40	5,038.13	0.57	-1,006.09	1,006.08	0.75	-0.74	4.53
5,256.00	1.100	257.00	5,133.11	0.77	-1,007.79	1,007.79	0.78	0.00	-41.47
5,351.00	0.600	109.80	5,228.11	0.40	-1,008.21	1,008.21	1.72	-0.53	-154.95
5,446.00	1.000	53.90	5,323.10	0.72	-1,007.07	1,007.07	0.87	0.42	-58.84
5,541.00	0.700	90.20	5,418.09	1.21	-1,005.82	1,005.82	0.63	-0.32	38.21
5,636.00	0.600	146.60	5,513.08	0.79	-1,004.97	1,004.96	0.65	-0.11	59.37
5,731.00	0.300	124.30	5,608.08	0.23	-1,004.49	1,004.49	0.36	-0.32	-23.47
5,826.00	1.000	158.00	5,703.08	-0.67	-1,003.97	1,003.97	0.81	0.74	35.47
5,921.00	1.100	167.20	5,798.06	-2.33	-1,003.46	1,003.46	0.21	0.11	9.68
6,016.00	1.300	162.10	5,893.04	-4.25	-1,002.93	1,002.94	0.24	0.21	-5.37
6,111.00	1.900	170.10	5,988.00	-6.82	-1,002.33	1,002.34	0.67	0.63	8.42
6,206.00	1.100	165.70	6,082.97	-9.26	-1,001.83	1,001.85	0.85	-0.84	-4.63
6,301.00	1.200	125.40	6,177.95	-10.72	-1,000.79	1,000.82	0.84	0.11	-42.42
As of Aug 30									
6,397.00	1.000	104.70	6,273.93	-11.51	-999.17	999.19	0.46	-0.21	-21.56
6,492.00	1.500	75.00	6,368.91	-11.40	-997.16	997.19	0.84	0.53	-31.26
6,587.00	1.200	99.40	6,463.89	-11.24	-994.98	995.01	0.68	-0.32	25.68
As of Aug 31									
6,682.00	1.200	122.20	6,558.87	-11.94	-993.16	993.19	0.50	0.00	24.00
6,777.00	1.400	139.20	6,653.84	-13.34	-991.56	991.59	0.45	0.21	17.89
6,872.00	1.400	146.30	6,748.81	-15.19	-990.15	990.19	0.18	0.00	7.47
6,967.00	1.600	153.40	6,843.78	-17.34	-988.92	988.96	0.29	0.21	7.47
7,062.00	1.700	158.90	6,938.74	-19.84	-987.82	987.87	0.20	0.11	5.79
7,157.00	1.800	155.60	7,033.70	-22.51	-986.69	986.75	0.15	0.11	-3.47
7,252.00	2.000	170.80	7,128.64	-25.51	-985.81	985.88	0.57	0.21	16.00
Last Sharewell Survey									
7,407.00	2.000	170.80	7,283.55	-30.85	-984.95	985.03	0.00	0.00	0.00
Projection To Bit									

Survey Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
1,425.00	1,408.30	2.73	-181.16	As of Aug 22
3,257.00	3,170.54	-3.57	-680.20	As of Aug 27
4,686.00	4,563.78	-4.45	-983.85	As of Aug 29
6,301.00	6,177.95	-10.72	-1,000.79	As of Aug 30
6,587.00	6,463.89	-11.24	-994.98	As of Aug 31
7,252.00	7,128.64	-25.51	-985.81	Last Sharewell Survey
7,407.00	7,283.55	-30.85	-984.95	Projection To Bit



Sharewell
Survey Report



Company: Bill Barrett Corp. (II)
Project: Duchesne Co., UT (NAD27)
Site: Sec.23-T4S-R7W
Well: LC Tribal 14-23D-47
Wellbore: Wellbore #1
Design: OH

Local Co-ordinate Reference: Well LC Tribal 14-23D-47
TVD Reference: WELL @ 7306.01ft
MD Reference: WELL @ 7306.01ft
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: CompassVM

Checked By: _____ Approved By: _____ Date: _____

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 1420H626483	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE	
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: LC TRIBAL 14-23D-47	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43013340220000	
PHONE NUMBER: 303 312-8164 Ext		9. FIELD and POOL or WILDCAT: WILDCAT	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1231 FSL 1755 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 23 Township: 04.0S Range: 07.0W Meridian: U		COUNTY: DUCHESNE	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/1/2013 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Earned Lease"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
BBC has earned the tribal lease for the subject well. The new lease number is 1420H626483.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 02, 2013			
NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst	
SIGNATURE N/A		DATE 5/2/2013	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: 1420H626483
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: LC TRIBAL 14-23D-47
2. NAME OF OPERATOR: BILL BARRETT CORP		9. API NUMBER: 43013340220000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1231 FSL 1755 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 23 Township: 04.0S Range: 07.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/1/2015	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input checked="" type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

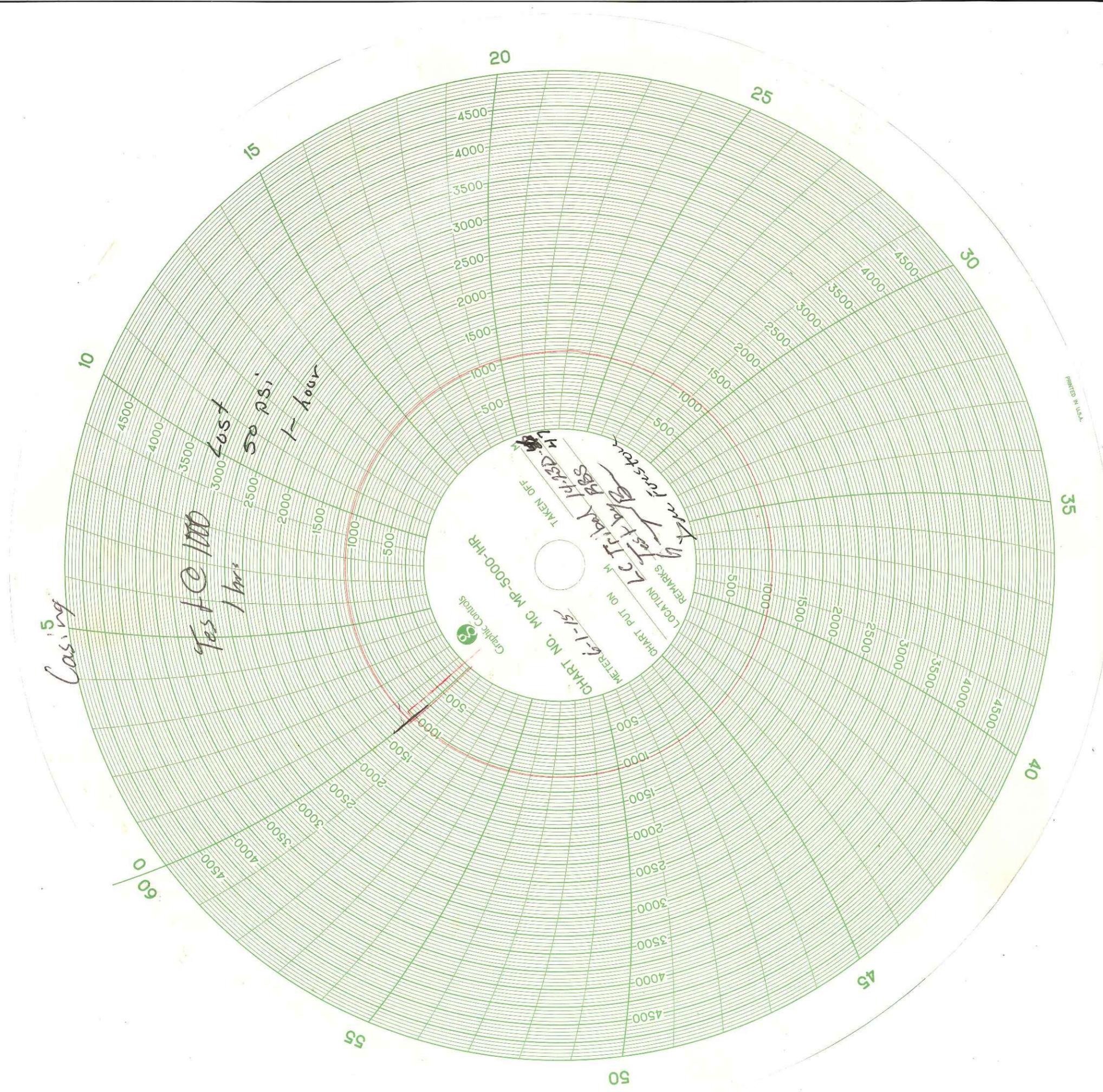
On 6/1/2015 a MIT was conducted on the 5-1/2" casing above the top perf at 5408' by pressure testing the 5-1/2" casing & 2-7/8" tubing to 1000 psig for 60 minutes. A CIBP was set at 5365' & end of tubing is at 5262'. The cement bond log shows a top of cement at 1270'. After 60 minutes a 50 psi drop to 950 was observed & it is concluded that this wellbore and its casing does in fact have integrity. Therefore, all underground sources of drinking water are protected. This well has no risk to public health, safety, or environment. See attached copy of MIT. Based on the above, BBC is requesting permission this well be granted TA status for a year as this well has potential for future recompletion upon improvement in market conditions. Please contact Chris Stevenson 303-312-8704 with questions. BBC also commits to checking casing pressure on this well quarterly to ensure wellbore integrity.

Accepted by the Utah Division of Oil, Gas and Mining

Date: June 22, 2015

By: *Derek Duff*

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 6/9/2015	



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: 1420H626483	
SUNDRY NOTICES AND REPORTS ON WELLS	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: LC TRIBAL 14-23D-47
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013340220000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext
9. FIELD and POOL or WILDCAT: ALTAMONT	4. LOCATION OF WELL FOOTAGES AT SURFACE: 1231 FSL 1755 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 23 Township: 04.0S Range: 07.0W Meridian: U
COUNTY: DUCHESNE	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/27/2015	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="qtrly monitoring"/>

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

BBC is submitting this sundry to inform UDOGM that on 7/27/15 there was no pressure and no flowback when we opened the well up for 5 minutes. We shut the well back in and will check again qtrly per COAs following our MIT done on 6/1/2015

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 August 18, 2015

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 8/17/2015	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 1420H626483
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: LC TRIBAL 14-23D-47	
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013340220000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1231 FSL 1755 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 23 Township: 04.0S Range: 07.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/7/2015	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: CA NUMBER AND SSD UPDAT	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. ATTACHED PLEASE FIND THE UPDATED SSD WITH THE CA NUMBER THAT WAS EARNED ON 10/7/2015 BUT EFFECTIVE FROM 1ST PRODUCTION OF THIS WELL.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 26, 2015		
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 10/19/2015	

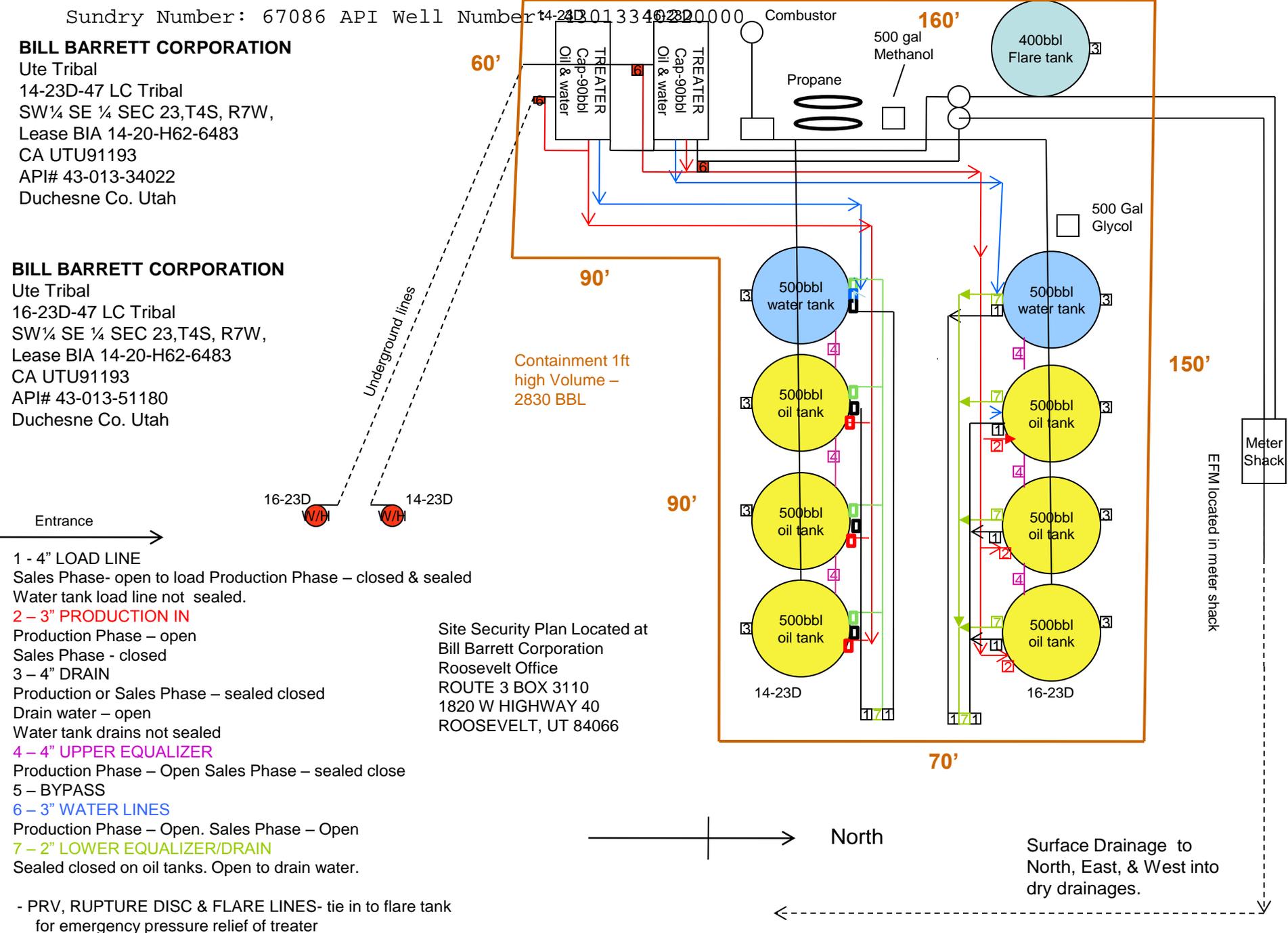
Sundry Number: 67086 API Well Number: 14-23D-01334623D0000

BILL BARRETT CORPORATION

Ute Tribal
 14-23D-47 LC Tribal
 SW ¼ SE ¼ SEC 23, T4S, R7W,
 Lease BIA 14-20-H62-6483
 CA UTU91193
 API# 43-013-34022
 Duchesne Co. Utah

BILL BARRETT CORPORATION

Ute Tribal
 16-23D-47 LC Tribal
 SW ¼ SE ¼ SEC 23, T4S, R7W,
 Lease BIA 14-20-H62-6483
 CA UTU91193
 API# 43-013-51180
 Duchesne Co. Utah



- 1 - 4" LOAD LINE
Sales Phase- open to load Production Phase – closed & sealed
Water tank load line not sealed.
- 2 – 3" PRODUCTION IN
Production Phase – open
Sales Phase - closed
- 3 – 4" DRAIN
Production or Sales Phase – sealed closed
Drain water – open
Water tank drains not sealed
- 4 – 4" UPPER EQUALIZER
Production Phase – Open Sales Phase – sealed close
- 5 – BYPASS
- 6 – 3" WATER LINES
Production Phase – Open. Sales Phase – Open
- 7 – 2" LOWER EQUALIZER/DRAIN
Sealed closed on oil tanks. Open to drain water.
- PRV, RUPTURE DISC & FLARE LINES- tie in to flare tank
for emergency pressure relief of treater

Site Security Plan Located at
 Bill Barrett Corporation
 Roosevelt Office
 ROUTE 3 BOX 3110
 1820 W HIGHWAY 40
 ROOSEVELT, UT 84066

North

Surface Drainage to
 North, East, & West into
 dry drainages.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: 1420H626483	
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE	
7. UNIT or CA AGREEMENT NAME:	
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: LC TRIBAL 14-23D-47
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013340220000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext
9. FIELD and POOL or WILDCAT: ALTAMONT	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1231 FSL 1755 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 23 Township: 04.0S Range: 07.0W Meridian: U	
COUNTY: DUCHESNE	
STATE: UTAH	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="qtrly SI monitoring"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/21/2015			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

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

BBC is submitting this sundry to inform UDOGM that on 10/21/15 there was no pressure and no flowback when we opened the well up for 5 minutes. We shut the well back in and will check again qtrly per COAs following our MIT done on 6/1/2015

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 November 02, 2015

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 11/2/2015	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 1420H626483
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
2. NAME OF OPERATOR: BILL BARRETT CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: LC TRIBAL 14-23D-47
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1231 FSL 1755 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 23 Township: 04.0S Range: 07.0W Meridian: U		9. API NUMBER: 43013340220000
PHONE NUMBER: 303 312-8134 Ext		9. FIELD and POOL or WILDCAT: ALTAMONT
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		9. FIELD and POOL or WILDCAT: ALTAMONT
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/25/2016	<input type="checkbox"/> REPERFORATE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="qtrly SI monitoring"/>	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> REPERFORATE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="qtrly SI monitoring"/>	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> REPERFORATE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="qtrly SI monitoring"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. BBC is submitting this sundry to inform UDOGM that on 1/25/16 there was no pressure and no flow back when we opened the well up for 5 minutes. We shut the well back in and will check again qtrly per COAs following our MIT done on 6/1/2015		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY February 09, 2016		
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 2/1/2016	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 1420H626483	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE	
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: LC TRIBAL 14-23D-47	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43013340220000	
PHONE NUMBER: 303 312-8134 Ext		9. FIELD and POOL or WILDCAT: ALTAMONT	
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		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/2/2016 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="qtrly monitoring"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
BBC is submitting this sundry to inform UDOGM that on 5/2/16 there was no pressure and no flow back when we opened the well up for 5 minutes. We shut the well back in and will check again qtrly per COAs following our MIT done on 6/1/2015			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 03, 2016			
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst	
SIGNATURE N/A		DATE 5/3/2016	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 1420H626483
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
2. NAME OF OPERATOR: BILL BARRETT CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: LC TRIBAL 14-23D-47
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1231 FSL 1755 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 23 Township: 04.0S Range: 07.0W Meridian: U		9. API NUMBER: 43013340220000
PHONE NUMBER: 303 312-8134 Ext		9. FIELD and POOL or WILDCAT: ALTAMONT
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/28/2016	<input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="qtrly monitoring"/>	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> DRILLING REPORT Report Date:	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. BBC is submitting this sundry to inform UDOGM that on 7/28/16 there was no pressure and no flow back when we opened the well up for 5 minutes. We shut the well back in and will check again qtrly per COAs following our MIT done on 6/1/2015		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY August 01, 2016		
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 8/1/2016	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: 1420H626483	
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE	
7. UNIT or CA AGREEMENT NAME:	
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: LC TRIBAL 14-23D-47
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013340220000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext
9. FIELD and POOL or WILDCAT: ALTAMONT	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1231 FSL 1755 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 23 Township: 04.0S Range: 07.0W Meridian: U	
COUNTY: DUCHESNE	
STATE: UTAH	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> 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"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/17/2016			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			
	<input checked="" type="checkbox"/> OTHER		OTHER: <input type="text" value="qtrly monitoring"/>

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

BBC is submitting this sundry to inform UDOGM that on 10/17/16 there was no pressure and no flowback when we opened the well up for 5 minutes. We shut the well back in and will check again qtrly per COAs following our MIT done on 6/1/2015

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 October 21, 2016

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 10/18/2016	

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

Effective Date: 11/1/2016

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

WELL INFORMATION:

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

OPERATOR CHANGES DOCUMENTATION:

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

REVIEW:

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

NEW OPERATOR BOND VERIFICATION:

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

DATA ENTRY:

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

COMMENTS:

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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



October 20, 2016

Re: Bill Barrett Corporation Transfer to New Operator

Dear Ms. Medina:

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

New Operator Contact information:

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

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

Sincerely,

Bill Barrett Corporation

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

Brady Riley
Permit Analyst

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

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

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

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

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

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

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

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

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

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

(This space for State use only)

APPROVED

NOV 07 2016

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

Request to Transfer Application or Permit to Drill

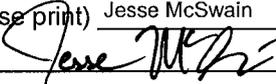
(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

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

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

Following is a checklist of some items related to the application, which should be verified.	Yes	No
If located on private land, has the ownership changed?	✓	
If so, has the surface agreement been updated?		✓
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?		✓
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?		✓
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?		✓
Has the approved source of water for drilling changed?		✓
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?		✓
Is bonding still in place, which covers this proposed well? Bond No. <small>9219529-UDOGM / UTB000712-BLM / LPM9224670-BIA</small>	✓	

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

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

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

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

UIC FORM 5

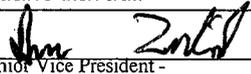
TRANSFER OF AUTHORITY TO INJECT

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

EFFECTIVE DATE OF TRANSFER: 11/1/2016

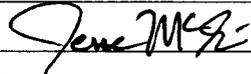
CURRENT OPERATOR

Company: BILL BARRETT CORPORATION
Address: 1099 18th Street Ste 2300
city DENVER state CO zip 80202
Phone: (303) 293-9100
Comments:

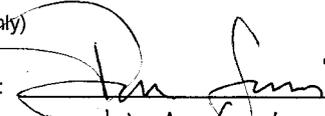
Name: Duane Zavadil
Signature: 
Senior Vice President -
Title: EH&S, Government and Regulatory Affairs
Date: 10/20/16

NEW OPERATOR

Company: RIG II, LLC
Address: 1582 West 2600 South
city Wood Cross state UT zip 84087
Phone: (801) 683-4245
Comments:

Name: Jesse McSwain
Signature: 
Title: Manager
Date: 10/20/16

(This space for State use only)

Transfer approved by: 
Title: UIC Geologist

Approval Date: 11/3/16

Comments:

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

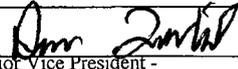
UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

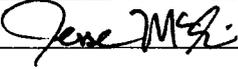
Well Name and Number 16-6D-46 BTR SWD	API Number 4301350781
Location of Well Footage : 0200 FSL 0099 FEL County : DUCHESNE QQ, Section, Township, Range: SESE 6 4S 6W State : UTAH	Field or Unit Name ALTAMONT Lease Designation and Number 2OG0005608

EFFECTIVE DATE OF TRANSFER: 11/1/2016

CURRENT OPERATOR

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

NEW OPERATOR

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

(This space for State use only)

Transfer approved by: 
Title: VIC

Approval Date: 11/3/16

Comments:

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

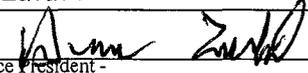
UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

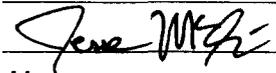
Well Name and Number SWD 9-36 BTR	API Number 4301350646
Location of Well Footage : 0539 FSL 0704 FEL County : DUCHESNE	Field or Unit Name CEDAR RIM
	Lease Designation and Number 2OG0005608
QQ, Section, Township, Range: SESE 9 3S 6W	State : UTAH

EFFECTIVE DATE OF TRANSFER: 11/1/2016

CURRENT OPERATOR

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

NEW OPERATOR

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

(This space for State use only)

Transfer approved by: _____ Approval Date: _____

Title: _____

Comments:

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