API Well Number: 43013520910000

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

FORM 3

AMENDED REPORT ☑

APPLICATION FOR PERMIT TO DRILL

1. WELL NAME and NUMBER
14-11-47 BTR

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

3. FIELD OR WILDCAT
WILDCAT

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

5. UNIT or COMMUNITIZATION AGREEMENT NAME

6. NAME OF OPERATOR
BILL BARRETT CORP

7. OPERATOR PHONE
303 312-8164

8. ADDRESS OF OPERATOR
1099 18th Street Ste 2300, Denver, CO, 80202

9. OPERATOR E-MAIL
BHilgers@billbarrettcorp.com

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

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

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

13. NAME OF SURFACE OWNER (if box 12 = 'fee')
Mona McInelly

14. SURFACE OWNER PHONE (if box 12 = 'fee')
760-329-8645

15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')
69525 Dillon Road #75, Desert Hot Springs, CA 92241

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

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

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

19. SLANT
VERTICAL ◉ DIRECTIONAL ○ HORIZONTAL ○

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	705 FSL 1783 FWL	SESW	11	4.0 S	7.0 W	U
Top of Uppermost Producing Zone	705 FSL 1783 FWL	SESW	11	4.0 S	7.0 W	U
At Total Depth	705 FSL 1783 FWL	SESW	11	4.0 S	7.0 W	U

21. COUNTY
DUCHESNE

22. DISTANCE TO NEAREST LEASE LINE (Feet)
705

23. NUMBER OF ACRES IN DRILLING UNIT
640

25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)
8007

26. PROPOSED DEPTH
MD: 6949 TVD: 6949

27. ELEVATION - GROUND LEVEL
6129

28. BOND NUMBER
LPM4138148

29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE
43-180

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
COND	26	16	0 - 80	65.0	Unknown	8.8	No Used	0	0.0	0.0
SURF	12.25	9.625	0 - 1300	36.0	J-55 ST&C	8.8	Halliburton Light , Type Unknown	150	3.16	11.0
							Halliburton Premium , Type Unknown	210	1.36	14.8
PROD	8.75	9.625	0 - 6949	17.0	P-110 LT&C	9.6	Unknown	590	2.31	11.0
							Unknown	700	1.42	13.5

ATTACHMENTS

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

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

NAME Venessa Langmacher | **TITLE** Senior Permit Analyst | **PHONE** 303 312-8172

SIGNATURE | **DATE** 03/13/2013 | **EMAIL** vlangmacher@billbarrettcorp.com

API NUMBER ASSIGNED
43013520910000

APPROVAL

Permit Manager

RECEIVED: April 30, 2013

BILL BARRETT CORPORATION
DRILLING PLAN

14-11-47 BTR
SE SW, 705' FSL and 1783' FWL, Section 11, T4S-R7W, USB&M
Duchesne County, Utah

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

Formation	Depth – MD
Green River	1,514'
Mahogany	1,944'
Lower Green River*	3,184'
Douglas Creek	4,034'
Black Shale	4,849'
Castle Peak	5,044'
Uteland Butte	5,369'
Wasatch*	5,669'
TD	6,949'

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

3. BOP and Pressure Containment Data

Depth Intervals	BOP Equipment
0 – 1,300'	NU Diverter or Rotating Head
1,300' – 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

Hole Size	SETTING DEPTH (FROM)	(TO)	Casing Size	Casing Weight	Casing Grade	Thread	Condition
26"	Surface	80'	16"	65#			
12 1/4"	Surface	1,300'	9 5/8"	36#	J or K 55	ST&C	New
8 ¾"	Surface	TD	5 ½"	17#	P-110	LT&C	New

RECEIVED: April 24, 2013

Bill Barrett Corporation
Drilling Program
14-11-47 BTR
Duchesne County, Utah

5. Cementing Program

16" Conductor Casing	Grout
9 5/8" Surface Casing	Lead: 150 sx Halliburton Light Premium with additives mixed at 11.0 ppg (yield = 3.16 ft^3/sx) circulated to surface with 75% excess. TOC @ Surface Tail: 210 sx Halliburton Premium Plus cement with additives mixed at 14.8 ppg (yield = 1.36 ft^3/sx), calculated hole volume with 75% excess. TOC @ 800'
5 ½" Production Casing	Lead: 590 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft^3/sx). TOC @ 800' Tail: 700 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft^3/sx). Top of cement to be determined by log and sample evaluation; estimated TOC @ 4,349'

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' – 1,300'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
1,300' – TD	8.6 – 9.6	42-52	20 cc or less	DAP Polymer Fluid System
Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.				

7. Testing, Logging and Core Programs

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

8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 3468 psi* and maximum anticipated surface pressure equals approximately 1940 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)

RECEIVED: April 24, 2013

Bill Barrett Corporation
Drilling Program
14-11-47 BTR
Duchesne County, Utah

9. Auxiliary Equipment

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

10. Location and Type of Water Supply

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

11. Drilling Schedule

Location Construction:	November 2013
Spud:	November 2013
Duration:	15 days drilling time
	6 days completion time

RECEIVED: April 24, 2013

Bill Barrett Corporation

LAKE CANYON & BLACK TAIL RIDGE CEMENT VOLUMES

Well Name: 14-11-47 BTR

Surface Hole Data:

Total Depth:	1,300'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

Calculated Data:

Lead Volume:	438.5	ft^3
Lead Fill:	800'	
Tail Volume:	274.0	ft^3
Tail Fill:	500'	

Cement Data:

Lead Yield:	3.16	ft^3/sk
% Excess:	75%	
Top of Lead:	0'	
Tail Yield:	1.36	ft^3/sk
% Excess:	75%	
Top of Tail:	800'	

Calculated # of Sacks:

# SK's Lead:	150
# SK's Tail:	210

Production Hole Data:

Total Depth:	6,949'
Top of Cement:	800'
Top of Tail:	4,349'
OD of Hole:	8.750"
OD of Casing:	5.500"

Calculated Data:

Lead Volume:	1344.7	ft^3
Lead Fill:	3,549'	
Tail Volume:	985.2	ft^3
Tail Fill:	2,600'	

Cement Data:

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

Calculated # of Sacks:

# SK's Lead:	590
# SK's Tail:	700

RECEIVED: April 24, 2013

14-11-47 BTR Proposed Cementing Program

Job Recommendation — **Surface Casing**

Lead Cement - (800' - 0')

Halliburton Light Premium
- 5.0 lbm/sk Silicalite Compacted
- 0.25 lbm/sk Kwik Seal
- 0.125 lbm/sk Poly-E-Flake
- 2.0% Bentonite

Fluid Weight:	11.0	lbm/gal
Slurry Yield:	3.16	ft^3/sk
Total Mixing Fluid:	19.48	Gal/sk
Top of Fluid:	0'	
Calculated Fill:	800'	
Volume:	78.09	bbl
Proposed Sacks:	**150**	**sks**

Tail Cement - (TD - 800')

Premium Cement
- 2.0% Calcium Chloride

Fluid Weight:	14.8	lbm/gal
Slurry Yield:	1.36	ft^3/sk
Total Mixing Fluid:	6.37	Gal/sk
Top of Fluid:	800'	
Calculated Fill:	500'	
Volume:	48.80	bbl
Proposed Sacks:	**210**	**sks**

Job Recommendation — **Production Casing**

Lead Cement - (4349' - 800')

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:	800'	
Calculated Fill:	3,549'	
Volume:	239.48	bbl
Proposed Sacks:	**590**	**sks**

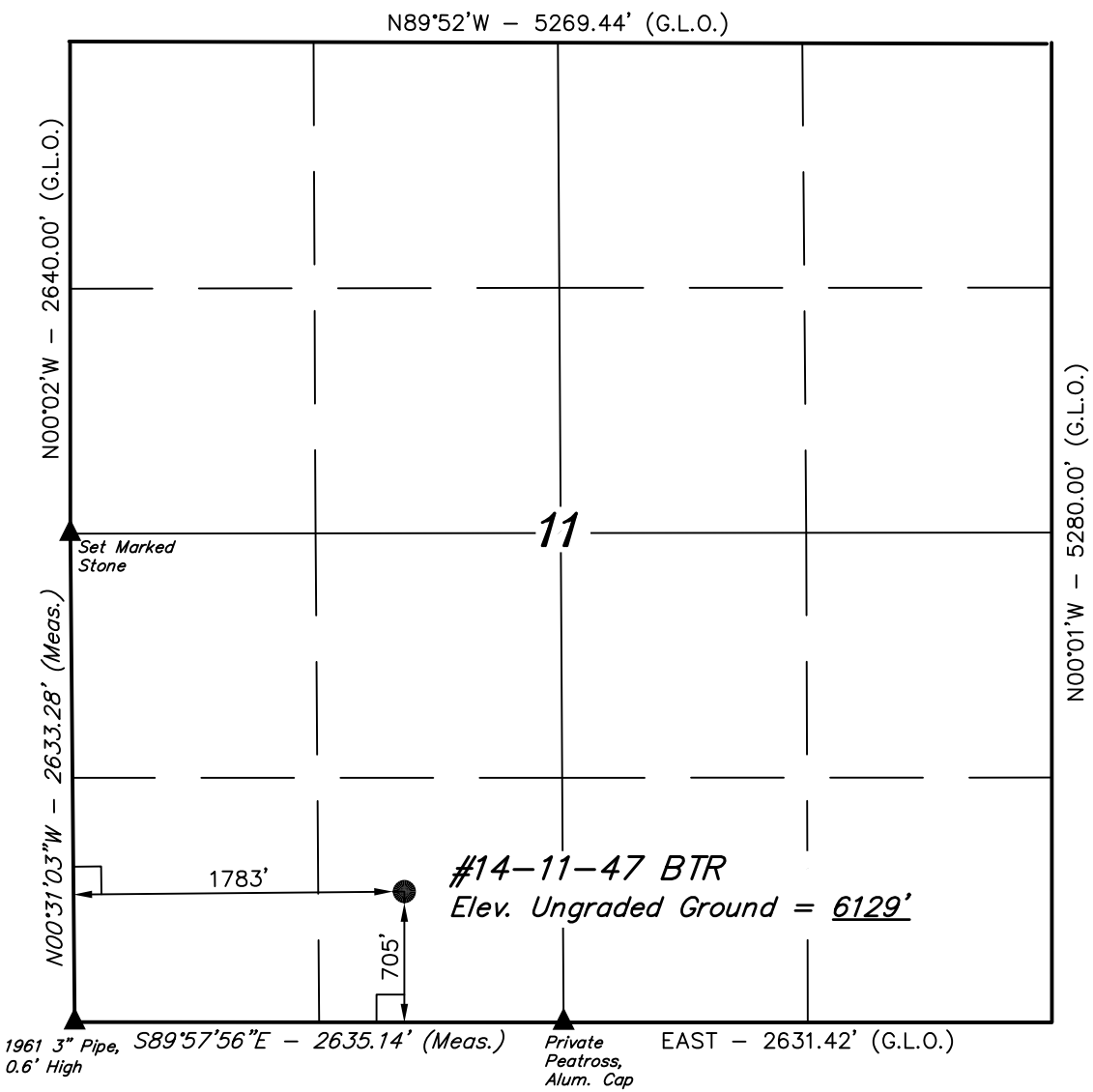
Tail Cement - (6949' - 4349')

Econocem™ System
- 0.125 lbm/sk Poly-E-Flake
- 1.0 lbm/sk Granulite TR 1/4

Fluid Weight:	13.5	lbm/gal
Slurry Yield:	1.42	ft^3/sk
Total Mixing Fluid:	6.61	Gal/sk
Top of Fluid:	4,349'	
Calculated Fill:	2,600'	
Volume:	175.46	bbl
Proposed Sacks:	**700**	**sks**

RECEIVED: April 24, 2013

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



BILL BARRETT CORPORATION

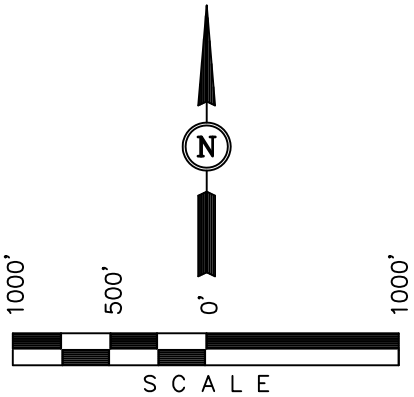
Well location, #14–11–47 BTR, located as shown in the SE 1/4 SW 1/4 of Section 11, T4S, R7W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

FLAT TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 7, T4S, R8W, U.S.B.&M., TAKEN FROM THE FRUITLAND 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 8427 FEET.

BASIS OF BEARINGS

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



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.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

09–30–11

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

API Well Number: 43013520910000

RECEIVED: March 13, 2013

LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

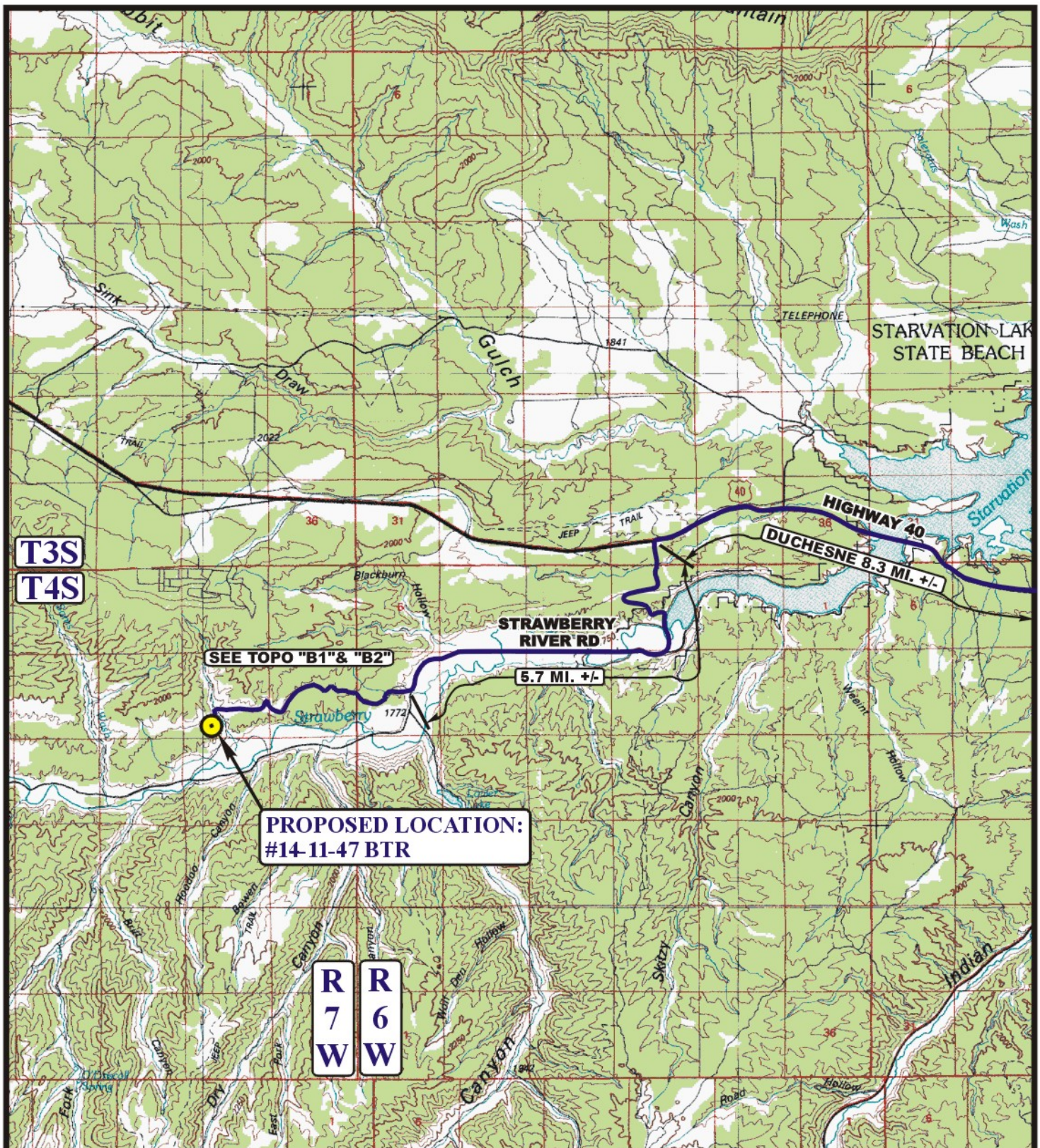
▲ = SECTION CORNERS LOCATED.

(NAD 83)
LATITUDE = 40°08'31.42" (40.142061)
LONGITUDE = 110°38'45.47" (110.645964)
(NAD 27)
LATITUDE = 40°08'31.57" (40.142103)
LONGITUDE = 110°38'42.91" (110.645253)

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

SCALE 1" = 1000'	DATE SURVEYED: 06–29–11	DATE DRAWN: 08–11–11
PARTY A.F. B.A. K.O.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE BILL BARRETT CORPORATION	

API Well Number: 43013520910000



LEGEND:

PROPOSED LOCATION

N

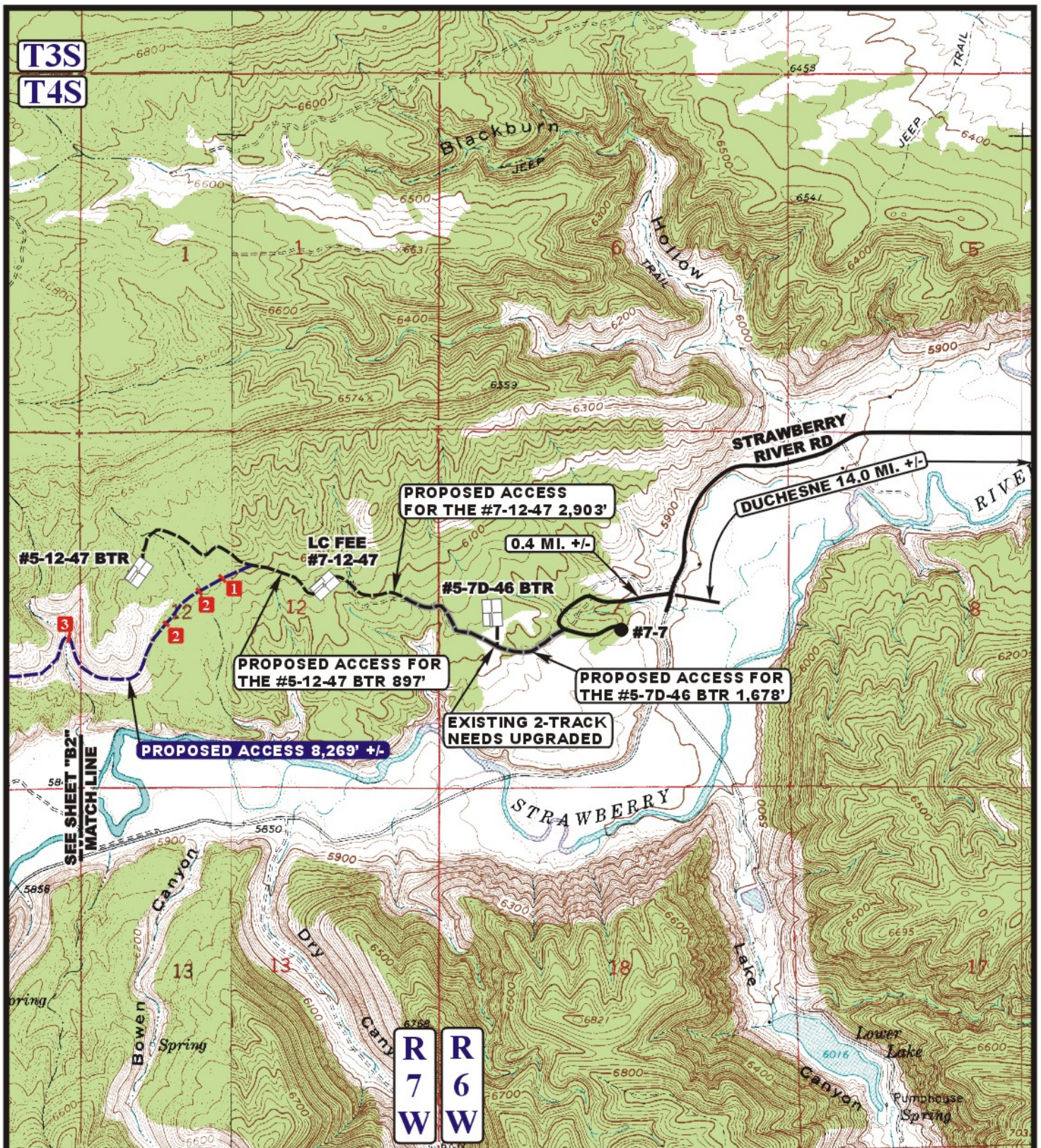
BILL BARRETT CORPORATION

#14-11-47 BTR
SECTION 11, T4S, R7W, U.S.B.&M.
705' FSL 1783' FWL

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

TOPOGRAPHIC MAP	08 MONTH	09 DAY	11 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: C.I.	REV: 07-10-12 A.T.		

API Well Number: 43013520910000



LEGEND:

EXISTING ROAD
PROPOSED ACCESS ROAD
1 LOW WATER CROSSING 3 36" CMP REQUIRED
2 24" CMP REQUIRED

N

BILL BARRETT CORPORATION

#14-11-47 BTR
SECTION 11, T4S, R7W, U.S.B.&M.
705' FSL 1783' FWL

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

TOPOGRAPHIC MAP	04 MONTH	03 DAY	12 YEAR	B1 TOPO
SCALE: 1" = 2000'	DRAWN BY: C.I.	REV: 07-10-12 A.T.		

API Well Number: 43013520910000

LEGEND:

EXISTING ROAD

PROPOSED ACCESS ROAD

2 24" CMP REQUIRED

3 36" CMP REQUIRED

4 48" CMP REQUIRED

N

BILL BARRETT CORPORATION

#14-11-47 BTR

SECTION 11, T4S, R7W, U.S.B.&M.

705' FSL 1783' FWL

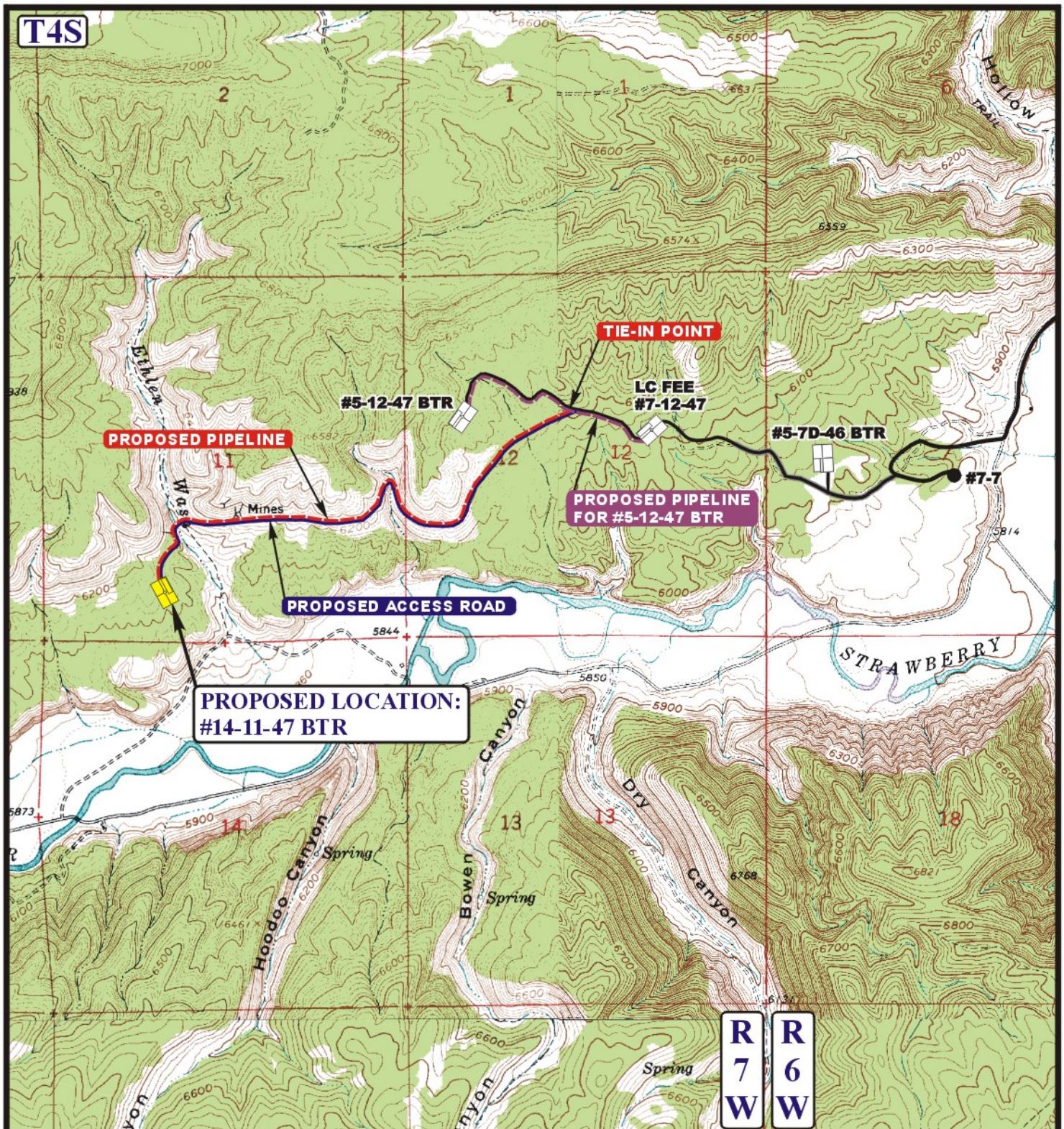
Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078

(435) 789-1017 * FAX (435) 789-1813

ACCESS ROAD MAP	08 MONTH	09 DAY	11 YEAR	B2 TOPO
SCALE: 1" = 2000'	DRAWN BY: C.I.	REV: 07-10-12 A.T.		

API Well Number: 43013520910000



APPROXIMATE TOTAL PIPELINE DISTANCE = 8,226' +/-

LEGEND:

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

N

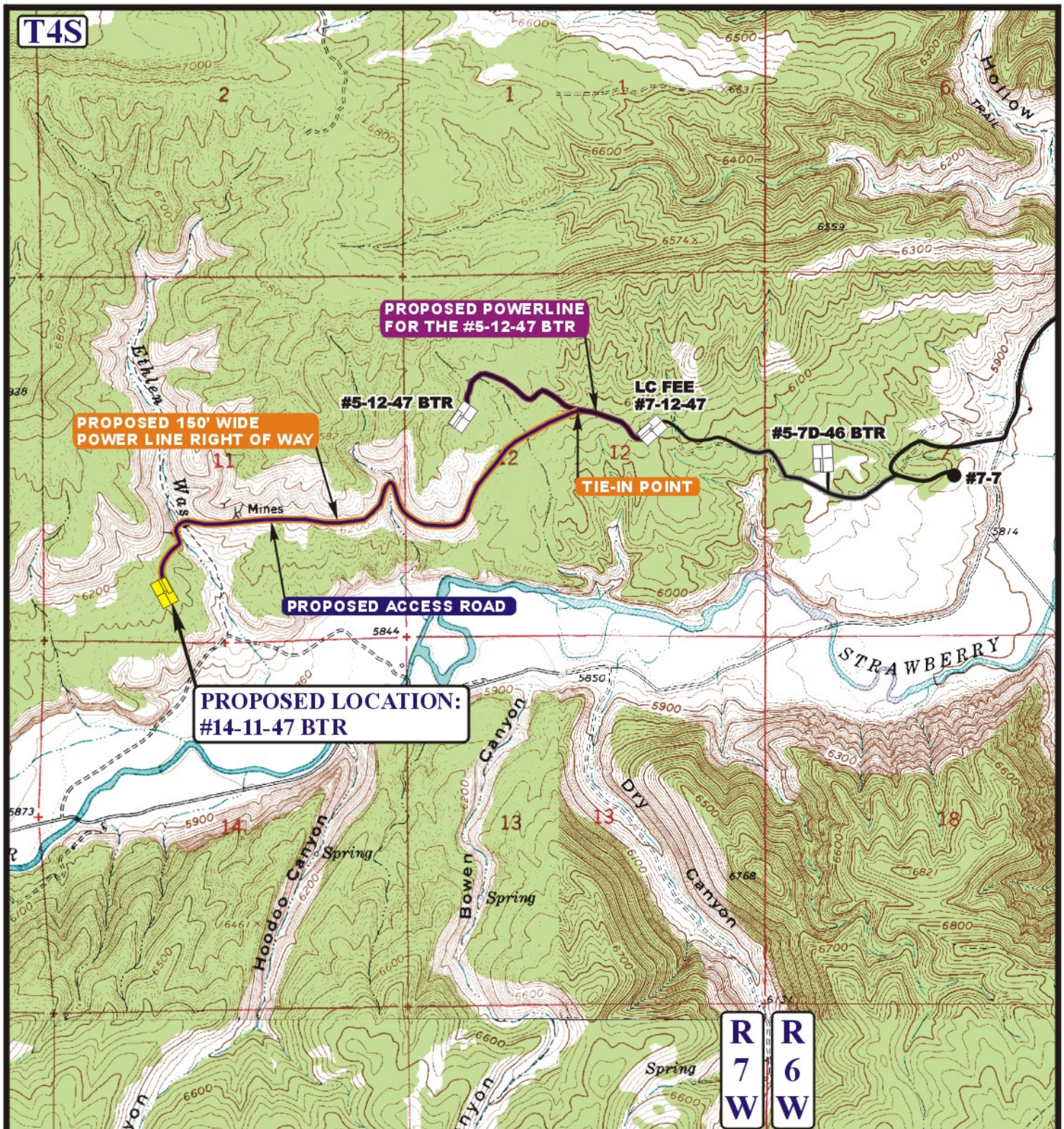
BILL BARRETT CORPORATION

#14-11-47 BTR
SECTION 11, T4S, R7W, U.S.B.&M.
705' FSL 1783' FWL

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

TOPOGRAPHIC MAP	08 MONTH	09 DAY	11 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: C.I.	REV: 07-10-12 A.T		

API Well Number: 43013520910000



APPROXIMATE TOTAL POWER LINE DISTANCE = 8,269' +/-

LEGEND:

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

N

BILL BARRETT CORPORATION

#14-11-47 BTR
SECTION 11, T4S, R7W, U.S.B.&M.
705' FSL 1783' FWL

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

TOPOGRAPHIC MAP	04 MONTH	03 DAY	12 YEAR	D TOPO
SCALE: 1" = 1000'	DRAWN BY: C.I.	REV: 07-10-12 A.T.		

760-329-8645

SURFACE DAMAGE AND RIGHT-OF-WAY SETTLEMENT AGREEMENT

This Agreement, made and entered into this the 11th day of May, 2012, by and between Mona McInelly (as to an undivided one-fourth interest), 69525 Dillon Road, #75, Desert Hot Springs, CA 92241 ("Surface Owner"), and, Bill Barrett Corporation, 1099 18th Street, Suite 2300, Denver CO 80202, ("BBC").

WITNESSETH THAT:

WHEREAS, BBC owns undivided interests in certain oil and gas leases ("leases") covering and affecting Section 11, Township 4 South, Range 7 West, USM, of Duchesne County, Utah; and,

WHEREAS, such leases grant to BBC the right and privilege of ingress, egress, exploring, drilling, mining, operating for, producing and owning oil and gas and all other products produced therewith, together with the right to make surveys on said lands, lay pipelines, construct roads and bridges, dig canals, build power stations, telephone lines, employee houses and other structures on said lands, necessary or useful in BBC's operations; and,

WHEREAS, BBC, pursuant to its rights under the Leases, intends to drill the #14-11-47 BTR at a legal drill-site location in the E1/2SW1/4, N1/2SE1/4 of Section 11, Township 4 South, Range 7 West, USM, Duchesne County, Utah; and,

WHEREAS, Surface Owner warrants ownership to the surface of at least specific portions of the E1/2SW1/4, N1/2SE1/4 of Section 11, Township 4 South, Range 7 West, USM, Duchesne County, Utah, and which warranted ownership is further subject to all oil, gas and other mineral rights which are reserved for the use and benefit of the owners thereof; and,

WHEREAS, BBC has agreed to reimburse Surface Owner for actual damages and injuries to all crops, timber, fences and other improvements located on the surface which results from BBC's operations hereunder, provided that BBC shall not be held liable or responsible for acts of providence or occurrences beyond BBC's control, such payment to be made upon commencement of operations to construct the wellsite pad; so,

NOW, THEREFORE, in consideration of TEN (10) AND MORE DOLLARS ($10.00) and other good and valuable consideration paid by BBC to Surface Owner, the receipt and sufficiency of which is hereby acknowledged, said Surface Owner does hereby release BBC, its agents, employees, licensees, permittees, successors and assigns from all claims for damages as hereinafter provided, which are occasioned by any drilling, testing, completing, producing, operating, reworking and abandoning operations conducted by BBC at the above mentioned well, and agrees that BBC, its agents, employees, licensees, permittees, successors and assigns, may enter upon said premises and construct and maintain such roadways, bridges, and other means of access as are necessary to enable BBC on said location, for the purpose of erecting all necessary surface equipment, including but not limited to separators and tank battery storage facilities and other related facilities for the operating of the subject well or any other well(s) operated by BBC in the general area. Said location and road to be located as shown on Exhibit "A" attached hereto.

For the same consideration, Surface Owner does hereby grant and convey unto BBC, its successors and assigns, the right, at any time and from time to time, to lay, construct, reconstruct, replace, renew, operate, maintain, repair, change the size of, and remove a pipeline or pipelines for the transportation of oil, petroleum or any of its products, gas, water, saltwater and other substances, or any byproducts thereof, along, over, through, upon under and across the route of any such lines constructed hereunder, together with rights of ingress and egress to and from said line or lines for the purposes aforesaid. Such pipeline or pipelines to be buried to a depth of at least four feet below the surface as terrain allows. Such pipeline or pipelines to be constructed within the boundaries of the right-of-way granted herein as shown on Exhibit "B" attached hereto.

Surface Owner hereby releases BBC, its successors and assigns, from any and all damages and claims asserted. The consideration paid by BBC to Surface Owner is accepted by Surface Owner as full and final satisfaction for any and all damages and claims for damages to the surface which result from any of BBC's operations and privileges granted under the above Leases. Surface Owner hereby waives the right to collect any further and additional damages that may hereafter be asserted in connection with BBC's use of the land as further described on Exhibits "A and B" attached hereto and agrees to accept in lieu of any such future claims the agreed upon payment provided for in this Agreement.

Nothing herein shall alter or affect the rights of either party hereto with respect to surface use or disturbance of Surface Owner's land surrounding the drillsite locations, respectively, and BBC agrees to give Surface Owner advance notice of its intended use of any such surrounding land before commencing any operations thereon pursuant to its rights. Compensation for the use of any additional lands used by BBC shall be mutually agreed upon.

Surface Owner and BBC do hereby release, discharge and acquit the other from any and all liability, and shall indemnify the other against any and all claims and demands for damages, attorneys fees, injury or loss, existing now or done hereafter, to the surface of said lands or to any third parties arising out of or being the result of their or their agents, contractors licensees, permittees, successors and assigns own activities on or use of the subject property. However, such parties' potential liability under this paragraph to the other shall be limited to the acts and/or omission of its, or its predecessors, agents, contractors, licensees, permittees, successor and assigns, and shall not include any acts and/or omissions of the other party, it agents, contractors, licensees, permittees, successors or assigns. BBC shall reasonably maintain the subject property in order to prevent unnecessary deterioration of the surface and to keep the property in an unlittered condition.

Any topsoil which is removed by BBC on Surface Owner's land will be stockpiled at the drillsite and will be redistributed on the drillsite upon completion of all operations, and the land reseeded with grasses and/or native plants by BBC upon written request by Surface Owner. All mud pits will be filled and material and debris will be removed from the drillsite upon completion of operations. BBC shall remove from the lands covered hereby, at any time during the term hereof or within six (6) months after the plugging and abandonment of the well drilled pursuant to this Agreement, any or all structures, pipes, equipment and other facilities placed on, over, under, through and across any lands covered hereby, excepting fences, culverts, and other land improvements required by the Surface Owner, and title thereto shall be vested in BBC at all times, and shall in no event be considered or construed as fixtures thereto.

BBC shall maintain all roads used pursuant to this Agreement and shall install culverts where necessary to insure adequate drainage from all roads.

BBC shall repair any fences and gates damaged by them during the course of their operations on the lands subject to this Agreement.

Surface Owner and their heirs or assigns shall have full access and use of the road built pursuant to this Agreement.

This Agreement shall inure to the benefit of the parties hereto, their heirs, successors and assigns and shall be a burden running with the land.

This Agreement may be executed in any number of counterparts and all such counterparts shall be deemed to constitute a single Agreement and the execution of one counterpart by any party hereto shall have the same force and effect as if said party had signed all other counterparts.

IN WITNESS WHEREOF, the parties have executed this Surface Damage Settlement Agreement effective as of the 11th day of May, 2012.

GRANTORS:

By: Mona McInelly
Mona McInelly

BILL BARRETT CORPORATION

By: Clint W. Turner
Clint W. Turner
As Agent for Bill Barrett Corporation

ACKNOWLEDGEMENTS

STATE OF _____)
)
COUNTY OF _____)

See attached form

On the _____ day of _____, 2012, personally appeared before me Mona McInelly, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that she executed the same for the purpose and consideration therein expressed.

_____
Notary Public
Residing at:

My Commission Expires:_____

STATE OF UTAH)
)
COUNTY OF SALT LAKE)

On the 30th day of May, 2012, personally appeared before me Clint W. Turner, who, being by me duly sworn, did say that he is the Agent of Bill Barrett Corporation and that said instrument was signed in behalf of said corporation by authority of a resolution of its Board of Directors and said Clint W. Turner acknowledged to me that said corporation executed the same.

_____
Notary Public
Residing at: DAVIS CO, UT

My Commission Expires: 1-31-2016

ERIK CARLSON
NOTARY PUBLIC-STATE OF UTAH
COMMISSION# 651989
COMM. EXP. 01-31-2016

API Well Number: 43013520910000

Acknowledgement Form, attached to: Surface Damage & Right of Way Settlement Agreement

STATE OF CALIFORNIA)
) SS
COUNTY OF RIVERSIDE)

On 5-20-12, before me, Pat Henry, Notary Public, personally appeared:

Mona Mc Snelly

Who proved to me on this basis of satisfactory evidence to be the person(s) whose name(~~s~~) ~~are~~ is subscribed to the within instrument and acknowledged to me that ~~he~~/she/~~they~~ executed the same in ~~his~~/her/~~their~~ authorized capacity(~~ies~~), and that by ~~his~~/her/~~their~~ signature(~~s~~) on the instrument the person(~~s~~) or the entity upon behalf of which the person(~~s~~) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Pat Henry

Pat Henry, Notary Public

PAT HENRY
Commission # 1868767
Notary Public - California
Riverside County
My Comm. Expires Oct 19, 2013

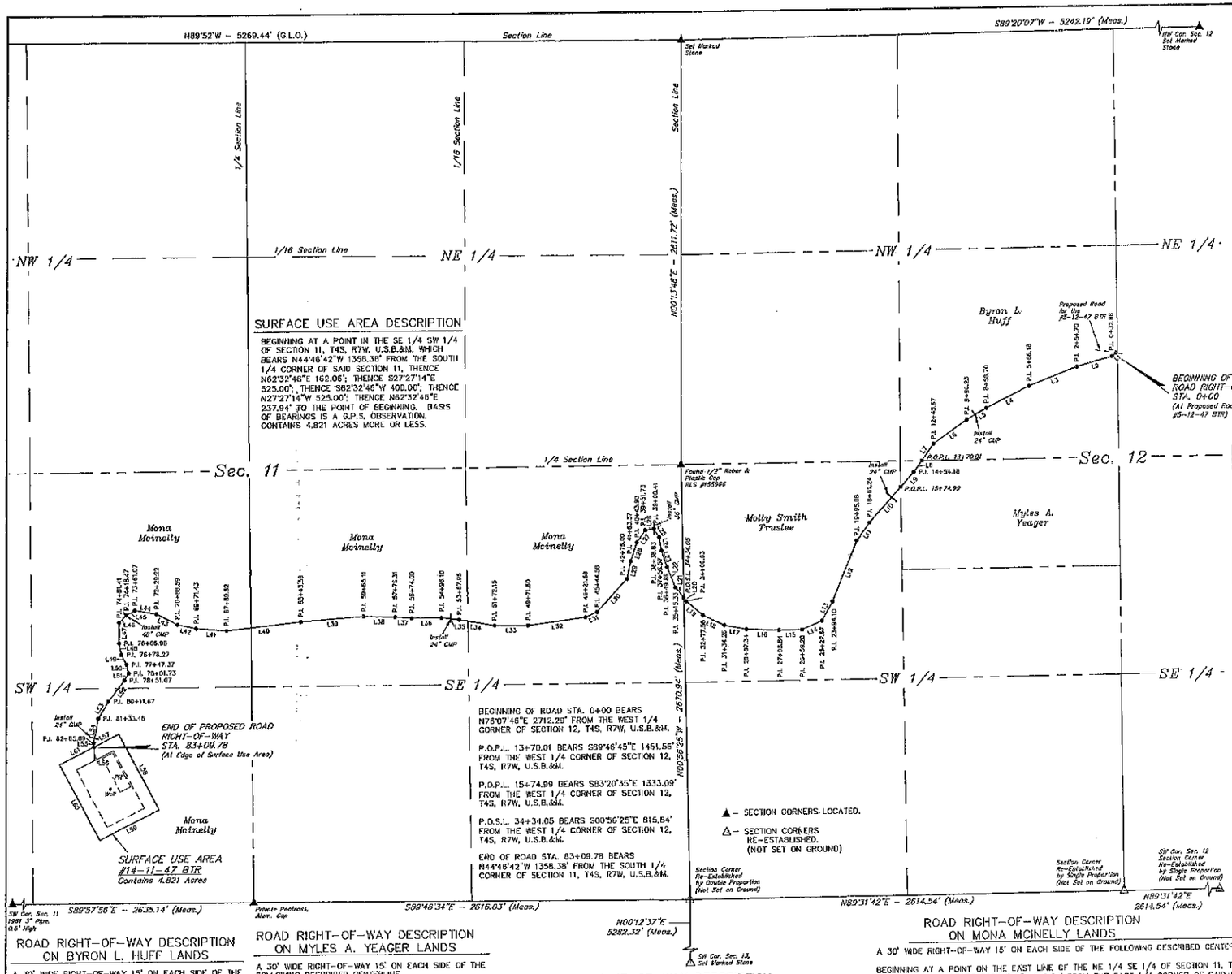
EXHIBIT A'

BILL BARRETT CORPORATION

LOCATION SURFACE USE AREA & ROAD RIGHT-OF-WAY ON FEE LANDS

(For #14-11-47 BTR)

LOCATED IN
SECTIONS 11 & 12, T4S, R7W, U.S.B.&M.
DUCHESNE COUNTY, UTAH



SURFACE USE AREA DESCRIPTION

BEGINNING AT A POINT IN THE SE 1/4 SW 1/4 OF SECTION 11, T4S, R7W, U.S.B.&M. WHICH BEARS N44°46'42"W 1358.38' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 11, THENCE N62°32'46"E 162.00'; THENCE S27°27'14"E 525.00'; THENCE S62°32'46"W 400.00'; THENCE N27°27'14"W 525.00'; THENCE N62°32'46"E 237.94' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 4.821 ACRES MORE OR LESS.

BEGINNING OF ROAD STA. 0+00 BEARS N76°07'46"E 2712.29' FROM THE WEST 1/4 CORNER OF SECTION 12, T4S, R7W, U.S.B.&M.

P.O.P.L. 13+70.01 BEARS S89°46'45"E 1451.56' FROM THE WEST 1/4 CORNER OF SECTION 12, T4S, R7W, U.S.B.&M.

P.O.P.L. 15+74.99 BEARS S83°20'35"E 1333.09' FROM THE WEST 1/4 CORNER OF SECTION 12, T4S, R7W, U.S.B.&M.

P.O.S.L. 34+34.05 BEARS S00°56'25"E 815.84' FROM THE WEST 1/4 CORNER OF SECTION 12, T4S, R7W, U.S.B.&M.

END OF ROAD STA. 83+09.78 BEARS N44°48'42"W 1358.38' FROM THE SOUTH 1/4 CORNER OF SECTION 11, T4S, R7W, U.S.B.&M.

▲ = SECTION CORNERS LOCATED.
△ = SECTION CORNERS RE-ESTABLISHED. (NOT SET ON GROUND)

BASIS OF BEARINGS

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

LINE TABLE			LINE TABLE			LINE TABLE		
LINE	DIRECTION	LENGTH	LINE	DIRECTION	LENGTH	LINE	DIRECTION	LENGTH
L1	S49°51'55"W	32.88'	L22	N21°54'40"W	134.53'	L43	N62°02'23"W	140.63'
L2	S74°15'11"W	221.84'	L23	N18°09'56"W	108.71'	L44	N80°20'06"W	131.85'
L3	S88°25'48"W	311.48'	L24	N09°34'16"W	82.26'	L45	S60°05'22"W	57.40'
L4	S63°15'29"W	292.52'	L25	N30°15'10"W	61.58'	L46	S43°51'21"W	62.94'
L5	S59°51'23"W	137.53'	L26	S80°41'15"W	51.31'	L47	S00°13'45"E	125.58'
L6	S54°13'44"W	249.44'	L27	S34°56'49"W	92.17'	L48	S10°15'19"E	71.28'
L7	S34°42'26"W	124.34'	L28	S18°02'32"W	116.47'	L49	S26°56'29"E	69.10'
L8	S34°42'26"W	84.17'	L29	S11°54'44"W	111.63'	L50	S12°57'04"E	54.36'
L9	S41°10'06"W	120.81'	L30	S42°06'40"W	269.58'	L51	S30°04'12"W	48.34'
L10	S41°10'06"W	266.23'	L31	S65°30'42"W	76.99'	L52	S36°32'44"W	160.61'
L11	S35°22'34"W	133.85'	L32	S82°24'33"W	350.02'	L53	S31°14'56"W	121.79'
L12	S21°34'46"W	399.02'	L33	N89°23'20"W	200.55'	L54	S09°37'08"W	152.42'
L13	S28°45'30"W	133.57'	L34	N80°01'28"W	215.80'	L55	S04°27'41"E	23.89'
L14	S66°03'48"W	131.61'	L35	N83°59'27"W	108.15'	L56	S04°27'41"E	81.47'
L15	S89°29'50"W	139.55'	L36	S89°39'14"W	177.90'	L57	N62°32'46"E	162.00'
L16	N87°47'10"W	198.50'	L37	N85°21'32"W	102.31'	L58	S27°27'14"E	525.00'
L17	N78°38'42"W	136.92'	L38	N88°33'39"W	188.80'	L59	S62°32'46"W	400.00'
L18	N63°27'05"W	143.30'	L39	S85°33'15"W	378.48'	L60	N27°27'14"W	525.00'
L19	N48°21'42"W	129.03'	L40	S83°33'16"W	445.93'	L61	N62°32'46"E	237.94'
L20	N37°29'15"W	27.42'	L41	N84°57'14"W	181.91'			
L21	N37°29'15"W	81.29'	L42	N77°50'16"W	117.16'			

RIGHT-OF-WAY LENGTHS			
PROPERTY OWNER	FEET	ACRES	RODS
BYRON L. HUFF	1370.01	0.944	83.03
MYLES A. YEAGER	204.98	0.141	12.42
MOLLY SMITH TRUSTEE	1859.06	1.280	112.67
MONA MACINELLY	4875.73	3.358	295.50

ROAD RIGHT-OF-WAY DESCRIPTION ON BYRON L. HUFF LANDS

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE SE 1/4 NW 1/4 OF SECTION 12, T4S, R7W, U.S.B.&M. WHICH BEARS N76°07'46"E 2712.29' FROM THE WEST 1/4 CORNER OF SAID SECTION 12, THENCE S49°51'55"W 32.88'; THENCE S74°15'11"W 221.84'; THENCE S88°25'48"W 311.48'; THENCE S63°15'29"W 292.52'; THENCE S59°51'23"W 137.53'; THENCE S54°13'44"W 249.44'; THENCE S34°42'26"W 124.34' TO A POINT ON THE SOUTH LINE OF THE SE 1/4 NW 1/4 OF SAID SECTION 12 WHICH BEARS S89°48'45"E 1451.56' FROM THE WEST 1/4 CORNER OF SAID SECTION 12. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.944 ACRES MORE OR LESS.

ROAD RIGHT-OF-WAY DESCRIPTION ON MYLES A. YEAGER LANDS

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT ON THE NORTH LINE OF THE NE 1/4 SW 1/4 OF SECTION 12, T4S, R7W, U.S.B.&M. WHICH BEARS S89°46'45"E 1451.56' FROM THE WEST 1/4 CORNER OF SAID SECTION 12, THENCE S34°42'26"W 84.17'; THENCE S41°10'08"W 120.81' TO A POINT ON THE WEST LINE OF THE NE 1/4 SW 1/4 OF SAID SECTION 12 WHICH BEARS S83°20'35"E 1333.09' FROM THE WEST 1/4 CORNER OF SAID SECTION 12. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.141 ACRES MORE OR LESS.

ROAD RIGHT-OF-WAY DESCRIPTION ON MOLLY SMITH TRUSTEE LANDS

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT ON THE EAST LINE OF THE NW 1/4 SW 1/4 OF SECTION 12, T4S, R7W, U.S.B.&M. WHICH BEARS S83°20'35"E 1333.09' FROM THE WEST 1/4 CORNER OF SAID SECTION 12, THENCE S41°10'08"W 286.25'; THENCE S35°22'34"W 133.85'; THENCE S21°34'46"W 399.02'; THENCE S28°45'30"W 133.57'; THENCE S66°03'48"W 131.61'; THENCE S89°29'50"W 139.55'; THENCE N87°47'10"W 198.50'; THENCE N78°38'42"W 136.92'; THENCE N63°27'05"W 143.30'; THENCE N48°21'42"W 129.03'; THENCE N37°29'15"W 27.42' TO A POINT ON THE WEST LINE OF THE NW 1/4 SW 1/4 OF SAID SECTION 12 WHICH BEARS S00°56'25"E 815.84' FROM THE WEST 1/4 CORNER OF SAID SECTION 12. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 1.280 ACRES MORE OR LESS.

ROAD RIGHT-OF-WAY DESCRIPTION ON MONA MCINELLY LANDS

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT ON THE EAST LINE OF THE NE 1/4 SE 1/4 OF SECTION 11, T4S, R7W, U.S.B.&M. WHICH BEARS S00°56'25"E 815.84' FROM THE EAST 1/4 CORNER OF SAID SECTION 11, THENCE N37°29'15"W 81.29'; THENCE N21°34'40"W 134.53'; THENCE N18°09'56"W 108.71'; THENCE N09°34'16"W 82.26'; THENCE N30°15'10"W 61.58'; THENCE S80°41'13"W 51.31'; THENCE S34°56'49"W 92.17'; THENCE S18°02'32"W 116.47'; THENCE S11°54'44"W 111.63'; THENCE S42°06'40"W 269.58'; THENCE S65°30'42"W 76.99'; THENCE S82°24'33"W 350.02'; THENCE N89°23'20"W 200.55'; THENCE N80°01'28"W 215.80'; THENCE N83°59'27"W 108.15'; THENCE S89°39'14"W 177.90'; THENCE N85°21'32"W 102.31'; THENCE N88°33'39"W 188.80'; THENCE S85°33'15"W 378.48'; THENCE S83°33'16"W 445.93'; THENCE N84°57'14"W 181.91'; THENCE N77°50'16"W 117.16'; THENCE N62°02'23"W 140.63'; THENCE N80°20'06"W 131.85'; THENCE S60°05'22"W 57.40'; THENCE S43°51'21"W 62.94'; THENCE S00°13'45"E 125.58'; THENCE S10°15'19"E 71.28'; THENCE S26°56'29"E 69.10'; THENCE S12°57'04"E 54.36'; THENCE S30°04'12"W 48.34'; THENCE S36°32'44"W 160.61'; THENCE S31°14'56"W 121.79'; THENCE S09°37'08"W 152.42'; THENCE S04°27'41"E 23.89' TO A POINT IN THE SE 1/4 SW 1/4 OF SAID SECTION 11 WHICH BEARS N44°46'42"W 1358.38' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 11. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 3.358 ACRES MORE OR LESS.

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.

REGISTERED LAND SURVEYOR REGISTRATION NO. 161319 STATE OF UTAH

REV: 04-11-12

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

SCALE 1" = 400'	DATE 08-19-11
PARTY A.F. B.A. K.O.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE 32757

API Well Number: 43013520910000

EXHIBIT 'B'

BILL BARRETT CORPORATION

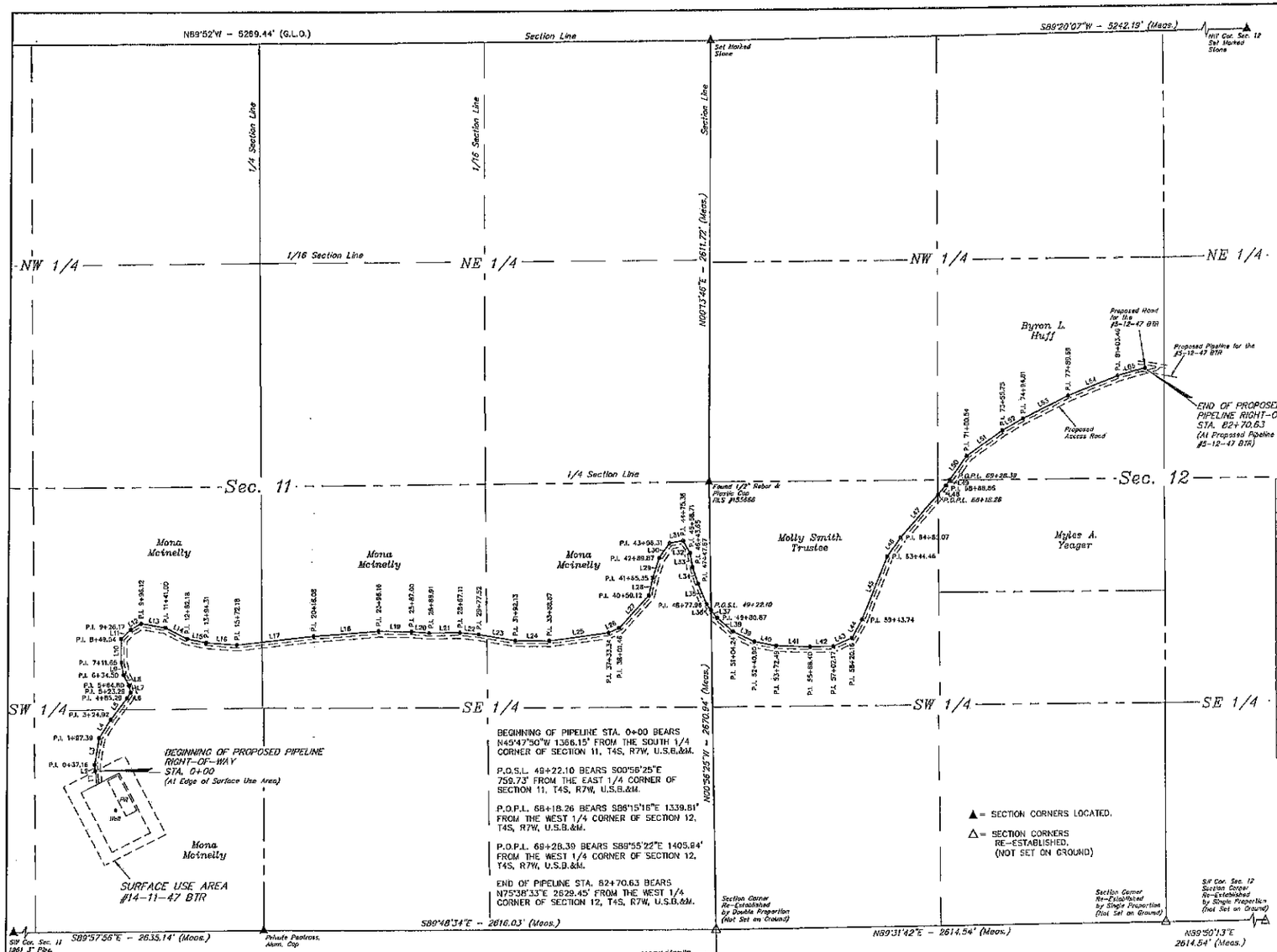
PIPELINE RIGHT-OF-WAY ON FEE LANDS

(For #14-11-47 BTR)

LOCATED IN
SECTIONS 11 & 12, T4S, R7W, U.S.B.&M.
DUCHESNE COUNTY, UTAH

BASIS OF BEARINGS

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



BEGINNING OF PIPELINE STA. 0+00 BEARS N45°47'50"W 1366.15' FROM THE SOUTH 1/4 CORNER OF SECTION 11, T4S, R7W, U.S.B.&M.

P.O.S.L. 49+22.10 BEARS S00°56'25"E 759.73' FROM THE EAST 1/4 CORNER OF SECTION 11, T4S, R7W, U.S.B.&M.

P.O.P.L. 68+18.26 BEARS S86°15'16"E 1339.81' FROM THE WEST 1/4 CORNER OF SECTION 12, T4S, R7W, U.S.B.&M.

P.O.P.L. 69+28.39 BEARS S89°55'22"E 1405.94' FROM THE WEST 1/4 CORNER OF SECTION 12, T4S, R7W, U.S.B.&M.

END OF PIPELINE STA. 82+70.63 BEARS N75°38'33"E 2629.45' FROM THE WEST 1/4 CORNER OF SECTION 12, T4S, R7W, U.S.B.&M.

▲= SECTION CORNERS LOCATED.

△= SECTION CORNERS RE-ESTABLISHED. (NOT SET ON GROUND)

LINE TABLE			LINE TABLE			LINE TABLE		
LINE	DIRECTION	LENGTH	LINE	DIRECTION	LENGTH	LINE	DIRECTION	LENGTH
L1	N36°37'50"W	80.74'	L20	S85°21'39"E	101.03'	L38	S63°27'05"E	136.65'
L2	N36°37'50"W	37.15'	L21	N88°38'14"E	178.20'	L40	S78°38'42"E	131.59'
L3	N39°35'59"E	160.33'	L22	S63°58'27"E	110.41'	L41	S87°47'10"E	195.91'
L4	N31°14'56"E	127.54'	L23	S80°01'28"E	214.61'	L42	N89°29'50"E	133.78'
L5	N30°32'44"E	160.36'	L24	S89°23'20"E	196.73'	L43	N66°03'48"E	117.99'
L6	N30°08'15"E	38.00'	L25	N82°24'35"E	344.47'	L44	N28°45'30"E	123.58'
L7	N12°57'04"W	41.61'	L26	N65°30'42"E	68.13'	L45	N21°35'19"E	400.72'
L8	N26°56'29"W	69.70'	L27	N42°06'40"E	257.66'	L46	N35°22'34"E	137.60'
L9	N30°13'45"W	77.14'	L28	N11°54'44"E	106.22'	L47	N41°10'11"E	336.20'
L10	N03°13'45"W	137.89'	L29	N18°02'32"E	124.53'	L48	N41°10'11"E	70.60'
L11	N43°51'21"E	78.63'	L30	N34°56'49"E	106.43'	L49	N34°43'11"E	39.52'
L12	N00°05'22"E	69.96'	L31	N00°41'13"E	79.06'	L50	N34°43'11"E	172.15'
L13	S80°20'05"E	144.87'	L32	S30°15'10"E	83.35'	L51	N54°13'02"E	256.21'
L14	S82°02'23"E	141.18'	L33	S09°34'16"E	84.94'	L52	N59°51'23"E	139.07'
L15	S77°59'16"E	112.13'	L34	S18°09'56"E	104.01'	L53	N63°15'39"E	294.88'
L16	S84°57'14"E	177.87'	L35	S21°54'40"E	130.29'	L54	N68°25'47"E	313.77'
L17	N83°33'14"E	443.90'	L36	S37°29'15"E	44.14'	L55	N74°15'55"E	167.17'
L18	N85°33'13"E	380.08'	L37	S37°29'15"E	58.77'			
L19	S48°33'38"E	190.84'	L38	S48°21'42"E	123.38'			

RIGHT-OF-WAY LENGTHS			
PROPERTY OWNER	FEET	ACRES	RODS
MONA MACINELLY	4922.10	3.390	298.31
MOLLY SMITH TRUSTEE	1895.16	1.306	114.92
MYLES A. YEAGER	110.13	0.076	6.67
BYRON L. HUFF	1342.24	0.924	81.35

PIPELINE RIGHT-OF-WAY DESCRIPTION ON BYRON L. HUFF LANDS

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT ON THE SOUTH LINE OF THE SE 1/4 NW 1/4 OF SECTION 12, T4S, R7W, U.S.B.&M. WHICH BEARS S89°55'22"E 1405.94' FROM THE WEST 1/4 CORNER OF SAID SECTION 12, THENCE N34°43'11"E 172.15'; THENCE N54°13'02"E 256.21'; THENCE N59°51'23"E 139.07'; THENCE N63°15'39"E 294.88'; THENCE N68°25'47"E 313.77'; THENCE N74°15'55"E 167.17' TO A POINT IN THE SE 1/4 NW 1/4 OF SAID SECTION 12 WHICH BEARS N75°38'33"E 2629.45' FROM THE WEST 1/4 CORNER OF SAID SECTION 12. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.924 ACRES MORE OR LESS.

PIPELINE RIGHT-OF-WAY DESCRIPTION ON MYLES A. YEAGER LANDS

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT ON THE WEST LINE OF THE NE 1/4 SW 1/4 OF SECTION 12, T4S, R7W, U.S.B.&M. WHICH BEARS S86°15'16"E 1339.81' FROM THE WEST 1/4 CORNER OF SAID SECTION 12, THENCE N41°10'11"E 70.60'; THENCE N34°43'11"E 39.52' TO A POINT ON THE NORTH LINE OF THE NE 1/4 SW 1/4 OF SAID SECTION 12 WHICH BEARS S89°55'22"E 1405.94' FROM THE WEST 1/4 CORNER OF SAID SECTION 12. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.076 ACRES MORE OR LESS.

PIPELINE RIGHT-OF-WAY DESCRIPTION ON MOLLY SMITH TRUSTEE LANDS

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT ON THE WEST LINE OF THE NW 1/4 SW 1/4 OF SECTION 12, T4S, R7W, U.S.B.&M. WHICH BEARS S00°56'25"E 759.73' FROM THE WEST 1/4 CORNER OF SAID SECTION 12, THENCE S37°29'15"E 58.77'; THENCE S48°21'42"E 123.38'; THENCE S63°27'05"E 136.65'; THENCE S78°38'42"E 131.59'; THENCE S87°47'10"E 195.91'; THENCE N89°29'50"E 133.78'; THENCE N66°03'48"E 117.99'; THENCE N28°45'30"E 123.58'; THENCE N21°35'19"E 400.72'; THENCE N35°22'34"E 137.60'; THENCE N41°10'11"E 336.20' TO A POINT ON THE EAST LINE OF THE NW 1/4 SW 1/4 OF SAID SECTION 12 WHICH BEARS S86°15'16"E 1339.81' FROM THE WEST 1/4 CORNER OF SAID SECTION 12. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 1.306 ACRES MORE OR LESS.

PIPELINE RIGHT-OF-WAY DESCRIPTION ON MONA MCINELLY LANDS

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE SE 1/4 SW 1/4 OF SECTION 11, T4S, R7W, U.S.B.&M. WHICH BEARS N45°47'50"W 1366.15' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 11, THENCE N36°37'50"W 37.15'; THENCE N09°35'58"E 160.23'; THENCE N31°14'56"E 127.54'; THENCE N30°32'44"E 160.36'; THENCE N30°08'15"E 38.00'; THENCE N12°57'04"W 41.61'; THENCE N26°56'29"W 69.70'; THENCE N10°15'19"W 77.14'; THENCE N00°13'45"W 137.89'; THENCE N43°51'21"E 78.63'; THENCE N00°05'22"E 69.96'; THENCE S80°20'05"E 144.87'; THENCE S82°02'23"E 141.18'; THENCE S77°59'16"E 112.13'; THENCE S84°57'14"E 177.87'; THENCE N83°33'14"E 443.90'; THENCE N85°33'13"E 380.08'; THENCE S88°33'39"E 190.84'; THENCE S85°21'32"E 101.92'; THENCE N89°39'14"E 178.20'; THENCE S63°58'27"E 110.41'; THENCE S80°01'28"E 214.61'; THENCE S89°23'20"E 196.73'; THENCE N82°24'35"E 344.47'; THENCE N65°30'42"E 68.13'; THENCE N42°06'40"E 257.66'; THENCE N11°54'44"E 106.22'; THENCE N18°02'32"E 124.53'; THENCE N34°56'49"E 106.43'; THENCE N80°41'13"E 79.06'; THENCE S30°15'10"E 83.35'; THENCE S09°34'16"E 84.94'; THENCE S18°09'56"E 104.01'; THENCE S21°54'40"E 130.29'; THENCE S37°29'15"E 44.14' TO A POINT ON THE EAST LINE OF THE NE 1/4 SE 1/4 OF SAID SECTION 11 WHICH BEARS S00°56'25"E 759.73' FROM THE EAST 1/4 CORNER OF SAID SECTION 11. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 3.390 ACRES MORE OR LESS.

CERTIFICATE

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

REGISTERED LAND SURVEYOR REGISTRATION NO. 161319 STATE OF UTAH

REV: 04-11-12

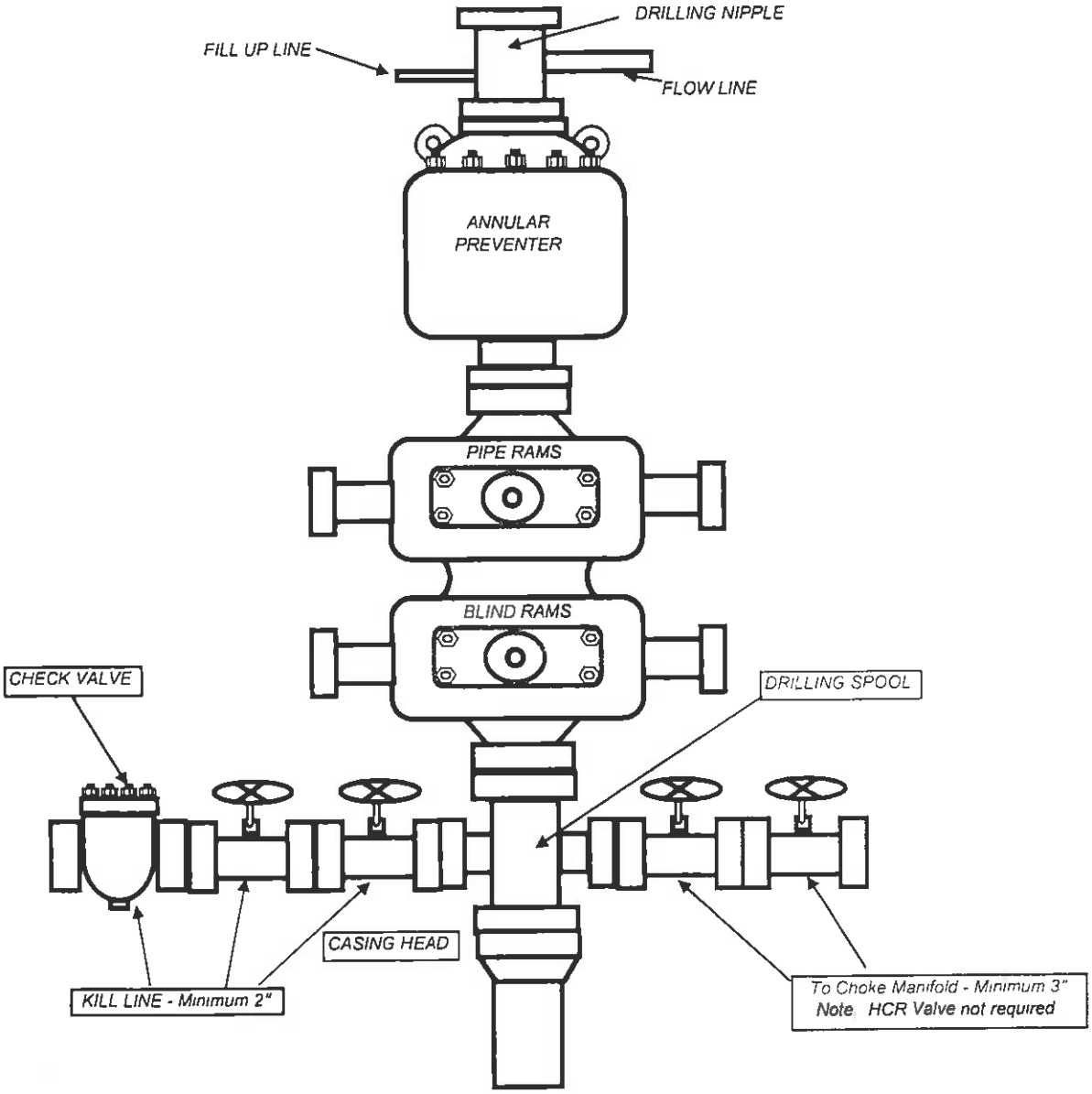
UINTAH ENGINEERING & LAND SURVEYING
55 SOUTH - 200 EAST • (435) 789-1017
VERNAL, UTAH - 84078

SCALE 1" = 400'	DATE 08-19-11
PARTY A.F. B.A. K.O.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE 32758

API Well Number: 43013520910000

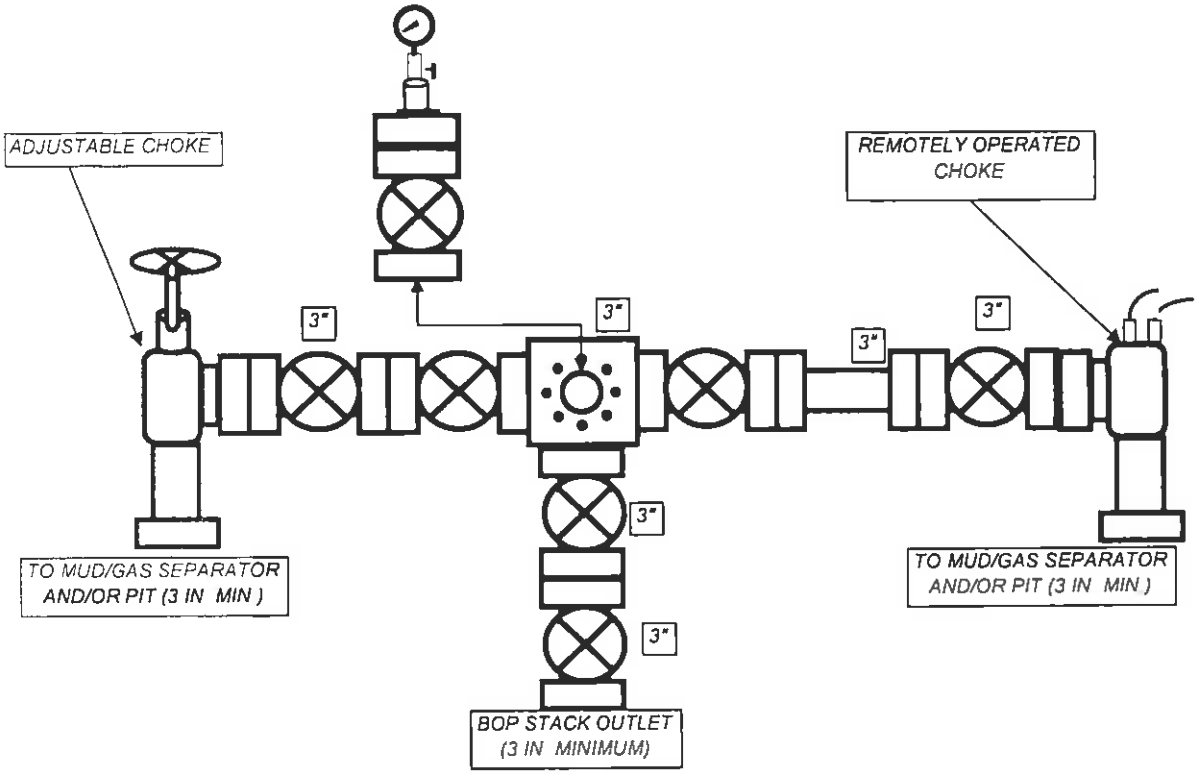
BILL BARRETT CORPORATION

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



BILL BARRETT CORPORATION

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



API Well Number: 43013520910000

BILL BARRETT CORPORATION

LOCATION LAYOUT FOR

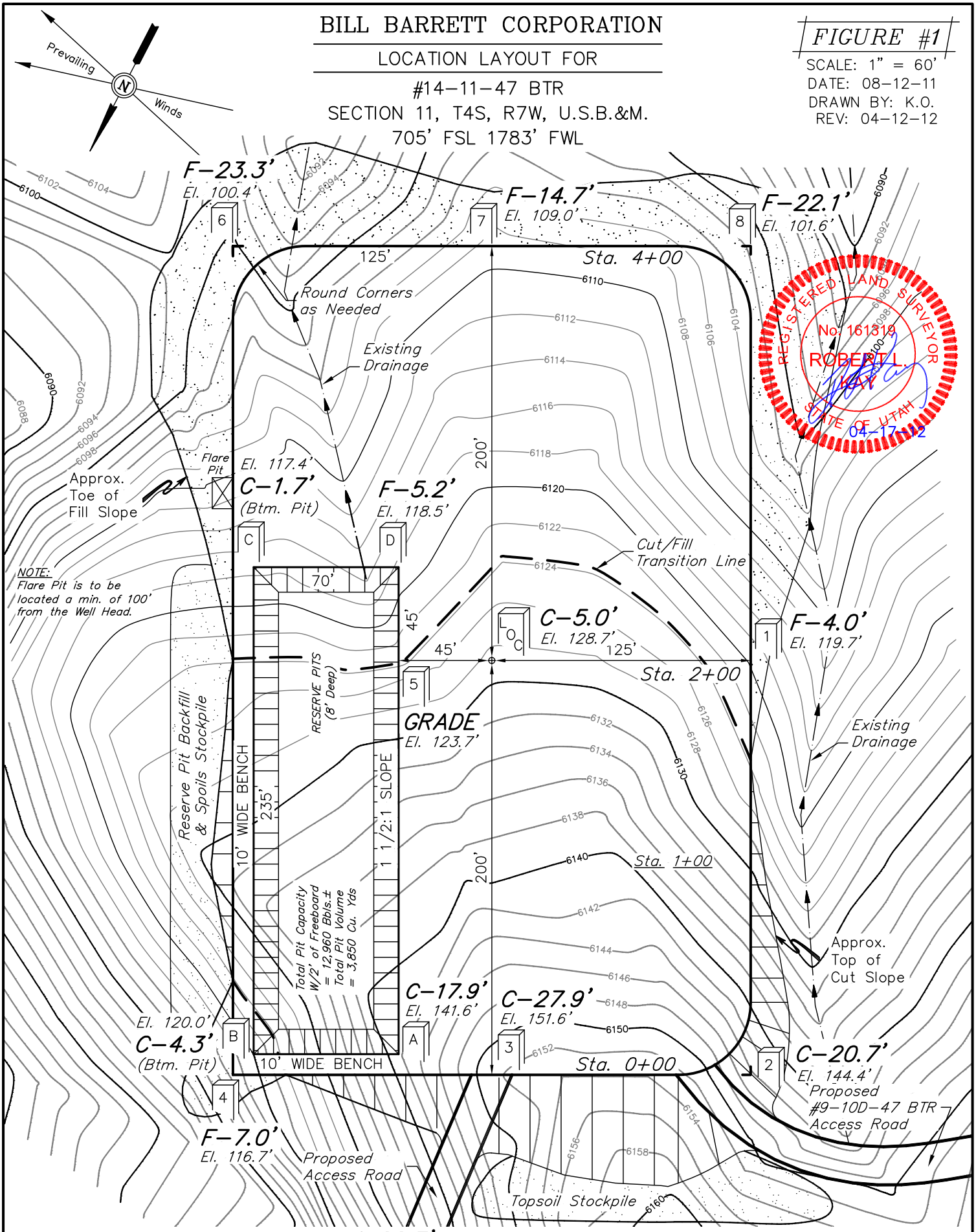
#14-11-47 BTR

SECTION 11, T4S, R7W, U.S.B.&M.

705' FSL 1783' FWL

FIGURE #1

SCALE: 1" = 60'
DATE: 08-12-11
DRAWN BY: K.O.
REV: 04-12-12



Elev. Ungraded Ground At Loc. Stake = 6128.7'

FINISHED GRADE ELEV. AT LOC. STAKE = 6123.7'

UINTAH ENGINEERING & LAND SURVEYING

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

RECEIVED: March 13, 2013

BILL BARRETT CORPORATION

TYPICAL CROSS SECTIONS FOR

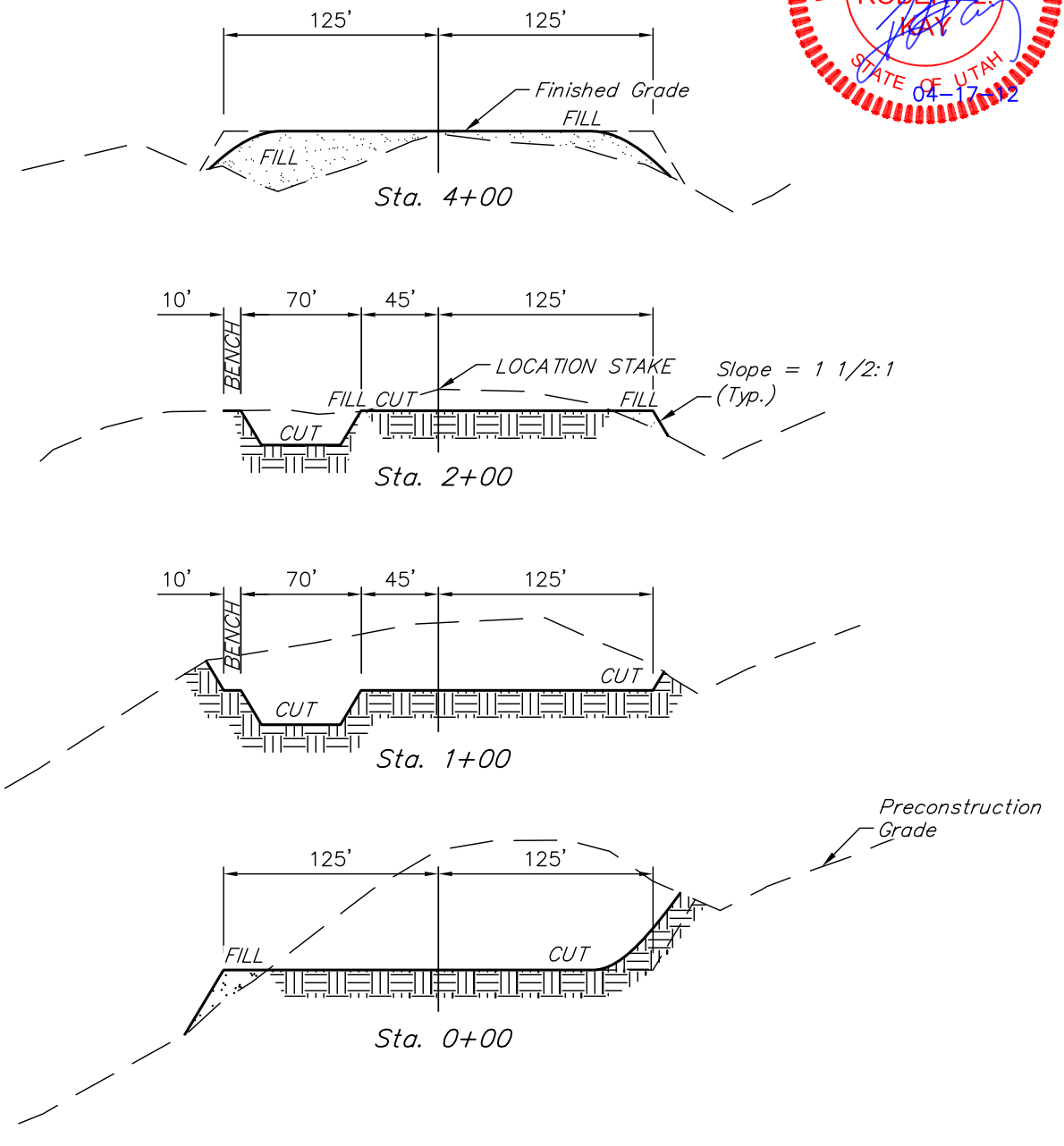
#14-11-47 BTR
SECTION 11, T4S, R7W, U.S.B.&M.
705' FSL 1783' FWL

FIGURE #2

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

DATE: 08-12-11
DRAWN BY: K.O.
REV: 04-12-12

REGISTERED LAND SURVEYOR No. 161319 ROBERT L. DAY STATE OF UTAH 04-17-12



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

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE	= ±	*4.821 ACRES*
ACCESS ROAD DISTURBANCE	= ±	*5.723 ACRES*
PIPELINE DISTURBANCE	= ±	*5.696 ACRES*
TOTAL	= ±	*16.240 ACRES*

* *NOTE:*
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping	=	*2,620* Cu. Yds.
Remaining Location	=	*29,470* Cu. Yds.
TOTAL CUT	=	*32,090* CU.YDS.
FILL	=	*27,540* CU.YDS.

EXCESS MATERIAL	=	*4,550* Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	*4,550* Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	=	*0* Cu. Yds.

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

RECEIVED: March 13, 2013

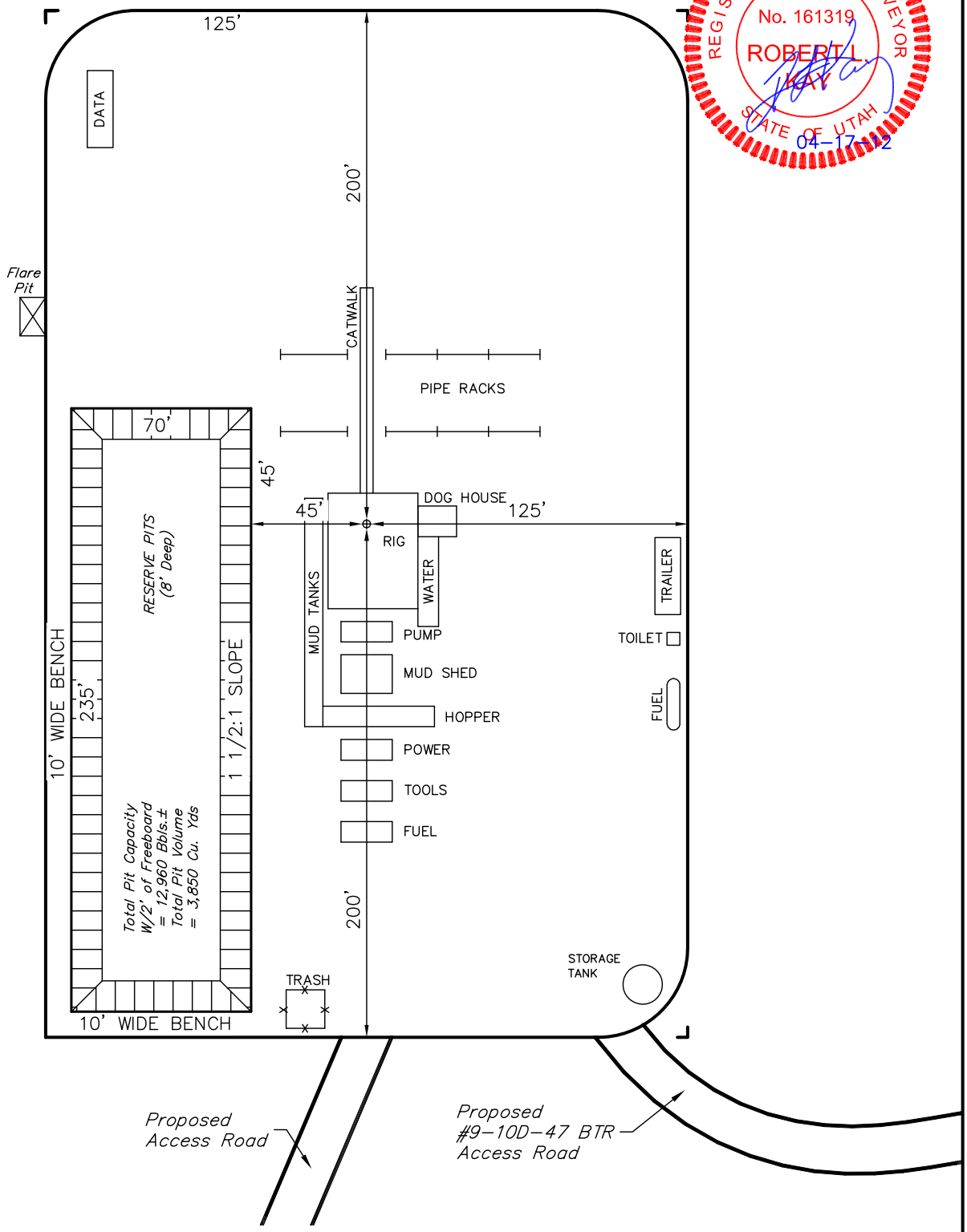
BILL BARRETT CORPORATION

TYPICAL RIG LAYOUT FOR

#14-11-47 BTR
SECTION 11, T4S, R7W, U.S.B.&M.
705' FSL 1783' FWL

FIGURE #3
SCALE: 1" = 60'
DATE: 08-12-11
DRAWN BY: K.O.
REV: 04-12-12

REGISTERED LAND SURVEYOR
No. 161319
ROBERT L. KAY
STATE OF UTAH
04-17-12



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

RECEIVED: March 13, 2013

API Well Number: 43013520910000

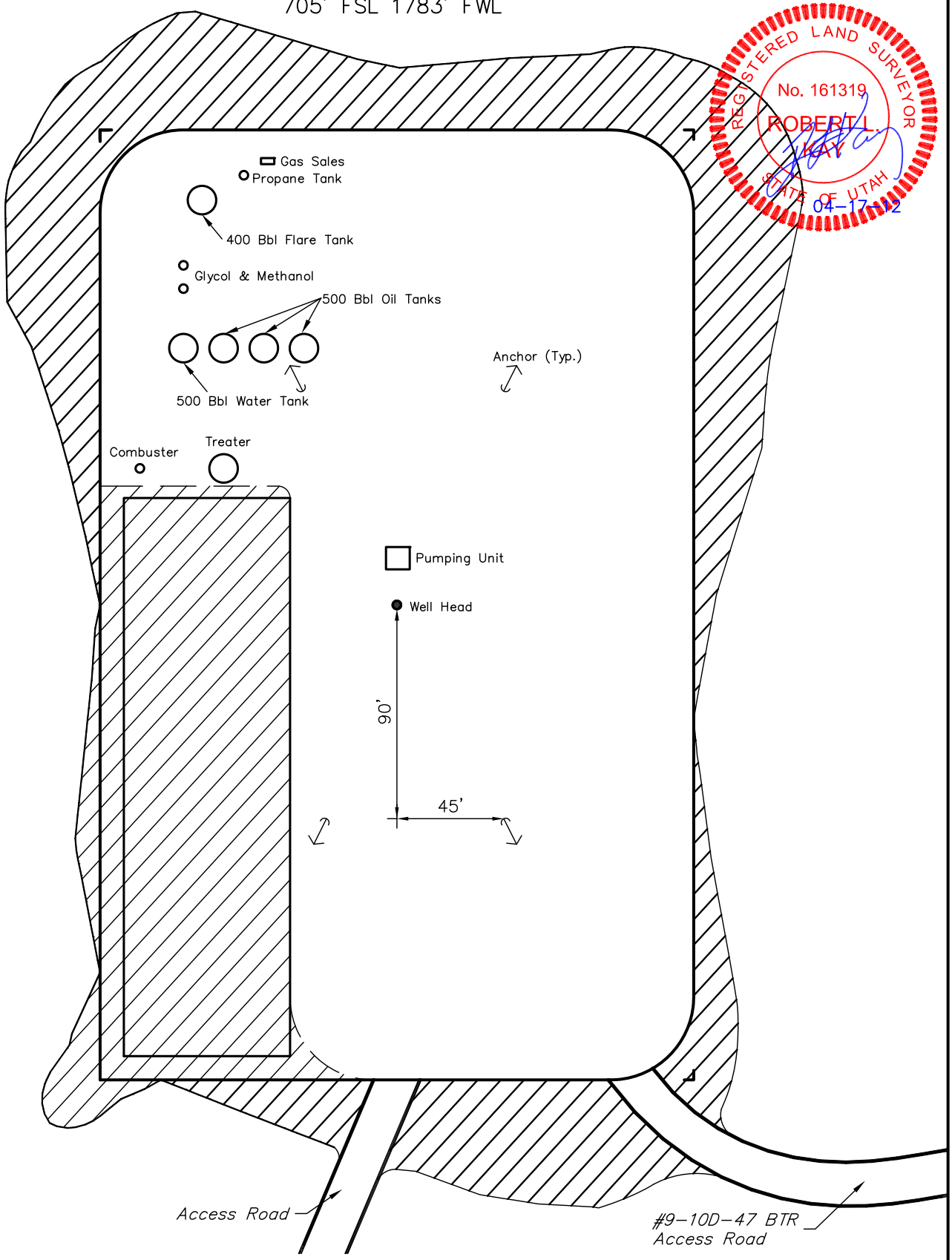
BILL BARRETT CORPORATION

INTERIM RECLAMATION PLAN FOR

#14-11-47 BTR
SECTION 11, T4S, R7W, U.S.B.&M.
705' FSL 1783' FWL

FIGURE #4
SCALE: 1" = 60'
DATE: 08-12-11
DRAWN BY: K.O.
REV: 04-12-12

REGISTERED LAND SURVEYOR
No. 161319
ROBERT L. KAY
STATE OF UTAH
04-17-12



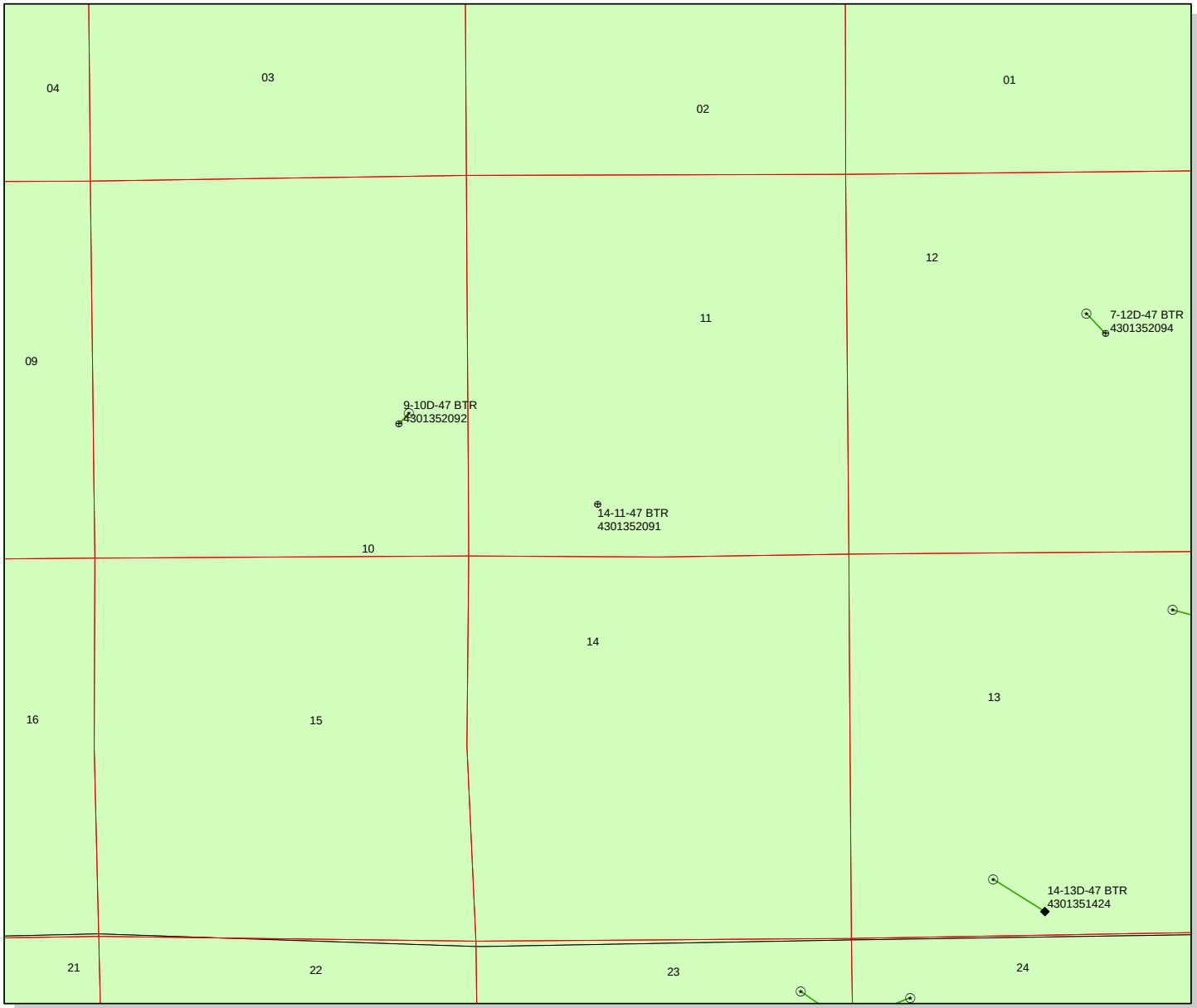
INTERIM RECLAMATION

APPROXIMATE ACREAGES
UN-RECLAIMED = ± 1.813 ACRES

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

RECEIVED: March 13, 2013

API Well Number: 43013520910000



API Number: 4301352091

Well Name: 14-11-47 BTR

Township T04.0S Range R07.0W Section 11

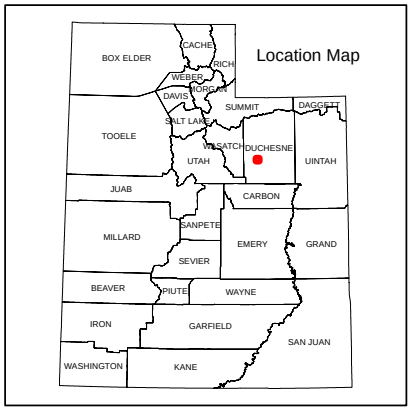
Meridian: UBM

Operator: BILL BARRETT CORP

Map Prepared:
Map Produced by Diana Mason

Units
STATUS
- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields
STATUS
- Unknown
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- STORAGE
- TERMINATED



1,750 875 0 1,750 Feet

1:17,106

RECEIVED: March 15, 2013

API Well Number: 43013520910000

BOPE REVIEW BILL BARRETT CORP 14-11-47 BTR 43013520910000

Well Name	BILL BARRETT CORP 14-11-47 BTR 43013520910000			
String	Cond	Surf	Prod	
Casing Size(")	16.000	9.625	9.625	
Setting Depth (TVD)	80	1300	6949	
Previous Shoe Setting Depth (TVD)	0	80	1300	
Max Mud Weight (ppg)	8.8	8.8	9.6	
BOPE Proposed (psi)	0	500	5000	
Casing Internal Yield (psi)	1700	3520	4810	
Operators Max Anticipated Pressure (psi)	3468		9.6	

Calculations	**Cond String**	**16.000**	"	
Max BHP (psi)	.052*Setting Depth*MW=	37		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	27	NO	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	19	NO	
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	19	NO	
Required Casing/BOPE Test Pressure=		80	psi	
***Max Pressure Allowed @ Previous Casing Shoe=**		0	psi	*Assumes 1psi/ft frac gradient

Calculations	**Surf String**	**9.625**	"	
Max BHP (psi)	.052*Setting Depth*MW=	595		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	439	YES	Fresh wtr spud mud
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	309	YES	OK
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	327	NO	OK
Required Casing/BOPE Test Pressure=		1300	psi	
***Max Pressure Allowed @ Previous Casing Shoe=**		80	psi	*Assumes 1psi/ft frac gradient

Calculations	**Prod String**	**9.625**	"	
Max BHP (psi)	.052*Setting Depth*MW=	3469		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	2635	YES	DAP polymer fluid, 11" 5M Ram Type BOP &
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1940	YES	5M Annular
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	2226	NO	OK
Required Casing/BOPE Test Pressure=		3367	psi	
***Max Pressure Allowed @ Previous Casing Shoe=**		1300	psi	*Assumes 1psi/ft frac gradient

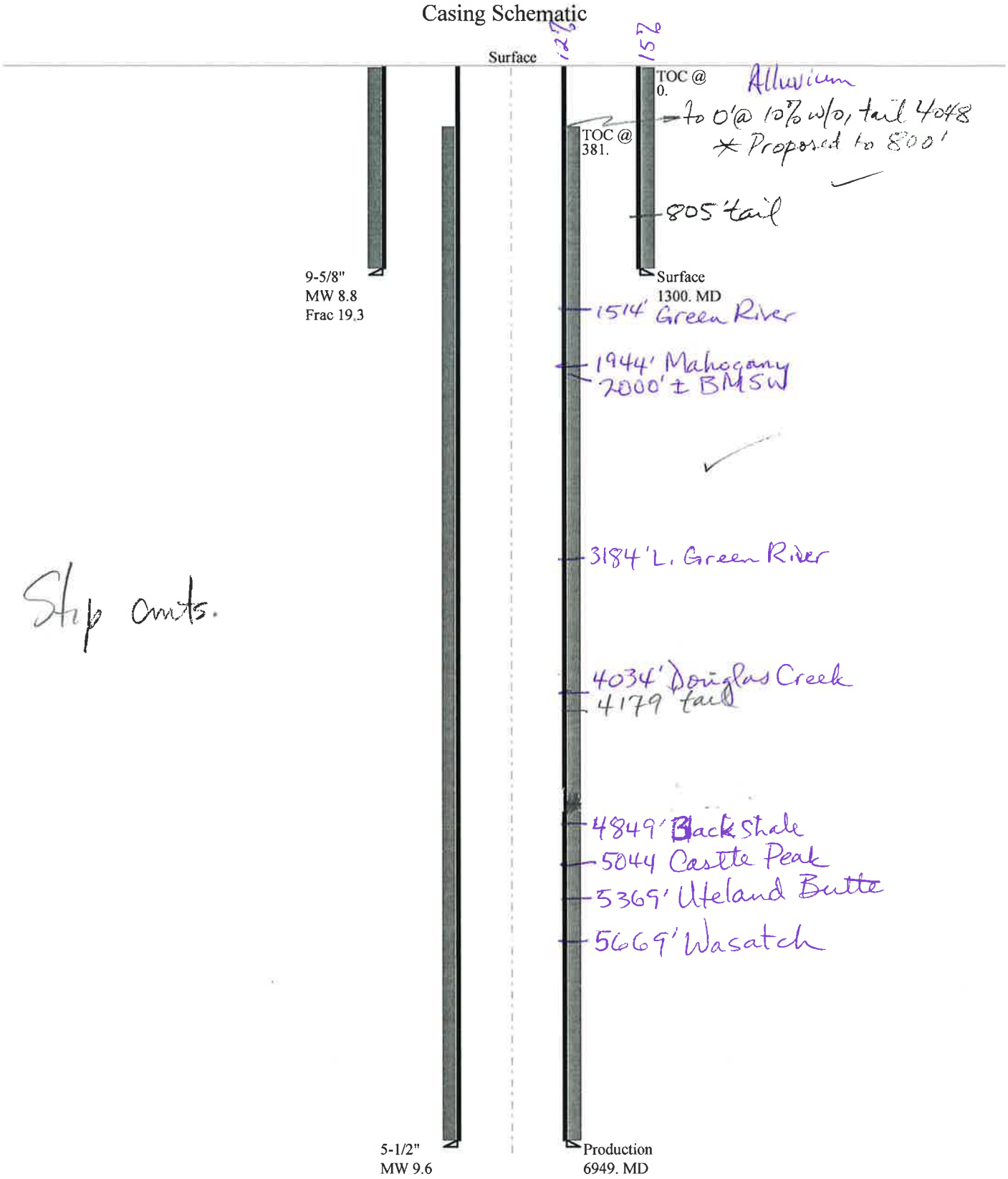
Calculations	**String**		"	
Max BHP (psi)	.052*Setting Depth*MW=			
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO	
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure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

RECEIVED: April 29, 2013

API Well Number: 43013520910000

43013520910000 14-11-47 BTR

Casing Schematic



API Well Number: 43013520910000

Well name:	**43013520910000 14-11-47 BTR**
Operator:	**BILL BARRETT CORP.**
String type:	Surface
Project ID:	43-013-52091
Location:	DUCHESNE COUNTY

Design parameters:

Collapse

Mud weight: 8.800 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 1,139 psi

Internal gradient: 0.120 psi/ft

Calculated BHP 1,295 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.70 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Tension is based on air weight.

Neutral point: 1,131 ft

Environment:

H2S considered? No

Surface temperature: 74 °F

Bottom hole temperature: 92 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 100 ft

Cement top: Surface

Non-directional string.

Re subsequent strings:

Next setting depth: 6,949 ft

Next mud weight: 9.600 ppg

Next setting BHP: 3,465 psi

Fracture mud wt: 19.250 ppg

Fracture depth: 1,294 ft

Injection pressure: 1,294 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	1300	9.625	36.00	J-55	ST&C	1300	1300	8.796	11299

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	594	2020	3.399	1295	3520	2.72	46.8	394	8.42 J

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

Date: April 24,2013
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 1300 ft, a mud weight of 8.8 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

API Well Number: 43013520910000

Well name:	**43013520910000 14-11-47 BTR**
Operator:	**BILL BARRETT CORP.**
String type:	Production
Project ID:	43-013-52091
Location:	DUCHESNE COUNTY

Design parameters:

Collapse

Mud weight: 9.600 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 1,937 psi

Internal gradient: 0.220 psi/ft

Calculated BHP 3,465 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.60 (B)

Tension is based on air weight.

Neutral point: 5,937 ft

Environment:

H2S considered? No

Surface temperature: 74 °F

Bottom hole temperature: 171 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 1,000 ft

Cement top: 381 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)	Est. Cost ($)
1	6949	5.5	17.00	P-110	LT&C	6949	6949	4.767	45772

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	3465	7480	2.158	3465	10640	3.07	118.1	445	3.77 J

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

Date: April 24,2013
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 6949 ft, a mud weight of 9.6 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

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

Operator BILL BARRETT CORP
Well Name 14-11-47 BTR
API Number 43013520910000 **APD No** 7796 **Field/Unit** WILDCAT
Location: 1/4,1/4 SESW **Sec** 11 **Tw** 4.0S **Rng** 7.0W 705 FSL 1783 FWL
GPS Coord (UTM) 530153 4443588 **Surface Owner** Mona McInelly

Participants

Zack Garner (BBC), Jim Burns (permit contractor), Trevor Anderson (surveyor), James Hereford (BLM), Amy Ackman (archeologist), Joe Via (T &E species), Michael Callen (reclamation specialist)

Regional/Local Setting & Topography

This proposed well site is approximately 14 miles west of Duchesne, UT and about 5 miles west of Starvation Reservoir. The location sits high above the Strawberry River on the north side of that canyon. The river is just over 0.5 mile south of the location. To the north the land continues to climb to the large bench on which lies the Hwy 40 corridor. This location sits on top of a steep narrow ridge. There are large draws on either side (east and west) of this location but, as situated, the larger drainages are not affected.

Surface Use Plan

Current Surface Use
Wildlfe Habitat

New Road Miles	Well Pad	Src Const Material	Surface Formation
1.6	**Width** 250 **Length** 400	Offsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna
Pinion, Juniper, sparse to no other vegetation

Soil Type and Characteristics
Loam covered with fractured rock fragments

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required? N

RECEIVED: April 30, 2013

API Well Number: 43013520910000

Berm Required? Y

Erosion Sedimentation Control Required? N

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

Reserve Pit

Site-Specific Factors		Site Ranking	
Distance to Groundwater (feet)	>200	0	
Distance to Surface Water (feet)	>1000	0	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)	>1320	0	
Native Soil Type	Mod permeability	10	
Fluid Type	TDS>10000	15	
Drill Cuttings	Normal Rock	0	
Annual Precipitation (inches)	10 to 20	5	
Affected Populations			
Presence Nearby Utility Conduits	Not Present	0	
	Final Score	30	1 Sensitivity Level

Characteristics / Requirements

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

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

Other Observations / Comments

Richard Powell	4/10/2013
Evaluator	**Date / Time**

RECEIVED: April 30, 2013

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

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
7796	43013520910000	LOCKED	OW	P	No
Operator	BILL BARRETT CORP		**Surface Owner-APD**	Mona McInelly	
Well Name	14-11-47 BTR		**Unit**		
Field	WILDCAT		**Type of Work**	DRILL	
Location	SESW 11 4S 7W U 705 FSL 1783 FWL GPS Coord (UTM) 530148E 4443588N				

Geologic Statement of Basis

Bill Barrett proposes to set 80 feet of conductor and 1,300 feet of surface casing which will be cemented to surface. The surface hole will be drilled utilizing fresh water mud. The estimated depth to the base of moderately saline ground water is 2,000 feet. A search of Division of Water Rights records indicates that there are 5 water wells within a 10,000 foot radius of the center of Section 11. The nearest water well is approximately .75 miles east of the proposed site and produces water from a depth of 30 feet. Depth for the 5 wells ranges from 30 to 555 feet. Uses are listed as domestic, stock watering and irrigation. These wells produce water from alluvial materials deposited by the Strawberry River and the Green River Formation. Production casing cement should be brought up above the estimated base of the moderately saline ground water.

Brad Hill	4/16/2013
APD Evaluator	**Date / Time**

Surface Statement of Basis

This well is on fee surface with fee minerals. I made several attempts to contact surface owner Mona McInelly by phone but was unable to contact her. Ms. McInelly did not return calls. This proposed well site sits high up on the north side canyon slope overlooking the Strawberry River just west of Starvation Reservoir. The well sits on a narrow ridge between two large draws to the east and west sides of the location. The draws are not affected by the well placement and as such the site appears stable. According to Zack Garner of Bill Barrett Corp. a minimum 16 mil liner will be used for this location. Due to the steep slopes this location should be bermed to keep fluids from running off the site. This appears to be a good site for location of this well.

Richard Powell	4/10/2013
Onsite Evaluator	**Date / Time**

Conditions of Approval / Application for Permit to Drill

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

RECEIVED: April 30, 2013

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 3/13/2013
API NO. ASSIGNED: 43013520910000
WELL NAME: 14-11-47 BTR
OPERATOR: BILL BARRETT CORP (N2165)
PHONE NUMBER: 303 312-8172
CONTACT: Venessa Langmacher

PROPOSED LOCATION: SESW 11 040S 070W
Permit Tech Review: ✔

SURFACE: 0705 FSL 1783 FWL
Engineering Review: ✔

BOTTOM: 0705 FSL 1783 FWL
Geology Review: ✔

COUNTY: DUCHESNE
LATITUDE: 40.14209
LONGITUDE: -110.64608
UTM SURF EASTINGS: 530148.00
NORTHINGS: 4443588.00
FIELD NAME: WILDCAT
LEASE TYPE: 4 - Fee
LEASE NUMBER: Fee
PROPOSED PRODUCING FORMATION(S): GREEN RIVER(LWR)-WASATCH
SURFACE OWNER: 4 - Fee
COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

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

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit:

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

Board Cause No: Cause 139-85
Effective Date: 3/11/2010
Siting: 4 Prod LGRRV-WSTC Wells

- ☐ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations: 5 - Statement of Basis - bhill

RECEIVED: April 30, 2013

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

Permit To Drill

****

Well Name: 14-11-47 BTR
API Well Number: 43013520910000
Lease Number: Fee
Surface Owner: FEE (PRIVATE)
Approval Date: 4/30/2013

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

Authority:
Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 139-85. The expected producing formation or pool is the GREEN RIVER(LWR)-WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

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

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

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

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

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

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

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

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

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

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

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

Approved By:

For John Rogers
Associate Director, Oil & Gas

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: Fee

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
11-11D-47 BTR

2. NAME OF OPERATOR:
BILL BARRETT CORP

9. API NUMBER:
43013520910000

3. ADDRESS OF OPERATOR:
1099 18th Street Ste 2300 , Denver, CO, 80202

PHONE NUMBER:
303 312-8134 Ext

9. FIELD and POOL or WILDCAT:
UNDESIGNATED

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0705 FSL 1783 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SESW Section: 11 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		
✓ NOTICE OF INTENT Approximate date work will start: 5/1/2014	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	✓ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	✓ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

BBC hereby requests to change the bottom hole of the subject well location; the surface location will remain the same. As a result of this change, the well name will also be revised to 11-11D-47 BTR. Please see revised survey plat, directional plan, directional letter and drilling program attached.

Approved by the Utah Division of Oil, Gas and Mining

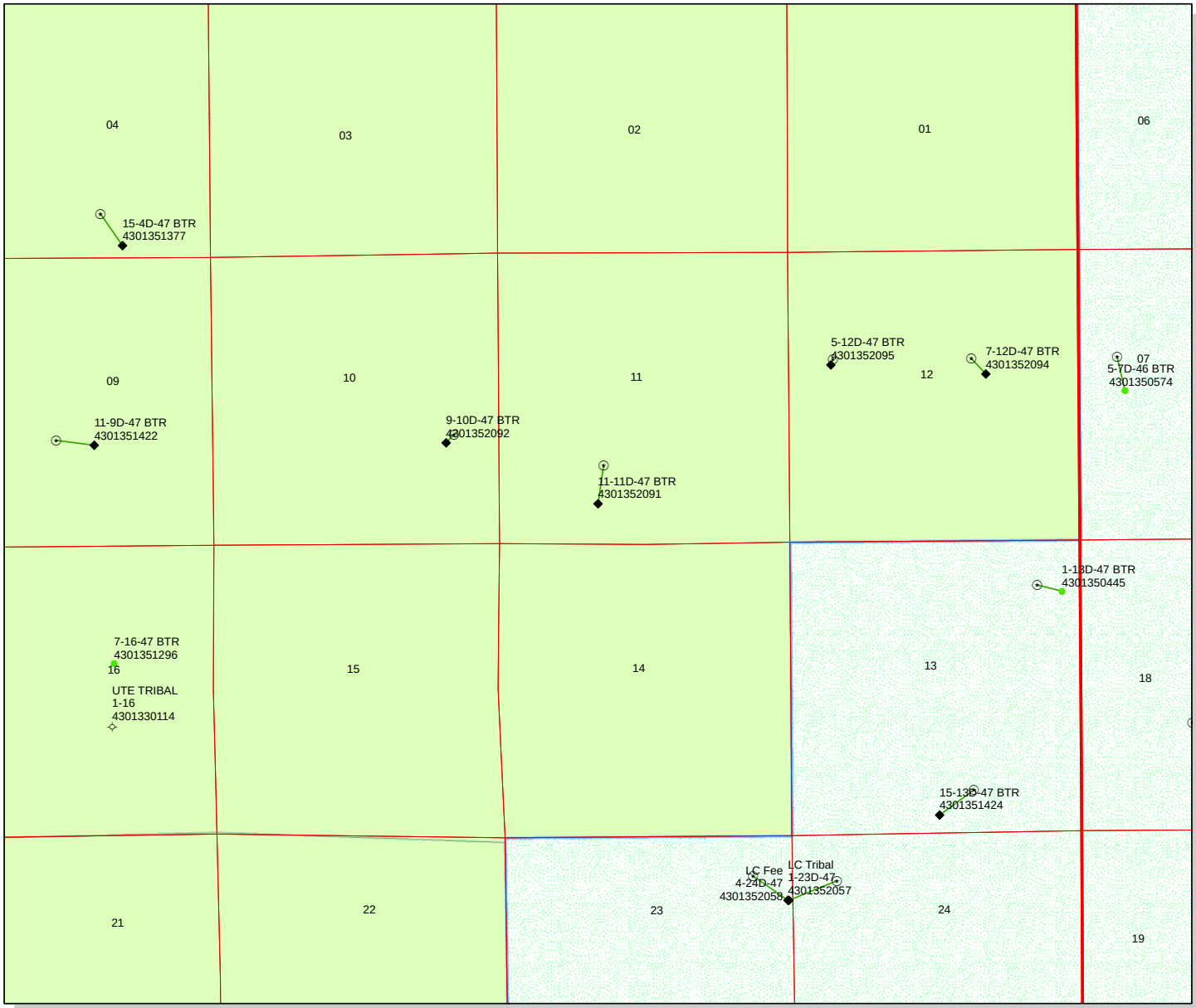
Date: December 09, 2013

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Venessa Langmacher	303 312-8172	Senior Permit Analyst

SIGNATURE	DATE
N/A	11/25/2013

RECEIVED: Nov. 25, 2013



API Number: 4301352091

Well Name: 11-11D-47 BTR

Township: T04.0S Range: R07.0W Section: 11 Meridian: U

Operator: BILL BARRETT CORP

Map Prepared: 11/27/2013
Map Produced by Diana Mason

Wells Query

Status

- APD - Aproved Permit
- DRL - Spuded (Drilling Commenced)
- GIW - Gas Injection
- GS - Gas Storage
- LOC - New Location
- OPS - Operation Suspended
- PA - Plugged Abandoned
- PGW - Producing Gas Well
- POW - Producing Oil Well
- SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- TA - Temp. Abandoned
- TW - Test Well
- WDW - Water Disposal
- WIW - Water Injection Well
- WSW - Water Supply Well

Units

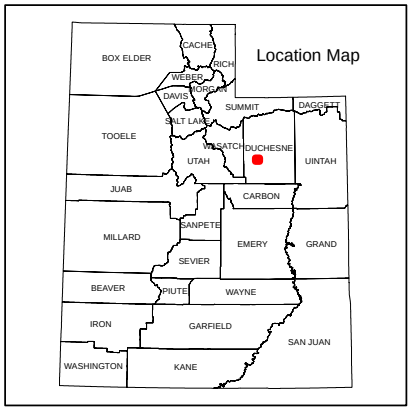
STATUS

- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields

STATUS

- Unknown
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- STORAGE
- TERMINATED



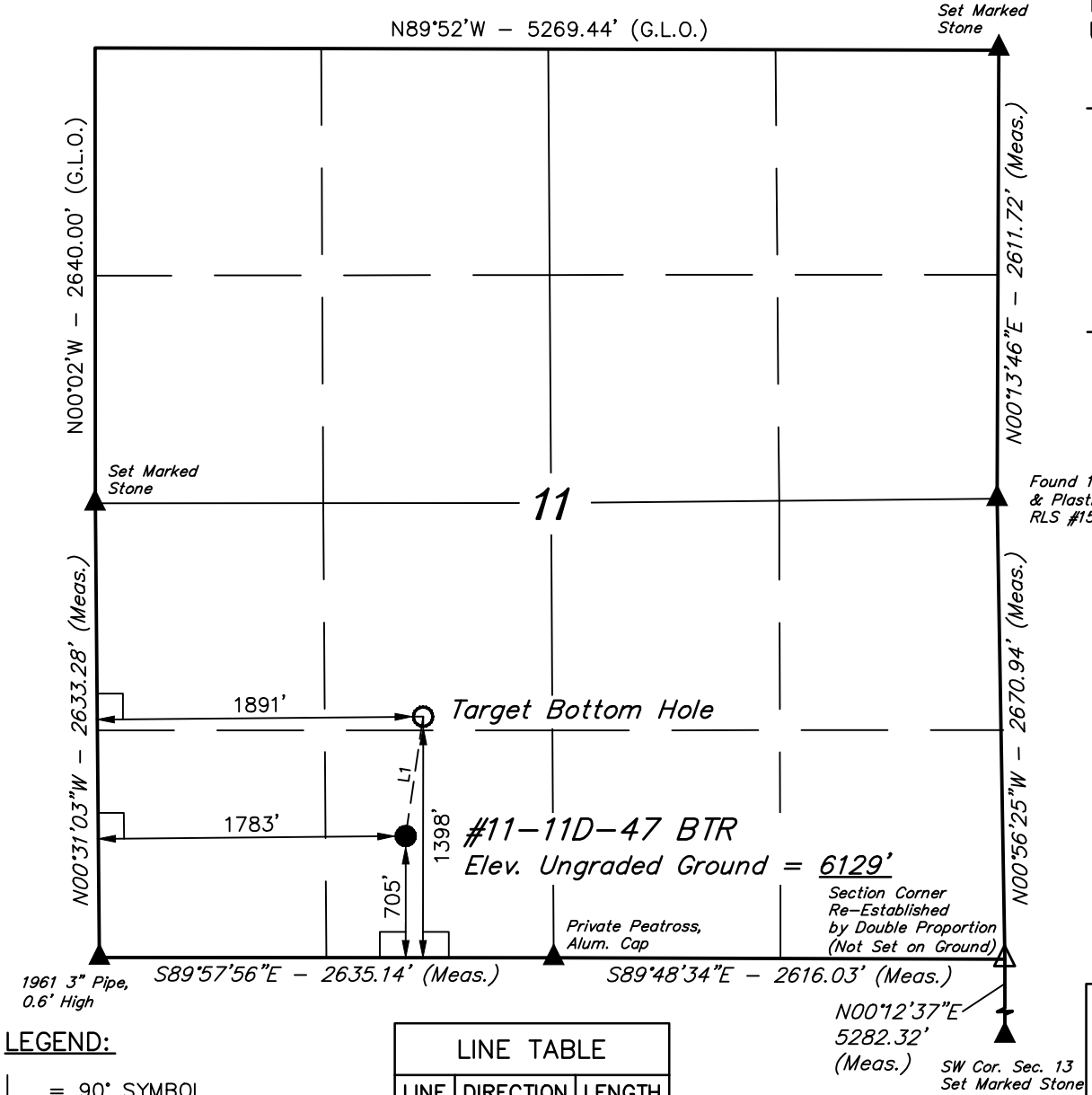
N

2,300 1,150 0 2,300 Feet

1:22,409

RECEIVED: Nov. 27, 2013

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



BILL BARRETT CORPORATION

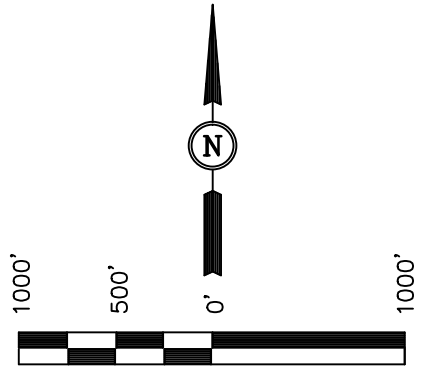
Well location, #11–11D–47 BTR, located as shown in the SE 1/4 SW 1/4 of Section 11, T4S, R7W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

FLAT TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 7, T4S, R8W, U.S.B.&M., TAKEN FROM THE FRUITLAND 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 8427 FEET.

BASIS OF BEARINGS

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



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.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

07–03–13

REV: 06–27–13 E.C.

LEGEND:

- ∟ = 90° SYMBOL
- ● = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE–ESTABLISHED. (Not Set on Ground.)

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N08°18'50"E	700.00'

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°08'37.87" (40.143853)	LATITUDE = 40°08'31.42" (40.142061)
LONGITUDE = 110°38'43.02" (110.645283)	LONGITUDE = 110°38'45.47" (110.645964)
NAD 27 (TARGET BOTTOM HOLE)	**NAD 27 (SURFACE LOCATION)**
LATITUDE = 40°08'38.02" (40.143894)	LATITUDE = 40°08'31.57" (40.142103)
LONGITUDE = 110°38'40.45" (110.644569)	LONGITUDE = 110°38'42.91" (110.645253)

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

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	06–29–11	08–11–11
PARTY: A.F. B.A. K.O.	REFERENCES: G.L.O. PLAT	
WEATHER: WARM	FILE: BILL BARRETT CORPORATION	

RECEIVED: Nov. 25, 2013

BILL BARRETT CORPORATION
DRILLING PLAN

11-11D-47 BTR

SE SW, 705' FSL and 1783' FWL, Section 11, T4S-R7W, USB&M (Surface Hole)
NE SW, 1398' FSL and 1891' FWL, Section 11, 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

Formation	Depth – MD	Depth – TVD
Green River	1,306'	1,306'
Mahogany	2,051'	2,047'
Lower Green River*	3,313'	3,266'
Douglas Creek	4,180'	4,104'
Black Shale	5,006'	4,927'
Castle Peak	5,198'	5,119'
Uteland Butte	5,515'	5,436'
Wasatch*	5,814'	5,735'
TD	7,945'	7,865'

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

3. BOP and Pressure Containment Data

Depth Intervals	BOP Equipment
0 – 1,200'	No pressure control required
1,200' – 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

Hole Size	SETTING DEPTH (FROM)	(TO)	Casing Size	Casing Weight	Casing Grade	Thread	Condition
26"	Surface	80'	16"	65#			
12 1/4"	Surface	1,200'	9 5/8"	36#	J or K 55	ST&C	New
8 ¾"	Surface	TD	5 ½"	17#	P-110	LT&C	New

RECEIVED: Nov. 25, 2013

Bill Barrett Corporation
Drilling Program
11-11D-47 BTR
Duchesne County, Utah

5. Cementing Program

16" Conductor Casing	Grout
9 5/8" Surface Casing	Lead: 140 sx Halliburton Light Premium with additives mixed at 11.0 ppg (yield = 3.16 ft^3/sx) circulated to surface with 75% excess. TOC @ Surface Tail: 210 sx Halliburton Premium Plus cement with additives mixed at 14.8 ppg (yield = 1.36 ft^3/sx), calculated hole volume with 75% excess. TOC @ 700'
5 ½" Production Casing	Lead: 630 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft^3/sx). TOC @ 700' Tail: 930 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft^3/sx). Top of cement to be determined by log and sample evaluation; estimated TOC @ 4,506'

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' – 1,200'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
1,200' – TD	8.6 – 9.6	42-52	20 cc or less	DAP Polymer Fluid System
Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.				

7. Testing, Logging and Core Programs

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

8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 3926 psi* and maximum anticipated surface pressure equals approximately 2196 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)

RECEIVED: Nov. 25, 2013

Bill Barrett Corporation
Drilling Program
11-11D-47 BTR
Duchesne County, Utah

9. Auxiliary Equipment

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

10. Location and Type of Water Supply

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

11. Drilling Schedule

Location Construction:	June 2014
Spud:	June 2014
Duration:	15 days drilling time
	6 days completion time

RECEIVED: Nov. 25, 2013

Bill Barrett Corporation

November 25, 2013

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

Re: Directional Drilling R649-3-11
Blacktail Ridge Area #11-11D-47 BTR Well
Surface: 705' FSL & 1,783' FWL, SESW, 11-T4S-R7W, USM
Bottom Hole: 1,398' FSL & 1,891' FWL, NESW, 11-T4S-R7W, USM
Duchesne County, Utah

Dear Ms. Mason,

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

- The proposed location is within our Blacktail Ridge 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,

Venessa Langmacher

Venessa Langmacher
Senior Permit Analyst

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

RECEIVED: Nov. 25, 2013

Bill Barrett Corporation

SITE DETAILS: 11-11D-47 BTR
Blacktail Ridge

Site Latitude: 40° 8' 31.571 N
Site Longitude: 110° 38' 42.911 W

Positional Uncertainity: 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

WELL DETAILS: 11-11D-47 BTR
Ground Level: 6124.0

+N/-S	+E/-W	Northing	Easting	Latittude	Longitude	Slot
0.0	0.0	659948.09	2238953.27	40° 8' 31.571 N	110° 38' 42.911 W	

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
11-11D-47 BTR BTV	4800.0	652.4	191.2	40° 8' 38.018 N	110° 38' 40.448 W	Rectangle (Sides: L200.0 W200.0)
11-11D-47 BTR PBHL	7865.0	652.4	191.2	40° 8' 38.018 N	110° 38' 40.448 W	Rectangle (Sides: L200.0 W200.0)

SECTION DETAILS

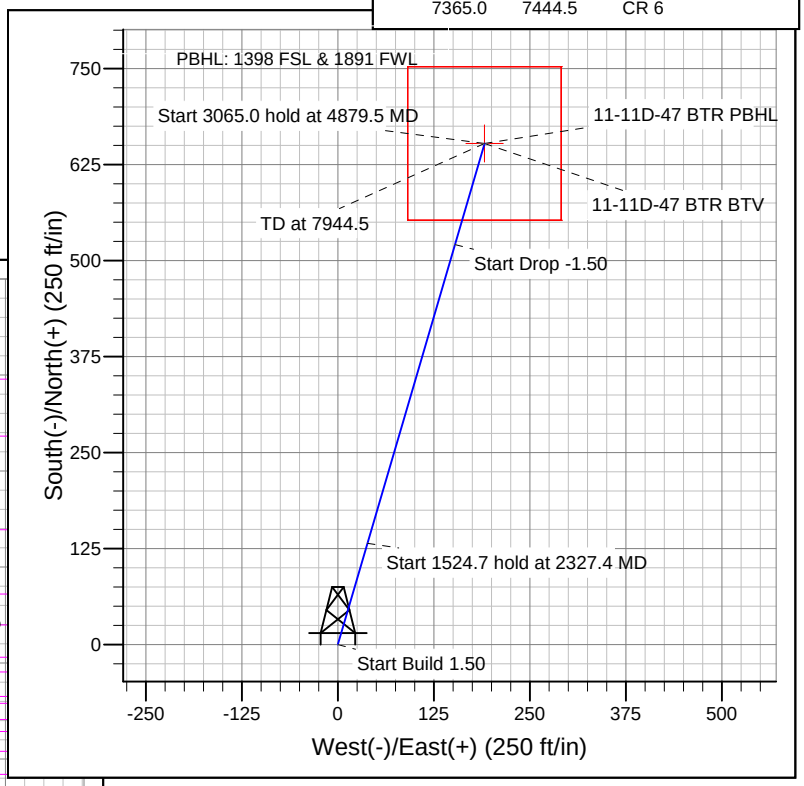
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1300.0	0.00	0.00	1300.0	0.0	0.0	0.00	0.00	0.0	
3	2327.4	15.41	16.34	2315.0	131.8	38.6	1.50	16.34	137.3	
4	3852.1	15.41	16.34	3785.0	520.6	152.6	0.00	0.00	542.5	
5	4879.5	0.00	0.00	4800.0	652.4	191.2	1.50	180.00	679.8	11-11D-47 BTR BTV
6	7944.5	0.00	0.00	7865.0	652.4	191.2	0.00	0.00	679.8	11-11D-47 BTR PBHL

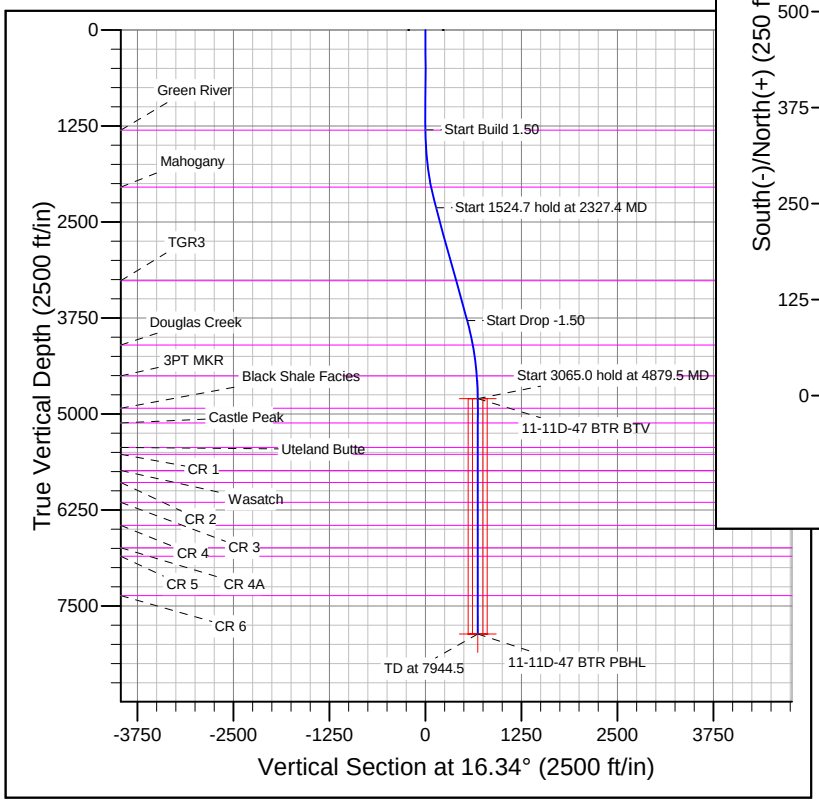
FORMATION TOP DETAILS

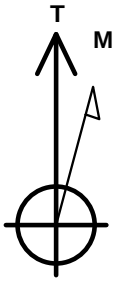
TVDPath	MDPath	Formation
1306.0	1306.0	Green River
2047.0	2051.8	Mahogany
3266.0	3313.8	TGR3
4104.0	4179.6	Douglas Creek
4506.0	4585.2	3PT MKR
4927.0	5006.5	Black Shale Facies
5119.0	5198.5	Castle Peak
5436.0	5515.5	Uteland Butte
5527.0	5606.5	CR 1
5735.0	5814.5	Wasatch
5893.0	5972.5	CR 2
6151.0	6230.5	CR 3
6450.0	6529.5	CR 4
6743.0	6822.5	CR 4A
6854.0	6933.5	CR 5
7365.0	7444.5	CR 6

CASING DETAILS

No casing data is available







Azimuths to True North
Magnetic North: 11.27°

Magnetic Field
Strength: 52008.5snT
Dip Angle: 65.70°
Date: 10/1/2013
Model: IGRF2010

RECEIVED: Nov. 25, 2013

Bill Barrett Corp

Planning Report

Database:	Compass	**Local Co-ordinate Reference:**	Well 11-11D-47 BTR
Company:	BILL BARRETT CORP	**TVD Reference:**	KB @ 6139.0ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT (NAD 27)	**MD Reference:**	KB @ 6139.0ft (Original Well Elev)
Site:	11-11D-47 BTR	**North Reference:**	True
Well:	11-11D-47 BTR	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
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 11-11D-47 BTR

Site Position:		**Northing:**	659,948.11 ft	**Latitude:**	40° 8' 31.571 N
From:	Lat/Long	**Easting:**	2,238,953.27 ft	**Longitude:**	110° 38' 42.911 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	0.55 °

Well 11-11D-47 BTR

Well Position	**+N/-S**	0.0 ft	**Northing:**	659,948.09 ft	**Latitude:**	40° 8' 31.571 N
	+E/-W	0.0 ft	**Easting:**	2,238,953.27 ft	**Longitude:**	110° 38' 42.911 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	ft	**Ground Level:**	6,124.0 ft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	10/1/2013	11.27	65.70	52,009

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	16.34

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	
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,327.4	15.41	16.34	2,315.0	131.8	38.6	1.50	1.50	0.00	16.34	
3,852.1	15.41	16.34	3,785.0	520.6	152.6	0.00	0.00	0.00	0.00	
4,879.5	0.00	0.00	4,800.0	652.4	191.2	1.50	-1.50	0.00	180.00	11-11D-47 BTR BTV
7,944.5	0.00	0.00	7,865.0	652.4	191.2	0.00	0.00	0.00	0.00	11-11D-47 BTR PBHL

RECEIVED: Nov. 25, 2013

Bill Barrett Corp

Planning Report

Database:	Compass	**Local Co-ordinate Reference:**	Well 11-11D-47 BTR
Company:	BILL BARRETT CORP	**TVD Reference:**	KB @ 6139.0ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT (NAD 27)	**MD Reference:**	KB @ 6139.0ft (Original Well Elev)
Site:	11-11D-47 BTR	**North Reference:**	True
Well:	11-11D-47 BTR	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
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	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
Start Build 1.50									
1,306.0	0.09	16.34	1,306.0	0.0	0.0	0.0	1.50	1.50	0.00
Green River									
1,400.0	1.50	16.34	1,400.0	1.3	0.4	1.3	1.50	1.50	0.00
1,500.0	3.00	16.34	1,499.9	5.0	1.5	5.2	1.50	1.50	0.00
1,600.0	4.50	16.34	1,599.7	11.3	3.3	11.8	1.50	1.50	0.00
1,700.0	6.00	16.34	1,699.3	20.1	5.9	20.9	1.50	1.50	0.00
1,800.0	7.50	16.34	1,798.6	31.4	9.2	32.7	1.50	1.50	0.00
1,900.0	9.00	16.34	1,897.5	45.1	13.2	47.0	1.50	1.50	0.00
2,000.0	10.50	16.34	1,996.1	61.4	18.0	64.0	1.50	1.50	0.00
2,051.8	11.28	16.34	2,047.0	70.8	20.7	73.8	1.50	1.50	0.00
Mahogany									
2,100.0	12.00	16.34	2,094.2	80.1	23.5	83.5	1.50	1.50	0.00
2,200.0	13.50	16.34	2,191.7	101.3	29.7	105.5	1.50	1.50	0.00
2,300.0	15.00	16.34	2,288.6	124.9	36.6	130.2	1.50	1.50	0.00
2,327.4	15.41	16.34	2,315.0	131.8	38.6	137.3	1.50	1.50	0.00
Start 1524.7 hold at 2327.4 MD									
2,400.0	15.41	16.34	2,385.0	150.3	44.1	156.6	0.00	0.00	0.00
2,500.0	15.41	16.34	2,481.5	175.8	51.5	183.2	0.00	0.00	0.00
2,600.0	15.41	16.34	2,577.9	201.3	59.0	209.8	0.00	0.00	0.00
2,700.0	15.41	16.34	2,674.3	226.8	66.5	236.4	0.00	0.00	0.00
2,800.0	15.41	16.34	2,770.7	252.3	74.0	262.9	0.00	0.00	0.00
2,900.0	15.41	16.34	2,867.1	277.8	81.4	289.5	0.00	0.00	0.00
3,000.0	15.41	16.34	2,963.5	303.3	88.9	316.1	0.00	0.00	0.00
3,100.0	15.41	16.34	3,059.9	328.8	96.4	342.6	0.00	0.00	0.00
3,200.0	15.41	16.34	3,156.3	354.3	103.8	369.2	0.00	0.00	0.00
3,300.0	15.41	16.34	3,252.7	379.8	111.3	395.8	0.00	0.00	0.00
3,313.8	15.41	16.34	3,266.0	383.3	112.4	399.5	0.00	0.00	0.00
TGR3									
3,400.0	15.41	16.34	3,349.1	405.3	118.8	422.4	0.00	0.00	0.00
3,500.0	15.41	16.34	3,445.5	430.8	126.3	448.9	0.00	0.00	0.00
3,600.0	15.41	16.34	3,541.9	456.3	133.7	475.5	0.00	0.00	0.00
3,700.0	15.41	16.34	3,638.3	481.8	141.2	502.1	0.00	0.00	0.00
3,800.0	15.41	16.34	3,734.7	507.3	148.7	528.7	0.00	0.00	0.00
3,852.1	15.41	16.34	3,785.0	520.6	152.6	542.5	0.00	0.00	0.00
Start Drop -1.50									
3,900.0	14.69	16.34	3,831.2	532.5	156.1	554.9	1.50	-1.50	0.00
4,000.0	13.19	16.34	3,928.2	555.7	162.9	579.0	1.50	-1.50	0.00
4,100.0	11.69	16.34	4,025.9	576.3	168.9	600.6	1.50	-1.50	0.00

RECEIVED: Nov. 25, 2013

Bill Barrett Corp

Planning Report

Database:	Compass	**Local Co-ordinate Reference:**	Well 11-11D-47 BTR
Company:	BILL BARRETT CORP	**TVD Reference:**	KB @ 6139.0ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT (NAD 27)	**MD Reference:**	KB @ 6139.0ft (Original Well Elev)
Site:	11-11D-47 BTR	**North Reference:**	True
Well:	11-11D-47 BTR	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
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)
4,179.6	10.50	16.34	4,104.0	591.0	173.2	615.9	1.50	-1.50	0.00
Douglas Creek									
4,200.0	10.19	16.34	4,124.1	594.6	174.3	619.6	1.50	-1.50	0.00
4,300.0	8.69	16.34	4,222.7	610.3	178.9	636.0	1.50	-1.50	0.00
4,400.0	7.19	16.34	4,321.8	623.6	182.8	649.8	1.50	-1.50	0.00
4,500.0	5.69	16.34	4,421.1	634.3	185.9	661.0	1.50	-1.50	0.00
4,585.2	4.41	16.34	4,506.0	641.5	188.0	668.5	1.50	-1.50	0.00
3PT MKR									
4,600.0	4.19	16.34	4,520.7	642.6	188.3	669.6	1.50	-1.50	0.00
4,700.0	2.69	16.34	4,620.6	648.4	190.0	675.6	1.50	-1.50	0.00
4,800.0	1.19	16.34	4,720.5	651.6	191.0	679.0	1.50	-1.50	0.00
4,879.5	0.00	0.00	4,800.0	652.4	191.2	679.8	1.50	-1.50	0.00
Start 3065.0 hold at 4879.5 MD									
4,900.0	0.00	0.00	4,820.5	652.4	191.2	679.8	0.00	0.00	0.00
5,000.0	0.00	0.00	4,920.5	652.4	191.2	679.8	0.00	0.00	0.00
5,006.5	0.00	0.00	4,927.0	652.4	191.2	679.8	0.00	0.00	0.00
Black Shale Facies									
5,100.0	0.00	0.00	5,020.5	652.4	191.2	679.8	0.00	0.00	0.00
5,198.5	0.00	0.00	5,119.0	652.4	191.2	679.8	0.00	0.00	0.00
Castle Peak									
5,200.0	0.00	0.00	5,120.5	652.4	191.2	679.8	0.00	0.00	0.00
5,300.0	0.00	0.00	5,220.5	652.4	191.2	679.8	0.00	0.00	0.00
5,400.0	0.00	0.00	5,320.5	652.4	191.2	679.8	0.00	0.00	0.00
5,500.0	0.00	0.00	5,420.5	652.4	191.2	679.8	0.00	0.00	0.00
5,515.5	0.00	0.00	5,436.0	652.4	191.2	679.8	0.00	0.00	0.00
Uteland Butte									
5,600.0	0.00	0.00	5,520.5	652.4	191.2	679.8	0.00	0.00	0.00
5,606.5	0.00	0.00	5,527.0	652.4	191.2	679.8	0.00	0.00	0.00
CR 1									
5,700.0	0.00	0.00	5,620.5	652.4	191.2	679.8	0.00	0.00	0.00
5,800.0	0.00	0.00	5,720.5	652.4	191.2	679.8	0.00	0.00	0.00
5,814.5	0.00	0.00	5,735.0	652.4	191.2	679.8	0.00	0.00	0.00
Wasatch									
5,900.0	0.00	0.00	5,820.5	652.4	191.2	679.8	0.00	0.00	0.00
5,972.5	0.00	0.00	5,893.0	652.4	191.2	679.8	0.00	0.00	0.00
CR 2									
6,000.0	0.00	0.00	5,920.5	652.4	191.2	679.8	0.00	0.00	0.00
6,100.0	0.00	0.00	6,020.5	652.4	191.2	679.8	0.00	0.00	0.00
6,200.0	0.00	0.00	6,120.5	652.4	191.2	679.8	0.00	0.00	0.00
6,230.5	0.00	0.00	6,151.0	652.4	191.2	679.8	0.00	0.00	0.00
CR 3									
6,300.0	0.00	0.00	6,220.5	652.4	191.2	679.8	0.00	0.00	0.00
6,400.0	0.00	0.00	6,320.5	652.4	191.2	679.8	0.00	0.00	0.00
6,500.0	0.00	0.00	6,420.5	652.4	191.2	679.8	0.00	0.00	0.00
6,529.5	0.00	0.00	6,450.0	652.4	191.2	679.8	0.00	0.00	0.00
CR 4									
6,600.0	0.00	0.00	6,520.5	652.4	191.2	679.8	0.00	0.00	0.00
6,700.0	0.00	0.00	6,620.5	652.4	191.2	679.8	0.00	0.00	0.00
6,800.0	0.00	0.00	6,720.5	652.4	191.2	679.8	0.00	0.00	0.00
6,822.5	0.00	0.00	6,743.0	652.4	191.2	679.8	0.00	0.00	0.00
CR 4A									
6,900.0	0.00	0.00	6,820.5	652.4	191.2	679.8	0.00	0.00	0.00
6,933.5	0.00	0.00	6,854.0	652.4	191.2	679.8	0.00	0.00	0.00

RECEIVED: Nov. 25, 2013

Bill Barrett Corp

Planning Report

Database:	Compass	**Local Co-ordinate Reference:**	Well 11-11D-47 BTR
Company:	BILL BARRETT CORP	**TVD Reference:**	KB @ 6139.0ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT (NAD 27)	**MD Reference:**	KB @ 6139.0ft (Original Well Elev)
Site:	11-11D-47 BTR	**North Reference:**	True
Well:	11-11D-47 BTR	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
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)
CR 5									
7,000.0	0.00	0.00	6,920.5	652.4	191.2	679.8	0.00	0.00	0.00
7,100.0	0.00	0.00	7,020.5	652.4	191.2	679.8	0.00	0.00	0.00
7,200.0	0.00	0.00	7,120.5	652.4	191.2	679.8	0.00	0.00	0.00
7,300.0	0.00	0.00	7,220.5	652.4	191.2	679.8	0.00	0.00	0.00
7,400.0	0.00	0.00	7,320.5	652.4	191.2	679.8	0.00	0.00	0.00
7,444.5	0.00	0.00	7,365.0	652.4	191.2	679.8	0.00	0.00	0.00
CR 6									
7,500.0	0.00	0.00	7,420.5	652.4	191.2	679.8	0.00	0.00	0.00
7,600.0	0.00	0.00	7,520.5	652.4	191.2	679.8	0.00	0.00	0.00
7,700.0	0.00	0.00	7,620.5	652.4	191.2	679.8	0.00	0.00	0.00
7,800.0	0.00	0.00	7,720.5	652.4	191.2	679.8	0.00	0.00	0.00
7,900.0	0.00	0.00	7,820.5	652.4	191.2	679.8	0.00	0.00	0.00
7,944.5	0.00	0.00	7,865.0	652.4	191.2	679.8	0.00	0.00	0.00
TD at 7944.5									

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
11-11D-47 BTR BTV - plan hits target - Rectangle (sides W200.0 H200.0 D3,065.0)	0.00	0.00	4,800.0	652.4	191.2	660,602.29	2,239,138.24	40° 8' 38.018 N	110° 38' 40.448 W
11-11D-47 BTR PBHL - plan hits target - Rectangle (sides W200.0 H200.0 D0.0)	0.00	0.00	7,865.0	652.4	191.2	660,602.29	2,239,138.24	40° 8' 38.018 N	110° 38' 40.448 W

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,306.0	1,306.0	Green River		0.00	
2,051.8	2,047.0	Mahogany		0.00	
3,313.8	3,266.0	TGR3		0.00	
4,179.6	4,104.0	Douglas Creek		0.00	
4,585.2	4,506.0	3PT MKR		0.00	
5,006.5	4,927.0	Black Shale Facies		0.00	
5,198.5	5,119.0	Castle Peak		0.00	
5,515.5	5,436.0	Uteland Butte		0.00	
5,606.5	5,527.0	CR 1		0.00	
5,814.5	5,735.0	Wasatch		0.00	
5,972.5	5,893.0	CR 2		0.00	
6,230.5	6,151.0	CR 3		0.00	
6,529.5	6,450.0	CR 4		0.00	
6,822.5	6,743.0	CR 4A		0.00	
6,933.5	6,854.0	CR 5		0.00	
7,444.5	7,365.0	CR 6		0.00	

RECEIVED: Nov. 25, 2013

Bill Barrett Corp

Planning Report

Database:	Compass	**Local Co-ordinate Reference:**	Well 11-11D-47 BTR
Company:	BILL BARRETT CORP	**TVD Reference:**	KB @ 6139.0ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT (NAD 27)	**MD Reference:**	KB @ 6139.0ft (Original Well Elev)
Site:	11-11D-47 BTR	**North Reference:**	True
Well:	11-11D-47 BTR	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
1,300.0	1,300.0	0.0	0.0	Start Build 1.50
2,327.4	2,315.0	131.8	38.6	Start 1524.7 hold at 2327.4 MD
3,852.1	3,785.0	520.6	152.6	Start Drop -1.50
4,879.5	4,800.0	652.4	191.2	Start 3065.0 hold at 4879.5 MD
7,944.5	7,865.0	652.4	191.2	TD at 7944.5

RECEIVED: Nov. 25, 2013

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: Fee

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
11-11D-47 BTR

2. NAME OF OPERATOR:
BILL BARRETT CORP

9. API NUMBER:
43013520910000

3. ADDRESS OF OPERATOR:
1099 18th Street Ste 2300 , Denver, CO, 80202

PHONE NUMBER:
303 312-8134 Ext

9. FIELD and POOL or WILDCAT:
UNDESIGNATED

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0705 FSL 1783 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SESW Section: 11 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

- ☐ NOTICE OF INTENT
  Approximate date work will start:
- ☐ SUBSEQUENT REPORT
  Date of Work Completion:
- ✓ SPUD REPORT
  Date of Spud:
  8/9/2014
- ☐ DRILLING REPORT
  Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

This well was spud on 8/9/14 at approximately 8:30 am by Triple A Drilling; Rig #TA 4037, Type Soilmec SR/30. Drilling will resume on 8/31/14.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
August 11, 2014

NAME (PLEASE PRINT)
Brady Riley

PHONE NUMBER
303 312-8115

TITLE
Permit Analyst

SIGNATURE
N/A

DATE
8/11/2014

RECEIVED: Aug. 11, 2014

Operator Bill Barrett Corp Rig Name/# CAPSTAR 328
Submitted By Jeff Johnson Phone Number 303-353-5425
Well Name/Number 11-11D-47 BTR
Qtr/Qtr SESW Section 11 Township 4S Range 7W
Lease Serial Number ~~20G0005608~~ FEE
API Number 43013520910000

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 8/23/2014 8:00 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 9 5/8" SURFACE CASING AND 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: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: 11-11D-47 BTR

2. NAME OF OPERATOR: BILL BARRETT CORP

9. API NUMBER: 43013520910000

3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202

PHONE NUMBER: 303 312-8134 Ext

9. FIELD and POOL or WILDCAT: UNDESIGNATED

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0705 FSL 1783 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 11 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		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
✓ DRILLING REPORT Report Date: 8/31/2014	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Attached is the August 2014 Drilling Activity for this well.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
September 03, 2014

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Christina Hirtler	303 312-8597	Administrative Assistant

SIGNATURE	DATE
N/A	9/3/2014

RECEIVED: Sep. 03, 2014

Bill Barrett Corporation

11-11D-47 BTR 8/22/2014 06:00 - 8/23/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-52091	Utah	Duchesne	Black Tail Ridge	COMPLETION	7,448.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	12.00	18:00	1	RIGUP & TEARDOWN	MIRU RT'S
18:00	6.00	00:00	14	NIPPLE UP B.O.P	NU bell nipple & rotating head, flow line.
00:00	2.00	02:00	20	DIRECTIONAL WORK	PU surface BHA.
02:00	4.00	06:00	2	DRILL ACTUAL	Drl f/100' t/289', no issues.

11-11D-47 BTR 8/23/2014 06:00 - 8/24/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-52091	Utah	Duchesne	Black Tail Ridge	COMPLETION	7,448.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	10.00	16:00	2	DRILL ACTUAL	Directional Drl f/289' t/1054'.
16:00	0.50	16:30	7	LUBRICATE RIG	Rig service
16:30	1.50	18:00	2	DRILL ACTUAL	Drl 12 1/4" hole t/1240'.
18:00	7.50	01:30	6	TRIPS	Circ 2 btms up w/polymer sweeps, wiper trip t/DC's, tih w/no issues, 2 btms up, send gel sweep. Toh, LD BHA.
01:30	4.50	06:00	12	RUN CASING & CEMENT	RU floor t/run casing. PU 9 5/8" FS, shoe jt, FC, rih w/30 jts 9 5/8" 36# J55 STC, land casing @ 1230' KB.

11-11D-47 BTR 8/24/2014 06:00 - 8/25/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-52091	Utah	Duchesne	Black Tail Ridge	COMPLETION	7,448.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	5	COND MUD & CIRC	C&C f/cmt job, pumped 40 bbls to gain circulation, long stroke casing to gain circulation, full returns.
08:00	0.50	08:30	12	RUN CASING & CEMENT	Held pre job safety meeting w/Halliburton. Test lines t/3500 psig, pump 20 bbls fresh water spacer, 20 bbls super flush w/no returns, shut down Halliburton & RD cmt head.
08:30	2.00	10:30	5	COND MUD & CIRC	Screwed back into surface casing, long stroke to gain circulation at 160 gpm increase circulating rate t/ 6 bpm. Build 80 bbls LCM sweep @ 30% LCM w/ 80 visc, send sweeps @ 15 bbls per sweep, full circulation w/minimal losses.
10:30	1.50	12:00	12	RUN CASING & CEMENT	RU cmt head & test lines. Pump 20 bbl FW spacer, 20 bbls Super flush, 20 bbls FW spacer. 150 sx lead cmt @ 11ppg, 84 bbls, 245 sx tail cmt @ 14.8 ppg, 60 bbls slurry. Drop plug, displace w/91.5 bbls FW, bump plug t/920 psig, 500 over differential of 420 psi, 37 bbls slurry t/surface, hole stayed full.
12:00	2.00	14:00	13	WAIT ON CEMENT	WOC, run 100' 1" in hole.
14:00	1.00	15:00	12	RUN CASING & CEMENT	Top of cmt job w/85 sx, 15 bbls slurry @ 15.8 ppg. Hole stayed full, RD Halliburton.
15:00	1.00	16:00	13	WAIT ON CEMENT	WOC total 4 hrs after bumping plug.
16:00	2.00	18:00	21	OPEN	ND bell nipple, flow line & rotating head. Cut off casing & weld on 11" 5K csg head & test t/1500 psig.
18:00	4.00	22:00	14	NIPPLE UP B.O.P	NU Bope & flow line.
22:00	4.00	02:00	15	TEST B.O.P	Held pre job safety meeting w/Quik Test. Test lower kelly valve, safety valve, inside bop, pipe rams, blind rams, HCR, kill line valve, choke line, manifold t/5000 psig f/10 minutes. Test annular t/1500 psig, test surface casing t/1500 psig t/30 minutes, test chokes t/500 psig f/10 minutes. RD tester.
02:00	1.50	03:30	20	DIRECTIONAL WORK	PU BHA & scribe tools.
03:30	2.50	06:00	6	TRIPS	Trip in hole, company hand called driller to double check installation of wear bushing, crew had neglected to install wear bushing had tripped into 384', tooh t/install wear bushing.

11-11D-47 BTR 8/25/2014 06:00 - 8/26/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-52091	Utah	Duchesne	Black Tail Ridge	COMPLETION	7,448.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	20	DIRECTIONAL WORK	Scribe tools again.
06:30	1.50	08:00	6	TRIPS	Tih t/1100'.
08:00	1.50	09:30	9	CUT OFF DRILL LINE	Cut & slip drlg line.
09:30	1.50	11:00	3	REAMING	Tag cmt @ 1183', drl shoe track & 12' new open hole. Perform EMW test of 10.5 ppg no leak off.

Bill Barrett Corporation

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
11:00	6.00	17:00	2	DRILL ACTUAL	Directional drl f/1252' t/1964', 10-15k wob, 50-62 rpm, 400-612 gpm, IROP 250 fph, ave 118 fph. No losses
17:00	0.50	17:30	7	LUBRICATE RIG	Rig service
17:30	7.50	01:00	2	DRILL ACTUAL	Directional drl drop section f/1964' t/ 2813', 10-17k wob, 60 rpm, 612 gpm, IROP 250 fph, sliding @ 40 fph, ave 130 fph, no losses, shut in mud system @ 2500'.
01:00	5.00	06:00	8	REPAIR RIG	Made connection pin hole in goose neck @ top of stand pipe, tooh t/csg shoe @ 1230', lay over mast unit, repair w/welder, pin hole required a patch after welding started, Capstar plans to replace goose neck on rig move. Raise mast, tih t/ 2700' @ 6:00 a.m.

11-11D-47 BTR 8/26/2014 06:00 - 8/27/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-52091	Utah	Duchesne	Black Tail Ridge	COMPLETION	7,448.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.50	15:30	2	DRILL ACTUAL	Drl f/2813' t/3797', no issues. Ave 103.5 fph, 10-14k wob, 50-60 rpm, 600 gpm.
15:30	0.50	16:00	7	LUBRICATE RIG	Rig service
16:00	14.00	06:00	2	DRILL ACTUAL	Drll f/3797' t/4707', 12-16k wob, 50-65 rpm, 325-600 gpm, IROP 140 fph, ave 65 fph. No losses.

11-11D-47 BTR 8/27/2014 06:00 - 8/28/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-52091	Utah	Duchesne	Black Tail Ridge	COMPLETION	7,448.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.50	15:30	2	DRILL ACTUAL	DRILL ACTUAL F/4707' - T/5550' - 843' @ 88.7'/HR. WOB=18K, RPM=55, 540GPM, 2250PSI
15:30	0.50	16:00	7	LUBRICATE RIG	RIG SERVICE
16:00	14.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL F/5550' - T/6183' - 633' @ 45.2'/HR. WOB=19K, RPM=50, 480GPM, 1890PSI

11-11D-47 BTR 8/28/2014 06:00 - 8/29/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-52091	Utah	Duchesne	Black Tail Ridge	COMPLETION	7,448.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	10.50	16:30	2	DRILL ACTUAL	DRILL ACTUAL F/6183' - T/6730' - 547' @ 52'/HR. WOB=18K, RPM=55, 515GPM, 2300PSI
16:30	0.50	17:00	7	LUBRICATE RIG	RIG SERVICE
17:00	13.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL F/6730' - T/7194' - 464' @ 35.7'/HR. WOB=18K, RPM=45, 495GPM, 2160PSI

11-11D-47 BTR 8/29/2014 06:00 - 8/30/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-52091	Utah	Duchesne	Black Tail Ridge	COMPLETION	7,448.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	8.50	14:30	2	DRILL ACTUAL	DRILL ACTUAL F/7194' - T/7448' TD - 254' @ 29.9'/HR. WOB=14K, 50RPM, 525GPM, 2460PSI
14:30	1.00	15:30	5	COND MUD & CIRC	CIRCULATE
15:30	8.00	23:30	6	TRIPS	PULL 5 JTS WET, FLOW CHECK, NO FLOW, SEND DRY JOB, TOOH FOR WIPER TRIP
23:30	1.50	01:00	20	DIRECTIONAL WORK	LAY DOWN DIR. TOOLS, BREAK BIT & MM
01:00	5.00	06:00	6	TRIPS	MAKE UP BIT, TIH

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corp Rig Name/# CAPSTAR 328
Submitted By Jody South Phone Number 303-353-5425
Well Name/Number 11-11D-47 BTR
Qtr/Qtr SESW Section 11 Township 4S Range 7W
Lease Serial Number ~~20G0005608~~ FEE
API Number 43013520910000

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 8/30/2014 11:00 AM ☐ PM ☒

BOPE

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

Date/Time _____ _____ AM ☐ PM ☐

Remarks RUN 5 1/2" PROD CASING AND CEMENT

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: Fee

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
11-11D-47 BTR

2. NAME OF OPERATOR:
BILL BARRETT CORP

9. API NUMBER:
43013520910000

3. ADDRESS OF OPERATOR:
1099 18th Street Ste 2300 , Denver, CO, 80202

PHONE NUMBER:
303 312-8134 Ext

9. FIELD and POOL or WILDCAT:
UNDESIGNATED

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0705 FSL 1783 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SESW Section: 11 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

- ☐ NOTICE OF INTENT
  Approximate date work will start:
- ✓ SUBSEQUENT REPORT
  Date of Work Completion:
  9/26/2014
- ☐ SPUD REPORT
  Date of Spud:
- ☐ DRILLING REPORT
  Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
✓ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

This well received first production on 09/26/2014 and first gas sales on 09/27/2014.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
October 01, 2014

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Venessa Langmacher	303 312-8172	Senior Permit Analyst

SIGNATURE	DATE
N/A	9/30/2014

RECEIVED: Sep. 30, 2014

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: Fee

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
11-11D-47 BTR

2. NAME OF OPERATOR:
BILL BARRETT CORP

9. API NUMBER:
43013520910000

3. ADDRESS OF OPERATOR:
1099 18th Street Ste 2300 , Denver, CO, 80202

PHONE NUMBER:
303 312-8134 Ext

9. FIELD and POOL or WILDCAT:
UNDESIGNATED

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0705 FSL 1783 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SESW Section: 11 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		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
✓ DRILLING REPORT Report Date: 9/30/2014	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Attached is the September 2014 Drilling Activity for this well.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
October 06, 2014

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Christina Hirtler	303 312-8597	Administrative Assistant

SIGNATURE	DATE
N/A	10/2/2014

RECEIVED: Oct. 02, 2014

Bill Barrett Corporation

11-11D-47 BTR 9/1/2014 06:00 - 9/2/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-52091	Utah	Duchesne	Black Tail Ridge	PRODUCING	7,448.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	12	RUN CASING & CEMENT	Pressure test lines. pump30 bls tuned spacer,21 bbl water spacer, 30 bbls super flush, 10 bbls water spacer. 430 sx lead cmt @ 11 ppg, 860 sx tail cmt @ 13.5 ppg. drop plug, displace w/169 bbls fresh water w/Claweb & biocide. Bump plug t/25000 psi, 500 over differential of 1950. Check floats, floats held, full returns during cmt job w/140 bbls cement t/surface. RD Halliburton.
08:00	5.00	13:00	14	NIPPLE UP B.O.P	SET PACKOFF, NIPPLE DOWN, CLEAN MUD TANKS, CLEAN VERTICAL CONE TANKS FOR RELEASE, RIG RELEASE @ 13:00 HRS.

11-11D-47 BTR 9/4/2014 06:00 - 9/5/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-52091	Utah	Duchesne	Black Tail Ridge	PRODUCING	7,448.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	G		HSM. CHECK PRESSURE. ND 11" NIGHT CAP. CLEAN HANGER MANDREL. NU 7" 5K TBG HEAD. PRES TEST VOID AND SEALS. GOOD. NU 7" NIGHT CAP. WELL SECURE.

11-11D-47 BTR 9/5/2014 06:00 - 9/6/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-52091	Utah	Duchesne	Black Tail Ridge	PRODUCING	7,448.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	LOGG	Logging	MIRU CUTTERS. HSM. RIH W/ GR/JB TO TAG AT 7320', DRLG SHOWS FC AT 7347' (27' FILL). RUN CBL/GR. LOG SHOWS GOOD CMT TD-1700', FAIR CMT 1700'-730', EST TOC 730'. SJ AT 3237'-3263', 4993'-5013', AND 6522'-6543'. RDMO CUTTERS. WELL SECURE. BATTERY UNDER CONSTRUCTION

11-11D-47 BTR 9/19/2014 06:00 - 9/20/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-52091	Utah	Duchesne	Black Tail Ridge	PRODUCING	7,448.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	SRIG	Rig Up/Down	SICP- 0#. MIRI Canary, Delsco, and MBT. ND 7-1/16 5M night cap. NU 7-1/16 5M x 5-1/8 10M Cameron frac mandrel. NU 5-1/8 10M x 1-13/16 10M frac tree (BTR #1) w/ goat head (G #2). Load casing, and psi test to 8500# for 30 minute. Psi fell to 8368#, and leveled out. MBT spotted open-top flowback tank. Delsco hauled in, and RU choke manifold, and choke lines. Psi test choke manifold, and choke lines to 5 minute 500# low test, and 10 minute 4500# high test. Tested down stream lines at choke manifold to 2500# for 10 minutes. Good test on all. MBT is hauling in frac fluid (2% KCL). Finishing up with production facilities.

11-11D-47 BTR 9/20/2014 06:00 - 9/21/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-52091	Utah	Duchesne	Black Tail Ridge	PRODUCING	7,448.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	MBT is filling frac tanks. MI dozer for dirt work in AM.

11-11D-47 BTR 9/21/2014 06:00 - 9/22/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-52091	Utah	Duchesne	Black Tail Ridge	PRODUCING	7,448.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	SRIG	Rig Up/Down	MBT finished filling frac tanks. Had to chain up all day, on access road. AM Dirtworks modified entrance to location, to accomadate sand trucks.

11-11D-47 BTR 9/22/2014 06:00 - 9/23/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-52091	Utah	Duchesne	Black Tail Ridge	PRODUCING	7,448.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	SRIG	Rig Up/Down	MIRU 3- D and M Oilfield frac heaters. Heat frac fluid on location. Windriver Wireless RU LEL trailer. Finishing up with production facility. Berm production equipment.

Bill Barrett Corporation

11-11D-47 BTR 9/22/2014 06:00 - 9/23/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-52091	Utah	Duchesne	Black Tail Ridge	PRODUCING	7,448.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	HEAT FRAC LINE

11-11D-47 BTR 9/23/2014 12:00 - 9/24/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-52091	Utah	Duchesne	Black Tail Ridge	PRODUCING	7,448.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
12:00	1.00	13:00	CTRL	Crew Travel	CREW TRAVEL MOVE EQUIPMENT FROM THE 5-12D-47 BTR. HSM.
13:00	1.00	14:00	SRIG	Rig Up/Down	MIRU CUTTERS WITH 5" 10K LUBE AND EQUIP.
14:00	1.00	15:00	PFRT	Perforating	PU PERF GUNS FOR STG 1. OPEN WITH 0 PSI. RIH AND CORRELATE TO SJ AT 4993'-5013' & 6522'-6543'. RUN DOWN AND PERF CR-4 AND CR-4A FORM 6820'-7198' WITH 54 HOLES IN 18' NET. POOH AND VERIFY ALL GUNS SHOT. SHUT IN AND SECURE WELL.
15:00	3.00	18:00	SRIG	Rig Up/Down	MIRU HES FRAC FLEET.
18:00	18.00	12:00	LOCL	Lock Wellhead & Secure	WELL SHUT IN AND SECURE

11-11D-47 BTR 9/24/2014 06:00 - 9/25/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-52091	Utah	Duchesne	Black Tail Ridge	PRODUCING	7,448.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	SMTG	Safety Meeting	AOL 05:00. PRIME UP CHEMS AND PUMPS. QC FLUIDS. PRESSURE TEST. HSM-SMOKING, RED ZONE, PPE, PERF GUNS, MUSTER AREA.
06:30	1.75	08:15	FRAC	Frac. Job	FRAC STG 1 PRESSURE TEST LINES TO 9500 PSI. OPEN WELL W/ 25 PSI AT 7:05 AM BREAK DOWN 2214 PSI AT 5.6 BPM. PMP 3900 GAL 15% HCL ACID W/ 96 BIO BALLS FOR DIVERSION. 10 BPM AT 1925 PSI. FLUSH W/ 6659 GAL. 31.5 BPM AT 2550 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 68.6 BPM AT 3443 PSI. ISDP 2070 . FG .73. PERFS OPEN 32/54 ISIP 2084 , FG .74, MR 70.1 BPM, AR 69.4 BPM, MP 3164 PSI, AP 2896 PSI 20/40 WHITE 150,300 lbs 2.0, 3.0, 3.5, and 4.0 ppg SLK WTR 1459 BBL, 20# HYBOR G (16) 1355 BBL, BTR 2919 BBLS. STAGE SCORE 9.5 . SHUT IN AND TURN OVER TO CUTTERS
08:15	1.00	09:15	PFRT	Perforating	PERF STG #2- PU HES 5-1/2" 10K CBP AND GUNS FOR STAGE 2 INTO LUBE AND EQUALIZE 1750 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 6522'-6543'. RUN DOWN AND SET 5-1/2" CBP AT 6804' WITH 1700 PSI. PULL UP AND PERF CR 4 FORM 6498'-6784' WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. SHUT IN WITH 1740 PSI. TURN WELL OVER TO HES.

Bill Barrett Corporation

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
09:15	2.00	11:15	FRAC	Frac. Job	FRAC STG 2 PRESSURE TEST LINES TO PSI. OPEN WELL W/ 1690 PSI AT 10:10 AM BREAK DOWN 2700 PSI AT 10.4 BPM. PMP 3400 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10 BPM AT 1880 PSI. FLUSH W/ 6345 GAL. 29.1 BPM AT 2410 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 70.8 BPM AT 3371 PSI. ISDP 2005 . FG .74. PERFS OPEN 33/45 ISIP 2110 , FG .76, MR 70.8 BPM, AR 69.6 BPM, MP 3535 PSI, AP 3198 PSI 20/40 WHITE 150,000 lbs 2.0ppa, 3.0,3.5 & 4.0PPG SLK WTR 1377 BBL, 20# HYBOR G (16) 1498 BBL, BTR 2968 BBLS. STAGE SCORE 8. "HAD TO WAIT FOR 1HR FOR HES TO FINISH UP DOING PUMP MAINTENANCE PRIOR TO START OF STG" SHUT IN AND TURN OVER TO CUTTERS.
11:15	1.09	12:20	PFRT	Perforating	PERF STG #3- PU HES 5-1/2" 10K CBP AND GUNS FOR STAGE 3 INTO LUBE AND EQUALIZE 1850 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 4993'-5013'. RUN DOWN AND SET 5-1/2" CBP AT 6470' WITH 1800 PSI. PULL UP AND PERF CR3 FORM 6146'-6458' WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. SHUT IN WITH 820 PSI. TURN WELL OVER TO HES.
12:20	1.33	13:40	FRAC	Frac. Job	FRAC STG 3 PRESSURE TEST LINES TO 9200 PSI. OPEN WELL W/ 840 PSI AT 12:35 BREAK DOWN 2157 PSI AT 2.1 BPM. PMP 3400 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 9.9 BPM AT 1765 PSI. FLUSH W/ 6001 GAL. 29.4 BPM AT 2280 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 15 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 70 BPM AT 3223 PSI. ISDP 1817 . FG .73. PERFS OPEN 31/45 ISIP 2011 , FG .76, MR 70 BPM, AR 69.7 BPM, MP 3416 PSI, AP 3109 PSI 20/40 WHITE 150,300 lbs 2.0, 3.0,3.5 & 4.0PPG SLK WTR 1446 BBL, 20# HYBOR G (16) 1234 BBL, BTR 2774 BBLS. STAGE SCORE 9. SHUT IN AND TURN OVER TO CUTTERS.
13:40	1.33	15:00	PFRT	Perforating	PERF STG #4- PU HES 5-1/2" 10K CBP AND GUNS FOR STAGE 4 INTO LUBE AND EQUALIZE 1950 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 4993'-5013'. RUN DOWN AND SET 5-1/2" CBP AT 6123' WITH PSI. PULL UP AND PERF STG 4 CR2 AND WASATCH FORM 5887'-6103' WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. SHUT IN WITH 1800 PSI. TURN WELL OVER TO HES.
15:00	15.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SHUT IN AND SECURE FOR NIGHT.

11-11D-47 BTR 9/25/2014 06:00 - 9/26/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-52091	Utah	Duchesne	Black Tail Ridge	PRODUCING	7,448.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	CTRL	Crew Travel	CREW TRAVEL. HSM HES AOL. PRIME UP CHEMS AND PUMPS. QC FLUIDS. PRESSURE TEST. HSM- SMOKING, RED ZONE, PPE, PERF GUNS, MUSTER AREA. PRESSURES RED ZONES, OVER HEAD LOADS.

Bill Barrett Corporation

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:30	1.25	07:45	FRAC	Frac. Job	FRAC STG 4 PRESSURE TEST LINES TO 9300 PSI. OPEN WELL W/ 1250 PSI AT 6:40 AM BREAK DOWN 2449 PSI AT 11.1 BPM. PMP 3400 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10 BPM AT 1740 PSI. FLUSH W/ 5748 GAL. 29.4 BPM AT 2140 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 15 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 69.9 BPM AT 3421 PSI. ISDP 1820 . FG .74. PERFS OPEN 28/45 ISIP 2210 , FG .81, MR 70.1 BPM, AR 69.7 BPM, MP 3512 PSI, AP 3233 PSI 20/40 WHITE 150,300 lbs 2.0, 3.0.3.5 - 4.0 ppg SLK WTR 1820 BBL, 20# HYBOR G (16) 836 BBL, BTR 2749 BBLS. STAGE SCORE 9. SHUT IN AND TURN OVER TO CUTTERS.
07:45	1.25	09:00	PFRT	Perforating	PERF STG #5- PU HES 5-1/2" 10K CBP AND GUNS FOR STAGE 5 INTO LUBE AND EQUALIZE 1900 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 4993'-5013'. RUN DOWN AND SET 5-1/2" CBP AT 5873' WITH 1850 PSI. PULL UP AND PERF STG 4 UTELAND BUTTE FORM 5595'-5853' WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. SHUT IN WITH 1680 PSI. TURN WELL OVER TO HES.
09:00	1.16	10:09	FRAC	Frac. Job	FRAC STG 5 PRESSURE TEST LINES TO 9300 PSI. OPEN WELL W/ 1650 PSI AT 9:00 AM BREAK DOWN 2040 PSI AT 10.8 BPM. PMP 3400 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 11.4 BPM AT 1690 PSI. FLUSH W/ 5463 GAL. 29.2 BPM AT 2190 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 70.6 BPM AT 3593 PSI. ISDP 1860 . FG .76. PERFS OPEN 27/45 ISIP 2190 , FG .82, MR 71.1 BPM, AR 70.1 BPM, MP 3983 PSI, AP 3222 PSI 20/40 WHITE 150,300 lbs 2.0, 3.0,3.5 & 4.0PPG SLK WTR 1412 BBL, 20# HYBOR G (16) 1164 BBL, BTR 2668 BBLS. STAGE SCORE 7 . "100MESH NOT DELIVERED TO LOC DECISION WAS MADE ON LOC TO COMPLETLY CANCEL 100MESH DENVER BBC ENGINEERS WAS PRESENT ON LOC WHEN DECISION WAS MADE". HES CREW ON LOC ORDERED THE SAND ON 9/24. 100MESH WAS NOT DELIVERED TO LOC DUE TO HES LOGISTICS PEOPLE IN DENVER NOT ORDERING THE TRUCKS. SHUT IN AND TURN OVER TO CUTTERS
10:09	0.85	11:00	PFRT	Perforating	PERF STG #6- PU HES 5-1/2" 10K CBP AND GUNS FOR STAGE 6 INTO LUBE AND EQUALIZE 1800 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 4993'-5013'. RUN DOWN AND SET 5-1/2" CBP AT 5575' WITH 1700 PSI. PULL UP AND PERF STG 6 CASTLE PEAK FORM 5259'-5555' WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. SHUT IN WITH 1310 PSI.
11:00	1.00	12:00	DTIM	Downtime	DOWN WAITING ON SAND FOR STG 6

Bill Barrett Corporation

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
12:00	1.25	13:15	FRAC	Frac. Job	FRAC STG 6 PRESSURE TEST LINES TO 9200 PSI. OPEN WELL W/ 1240 PSI AT 12:00 BREAK DOWN 1656 PSI AT 5 BPM. PMP 3400 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 9.8 BPM AT 1395 PSI. FLUSH W/ 5135 GAL. 31.1 BPM AT PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 10 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 69.9 BPM AT 3106 PSI. ISDP 1450 . FG .71. PERFS OPEN 34/45 ISIP 1831 , FG .78, MR 72.4 BPM, AR 72 BPM, MP 3144 PSI, AP 2785 PSI 20/40 WHITE 151,060 lbs 2.0, 3.0,3.5 & 4.0PPG SLK WTR 1296 BBL, 20# HYBOR G (16) 1531 BBL, BTR 2908 BBLS. STAGE SCORE 8. "HAD TO WAIT 1 HR FOR SAND TO BE DELIVERED TO LOC PRIOR TO STARTING STG. HES CREW ON LOC ORDERED SAND LAST NIGHT THROUGH THERE DENVER DISPATCH AND THEY NEVER ORDERED THE TRUCKS" SHUT IN AND TURN OVER TO CUTTERS
13:15	1.00	14:15	WLWK	Wireline	KILL PLUG- PU 5-1/2" HES PLUG AND SETTING TOOLS INTO LUBE. EQUALIZE PSI. RIH AND CORRELATE TO SHORT JT 4993'-5013'. SET KILL PLUG AT 5157' WITH 1450 PSI. BLEED OFF AS POOH.
14:15	2.00	16:15	SRIG	Rig Up/Down	RDMO CUTTERS & HES
16:15	13.74	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SHUT IN AND SECURE FOR NIGHT.

11-11D-47 BTR 9/26/2014 06:00 - 9/27/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-52091	Utah	Duchesne	Black Tail Ridge	PRODUCING	7,448.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HSM.
07:00	0.50	07:30	RMOV	Rig Move	ROAD RIG FROM 5-12D-47 TO LOCATION.
07:30	1.00	08:30	BOPI	Install BOP's	CHECK PRESSURE. ND FRAC VALVES. NU 7" 5K BOP AND HYDRIL.
08:30	1.00	09:30	SRIG	Rig Up/Down	RUSU. RU FLOOR.
09:30	2.00	11:30	GOP	General Operations	MOVE FB EQUIP. SPOT IN CATWALK AND PIPE RACKS. UNLOAD 236-JTS 2-7/8" L-80 TBG.
11:30	3.00	14:30	RUTB	Run Tubing	MU 4-3/4" BIT, POBS, 1-JT TBG, 2.31 XN. RIH AS MEAS AND PU TBG. RU PWR SWIVEL ABOVE KILL PLUG W/ JT #162.
14:30	0.50	15:00	PTST	Pressure Test	FILL TBG. PRES TEST LINES, BOP, AND HYDRIL TO 2250 PSI. GOOD
15:00	2.50	17:30	DOPG	Drill Out Plugs	EST CIRC. PMP 1 BPM. HOLE 600 PSI BACK ON 16/64" CBP #1 AT 5157'. 0' FILL. D/O IN 15 MIN. FCP 1000 PSI ON 16/64". (GEL NOT BROKE, PLUGGING IN CHOKES. OPEN TO GET CLEANED OUT). CBP #2 AT 5575'. 39' FILL. D/O IN 15 MIN. FCP 1050 PSI ON 18/64". RIH CBP #3 AT 5873'. 27' FILL. D/O IN 10 MIN. FCP 950 PSI ON 18/64". RIH CBP #4 AT 6123'. 25' FILL. D/O IN 10 MIN. FCP 1100 PSI ON 18/64". RUN 1-JT. 194-JTS IN, EOT AT 6162'. FLOW CLEAN. TURN OVER TO FBC AND PRODUCTION FOR NIGHT.
17:30	12.50	06:00			CREW TRAVEL. WELL FLOWING TO FBC AND PRODUCTION. 16/64" WITH 1200 PSI.

11-11D-47 BTR 9/27/2014 06:00 - 9/28/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-52091	Utah	Duchesne	Black Tail Ridge	PRODUCING	7,448.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. WELL FLOWING TO TREATER 1000 PSI ON 18/64" CHOKE. TURN BACK TO FB TANK.

Bill Barrett Corporation

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
07:00	4.00	11:00	DOPG	Drill Out Plugs	EST CIRC AND CONT D/O PLUGS. PUMP 1 BPM. RETURN 2 BPM. CBP #5 AT 6470'. 23' FILL. D/O IN 15 MIN. FCP 1000 ON 18/64". RIH. CBP #6 AT 6804'. 11' FILL. D/O IN 12 MIN. FCP 1050 ON 20/64". RIH FC AT 7348'. C/O 173' FILL. D/O FC AND 63' CMT TO PBTD AT 7411' WITH 233-JTS IN. CIRC CLEAN. RD PWR SWIVEL.
11:00	1.50	12:30	PULT	Pull Tubing	POOH AS LD 72-JTS. LUBE IN AND LAND HANGER. TBG DETAIL KB 13.00 HANGER .85 160-JTS 2-7/8" L-80 5082.24 2.31 XN NIPPLE 1.25 1-JT 2-7/8" L-80 31.80 POBS .91 EOT AT 5132.08'.
12:30	1.50	14:00	BOPR	Remove BOP's	RD FLOOR. ND BOP. NU WH. POBS AT 3400 PSI.
14:00	1.00	15:00	SRIG	Rig Up/Down	RDSU. RACK OUT EQUIP. TURN WELL OVER TO FBC AND PRODUCTION. FTP 1000#, SICP 1000". 16/64" CHOKE.
15:00	2.00	17:00	RMOV	Rig Move	ROAD RIG TO 3-26-6-19.
17:00	13.00	06:00	FBCK	Flowback Well	CREW TRAVEL. WELL FLOWING TO PRODUCTION AND FBC.

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

AMENDED REPORT ☐ (highlight changes)

FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER: 11-11D-47 BTR

9. API NUMBER: 4301352091

1a. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ DRY ☐ OTHER

b. TYPE OF WORK: NEW WELL ☑ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER

2. NAME OF OPERATOR: Bill Barrett Corporation

3. ADDRESS OF OPERATOR: 1099 18th St Ste 2300 CITY Denver STATE CO ZIP 80202

PHONE NUMBER: (303) 293-9100

10 FIELD AND POOL, OR WILDCAT: UNDESIGNATED

4. LOCATION OF WELL (FOOTAGES)

AT SURFACE: 705 FSL 1783 FWL

AT TOP PRODUCING INTERVAL REPORTED BELOW: 1375 FSL 1982 FWL

AT TOTAL DEPTH: 1333 FSL 2005 FWL

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 11 4S 7W U

12. COUNTY: DUCHESNE

13. STATE: UTAH

14. DATE SPUDDED: 8/9/2014

15. DATE T.D. REACHED: 8/29/2014

16. DATE COMPLETED: 9/26/2014 ABANDONED ☐ READY TO PRODUCE ☑

17. ELEVATIONS (DF, RKB, RT, GL): 6129 GL

18. TOTAL DEPTH: MD 7,448 TVD 7,344

19. PLUG BACK T.D.: MD 7,349 TVD 7,245

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

Gamma Ray/CBL/MUD

23.

WAS WELL CORED?	NO ☑	YES ☐	(Submit analysis)
WAS DST RUN?	NO ☑	YES ☐	(Submit report)
DIRECTIONAL SURVEY?	NO ☐	YES ☑	(Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
26	16 Cond	65#	0	80	80			0	
12 1/4	9.625 J-55	36#	0	1,240	1,230	Lead 150	84	0	
						Tail 245	60		
8 3/4	5.5 P-110	17#	0	7,448	7,438	Tuned 430	179	1288	
						ECON 860	222		

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	5,285							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Green River	5,259	5,834		
(B) Wasatch	5,852	7,198		
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)		SIZE	NO. HOLES	PERFORATION STATUS
5,259	5,834	.38	87	Open ☑ Squeezed ☐
5,852	7,198	.38	192	Open ☐ Squeezed ☐
				Open ☐ Squeezed ☐
				Open ☐ Squeezed ☐

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
5259 - 5834	Green River: See attached Stage 5-6
5852 - 7198	Wasatch: See attached Stage 1-5

29. ENCLOSED ATTACHMENTS:

☑ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☑ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER:

30. WELL STATUS: POW

(5/2000)

(CONTINUED ON BACK)

RECEIVED: Oct. 23, 2014

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
9/26/2014	10/1/2014	24		346	204	625	Flowing

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:
24/64	325	900	42.00	1	3,068		823	2,525	661	

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.

34. FORMATION (Log) MARKERS:

Name	Top (Measured Depth)
Green River	1,268
Mahogany	2,152
TGR3	3,343
Douglas Creek	4,199
Black Shale Facies	5,070
Castle Peak	5,253
Uteland Butte	5,580
Wasatch	5,856
TD	7,448

35. ADDITIONAL REMARKS (Include plugging procedure)

TOC calculated by CBL. Conductor cemented with grout. First gas sales 9/27/2014; first oil sales 10/1/2014.

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

NAME (PLEASE PRINT) Christina Hirtler TITLE Permit Analyst

SIGNATURE DATE 10/23/2014

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(5/2000)

RECEIVED: Oct. 23, 2014

11-11D-47 BTR Report Continued*

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)			
AMOUNT AND TYPE OF MATERIAL			
Stage	***bbls Slurry***	***lbs 20/40 Premium White***	***gal 15% HCI Acid***
1	2919	150300	4400
2	2968	150400	3900
3	2774	150300	3900
4	2749	150300	3900
5	2668	150300	3900
6	3028	151060	3400

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

RECEIVED: Oct. 23, 2014

Sundry Number: 57006 API Well Number: 4301352091000

Payzone Directional

End of Well Report

Company:	Bill Barrett Corporation	**Local Co-ordinate Reference:**	Well 11-11D-47 BTR
Project:	Fort Duchesne	**TVD Reference:**	11-11D-47 BTR @ 6137.0usft (CAPSTAR 328)
Site:	SECTION 11 T4S, R7W	**MD Reference:**	11-11D-47 BTR @ 6137.0usft (CAPSTAR 328)
Well:	11-11D-47 BTR	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Project Fort Duchesne

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Southern Zone		

Site SECTION 11 T4S, R7W

Site Position:		**Northing:**	11,109,489.87 usft	**Latitude:**	40° 8' 31.420 N
From:	Lat/Long	**Easting:**	1,879,378.20 usft	**Longitude:**	110° 38' 45.470 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.52 °

Well 11-11D-47 BTR, SHL: 40° 8' 31.420 -110° 38' 45.470

Well Position	**+N/-S**	0.0 usft	**Northing:**	11,109,489.86 usft	**Latitude:**	40° 8' 31.420 N
	+E/-W	0.0 usft	**Easting:**	1,879,378.20 usft	**Longitude:**	110° 38' 45.470 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**	6,137.0 usft	**Ground Level:**	6,124.0 usft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	8/21/2014	11.15	65.68	51,923

Design Actual

Audit Notes:

Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	19.51

Survey Program **Date** 9/1/2014

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
116.0	7,448.0	Survey #1 (Wellbore #1)	MWD	MWD v3:standard declination

RECEIVED: Oct. 23, 2014

Sundry Number: 57006 API Well Number: 4301352091 0000

Payzone Directional

End of Well Report

Company:	Bill Barrett Corporation	**Local Co-ordinate Reference:**	Well 11-11D-47 BTR
Project:	Fort Duchesne	**TVD Reference:**	11-11D-47 BTR @ 6137.0usft (CAPSTAR 328)
Site:	SECTION 11 T4S, R7W	**MD Reference:**	11-11D-47 BTR @ 6137.0usft (CAPSTAR 328)
Well:	11-11D-47 BTR	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
116.0	0.59	255.04	116.0	-0.3	-0.2	-0.6	0.51	0.51	0.00
207.0	0.60	322.42	207.0	-0.3	0.1	-1.3	0.73	0.01	74.04
300.0	1.93	4.95	300.0	1.4	2.0	-1.5	1.66	1.43	45.73
391.0	4.06	8.20	390.8	6.1	6.8	-0.9	2.35	2.34	3.57
482.0	5.89	22.44	481.5	13.9	14.3	1.4	2.41	2.01	15.65
574.0	7.21	19.68	572.9	24.4	24.1	5.1	1.47	1.43	-3.00
647.0	8.13	19.46	645.2	34.1	33.2	8.4	1.26	1.26	-0.30
731.0	9.27	16.99	728.3	46.8	45.3	12.3	1.43	1.36	-2.94
815.0	10.14	14.43	811.1	61.0	59.0	16.1	1.16	1.04	-3.05
899.0	10.90	16.60	893.7	76.3	73.7	20.2	1.02	0.90	2.58
984.0	12.13	14.97	976.9	93.2	90.1	24.9	1.50	1.45	-1.92
1,068.0	12.96	15.37	1,058.9	111.4	107.7	29.6	0.99	0.99	0.48
1,152.0	14.52	16.07	1,140.5	131.3	126.9	35.0	1.87	1.86	0.83
1,172.0	14.85	15.32	1,159.9	136.3	131.7	36.4	1.90	1.65	-3.75
1,229.0	15.86	14.40	1,214.8	151.4	146.3	40.3	1.82	1.77	-1.61
1,313.0	16.08	15.54	1,295.6	174.4	168.7	46.2	0.46	0.26	1.36
1,399.0	18.90	18.66	1,377.6	200.2	193.3	53.9	3.45	3.28	3.63
1,482.0	20.48	18.18	1,455.8	228.2	219.9	62.7	1.91	1.90	-0.58
1,567.0	21.40	16.25	1,535.2	258.5	248.9	71.7	1.35	1.08	-2.27
1,651.0	22.41	16.69	1,613.1	289.8	278.9	80.6	1.22	1.20	0.52
1,736.0	23.20	15.76	1,691.4	322.7	310.6	89.8	1.02	0.93	-1.09
1,820.0	23.12	16.07	1,768.7	355.7	342.3	98.9	0.17	-0.10	0.37
1,904.0	22.15	16.34	1,846.2	388.0	373.4	107.9	1.16	-1.15	0.32
1,988.0	21.75	15.63	1,924.1	419.3	403.6	116.5	0.57	-0.48	-0.85
2,073.0	20.04	14.23	2,003.5	449.5	432.9	124.3	2.10	-2.01	-1.65
2,157.0	18.76	14.75	2,082.7	477.3	459.9	131.3	1.54	-1.52	0.62

RECEIVED: Oct. 23, 2014

Payzone Directional

End of Well Report

Company:	Bill Barrett Corporation	**Local Co-ordinate Reference:**	Well 11-11D-47 BTR
Project:	Fort Duchesne	**TVD Reference:**	11-11D-47 BTR @ 6137.0usft (CAPSTAR 328)
Site:	SECTION 11 T4S, R7W	**MD Reference:**	11-11D-47 BTR @ 6137.0usft (CAPSTAR 328)
Well:	11-11D-47 BTR	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
2,241.0	19.42	17.21	2,162.1	504.7	486.3	138.9	1.24	0.79	2.93
2,326.0	18.94	17.13	2,242.4	532.6	513.0	147.1	0.57	-0.56	-0.09
2,410.0	16.76	15.36	2,322.4	558.3	537.7	154.4	2.67	-2.60	-2.11
2,494.0	15.56	14.49	2,403.0	581.6	560.2	160.4	1.46	-1.43	-1.04
2,579.0	14.15	14.84	2,485.2	603.4	581.3	165.9	1.66	-1.66	0.41
2,663.0	13.14	15.32	2,566.8	623.1	600.5	171.1	1.21	-1.20	0.57
2,747.0	11.16	14.97	2,648.9	640.7	617.5	175.7	2.36	-2.36	-0.42
2,832.0	9.27	14.62	2,732.6	655.8	632.1	179.5	2.22	-2.22	-0.41
2,916.0	8.22	14.84	2,815.6	668.5	644.5	182.8	1.25	-1.25	0.26
3,000.0	7.29	15.68	2,898.8	679.8	655.4	185.8	1.12	-1.11	1.00
3,085.0	6.46	14.58	2,983.2	689.9	665.2	188.4	0.99	-0.98	-1.29
3,169.0	5.10	13.08	3,066.8	698.4	673.4	190.5	1.63	-1.62	-1.79
3,253.0	4.04	19.57	3,150.5	705.0	679.8	192.3	1.40	-1.26	7.73
3,337.0	3.43	19.32	3,234.4	710.5	685.0	194.1	0.73	-0.73	-0.30
3,422.0	2.64	20.77	3,319.2	715.0	689.2	195.6	0.93	-0.93	1.71
3,506.0	2.11	19.50	3,403.2	718.5	692.5	196.8	0.63	-0.63	-1.51
3,590.0	1.36	14.97	3,487.1	721.0	694.9	197.6	0.91	-0.89	-5.39
3,674.0	0.66	28.29	3,571.1	722.5	696.3	198.1	0.87	-0.83	15.86
3,759.0	0.25	97.90	3,656.1	723.0	696.7	198.5	0.73	-0.48	81.89
3,843.0	0.53	154.54	3,740.1	722.8	696.3	198.9	0.53	0.33	67.43
3,927.0	0.97	168.65	3,824.1	721.9	695.3	199.2	0.56	0.52	16.80
4,011.0	1.41	173.57	3,908.1	720.3	693.6	199.4	0.54	0.52	5.86
4,095.0	1.27	174.19	3,992.1	718.6	691.6	199.6	0.17	-0.17	0.74
4,180.0	1.05	198.49	4,077.0	716.9	689.9	199.5	0.63	-0.26	28.59
4,264.0	1.19	196.29	4,161.0	715.3	688.4	199.0	0.17	0.17	-2.62
4,348.0	1.41	193.83	4,245.0	713.4	686.5	198.5	0.27	0.26	-2.93
4,432.0	0.70	189.30	4,329.0	711.9	685.0	198.2	0.85	-0.85	-5.39

RECEIVED: Oct. 23, 2014

Sundry Number: 57006 API Well Number: 4301352091 0000

Payzone Directional

End of Well Report

Company:	Bill Barrett Corporation	**Local Co-ordinate Reference:**	Well 11-11D-47 BTR
Project:	Fort Duchesne	**TVD Reference:**	11-11D-47 BTR @ 6137.0usft (CAPSTAR 328)
Site:	SECTION 11 T4S, R7W	**MD Reference:**	11-11D-47 BTR @ 6137.0usft (CAPSTAR 328)
Well:	11-11D-47 BTR	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
4,516.0	1.23	191.85	4,413.0	710.5	683.6	197.9	0.63	0.63	3.04
4,601.0	1.49	192.69	4,498.0	708.5	681.7	197.5	0.31	0.31	0.99
4,685.0	1.14	194.36	4,581.9	706.6	679.8	197.0	0.42	-0.42	1.99
4,769.0	1.76	190.18	4,665.9	704.5	677.7	196.6	0.75	0.74	-4.98
4,853.0	1.49	195.90	4,749.9	702.1	675.4	196.1	0.37	-0.32	6.81
4,938.0	0.92	213.47	4,834.9	700.3	673.8	195.4	0.79	-0.67	20.67
5,022.0	1.36	191.39	4,918.8	698.7	672.2	194.8	0.73	0.52	-26.29
5,106.0	1.01	85.51	5,002.8	698.0	671.3	195.4	2.27	-0.42	-126.05
5,190.0	1.49	115.17	5,086.8	698.2	670.9	197.1	0.94	0.57	35.31
5,275.0	0.62	123.41	5,171.8	698.0	670.2	198.5	1.04	-1.02	9.69
5,359.0	0.62	136.48	5,255.8	697.7	669.6	199.2	0.17	0.00	15.56
5,443.0	1.01	131.08	5,339.8	697.2	668.8	200.0	0.47	0.46	-6.43
5,528.0	1.14	139.03	5,424.8	696.5	667.6	201.2	0.23	0.15	9.35
5,612.0	1.49	147.64	5,508.7	695.4	666.1	202.3	0.48	0.42	10.25
5,697.0	1.19	134.94	5,593.7	694.3	664.5	203.5	0.49	-0.35	-14.94
5,781.0	1.48	138.11	5,677.7	693.4	663.1	204.9	0.36	0.35	3.77
5,865.0	1.45	174.06	5,761.7	692.0	661.2	205.7	1.08	-0.04	42.80
5,950.0	1.27	166.23	5,846.6	690.2	659.3	206.0	0.30	-0.21	-9.21
6,034.0	0.83	140.66	5,930.6	689.1	657.9	206.6	0.75	-0.52	-30.44
6,119.0	0.97	143.78	6,015.6	688.4	656.8	207.4	0.17	0.16	3.67
6,203.0	1.23	156.35	6,099.6	687.3	655.4	208.2	0.42	0.31	14.96
6,287.0	1.54	156.26	6,183.6	685.9	653.6	209.0	0.37	0.37	-0.11
6,372.0	1.58	156.74	6,268.5	684.2	651.4	210.0	0.05	0.05	0.56
6,456.0	1.93	157.27	6,352.5	682.3	649.1	211.0	0.42	0.42	0.63
6,540.0	2.20	159.60	6,436.5	680.0	646.3	212.1	0.34	0.32	2.77
6,624.0	1.41	134.77	6,520.4	678.3	644.0	213.4	1.30	-0.94	-29.56
6,708.0	0.31	104.93	6,604.4	677.9	643.2	214.3	1.37	-1.31	-35.52

RECEIVED: Oct. 23, 2014

Sundry Number: 57006 API Well Number: 4301352091 0000

Payzone Directional

End of Well Report

Company:	Bill Barrett Corporation	**Local Co-ordinate Reference:**	Well 11-11D-47 BTR
Project:	Fort Duchesne	**TVD Reference:**	11-11D-47 BTR @ 6137.0usft (CAPSTAR 328)
Site:	SECTION 11 T4S, R7W	**MD Reference:**	11-11D-47 BTR @ 6137.0usft (CAPSTAR 328)
Well:	11-11D-47 BTR	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
6,793.0	0.70	131.60	6,689.4	677.7	642.8	214.9	0.52	0.46	31.38
6,877.0	1.01	146.28	6,773.4	677.1	641.9	215.7	0.45	0.37	17.48
6,962.0	1.19	154.68	6,858.4	676.0	640.5	216.5	0.28	0.21	9.88
7,046.0	1.36	154.94	6,942.4	674.7	638.8	217.3	0.20	0.20	0.31
7,130.0	1.63	156.48	7,026.3	673.1	636.8	218.2	0.32	0.32	1.83
7,215.0	1.76	154.37	7,111.3	671.3	634.5	219.3	0.17	0.15	-2.48
7,299.0	1.80	154.32	7,195.2	669.4	632.1	220.4	0.05	0.05	-0.06
7,384.0	1.94	156.35	7,280.2	667.4	629.6	221.6	0.18	0.16	2.39
7,448.0	1.94	156.35	7,344.2	665.9	627.6	222.4	0.00	0.00	0.00

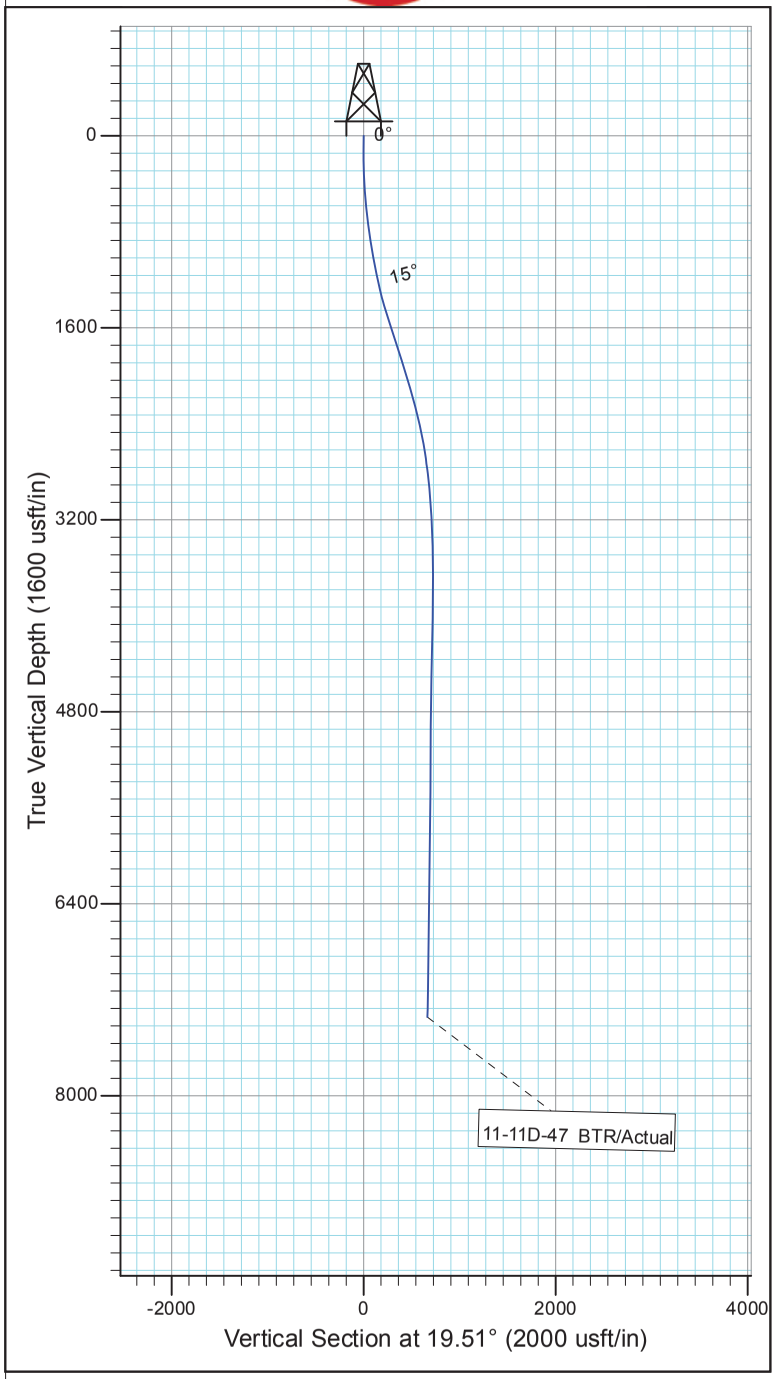
Checked By: _____ Approved By: _____ Date: _____

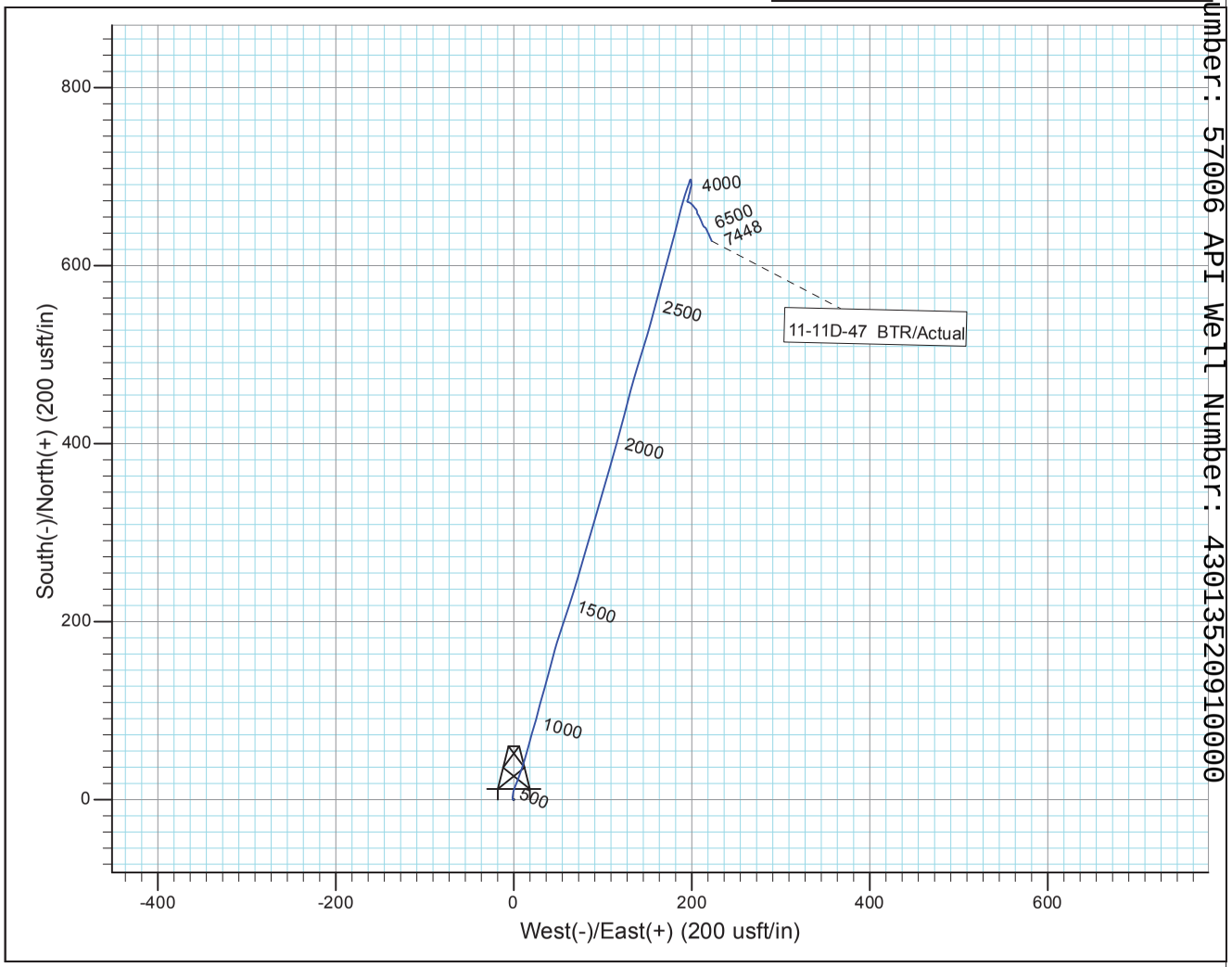
RECEIVED: Oct. 23, 2014

Project: Fort Duchesne
Site: SECTION 11 T4S, R7W
Well: 11-11D-47 BTR
Wellbore: Wellbore #1
Design: Actual

Azimuths to True North
Magnetic North: 11.15°

Magnetic Field
Strength: 51922.5snT
Dip Angle: 65.68°
Date: 8/21/2014
Model: IGRF2010





Design: Actual (11-11D-47 BTR/Wellbore #1)

Created By: Matthew Linton Date: 9:53, September 01 20

THIS SURVEY IS CORRECT TO THE BEST OF
MY KNOWLEDGE AND IS SUPPORTED
BY ACTUAL FIELD DATA

Surdry Number: 57006 API Well Number: 4301352091000

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: Fee

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER: 11-11D-47 BTR

2. NAME OF OPERATOR:
BILL BARRETT CORP

9. API NUMBER: 43013520910000

3. ADDRESS OF OPERATOR:
1099 18th Street Ste 2300 , Denver, CO, 80202

PHONE NUMBER: 303 312-8134 Ext

9. FIELD and POOL or WILDCAT: STRAWBERRY

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0705 FSL 1783 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SESW Section: 11 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

- ☐ NOTICE OF INTENT
  Approximate date work will start:
- ✓ SUBSEQUENT REPORT
  Date of Work Completion: 10/20/2015
- ☐ SPUD REPORT
  Date of Spud:
- ☐ DRILLING REPORT
  Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: SSD WITH CA #

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

ATTACHED PLEASE FIND THE UPDATED SITE SECURITY DIAGRAM WITH THE NEW CA NUMBER FOR THIS WELL (CA #UTU91208).

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
October 26, 2015

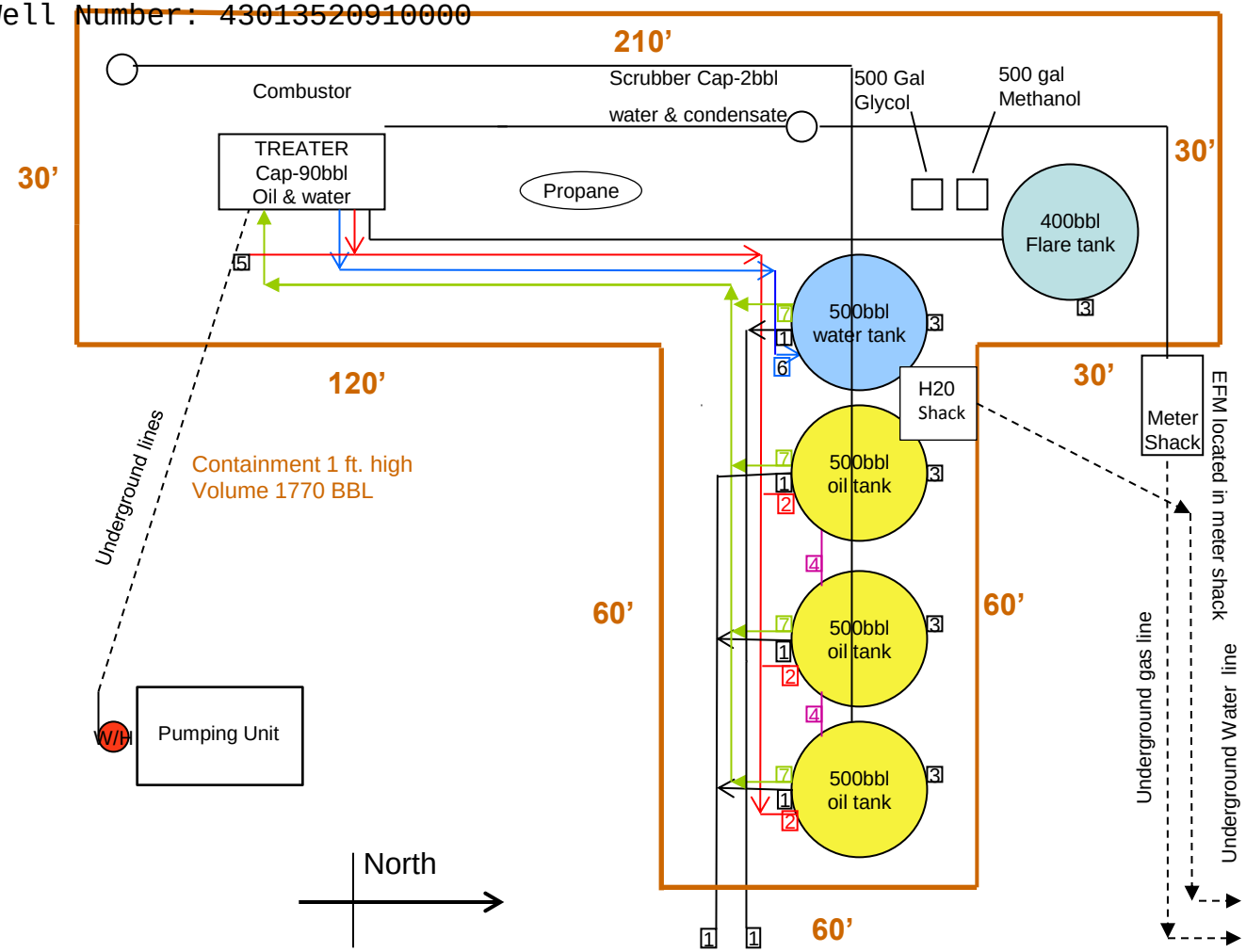
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Brady Riley	303 312-8115	Permit Analyst

SIGNATURE	DATE
N/A	10/20/2015

RECEIVED: Oct. 20, 2015

BILL BARRETT CORPORATION
FEE Surface
FEE Minerals
BTR 11-11D-47
SE¼ SW¼ SEC 11,T4S, R7W,
CA # UTU91208
API # 43-013-52091
Duchesne Co. Utah

Site Security Plan Located at
Bill Barrett Corporation
Roosevelt Office
ROUTE 3 BOX 3110
1820 W HIGHWAY 40
ROOSEVELT, UT 84066



Surface Drainage to the South from the East and West sides of location.

1 - 4" LOAD LINE
Production Phase – sealed closed
Sales Phase- open to load Production bought
2 – 3" PRODUCTION IN
Production Phase – open
Sales Phase – sealed close
3 – 4" DRAIN
Production Phase – sealed closed
Sales Phase – sealed closed
Drain water – open
4 – 4" UPPER EQUALIZER
Production Phase – open
Sales Phase – sealed close
5 – BYPASS
6 – 3" WATER LINES
Production Phase – open
No Sales Phase
7- 2" RECYCLE/SKIM
Production – open
Sales – sealed closed
- PRV, RUPTURE DISC & FLARE LINES- tie in to flare tank for emergency pressure relief of treater

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:

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

REVIEW:

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

NEW OPERATOR BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UTB000712
2. Indian well(s) covered by Bond Number: LPM 922467
3.State/fee well(s) covered by Bond Number(s): 9219529

DATA ENTRY:

1. Well(s) update in the **OGIS** on: 11/7/2016
2. Entity Number(s) updated in **OGIS** on: 11/7/2016
3. Unit(s) operator number update in **OGIS** on: N/A
4. Surface Facilities update in **OGIS** on: N/A
5. State/Fee well(s) attached to bond(s) in **RBDMS** on: 11/7/2016
6. 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

Bill Barrett Corporation

October 20, 2016

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

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 formchanging 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

Brady Riley

Brady Riley
Permit Analyst

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NUMBER: (see attached well list)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER: (see attached well list)

2. NAME OF OPERATOR: RIG II, LLC N4055

9. API NUMBER:

3. ADDRESS OF OPERATOR: 1582 West 2600 South CITY Wood Cross STATE UT ZIP 84087 PHONE NUMBER: (801) 683-4245

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE: (see attached well list)

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

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

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

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

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 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 N2165

Duane Zavadil NAME (PLEASE PRINT)

SIGNATURE

Senior Vice President - EH&S, Government and Regulatory Affairs

RIG II, LLC

Jesse McSwain NAME (PLEASE PRINT)

SIGNATURE

Manager

NAME (PLEASE PRINT) Jesse McSwain TITLE Manager

SIGNATURE DATE 10/20/16

(This space for State use only)

APPROVED

NOV 07 2016

DIV. OIL GAS & MINING

BY: Rachel Medina

(5/2000) (See Instructions on Reverse Side)

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

Request to Transfer Application or Permit to Drill

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

Well name:	(See attached 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.
✓	**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. 9219529-UDOGM / UTB000712-BLM / LPM92246/0-BIA	✓	

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 Jesse McSwain 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.

(3/2004)

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 QQ, Section, Township, Range: SENW 32 3S 6W County : DUCHENSE 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:
Title: Senior Vice President - 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 Program
Approval Date: 11/3/16

Comments:

(5/2000)

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
Address: 1099 18th Street Ste 2300
city DENVER state CO zip 80202
Phone: (303) 293-9100
Comments:

Name: Duane Zavadil
Signature: Dwn Zavadil
Title: Senior Vice President - 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: Jesse McSwain
Title: Manager
Date: 10/20/16

(This space for State use only)

Transfer approved by: Dan Jarvis
Title: UIC

Approval Date: 11/3/16

Comments:

(5/2000)

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 QQ, Section, Township, Range: SESE 9 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: [signature]
Title: Senior Vice President - 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: [signature]
Title: Manager
Date: 10/20/16

(This space for State use only)

Transfer approved by: _____ Approval Date: _____

Title: _____

Comments: This well was approved by US EPA. EPA approval will be required.

(5/2000)