

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 Aurora 2-12-7-19					
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT 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 <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>					
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Linda Hausknecht						14. SURFACE OWNER PHONE (if box 12 = 'fee') 801-296-076					
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 972 West Porter ,						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 <input checked="" type="checkbox"/> (Submit Commingling Application) NO <input type="checkbox"/>			19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>					
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN			
LOCATION AT SURFACE		700 FNL 1980 FEL		NWNE	12	7.0 S	19.0 E	S			
Top of Uppermost Producing Zone		700 FNL 1980 FEL		NWNE	12	7.0 S	19.0 E	S			
At Total Depth		700 FNL 1980 FEL		NWNE	12	7.0 S	19.0 E	S			
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 631			23. NUMBER OF ACRES IN DRILLING UNIT 40					
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 3890			26. PROPOSED DEPTH MD: 9300 TVD: 9300					
27. ELEVATION - GROUND LEVEL 4865			28. BOND NUMBER LPM4138148			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 49-2336					
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 - 1500	36.0	J-55 ST&C	8.8	Halliburton Light , Type Unknown		190	3.16	11.0
							Halliburton Premium , Type Unknown		210	1.36	14.8
PROD	8.75	5.5	0 - 9300	17.0	P-110 LT&C	9.6	Unknown		980	2.31	11.0
							Unknown		630	1.42	13.5
ATTACHMENTS											
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES											
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN						
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER						
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP						
NAME Brady Riley			TITLE Permit Analyst			PHONE 303 312-8115					
SIGNATURE			DATE 11/01/2012			EMAIL briley@billbarrettcorp.com					
API NUMBER ASSIGNED 43047532960000			APPROVAL			 Permit Manager					

BILL BARRETT CORPORATION
DRILLING PLAN

Aurora 2-12-7-19

NWNE, 700' FNL and 1980' FEL, Section 12, T7S-R19E, SLB&M (surface hole)

NWNE, 700' FNL and 1980' FEL, Section 12, T7S-R19E, SLB&M (bottom hole)

Uintah County, Utah

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

<u>Formation</u>	<u>Depth – MD/TVD</u>
Green River	4185'
Mahogany	5570'
Lower Green River*	6655'
Black Shale	7470'
Castle Peak	7710'
Wasatch*	8400'
TD	9300'

*PROSPECTIVE PAY

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

Base of Useable Water = 480'

3. BOP and Pressure Containment Data

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 1500'	No pressure control required
1500' – TD	11" 5000# Ram Type BOP 11" 5000# Annular BOP
- Drilling spool to accommodate choke and kill lines;	
- Ancillary equipment and choke manifold rated at 5,000 psi. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2;	
- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests.	
- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up To operate most efficiently in this manner.	

4. Casing Program

<u>Hole Size</u>	<u>SETTING DEPTH</u>		<u>Casing Size</u>	<u>Casing Weight</u>	<u>Casing Grade</u>	<u>Thread</u>	<u>Condition</u>
	<u>(FROM)</u>	<u>(TO)</u>					
26"	Surface	80'	16"	65#			
12 1/4"	Surface	1500'	9 5/8"	36#	J or K 55	ST&C	New
8 3/4"	Surface	TD	5 1/2"	17#	P-110	LT&C	New

*The casing program is based on recent wells drilled by Axia in the immediate area.

9-5/8" casing may be preset with a spudder rig. If this occurs, the following equipment shall be in place and operational during air/gas drilling:

Bill Barrett Corporation
 Drilling Program
 Aurora #2-12-7-19
 Uintah County, Utah

- Properly lubricated and maintained rotating head
- Spark arresters on engines or water cooled exhaust
- Blooie line discharge 100 feet from well bore and securely anchored
- Straight run on blooie line unless otherwise approved
- Deduster equipment
- All cuttings and circulating medium shall be directed into a reserve or blooie pit
- Float valve above bit
- Automatic igniter or continuous pilot light on the blooie line
- Compressors located in the opposite direction from the blooie line a minimum of 100 feet from the well bore
- Mud circulating equipment, water, and mud materials (does not have to be premixed) sufficient to maintain the capacity of the hole and circulating tanks or pits

5. Cementing Program

16" Conductor Casing	Grout
9 5/8" Surface Casing	Lead: 190 sx Halliburton Light Premium with additives mixed at 11.0 ppg (yield = 3.16 ft ³ /sx) circulated to surface with 75% excess. TOC @ Surface Tail: 210 sx Halliburton Premium Plus cement with additives mixed at 14.8 ppg (yield = 1.36 ft ³ /sx), calculated hole volume with 75% excess. TOC @ 1,000'
5 1/2" Production Casing	Lead: 980 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft ³ /sx). TOC @ 1,000' Tail: 630 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 @ 6970'

6. Mud Program

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss (API filtrate)</u>	<u>Remarks</u>
0' – 80'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
80' – 1500'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
1500' – 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.

Bill Barrett Corporation
Drilling Program
Aurora #2-12-7-19
Uintah County, Utah

8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 4643 psi* and maximum anticipated surface pressure equals approximately 2597 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

**Maximum surface pressure = A - (0.22 x TD)

9. Auxiliary Equipment

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

10. Location and Type of Water Supply

Water for the drilling and completion will be trucked from the Green River located in Sec. 33, T8S-R20E.

11. Drilling Schedule

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



Bill Barrett Corporation

AURORA CEMENT VOLUMES

Well Name: Aurora 2-12-7-19

Surface Hole Data:

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

Calculated Data:

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

Cement Data:

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

Calculated # of Sacks:

SK's Lead: **190**

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

SK's Tail: **210**

Production Hole Data:

Total Depth:	9,300'
Top of Cement:	1,000'
Top of Tail:	6,970'
OD of Hole:	8.750"
OD of Casing:	5.500"

Calculated Data:

Lead Volume:	2262.0	ft ³
Lead Fill:	5,970'	
Tail Volume:	882.9	ft ³
Tail Fill:	2,330'	

Cement Data:

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

Calculated # of Sacks:

SK's Lead: **980**

SK's Tail: **630**

Aurora 2-12-7-19 Proposed Cementing Program
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<u>Job Recommendation</u>	<u>Surface Casing</u>
Lead Cement - (1000' - 0')	
Halliburton Light Premium	Fluid Weight: 11.0 lbm/gal
5.0 lbm/sk Silicalite Compacted	Slurry Yield: 3.16 ft ³ /sk
0.25 lbm/sk Kwik Seal	Total Mixing Fluid: 19.48 Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid: 0'
2.0% Bentonite	Calculated Fill: 1,000'
	Volume: 97.61 bbl
	Proposed Sacks: 190 sks
Tail Cement - (TD - 1000')	
Premium Cement	Fluid Weight: 14.8 lbm/gal
2.0% Calcium Chloride	Slurry Yield: 1.36 ft ³ /sk
	Total Mixing Fluid: 6.37 Gal/sk
	Top of Fluid: 1,000'
	Calculated Fill: 500'
	Volume: 48.80 bbl
	Proposed Sacks: 210 sks

<u>Job Recommendation</u>	<u>Production Casing</u>
Lead Cement - (6970' - 1000')	
Tuned Light™ System	Fluid Weight: 11.0 lbm/gal
	Slurry Yield: 2.31 ft ³ /sk
	Total Mixing Fluid: 10.65 Gal/sk
	Top of Fluid: 1,000'
	Calculated Fill: 5,970'
	Volume: 402.84 bbl
	Proposed Sacks: 980 sks
Tail Cement - (9300' - 6970')	
Econocem™ System	Fluid Weight: 13.5 lbm/gal
0.125 lbm/sk Poly-E-Flake	Slurry Yield: 1.42 ft ³ /sk
1.0 lbm/sk Granulite TR 1/4	Total Mixing Fluid: 6.61 Gal/sk
	Top of Fluid: 6,970'
	Calculated Fill: 2,330'
	Volume: 157.24 bbl
	Proposed Sacks: 630 sks

PRESSURE CONTROL EQUIPMENT – Schematic Attached

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

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

B. Pressure Rating: 5,000 psi

C. Testing Procedure:

Annular Preventer

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

At a minimum the above pressure test will be performed:

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

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

Blow-Out Preventer

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

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

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

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

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

D. Choke Manifold Equipment:

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

E. Accumulator:

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

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

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

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

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

F. Miscellaneous Information:

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

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

T7S, R19E, S.L.B.&M.

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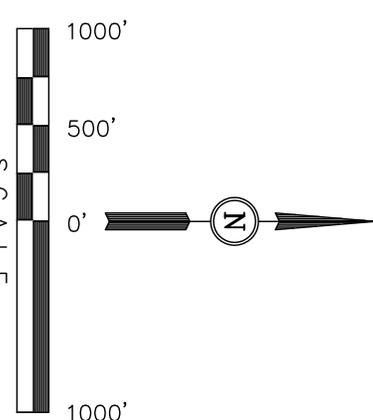
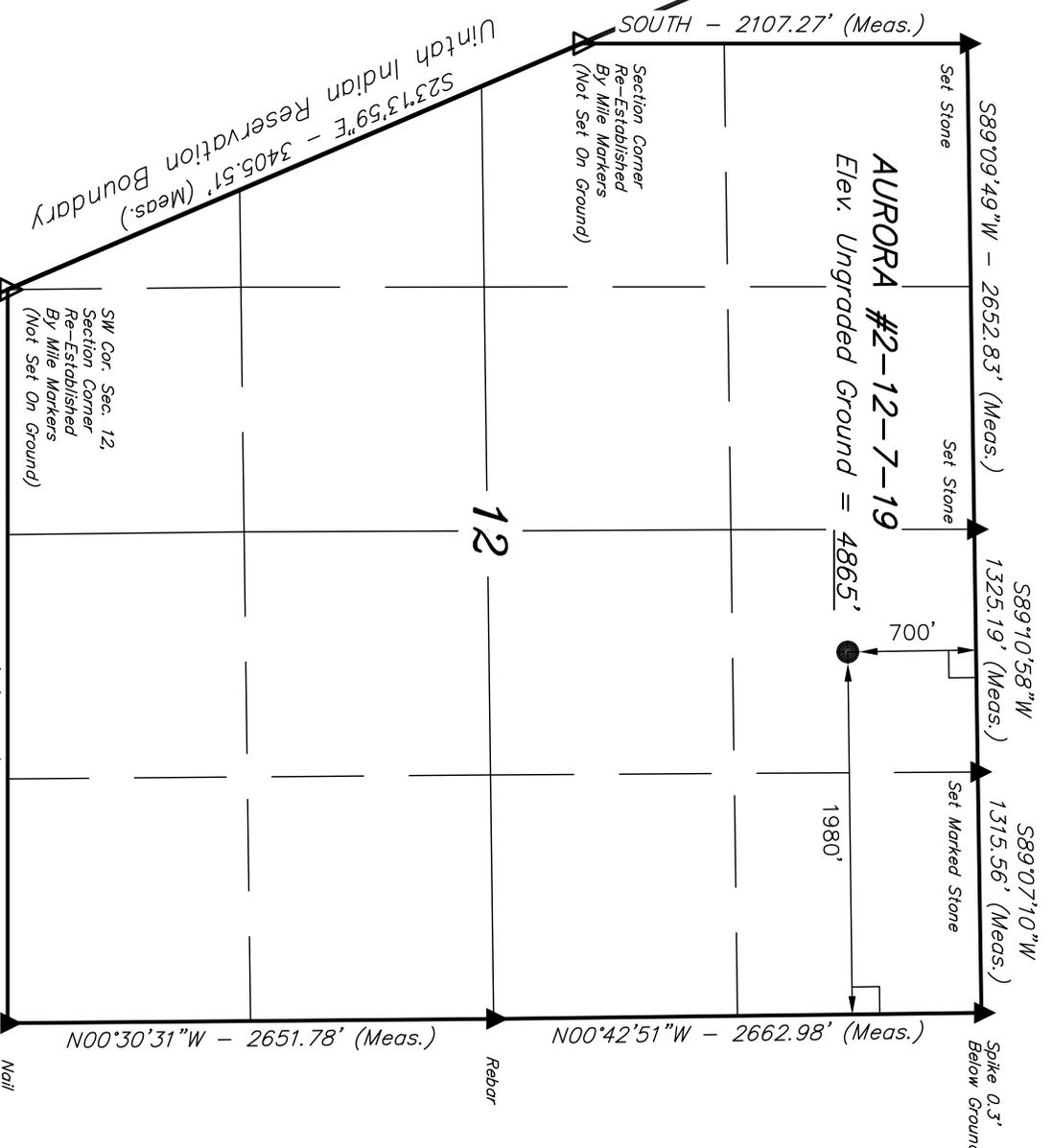
Well location, AURORA #2-12-7-19, located as shown in the NW 1/4 NE 1/4 of Section 12, T7S, R19E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK (38EAM) LOCATED IN THE SW 1/4 OF SECTION 9, T7S, R20E, S.L.B.&M. TAKEN FROM THE PELICAN LAKE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4942 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.

KAX BARRETT
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH
 04-18-12

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

SCALE	1" = 1000'	DATE SURVEYED:	03-19-12	DATE DRAWN:	03-22-12
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PARTY	C.R. S.R. R.L.L.	REFERENCES	G.I.O. PLAT
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WEATHER	COOL	FILE	BILL BARRETT CORPORATION
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LEGEND:

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

NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°13'49.41" (40.230392)	
LONGITUDE = 109°43'43.67" (109.728797)	
NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°13'49.55" (40.230431)	
LONGITUDE = 109°43'41.16" (109.728100)	

BILL BARRETT CORPORATION

AURORA #2-12-7-19

LOCATED IN UINTAH COUNTY, UTAH

SECTION 12, T7S, R19E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHEASTERLY



- Since 1964 -

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

LOCATION PHOTOS

03 27 12
MONTH DAY YEAR

PHOTO

TAKEN BY: C.R.

DRAWN BY: C.I.

REVISED: 00-00-00

BILL BARRETT CORPORATION

LOCATION LAYOUT FOR

AURORA #2-12-7-19

SECTION 12, T7S, R19E, U.S.B.&M.

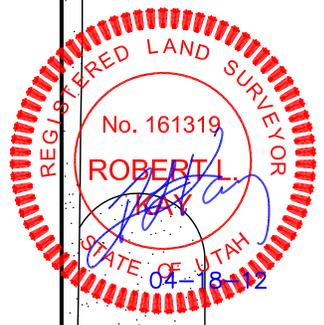
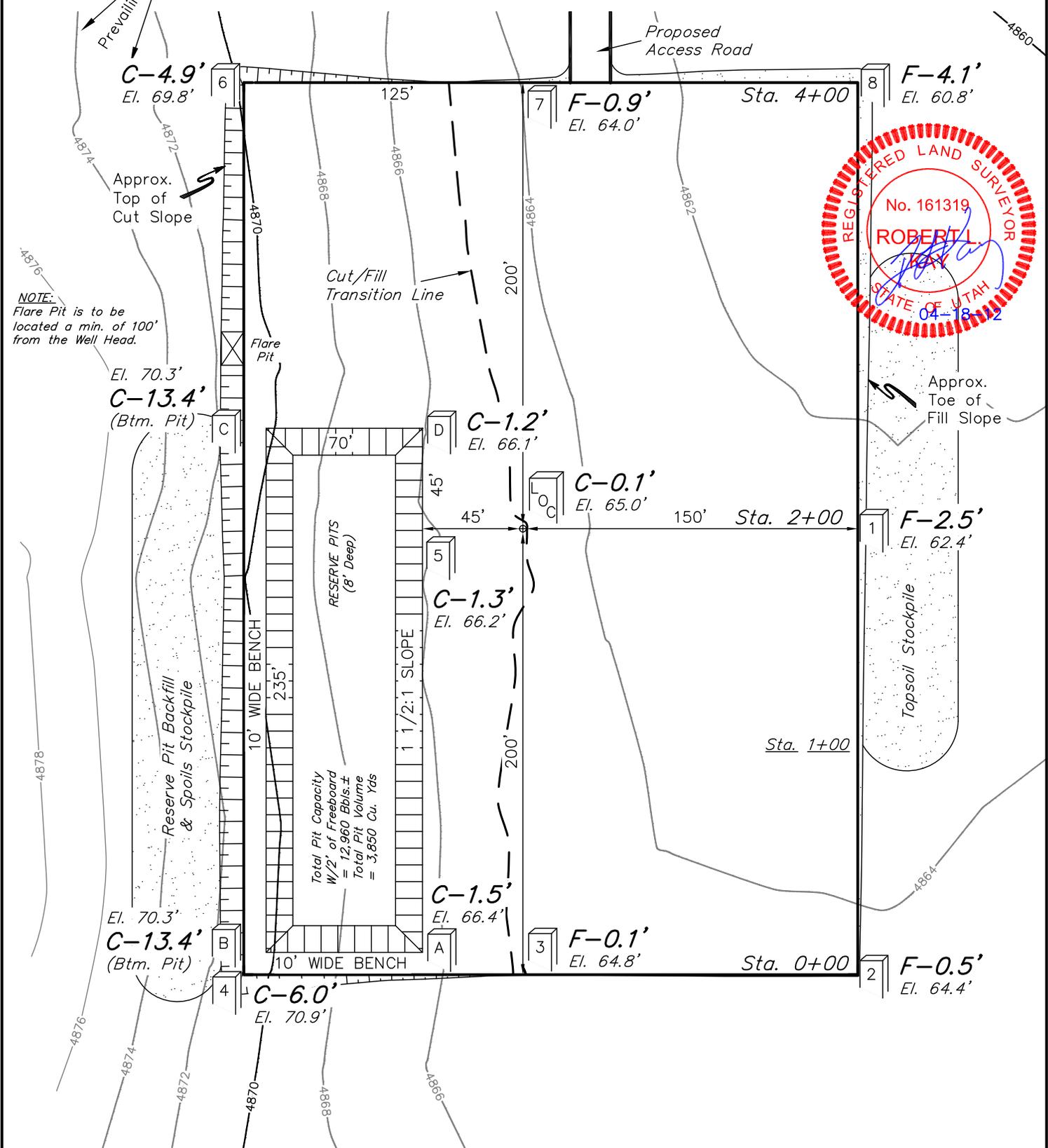
700' FNL 1980' FEL

FIGURE #1

SCALE: 1" = 60'

DATE: 03-22-12

DRAWN BY: R.L.L.



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

El. 70.3'
C-13.4'
(Btm. Pit)

El. 70.3'
C-13.4'
(Btm. Pit)

RESERVE PIT
(8' Deep)

10' WIDE BENCH
235'

1 1/2:1 SLOPE

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

Elev. Ungraded Ground At Loc. Stake = **4865.0'**
FINISHED GRADE ELEV. AT LOC. STAKE = **4864.9'**

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

RECEIVED: November 01, 2012

BILL BARRETT CORPORATION

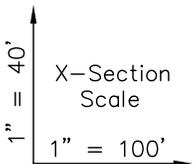
TYPICAL CROSS SECTIONS FOR

AURORA #2-12-7-19

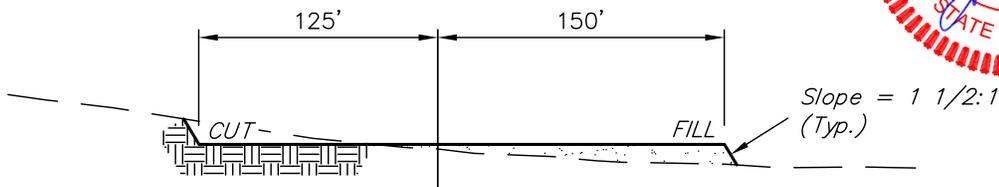
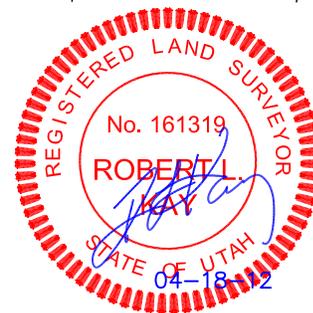
SECTION 12, T7S, R19E, U.S.B.&M.

700' FNL 1980' FEL

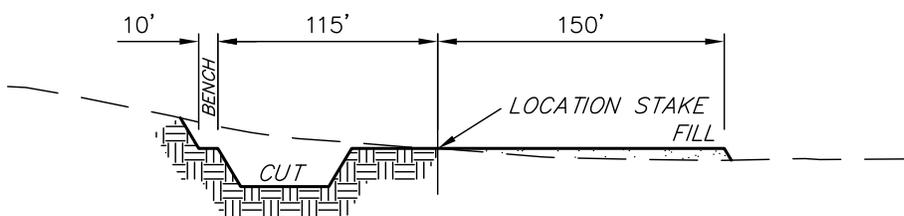
FIGURE #2



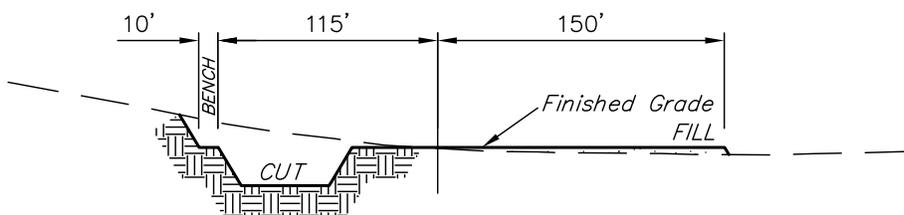
DATE: 03-22-12
DRAWN BY: R.L.L.



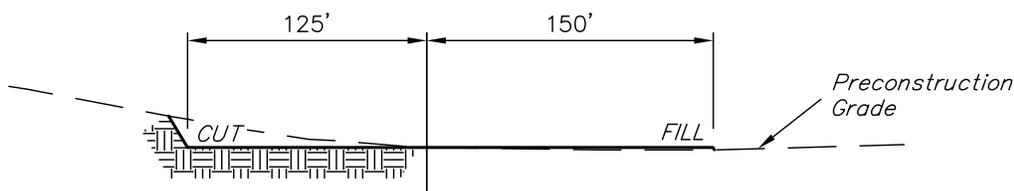
STA. 4+00



STA. 2+00



STA. 1+00



STA. 0+00

NOTE:

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

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE	= ± 3.357 ACRES
ACCESS ROAD DISTURBANCE	= ± 3.257 ACRES
PIPELINE DISTURBANCE	= ± 0.337 ACRES
TOTAL	= ± 6.951 ACRES

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping	= 2,170 Cu. Yds.
Remaining Location	= 7,460 Cu. Yds.
TOTAL CUT	= 9,630 CU. YDS.
FILL	= 5,540 CU. YDS.

EXCESS MATERIAL	= 4,090 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 4,090 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 0 Cu. Yds.

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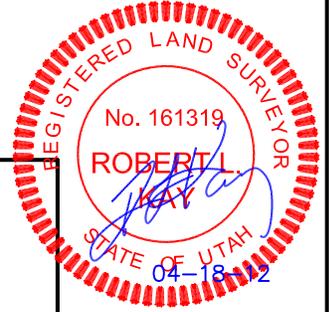
BILL BARRETT CORPORATION

TYPICAL RIG LAYOUT FOR

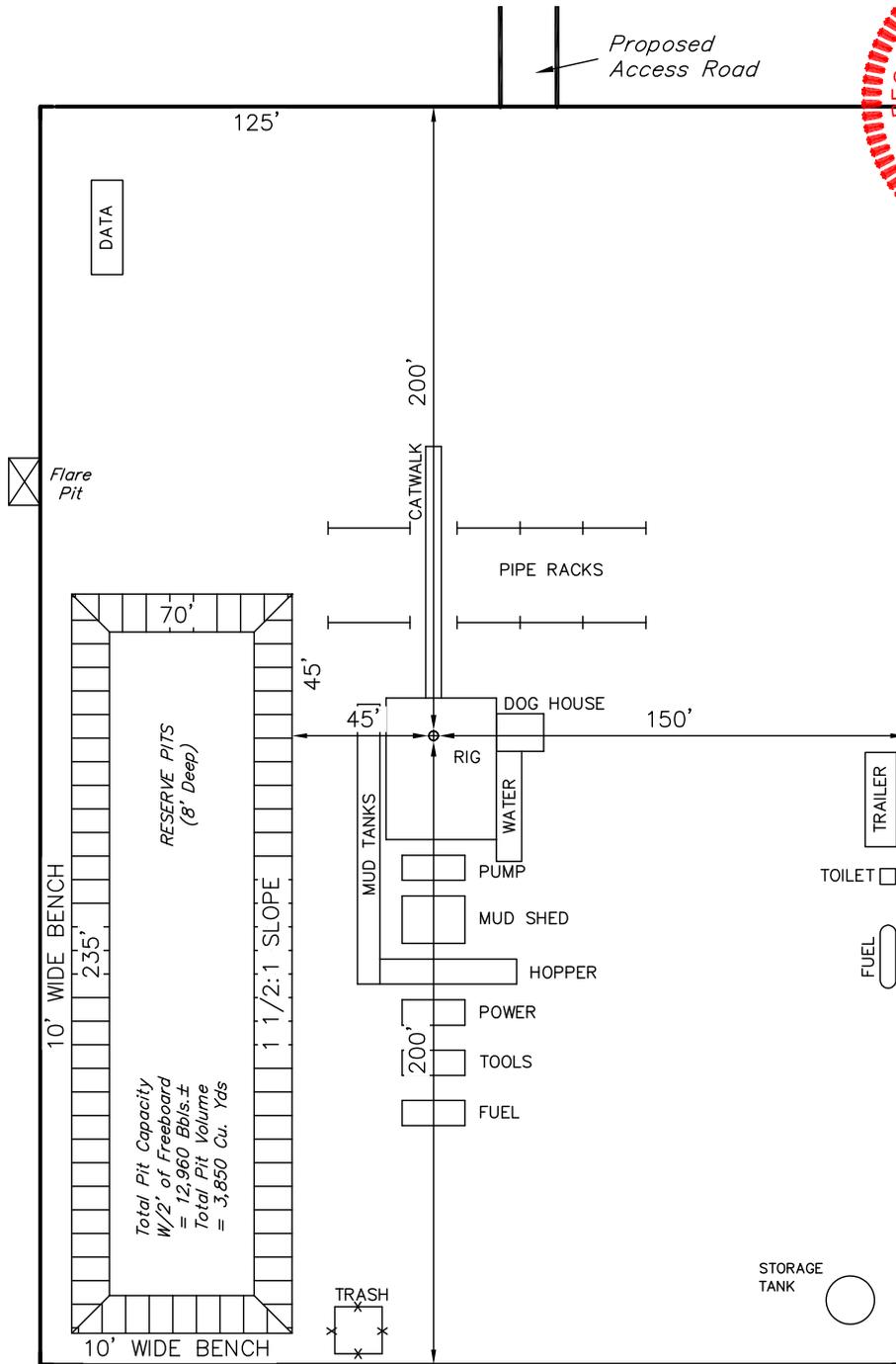
AURORA #2-12-7-19
SECTION 12, T7S, R19E, U.S.B.&M.
700' FNL 1980' FEL

FIGURE #3

SCALE: 1" = 60'
DATE: 03-22-12
DRAWN BY: R.L.L.



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



Sec. 2

PIPELINE RIGHT-OF-WAY DESCRIPTION ON LINDA L. E. HAUSKNECHT LANDS

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

BEGINNING AT A POINT IN THE NW 1/4 NE 1/4 OF SECTION 12, T7S, R19E, S.L.B.&M. WHICH BEARS S35°25'25"W 754.79' FROM THE NORTHEAST CORNER OF THE NW 1/4 NE 1/4 OF SAID SECTION 12, THENCE N89°09'46"E 124.45'; THENCE N89°11'10"E 176.12'; THENCE N89°11'59"E 160.23' TO A POINT ON THE EAST LINE OF THE NW 1/4 NE 1/4 OF SAID SECTION 12 WHICH BEARS S00°12'01"E 592.88' FROM THE NORTHEAST CORNER OF THE NW 1/4 NE 1/4 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 0.317 ACRES MORE OR LESS.

PIPELINE RIGHT-OF-WAY DESCRIPTION ON ROBERT W. CONRAD LANDS

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

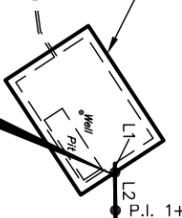
BEGINNING AT A POINT ON THE WEST LINE OF THE NE 1/4 NE 1/4 OF SECTION 12, T7S, R19E, S.L.B.&M. WHICH BEARS S00°12'01"E 592.88' FROM THE NORTHWEST CORNER OF THE NE 1/4 NE 1/4 OF SAID SECTION 12, THENCE N89°11'59"E 28.96' TO A POINT IN THE NE 1/4 NE 1/4 OF SAID SECTION 12 WHICH BEARS S02°59'52"E 593.28' FROM THE NORTHWEST CORNER OF THE NE 1/4 NE 1/4 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 0.020 ACRES MORE OR LESS.

Sec. 1

NE 1/4

Linda L. E. Hausknecht

Robert W. Conrad



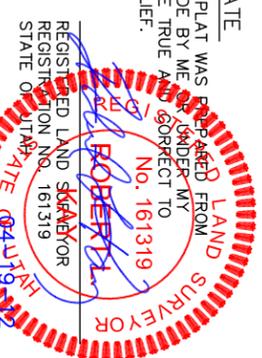
NW 1/4
SURFACE USE AREA AURORA #2-12-7-19
BEGINNING OF PROPOSED PIPELINE RIGHT-OF-WAY STA. 0+00.00
(At Edge of Surface Use Area)

NE 1/4
END OF PROPOSED PIPELINE RIGHT-OF-WAY STA. 4+89.77
(At Proposed Gathering Line)

LINE	DIRECTION	LENGTH
L1	N89°09'46"E	29.54'
L2	N89°09'46"E	124.45'
L3	N89°11'10"E	176.12'
L4	N89°11'59"E	160.23'
L5	N89°11'59"E	28.96'

Sec. 12

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

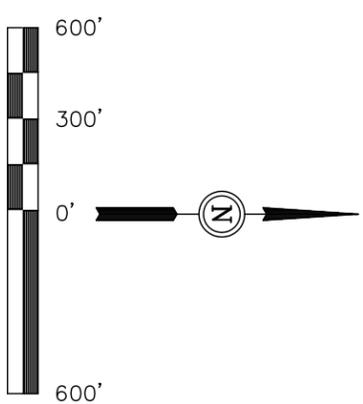


THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

PROPERTY OWNER	FEET	ACRES	RODS
LINDA L.E. HAUSKNECHT	460.81	0.317	27.93
ROBERT W. CONRAD	28.96	0.020	1.76

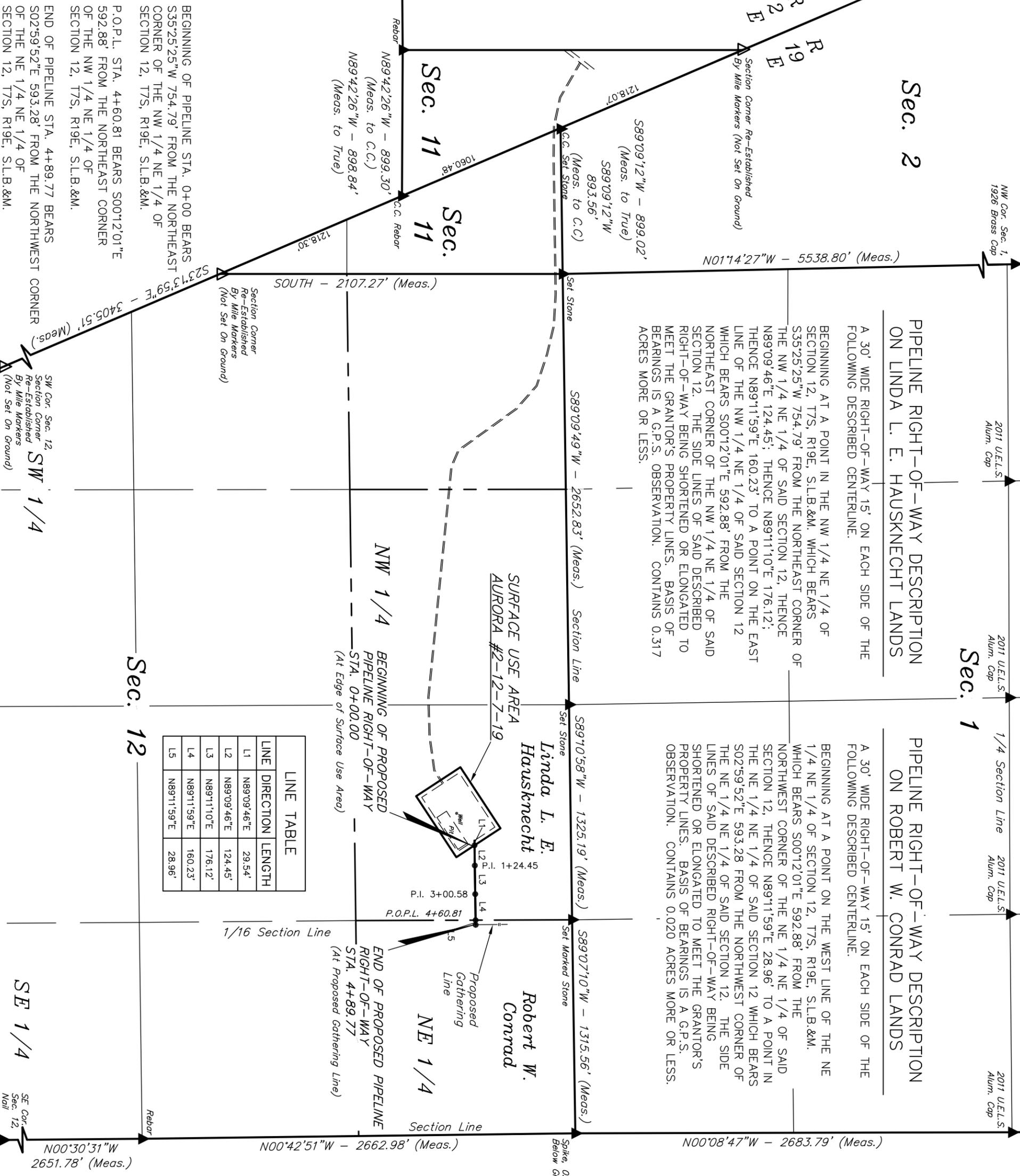
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

BASIS OF BEARINGS



PIPELINE RIGHT-OF-WAY ON FEE LANDS
LOCATED IN SECTION 12, T7S, R19E, S.L.B.&M. UTAH COUNTY, UTAH
(For AURORA #2-12-7-19)

BILL BARRETT CORPORATION

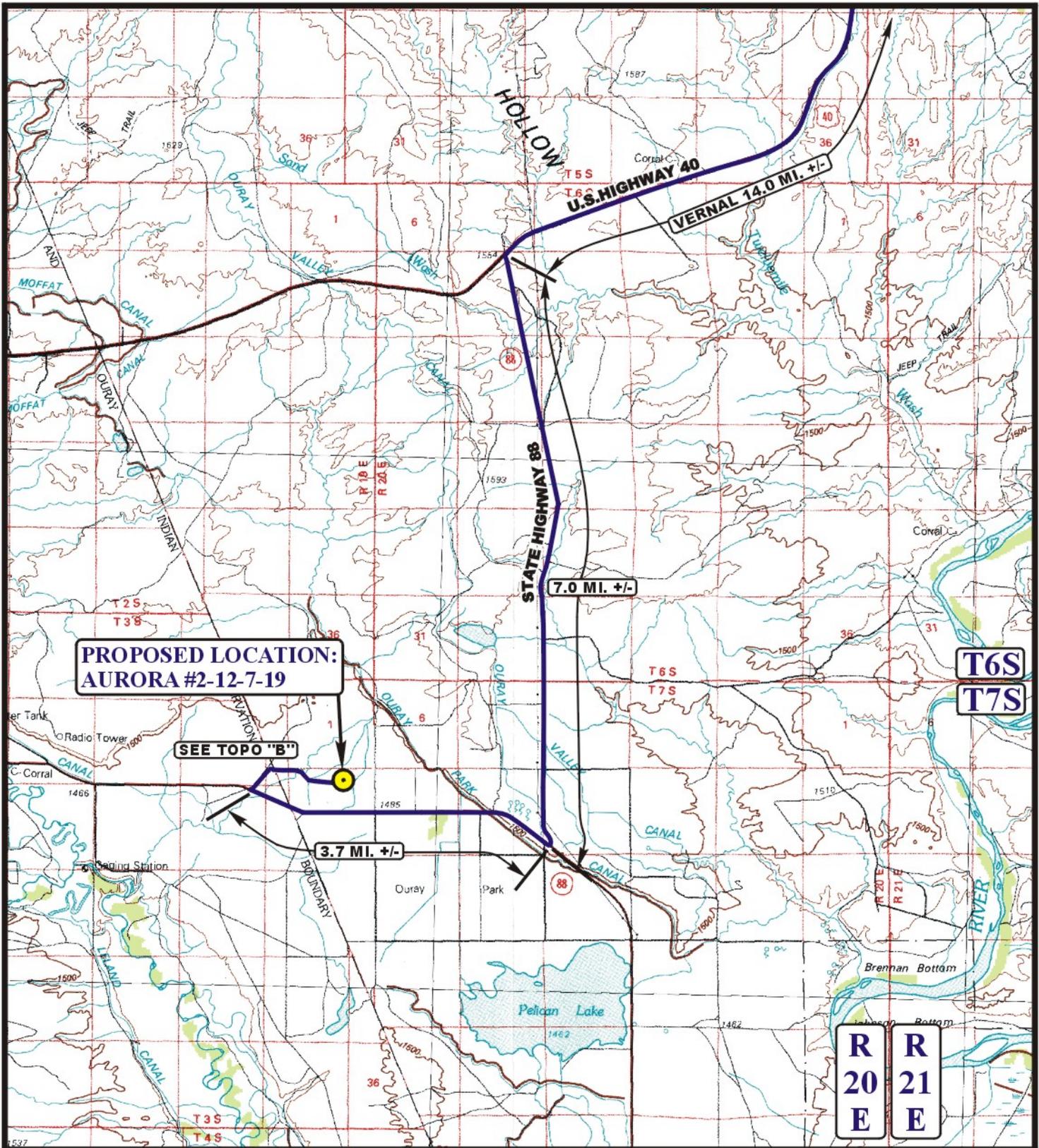


SCALE	1" = 600'	DATE	03-19-12
PARTY	C.R. S.R. S.F.	REFERENCES	G.L.O. PLAT
WEATHER	COOL	FILE	5 1 9 0 7

BILL BARRETT CORPORATION
AURORA #2-12-7-19
SECTION 12, T7S, R19E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 7.0 MILES TO JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY, THEN WESTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 3.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN AN SOUTHEASTERLY, THEN EASTERLY, THEN SOUTHEASTERLY, THEN EASTERLY DIRECTION APPROXIMATELY 4,754' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 26.0 MILES.



LEGEND:

 PROPOSED LOCATION



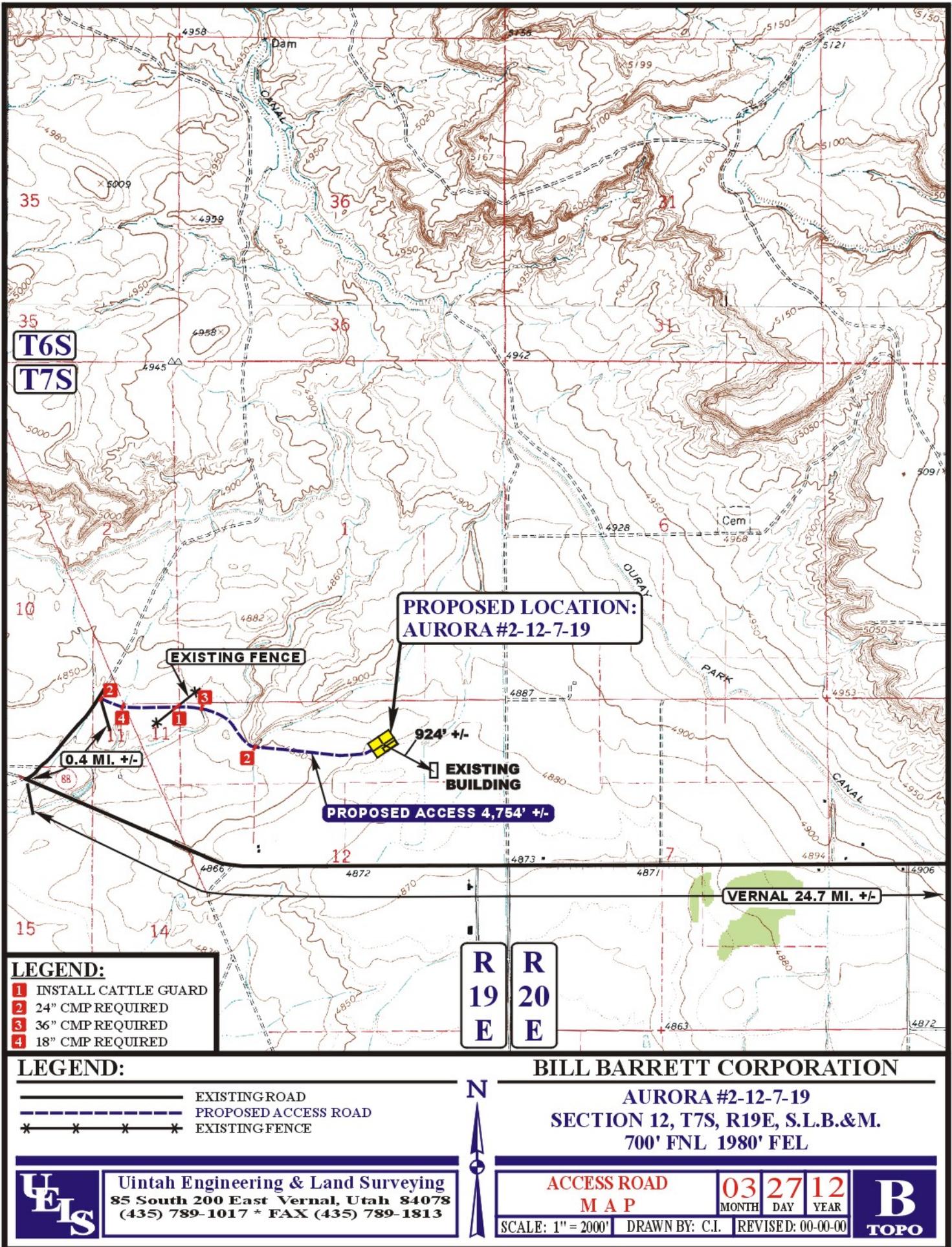
BILL BARRETT CORPORATION

AURORA #2-12-7-19
SECTION 12, T7S, R19E, S.L.B.&M.
700' FNL 1980' FEL



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

ACCESS ROAD	03	27	12	
MAP	MONTH	DAY	YEAR	
SCALE: 1:100,000	DRAWN BY: C.I.		REVISED: 00-00-00	



**PROPOSED LOCATION:
AURORA #2-12-7-19**

EXISTING FENCE

0.4 MI. +/-

924' +/-

EXISTING BUILDING

PROPOSED ACCESS 4,754' +/-

VERNAL 24.7 MI. +/-

- LEGEND:**
- 1** INSTALL CATTLE GUARD
 - 2** 24" CMP REQUIRED
 - 3** 36" CMP REQUIRED
 - 4** 18" CMP REQUIRED

R 19 E
R 20 E

- LEGEND:**
- EXISTING ROAD
 - - - PROPOSED ACCESS ROAD
 - * * * * * EXISTING FENCE

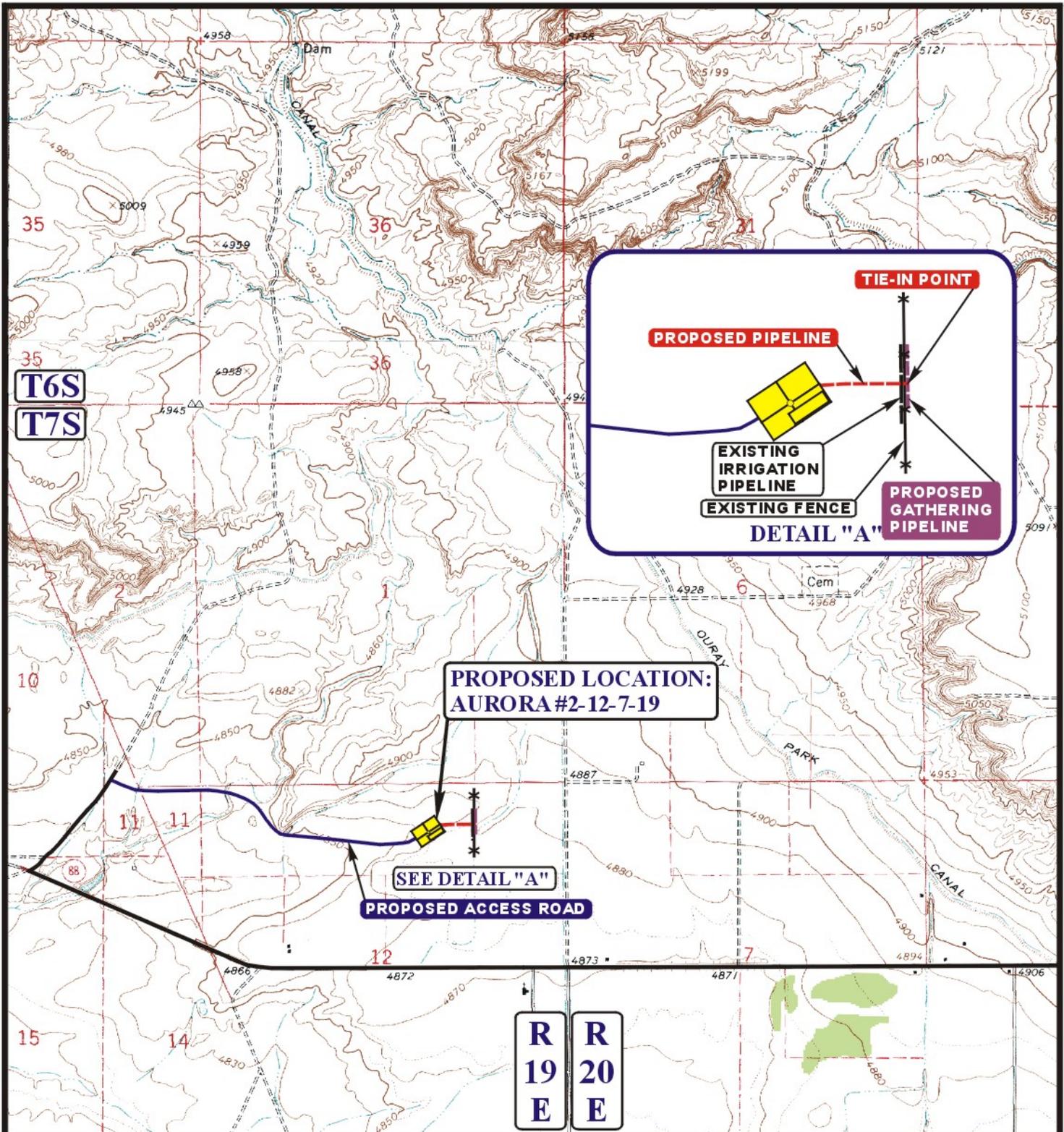
BILL BARRETT CORPORATION

AURORA #2-12-7-19
SECTION 12, T7S, R19E, S.L.B.&M.
700' FNL 1980' FEL

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

ACCESS ROAD
M A P
03 27 12
MONTH DAY YEAR
SCALE: 1" = 2000' DRAWN BY: C.I. REVISED: 00-00-00

B
TOPO



APPROXIMATE TOTAL PIPELINE DISTANCE = 519' +/-

LEGEND:

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

BILL BARRETT CORPORATION

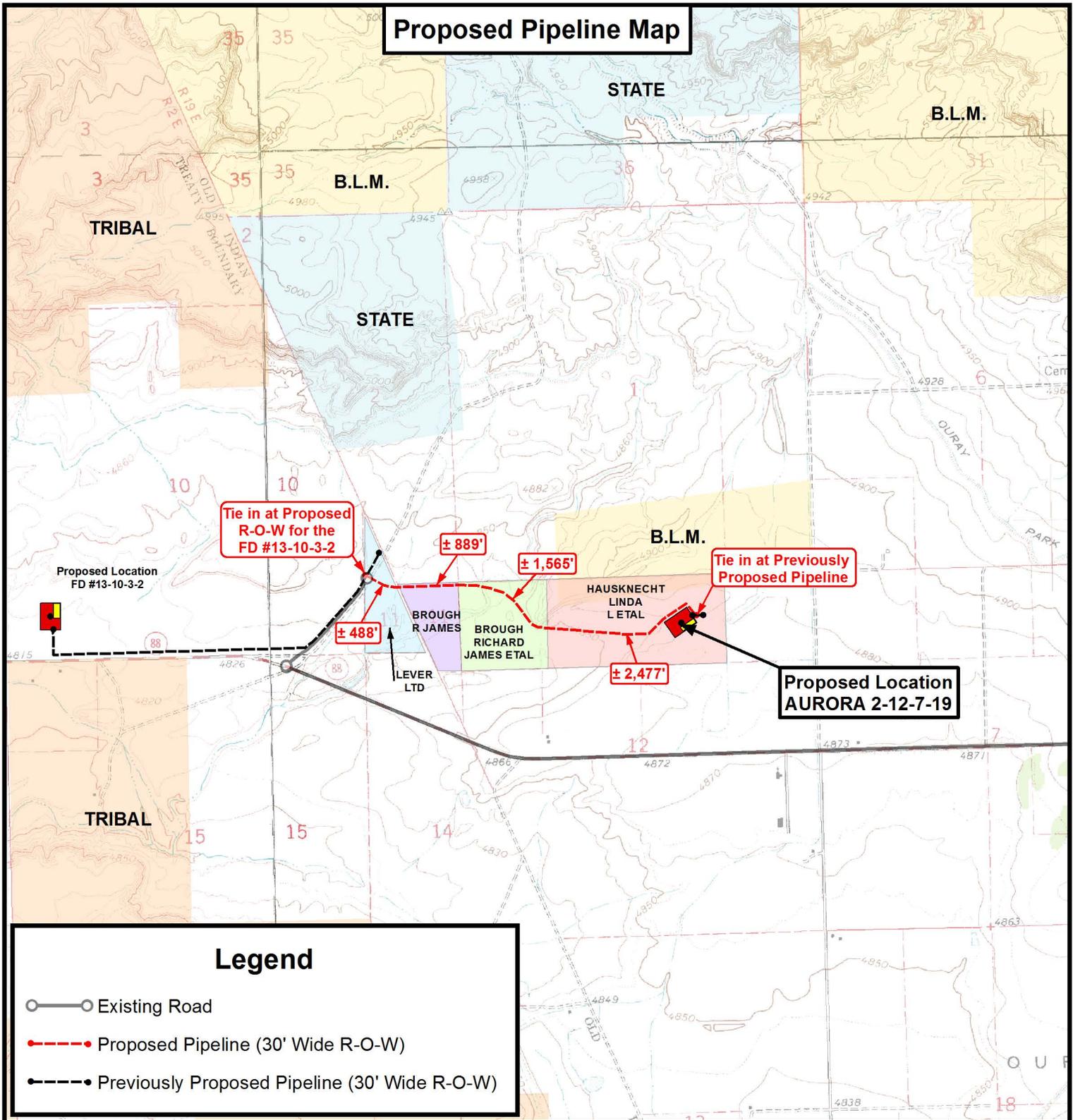
AURORA #2-12-7-19
SECTION 12, T7S, R19E, S.L.B.&M.
700' FNL 1980' FEL

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

TOPOGRAPHIC MAP 03 27 12
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: C.I. REVISED: 00-00-00



Proposed Pipeline Map



Legend

- Existing Road
- Proposed Pipeline (30' Wide R-O-W)
- Previously Proposed Pipeline (30' Wide R-O-W)

TOTAL PIPELINE DISTANCE: ± 5,420'

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518



BILL BARRETT CORPORATION

AURORA 2-12-7-19
SEC. 12, T7S, R19E, S.L.B.&M.
Uintah County, UT.

DRAWN BY:	J.A.S.	REVISED:
DATE:	09-05-2012	
SCALE:	1" = 2,000'	

TOPOGRAPHIC MAP

SHEET
C

SURFACE USE AGREEMENT
(Aurora 2-12-7-19)

THIS AGREEMENT Dated April 30, 2012 by and between _____

Linda L. Hausknecht, Larry S. Lewis, Sherry L. Webb and Vicki L. Roskelley (aka, Vicki Lewis)
whose address is 972 West Porter TN, West Bountiful, UT 84087
(801-388-1684), hereinafter referred to as "Surface Owner", and
Bill Barrett Corporation, whose address is 1099 18th Street, #2300, Denver, CO 80202
hereinafter referred to as "Operator".

WITNESSETH:

WHEREAS, Surface Owner represents that they are the owners in fee and in possession of the surface estate for the following described lands in **Uintah** County, **Utah**, hereinafter referred to as "Lands", to wit:

A Tract of land lying in the **NW/4NE/4, NE/4NW/4, Section 12, Township 7 South, Range 19 East** as further described on Exhibit "A" attached hereto and made a part hereof.

WHEREAS, Operator has or will acquire certain leasehold interests in the oil and gas mineral estate in the Lands and proposes to conduct drilling and subsequent production operations on the Lands; and

WHEREAS, Surface Owner is generally aware of the nature of the operations which may be conducted under oil and gas leases covering the mineral estate of the Lands; and

WHEREAS, the parties believe that it is in their mutual best interest to agree to the amount of damages to be assessed incident to the operations of Operator on the premises in the exploration for, development and production of oil, gas and/or other leasehold substances under the terms of those certain oil and gas leases now owned or which may be acquired by Operator covering portions of the mineral estate of the Lands; and,

WHEREAS, the parties believe that a reasonable estimate can be made of the damages which will result from the exploration, development and production operations contemplated by such oil and gas leases.

NOW, THEREFORE, in consideration of ten dollars and other valuable consideration, the sufficiency of which is hereby acknowledged, the parties agree as follows:

1. Operator has the right of ingress and egress and to the use of those portions of the Lands which it requires for oil and gas exploration, development and production operations, including tank batteries and other production facilities and the transportation of produced substances from the leasehold, and also the right to construct and use roads and pipelines across portions of the Lands. Operator shall pay Surface Owner as liquidated damages the following sum as full settlement and satisfaction of all damages growing out of, incident to, or in connection with the usual and customary exploration, drilling, completion, sidetracking, reworking, equipping and production operations, contemplated by the oil and gas leases covering the Lands, unless otherwise specifically provided herein:

2. Operator agrees to consult with the surface owner and/or tenant as to all routes of ingress and egress. Prior to the construction of any roads, pipelines, tank battery installations, or installation of any other equipment on the leased premises, Operator shall consult with the surface owner and/or tenant as to the location and direction of same.

3. It is the intention of the parties hereto to cause as little interference with farming operations on the leased premises as reasonably possible, including but specifically not limited to the operation of any pivotal irrigation sprinkler system, or any other irrigation method. If any circular irrigation sprinkler system is in use at the time of initial drilling operations on the leased premises, then any subsequent production equipment, including but specifically not limited to pump jacks, hydraulic lifting equipment, or any other equipment necessary to produce any oil or gas from such well, shall be recessed to such depths, or

ramps constructed, so as to allow the continued use of such circular irrigation system.

4. In the event any well hereunder is plugged and abandoned, Operator agrees that Operator will, within a reasonable time, restore Surface Owner's surface estate as near as practical to its original condition found prior to Operator's operations. It is understood and agreed that Surface Owner may elect in writing, prior to cessation of operations of Operator, to have any road constructed under the terms of this Agreement remain upon the property, in which event Operator agrees to leave such road or roads in reasonable condition.

5. Operator is responsible for acquiring all necessary permits, licenses, fees, etc. incident to its operations on the Lands.

6. In the event Surface Owner considers that Operator has not complied with all its obligations hereunder, both express and implied, Surface Owner shall notify Operator in writing, setting out specifically in what respects Operator has breached this contract. Operator shall then have sixty (60) days to meet or commence to meet all or any part of the breaches alleged by Surface Owner. The service of said notice shall be precedent to the bringing of any action by Surface Owner for any cause, and no such action shall be brought until the lapse of sixty (60) days after service of such notice on Operator. In the event of litigation, the prevailing party's reasonable attorney's fees will be paid by the opposing party.

7. Operator shall be responsible and shall remain liable for any environmental problems on the subject lands which are caused by or through its operations. To the extent that any such claims are asserted, Operator will be responsible for any remediation required as provided by state regulations. This assumption of liability, however, does not include any third-party operations on the subject lands or any Surface Owner actions which could cause environmental problems but is limited solely to the actions of Operator. Operator hereby indemnifies and holds harmless Surface Owner from any and all environmental problems it causes on the Lands.

8. In the event Surface Owner owns less than the entire fee interest in the Lands, then any payment stated herein shall be proportionately reduced to the interest owned.

9. This Agreement shall remain in full force and effect from the date hereof and for so long thereafter as Operator's oil and gas operations affecting the Lands are in effect.

10. When the word "Operator" is used in this Agreement, it shall also mean the successors and assigns of Operator, including but not limited to its employees and officers, agents, affiliates, contractors, subcontractors and/or purchasers.

11. This Agreement shall be binding upon and inure to the benefit of the heirs, successors and assigns of the parties.

ADDITIONAL PROVISIONS:

7
v
e

This Surface-Use-Agreement is signed by Grantors and Grantee as of the date of acknowledgment of their signatures below, but effective for all purposes as of the Effective Date stated above.

This Surface Use Agreement may be executed in any number of counterparts and by different parties in separate counterparts. Each counterpart when so executed shall be deemed to be an original and all of which together shall constitute one and the same Surface Use Agreement.

IN WITNESS WHEREOF, the GRANTORS and GRANTEE herein named have hereunto set their hand and seal this 30 day of April, 2012.

GRANTOR:

Linda L. Hausknecht
Linda L. Hausknecht

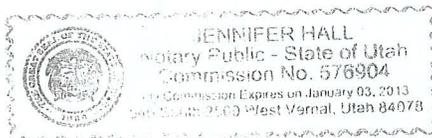
ACKNOWLEDGEMENT

STATE OF UTAH }
COUNTY OF WINNEMAN } SS

BEFORE me, the undersigned, a Notary Public in and fore said County and State, on this 30 day of April, 2012, personally appeared **Linda L. Hausknecht**, to me known to be the identical person(s) who executed the within and foregoing instrument, and acknowledged to me that they executed the same as a free and voluntary act and deed, for the uses and purposes therein set forth.

Given under my hand and seal the day and year last above written.

Jennifer Hall
Notary Public
Residing At: WINNEMAN County



This Surface Use Agreement may be executed in any number of counterparts and by different parties in separate counterparts. Each counterpart when so executed shall be deemed to be an original and all of which together shall constitute one and the same Surface Use Agreement.

IN WITNESS WHEREOF, the GRANTORS and GRANTEE herein named have hereunto set their hand and seal this 30 day of APRIL, 2012.

GRANTOR:

Larry S. Lewis
Larry S. Lewis

ACKNOWLEDGEMENT

STATE OF Utah }
COUNTY OF Uintah } SS

BEFORE me, the undersigned, a Notary Public in and fore said County and State, on this 30 day of April, 2012, personally appeared **Larry S. Lewis** to me known to be the identical person(s) who executed the within and foregoing instrument, and acknowledged to me that they executed the same as a free and voluntary act and deed, for the uses and purposes therein set forth.

Given under my hand and seal the day and year last above written.

David J. Hall
Notary Public
Residing At: Uintah County



ACKNOWLEDGEMENT

State of _____ }
 } :SS
County of _____ }

BEFORE me, the undersigned, a Notary Public in and for said County and State, on this 18th day of DECEMBER, 2011, personally appeared **Robert W. Conrad** to me known to be the identical person(s) who executed the within and foregoing instrument, and acknowledged to me that he executed the same as a free and voluntary act and deed, for the uses and purposes therein set forth.

Given under my hand and seal the day and year last above written.

My Commission Expires: 1-03-2013

Jennifer Hall

Notary Public



ACKNOWLEDGEMENT

STATE OF _____)
) SS
COUNTY OF _____)

On the _____ day of _____, 2011, before me the undersigned authority, appeared **Huntington T. Walker**, to me personally known, who, being sworn, did say that he is the **Senior Vice President Land for Aurora Gathering, LLC**, and that the foregoing instrument was signed in behalf of said Corporation and Appeared acknowledged to me that said instrument to be the free act and deed of the Corporation.

Notary Public for the State of

Residing at _____

REQUEST FOR TAXPAYER IDENTIFICATION NUMBER AND CERTIFICATION

According to the Internal Revenue Service, you are required by law to provide Aurora Gathering, LLC with your correct taxpayer identification number. If you do not provide Aurora Gathering, LLC with your correct taxpayer identification number, you may be subject to civil or criminal penalties imposed by law.

Robert W. Conrad

Name

5510 S. 300 W.

Address

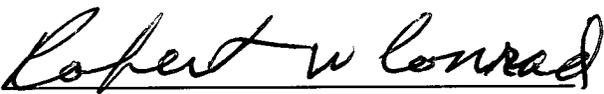
Murray, Utah 84107

City, State and Zip Code

529-60-6653

Taxpayer Identification Number

Under penalties of perjury, I certify that the number shown on this statement is my correct taxpayer identification number.



Robert W. Conrad

This Right-Of-Way Agreement may be executed in any number of counterparts and by different parties in separate counterparts. Each counterpart when so executed shall be deemed to be an original and all of which together shall constitute one and the same Right-Of-Way Agreement.

IN WITNESS WHEREOF, the GRANTORS and GRANTEE herein named have hereunto set their hand and seal this 14th day of May, 2012

GRANTEE:
Aurora Gathering, LLC

Huntington T. Walker
Huntington T. Walker, Senior Vice-President Land

TJA

ACKNOWLEDGEMENT

STATE OF Colorado)
) SS
COUNTY OF Denver)

On the 14th day of May, 2012, before me the undersigned authority, appeared **Huntington T. Walker**, to me personally known, who, being sworn, did say that they are the Senior Vice-President Land of Aurora Gathering, LLC, and that the foregoing instrument was signed in behalf of said partnership and Appearer acknowledged to me that said instrument to be the free act and deed of the partnership.

KEVIN T. FUNK
Notary Public
State of Colorado
My Commission Expires 3-21-2016

Kevin Funk
Notary Public for the State of Colorado
Residing at Denver, CO

BILL BARRETT CORPORATION

PIPELINE RIGHT-OF-WAY ON FEE LANDS

(For AURORA #2-12-7-19)
LOCATED IN
SECTION 12, T7S, R19E, S1B & M
UTAH COUNTY, UTAH



SCALE

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

RIGHT-OF-WAY LENGTHS			
PROPERTY OWNER	FEET	ACRES	RODS
LINDA L.E. HAUSKNECHT	460.81	0.317	27.93
ROBERT W. CONRAD	28.96	0.020	1.76

▲ = SECTION CORNERS LOCATED
△ = SECTION CORNERS RE-ESTABLISHED
(Not Set on Ground)

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



REGISTERED LAND SURVEYOR
STATE OF UTAH
No. 161319

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

SCALE	1" = 600'	DATE	03-19-12
PARTY	C.R. S.R. S.F.	REFERENCES	G.L.O. PLAT
WEATHER	COOL	FILE	51907

2011 U.E.L.S. Alum Cap

2011 U.E.L.S. Alum Cap

2011 U.E.L.S. Alum Cap

2011 U.E.L.S. Alum Cap

Sec. 1

PIPELINE RIGHT-OF-WAY DESCRIPTION ON LINDA L. E. HAUSKNECHT LANDS

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE
BEGINNING AT A POINT IN THE NW 1/4 NE 1/4 OF SECTION 12, T7S, R19E, S1B & M WHICH BEARS S35°25'25"W 754.79' FROM THE NORTHEAST CORNER OF THE NW 1/4 NE 1/4 OF SAID SECTION 12, THENCE N89°09'46"E 124.45' THENCE N89°11'59"E 160.23' TO A POINT ON THE EAST LINE OF THE NW 1/4 NE 1/4 OF SAID SECTION 12 WHICH BEARS S00°12'01"E 592.88' FROM THE NORTHEAST CORNER OF THE NW 1/4 NE 1/4 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 0.317 ACRES MORE OR LESS

PIPELINE RIGHT-OF-WAY DESCRIPTION ON ROBERT W. CONRAD 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 NE 1/4 OF SECTION 12, T7S, R19E, S1B & M WHICH BEARS S00°12'01"E 592.88' FROM THE NORTHWEST CORNER OF THE NE 1/4 NE 1/4 OF SAID SECTION 12, THENCE N89°11'59"E 28.96' TO A POINT IN THE NE 1/4 NE 1/4 OF SAID SECTION 12 WHICH BEARS S02°59'52"E 593.28' FROM THE NORTHWEST CORNER OF THE NE 1/4 NE 1/4 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 0.020 ACRES MORE OR LESS

Linda L. E. Hausknecht

NE 1/4

Robert W. Conrad

NE 1/4

Proposed Gathering Line

END OF PROPOSED PIPELINE RIGHT-OF-WAY STA. 4+89.77 (At Proposed Gathering Line)

1/6 Section Line

POP L 4+89.77

P 3+00.58

L 2 124.45

L 3 176.12

L 4 160.23

L 5 28.96

LINE TABLE	
LINE	DIRECTION LENGTH
L1	N89°09'46"E 29.54
L2	N89°09'46"E 124.45
L3	N89°11'59"E 176.12
L4	N89°11'59"E 160.23
L5	N89°11'59"E 28.96

Sec. 12

Sec. 2

PIPELINE RIGHT-OF-WAY DESCRIPTION ON LINDA L. E. HAUSKNECHT LANDS

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE
BEGINNING AT A POINT IN THE NW 1/4 NE 1/4 OF SECTION 12, T7S, R19E, S1B & M WHICH BEARS S35°25'25"W 754.79' FROM THE NORTHEAST CORNER OF THE NW 1/4 NE 1/4 OF SAID SECTION 12, THENCE N89°09'46"E 124.45' THENCE N89°11'59"E 160.23' TO A POINT ON THE EAST LINE OF THE NW 1/4 NE 1/4 OF SAID SECTION 12 WHICH BEARS S00°12'01"E 592.88' FROM THE NORTHEAST CORNER OF THE NW 1/4 NE 1/4 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 0.317 ACRES MORE OR LESS

Sec. 11

Sec. 12

NW Cor. Sec. 1, 1926 Brass Cap

2011 U.E.L.S. Alum Cap

RIGHT-OF-WAY AGREEMENT

STATE OF UTAH }
 } SS
COUNTY OF UINTAH }

THAT, effective on this 5th day of October, 2012, for and in consideration of Ten & 00/100ths Dollars (\$10.00) and other good and valuable consideration, in hand paid to

Richard James Brough
P O Box 367
Roosevelt, Utah 84066

Jessie Samuel Brough
c/o Richard James Brough
P O Box 367
Roosevelt, Utah 84066

Cheryl Ann Stevenson
1327 Carousel Street
SLC, Utah 84116

("GRANTORS"), the receipt and sufficiency of which is hereby acknowledged, does hereby grant to **Aurora Gathering, LLC** ("GRANTEE"), of **1099 18th Street, #2300, Denver, CO 80202**, its successors or assigns, a right-of-way to construct, maintain and use a road for the purpose of drilling, operating and maintaining a well or wells for the production of the oil and/or gas, along with the right to lay, construct, maintain, alter, inspect, repair, replace, change the size of, operate, and remove pipelines and from time to time add additional pipelines or multiple pipelines, drips, valves, electrical power lines, whether buried or overhead, cathodic equipment, and all appurtenances convenient for the maintenance and operation of said lines and for the transportation of oil, gas, produced water, or other substances therein, under, on, over and through the premises hereinafter described, and the Grantee is granted the right of ingress and egress, over and across said road and lands for any purpose necessary or incidental to the drilling, operating and maintaining a well or wells owned by Grantee.

The said right-of-way shall be located over and across the following described lands owned by the Grantors in Uintah County, State of Utah, to-wit:

Township 7 South, Range 19 East, SLM
Section 12: A tract of land lying in the NW/4NW/4

As further described on Exhibit "A" attached hereto and made a part hereof.

To have and to hold said easements, rights, and right-of-way unto the said Grantee, its successors and assigns.

All pipelines installed hereunder shall be buried where practical. Grantors shall not place anything over or so close to any pipeline, road, or other facility of Grantee as will be likely to interfere with Grantee's access thereto by use of equipment of means customarily employed in the maintenance of pipelines. Grantee to pay for all damage to growing crops, drainage tile and fences of Grantors arising out of the construction or repair of any of the pipelines, roads, and facilities herein authorized to be maintained and operated by Grantee. This easement shall not exceed Sixty (60') feet for construction and Fifty (50') feet for the permanent easement. Pipelines and disturbed ground, not in the permanent road easement, to be reseeded at recommended seeding rates per Surface Owner once cleanup is completed.

The foregoing sets out the entire agreement between Grantors and Grantee, and supersedes any prior oral or written agreements or negotiations not set out in writing herein or in the oil and gas lease covering the above described lands. No provisions of this agreement shall be modified, altered or waived except by written amendment executed by the parties or their representatives as set forth below. This agreement shall not act to modify or diminish operator's rights and privileges under any oil and gas leases owned by Operator covering all or any portion of the above described lands.

For the same consideration, the undersigned agree to account to any party who may be entitled to any portion of the aforementioned sum, and to indemnify and hold harmless **Aurora Gathering, LLC**, its successors and assigns, from any claim by any other party for damages to the above described lands and the improvements and crops and other things situated thereon.

Grantors shall be held harmless from any claim or demand made on the grounds of damage to property or injury to or death of persons, arising out of Grantee's exercise of the rights herein granted.

This agreement shall terminate within six (6) months after cessation of use by Grantee. Following completion of the road and installation of power line and pipelines, Grantee agrees to restore the surface of said land as nearly as is reasonably practical to its original condition.

This agreement shall be binding upon the successors and assigns of the parties hereto and shall be deemed to be a covenant running with the lands described above. However, any successor to Grantee's interest is obligated to notify surface owner of new ownership and provide to the surface owner viable contact information.

This Right-of-Way Agreement is signed by Grantors and Grantee as of the date of acknowledgment of their signatures below, but is effective for all purposes as of the Effective Date stated above.

This Right-of-Way Agreement may be executed in any number of counterparts and by different parties in separate counterparts. Each counterpart when so executed shall be deemed to be an original and all of which together shall constitute one and the same Right of Way Agreement.

GRANTOR:

Richard James Brough
Richard James Brough

Oct 9, 2012
Date

ACKNOWLEDGEMENT

BEFORE me, the undersigned, a Notary Public in and for said County and State, on this 9 day of October, 2012, personally appeared **Richard James Brough**, to me known to be the identical person(s) who executed the within and foregoing instrument, and acknowledged to me that they executed the same as a free and voluntary act and deed, for the uses and purposes therein set forth.

Given under my hand and seal the day and year last above written.

My Commission Expires: May 10, 2016

Mickie Lee Allred
Notary Public

Residing At: Uintah County, Utah



This Right-of-Way Agreement may be executed in any number of counterparts and by different parties in separate counterparts. Each counterpart when so executed shall be deemed to be an original and all of which together shall constitute one and the same Right of Way Agreement.

GRANTOR:

Jessie Samuel Brough
Jessie Samuel Brough

10-9-2012
Date

ACKNOWLEDGEMENT

State of Utah }
County of Uintah } :SS

BEFORE me, the undersigned, a Notary Public in and for said County and State, on this 9 day of October, 2012, personally appeared Jessie Samuel Brough, to me known to be the identical person(s) who executed the within and foregoing instrument, and acknowledged to me that they executed the same as a free and voluntary act and deed, for the uses and purposes therein set forth.

Given under my hand and seal the day and year last above written.

My Commission Expires: May 10, 2016

Mickie Lee Allred
Notary Public

Residing At: Uintah County, Utah



This Right-of-Way Agreement may be executed in any number of counterparts and by different parties in separate counterparts. Each counterpart when so executed shall be deemed to be an original and all of which together shall constitute one and the same Right of Way Agreement.

GRANTOR:

Cheryl Ann Stevenson
Cheryl Ann Stevenson

10/15/2012
Date

ACKNOWLEDGEMENT

State of Utah
County of Salt Lake } :SS

BEFORE me, the undersigned, a Notary Public in and for said County and State, on this 15 day of October, 2012, personally appeared **Cheryl Ann Stevenson**, to me known to be the identical person(s) who executed the within and foregoing instrument, and acknowledged to me that they executed the same as a free and voluntary act and deed, for the uses and purposes therein set forth.

Given under my hand and seal the day and year last above written.

My Commission Expires: 7/29/13

Salome Jensen
Notary Public

Residing At: SU, Ut

BILL BARRETT CORPORATION

PROPOSED PIPELINE RIGHT-OF-WAY ON FEE LANDS

For AURORA 2-12-7-19 Well Pad

Located in Sections 11 & 12, T7S, R19E, S.L.B.&M.
Also in Section 11, T3S, R2E, U.S.B.&M. Uintah County, Utah



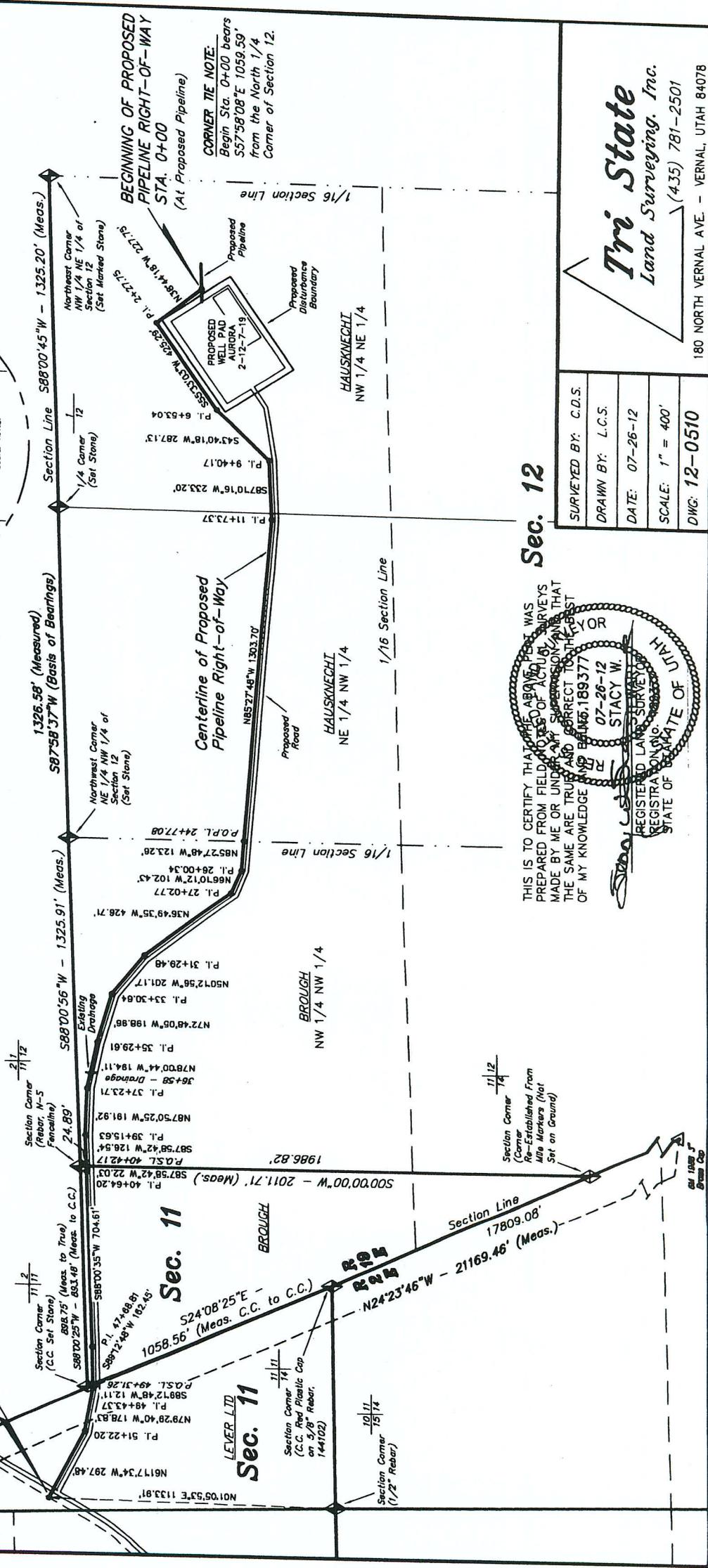
PIPELINE RIGHT-OF-WAY DESCRIPTION
A 30' WIDE RIGHT-OF-WAY LOCATED IN SECTIONS 11 & 12, T7S, R19E, S.L.B.&M. ALSO IN SECTION 11, T3S, R2E, U.S.B.&M. THE WIDTH OF SAID RIGHT-OF-WAY BEING 15' ON EITHER SIDE OF THE FOLLOWING DESCRIBED CENTERLINE

BEGINNING A 30' WIDE RIGHT-OF-WAY AT A POINT IN THE NW 1/4 NE 1/4 OF SECTION 12, T7S, R19E, S.L.B.&M. WHICH BEARS S75°58'01"E 1059.59' FROM THE NORTH 1/4 CORNER OF SAID SECTION 12, THENCE N87°41'10"W 227.75', THENCE S55°33'03"W 423.28', THENCE S43°40'18"W 287.13', THENCE S97°10'16"W 233.20', THENCE N85°27'48"W 1303.70', THENCE N65°27'48"W 1732.28', THENCE N66°10'12"W 102.43', THENCE N38°49'35"W 426.71', THENCE N50°12'56"W 201.17', THENCE N72°46'05"W 198.98', THENCE N178°00'42"W 194.11', THENCE N67°50'25"W 191.92', THENCE S97°58'42"W TO A POINT ON THE EAST LINE OF SECTION 11, T7S, R19E, U.S.B.&M. WHICH BEARS S97°58'42"W 22.03', THENCE S88°00'35"W 704.61', THENCE S89°12'48"W 182.45' TO A POINT ON THE EAST LINE OF SECTION 11, T3S, R2E, U.S.B.&M. WHICH BEARS S27°23'46"E 3380.36' FROM MILE MARKER 10M, THENCE S88°12'48"W 12.11', THENCE N79°28'40"W 178.87', THENCE N81°17'34"W 287.46' TO A POINT IN SAID SECTION 11, T3S, R2E, U.S.B.&M. WHICH BEARS N07°05'E 1103.97' FROM THE SOUTHWEST CORNER OF SAID SECTION 11, T3S, R2E, U.S.B.&M. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS THE NORTH LINE OF THE NE 1/4 NW 1/4 OF SAID SECTION 12 WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR S87°58'37"W A MEASURED DISTANCE OF 1326.58'. CONTAINS 3.732 ACRES MORE OR LESS.

RIGHT-OF-WAY LENGTHS

PROPERTY OWNER	FEET	ACRES	RODS
HAUSKNECHT SEC. 12	2477.08'	1.706	150.126
BROUGH SEC. 12	1565.09'	1.078	94.854
BROUGH SEC. 11, T7S, R19E	888.09'	0.612	53.884
LEVER LTD SEC. 11, T3S, R2E	488.42'	0.336	29.601
TOTAL	5419.68'	3.732	328.465

END OF PROPOSED PIPELINE RIGHT-OF-WAY STA. 54+19.68 (At Proposed Pipeline)



Sec. 12

THIS IS TO CERTIFY THAT THE ABOVE REPRESENTS THE ACTUAL SURVEY 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
STATE OF UTAH
STACY W.
07-26-12
NO. 4465-189377

Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

SURVEYED BY:	C.D.S.
DRAWN BY:	L.C.S.
DATE:	07-26-12
SCALE:	1" = 400'
DWG:	12-0510

100 1000 3" Alt. Cap

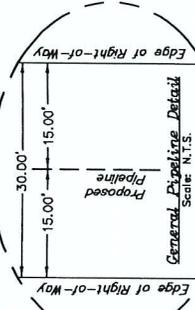
04 1000 3" Press Cap

BILL BARRETT CORPORATION

PROPOSED PIPELINE RIGHT-OF-WAY ON FEE LANDS

For **AURORA 2-12-7-19 Well Pad**

Located in Sections 11 & 12, T7S, R19E, S.L.B.&M. Also in Section 11, T3S, R2E, U.S.B.&M. Uintah County, Utah



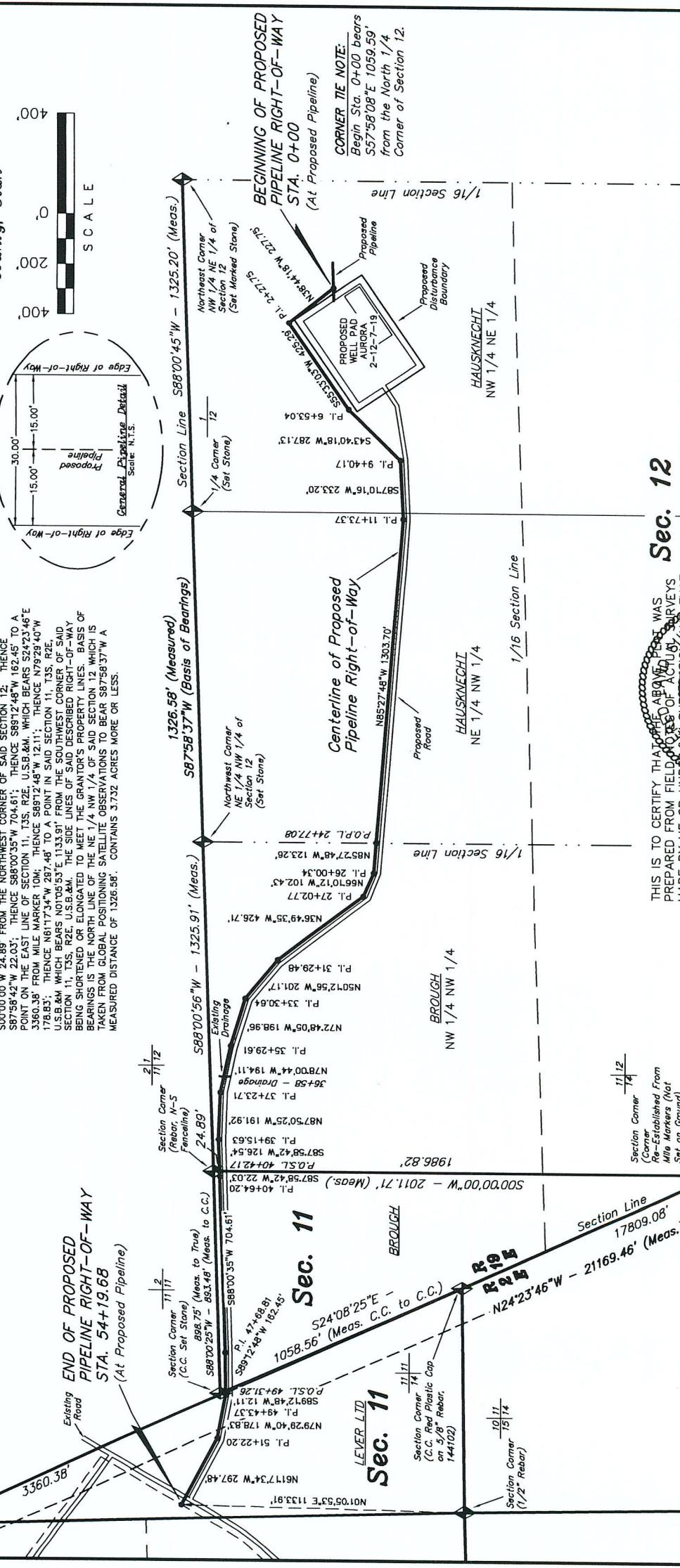
PIPELINE RIGHT-OF-WAY DESCRIPTION

A 30' WIDE RIGHT-OF-WAY LOCATED IN SECTIONS 11 & 12, T7S, R19E, S.L.B.&M. ALSO IN SECTION 11, T3S, R2E, U.S.B.&M. THE WIDTH OF SAID RIGHT-OF-WAY BEING 15' ON EITHER SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

BEGINNING A 30' WIDE RIGHT-OF-WAY AT A POINT IN THE NW 1/4 NE 1/4 OF SECTION 12, T7S, R19E, S.L.B.&M. WHICH BEARS S57°58'08"E 1059.59' FROM THE NORTH 1/4 CORNER OF SAID SECTION 12; THENCE N36°44'18"W 227.75'; THENCE S55°33'03"W 425.28'; THENCE S43°40'18"W 287.13'; THENCE S87°10'16"W 233.20'; THENCE N85°27'48"W 1303.70'; THENCE N85°27'48"W 123.26'; THENCE N68°10'12"W 102.43'; THENCE N36°49'35"W 428.71'; THENCE N50°12'56"W 201.17'; THENCE N72°48'05"W 198.96'; THENCE N78°00'44"W 194.11'; THENCE N87°50'25"W 191.92'; THENCE S87°58'42"W 126.54' TO A POINT ON THE EAST LINE OF SECTION 11, T7S, R19E, U.S.B.&M. WHICH BEARS S00°00'00"W 24.89' FROM THE NORTHWEST CORNER OF SAID SECTION 12; THENCE S87°58'42"W 22.03'; THENCE S88°00'35"W 704.61'; THENCE S89°12'48"W 162.45' TO A POINT ON THE EAST LINE OF SECTION 11, T3S, R2E, U.S.B.&M. WHICH BEARS S24°23'46"E 3360.38' FROM MILE MARKER 104; THENCE S89°12'48"W 12.11'; THENCE N79°29'40"W 178.83'; THENCE N61°17'34"W 287.48' TO A POINT IN SAID SECTION 11, T3S, R2E, U.S.B.&M. WHICH BEARS N01°05'53"E 1133.91' FROM THE SOUTHWEST CORNER OF SAID SECTION 11, T3S, R2E, U.S.B.&M. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS THE NORTH LINE OF THE NE 1/4 NW 1/4 OF SAID SECTION 12 WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR S87°58'37"W A MEASURED DISTANCE OF 1326.58'. CONTAINS 3.732 ACRES MORE OR LESS.

PROPERTY OWNER	FEET	ACRES	RODS
HAUSKNECHT SEC. 12	2477.08'	1.706	150.126
BROUGH SEC. 12	1565.09'	1.078	94.854
BROUGH SEC. 11, T7S, R19E	1889.09'	0.612	53.884
LEVER LTD SEC. 11, T3S, R2E	488.42'	0.336	29.601
TOTAL	5419.68'	3.732	328.465

END OF PROPOSED PIPELINE RIGHT-OF-WAY STA. 54+19.68
(At Proposed Pipeline)



Sec. 12

THIS IS TO CERTIFY THAT THE ABOVE PART 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.

DATE: 07-26-12

STACY W. ROY

REGISTERED LAND SURVEYOR

REGISTRATION NO. 189377

STATE OF UTAH

SURVEYED BY:	C.D.S.
DRAWN BY:	L.C.S.
DATE:	07-26-12
SCALE:	1" = 400'
DWG. NO.:	12-0510

Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

1/4" 1989 3" Alum. Cap

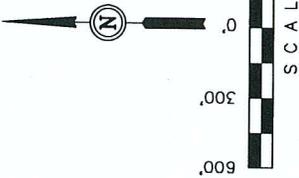
3/4" 1989 3" Brass Cap

BILL BARRETT CORPORATION

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

(For AURORA #2-12-7-19)

LOCATED IN SECTIONS 11 & 12, T7S, R19E, S.L.B.&M. & SECTION 11, T3S, R2E, U.S.B.&M. UINTAH COUNTY, UTAH



BASIS OF BEARINGS

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

RIGHT-OF-WAY LENGTHS

PROPERTY OWNER	FEET	ACRES	RODS
LEVER LTD	455.86	0.314	27.63
RICHARD JAMES BROUGH	2462.97	1.696	149.27
LINDA L.E. HAUSKNECHT	1810.40	1.247	109.72

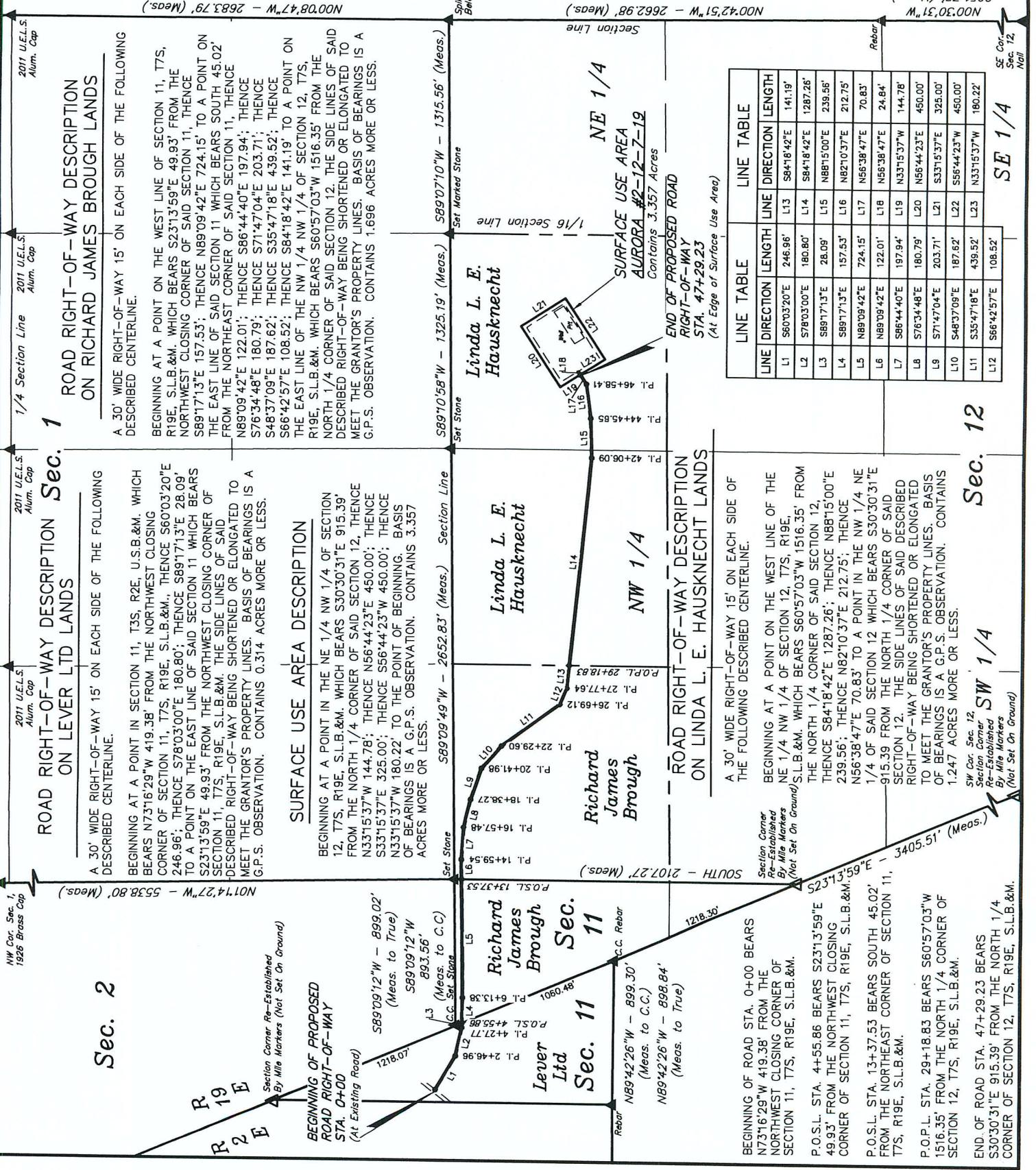
▲ = SECTION CORNERS LOCATED.
 △ = SECTION CORNERS RE-ESTABLISHED (Not Set on Ground).



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

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

SCALE	1" = 600'	DATE	03-19-12
PARTY	C.R. S.R. S.F.	REFERENCES	G.L.O. PLAT
WEATHER	COOL	FILE	5 1 9 0 6



Sec. 1
 ROAD RIGHT-OF-WAY DESCRIPTION ON RICHARD JAMES BROUGH LANDS ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.
 A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.
 BEGINNING AT A POINT ON THE WEST LINE OF SECTION 11, T7S, R19E, S.L.B.&M. WHICH BEARS S23°13'59"E 49.93' FROM THE NORTHWEST CLOSING CORNER OF SAID SECTION 11, THENCE S89°17'13"E 157.53'; THENCE N89°09'42"E 724.15' TO A POINT ON THE EAST LINE OF SAID SECTION 11 WHICH BEARS SOUTH 45.02' FROM THE NORTHEAST CORNER OF SAID SECTION 11, THENCE N89°09'42"E 122.01'; THENCE S86°44'40"E 197.94'; THENCE S76°34'48"E 180.79'; THENCE S71°47'04"E 203.71'; THENCE S48°37'09"E 187.62'; THENCE S35°47'18"E 439.52'; THENCE S66°42'57"E 108.52'; THENCE S84°18'42"E 141.19' TO A POINT ON THE EAST LINE OF THE NW 1/4 NW 1/4 OF SECTION 12, T7S, R19E, S.L.B.&M. WHICH BEARS S60°57'03"W 1516.35' FROM THE NORTH 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 1.696 ACRES MORE OR LESS.

Sec. 2
 ROAD RIGHT-OF-WAY DESCRIPTION ON LEVER LTD LANDS ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.
 A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.
 BEGINNING AT A POINT IN SECTION 11, T3S, R2E, U.S.B.&M. WHICH BEARS N73°16'29"W 419.38' FROM THE NORTHWEST CLOSING CORNER OF SECTION 11, T7S, R19E, S.L.B.&M., THENCE S60°03'20"E 246.96'; THENCE S78°03'00"E 180.80'; THENCE S89°17'13"E 28.09' TO A POINT ON THE EAST LINE OF SAID SECTION 11 WHICH BEARS S23°13'59"E 49.93' FROM THE NORTHWEST CLOSING CORNER OF SAID SECTION 11, T7S, R19E, S.L.B.&M. 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 0.314 ACRES MORE OR LESS.

Sec. 11
 SURFACE USE AREA DESCRIPTION
 BEGINNING AT A POINT IN THE NE 1/4 NW 1/4 OF SECTION 12, T7S, R19E, S.L.B.&M. WHICH BEARS S30°30'31"E 915.39' FROM THE NORTH 1/4 CORNER OF SAID SECTION 12, THENCE N33°15'37"W 144.78'; THENCE N56°44'23"E 450.00'; THENCE S33°15'37"E 325.00'; THENCE S66°44'23"W 450.00'; THENCE N33°15'37"W 180.22' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 3.357 ACRES MORE OR LESS.

Sec. 12
 ROAD RIGHT-OF-WAY DESCRIPTION ON LINDA L. E. HAUSKNECHT LANDS ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.
 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 NW 1/4 OF SECTION 12, T7S, R19E, S.L.B.&M. WHICH BEARS S60°57'03"W 1516.35' FROM THE NORTH 1/4 CORNER OF SAID SECTION 12, THENCE S84°18'42"E 1287.26'; THENCE N88°15'00"E 239.56'; THENCE N82°10'37"E 212.75'; THENCE N56°38'47"E 70.83' TO A POINT IN THE NW 1/4 NE 1/4 OF SAID SECTION 12 WHICH BEARS S30°30'31"E 915.39' FROM THE NORTH 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 1.247 ACRES MORE OR LESS.

Sec. 12
 ROAD RIGHT-OF-WAY DESCRIPTION ON RICHARD JAMES BROUGH LANDS ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.
 A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.
 BEGINNING AT A POINT ON THE WEST LINE OF SECTION 11, T7S, R19E, S.L.B.&M. WHICH BEARS S23°13'59"E 49.93' FROM THE NORTHWEST CLOSING CORNER OF SAID SECTION 11, THENCE S89°17'13"E 157.53'; THENCE N89°09'42"E 724.15' TO A POINT ON THE EAST LINE OF SAID SECTION 11 WHICH BEARS SOUTH 45.02' FROM THE NORTHEAST CORNER OF SAID SECTION 11, THENCE N89°09'42"E 122.01'; THENCE S86°44'40"E 197.94'; THENCE S76°34'48"E 180.79'; THENCE S71°47'04"E 203.71'; THENCE S48°37'09"E 187.62'; THENCE S35°47'18"E 439.52'; THENCE S66°42'57"E 108.52'; THENCE S84°18'42"E 141.19' TO A POINT ON THE EAST LINE OF THE NW 1/4 NW 1/4 OF SECTION 12, T7S, R19E, S.L.B.&M. WHICH BEARS S60°57'03"W 1516.35' FROM THE NORTH 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 1.696 ACRES MORE OR LESS.

Sec. 11
 SURFACE USE AREA DESCRIPTION
 BEGINNING AT A POINT IN THE NE 1/4 NW 1/4 OF SECTION 12, T7S, R19E, S.L.B.&M. WHICH BEARS S30°30'31"E 915.39' FROM THE NORTH 1/4 CORNER OF SAID SECTION 12, THENCE N33°15'37"W 144.78'; THENCE N56°44'23"E 450.00'; THENCE S33°15'37"E 325.00'; THENCE S66°44'23"W 450.00'; THENCE N33°15'37"W 180.22' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 3.357 ACRES MORE OR LESS.

Sec. 12
 ROAD RIGHT-OF-WAY DESCRIPTION ON LINDA L. E. HAUSKNECHT LANDS ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.
 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 NW 1/4 OF SECTION 12, T7S, R19E, S.L.B.&M. WHICH BEARS S60°57'03"W 1516.35' FROM THE NORTH 1/4 CORNER OF SAID SECTION 12, THENCE S84°18'42"E 1287.26'; THENCE N88°15'00"E 239.56'; THENCE N82°10'37"E 212.75'; THENCE N56°38'47"E 70.83' TO A POINT IN THE NW 1/4 NE 1/4 OF SAID SECTION 12 WHICH BEARS S30°30'31"E 915.39' FROM THE NORTH 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 1.247 ACRES MORE OR LESS.

Sec. 11
 SURFACE USE AREA DESCRIPTION
 BEGINNING AT A POINT IN THE NE 1/4 NW 1/4 OF SECTION 12, T7S, R19E, S.L.B.&M. WHICH BEARS S30°30'31"E 915.39' FROM THE NORTH 1/4 CORNER OF SAID SECTION 12, THENCE N33°15'37"W 144.78'; THENCE N56°44'23"E 450.00'; THENCE S33°15'37"E 325.00'; THENCE S66°44'23"W 450.00'; THENCE N33°15'37"W 180.22' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 3.357 ACRES MORE OR LESS.

Sec. 12
 ROAD RIGHT-OF-WAY DESCRIPTION ON LINDA L. E. HAUSKNECHT LANDS ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.
 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 NW 1/4 OF SECTION 12, T7S, R19E, S.L.B.&M. WHICH BEARS S60°57'03"W 1516.35' FROM THE NORTH 1/4 CORNER OF SAID SECTION 12, THENCE S84°18'42"E 1287.26'; THENCE N88°15'00"E 239.56'; THENCE N82°10'37"E 212.75'; THENCE N56°38'47"E 70.83' TO A POINT IN THE NW 1/4 NE 1/4 OF SAID SECTION 12 WHICH BEARS S30°30'31"E 915.39' FROM THE NORTH 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 1.247 ACRES MORE OR LESS.

Sec. 11
 SURFACE USE AREA DESCRIPTION
 BEGINNING AT A POINT IN THE NE 1/4 NW 1/4 OF SECTION 12, T7S, R19E, S.L.B.&M. WHICH BEARS S30°30'31"E 915.39' FROM THE NORTH 1/4 CORNER OF SAID SECTION 12, THENCE N33°15'37"W 144.78'; THENCE N56°44'23"E 450.00'; THENCE S33°15'37"E 325.00'; THENCE S66°44'23"W 450.00'; THENCE N33°15'37"W 180.22' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 3.357 ACRES MORE OR LESS.

Sec. 12
 ROAD RIGHT-OF-WAY DESCRIPTION ON LINDA L. E. HAUSKNECHT LANDS ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.
 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 NW 1/4 OF SECTION 12, T7S, R19E, S.L.B.&M. WHICH BEARS S60°57'03"W 1516.35' FROM THE NORTH 1/4 CORNER OF SAID SECTION 12, THENCE S84°18'42"E 1287.26'; THENCE N88°15'00"E 239.56'; THENCE N82°10'37"E 212.75'; THENCE N56°38'47"E 70.83' TO A POINT IN THE NW 1/4 NE 1/4 OF SAID SECTION 12 WHICH BEARS S30°30'31"E 915.39' FROM THE NORTH 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 1.247 ACRES MORE OR LESS.

Sec. 11
 SURFACE USE AREA DESCRIPTION
 BEGINNING AT A POINT IN THE NE 1/4 NW 1/4 OF SECTION 12, T7S, R19E, S.L.B.&M. WHICH BEARS S30°30'31"E 915.39' FROM THE NORTH 1/4 CORNER OF SAID SECTION 12, THENCE N33°15'37"W 144.78'; THENCE N56°44'23"E 450.00'; THENCE S33°15'37"E 325.00'; THENCE S66°44'23"W 450.00'; THENCE N33°15'37"W 180.22' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 3.357 ACRES MORE OR LESS.

Sec. 12
 ROAD RIGHT-OF-WAY DESCRIPTION ON LINDA L. E. HAUSKNECHT LANDS ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.
 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 NW 1/4 OF SECTION 12, T7S, R19E, S.L.B.&M. WHICH BEARS S60°57'03"W 1516.35' FROM THE NORTH 1/4 CORNER OF SAID SECTION 12, THENCE S84°18'42"E 1287.26'; THENCE N88°15'00"E 239.56'; THENCE N82°10'37"E 212.75'; THENCE N56°38'47"E 70.83' TO A POINT IN THE NW 1/4 NE 1/4 OF SAID SECTION 12 WHICH BEARS S30°30'31"E 915.39' FROM THE NORTH 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 1.247 ACRES MORE OR LESS.

LINE	DIRECTION	LENGTH	LINE	DIRECTION	LENGTH
L1	S60°03'20"E	246.96'	L13	S84°18'42"E	141.19'
L2	S78°03'00"E	180.80'	L14	S84°18'42"E	1287.26'
L3	S89°17'13"E	28.09'	L15	N88°15'00"E	239.56'
L4	S89°17'13"E	157.53'	L16	N82°10'37"E	212.75'
L5	N89°09'42"E	724.15'	L17	N56°38'47"E	70.83'
L6	N89°09'42"E	122.01'	L18	N56°38'47"E	144.84'
L7	S86°44'40"E	197.94'	L19	N33°15'37"W	24.84'
L8	S76°34'48"E	180.79'	L20	N56°44'23"E	450.00'
L9	S71°47'04"E	203.71'	L21	S33°15'37"E	325.00'
L10	S48°37'09"E	187.62'	L22	S56°44'23"W	450.00'
L11	S35°47'18"E	439.52'	L23	N33°15'37"W	180.22'
L12	S66°42'57"E	108.52'			

SE Cor. Sec. 12

Not

SE 1/4

SW 1/4

SW Cor. Sec. 12

Re-Established By Mile Markers (Not Set on Ground)

SW 1/4

SW Cor. Sec. 12

Re-Established By Mile Markers (Not Set on Ground)

SW 1/4

SW Cor. Sec. 12

Re-Established By Mile Markers (Not Set on Ground)

SW 1/4

SW Cor. Sec. 12

Re-Established By Mile Markers (Not Set on Ground)

SW 1/4

SW Cor. Sec. 12

Re-Established By Mile Markers (Not Set on Ground)

SW 1/4

SW Cor. Sec. 12

Not

ACKNOWLEDGEMENT

State of Utah }
County of Uintah } :SS

BEFORE me, the undersigned, a Notary Public in and for said County and State, on this 9 day of October, 2012, personally appeared Richard James Brough, to me known to be the identical person(s) who executed the within and foregoing instrument, and acknowledged to me that they executed the same as a free and voluntary act and deed, for the uses and purposes therein set forth.

Given under my hand and seal the day and year last above written.

My Commission Expires: May 10, 2016

Mickie Lee Allred
Notary Public



Residing At: Uintah County, Utah

ACKNOWLEDGEMENT

STATE OF _____)
) SS
COUNTY OF _____)

On the ___ day of _____, 2012, before me the undersigned authority, appeared Huntington T. Walker, to me personally known, who, being sworn, did say that he is the Senior Vice President Land for Aurora Gathering, LLC, and that the foregoing instrument was signed in behalf of said Corporation and Appeared acknowledged to me that said instrument to be the free act and deed of the Corporation.

Notary Public for the State of

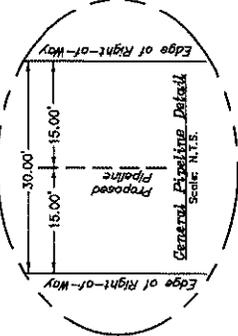
Residing At: _____

BILL BARRETT CORPORATION

PROPOSED PIPELINE RIGHT-OF-WAY ON FEE LANDS

For **AURORA 2-12-7-19 Well Pad**

Located in Sections 11 & 12, T7S, R19E, S.L.B.&M.
Also in Section 11, T3S, R2E, U.S.B.&M. Uintah County, Utah



PIPELINE RIGHT-OF-WAY DESCRIPTION

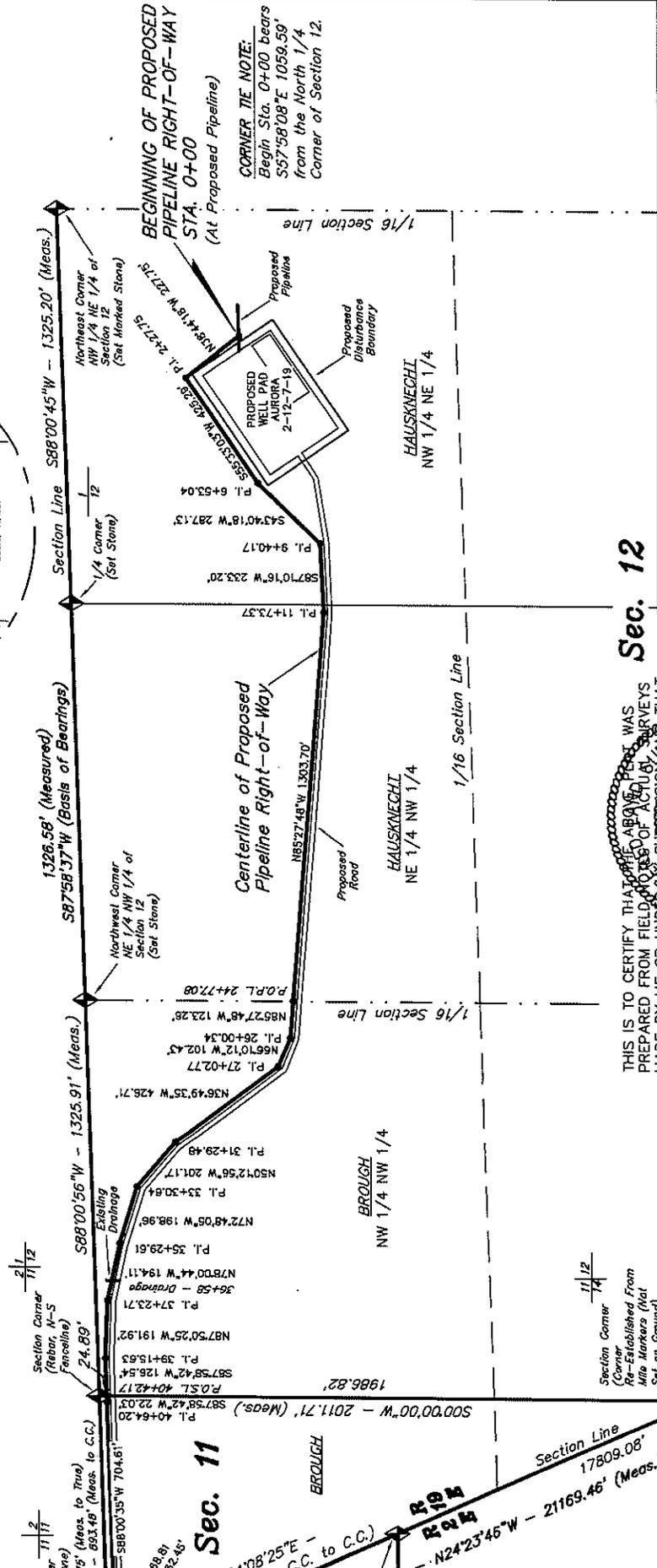
A 30' WIDE RIGHT-OF-WAY LOCATED IN SECTIONS 11 & 12, T7S, R19E, S.L.B.&M. ALSO IN SECTION 11, T3S, R2E, U.S.B.&M. THE WIDTH OF SAID RIGHT-OF-WAY BEING 15' ON EITHER SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING A 30' WIDE RIGHT-OF-WAY AT A POINT IN THE NW 1/4 NE 1/4 OF SECTION 12, T7S, R19E, S.L.B.&M. WHICH BEARS S87°58'08"E 1059.58' FROM THE NORTH 1/4 CORNER OF SAID SECTION 12; THENCE N39°44'18"W 227.75'; THENCE S89°33'03"W 425.28'; THENCE S43°40'18"W 287.13'; THENCE S87°10'16"W 233.20'; THENCE N85°27'48"W 1303.70'; THENCE N85°27'48"W 123.28'; THENCE N86°10'12"W 102.43'; THENCE N39°43'35"W 426.71'; THENCE N50°12'56"W 201.17'; THENCE N72°48'05"W 198.99'; THENCE N78°00'44"W 194.11'; THENCE N87°50'25"W 191.92'; THENCE S87°58'42"W 128.54' TO A POINT ON THE EAST LINE OF SECTION 11, T7S, R19E, U.S.B.&M. WHICH BEARS 500°00'00"W 24.89' FROM THE NORTHWEST CORNER OF SAID SECTION 12; THENCE S87°58'42"W 22.03'; THENCE S88°00'35"W 704.61'; THENCE S89°12'46"W 162.46'; TO A POINT ON THE EAST LINE OF SECTION 11, T3S, R2E, U.S.B.&M. WHICH BEARS S24°23'46"E 178.83'; THENCE N81°17'34"W 287.48' TO A POINT IN SAID SECTION 11, T3S, R2E, U.S.B.&M. WHICH BEARS N07°05'32"E 113.31' FROM THE SOUTHWEST CORNER OF SAID SECTION 11, T3S, R2E, U.S.B.&M. THE SIDE LINES OF SAID DESCRIBED LINES BEING SHORTER OR ELONGATED TO MEET THE OWNER'S PROPERTY LINES. BEASIS OF BEARINGS IS THE NORTH LINE THE NE 1/4 AND NW 1/4 OF SAID SECTION 12, WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR S87°58'37"W A MEASURED DISTANCE OF 1326.58'. CONTAINS 3.732 ACRES MORE OR LESS.

OF-WAY LENGTHS

OWNER	FEET	ACRES	RODS
SEC. 12	2477.08'	1.708	150.128
" 12	1568.09'	1.078	94.854
T7S, R19E	889.09'	0.612	53.884
" , T3S, R2E	488.42'	0.336	29.601
	5419.68'	3.732	328.465

PROPOSED PIPELINE RIGHT-OF-WAY
4+19.68
(Used Pipeline)



Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

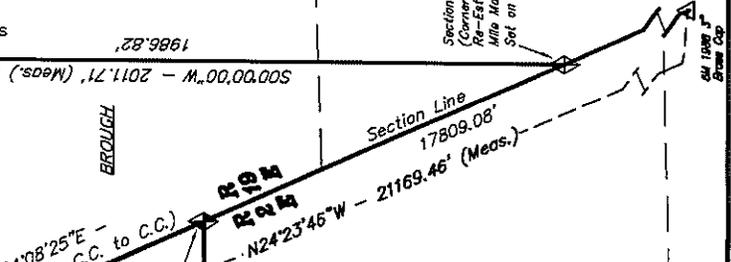
SURVEYED BY: C.D.S.
DRAWN BY: L.C.S.
DATE: 07-26-12
SCALE: 1" = 400'
DWG: 12-0510

Sec. 12

THIS IS TO CERTIFY THAT THE ABOVE 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.

STACY W.
REGISTERED LAND SURVEYOR
REGISTRATION NO. 189377
STATE OF UTAH

Sec. 11



BILL BARRETT CORPORATION

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

(For AURORA #2-12-7-19)

LOCATED IN SECTIONS 11 & 12, T7S, R19E, S.L.B.&M. & SECTION 11, T3S, R2E, U.S.B.&M. UTAH COUNTY, UTAH



BASIS OF BEARINGS

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

RIGHT-OF-WAY LENGTHS

PROPERTY OWNER	FEET	ACRES	RODS
LEVER LTD	455.86	0.314	27.63
RICHARD JAMES BROUGH	2462.97	1.696	149.27
LINDA L.E. HAUSKNECHT	1810.40	1.247	109.72

▲ = SECTION CORNERS LOCATED.
 △ = SECTION CORNERS RE-ESTABLISHED (Not Set on Ground.)



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

UNTAH ENGINEERING & LAND SURVEYING
 86 SOUTH - 200 EAST • (435) 788-1077
 VERNAL, UTAH - 84078

SCALE	DATE
1" = 600'	03-19-12
PARTY	REFERENCES
C.R. S.R. S.F.	G.L.O. PLAT
WEATHER	FILE
COOL	51906

2011 U.E.L.S. Alum. Cop

ROAD RIGHT-OF-WAY DESCRIPTION ON RICHARD JAMES BROUGH 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 SECTION 11, T7S, R19E, S.L.B.&M. WHICH BEARS S23°13'59"E 49.93' FROM THE NORTHWEST CORNER OF SAID SECTION 11, THENCE S89°17'13"E 157.53'; THENCE N89°09'42"E 724.15' TO A POINT ON THE EAST LINE OF SAID SECTION 11 WHICH BEARS SOUTH 45.02' FROM THE NORTHEAST CORNER OF SAID SECTION 11, THENCE N89°09'42"E 122.01'; THENCE S86°44'40"E 197.94'; THENCE S76°34'48"E 180.79'; THENCE S71°47'04"E 203.71'; THENCE S48°37'09"E 187.62'; THENCE S35°47'18"E 439.52'; THENCE S66°42'57"E 108.52'; THENCE S84°18'42"E 141.19' TO A POINT ON THE EAST LINE OF THE NW 1/4 NW 1/4 OF SECTION 12, T7S, R19E, S.L.B.&M. WHICH BEARS S60°57'03"W 1516.35' FROM THE NORTH 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 1.696 ACRES MORE OR LESS.

2011 U.E.L.S. Alum. Cop

ROAD RIGHT-OF-WAY DESCRIPTION ON LEVER LTD LANDS

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

BEGINNING AT A POINT IN SECTION 11, T3S, R2E, U.S.B.&M. WHICH BEARS N73°16'29"W 419.38' FROM THE NORTHWEST CORNER OF SECTION 11, T7S, R19E, S.L.B.&M. THENCE S60°03'20"E 246.96'; THENCE S78°03'00"E 180.80'; THENCE S89°17'13"E 28.09' TO A POINT ON THE EAST LINE OF SAID SECTION 11 WHICH BEARS S23°13'59"E 49.93' FROM THE NORTHWEST CORNER OF SAID SECTION 11, T7S, R19E, S.L.B.&M. 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 0.314 ACRES MORE OR LESS.

SURFACE USE AREA DESCRIPTION

BEGINNING AT A POINT IN THE NE 1/4 NW 1/4 OF SECTION 12, T7S, R19E, S.L.B.&M. WHICH BEARS S30°30'31"E 915.39' FROM THE NORTH 1/4 CORNER OF SAID SECTION 12, THENCE N33°15'37"W 144.78'; THENCE N56°44'23"E 450.00'; THENCE S33°15'37"E 325.00'; THENCE S66°44'23"W 450.00'; THENCE N33°15'37"W 180.22' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 3.357 ACRES MORE OR LESS.

Linda L. E. Hausknecht

Richard James Brough

ROAD RIGHT-OF-WAY DESCRIPTION ON LINDA L. E. HAUSKNECHT 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 NW 1/4 OF SECTION 12, T7S, R19E, S.L.B.&M. WHICH BEARS S60°57'03"W 1516.35' FROM THE NORTH 1/4 CORNER OF SAID SECTION 12, THENCE S84°18'42"E 1287.26'; THENCE N88°15'00"E 239.58'; THENCE N82°10'37"E 212.75'; THENCE N56°38'47"E 70.83' TO A POINT IN THE NW 1/4 NE 1/4 OF SAID SECTION 12 WHICH BEARS S30°30'31"E 915.39' FROM THE NORTH 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 1.247 ACRES MORE OR LESS.

SW Cor. Sec. 12
 Section Corner Re-Established By Mile Markers (Not Set on Ground)

2011 U.E.L.S. Alum. Cop

Sec. 1

1/4 Section Line

2011 U.E.L.S. Alum. Cop

1/16 Section Line

Set Stone

Set Marked Stone

Section Line

NE 1/4

Surface Use Area

Contains 3.357 Acres

END OF PROPOSED ROAD RIGHT-OF-WAY STA. 47+29.23 (At Edge of Surface Use Area)

Rebar

SE 1/4

Sec. 12

SE Cor. Sec. 12, Not

2011 U.E.L.S. Alum. Cop

Sec. 12

Section Line

2011 U.E.L.S. Alum. Cop

Set Stone

Set Marked Stone

Section Line

NE 1/4

Surface Use Area

Contains 3.357 Acres

END OF PROPOSED ROAD RIGHT-OF-WAY STA. 47+29.23 (At Edge of Surface Use Area)

Rebar

SE 1/4

Sec. 12

SE Cor. Sec. 12, Not

2011 U.E.L.S. Alum. Cop

Sec. 12

Section Line

2011 U.E.L.S. Alum. Cop

Set Stone

Set Marked Stone

Section Line

NE 1/4

Surface Use Area

Contains 3.357 Acres

END OF PROPOSED ROAD RIGHT-OF-WAY STA. 47+29.23 (At Edge of Surface Use Area)

Rebar

SE 1/4

Sec. 12

SE Cor. Sec. 12, Not

2011 U.E.L.S. Alum. Cop

Sec. 12

Section Line

2011 U.E.L.S. Alum. Cop

Set Stone

Set Marked Stone

Section Line

NE 1/4

Surface Use Area

Contains 3.357 Acres

END OF PROPOSED ROAD RIGHT-OF-WAY STA. 47+29.23 (At Edge of Surface Use Area)

Rebar

SE 1/4

Sec. 12

SE Cor. Sec. 12, Not

2011 U.E.L.S. Alum. Cop

Sec. 12

Section Line

2011 U.E.L.S. Alum. Cop

Set Stone

Set Marked Stone

Section Line

NE 1/4

Surface Use Area

Contains 3.357 Acres

END OF PROPOSED ROAD RIGHT-OF-WAY STA. 47+29.23 (At Edge of Surface Use Area)

Rebar

SE 1/4

Sec. 12

SE Cor. Sec. 12, Not

2011 U.E.L.S. Alum. Cop

Sec. 12

Section Line

2011 U.E.L.S. Alum. Cop

Set Stone

Set Marked Stone

Section Line

NE 1/4

Surface Use Area

Contains 3.357 Acres

END OF PROPOSED ROAD RIGHT-OF-WAY STA. 47+29.23 (At Edge of Surface Use Area)

Rebar

SE 1/4

Sec. 12

SE Cor. Sec. 12, Not

2011 U.E.L.S. Alum. Cop

Sec. 12

Section Line

2011 U.E.L.S. Alum. Cop

Set Stone

Set Marked Stone

Section Line

NE 1/4

Surface Use Area

Contains 3.357 Acres

END OF PROPOSED ROAD RIGHT-OF-WAY STA. 47+29.23 (At Edge of Surface Use Area)

Rebar

SE 1/4

Sec. 12

SE Cor. Sec. 12, Not

2011 U.E.L.S. Alum. Cop

Sec. 12

Section Line

2011 U.E.L.S. Alum. Cop

Set Stone

Set Marked Stone

Section Line

NE 1/4

Surface Use Area

Contains 3.357 Acres

END OF PROPOSED ROAD RIGHT-OF-WAY STA. 47+29.23 (At Edge of Surface Use Area)

Rebar

SE 1/4

Sec. 12

SE Cor. Sec. 12, Not

2011 U.E.L.S. Alum. Cop

Sec. 12

Section Line

2011 U.E.L.S. Alum. Cop

Set Stone

Set Marked Stone

Section Line

NE 1/4

Surface Use Area

Contains 3.357 Acres

END OF PROPOSED ROAD RIGHT-OF-WAY STA. 47+29.23 (At Edge of Surface Use Area)

Rebar

SE 1/4

Sec. 12

SE Cor. Sec. 12, Not

2011 U.E.L.S. Alum. Cop

Sec. 12

Section Line

2011 U.E.L.S. Alum. Cop

Set Stone

Set Marked Stone

Section Line

NE 1/4

Surface Use Area

Contains 3.357 Acres

END OF PROPOSED ROAD RIGHT-OF-WAY STA. 47+29.23 (At Edge of Surface Use Area)

Rebar

SE 1/4

Sec. 12

SE Cor. Sec. 12, Not

2011 U.E.L.S. Alum. Cop

Sec. 12

Section Line

2011 U.E.L.S. Alum. Cop

Set Stone

Set Marked Stone

Section Line

NE 1/4

Surface Use Area

Contains 3.357 Acres

END OF PROPOSED ROAD RIGHT-OF-WAY STA. 47+29.23 (At Edge of Surface Use Area)

Rebar

SE 1/4

Sec. 12

SE Cor. Sec. 12, Not

2011 U.E.L.S. Alum. Cop

Sec. 12

Section Line

2011 U.E.L.S. Alum. Cop

Set Stone

Set Marked Stone

Section Line

NE 1/4

Surface Use Area

Contains 3.357 Acres

END OF PROPOSED ROAD RIGHT-OF-WAY STA. 47+29.23 (At Edge of Surface Use Area)

Rebar

SE 1/4

Sec. 12

SE Cor. Sec. 12, Not

2011 U.E.L.S. Alum. Cop

Sec. 12

Section Line

2011 U.E.L.S. Alum. Cop

Set Stone

Set Marked Stone

Section Line

NE 1/4

Surface Use Area

Contains 3.357 Acres

END OF PROPOSED ROAD RIGHT-OF-WAY STA. 47+29.23 (At Edge of Surface Use Area)

Rebar

SE 1/4

Sec. 12

SE Cor. Sec. 12, Not

2011 U.E.L.S. Alum. Cop

Sec. 12

Section Line

2011 U.E.L.S. Alum. Cop

Set Stone

Set Marked Stone

Section Line

NE 1/4

Surface Use Area

Contains 3.357 Acres

END OF PROPOSED ROAD RIGHT-OF-WAY STA. 47+29.23 (At Edge of Surface Use Area)

Rebar

RIGHT-OF-WAY AGREEMENT

STATE OF UTAH }
 } SS
COUNTY OF UINTAH }

FOR AND IN CONSIDERATION OF TEN & 00/100ths DOLLARS (\$10.00) and other good and valuable consideration, in hand paid to

Lever, LTD whose address is 29900 St. Andrews Road, Perrysburg, OH 43551

("GRANTOR"), the receipt and sufficiency of which is hereby acknowledged, does hereby grant to Aurora Gathering, LLC ("GRANTEE"), of 1099 18th Street, #2300, Denver, CO 80202, its successors or assigns, a right-of-way to construct, maintain and use a road for the purpose of drilling, operating and maintaining a well or wells for the production of the oil and/or gas, along with the right to lay, construct, maintain, alter, inspect, repair, replace, change the size of, operate, and remove pipelines and from time to time add additional pipelines or multiple pipelines, drips, valves, electrical power lines, whether buried or overhead, cathodic equipment, and all appurtenances convenient for the maintenance and operation of said lines and for the transportation of oil, gas, produced water, or other substances therein, under, on, over and through the premises hereinafter described, and the Grantee is granted the right of ingress and egress, over and across said road and lands for any purpose necessary or incidental to the drilling, operating and maintaining a well or wells owned by Grantee.

The said right-of-way shall be located over and across the following described lands owned by the Grantor in Uintah County, State of Utah, to-wit:

Township 3 South, Range 2 East, USM
Section 11: A tract of land lying in the N/2 of Lot 1

As further described on Exhibit "A" attached hereto and made a part hereof.

To have and to hold said easements, rights, and right-of-way unto the said Grantee, its successors and assigns.

All pipelines installed hereunder shall be buried where practical. Grantor shall not place anything over or so close to any pipeline, road, or other facility of Grantee as will be likely to interfere with Grantee's access thereto by use of equipment of means customarily employed in the maintenance of pipelines. Grantee to pay for all damage to growing crops, drainage tile and fences of Grantor arising out of the construction or repair of any of the pipelines, roads, and facilities herein authorized to be maintained and operated by Grantee. This easement shall not exceed Sixty (60') feet for construction and Fifty (50') feet for the permanent easement. Pipelines and disturbed ground, not in the permanent road easement, to be reseeded at recommended seeding rates per Surface Owner once cleanup is completed.

The foregoing sets out the entire agreement between Grantor and Grantee, and supersedes any prior oral or written agreements or negotiations not set out in writing herein or in the oil and gas lease covering the above described lands. No provisions of this agreement shall be modified, altered or waived except by written amendment executed by the parties or their representatives as set forth below. This agreement shall not act to modify or diminish operator's rights and privileges under any oil and gas leases owned by Operator covering all or any portion of the above described lands.

For the same consideration, the undersigned agree to account to any party who may be entitled to any portion of the aforementioned sum, and to indemnify and hold harmless Aurora Gathering, LLC, its successors and assigns, from any claim by any other party for damages to the above described lands and the improvements and crops and other things situated thereon.

INSERT REASONABLE + ANTICIPATED
Grantor shall be held harmless from any claim or demand made on the grounds of damage to property or injury to or death of persons, arising out of Grantee's exercise of the rights herein granted.

This agreement shall terminate within six (6) months after cessation of use by Grantee. Following completion of the road and installation of power line and pipelines, Grantee agrees to restore the surface of said land as nearly as is reasonably practical to its original condition.

This agreement shall be binding upon the successors and assigns of the parties hereto and shall be deemed to be a covenant running with the lands described above. However, any successor to Grantee's interest is obligated to notify surface owner of new ownership and provide to the surface owner viable contact information.

IN WITNESS WHEREOF, the GRANTOR and GRANTEE herein named have hereunto set their hand and seal this 8 day of May, 2012.

GRANTOR:
Lever, LTD

Jane Ann Spirm
Jane Ann Spirm, Co-Manager

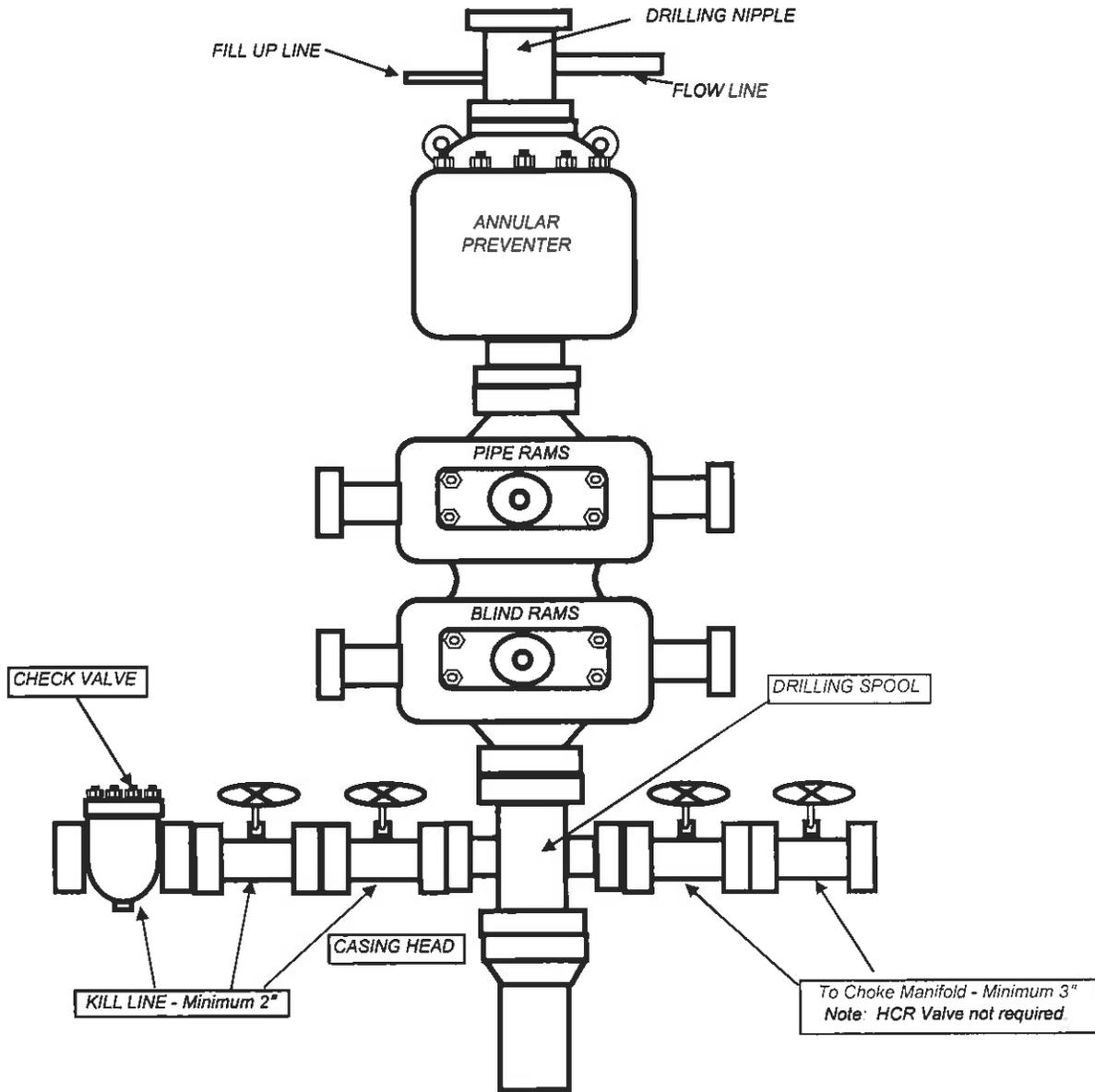
GRANTOR:
Lever, LTD

John K. Lever, Jr.
John K. Lever, Jr., Co-Manager

ETA

BILL BARRETT CORPORATION

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





Bill Barrett Corporation

October 31, 2012

Utah Division of Oil, Gas and Mining
Attention: Dustin Doucet
1594 West North Temple, Suite 1120
Salt Lake City, Utah

RE: Commingling Application
Aurora Deep Unit
Aurora 2-12-7-19
NWNE Section 12 T7S-R19E
Uintah County, UT

Dear Mr. Doucet,

Bill Barrett Corporation has submitted an application to commingle production from the Wasatch and Green River formations in the subject well located in the Aurora Deep Unit. In compliance with Utah OGM regulation R649-3-22, BBC has enclosed copies of the completed application.

Should you require additional information in this regards, please feel free to contact me at 303-299-9935. Your earliest attention to this matter is appreciated.

BILL BARRETT CORPORATION

Brady Riley
for

Thomas J. Abell
Landman

Enclosures



May 3, 2012

Utah Division of Oil, Gas and Mining
Attention: Dustin Doucet
1594 West North Temple, Suite 1120
Salt Lake City, UT 84116

RE: Commingling Notice
Aurora Deep Unit
Aurora 2-12-7-19
NWNE, Section 12 T7S-R19E
Uintah County, Utah

Dear Mr. Doucet,

Bill Barrett Corporation (BBC) has submitted Notices to commingle production from the Wasatch and Green River Formations in the subject well located in the Aurora Unit. There are no other parties to send notifications due to Bill Barrett Corporation owning 100% leasehold in the leases contiguous to the drilling unit.

Should you require additional information in this regards, please feel free to contact me at 303-299-9935. Your earliest attention to this matter is appreciated.

BILL BARRETT CORPORATION

A handwritten signature in blue ink that reads 'Beady Riley' with a small 'Av' written below it.

Thomas J. Abell
Landman

Enclosures



AFFIDAVIT OF NOTICE

My name is Thomas J. Abell. I am a Landman with Bill Barrett Corporation (BBC). BBC has submitted Sundry Notices to commingle production from the Wasatch and Green River formations in the following well within the Aurora Unit:

Aurora 2-12-7-19 NWNE Section 12 T7S-R19E

Bill Barrett Corporation owns 100% Leasehold in lands contiguous to drilling unit and therefore we did not notify any other parties.

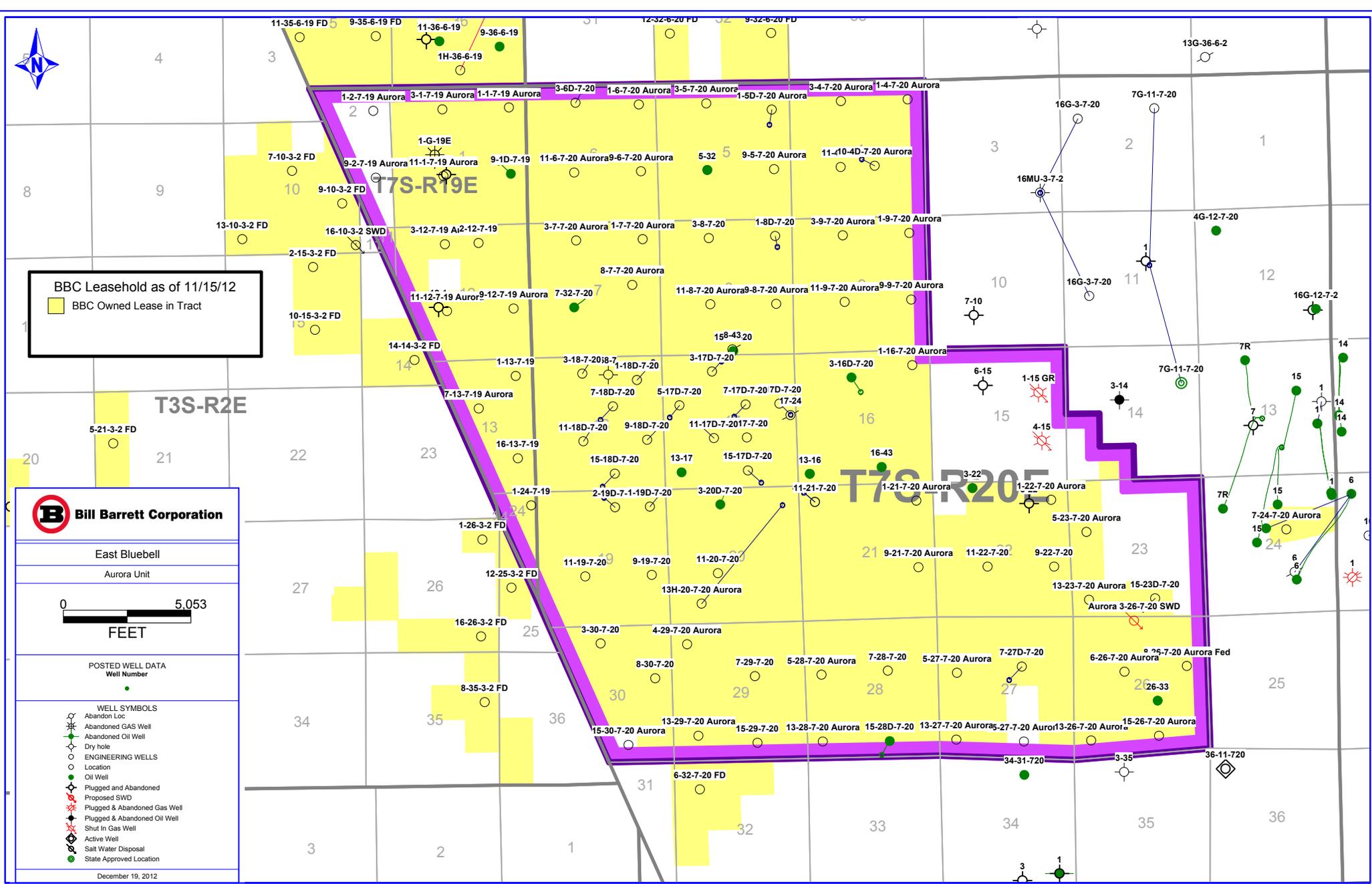
Date: May 3, 2012

Affiant

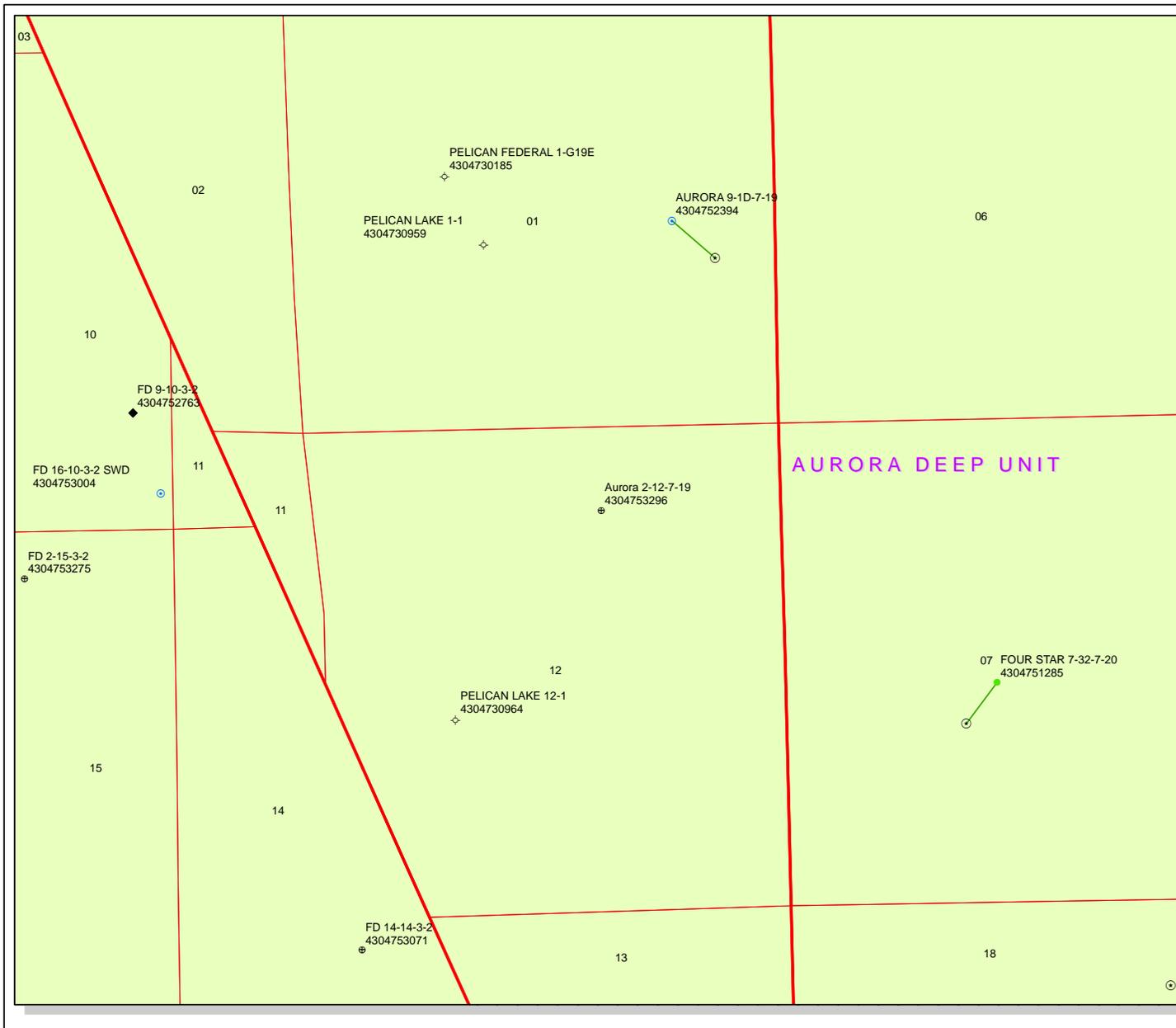
BILL BARRETT CORPORATION

A handwritten signature in blue ink that reads 'Brady Riley' with 'for' written below it.

Thomas J. Abell
Landman



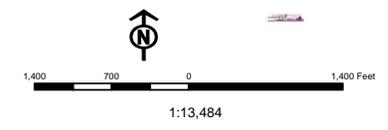
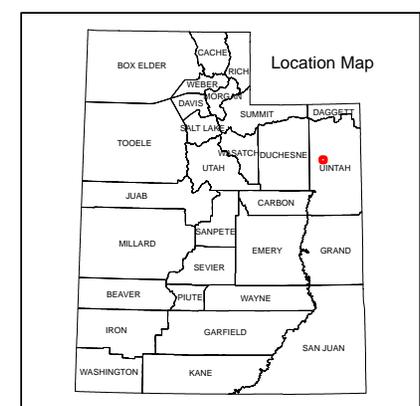
PETRA 12/19/2012 9:26:55 AM



API Number: 4304753296
Well Name: Aurora 2-12-7-19
Township T07.0S Range R19.0E Section 12
Meridian: SLBM
Operator: BILL BARRETT CORP

Map Prepared:
 Map Produced by Diana Mason

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



Well Name	BILL BARRETT CORP Aurora 2-12-7-19 43047532960000			
String	COND	SURF	PROD	
Casing Size(")	16.000	9.625	5.500	
Setting Depth (TVD)	80	1500	9300	
Previous Shoe Setting Depth (TVD)	0	80	1500	
Max Mud Weight (ppg)	8.8	8.8	9.6	
BOPE Proposed (psi)	0	5000	5000	
Casing Internal Yield (psi)	1000	3520	10640	
Operators Max Anticipated Pressure (psi)	4643		9.6	

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

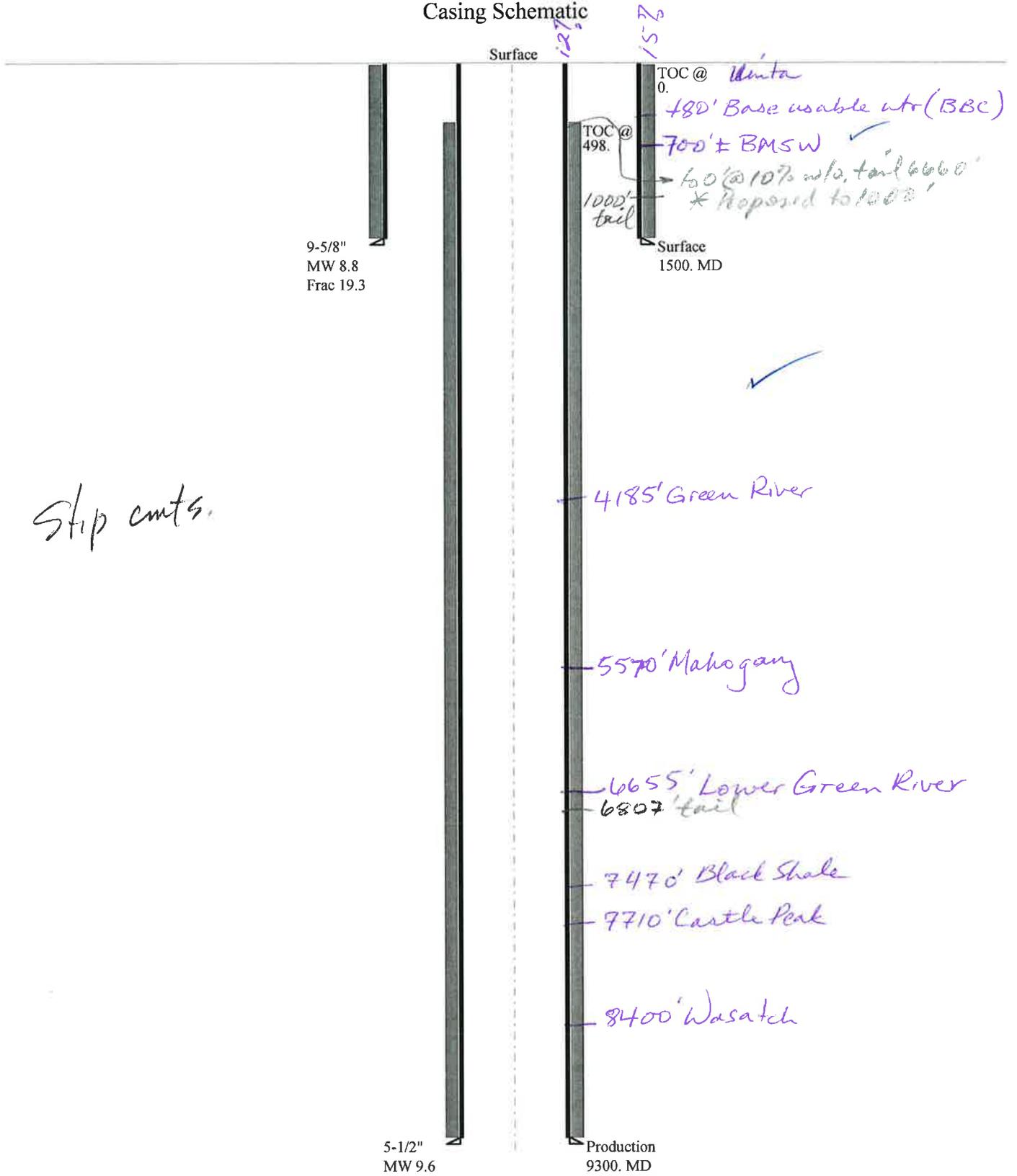
Calculations	SURF String	9.625	"
Max BHP (psi)	.052*Setting Depth*MW=	686	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	506	YES fresh water spud mud
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	356	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	374	NO OK
Required Casing/BOPE Test Pressure=		1500	psi
*Max Pressure Allowed @ Previous Casing Shoe=		80	psi *Assumes 1psi/ft frac gradient

Calculations	PROD String	5.500	"
Max BHP (psi)	.052*Setting Depth*MW=	4643	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3527	YES DAP polymer fluid
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2597	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	2927	NO Reasonable for area
Required Casing/BOPE Test Pressure=		5000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		1500	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

43047532960000 Aurora 2-12-7-19

Casing Schematic



Strip cmts.

9-5/8"
MW 8.8
Frac 19.3

5-1/2"
MW 9.6

Production
9300. MD

TOC @ 0.
180' Base usable wtr (BBC)

TOC @ 498.
700' ± BMSW ✓
100 @ 10% w/o, tail 6660'
* Proposed to 1000'

Surface
1500. MD

4185' Green River

5570' Mahogany

6655' Lower Green River
6807' tail

7470' Black Shale

7710' Castle Peak

8400' Wasatch

Well name:	43047532960000 Aurora 2-12-7-19		
Operator:	BILL BARRETT CORP		
String type:	Surface	Project ID:	43-047-53296
Location:	UINTAH COUNTY		

Design parameters:

Collapse

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

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 95 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 100 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 1,320 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP 1,500 psi

No backup mud specified.

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 buoyed weight.
 Neutral point: 1,305 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 9,300 ft
 Next mud weight: 9.600 ppg
 Next setting BHP: 4,638 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 1,500 ft
 Injection pressure: 1,500 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	1500	9.625	36.00	J-55	ST&C	1500	1500	8.796	13038
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	686	2020	2.946	1500	3520	2.35	47	394	8.39 J

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

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

Date: December 19, 2012
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 1500 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.

Well name:	43047532960000 Aurora 2-12-7-19		
Operator:	BILL BARRETT CORP		
String type:	Production	Project ID:	43-047-53296
Location:	UINTAH COUNTY		

Design parameters:**Collapse**

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

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 204 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 498 ft

Burst

Max anticipated surface pressure: 2,592 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 4,638 psi

No backup mud specified.

Tension:

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

Tension is based on air weight.

Neutral point: 7,946 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	9300	5.5	17.00	P-110	LT&C	9300	9300	4.767	61257
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	4638	7480	1.613	4638	10640	2.29	158.1	445	2.81 J

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

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

Date: December 19, 2012
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 9300 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 Aurora 2-12-7-19
API Number 43047532960000 **APD No** 7071 **Field/Unit** WILDCAT
Location: 1/4,1/4 NWNE **Sec** 12 **Tw** 7.0S **Rng** 19.0E 700 FNL 1980 FEL
GPS Coord (UTM) 608148 4454108 **Surface Owner** Linda Hausknecht

Participants

Jim Burns (permit contractor), Kary Eldredge (BBC), Cody Rich (surveyor), Whitney Fox (wetlands)

Regional/Local Setting & Topography

This proposed well site lies approximately 1/3 mile north of 4500 south which is the road from the Pelican Lake area to Randlett. Pelican Lake is approximately 3 miles to the south east. The location area is quite flat and no drainages are affected by this location.

Surface Use Plan

Current Surface Use

Grazing

New Road Miles

0.9

Well Pad

Width 275 **Length** 400

Src Const Material

Offsite

Surface Formation

UNTA

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Sage, rabbit brush

Soil Type and Characteristics

Sandy clay loam

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required? N

Berm Required? N

Erosion Sedimentation Control Required? N

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

Reserve Pit

Site-Specific Factors

Site Ranking

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

Final Score

Sensitivity Level

Characteristics / Requirements

The reserve pit is proposed in a cut stable location. Dimensions are 235 x 70 x 8ft. Bill Barrett representative Kary Eldredge stated that a 20 mil reserve pit liner and felt subliner is used on all BBC locations as standard equipment. This liner program appears adequate for this location.

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

Other Observations / Comments

Richard Powell
Evaluator

11/20/2012
Date / Time

**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
7071	43047532960000	LOCKED	OW	P	No
Operator	BILL BARRETT CORP		Surface Owner-APD	Linda Hausknecht	
Well Name	Aurora 2-12-7-19		Unit		
Field	WILDCAT		Type of Work	DRILL	
Location	NWNE 12 7S 19E S 700 FNL (UTM) 608147E 4454049N		1980 FEL GPS Coord		

Geologic Statement of Basis

Bill Barrett proposes to set 80 feet of conductor and 1,500 feet of surface pipe, cemented to surface. The conductor and surface hole will be drilled with fresh water mud. The depth to the base of the moderately saline water at this location is estimated to be at approximately 700 feet. A search of Division of Water Rights records shows 1 water well within a 10,000 foot radius of the proposed location. This well is more than 3/4 mile from the proposed location with a depth of 16 feet. The well is listed for domestic use and probably produces from alluvial sediments.. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. Wells in the alluvial sediments are probably a more significant source of ground water. The proposed casing and cement should adequately protect any useable ground water.

Brad Hill
APD Evaluator

12/18/2012
Date / Time

Surface Statement of Basis

This proposed well is on fee surface with fee minerals. The surface owners are siblings and are also the mineral owners. I spoke to two of the owners Linda Hausknecht and Vicky Roskelley who are sisters. Both women stated that they have no concerns with the well and in fact are happy to have the well going in. Mrs. Roskelley stated that she and Linda had been in contact with their brother and he is pleased to see the well going in also. According to Kary Eldredge of Bill Barrett Corp a 20 mil liner will be used on this location. This liner appears to be adequate for the site. The site is generally flat and no drainages are effected. This appears to be a good site for placement of this well.

Richard Powell
Onsite Evaluator

11/20/2012
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 reserve pit shall be fenced upon completion of drilling operations.

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/1/2012

API NO. ASSIGNED: 43047532960000

WELL NAME: Aurora 2-12-7-19

OPERATOR: BILL BARRETT CORP (N2165)

PHONE NUMBER: 303 312-8115

CONTACT: Brady Riley

PROPOSED LOCATION: NWNE 12 070S 190E

Permit Tech Review:

SURFACE: 0700 FNL 1980 FEL

Engineering Review:

BOTTOM: 0700 FNL 1980 FEL

Geology Review:

COUNTY: UINTAH

LATITUDE: 40.22990

LONGITUDE: -109.72879

UTM SURF EASTINGS: 608147.00

NORTHINGS: 4454049.00

FIELD NAME: WILDCAT

LEASE TYPE: 4 - Fee

LEASE NUMBER: fee

PROPOSED PRODUCING FORMATION(S): 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: 49-2336
- RDCC Review: 2013-02-06 00:00:00.0
- Fee Surface Agreement
- Intent to Commingle

Commingle Approved

LOCATION AND SITING:

- R649-2-3.
- Unit:
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: R649-3-2
- Effective Date:
- Siting:
- R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 3 - Commingle - ddoucet
 5 - Statement of Basis - bhill
 12 - Cement Volume (3) - hmacdonald
 21 - RDCC - dmason
 23 - Spacing - dmason
 25 - Surface Casing - hmacdonald



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Aurora 2-12-7-19
API Well Number: 4304753296000
Lease Number: fee
Surface Owner: FEE (PRIVATE)
Approval Date: 2/6/2013

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 R649-3-2. The expected producing formation or pool is the 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

Commingle:

Administrative approval for commingling the production from the Wasatch formation and the Green River formation in this well is hereby granted. Appropriate information has been submitted to DOGM in accordance with R649-3-22. No written objections from owners were received by DOGM.

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:

The Application for Permit to Drill has been forwarded to the Resource Development Coordinating Committee for review of this action. The operator will be required to comply with any applicable recommendations resulting from this review. (See attached)

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled,

completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

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

Cement volume for the 5 1/2 production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 1000' MD as indicated in the submitted drilling plan.

Surface casing shall be cemented to the surface.

Additional Approvals:

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

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

Notification Requirements:

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

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

Contact Information:

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

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

Reporting Requirements:

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

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

Approved By:

A handwritten signature in black ink, appearing to read "John Rogers", written over a faint, illegible printed name.

For John Rogers
Associate Director, Oil & Gas

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
1. TYPE OF WELL Oil Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP	7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	8. WELL NAME and NUMBER: Aurora 2-12-7-19
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0700 FNL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 12 Township: 07.0S Range: 19.0E Meridian: S	9. API NUMBER: 43047532960000
PHONE NUMBER: 303 312-8164 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
COUNTY: UINTAH	STATE: UTAH

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

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

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

BBC is submitting this sundry to request permission to change the production hole size from 8-3/4" to 7-7/8". Surface hole and casing size, production casing size, and the TD will remain the same as original permitted. Please see the attached revised drilling plan and cement calculator. Please contact Brady Riley at 303-312-8115 with any questions in regard to the proposed change.

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

Date: March 05, 2013

By: *DeKQ*

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 2/27/2013	

BILL BARRETT CORPORATION
DRILLING PLAN REVISED

Aurora 2-12-7-19

NWNE, 700' FNL and 1980' FEL, Section 12, T7S-R19E, SLB&M (surface hole)

NWNE, 700' FNL and 1980' FEL, Section 12, T7S-R19E, SLB&M (bottom hole)

Uintah County, Utah

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

Formation	Depth – MD/TVD
Green River	4185'
Mahogany	5570'
Lower Green River*	6655'
Black Shale	7470'
Castle Peak	7710'
Wasatch*	8400'
TD	9300'

*PROSPECTIVE PAY

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

Base of Useable Water = 480'

3. BOP and Pressure Containment Data

Depth Intervals	BOP Equipment
0 – 1500'	No pressure control required
1500' – 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		Casing Size	Casing Weight	Casing Grade	Thread	Condition
	(FROM)	(TO)					
26"	Surface	80'	16"	65#			
12 1/4"	Surface	1500'	9 5/8"	36#	J or K 55	ST&C	New
7 7/8"	Surface	TD	5 1/2"	17#	P-110	LT&C	New

*The casing program is based on recent wells drilled by Axia in the immediate area.

9-5/8" casing may be preset with a spudder rig. If this occurs, the following equipment shall be in place and operational during air/gas drilling:

Bill Barrett Corporation
 Drilling Program **REVISED**
 Aurora #2-12-7-19
 Uintah County, Utah

- Properly lubricated and maintained rotating head
- Spark arresters on engines or water cooled exhaust
- Blooie line discharge 100 feet from well bore and securely anchored
- Straight run on blooie line unless otherwise approved
- Deduster equipment
- All cuttings and circulating medium shall be directed into a reserve or blooie pit
- Float valve above bit
- Automatic igniter or continuous pilot light on the blooie line
- Compressors located in the opposite direction from the blooie line a minimum of 100 feet from the well bore
- Mud circulating equipment, water, and mud materials (does not have to be premixed) sufficient to maintain the capacity of the hole and circulating tanks or pits

5. **Cementing Program**

16" Conductor Casing	Grout
9 5/8" Surface Casing	Lead: 190 sx Halliburton Light Premium with additives mixed at 11.0 ppg (yield = 3.16 ft ³ /sx) circulated to surface with 75% excess. TOC @ Surface Tail: 210 sx Halliburton Premium Plus cement with additives mixed at 14.8 ppg (yield = 1.36 ft ³ /sx), calculated hole volume with 75% excess. TOC @ 1,000'
5 1/2" Production Casing	Lead: 680 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft ³ /sx). TOC @ 1,000' Tail: 440 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 @ 6970'

6. **Mud Program**

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss (API filtrate)</u>	<u>Remarks</u>
0' – 80'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
80' – 1500'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
1500' – 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.

Bill Barrett Corporation
Drilling Program **REVISED**
Aurora #2-12-7-19
Uintah County, Utah

8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 4643 psi* and maximum anticipated surface pressure equals approximately 2597 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

**Maximum surface pressure = A - (0.22 x TD)

9. Auxiliary Equipment

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

10. Location and Type of Water Supply

Water for the drilling and completion will be trucked from the Green River located in Sec. 33, T8S-R20E.

11. Drilling Schedule

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



Bill Barrett Corporation

AURORA CEMENT VOLUMES

Well Name: Aurora 2-12-7-19

Surface Hole Data:

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

Calculated Data:

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

Cement Data:

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

Calculated # of Sacks:

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

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

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

Production Hole Data:

Total Depth:	9,300'
Top of Cement:	1,000'
Top of Tail:	6,970'
OD of Hole:	7.875"
OD of Casing:	5.500"

Calculated Data:

Lead Volume:	1551.5	ft ³
Lead Fill:	5,970'	
Tail Volume:	605.6	ft ³
Tail Fill:	2,330'	

Cement Data:

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

Calculated # of Sacks:

# SK's Lead:	680
# SK's Tail:	440

Aurora 2-12-7-19 Proposed Cementing Program
--

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

<u>Job Recommendation</u>	<u>Production Casing</u>
Lead Cement - (6970' - 1000')	
Tuned Light™ System	Fluid Weight: 11.0 lbm/gal
	Slurry Yield: 2.31 ft ³ /sk
	Total Mixing Fluid: 10.65 Gal/sk
	Top of Fluid: 1,000'
	Calculated Fill: 5,970'
	Volume: 276.31 bbl
	Proposed Sacks: 680 sks
Tail Cement - (9300' - 6970')	
Econocem™ System	Fluid Weight: 13.5 lbm/gal
0.125 lbm/sk Poly-E-Flake	Slurry Yield: 1.42 ft ³ /sk
1.0 lbm/sk Granulite TR 1/4	Total Mixing Fluid: 6.61 Gal/sk
	Top of Fluid: 6,970'
	Calculated Fill: 2,330'
	Volume: 107.85 bbl
	Proposed Sacks: 440 sks

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:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: Aurora 2-12-7-19
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43047532960000
PHONE NUMBER: 303 312-8134 Ext		9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0700 FNL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 12 Township: 07.0S Range: 19.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 12/5/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="confidential status"/>

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

BBC is requesting this well be placed in confidential status.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
December 12, 2013**

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 12/5/2013	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: fee
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: Aurora 2-12-7-19
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 4304753296000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0700 FNL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 12 Township: 07.0S Range: 19.0E Meridian: S	9. FIELD and POOL or WILDCAT: WILDCAT
	COUNTY: UINTAH
	STATE: UTAH

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

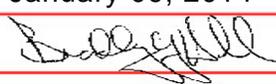
TYPE OF SUBMISSION	TYPE OF ACTION		
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<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/>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

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

BBC request a one year extension for subject APD

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

Date: January 09, 2014

By: 

NAME (PLEASE PRINT) Christina Hirtler	PHONE NUMBER 303 312-8597	TITLE Administrative Assistant
SIGNATURE N/A	DATE 1/8/2014	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047532960000

API: 43047532960000

Well Name: Aurora 2-12-7-19

Location: 0700 FNL 1980 FEL QTR NWNE SEC 12 TWP 070S RNG 190E MER S

Company Permit Issued to: BILL BARRETT CORP

Date Original Permit Issued: 2/6/2013

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

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

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

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

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

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

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

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

Signature: Christina Hirtler

Date: 1/8/2014

Title: Administrative Assistant Representing: BILL BARRETT CORP

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: fee
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PHONE NUMBER: 303 312-8134 Ext	9. FIELD and POOL or WILDCAT: MOFFAT CANAL
COUNTY: UINTAH	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/5/2014	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
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	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
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	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

ATTACHED PLEASE FIND THE REVISED DRILLING PLAN FOR THIS WELL, CHANGING THE SURFACE CASING SET DEPTH AND SIZE TO 8-5/8 INCH AT 1200 FEET, ALONG WITH THE PRODUCTION CASING TYPE (I80) AND THE PRODUCTION TAIL TOP OF CEMENT. THESE CHANGES ALSO ADJUSTED THE AMOUNT OF CEMENT USED. PLEASE CONTACT BRADY RILEY AT 303-312-8115 WITH QUESTIONS.

Approved by the
 August 15, 2014
 Oil, Gas and Mining

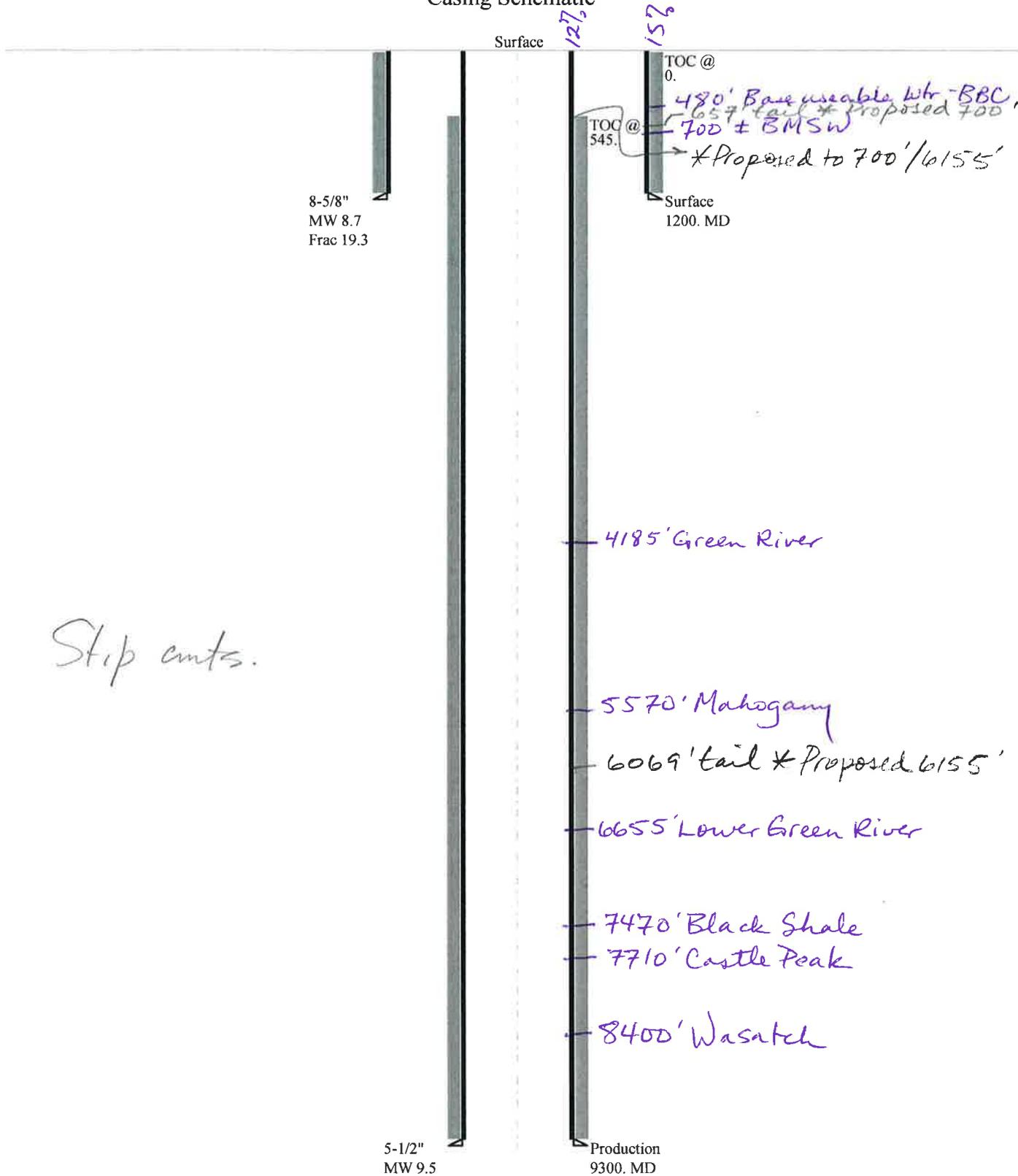
Date: _____

By: Dr. K. Quist

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 8/5/2014	

43047532960000 Aurora 2-12-7-19REV

Casing Schematic



Strip cmts.

Well name:	43047532960000 Aurora 2-12-7-19REV		
Operator:	BILL BARRETT CORP		
String type:	Surface	Project ID:	43-047-53296
Location:	UINTAH COUNTY		

Design parameters:**Collapse**

Mud weight: 8.700 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 91 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 1,056 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 1,200 psi

No backup mud specified.

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 buoyed weight.
Neutral point: 1,043 ft

Non-directional string.**Re subsequent strings:**

Next setting depth: 9,300 ft
Next mud weight: 9.500 ppg
Next setting BHP: 4,590 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 1,200 ft
Injection pressure: 1,200 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	1200	8.625	24.00	J-55	ST&C	1200	1200	7.972	6178
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	542	1370	2.526	1200	2950	2.46	25	244	9.74 J

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

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

Date: August 14, 2014
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 1200 ft, a mud weight of 8.7 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

Well name:	4304753296000 Aurora 2-12-7-19REV		
Operator:	BILL BARRETT CORP		
String type:	Production	Project ID:	43-047-53296
Location:	UINTAH COUNTY		

Design parameters:**Collapse**

Mud weight: 9.500 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 2,544 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 4,589 psi

No backup mud specified.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Tension:

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

Tension is based on air weight.
Neutral point: 7,960 ft

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 204 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 545 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	9300	5.5	17.00	I-80	LT&C	9300	9300	4.767	104343
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	4589	6290	1.371	4589	7740	1.69	158.1	320	2.02 J

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

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

Date: August 14, 2014
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 9300 ft, a mud weight of 9.5 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.

BOPE REVIEW Bill Barrett Aurora 2-12-7-19rev API 43-047-53296-0000

INPUT

Well Name Bill Barrett Aurora 2-12-7-19rev API 43-047-53296-0000

	String 1	String 2
Casing Size (")	8 5/8	5 1/2
Setting Depth (TVD)	1200	9300
Previous Shoe Setting Depth (TVD)	0	1200
Max Mud Weight (ppg)	8.8	9.5
BOPE Proposed (psi)	5000	5000
Casing Internal Yield (psi)	4594	7740
Operators Max Anticipated Pressure (psi)	4594	9.5 ppg

Calculations

	String 1	String 2
Max BHP [psi]	.052*Setting Depth*MW = 549	8 5/8 " 549
BOPE Adequate For Drilling And Setting Casing at Depth?	YES	YES
air/mist/spud mud	YES	YES
Pressure At Previous Shoe	Max BHP - (0.12*Setting Depth) = 405	285
Required Casing/BOPE Test Pressure	Max BHP - (0.22*Setting Depth) = 285	285
Max Pressure Allowed @ Previous Casing Shoe =	Pressure At Previous Shoe	Max BHP - .22(Setting Depth - Previous Shoe Depth) = 285
		1200 psi
		0 psi
		*Assumes 1psi/ft frac gradient

Calculations

	String 2	String 1
Max BHP [psi]	.052*Setting Depth*MW = 4594	5 1/2 " 4594
BOPE Adequate For Drilling And Setting Casing at Depth?	YES	YES
5M w/annular, drilling spool, dbl rams, choke & kill lines	YES	YES
Pressure At Previous Shoe	Max BHP - (0.12*Setting Depth) = 3478	2812
Required Casing/BOPE Test Pressure	Max BHP - (0.22*Setting Depth) = 2548	5000 psi
Max Pressure Allowed @ Previous Casing Shoe =	Pressure At Previous Shoe	Max BHP - .22(Setting Depth - Previous Shoe Depth) = 2812
		1200 psi
		*Assumes 1psi/ft frac gradient

BILL BARRETT CORPORATION
DRILLING PLAN REVISED

Aurora 2-12-7-19

NWNE, 700' FNL and 1980' FEL, Section 12, T7S-R19E, SLB&M (surface hole)

NWNE, 700' FNL and 1980' FEL, Section 12, T7S-R19E, SLB&M (bottom hole)

Uintah County, Utah

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

Formation	Depth – MD/TVD
Green River	4185'
Mahogany	5570'
Lower Green River*	6655'
Black Shale	7470'
Castle Peak	7710'
Wasatch*	8400'
TD	9300'

*PROSPECTIVE PAY

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

Base of Useable Water = 480'

3. BOP and Pressure Containment Data

Depth Intervals	BOP Equipment
0 – 1200'	No pressure control required (may pre-set 8-5/8" with smaller rig)*
1200' – 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.	

*See Appendix A

4. Casing Program

Hole Size	SETTING DEPTH		Casing Size	Casing Weight	Casing Grade	Thread	Condition
	(FROM)	(TO)					
26"	Surface	80'	16"	65#			
12 1/4"	Surface	1200'	8 5/8"	24#	J-55	ST&C	New
7 7/8"	Surface	TD	5 1/2"	17#	P-110/I-80	LT&C	New

Bill Barrett Corporation
 Drilling Program
 Aurora 2-12-7-19
 Uintah County, Utah

5. Cementing Program

16" Conductor Casing	Grout
8 5/8" Surface Casing	Lead: 170 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: 270 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 1/2" Production Casing	Lead: 620 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft ³ /sx). TOC @ 700' Tail: 590 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 @ 6155'

6. Mud Program

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u> <u>(API filtrate)</u>	<u>Remarks</u>
0' – 1200'	8.3 – 8.7	26 – 36	NC	Air/Mist/Freshwater Spud Mud Fluid System
1200' – 5500'	9.2 - 9.4	26 – 36	NC	Freshwater Spud Mud Fluid System
5500' – TD	9.4 - 9.5	42 – 56	25 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 4594 psi* and maximum anticipated surface pressure equals 2548 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

**Maximum surface pressure = A – (0.22 x TD)

Bill Barrett Corporation
Drilling Program
Aurora 2-12-7-19
Uintah 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 from:
43-2505, (t37379): McKinnon Ranch Properties, LC
43-12345 (F78949): Dale Anderson
43-10664 (A38472): W. E. Gene Brown
49-1645 (A35800): RN Industries, Inc.
49-2336 (t78808): RN Industries, Inc.
43-8496 (A53617): A-1 Tank Rental
43-10288 (A65273): Nile Chapman (RNI)
49-2247 (F76893): Magnum Water Service
43-8875 (t38762): Four Star Ranch (c/o David Yeman)

11. Drilling Schedule

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

12. Appendix A

8-5/8" casing may be preset with a spudder rig. If this occurs, the following equipment shall be in place and operational during air/gas drilling:

- Properly lubricated and maintained rotating head
- Spark arresters on engines or water cooled exhaust
- Blooie line discharge 100 feet from well bore and securely anchored
- Straight run on blooie line unless otherwise approved
- Deduster equipment
- All cuttings and circulating medium shall be directed into a reserve or blooie pit
- Float valve above bit
- Automatic igniter or continuous pilot light on the blooie line
- Compressors located in the opposite direction from the blooie line on the rig
- Mud circulating equipment, water, and mud materials (does not have to be premixed) sufficient to maintain the capacity of the hole and circulating tanks or pits



Bill Barrett Corporation

AURORA CEMENT VOLUMES

Well Name: Aurora 2-12-7-19

Surface Hole Data:

Total Depth:	1,200'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	8.625"

Calculated Data:

Lead Volume:	505.6	ft ³
Lead Fill:	700'	
Tail Volume:	361.1	ft ³
Tail Fill:	500'	

Cement Data:

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

Calculated # of Sacks:

SK's Lead: **170**

Tail Yield:	1.36	ft ³ /sk
% Excess:	75%	
Top of Tail:	700'	

SK's Tail: **270**

Production Hole Data:

Total Depth:	9,300'
Top of Cement:	700'
Top of Tail:	6,155'
OD of Hole:	7.875"
OD of Casing:	5.500"

Calculated Data:

Lead Volume:	1417.6	ft ³
Lead Fill:	5,455'	
Tail Volume:	817.4	ft ³
Tail Fill:	3,145'	

Cement Data:

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

Calculated # of Sacks:

SK's Lead: **620**

SK's Tail: **590**

Aurora 2-12-7-19 Proposed Cementing Program
--

<u>Job Recommendation</u>	<u>Surface Casing</u>
Lead Cement - (700' - 0')	
Halliburton Light Premium	Fluid Weight: 11.0 lbm/gal
5.0 lbm/sk Silicalite Compacted	Slurry Yield: 3.16 ft ³ /sk
0.25 lbm/sk Kwik Seal	Total Mixing Fluid: 19.48 Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid: 0'
2.0% Bentonite	Calculated Fill: 700'
	Volume: 90.04 bbl
	Proposed Sacks: 170 sks
Tail Cement - (TD - 700')	
Premium Cement	Fluid Weight: 14.8 lbm/gal
2.0% Calcium Chloride	Slurry Yield: 1.36 ft ³ /sk
	Total Mixing Fluid: 6.37 Gal/sk
	Top of Fluid: 700'
	Calculated Fill: 500'
	Volume: 64.32 bbl
	Proposed Sacks: 270 sks

<u>Job Recommendation</u>	<u>Production Casing</u>
Lead Cement - (6155' - 700')	
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: 700'
	Calculated Fill: 5,455'
	Volume: 252.47 bbl
	Proposed Sacks: 620 sks
Tail Cement - (9300' - 6155')	
Econocem™ System	Fluid Weight: 13.5 lbm/gal
0.125 lbm/sk Poly-E-Flake	Slurry Yield: 1.42 ft ³ /sk
1.0 lbm/sk Granulite TR 1/4	Total Mixing Fluid: 6.61 Gal/sk
	Top of Fluid: 6,155'
	Calculated Fill: 3,145'
	Volume: 145.57 bbl
	Proposed Sacks: 590 sks

PRESSURE CONTROL EQUIPMENT – Schematic Attached

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

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

B. Pressure Rating: 5,000 psi

C. Testing Procedure:

Annular Preventer

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

At a minimum the above pressure test will be performed:

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

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

Blow-Out Preventer

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

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

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

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

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

D. Choke Manifold Equipment:

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

E. Accumulator:

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

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

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

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

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

F. Miscellaneous Information:

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

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

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:	
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: Aurora 2-12-7-19	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43047532960000	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0700 FNL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 12 Township: 07.0S Range: 19.0E Meridian: S		9. FIELD and POOL or WILDCAT: MOFFAT CANAL	
		COUNTY: UINTAH	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 9/11/2014 <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
This well was spud on 9/11/2014 at 8:00 am by Triple A Drilling; Rig #TA 4037, Type Soilmec SR/30. Continuous drilling is planned to commence on 10/20/2014.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY September 12, 2014			
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst	
SIGNATURE N/A		DATE 9/11/2014	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: fee	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
		7. UNIT or CA AGREEMENT NAME:	
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: Aurora 2-12-7-19	
2. NAME OF OPERATOR: BILL BARRETT CORP		9. API NUMBER: 43047532960000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext	9. FIELD and POOL or WILDCAT: MOFFAT CANAL	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0700 FNL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 12 Township: 07.0S Range: 19.0E Meridian: S		COUNTY: UINTAH	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 9/30/2014	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
Attached is the September 2014 Drilling Activity for this well.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 03, 2014			
NAME (PLEASE PRINT) Christina Hirtler	PHONE NUMBER 303 312-8597	TITLE Administrative Assistant	
SIGNATURE N/A		DATE 10/2/2014	

**Aurora 02-12-7-19 9/18/2014 18:00 - 9/19/2014 06:00**

API 43-047-53296	State/Province UT	County Uintah	Field Name Aurora	Well Status COMPLETION	Total Depth (ftKB) 8,400.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
18:00	12.00	06:00	1	RIGUP & TEARDOWN	RDRT. Prep to move 13.5 miles f/FD 5-17D-2-2.

Aurora 02-12-7-19 9/19/2014 06:00 - 9/20/2014 06:00

API 43-047-53296	State/Province UT	County Uintah	Field Name Aurora	Well Status COMPLETION	Total Depth (ftKB) 8,400.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	18.00	00:00	1	RIGUP & TEARDOWN	RURT.
00:00	2.50	02:30	14	NIPPLE UP B.O.P	NU diverter, flowline.
02:30	3.50	06:00	20	DIRECTIONAL WORK	PU dir tools, scribe mm.

Aurora 02-12-7-19 9/20/2014 06:00 - 9/21/2014 06:00

API 43-047-53296	State/Province UT	County Uintah	Field Name Aurora	Well Status COMPLETION	Total Depth (ftKB) 8,400.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	7	LUBRICATE RIG	Rig Service.
06:30	4.50	11:00	8	REPAIR RIG	Replace boom cylinder.
11:00	9.50	20:30	2	DRILL ACTUAL	Spud well @ 11:00. Steerable drlg 80' - 1235'. Wob 29k, spp 1500 psi, dp 350 psi, rpm 75/102, 600 gpm, rop 122 fph.
20:30	0.50	21:00	5	COND MUD & CIRC	Sweep hole, C&C f/ST.
21:00	2.50	23:30	6	TRIPS	ST to 8" DCs.
23:30	0.50	00:00	5	COND MUD & CIRC	Sweep hole, C&C f/toh.
00:00	3.00	03:00	6	TRIPS	Toh f/ csg. LD dir tools.
03:00	3.00	06:00	12	RUN CASING & CEMENT	RU and run 8 5/8" csg.

Aurora 02-12-7-19 9/21/2014 06:00 - 9/22/2014 06:00

API 43-047-53296	State/Province UT	County Uintah	Field Name Aurora	Well Status COMPLETION	Total Depth (ftKB) 8,400.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	12	RUN CASING & CEMENT	Finish running 8 5/8" 24# J-55 ST&C csg as follows: Flt shoe, 1 jt csg, flt collar, 27 jts csg. Tag bottom @ 1235'.
08:00	1.50	09:30	5	COND MUD & CIRC	C&C f/cement, reciprocate pipe.
09:30	2.00	11:30	12	RUN CASING & CEMENT	Hsm. RU HES, cement well as follows: Pressure test to 5000 psi, pump 20 bbl h2o spacer, 40 bbl superflush @ 10 ppg, 20 bbl h2o spacer, 90 bbls lead (160 sx) Econocem @ 11 ppg, 3.16 yld, 19.43 gps h2o. Tail in with 67 bbls (275 sx) Expandacem cmt @ 14.8 ppg, 1.37 yld, 6.62 gps h2o. Displaced w/76 bbls h2o. Max press 380 psi, bump plug to 800 psi. Full returns, 30 bbls cmt to surface. BLM and UDOGM notified 9-19-14 @ 09:00 of csg run.
11:30	1.50	13:00	12	RUN CASING & CEMENT	Run 100' 1" pipe down annulus, pump 50 sx (10.6 bbls) Halcem @ 15.8 ppg, 1.19 yld, 5.22 gps h2o. Hole stood full, RD HES.
13:00	3.00	16:00	13	WAIT ON CEMENT	Drain and flush stack. W.O.C.
16:00	2.00	18:00	21	OPEN	Cut off conductor, surf csg. Weld on 11" 5M X 8 5/8" SOW casing head.
18:00	3.00	21:00	14	NIPPLE UP B.O.P	NUBOPE.
21:00	4.00	01:00	15	TEST B.O.P	HSM. Test BOP with B&C Quick Test. Test pipe rams, blind rams, fosv, inside bop, choke line & valves, choke manifold, kill line, inside & outside valve, hcr, manual valve @ 5000 psi high f/10 min, annular @ 1500 psi f/10 min high, csg @ 1500 psi f/30 min - accumulator function test. Notified BLM and UDOGM 9-19-14 @ 09:00 of BOP test.
01:00	0.50	01:30	21	OPEN	Install wear bushing.
01:30	2.00	03:30	20	DIRECTIONAL WORK	PU mm, bit, dir tools. Scribe mm.
03:30	2.50	06:00	6	TRIPS	Tih. Tag cmt @ 1180'.

Aurora 02-12-7-19 9/22/2014 06:00 - 9/23/2014 06:00

API 43-047-53296	State/Province UT	County Uintah	Field Name Aurora	Well Status COMPLETION	Total Depth (ftKB) 8,400.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	21	OPEN	Drill cmt, flt equip, 20' new hole to 1255'.



Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:30	0.50	07:00	21	OPEN	F.I.T. to 137 psi f/10.5 EMW.	
07:00	10.50	17:30	2	DRILL ACTUAL	Steerable drlg 1255' - 3465'. Spp 2400 psi, dp 350 psi, rpm 50-65/80-94, gpm 555, wob 20k, rop 210 fph. Spud prod @ 07:00.	
17:30	0.50	18:00	7	LUBRICATE RIG	Rig Service.	
18:00	11.50	05:30	2	DRILL ACTUAL	Steerable drlg 3465' - 4811'. Spp 2000 psi, dp 250 psi, rpm 50-65/80, gpm 455, wob 25k, rop 117 fph.	
05:30	0.50	06:00	7	LUBRICATE RIG	Rig Service.	

Aurora 02-12-7-19 9/23/2014 06:00 - 9/24/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-53296	UT	Uintah	Aurora	COMPLETION	8,400.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	11.50	17:30	2	DRILL ACTUAL	Steerable drlg 4811' - 5455'. Spp 2300 psi, dp 250 psi, rpm 50-65/78, gpm 465, wob 25k, rop 56 fph. BOP drill daylight.	
17:30	0.50	18:00	7	LUBRICATE RIG	Rig Service.	
18:00	11.50	05:30	2	DRILL ACTUAL	Steerable drlg 5455' - 6187'. Spp 2300 psi, dp 250 psi, rpm 50-65/78, gpm 465, wob 25k, rop 64 fph. BOP drill morning tour.	
05:30	0.50	06:00	7	LUBRICATE RIG	Rig Service.	

Aurora 02-12-7-19 9/24/2014 06:00 - 9/25/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-53296	UT	Uintah	Aurora	COMPLETION	8,400.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	23.50	05:30	2	DRILL ACTUAL	Steerable drlg 6187' - 7440'. Spp 2300 psi, dp 250 psi, rpm 50-65/78, gpm 465, wob 25k, rop 53 fph. BOP drill morning tour.	
05:30	0.50	06:00	7	LUBRICATE RIG	Rig Service.	

Aurora 02-12-7-19 9/25/2014 06:00 - 9/26/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-53296	UT	Uintah	Aurora	COMPLETION	8,400.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	11.50	17:30	2	DRILL ACTUAL	Steerable drlg 7440' - 7869'. Spp 2600 psi, dp 350 psi, rpm 50-65/78, gpm 465, wob 25k, rop 37 fph.	
17:30	0.50	18:00	7	LUBRICATE RIG	Rig Service.	
18:00	6.00	00:00	2	DRILL ACTUAL	Steerable drlg 7869' - 8028'. Spp 2600 psi, dp 350 psi, rpm 50-65/78, gpm 465, wob 25k, rop 27 fph. MM failed.	
00:00	2.00	02:00	5	COND MUD & CIRC	C&C f/toh.	
02:00	3.50	05:30	6	TRIPS	Toh f/mm.	
05:30	0.50	06:00	7	LUBRICATE RIG	Rig Service. Repair boom.	

Aurora 02-12-7-19 9/26/2014 06:00 - 9/27/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-53296	UT	Uintah	Aurora	COMPLETION	8,400.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	8.00	14:00	6	TRIPS	Finish toh. LD dir tools, reamers, XO bit, mm.	
14:00	9.00	23:00	6	TRIPS	Tih.	
23:00	6.50	05:30	2	DRILL ACTUAL	Rotary drlg 8028' - 8350'. Spp 2200 psi, dp 200 psi, rpm 50/77, gpm 450, wob 25k, rop 50 fph.	
05:30	0.50	06:00	7	LUBRICATE RIG	Rig Service.	

Aurora 02-12-7-19 9/27/2014 06:00 - 9/28/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-53296	UT	Uintah	Aurora	COMPLETION	8,400.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.50	07:30	2	DRILL ACTUAL	Rotary drlg 8350' - 8400'. Spp 2200 psi, dp 200 psi, rpm 50/77, gpm 450, wob 25k, rop 33 fph. TD well @ 07:30.
07:30	1.00	08:30	5	COND MUD & CIRC	Sweep hole, C&C f/ST.
08:30	0.50	09:00	6	TRIPS	ST to 8000'. Hole in good shape.
09:00	1.00	10:00	5	COND MUD & CIRC	Sweep hole, C&C f/logs.
10:00	7.50	17:30	6	TRIPS	Toh f/logs.
17:30	0.50	18:00	7	LUBRICATE RIG	Rig Service.
18:00	5.00	23:00	11	WIRELINE LOGS	HSM. RU Weatherford, log hole. Logs bridged off @ 1525'.RD loggers.
23:00	5.50	04:30	6	TRIPS	Tih to bottom open ended.
04:30	1.00	05:30	8	REPAIR RIG	Repair air line.
05:30	0.50	06:00	6	TRIPS	Continue tih.

Aurora 02-12-7-19 9/28/2014 06:00 - 9/29/2014 06:00

API 43-047-53296	State/Province UT	County Uintah	Field Name Aurora	Well Status COMPLETION	Total Depth (ftKB) 8,400.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.50	08:30	8	REPAIR RIG	Repair rig - find and fix air leak.
08:30	1.50	10:00	6	TRIPS	Finish tih w/open-ended DP.
10:00	1.50	11:30	5	COND MUD & CIRC	Sweep hole, Circ BU.
11:30	2.50	14:00	6	TRIPS	Toh to 6000'
14:00	9.00	23:00	11	WIRELINE LOGS	Run logs through DP. Run gamma, CDLT, CNT, PD, CT-BCS. Logger's depth - 8335' (fill). RD loggers.
23:00	2.50	01:30	6	TRIPS	Tih. Tag fill @ 8335'.
01:30	2.00	03:30	5	COND MUD & CIRC	Sweep hole, clean out to 8400'. Pump pill.
03:30	2.50	06:00	6	TRIPS	Toh f/csg.

BLM - Vernal Field Office - Notification Form

_Submitted By Pat Clark Phone Number 303-353-5374Well Name/Number Aurora 2-12-7-19Qtr/Qtr NW/NE Section 12 Township 7S Range 19ELease Serial Number FEE

API Number 4304753296

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 9/21/2014 900 AM PM BOPE

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

Date/Time 9/22/14 600 AM PM Remarks Running 1200' of 8 5/8", 24#, J-55, ST&C csg.

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STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: fee	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: Aurora 2-12-7-19	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43047532960000	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0700 FNL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 12 Township: 07.0S Range: 19.0E Meridian: S		9. FIELD and POOL or WILDCAT: MOFFAT CANAL	
		COUNTY: UINTAH	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/25/2014 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
THIS WELL HAD FIRST PRODUCTION ON 10/25/2014.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 30, 2014			
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst	
SIGNATURE N/A		DATE 10/27/2014	

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:	
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: Aurora 2-12-7-19	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43047532960000	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0700 FNL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 12 Township: 07.0S Range: 19.0E Meridian: S		9. FIELD and POOL or WILDCAT: MOFFAT CANAL	
		COUNTY: UINTAH	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 10/31/2014	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
October 2014 monthly drilling activity report is attached			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 05, 2014			
NAME (PLEASE PRINT) Christina Hirtler		PHONE NUMBER 303 312-8597	TITLE Administrative Assistant
SIGNATURE N/A		DATE 11/4/2014	

**Aurora 02-12-7-19 10/3/2014 06:00 - 10/4/2014 06:00**

API 43-047-53296	State/Province UT	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB) 8,400.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	IWHD	Install Wellhead	Fabrizio Trucking cleaned cellar. Cameron ND 11-1/16 5M night cap. Prep casing stub. NU 11-1/16 5M x 7-1/16 5M x 2-1/16 5M tubing head. Torque bolts. Psi up on "PE" seal to 5000#, and held for 10 minutes. Test void to 5000#, for 10 minutes. Good test. NU 7-1/16 5M night cap. Building production facilities.

Aurora 02-12-7-19 10/6/2014 06:00 - 10/7/2014 06:00

API 43-047-53296	State/Province UT	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB) 8,400.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.00	15:00	LOGG	Logging	MIRU CUTTERS. HSM. RIH W/ GR/JB TO TAG FILL AT 8230' DRILLING SHOWING FC @ 8310' WITH (80') OF FILL. RUN CBL LOG. GOOD CMT FROM TD-5900' FAIR FROM 5900'- 5400' GOOD CMT FROM 5400'-2850'. GOOD/RATTY CMT 2850'-2250' ETOC TOP OF CMT AT 2250'. MARKER JTS AT 6484'-6508' & 7375'-7399'. RD CUTTERS. CBL RUN WITH OUT PSI. LOCK & SECURE WELL. BATTERY UNDER CONSTRUCTION.
15:00	15.00	06:00	LOCL	Lock Wellhead & Secure	LOCK & SECURE WELL

Aurora 02-12-7-19 10/17/2014 06:00 - 10/18/2014 06:00

API 43-047-53296	State/Province UT	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB) 8,400.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	HSM. CHECK PRESSURE. ND 7" NIGHT CAP. NU 7" 5K X 5" 10K FRAC MANDREL. NU 5" 10K FRAC VALVES. PRES TEST CSG TO 6200 PSI, TEST FB EQUIP TO 2500/4500 PSI. ALL TEST GOOD. SECURE WELL.

Aurora 02-12-7-19 10/22/2014 06:00 - 10/23/2014 06:00

API 43-047-53296	State/Province UT	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB) 8,400.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	MIRU D & M HEATERS, HEAT FRAC LINE TO 90*

Aurora 02-12-7-19 10/23/2014 06:00 - 10/24/2014 06:00

API 43-047-53296	State/Province UT	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB) 8,400.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HSM.
07:00	2.00	09:00	SRIG	Rig Up/Down	MIRU CUTTERS WITH 5" 10K LUBE AND EQUIP.
09:00	1.00	10:00	PFRT	Perforating	PU PERF GUNS FOR STG 1. OPEN WITH 60 PSI. RIH AND CORRELATE TO SJ AT 6484'-6508' & 7375'-7399'. RUN DOWN AND PERF UTELAND BUTTE FORM 7765'-8225' WITH 60 HOLES IN 20' NET. POOH AND VERIFY ALL GUNS SHOT. SHUT IN AND SECURE WELL.
10:00	3.50	13:30	SRIG	Rig Up/Down	MIRU HES FRAC FLEET.
13:30	16.50	06:00	LOCL	Lock Wellhead & Secure	WELL SHUT IN AND SECURE

Aurora 02-12-7-19 10/24/2014 06:00 - 10/25/2014 06:00

API 43-047-53296	State/Province UT	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB) 8,400.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	SMTG	Safety Meeting	AOL 04:30. PRIME UP CHEMS AND PUMPS. QC FLUIDS. PRESSURE TEST. HSM-SMOKING, RED ZONE, PPE, PERF GUNS, OVER HEAD LOADS PICKING UP AND LAYING DOWN GUNS MUSTER AREA.



Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:30	1.00	07:30	FRAC	Frac. Job	<p>FRAC STG 1 PRESSURE TEST LINES TO 7250 PSI. OPEN WELL W/ 20 PSI AT 6:25 AM BREAK DOWN 1861 PSI AT 5.8 BPM. PMP 3400 GAL 15% HCL ACID W/ 120 BIO BALLS FOR DIVERSION. 9.9 BPM AT 1227 PSI. FLUSH W/ 7800 GAL. 29.9 BPM AT 2065 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL.</p> <p>STAGE FR PAD. STABLE RATE OF 70.5 BPM AT 2731 PSI. ISDP 1209 . FG .59. PERFS OPEN 28/45</p> <p>ISIP 1381, FG .61, MR 71.3 BPM, AR 70.8 BPM, MP 3309 PSI, AP 2125 PSI 20/40 WHITE 150,500 lbs 2.0, 3.0, 3.5, 4 ppg SLK WTR 1234 BBL, 20# HYBOR G (16) 1551 BBL, BTR 2891 BBLS</p> <p>(STAGE SCORE 10)</p> <p>SHUT IN AND TURN OVER TO CUTTERS.</p>
07:30	1.50	09:00	PFRT	Perforating	<p>PERF STG #2- PU HES CFP 5 1/2" 10K CFP AND GUNS FOR STAGE 2 INTO LUBE AND EQUALIZE 1100 PSI. OPEN WELL AND RIH. CORRELATE TO SHORT JOINTS @ 6484'-6508' & 7375'-7399'. RIH SET 5 1/2" CFP AT 7714' WITH 1050 PSI. PULL UP AND PERF BLACK SHALE & CASTLE PEAK/BSF/3PT 7352'-7697' WITH 45 HOLES IN 15' NET. ENDING PRESSURE 150 PSI. POOH AND VERIFY ALL GUNS SHOT. SHUT IN AND TURN WELL OVER TO HES.</p>
09:00	0.92	09:55	FRAC	Frac. Job	<p>FRAC STG 2 PRESSURE TEST LINES TO 7300 PSI. OPEN WELL W/ 165 PSI AT 8:45 AM BREAK DOWN 2291 PSI AT 5.3 BPM. PMP 3400 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10 BPM AT 1820 PSI. FLUSH W/ 7400 GAL. 29 BPM AT 2405 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL.</p> <p>STAGE FR PAD. STABLE RATE OF 70.7 BPM AT 3163 PSI. ISDP 1712 . FG .67. PERFS OPEN 30/45</p> <p>ISIP 2128 , FG .72, MR 70.7 BPM, AR 69.1 BPM, MP 4488 PSI, AP 3118 PSI 20/40 WHITE 150,100 lbs 2.0, 3.0, 3.5, 4 ppg SLK WTR 1269 BBL, 20# HYBOR G (16) 1628 BBL, BTR 2990 BBLS</p> <p>(STAGE SCORE 10)</p> <p>SHUT IN AND TURN OVER TO CUTTERS.</p>
09:55	1.00	10:55	PFRT	Perforating	<p>PERF STG #3- PU HES CFP 5 1/2" 10K CFP AND GUNS FOR STAGE 3 INTO LUBE AND EQUALIZE 1650 PSI. OPEN WELL AND RIH. CORRELATE TO SHORT JOINTS @ 6484'-6508'. RIH SET 5 1/2" CFP AT 7320' WITH 1600 PSI. PULL UP AND PERF DOUGLAS CREEK 6942'-7300' WITH 45 HOLES IN 15' NET. ENDING PRESSURE 1300 PSI. POOH AND VERIFY ALL GUNS SHOT. SHUT IN AND TURN WELL OVER TO HES.</p>
10:55	1.08	12:00	FRAC	Frac. Job	<p>FRAC STG 3 PRESSURE TEST LINES TO 7200 PSI. OPEN WELL W/ 1350 PSI AT 11:00 AM BREAK DOWN 2146 PSI AT 9.7 BPM. PMP 3400 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10 BPM AT 1680 PSI. FLUSH W/ 6779 GAL. 29 BPM AT 2280 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL.</p> <p>STAGE FR PAD. STABLE RATE OF 71.4 BPM AT 3349 PSI. ISDP 1885 . FG .70. PERFS OPEN 30/45</p> <p>ISIP 2433, FG .77, MR 73.8 BPM, AR 71.5 BPM, MP 4794 PSI, AP 3133 PSI 20/40 WHITE 149,800 lbs 2.0, 3.0, 3.5, 4 ppg SLK WTR 1241 BBL, 20# HYBOR G (16) 1365 BBL, BTR 2699 BBLS</p> <p>(STAGE SCORE 10)</p> <p>SHUT IN AND TURN OVER TO CUTTERS.</p>



Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
12:00	1.00	13:00	PFRT	Perforating	PERF STG #4- PU HES CFP 5 1/2" 10K CFP AND GUNS FOR STAGE 4 INTO LUBE AND EQUALIZE 2200 PSI. OPEN WELL AND RIH. CORRELATE TO SHORT JOINTS @ 6484'-6508'. RIH SET 5 1/2" CFP AT 6914' WITH 2100 PSI. PULL UP AND PERF TGR3 & DOUGLAS CREEK 6658'-6898' WITH 45 HOLES IN 15' NET. ENDING PRESSURE 400 PSI. POOH AND VERIFY ALL GUNS SHOT. SHUT IN AND TURN WELL OVER TO HES.	
13:00	1.26	14:15	FRAC	Frac. Job	FRAC STG 4 PRESSURE TEST LINES TO 7400 PSI. OPEN WELL W/ 695 PSI AT 13:00 BREAK DOWN 2591 PSI AT 9 BPM. PMP 3400 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10 BPM AT 1360 PSI. FLUSH W/ 6600 GAL. 29.1 BPM AT 2100 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 74.4 BPM AT 3179 PSI. ISDP 1642 . FG .68. PERFS OPEN 30/45 ISIP 1890, FG .71, MR 76.3 BPM, AR 75.8 BPM, MP 3743 PSI, AP 2746 PSI 20/40 WHITE 150, 140 lbs 2.0, 3.0, 3.5, 4 ppg SLK WTR 1240 BBL, 20# HYBOR G (16) 1486 BBL, BTR 2807 BBL (STAGE SCORE 10) HES RIG DOWN CANDY CANES OFF OF FRAC TREE. SHUT IN AND TURN OVER TO CUTTERS.	
14:15	1.00	15:15	WLWK	Wireline	KILL PLUG- PU 5-1/2" HES PLUG AND SETTING TOOLS INTO LUBE. EQUALIZE 1800 PSI. RIH AND CORRELATE TO SHORT JT 6484'-6508'. SET KILL PLUG AT 6620' WITH 1750 PSI. BLEED OFF AS POOH.	
15:15	2.00	17:15	SRIG	Rig Up/Down	RDMO CUTTERS & HES	
17:15	11.49	04:45	LOCL	Lock Wellhead & Secure	LOCK AND SECURE WELL.	

Aurora 02-12-7-19 10/25/2014 06:00 - 10/26/2014 06:00

API 43-047-53296	State/Province UT	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB) 8,400.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	1.00	07:00	CTRL	Crew Travel	Crew travel to location. Service, and start equipment. Safety meeting. Fill out JSA.	
07:00	3.50	10:30	SRIG	Rig Up/Down	Finish bottoming frac tanks. MI, and spot Stone Rig #10, and equipment. ND frac tree. NU BOPE stack. RU rig, work floor, and tubing equipment. Spot pipe wrangler.	
10:30	1.00	11:30	GOP	General Operations	Unload 268 jts of 2-7/8 6.5# L-80 8rd off Bunning Transfer trucks.	
11:30	2.50	14:00	RUTB	Run Tubing	Make-up BHA. PU, and single in hole. Mill, Bit sub, Float sub, 1 jt 2-7/8 tubing, Drain, and 208 jts.	
14:00	0.50	14:30	SRIG	Rig Up/Down	PU/RU power swivel. Psi test to 2000#.	
14:30	3.00	17:30	DOPG	Drill Out Plugs	Tag, and drill CBP #1 @ 6620'. 209 jts w/ BHA. 18/64 choke @ 1300#. PU 8 jts, and tag sand fill @ 6877'. Wash sand to, and drill CBP #2 @ 6914'. 218 jts w/ BHA. 20/64 choke @ 1100#. PU 9 jts, and tag sand fill @ 7201'. Wash sand to, and drill CBP #3 @ 7320'. 231 jts w/ BHA. 20/64 choke @ 1000#. EOT @ 7341'.	
17:30	1.00	18:30	CTRL	Crew Travel	Leave casing open for clean-up. Crew travel to yard.	
18:30	11.50	06:00	FBCK	Flowback Well	Casing flowing thru sand trap, for clean-up. KTI is monitoring well.	

Aurora 02-12-7-19 10/26/2014 06:00 - 10/27/2014 06:00

API 43-047-53296	State/Province UT	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB) 8,400.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	1.00	07:00	CTRL	Crew Travel	Crew travel to location. Service, and start equipment. Safety meeting. Fill out JSA. FCP-600# on a 18/64 choke.	
07:00	5.50	12:30	DOPG	Drill Out Plugs	PU, and single in w/ 12 jts. Tag fill @ 7701'. Wash sand to CBP @ 7714', and drill. FCP-500# on a 22/64 choke, 244 jts and BHA. PU, and single in w/ 6 jts. Tag fill @ 7918'. Wash sand to Float collar @ 8309', and drill. Drill out shoe jt to 8356'. 263 jts and BHA.	

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
12:30	0.50	13:00	SRIG	Rig Up/Down	RD, and load out power swivel. Circulate clean w/ 30 bbls fluid.
13:00	1.00	14:00	PULT	Pull Tubing	LD 54 jts of tubing.
14:00	1.00	15:00	SRIG	Rig Up/Down	Install tubing hanger. Lubricate in, and land. RD tubing equipment, and work floor. ND BOPE stack, and NU wellhead. Production string is as follows: K.B. 13' Hanger 0.85' 208 jts of 2-7/8 L-80 tubing 6603.39' Drain sub 1.00' t jt 2-7/8 L-80 tubing 31.85' Float sub 1.07' Bit sub 0.87' Mill 0.40' EOT @ 6652.43'
15:00	1.00	16:00	SRIG	Rig Up/Down	NU flow arm to wellhead. Drop bar, and shear drain. FTP- 430#, on a 20/64 choke. SICP- 475#.
16:00	1.50	17:30	SRIG	Rig Up/Down	RD rig, and drilling equipment. Package for rig move. Well is flowing to production equipment, thru sand trap.
17:30	1.00	18:30	CTRL	Crew Travel	Crew travel to yard.
18:30	11.50	06:00	GOP	General Operations	KTI monitoring well.

Aurora 02-12-7-19 10/29/2014 06:00 - 10/30/2014 06:00

API 43-047-53296	State/Province UT	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB) 8,400.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.50	13:30	GOP	General Operations	Well is flowing to sales.
13:30	1.50	15:00	RMOV	Rig Move	Road rig to location from 5-16D-45 BTR.
15:00	1.50	16:30	SRIG	Rig Up/Down	Spot in, and RU rig. Prep BOPE for NU in AM.
16:30	1.00	17:30	CTRL	Crew Travel	Crew travel to yard.
17:30	12.50	06:00	GOP	General Operations	Well is flowing to sales. Operations SDFN.

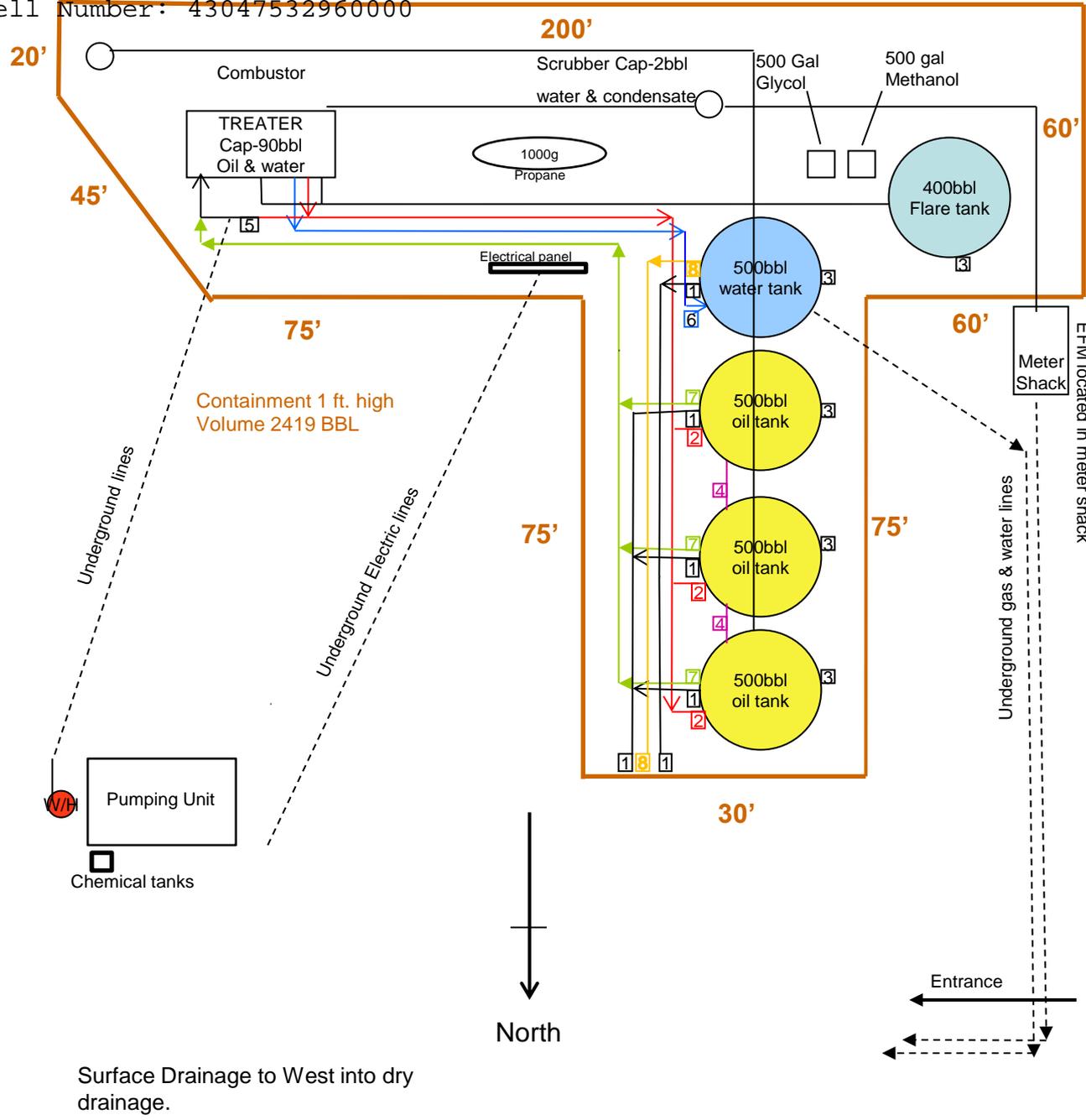
STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: fee	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: Aurora 2-12-7-19	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43047532960000	
PHONE NUMBER: 303 312-8134 Ext		9. FIELD and POOL or WILDCAT: MOFFAT CANAL	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0700 FNL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 12 Township: 07.0S Range: 19.0E Meridian: S		COUNTY: UINTAH	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/6/2014 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="SSD"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. ATTACHED PLEASE FIND THE SITE FACILITY DIAGRAM/SITE SECURITY.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 12, 2014			
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst	
SIGNATURE N/A		DATE 11/6/2014	

BILL BARRETT CORPORATION
FEE
 Aurora 2-12-7-19
 NW¼ NE¼, SEC.12,T7S,R19E,
 Lease # FEE
 Unit # UTU 82456
 API # 43-047-53296
 Uintah Co. Utah

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

- 1 - 4" LOAD LINE
- Production Phase – sealed closed
- Sales Phase- open to load Production bought
- 2 – 3" OIL LINES**
- 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**
- Production – open
- Sales – sealed closed
- 8- 2" WATER TANK SKIM**
- Not sealed

- PRV, RUPTURE DISC & FLARE LINES- tie in to flare tank
 for emergency pressure relief of treater



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

AMENDED REPORT FORM 8
(highlight changes)

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:
Aurora 2-12-7-19

9. API NUMBER:
4304753296

10 FIELD AND POOL, OR WILDCAT
Moffat Canal

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
NWNE 12 7S 19E S

12. COUNTY **Uintah** 13. STATE **UTAH**

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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**

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: **700 FNL 1980 FEL**
AT TOP PRODUCING INTERVAL REPORTED BELOW: **724 FNL 1992 FEL**
AT TOTAL DEPTH: **768 FNL 1992 FEL**

14. DATE SPUNDED: **9/11/2014** 15. DATE T.D. REACHED: **9/27/2014** 16. DATE COMPLETED: **10/25/2014** ABANDONED READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):
4865 GL

18. TOTAL DEPTH: MD **8,400** TVD **8,398** 19. PLUG BACK T.D.: MD **8,311** TVD **8,309** 20. IF MULTIPLE COMPLETIONS, HOW MANY? * 21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
CBL/GR/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 Conq	65#	0	80	80			0	
12 1/4	8 5/8 J-55	24#	0	1,235	1,230	Lead 160 Tail 275	90 67	0	
7 7/8	5 1/2 CP85	17#	0	8,400	8,400	Tuned 160 ECON 325	90 78	2252	

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	8,265							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Green River	6,658	8,225		
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
6,658 8,225	.38	195	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
6658-8225	Green River: See attached Stage 1-4

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

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 10/25/2014		TEST DATE: 11/5/2014		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 167	GAS - MCF: 22	WATER - BBL: 38	PROD. METHOD: Flowing
CHOKE SIZE: 48/64	TBG. PRESS. 200	CSG. PRESS. 200	API GRAVITY 31.00	BTU - GAS 1	GAS/OIL RATIO 132	24 HR PRODUCTION RATES: →	OIL - BBL: 167	GAS - MCF: 22	WATER - BBL: 38	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

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

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.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Green River	4,247
				Mahogany	5,566
				TGR3	6,657
				Douglas Creek	6,802
				Black Shale Facies	7,456
				Castle Peak	7,538
				Uteland Butte	7,755
				Wasatch	8,378
				TD	8,400

35. ADDITIONAL REMARKS (Include plugging procedure)

TOC calculated by CBL. Conductor cemented with grout. First gas sales on 11/2, first oil sales on 11/7.

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 11/25/2014

This report must be submitted within 30 days of

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

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

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

Send to: Utah Division of Oil, Gas and Mining Phone: 801-538-5340
 1594 West North Temple, Suite 1210
 Box 145801 Fax: 801-359-3940
 Salt Lake City, Utah 84114-5801

Aurora 2-12-7-19 Report Continued*

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)			
AMOUNT AND TYPE OF MATERIAL			
<u>Stage</u>	<u>bbls Slurry</u>	<u>lbs 20/40 Premium White</u>	<u>gal 15% HCl Acid</u>
1	2891	150500	4400
2	2990	150100	3900
3	2699	149800	3900
4	2807	150140	3400

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



Payzone Directional

End of Well Report



Company: Bill Bairrett Corporation	Local Co-ordinate Reference: Well Aurora 2-12-7-19
Project: Fort Duchesne	Aurora 2-12-7-19 @ 4878.0usft (capstar 330)
Site: SECTION 12 T7S, R19E	Aurora 2-12-7-19 @ 4878.0usft (capstar 330)
Well: Aurora 2-12-7-19	True
Wellbore: Wellbore #1	Minimum Curvature
Design: Actual	EDM 5000.1 Single User Db

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

Site: SECTION 12 T7S, R19E	Northing: 11,145,291.69 usft	Latitude: 40° 13' 49.410 N
Site Position:	Easting: 2,135,371.13 usft	Longitude: 109° 43' 43.670 W
From: Lat/Long	Slot Radius: 13-3/16 "	Grid Convergence: 1.09 °
Position Uncertainty: 0.0 usft		

Well: Aurora 2-12-7-19, SHL: 40° 13' 49.410 -109° 43' 43.670	Wellhead Elevation: 4,878.0 usft	Ground Level: 4,865.0 usft
Well Position:	+N/-S 0.0 usft	Latitude: 40° 13' 49.410 N
	+E/-W 0.0 usft	Longitude: 109° 43' 43.670 W
Position Uncertainty: 0.0 usft		

Wellbore: Wellbore #1	Model Name: IGRF2010	Sample Date: 9/12/2014	Decination (°): 10.79	Dip Angle (°): 65.93	Field Strength (nT): 52,101
------------------------------	-----------------------------	-------------------------------	------------------------------	-----------------------------	------------------------------------

Design: Actual	Phase: ACTUAL	Tie On Depth: 0.0
Audit Notes:	Depth From (TVD) (usft): 0.0	+N/-S (usft): 0.0
Version: 1.0	+E/-W (usft): 0.0	Direction (°): 174.70

Survey Program:	Date: 11/25/2014	Tool Name: MWD	Description: MWD v3:standard declination
From (usft): 265.0	To (usft): 8,400.0	Survey #1 (Wellbore #1): Wellbore #1	



Payzone Directional

End of Well Report



Company: Bill Barrett Corporation
Project: Fort Duchesne
Site: SECTION 12 T7S, R19E
Well: Aurora 2-12-7-19
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference:
TVD Reference: Aurora 2-12-7-19 @ 4878.0usft (capstar 330)
MD Reference: Aurora 2-12-7-19 @ 4878.0usft (capstar 330)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Well: Aurora 2-12-7-19
MD Reference: Aurora 2-12-7-19 @ 4878.0usft (capstar 330)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

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
265.0	0.57	116.08	265.0	0.7	-0.6	1.2	0.22	0.22	0.00
358.0	0.66	117.40	358.0	1.2	-1.0	2.1	0.10	0.10	1.42
450.0	0.48	102.77	450.0	1.6	-1.4	2.9	0.25	-0.20	-15.90
541.0	0.53	134.72	541.0	2.1	-1.7	3.6	0.31	0.05	35.11
632.0	0.48	160.42	632.0	2.8	-2.4	4.0	0.25	-0.05	28.24
723.0	0.44	132.21	723.0	3.4	-3.0	4.4	0.25	-0.04	-31.00
813.0	0.53	170.97	813.0	4.1	-3.6	4.7	0.37	0.10	43.07
930.0	0.40	144.69	930.0	4.9	-4.5	5.0	0.21	-0.11	-22.46
1,060.0	0.40	162.71	1,060.0	5.8	-5.3	5.4	0.10	0.00	13.86
1,166.0	0.66	180.77	1,166.0	6.8	-6.3	5.5	0.29	0.25	17.04
1,265.0	0.53	159.15	1,265.0	7.8	-7.3	5.7	0.26	-0.13	-21.84
1,353.0	0.40	190.40	1,353.0	8.4	-7.9	5.8	0.32	-0.15	35.51
1,438.0	1.50	326.90	1,437.9	7.7	-7.3	5.1	2.13	1.29	160.59
1,531.0	2.11	342.36	1,530.9	5.0	-4.7	3.9	0.83	0.66	16.62
1,618.0	1.85	340.34	1,617.8	2.1	-1.8	3.0	0.31	-0.30	-2.32
1,705.0	1.79	336.77	1,704.8	-0.6	0.8	2.0	0.15	-0.07	-4.10
1,791.0	1.85	334.97	1,790.8	-3.2	3.3	0.9	0.10	0.07	-2.09
1,879.0	1.80	336.91	1,878.7	-5.8	5.8	-0.3	0.09	-0.06	2.20
1,963.0	1.98	340.07	1,962.7	-8.5	8.4	-1.3	0.25	0.21	3.76
2,048.0	1.85	346.05	2,047.6	-11.3	11.1	-2.1	0.28	-0.15	7.04
2,133.0	1.41	341.87	2,132.6	-13.6	13.4	-2.8	0.54	-0.52	-4.92
2,218.0	1.19	343.50	2,217.6	-15.5	15.3	-3.4	0.26	-0.26	1.92
2,304.0	1.10	347.59	2,303.5	-17.2	16.9	-3.8	0.14	-0.10	4.76
2,389.0	1.23	340.73	2,388.5	-18.9	18.6	-4.3	0.22	0.15	-8.07
2,475.0	1.70	334.46	2,474.5	-21.0	20.6	-5.1	0.58	0.55	-7.29
2,563.0	1.41	331.15	2,562.5	-23.2	22.7	-6.2	0.34	-0.33	-3.76



Payzone Directional

End of Well Report



Company: Bill Bairrett Corporation
Project: Fort Duchesne
Site: SECTION 12 T7S, R19E
Well: Aurora 2-12-7-19
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference:
TVD Reference: Aurora 2-12-7-19 @ 4878.0usft (capstar 330)
MD Reference: Aurora 2-12-7-19 @ 4878.0usft (capstar 330)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Well: Aurora 2-12-7-19
MD Reference: Aurora 2-12-7-19 @ 4878.0usft (capstar 330)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	D Leg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
2,648.0	1.32	326.10	2,647.4	-25.0	24.5	-7.3	0.18	-0.11	-5.94
2,733.0	1.15	325.41	2,732.4	-26.6	26.0	-8.3	0.20	-0.20	-0.81
2,819.0	1.10	332.19	2,818.4	-28.2	27.4	-9.2	0.17	-0.06	7.88
2,905.0	0.94	330.60	2,904.4	-29.6	28.8	-9.9	0.19	-0.19	-1.85
2,991.0	0.88	331.90	2,990.4	-30.8	30.0	-10.5	0.07	-0.07	1.51
3,076.0	0.66	321.00	3,075.4	-31.8	30.9	-11.2	0.31	-0.26	-12.82
3,163.0	0.66	317.84	3,162.4	-32.6	31.7	-11.8	0.04	0.00	-3.63
3,249.0	0.62	320.17	3,248.4	-33.4	32.4	-12.4	0.06	-0.05	2.71
3,334.0	0.48	324.65	3,333.4	-34.1	33.1	-12.9	0.17	-0.16	5.27
3,421.0	0.31	321.83	3,420.4	-34.6	33.5	-13.3	0.20	-0.20	-3.24
3,509.0	0.31	310.19	3,508.4	-35.0	33.9	-13.6	0.07	0.00	-13.23
3,594.0	0.35	272.13	3,593.4	-35.2	34.0	-14.1	0.26	0.05	-44.78
3,682.0	0.48	276.79	3,681.4	-35.3	34.1	-14.7	0.15	0.15	5.30
3,767.0	0.44	253.41	3,766.4	-35.3	34.0	-15.4	0.22	-0.05	-27.51
3,853.0	0.53	238.29	3,852.3	-35.1	33.7	-16.0	0.18	0.10	-17.58
3,938.0	0.31	219.27	3,937.3	-34.7	33.3	-16.5	0.30	-0.26	-22.38
4,024.0	0.57	206.83	4,023.3	-34.2	32.8	-16.8	0.32	0.30	-14.47
4,113.0	0.79	193.87	4,112.3	-33.2	31.8	-17.2	0.30	0.25	-14.56
4,198.0	0.92	196.77	4,197.3	-32.1	30.6	-17.5	0.16	0.15	3.41
4,287.0	1.01	192.64	4,286.3	-30.6	29.1	-17.9	0.13	0.10	-4.64
4,373.0	0.92	179.67	4,372.3	-29.2	27.7	-18.1	0.27	-0.10	-15.08
4,461.0	1.23	177.83	4,460.3	-27.6	26.0	-18.0	0.35	0.35	-2.09
4,548.0	1.23	159.94	4,547.3	-25.8	24.2	-17.7	0.44	0.00	-20.56
4,635.0	1.27	162.40	4,634.2	-23.9	22.4	-17.1	0.08	0.05	2.83
4,723.0	1.58	165.30	4,722.2	-21.8	20.3	-16.5	0.36	0.35	3.30
4,808.0	1.36	155.63	4,807.2	-19.7	18.3	-15.7	0.39	-0.26	-11.38
4,893.0	1.23	156.42	4,892.2	-17.8	16.5	-15.0	0.15	-0.15	0.93



Payzone Directional

End of Well Report



Company: Bill Bairrett Corporation
Project: Fort Duchesne
Site: SECTION 12 T7S, R19E
Well: Aurora 2-12-7-19
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference:
TVD Reference: Aurora 2-12-7-19 @ 4878.0usft (capstar 330)
MD Reference: Aurora 2-12-7-19 @ 4878.0usft (capstar 330)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Well: Aurora 2-12-7-19
MD Reference: Aurora 2-12-7-19 @ 4878.0usft (capstar 330)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	D Leg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
4,981.0	0.97	145.57	4,980.2	-16.3	15.0	-14.2	0.38	-0.30	-12.33
5,101.0	1.00	156.30	5,100.1	-14.4	13.2	-13.2	0.16	0.02	8.94
5,187.0	1.10	154.50	5,186.1	-12.9	11.8	-12.5	0.12	0.12	-2.09
5,237.0	0.97	163.59	5,236.1	-12.1	11.0	-12.2	0.42	-0.26	18.18
5,323.0	1.14	193.43	5,322.1	-10.5	9.4	-12.2	0.66	0.20	34.70
5,411.0	0.97	180.33	5,410.1	-9.0	7.8	-12.4	0.33	-0.19	-14.89
5,497.0	1.14	181.17	5,496.1	-7.4	6.3	-12.4	0.20	0.20	0.98
5,584.0	1.14	178.27	5,583.1	-5.7	4.5	-12.4	0.07	0.00	-3.33
5,669.0	1.49	184.20	5,668.0	-3.7	2.6	-12.5	0.44	0.41	6.98
5,754.0	1.45	180.95	5,753.0	-1.6	0.4	-12.6	0.11	-0.05	-3.82
5,841.0	1.54	184.15	5,840.0	0.7	-1.9	-12.7	0.14	0.10	3.68
5,926.0	1.76	186.35	5,924.9	3.1	-4.3	-12.9	0.27	0.26	2.59
6,012.0	2.07	181.83	6,010.9	5.9	-7.2	-13.1	0.40	0.36	-5.26
6,101.0	2.02	182.35	6,099.8	9.1	-10.3	-13.2	0.06	-0.06	0.58
6,190.0	1.27	172.90	6,188.8	11.6	-12.9	-13.1	0.89	-0.84	-10.62
6,277.0	1.40	170.44	6,275.8	13.6	-14.9	-12.8	0.16	0.15	-2.83
6,362.0	1.67	170.18	6,360.7	15.9	-17.1	-12.5	0.32	0.32	-0.31
6,449.0	1.58	177.87	6,447.7	18.4	-19.6	-12.2	0.27	-0.10	8.84
6,537.0	1.54	175.58	6,535.7	20.8	-22.0	-12.1	0.08	-0.05	-2.60
6,625.0	1.54	173.52	6,623.6	23.1	-24.3	-11.8	0.06	0.00	-2.34
6,710.0	1.54	178.79	6,708.6	25.4	-26.6	-11.7	0.17	0.00	6.20
6,795.0	1.41	179.67	6,793.6	27.6	-28.8	-11.7	0.16	-0.15	1.04
6,881.0	1.36	179.58	6,879.6	29.7	-30.9	-11.6	0.06	-0.06	-0.10
6,967.0	1.80	185.56	6,965.5	32.0	-33.2	-11.8	0.55	0.51	6.95
7,052.0	1.67	187.67	7,050.5	34.5	-35.8	-12.1	0.17	-0.15	2.48
7,138.0	1.67	157.00	7,136.5	36.9	-38.2	-11.7	1.03	0.00	-35.66
7,223.0	1.63	146.32	7,221.4	39.2	-40.3	-10.6	0.36	-0.05	-12.56



Payzone Directional

End of Well Report



Company: Bill Bairrett Corporation
Project: Fort Duchesne
Site: SECTION 12 T7S, R19E
Well: Aurora 2-12-7-19
Wellbore #1
Design: Actual

Local Co-ordinate Reference:
TVD Reference: Aurora 2-12-7-19 @ 4878.0usft (capstar 330)
MD Reference: Aurora 2-12-7-19 @ 4878.0usft (capstar 330)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Well: Aurora 2-12-7-19
MD Reference: Aurora 2-12-7-19 @ 4878.0usft (capstar 330)
North Reference: True
Survey Calculation Method: Minimum Curvature
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)
	7,308.0	1.89	145.22	7,306.4	41.5	-42.5	-9.1	0.31	0.31	-1.29
	7,394.0	2.02	148.73	7,392.3	44.1	-44.9	-7.5	0.21	0.15	4.08
	7,479.0	2.20	137.75	7,477.3	46.7	-47.4	-5.6	0.52	0.21	-12.92
	7,565.0	2.11	139.81	7,563.2	49.3	-49.9	-3.5	0.14	-0.10	2.40
	7,651.0	2.02	141.09	7,649.2	51.9	-52.2	-1.5	0.12	-0.10	1.49
	7,738.0	1.80	140.38	7,736.1	54.3	-54.5	0.3	0.25	-0.25	-0.82
	7,825.0	1.63	139.29	7,823.1	56.4	-56.5	2.0	0.20	-0.20	-1.25
	7,910.0	1.54	139.11	7,908.0	58.3	-58.3	3.5	0.11	-0.11	-0.21
	7,941.0	1.54	138.28	7,939.0	59.0	-58.9	4.1	0.07	0.00	-2.68
	8,028.0	1.54	138.28	8,026.0	60.9	-60.6	5.6	0.00	0.00	0.00
	8,399.9	1.54	138.28	8,397.8	68.9	-68.1	12.3	0.00	0.00	0.00
	8,400.0	1.54	138.28	8,397.9	68.9	-68.1	12.3	0.00	0.00	0.00
Client Requested additional projection from 8028 ft to 8400 ft										

Survey Annotations	Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
	8,399.9	8,397.8	-68.1	12.3	Client Requested additional projection from 8028 ft to 8400 ft

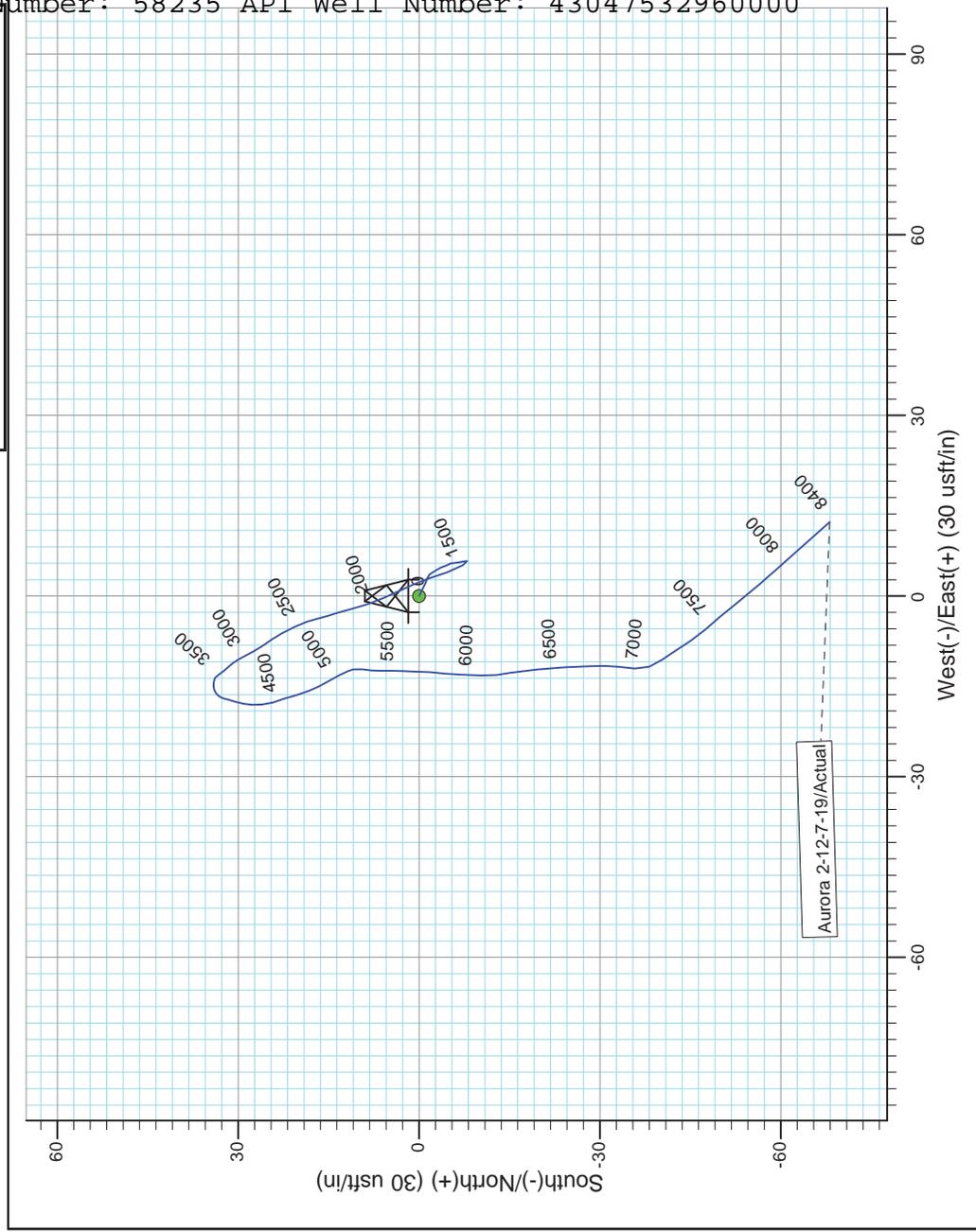
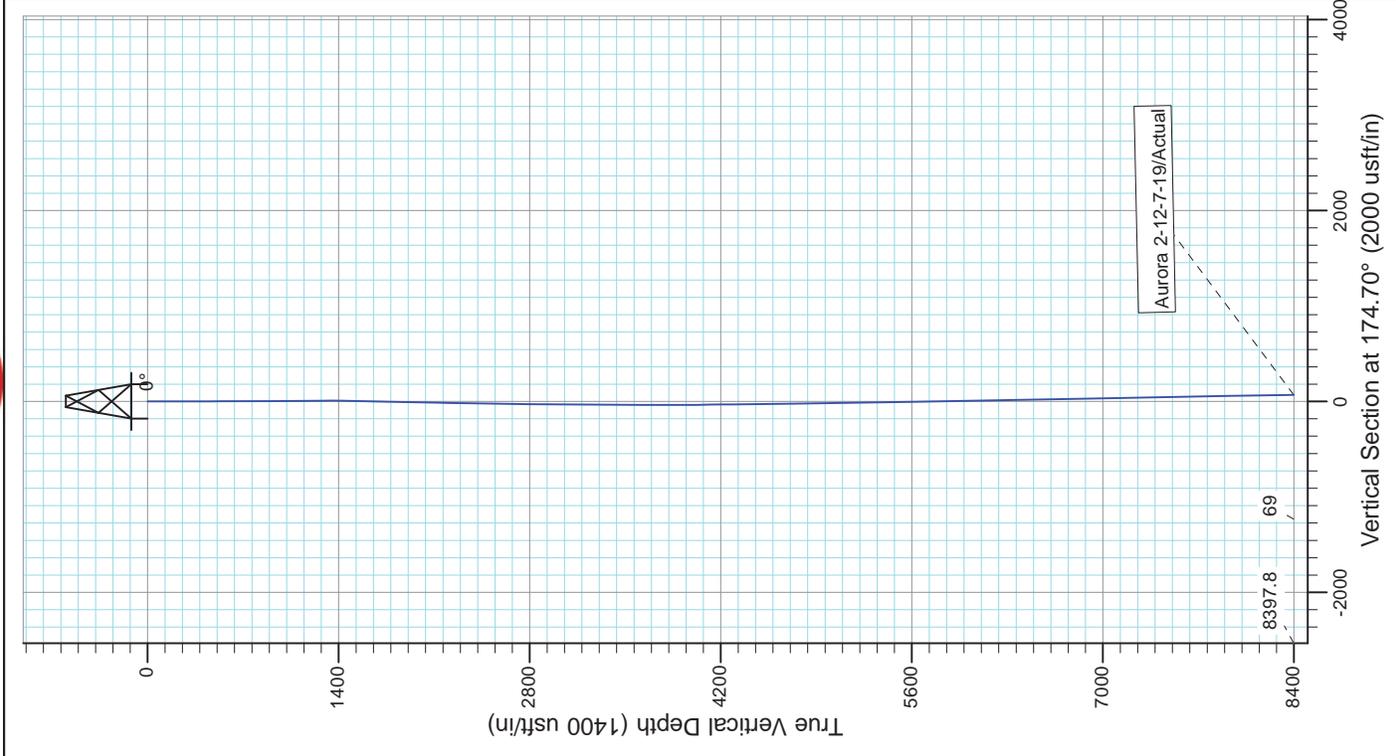
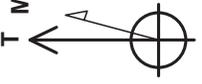
Checked By: _____ Approved By: _____ Date: _____

RECEIVED: Nov. 25, 2014



Project: Fort Duchesne
 Site: SECTION 12 T7S, R19E
 Well: Aurora 2-12-7-19
 Wellbore: Wellbore #1
 Design: Actual

Azimuths to True North
 Magnetic North: 10.79°
 Magnetic Field
 Strength: 52101.0sn/mT
 Dip Angle: 65.93°
 Date: 9/12/2014
 Model: IGRF2010



Design: Actual (Aurora 2-12-7-19/Wellbore #1)

Created By: *Matthew Sinton*

Date:

13:49, November 25 2014

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

Survey Number: 58235 API Well Number: 43047532960000

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:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: Aurora 2-12-7-19
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43047532960000
PHONE NUMBER: 303 312-8134 Ext		9. FIELD and POOL or WILDCAT: MOFFAT CANAL
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0700 FNL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 12 Township: 07.0S Range: 19.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/30/2015	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input checked="" type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="pit closure extension reques"/>

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

BBC is requesting permission to leave this pit open until 9/30/2015 due to inclement weather conditions. BBC will continue with pit closure in the summer, when more favorable weather conditions allow. A follow up sundry will be submitted with the date of pit closure.

Approved by the
March 06, 2015
Oil, Gas and Mining

Date: _____

By: 

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 1/19/2015	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: fee	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: Aurora 2-12-7-19	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43047532960000	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0700 FNL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 12 Township: 07.0S Range: 19.0E Meridian: S		9. FIELD and POOL or WILDCAT: MOFFAT CANAL	
		COUNTY: UINTAH	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/23/2015 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
THE PIT WAS CLOSED AND INTERIM RECLAMATION ON THIS PAD WAS DONE ON 9/23/2015			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 02, 2015			
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst	
SIGNATURE N/A		DATE 10/13/2015	