

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 Federal 15-28D-7-20
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 UNDESIGNATED
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO		5. UNIT or COMMUNITIZATION AGREEMENT NAME AURORA (DEEP)
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) UTU80689	11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input 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') Four Star Ranch Inc
14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-649-8399		15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 8281 N Trails Drive, ,
16. SURFACE OWNER E-MAIL (if box 12 = 'fee') davidyeaman@fiber.net		17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')
18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>		19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	98 FSL 2286 FEL	SWSE	28	7.0 S	20.0 E	S
Top of Uppermost Producing Zone	664 FSL 1985 FEL	SWSE	28	7.0 S	20.0 E	S
At Total Depth	660 FSL 1980 FEL	SWSE	28	7.0 S	20.0 E	S

21. COUNTY UINTAH	22. DISTANCE TO NEAREST LEASE LINE (Feet) 660	23. NUMBER OF ACRES IN DRILLING UNIT 160
25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 10986	26. PROPOSED DEPTH MD: 9733 TVD: 9654	
27. ELEVATION - GROUND LEVEL 4791	28. BOND NUMBER WYB000040	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	Unknown	0	0.0	0.0
Surf	14.75	10.75	0 - 3200	45.5	J-55 ST&C	8.8	Halliburton Light , Type Unknown	850	3.16	11.0
							Halliburton Premium , Type Unknown	360	1.36	14.8
Prod	9.875	5.5	0 - 9733	17.0	P-110 LT&C	10.5	Unknown	480	2.31	11.0
							Unknown	960	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 checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

NAME Venessa Langmacher	TITLE Senior Permit Analyst	PHONE 303 312-8172
SIGNATURE	DATE 09/14/2011	EMAIL vlangmacher@billbarrettcorp.com
API NUMBER ASSIGNED 43047520060000	APPROVAL  Permit Manager	

BILL BARRETT CORPORATION
DRILLING PLAN
 9/12/2011

Aurora Federal #15-28D-7-20

SW SE, 98' FSL and 2286' FEL, Section 28, T7S-R20E, S.L.B.&M.
 SW SE, 660' FSL and 1980' FEL, Section 28, T7S-R20E, S.L.B.&M.
 Uintah County, UT

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

<u>Formation</u>	<u>Depth – MD</u>	<u>Depth - TVD</u>
Green River	3,775'	3,744'
Lower Green River*	5,523'	5,444'
Black Shale Facies*	6,673'	6,594'
Wasatch*	7,733'	7,654'
TD	9,733'	9,654'

*PROSPECTIVE PAY

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

Base of Useable Water = 4,600'

3. BOP and Pressure Containment Data

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 3,200'	No pressure control required
3,200' – TD	11" 5000# Ram Type BOP 11" 5000# Annular BOP
- Drilling spool to accommodate choke and kill lines;	
- Ancillary equipment and choke manifold rated at 5,000 psi. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2;	
- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests.	
- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up To operate most efficiently in this manner.	

4. Casing Program

<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#			
14 3/4"	surface	3,200'	10-3/4"	45.5#	J or K 55	BT&C	New
9-7/8" & 8-3/4"	surface	TD	5 1/2"	17#	P-110	LT&C	New

NOTE: If necessary due to lost circulation, BBC would like to request the option to set 7-5/8", 29.70# P-110 LT&C to a depth of 7,733' (Wasatch Top), then drill a 6-1/2" hole to TD and run 5-1/2" casing as a 2200' liner (200' liner lap).

Bill Barrett Corporation
 Drilling Program
 #15-28D-7-20
 County, Utah

5. Cementing Program

<u>Casing</u>	<u>Cement</u>
16" Conductor Casing	Grout
14-3/4" hole for 10-3/4" Surface Casing	Lead with approximately 850 sx Halliburton Light Premium with additives mixed at 11.0 ppg (yield = 3.16 ft ³ /sx) circulated to surface with 75% excess. Tail with approximately 360 sx Halliburton Premium cement with additives mixed at 14.8 ppg (yield = 1.36 ft ³ /sx). Calculated hole volume with 75% excess.
9-7/8 hole for 5 1/2" Production Casing May reduce hole size to 8-3/4" at T/ Wasatch FM if minimal hole problems.	Lead with approximately 480 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft ³ /sx). Tail with approximately 960 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft ³ /sx). Planned TOC 200' above surface casing shoe..
<p>NOTE: If 7-5/8" casing is necessary, cement with Lead with approximately 900 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft³/sx). Tail with approximately 240 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft³/sx). Planned TOC 200' above surface casing shoe. We will perform a FIT to 11.5 ppg after drilling 20' of new hole.</p> <p>The 5-1/2" liner would be cemented with 200 sx of Class G 50/50 Poz w/ 2% gel (14.2 ppg) with additives from TD to 200' above TOL.</p>	

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' – 3,200'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
3,200' – TD	8.6 – 10.5	42-52	20 cc or less	DAP Polymer Fluid System
<p>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.</p>				

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.
<p>NOTE: If BBC pursues the "Alternate" program, a suite of the above logs will be run on both the intermediate and production hole sections.</p>	

Bill Barrett Corporation
Drilling Program
#15-28D-7-20
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 5271 psi* and maximum anticipated surface pressure equals approximately 3147 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 TVD = A (bottom hole pressure)

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

9. Auxiliary Equipment

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

10. Location and Type of Water Supply

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

11. Drilling Schedule

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

PRESSURE CONTROL EQUIPMENT – Schematic Attached

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

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

B. Pressure Rating: 5,000 psi

C. Testing Procedure:

Annular Preventer

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

At a minimum the above pressure test will be performed:

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

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

Blow-Out Preventer

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

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

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

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

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

D. Choke Manifold Equipment:

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

E. Accumulator:

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

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

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

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

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

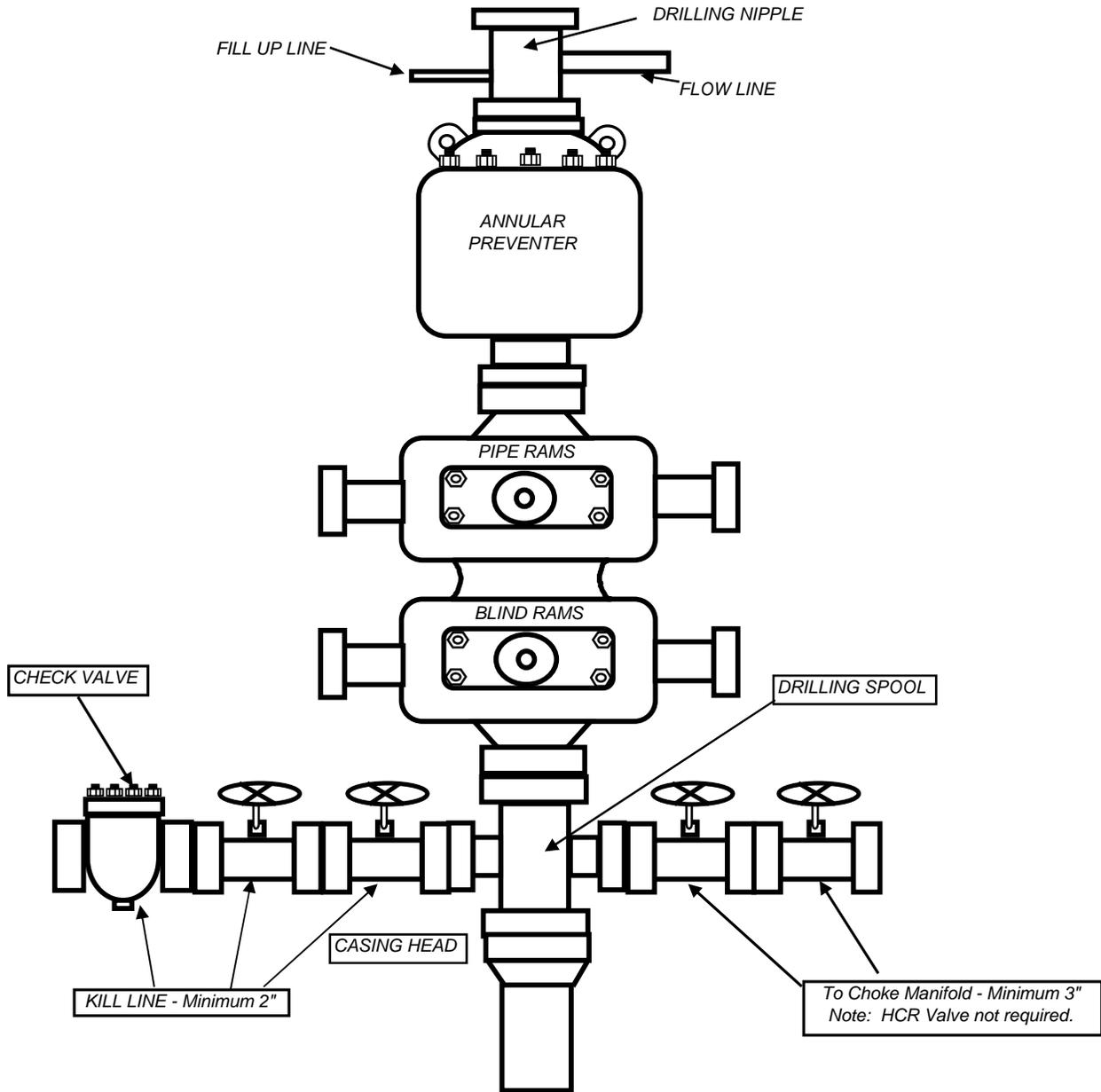
F. Miscellaneous Information:

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

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

BILL BARRETT CORPORATION

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





Bill Barrett Corporation

LAKE CANYON & BLACK TAIL RIDGE CEMENT VOLUMES

Well Name: Aurora Federal 15-28D-7-20

Surface Hole Data:

Total Depth:	3,200'
Top of Cement:	0'
OD of Hole:	14.750"
OD of Casing:	10.750"

Calculated Data:

Lead Volume:	2628.6	ft ³
Lead Fill:	2,700'	
Tail Volume:	486.8	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:	850
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Tail Yield:	1.36	ft ³ /sk
% Excess:	75%	
Top of Tail:	2,700'	

# SK's Tail:	360
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Production Hole Data:

Total Depth:	9,733'
Top of Cement:	3,300'
Top of Tail:	6,173'
OD of Hole:	8.750"
OD of Casing:	5.500"

Calculated Data:

Lead Volume:	1088.6	ft ³
Lead Fill:	2,873'	
Tail Volume:	1349.0	ft ³
Tail Fill:	3,560'	

Cement Data:

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

Calculated # of Sacks:

# SK's Lead:	480
# SK's Tail:	960

Aurora Federal 15-28D-7-20 Proposed Cementing Program
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<u>Job Recommendation</u>	<u>Surface Casing</u>
Lead Cement - (2700' - 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: 2,700'
	Volume: 468.14 bbl
	Proposed Sacks: 850 sks
Tail Cement - (TD - 2700')	
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: 2,700'
	Calculated Fill: 500'
	Volume: 86.69 bbl
	Proposed Sacks: 360 sks

<u>Job Recommendation</u>	<u>Production Casing</u>
Lead Cement - (6173' - 3300')	
Tuned Light TM System	Fluid Weight: 11.0 lbm/gal
	Slurry Yield: 2.31 ft ³ /sk
	Total Mixing Fluid: 10.65 Gal/sk
	Top of Fluid: 3,300'
	Calculated Fill: 2,873'
	Volume: 193.86 bbl
	Proposed Sacks: 480 sks
Tail Cement - (9733' - 6173')	
Econocem TM 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: 6,173'
	Calculated Fill: 3,560'
	Volume: 240.25 bbl
	Proposed Sacks: 960 sks



SECT28-T7S-R20E
98 FSL & 2286 FEL

Site Centre Latitude: 40° 10' 27.142 N
Longitude: 109° 40' 19.171 W

Positional Uncertainty: 0.0
Convergence: 1.21
Local North: True

COMPANY DETAILS: BILL BARRETT CORP

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

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
15-28D TGR3	5444.0	565.5	301.3	40° 10' 32.729 N	109° 40' 15.290 W	Rectangle (Sides: L200.0 W200.0)
15-28D PBHL	9654.0	565.5	301.3	40° 10' 32.729 N	109° 40' 15.290 W	Rectangle (Sides: L200.0 W200.0)

SECTION DETAILS

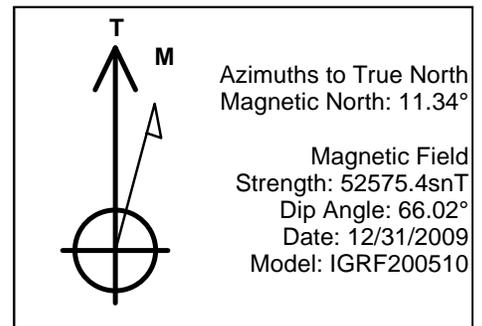
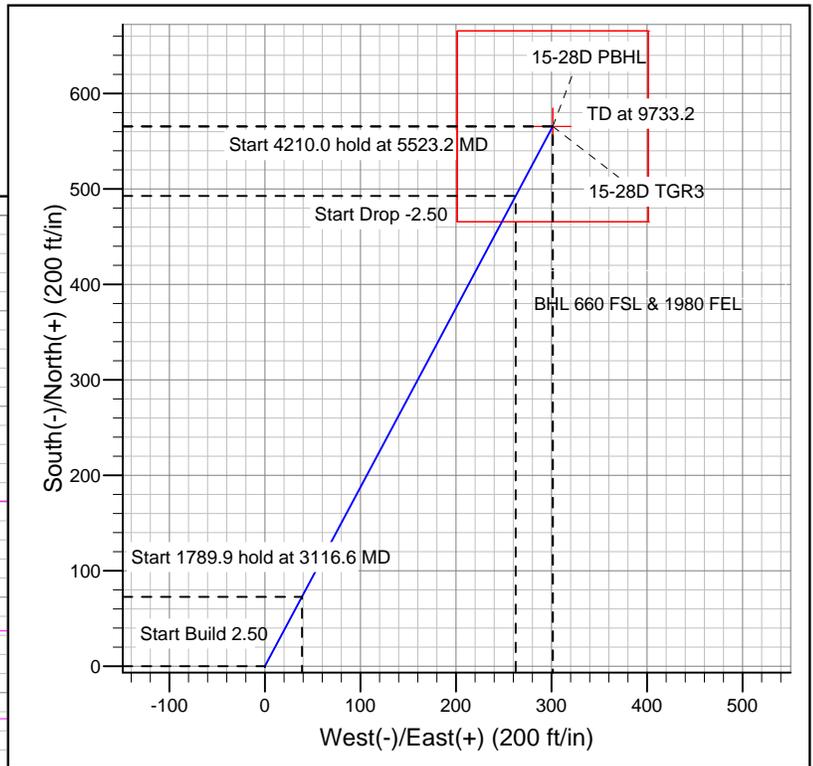
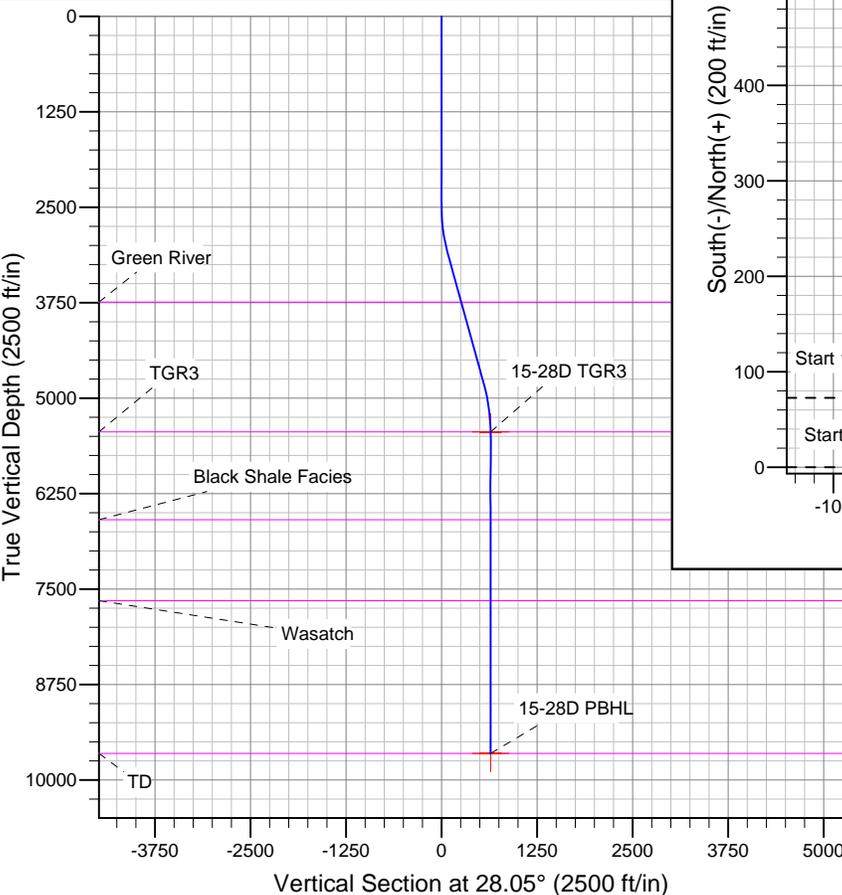
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	2500.0	0.00	0.00	2500.0	0.0	0.0	0.00	0.00	0.0	
3	3116.6	15.42	28.05	3109.2	72.8	38.8	2.50	28.05	82.5	
4	4906.6	15.42	28.05	4834.8	492.7	262.5	0.00	0.00	558.3	
5	5523.2	0.00	0.00	5444.0	565.5	301.3	2.50	180.00	640.7	15-28D TGR3
6	9733.2	0.00	0.00	9654.0	565.5	301.3	0.00	0.00	640.7	15-28D PBHL

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
3744.0	3775.1	Green River
5444.0	5523.2	TGR3
6594.0	6673.2	Black Shale Facies
7654.0	7733.2	Wasatch
9654.0	9733.2	TD

CASING DETAILS

No casing data is available



Bill Barrett Corp
Planning Report

Database:	Compass	Local Co-ordinate Reference:	Site Aurora Federal 15-28-7-20
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 4807.0ft (Original Well Elev)
Project:	UINTAH COUNTY	MD Reference:	KB @ 4807.0ft (Original Well Elev)
Site:	Aurora Federal 15-28-7-20	North Reference:	True
Well:	Aurora Federal 15-28D-7-20	Survey Calculation Method:	Minimum Curvature
Wellbore:	Plan #1		
Design:	Design #1 15Aug2011		

Project	UINTAH COUNTY		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Ground Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Utah North 4301		

Site	Aurora Federal 15-28-7-20, SECT28-T7S-R20E				
Site Position:		Northing:	-16,033.08 m	Latitude:	40° 10' 27.142 N
From:	Lat/Long	Easting:	765,317.60 m	Longitude:	109° 40' 19.171 W
Position Uncertainty:	0.0 ft	Slot Radius:	in	Grid Convergence:	1.21 °

Well	Aurora Federal 15-28D-7-20, 98 FSL & 2286 FEL					
Well Position	+N/-S	0.0 ft	Northing:	-16,033.08 m	Latitude:	40° 10' 27.141 N
	+E/-W	0.0 ft	Easting:	765,317.60 m	Longitude:	109° 40' 19.171 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	4,791.0 ft

Wellbore	Plan #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	11.34	66.02	52,575

Design	Design #1 15Aug2011			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	28.05

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.00	0.00	0.00	0.00	
3,116.6	15.42	28.05	3,109.2	72.8	38.8	2.50	2.50	0.00	28.05	
4,906.6	15.42	28.05	4,834.8	492.7	262.5	0.00	0.00	0.00	0.00	
5,523.2	0.00	0.00	5,444.0	565.5	301.3	2.50	-2.50	0.00	180.00	15-28D TGR3
9,733.2	0.00	0.00	9,654.0	565.5	301.3	0.00	0.00	0.00	0.00	15-28D PBHL

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Site Aurora Federal 15-28-7-20
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 4807.0ft (Original Well Elev)
Project:	UINTAH COUNTY	MD Reference:	KB @ 4807.0ft (Original Well Elev)
Site:	Aurora Federal 15-28-7-20	North Reference:	True
Well:	Aurora Federal 15-28D-7-20	Survey Calculation Method:	Minimum Curvature
Wellbore:	Plan #1		
Design:	Design #1 15Aug2011		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	2.50	28.05	2,600.0	1.9	1.0	2.2	2.50	2.50	0.00
2,700.0	5.00	28.05	2,699.7	7.7	4.1	8.7	2.50	2.50	0.00
2,800.0	7.50	28.05	2,799.1	17.3	9.2	19.6	2.50	2.50	0.00
2,900.0	10.00	28.05	2,898.0	30.7	16.4	34.8	2.50	2.50	0.00
3,000.0	12.50	28.05	2,996.0	47.9	25.5	54.3	2.50	2.50	0.00
3,100.0	15.00	28.05	3,093.2	68.9	36.7	78.1	2.50	2.50	0.00
3,116.6	15.42	28.05	3,109.2	72.8	38.8	82.5	2.50	2.50	0.00
3,200.0	15.42	28.05	3,189.6	92.3	49.2	104.6	0.00	0.00	0.00
3,300.0	15.42	28.05	3,286.0	115.8	61.7	131.2	0.00	0.00	0.00
3,400.0	15.42	28.05	3,382.4	139.2	74.2	157.8	0.00	0.00	0.00
3,500.0	15.42	28.05	3,478.8	162.7	86.7	184.4	0.00	0.00	0.00
3,600.0	15.42	28.05	3,575.2	186.2	99.2	210.9	0.00	0.00	0.00
3,700.0	15.42	28.05	3,671.6	209.6	111.7	237.5	0.00	0.00	0.00
3,775.1	15.42	28.05	3,744.0	227.2	121.1	257.5	0.00	0.00	0.00
Green River									
3,800.0	15.42	28.05	3,768.0	233.1	124.2	264.1	0.00	0.00	0.00
3,900.0	15.42	28.05	3,864.4	256.5	136.7	290.7	0.00	0.00	0.00
4,000.0	15.42	28.05	3,960.8	280.0	149.2	317.3	0.00	0.00	0.00
4,100.0	15.42	28.05	4,057.2	303.5	161.7	343.9	0.00	0.00	0.00
4,200.0	15.42	28.05	4,153.6	326.9	174.2	370.4	0.00	0.00	0.00
4,300.0	15.42	28.05	4,250.0	350.4	186.7	397.0	0.00	0.00	0.00
4,400.0	15.42	28.05	4,346.4	373.8	199.2	423.6	0.00	0.00	0.00
4,500.0	15.42	28.05	4,442.8	397.3	211.7	450.2	0.00	0.00	0.00
4,600.0	15.42	28.05	4,539.2	420.8	224.2	476.8	0.00	0.00	0.00
4,700.0	15.42	28.05	4,635.6	444.2	236.7	503.4	0.00	0.00	0.00
4,800.0	15.42	28.05	4,732.0	467.7	249.2	529.9	0.00	0.00	0.00
4,900.0	15.42	28.05	4,828.4	491.1	261.7	556.5	0.00	0.00	0.00
4,906.6	15.42	28.05	4,834.8	492.7	262.5	558.3	0.00	0.00	0.00

Bill Barrett Corp
Planning Report

Database:	Compass	Local Co-ordinate Reference:	Site Aurora Federal 15-28-7-20
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 4807.0ft (Original Well Elev)
Project:	UINTAH COUNTY	MD Reference:	KB @ 4807.0ft (Original Well Elev)
Site:	Aurora Federal 15-28-7-20	North Reference:	True
Well:	Aurora Federal 15-28D-7-20	Survey Calculation Method:	Minimum Curvature
Wellbore:	Plan #1		
Design:	Design #1 15Aug2011		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,000.0	13.08	28.05	4,925.3	513.0	273.3	581.3	2.50	-2.50	0.00
5,100.0	10.58	28.05	5,023.2	531.1	283.0	601.8	2.50	-2.50	0.00
5,200.0	8.08	28.05	5,121.8	545.4	290.6	618.0	2.50	-2.50	0.00
5,300.0	5.58	28.05	5,221.1	555.9	296.2	629.9	2.50	-2.50	0.00
5,400.0	3.08	28.05	5,320.8	562.5	299.7	637.4	2.50	-2.50	0.00
5,500.0	0.58	28.05	5,420.8	565.4	301.2	640.6	2.50	-2.50	0.00
5,523.2	0.00	0.00	5,444.0	565.5	301.3	640.7	2.50	-2.50	-120.77
TGR3 - 15-28D TGR3									
5,600.0	0.00	0.00	5,520.8	565.5	301.3	640.7	0.00	0.00	0.00
5,700.0	0.00	0.00	5,620.8	565.5	301.3	640.7	0.00	0.00	0.00
5,800.0	0.00	0.00	5,720.8	565.5	301.3	640.7	0.00	0.00	0.00
5,900.0	0.00	0.00	5,820.8	565.5	301.3	640.7	0.00	0.00	0.00
6,000.0	0.00	0.00	5,920.8	565.5	301.3	640.7	0.00	0.00	0.00
6,100.0	0.00	0.00	6,020.8	565.5	301.3	640.7	0.00	0.00	0.00
6,200.0	0.00	0.00	6,120.8	565.5	301.3	640.7	0.00	0.00	0.00
6,300.0	0.00	0.00	6,220.8	565.5	301.3	640.7	0.00	0.00	0.00
6,400.0	0.00	0.00	6,320.8	565.5	301.3	640.7	0.00	0.00	0.00
6,500.0	0.00	0.00	6,420.8	565.5	301.3	640.7	0.00	0.00	0.00
6,600.0	0.00	0.00	6,520.8	565.5	301.3	640.7	0.00	0.00	0.00
6,673.2	0.00	0.00	6,594.0	565.5	301.3	640.7	0.00	0.00	0.00
Black Shale Facies									
6,700.0	0.00	0.00	6,620.8	565.5	301.3	640.7	0.00	0.00	0.00
6,800.0	0.00	0.00	6,720.8	565.5	301.3	640.7	0.00	0.00	0.00
6,900.0	0.00	0.00	6,820.8	565.5	301.3	640.7	0.00	0.00	0.00
7,000.0	0.00	0.00	6,920.8	565.5	301.3	640.7	0.00	0.00	0.00
7,100.0	0.00	0.00	7,020.8	565.5	301.3	640.7	0.00	0.00	0.00
7,200.0	0.00	0.00	7,120.8	565.5	301.3	640.7	0.00	0.00	0.00
7,300.0	0.00	0.00	7,220.8	565.5	301.3	640.7	0.00	0.00	0.00
7,400.0	0.00	0.00	7,320.8	565.5	301.3	640.7	0.00	0.00	0.00
7,500.0	0.00	0.00	7,420.8	565.5	301.3	640.7	0.00	0.00	0.00
7,600.0	0.00	0.00	7,520.8	565.5	301.3	640.7	0.00	0.00	0.00
7,700.0	0.00	0.00	7,620.8	565.5	301.3	640.7	0.00	0.00	0.00
7,733.2	0.00	0.00	7,654.0	565.5	301.3	640.7	0.00	0.00	0.00
Wasatch									
7,800.0	0.00	0.00	7,720.8	565.5	301.3	640.7	0.00	0.00	0.00
7,900.0	0.00	0.00	7,820.8	565.5	301.3	640.7	0.00	0.00	0.00
8,000.0	0.00	0.00	7,920.8	565.5	301.3	640.7	0.00	0.00	0.00
8,100.0	0.00	0.00	8,020.8	565.5	301.3	640.7	0.00	0.00	0.00
8,200.0	0.00	0.00	8,120.8	565.5	301.3	640.7	0.00	0.00	0.00
8,300.0	0.00	0.00	8,220.8	565.5	301.3	640.7	0.00	0.00	0.00
8,400.0	0.00	0.00	8,320.8	565.5	301.3	640.7	0.00	0.00	0.00
8,500.0	0.00	0.00	8,420.8	565.5	301.3	640.7	0.00	0.00	0.00
8,600.0	0.00	0.00	8,520.8	565.5	301.3	640.7	0.00	0.00	0.00
8,700.0	0.00	0.00	8,620.8	565.5	301.3	640.7	0.00	0.00	0.00
8,800.0	0.00	0.00	8,720.8	565.5	301.3	640.7	0.00	0.00	0.00
8,900.0	0.00	0.00	8,820.8	565.5	301.3	640.7	0.00	0.00	0.00
9,000.0	0.00	0.00	8,920.8	565.5	301.3	640.7	0.00	0.00	0.00
9,100.0	0.00	0.00	9,020.8	565.5	301.3	640.7	0.00	0.00	0.00
9,200.0	0.00	0.00	9,120.8	565.5	301.3	640.7	0.00	0.00	0.00
9,300.0	0.00	0.00	9,220.8	565.5	301.3	640.7	0.00	0.00	0.00
9,400.0	0.00	0.00	9,320.8	565.5	301.3	640.7	0.00	0.00	0.00
9,500.0	0.00	0.00	9,420.8	565.5	301.3	640.7	0.00	0.00	0.00
9,600.0	0.00	0.00	9,520.8	565.5	301.3	640.7	0.00	0.00	0.00

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Site Aurora Federal 15-28-7-20
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 4807.0ft (Original Well Elev)
Project:	UINTAH COUNTY	MD Reference:	KB @ 4807.0ft (Original Well Elev)
Site:	Aurora Federal 15-28-7-20	North Reference:	True
Well:	Aurora Federal 15-28D-7-20	Survey Calculation Method:	Minimum Curvature
Wellbore:	Plan #1		
Design:	Design #1 15Aug2011		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
9,700.0	0.00	0.00	9,620.8	565.5	301.3	640.7	0.00	0.00	0.00	
9,733.2	0.00	0.00	9,654.0	565.5	301.3	640.7	0.00	0.00	0.00	
TD - 15-28D PBHL										

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
3,775.1	3,744.0	Green River		0.00		
5,523.2	5,444.0	TGR3		0.00		
6,673.2	6,594.0	Black Shale Facies		0.00		
7,733.2	7,654.0	Wasatch		0.00		
9,733.2	9,654.0	TD		0.00		

T7S, R20E, S.L.B.&M.

BILL BARRETT CORPORATION

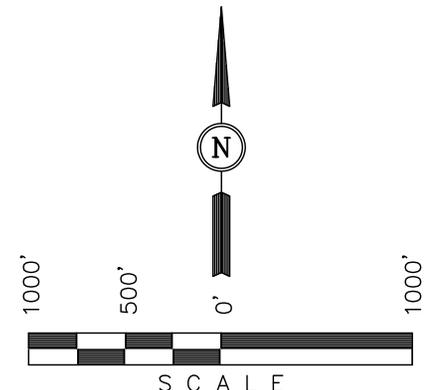
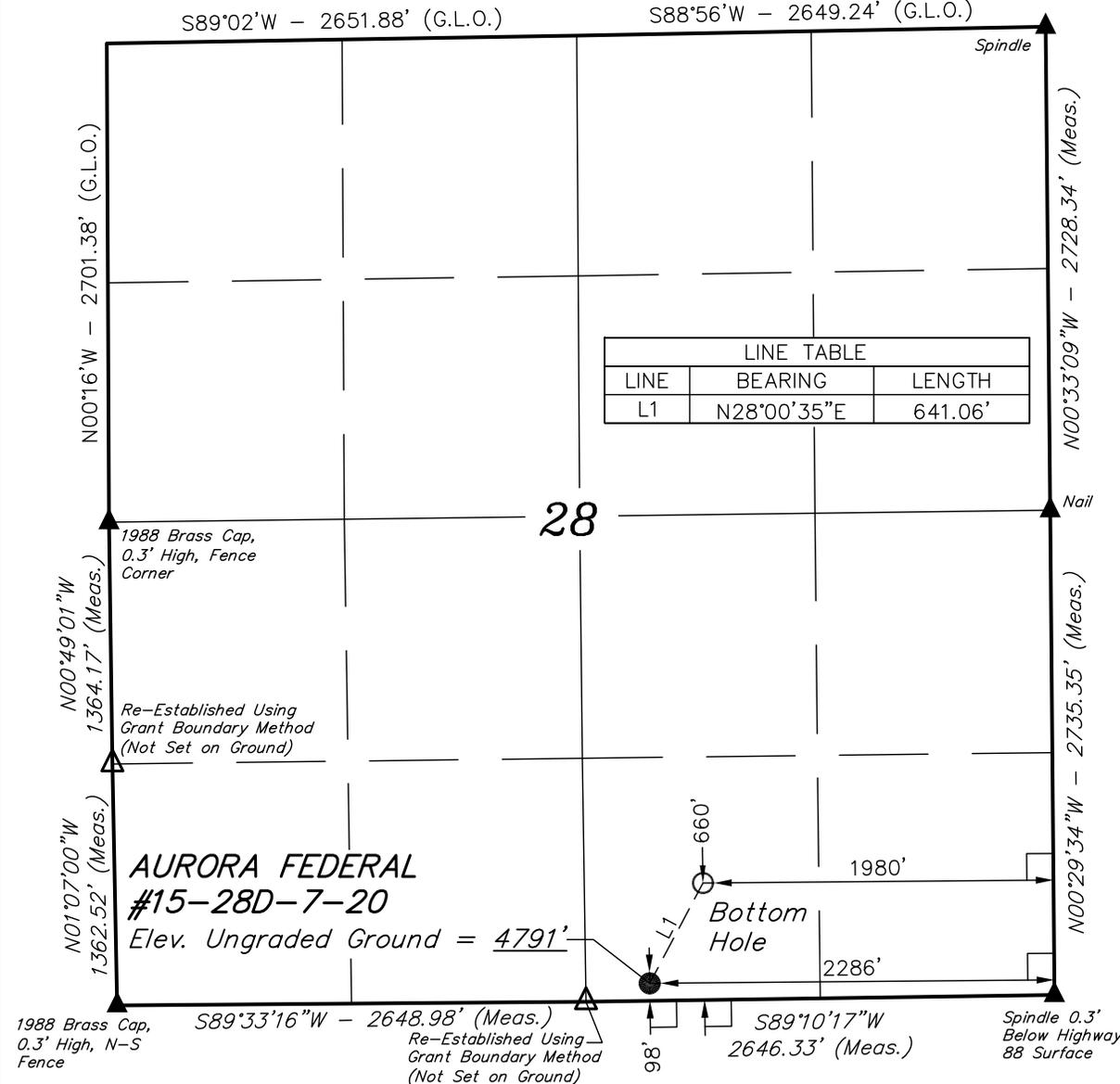
Well location, AURORA FEDERAL #15-28D-7-20, located as shown in the SW 1/4 SE 1/4 of Section 28, T7S, R20E, S.L.B.&M., Uintah County, Utah.

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, UTAH 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.

ROBERT L. KAY
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH
 07-26-11

REVISED: 07-26-11 Z.L.
 REVISED: 05-09-11 S.L.

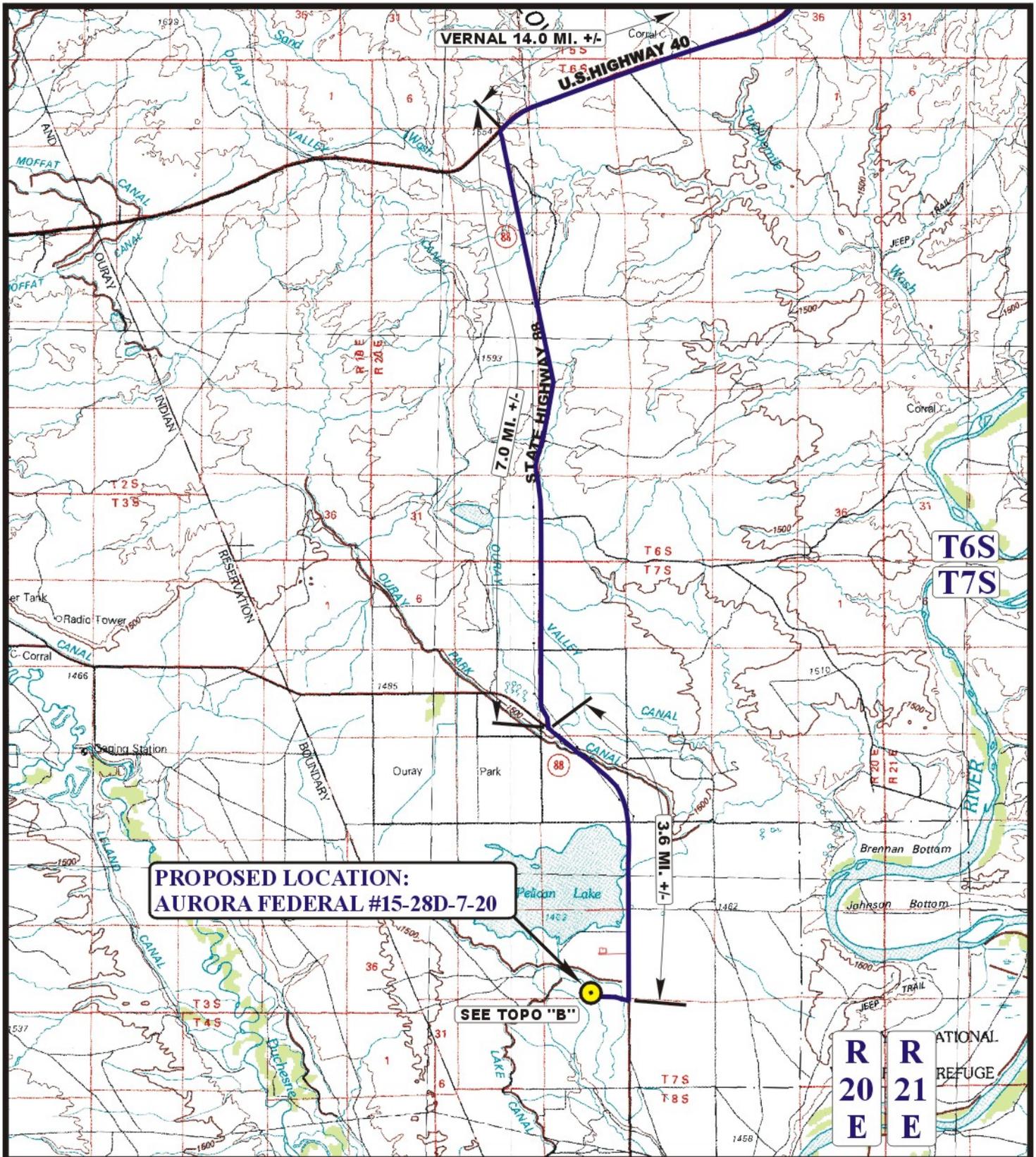
UINTAH ENGINEERING & LAND SURVEYING
 85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (435) 789-1017

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

NAD 83 (TARGET BOTTOM HOLE)		NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°10'32.60" (40.175722)	LONGITUDE = 109°40'17.79" (109.671608)	LATITUDE = 40°10'27.01" (40.174169)	LONGITUDE = 109°40'21.67" (109.672686)
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°10'32.73" (40.175758)	LONGITUDE = 109°40'15.29" (109.670914)	LATITUDE = 40°10'27.14" (40.174206)	LONGITUDE = 109°40'19.17" (109.671992)

SCALE 1" = 1000'	DATE SURVEYED: 10-27-10	DATE DRAWN: 11-04-10
PARTY B.B. C.I. K.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE BILL BARRETT CORPORATION	

RECEIVED: September 14, 2011



**PROPOSED LOCATION:
AURORA FEDERAL #15-28D-7-20**

SEE TOPO "B"

LEGEND:

 PROPOSED LOCATION

BILL BARRETT CORPORATION

**AURORA FEDERAL #15-28D-7-20
SECTION 28, T7S, R20E, S.L.B.&M.
98' FSL 2286' FEL**



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

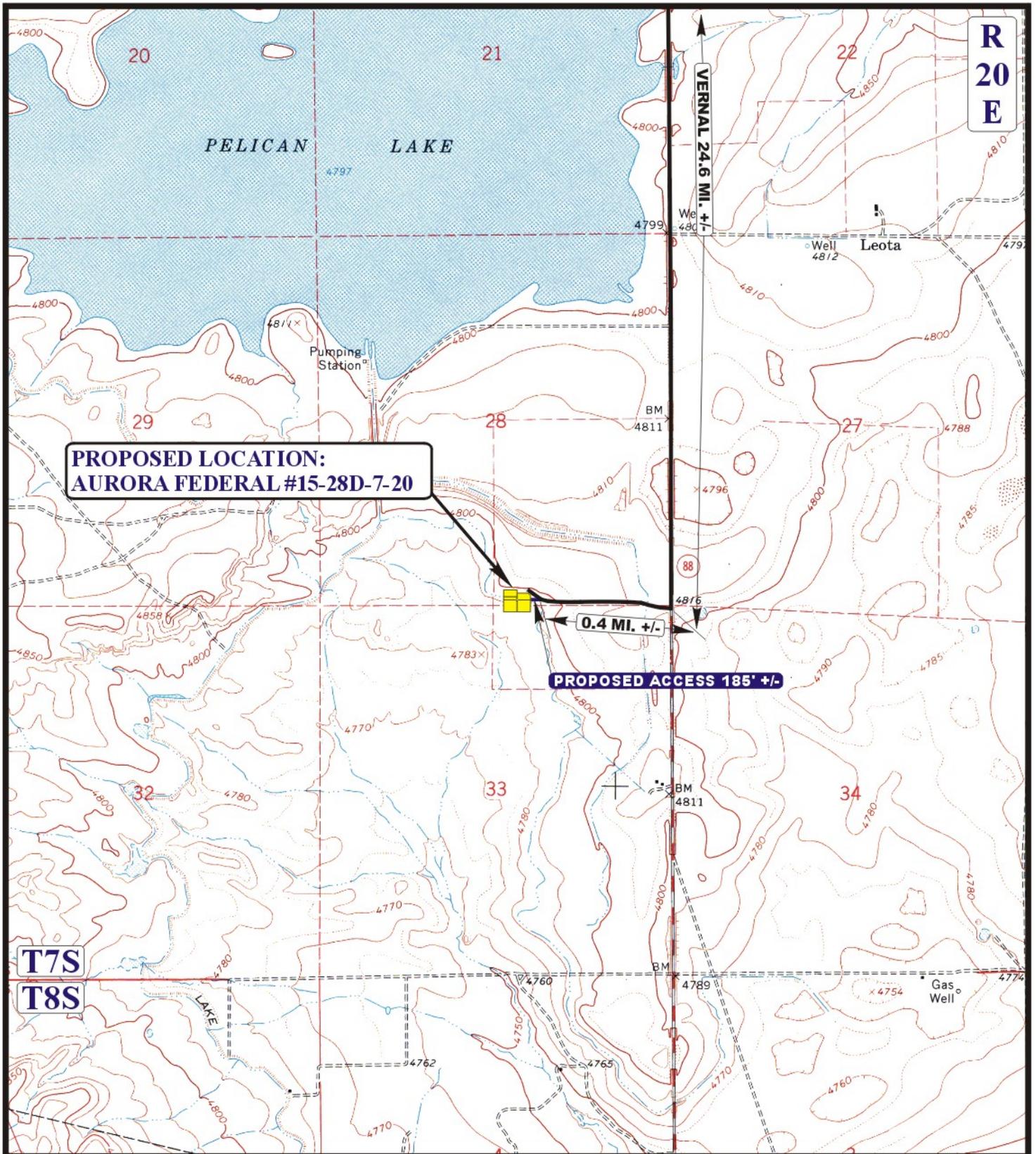


**TOPOGRAPHIC
MAP**

03 11 11
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: J.L.G. REV: 07-26-11 Z.L.





**PROPOSED LOCATION:
AURORA FEDERAL #15-28D-7-20**

0.4 MI. +/-
PROPOSED ACCESS 185' +/-

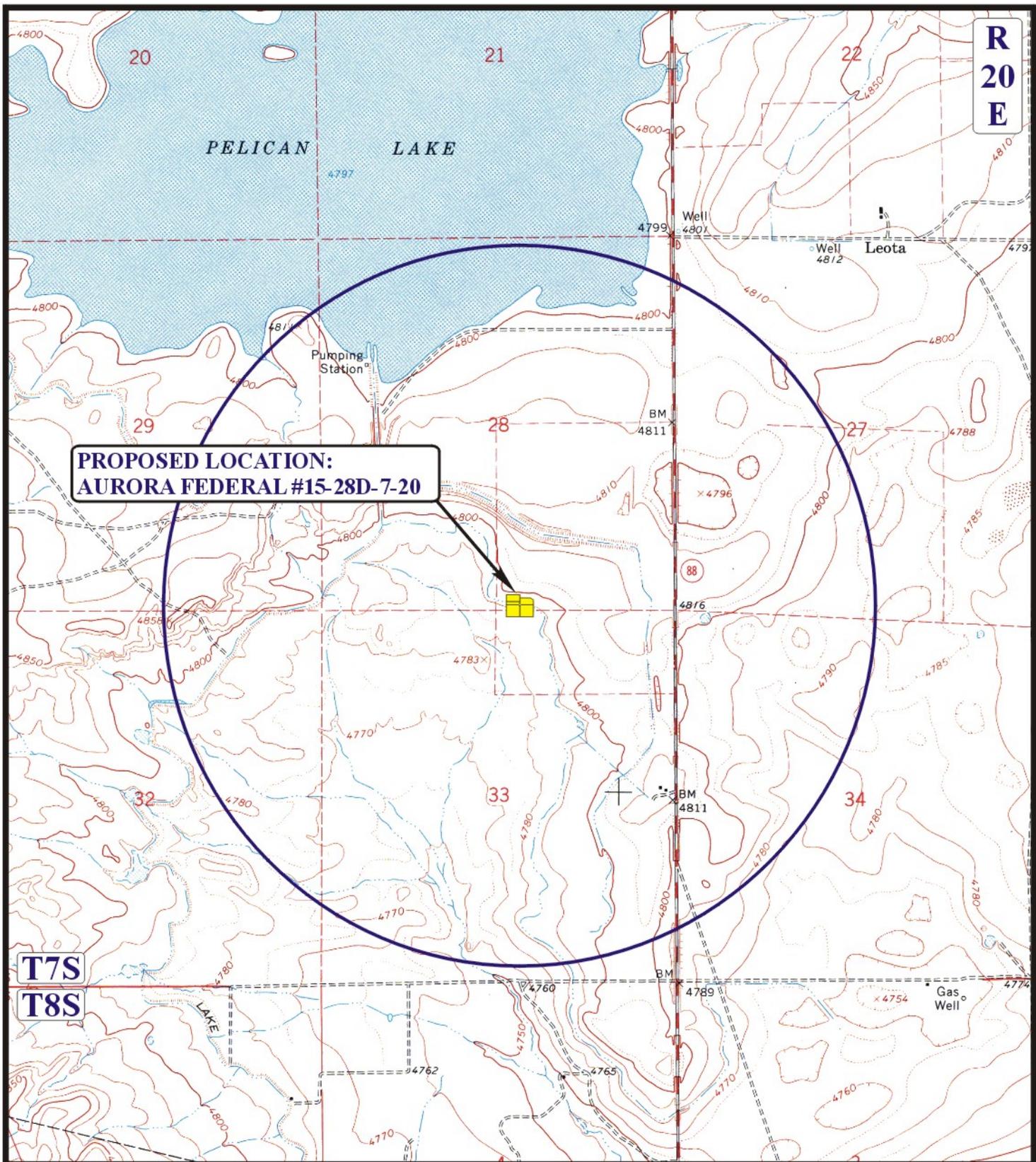
LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD
- * * * * * EXISTING FENCE

BILL BARRETT CORPORATION
AURORA FEDERAL #15-28D-7-20
SECTION 28, T7S, R20E, S.L.B.&M.
98' FSL 2286' FEL

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

TOPOGRAPHIC MAP **03 11 11**
MONTH DAY YEAR
SCALE: 1" = 2000' **DRAWN BY: J.L.G.** **REV: 07-26-11 Z.L.** **B TOPO**



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

BILL BARRETT CORPORATION

AURORA FEDERAL #15-28D-7-20
SECTION 28, T7S, R20E, S.L.B.&M.
98' FSL 2286' FEL



Utah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
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TOPOGRAPHIC	03	11	11	C TOPO
MAP	MONTH	DAY	YEAR	
SCALE: 1" = 2000'		DRAWN BY: J.L.G.		REV: 07-26-11 Z.L.



SECT28-T7S-R20E
98 FSL & 2286 FEL

Site Centre Latitude: 40° 10' 27.142 N
Longitude: 109° 40' 19.171 W

Positional Uncertainty: 0.0
Convergence: 1.21
Local North: True

COMPANY DETAILS: BILL BARRETT CORP

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

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
15-28D TGR3	5444.0	565.5	301.3	40° 10' 32.729 N	109° 40' 15.290 W	Rectangle (Sides: L200.0 W200.0)
15-28D PBHL	9654.0	565.5	301.3	40° 10' 32.729 N	109° 40' 15.290 W	Rectangle (Sides: L200.0 W200.0)

SECTION DETAILS

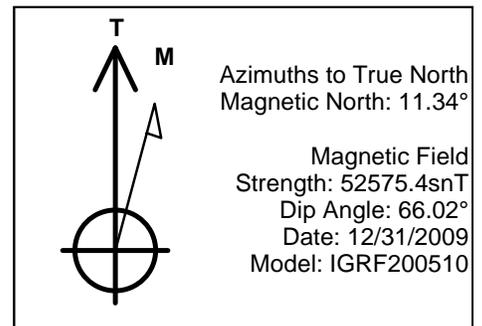
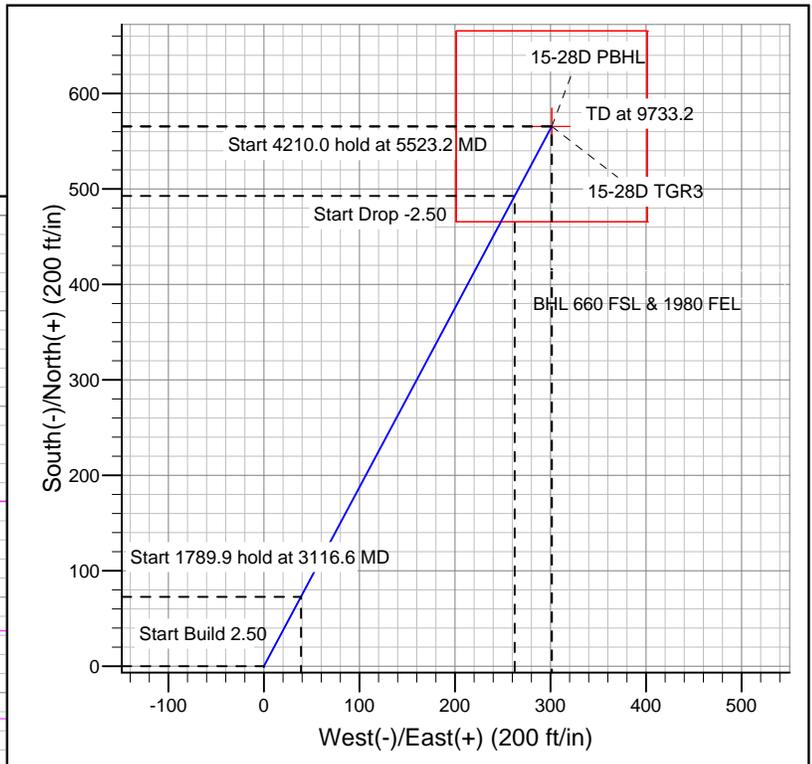
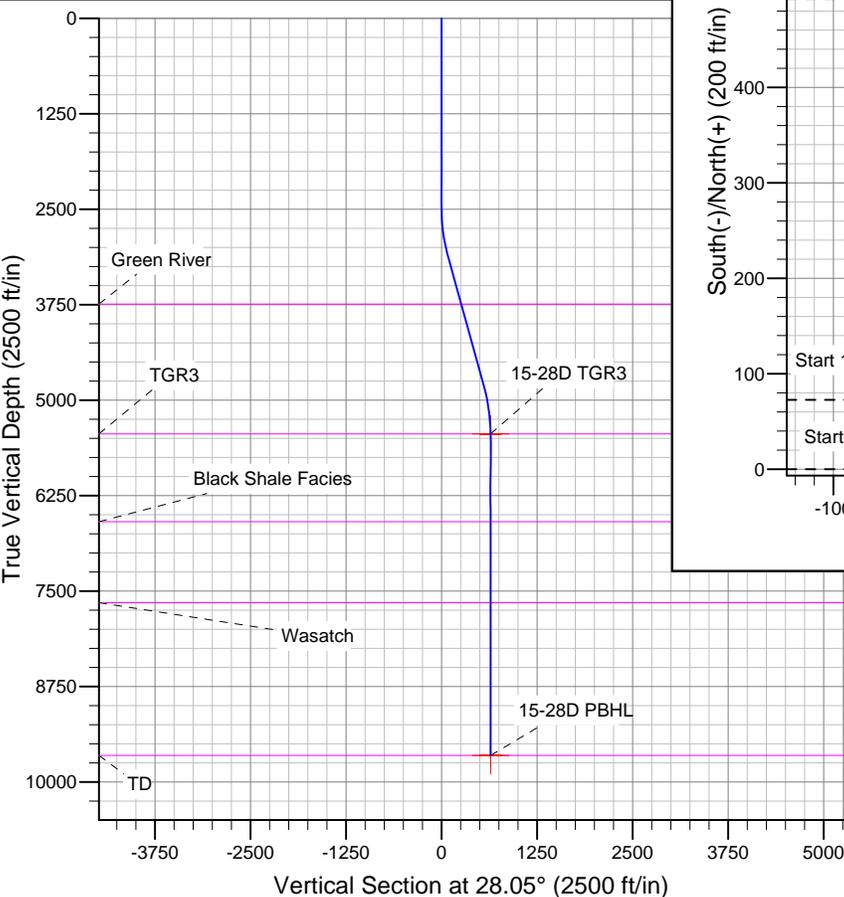
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	2500.0	0.00	0.00	2500.0	0.0	0.0	0.00	0.00	0.0	
3	3116.6	15.42	28.05	3109.2	72.8	38.8	2.50	28.05	82.5	
4	4906.6	15.42	28.05	4834.8	492.7	262.5	0.00	0.00	558.3	
5	5523.2	0.00	0.00	5444.0	565.5	301.3	2.50	180.00	640.7	15-28D TGR3
6	9733.2	0.00	0.00	9654.0	565.5	301.3	0.00	0.00	640.7	15-28D PBHL

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
3744.0	3775.1	Green River
5444.0	5523.2	TGR3
6594.0	6673.2	Black Shale Facies
7654.0	7733.2	Wasatch
9654.0	9733.2	TD

CASING DETAILS

No casing data is available



Bill Barrett Corp
Planning Report

Database:	Compass	Local Co-ordinate Reference:	Site Aurora Federal 15-28-7-20
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 4807.0ft (Original Well Elev)
Project:	UINTAH COUNTY	MD Reference:	KB @ 4807.0ft (Original Well Elev)
Site:	Aurora Federal 15-28-7-20	North Reference:	True
Well:	Aurora Federal 15-28D-7-20	Survey Calculation Method:	Minimum Curvature
Wellbore:	Plan #1		
Design:	Design #1 15Aug2011		

Project	UINTAH COUNTY		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Ground Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Utah North 4301		

Site	Aurora Federal 15-28-7-20, SECT28-T7S-R20E				
Site Position:		Northing:	-16,033.08 m	Latitude:	40° 10' 27.142 N
From:	Lat/Long	Easting:	765,317.60 m	Longitude:	109° 40' 19.171 W
Position Uncertainty:	0.0 ft	Slot Radius:	in	Grid Convergence:	1.21 °

Well	Aurora Federal 15-28D-7-20, 98 FSL & 2286 FEL					
Well Position	+N/-S	0.0 ft	Northing:	-16,033.08 m	Latitude:	40° 10' 27.141 N
	+E/-W	0.0 ft	Easting:	765,317.60 m	Longitude:	109° 40' 19.171 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	4,791.0 ft

Wellbore	Plan #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	11.34	66.02	52,575

Design	Design #1 15Aug2011			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	28.05

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.00	0.00	0.00	0.00	
3,116.6	15.42	28.05	3,109.2	72.8	38.8	2.50	2.50	0.00	28.05	
4,906.6	15.42	28.05	4,834.8	492.7	262.5	0.00	0.00	0.00	0.00	
5,523.2	0.00	0.00	5,444.0	565.5	301.3	2.50	-2.50	0.00	180.00	15-28D TGR3
9,733.2	0.00	0.00	9,654.0	565.5	301.3	0.00	0.00	0.00	0.00	15-28D PBHL

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Site Aurora Federal 15-28-7-20
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 4807.0ft (Original Well Elev)
Project:	UINTAH COUNTY	MD Reference:	KB @ 4807.0ft (Original Well Elev)
Site:	Aurora Federal 15-28-7-20	North Reference:	True
Well:	Aurora Federal 15-28D-7-20	Survey Calculation Method:	Minimum Curvature
Wellbore:	Plan #1		
Design:	Design #1 15Aug2011		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	2.50	28.05	2,600.0	1.9	1.0	2.2	2.50	2.50	0.00
2,700.0	5.00	28.05	2,699.7	7.7	4.1	8.7	2.50	2.50	0.00
2,800.0	7.50	28.05	2,799.1	17.3	9.2	19.6	2.50	2.50	0.00
2,900.0	10.00	28.05	2,898.0	30.7	16.4	34.8	2.50	2.50	0.00
3,000.0	12.50	28.05	2,996.0	47.9	25.5	54.3	2.50	2.50	0.00
3,100.0	15.00	28.05	3,093.2	68.9	36.7	78.1	2.50	2.50	0.00
3,116.6	15.42	28.05	3,109.2	72.8	38.8	82.5	2.50	2.50	0.00
3,200.0	15.42	28.05	3,189.6	92.3	49.2	104.6	0.00	0.00	0.00
3,300.0	15.42	28.05	3,286.0	115.8	61.7	131.2	0.00	0.00	0.00
3,400.0	15.42	28.05	3,382.4	139.2	74.2	157.8	0.00	0.00	0.00
3,500.0	15.42	28.05	3,478.8	162.7	86.7	184.4	0.00	0.00	0.00
3,600.0	15.42	28.05	3,575.2	186.2	99.2	210.9	0.00	0.00	0.00
3,700.0	15.42	28.05	3,671.6	209.6	111.7	237.5	0.00	0.00	0.00
3,775.1	15.42	28.05	3,744.0	227.2	121.1	257.5	0.00	0.00	0.00
Green River									
3,800.0	15.42	28.05	3,768.0	233.1	124.2	264.1	0.00	0.00	0.00
3,900.0	15.42	28.05	3,864.4	256.5	136.7	290.7	0.00	0.00	0.00
4,000.0	15.42	28.05	3,960.8	280.0	149.2	317.3	0.00	0.00	0.00
4,100.0	15.42	28.05	4,057.2	303.5	161.7	343.9	0.00	0.00	0.00
4,200.0	15.42	28.05	4,153.6	326.9	174.2	370.4	0.00	0.00	0.00
4,300.0	15.42	28.05	4,250.0	350.4	186.7	397.0	0.00	0.00	0.00
4,400.0	15.42	28.05	4,346.4	373.8	199.2	423.6	0.00	0.00	0.00
4,500.0	15.42	28.05	4,442.8	397.3	211.7	450.2	0.00	0.00	0.00
4,600.0	15.42	28.05	4,539.2	420.8	224.2	476.8	0.00	0.00	0.00
4,700.0	15.42	28.05	4,635.6	444.2	236.7	503.4	0.00	0.00	0.00
4,800.0	15.42	28.05	4,732.0	467.7	249.2	529.9	0.00	0.00	0.00
4,900.0	15.42	28.05	4,828.4	491.1	261.7	556.5	0.00	0.00	0.00
4,906.6	15.42	28.05	4,834.8	492.7	262.5	558.3	0.00	0.00	0.00

Bill Barrett Corp
 Planning Report

Database:	Compass	Local Co-ordinate Reference:	Site Aurora Federal 15-28-7-20
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 4807.0ft (Original Well Elev)
Project:	UINTAH COUNTY	MD Reference:	KB @ 4807.0ft (Original Well Elev)
Site:	Aurora Federal 15-28-7-20	North Reference:	True
Well:	Aurora Federal 15-28D-7-20	Survey Calculation Method:	Minimum Curvature
Wellbore:	Plan #1		
Design:	Design #1 15Aug2011		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,000.0	13.08	28.05	4,925.3	513.0	273.3	581.3	2.50	-2.50	0.00
5,100.0	10.58	28.05	5,023.2	531.1	283.0	601.8	2.50	-2.50	0.00
5,200.0	8.08	28.05	5,121.8	545.4	290.6	618.0	2.50	-2.50	0.00
5,300.0	5.58	28.05	5,221.1	555.9	296.2	629.9	2.50	-2.50	0.00
5,400.0	3.08	28.05	5,320.8	562.5	299.7	637.4	2.50	-2.50	0.00
5,500.0	0.58	28.05	5,420.8	565.4	301.2	640.6	2.50	-2.50	0.00
5,523.2	0.00	0.00	5,444.0	565.5	301.3	640.7	2.50	-2.50	-120.77
TGR3 - 15-28D TGR3									
5,600.0	0.00	0.00	5,520.8	565.5	301.3	640.7	0.00	0.00	0.00
5,700.0	0.00	0.00	5,620.8	565.5	301.3	640.7	0.00	0.00	0.00
5,800.0	0.00	0.00	5,720.8	565.5	301.3	640.7	0.00	0.00	0.00
5,900.0	0.00	0.00	5,820.8	565.5	301.3	640.7	0.00	0.00	0.00
6,000.0	0.00	0.00	5,920.8	565.5	301.3	640.7	0.00	0.00	0.00
6,100.0	0.00	0.00	6,020.8	565.5	301.3	640.7	0.00	0.00	0.00
6,200.0	0.00	0.00	6,120.8	565.5	301.3	640.7	0.00	0.00	0.00
6,300.0	0.00	0.00	6,220.8	565.5	301.3	640.7	0.00	0.00	0.00
6,400.0	0.00	0.00	6,320.8	565.5	301.3	640.7	0.00	0.00	0.00
6,500.0	0.00	0.00	6,420.8	565.5	301.3	640.7	0.00	0.00	0.00
6,600.0	0.00	0.00	6,520.8	565.5	301.3	640.7	0.00	0.00	0.00
6,673.2	0.00	0.00	6,594.0	565.5	301.3	640.7	0.00	0.00	0.00
Black Shale Facies									
6,700.0	0.00	0.00	6,620.8	565.5	301.3	640.7	0.00	0.00	0.00
6,800.0	0.00	0.00	6,720.8	565.5	301.3	640.7	0.00	0.00	0.00
6,900.0	0.00	0.00	6,820.8	565.5	301.3	640.7	0.00	0.00	0.00
7,000.0	0.00	0.00	6,920.8	565.5	301.3	640.7	0.00	0.00	0.00
7,100.0	0.00	0.00	7,020.8	565.5	301.3	640.7	0.00	0.00	0.00
7,200.0	0.00	0.00	7,120.8	565.5	301.3	640.7	0.00	0.00	0.00
7,300.0	0.00	0.00	7,220.8	565.5	301.3	640.7	0.00	0.00	0.00
7,400.0	0.00	0.00	7,320.8	565.5	301.3	640.7	0.00	0.00	0.00
7,500.0	0.00	0.00	7,420.8	565.5	301.3	640.7	0.00	0.00	0.00
7,600.0	0.00	0.00	7,520.8	565.5	301.3	640.7	0.00	0.00	0.00
7,700.0	0.00	0.00	7,620.8	565.5	301.3	640.7	0.00	0.00	0.00
7,733.2	0.00	0.00	7,654.0	565.5	301.3	640.7	0.00	0.00	0.00
Wasatch									
7,800.0	0.00	0.00	7,720.8	565.5	301.3	640.7	0.00	0.00	0.00
7,900.0	0.00	0.00	7,820.8	565.5	301.3	640.7	0.00	0.00	0.00
8,000.0	0.00	0.00	7,920.8	565.5	301.3	640.7	0.00	0.00	0.00
8,100.0	0.00	0.00	8,020.8	565.5	301.3	640.7	0.00	0.00	0.00
8,200.0	0.00	0.00	8,120.8	565.5	301.3	640.7	0.00	0.00	0.00
8,300.0	0.00	0.00	8,220.8	565.5	301.3	640.7	0.00	0.00	0.00
8,400.0	0.00	0.00	8,320.8	565.5	301.3	640.7	0.00	0.00	0.00
8,500.0	0.00	0.00	8,420.8	565.5	301.3	640.7	0.00	0.00	0.00
8,600.0	0.00	0.00	8,520.8	565.5	301.3	640.7	0.00	0.00	0.00
8,700.0	0.00	0.00	8,620.8	565.5	301.3	640.7	0.00	0.00	0.00
8,800.0	0.00	0.00	8,720.8	565.5	301.3	640.7	0.00	0.00	0.00
8,900.0	0.00	0.00	8,820.8	565.5	301.3	640.7	0.00	0.00	0.00
9,000.0	0.00	0.00	8,920.8	565.5	301.3	640.7	0.00	0.00	0.00
9,100.0	0.00	0.00	9,020.8	565.5	301.3	640.7	0.00	0.00	0.00
9,200.0	0.00	0.00	9,120.8	565.5	301.3	640.7	0.00	0.00	0.00
9,300.0	0.00	0.00	9,220.8	565.5	301.3	640.7	0.00	0.00	0.00
9,400.0	0.00	0.00	9,320.8	565.5	301.3	640.7	0.00	0.00	0.00
9,500.0	0.00	0.00	9,420.8	565.5	301.3	640.7	0.00	0.00	0.00
9,600.0	0.00	0.00	9,520.8	565.5	301.3	640.7	0.00	0.00	0.00

Bill Barrett Corp
Planning Report

Database:	Compass	Local Co-ordinate Reference:	Site Aurora Federal 15-28-7-20
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 4807.0ft (Original Well Elev)
Project:	UINTAH COUNTY	MD Reference:	KB @ 4807.0ft (Original Well Elev)
Site:	Aurora Federal 15-28-7-20	North Reference:	True
Well:	Aurora Federal 15-28D-7-20	Survey Calculation Method:	Minimum Curvature
Wellbore:	Plan #1		
Design:	Design #1 15Aug2011		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
9,700.0	0.00	0.00	9,620.8	565.5	301.3	640.7	0.00	0.00	0.00	
9,733.2	0.00	0.00	9,654.0	565.5	301.3	640.7	0.00	0.00	0.00	
TD - 15-28D PBHL										

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
3,775.1	3,744.0	Green River		0.00		
5,523.2	5,444.0	TGR3		0.00		
6,673.2	6,594.0	Black Shale Facies		0.00		
7,733.2	7,654.0	Wasatch		0.00		
9,733.2	9,654.0	TD		0.00		

AMENDED SURFACE USE AGREEMENT
(Four Star Federal 28-43-7-20 WELL)

THIS AGREEMENT Dated November 22, 2010 by and between _____, whose address is Four Star Ranch, Inc., whose address is 8281 N. Trails Drive, Park City, Utah 84098, hereinafter referred to as "Surface Owner", and ELK RESOURCES, LLC, whose address is 1401 17TH STREET, SUITE 700, 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 **SW/4SE/4 of Section 28 and the NW/4NE/4 of Section 33 all in Township 7 South, Range 20 East** containing **4.081** acres, more or less and more fully 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.

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.

SURFACE OWNER:

David R. Yeaman
By: **Four Star Ranch, Inc.**
David R. Yeaman, President

3/24/11
Date

SS/Tax ID# 87-0355684

STATE of Utah
COUNTY of Uintah

ACKNOWLEDGEMENT-INDIVIDUAL

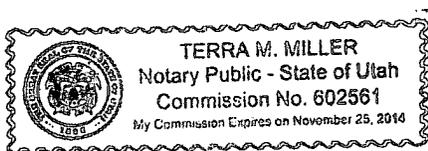
BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this 24th day of March, 2011, personally appeared David R. Yeaman, President of Four Star Ranch, Inc.

_____, to me known to be the identical person _____, described in and who executed the within and foregoing instrument of writing and acknowledged to me that he _____ duly executed same as _____ his _____ free and voluntary act and deed for the uses and purposes therein set forth and in the capacity stated therein.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

My Commission Expires: November 25, 2014

Terra M. Miller
Notary Public:



BILL BARRETT CORPORATION
SURFACE USE PLAN

Aurora Federal #15-28D-7-20

SW SE, 98' FSL and 2286' FEL, Section 28, T7S-R20E, S.L.B.&M.
SW SE, 660' FSL and 1980' FEL, Section 28, T7S-R20E, S.L.B.&M.
Uintah County, UT

The onsite inspection for this pad (fka Four Star Federal 28-43-7-20) occurred on April 28, 2011. Site specific conditions or changes as a result of that onsite are indicated below. Plat changes requested at the onsite are reflected within this APD.

- a) Per surface owner's request; the landowner will be notified sufficiently prior to location construction so the landowner can move an existing 1000' of 10" PVC irrigation pipeline currently located in the proposed pad area;
- b) The pad area will be fenced and cross fences will be reestablished to connect with the pad fence;
- c) Pad will be rounded to avoid impacts to existing farm access road as shown in the attached plat package;
- d) Topsoil piles will be minimized spatially to minimize crop damages.

The excavation contractor would be provided with an approved copy of the surface use plan of operations before initiating construction.

1. **Existing Roads:**

- a. The proposed well site is located approximately 25.0 miles southwest of Vernal, Utah. Maps and directions reflecting the route to the proposed well site are included (see Topographic maps A and B).
- b. The UDOT maintained SR-88 would be utilized to the existing Four Star Ranch, Inc. access road that will be utilized for 0.4 miles trending west to the planned new access road.
- c. Project roads would require routine year-round maintenance to provide year-round access. Maintenance would include inspections, reduction of ruts and holes, maintenance to keep water off the road, replacement of surfacing materials, and clearing of sediment blocking ditches and culverts. Should snow removal become necessary, roads would be cleared with a motor grader and snow would be stored along the down gradient side to prohibit runoff onto the road. Aggregate would be used as necessary to maintain a solid running surface and minimize dust generation.
- d. Vehicle operators would obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions. Travel would be limited to the existing access roads and proposed access road.

Bill Barrett Corporation
Surface Use Plan
#15-28D-7-20
Uintah County, UT

- e. The use of roads under State Road Department maintenance are necessary to access the project area with no improvements proposed. The existing UDOT encroachment will be utilized with no improvements proposed.
- f. All existing roads would be maintained and kept in good repair during all phases of operation.

2. Planned Access Road:

- a. Approximately 185 feet of new access road trending west across entirely private surface would provide access to the proposed well pad (see Topographic Map B).
- b. The planned access road would be constructed to a 30-foot ROW width with an 18-foot travel surface. See section 12.d. below for disturbance estimates.
- c. New road construction and improvements of existing roads would typically require the use of motor graders, crawler tractors, 10-yard end dump trucks, and water trucks. The standard methodology for building new roads involves the use of a crawler tractor or track hoe to windrow the vegetation to one side of the road corridor, remove topsoil to the opposing side of the corridor, and rough-in the roadway. This is followed by a grader or bulldozer to establish barrow ditches and crown the road surface. Where culverts are required, a track hoe or backhoe would trench the road and install the culverts. Some hand labor would be required when installing and armoring culverts. Road base or gravel in some instances would be necessary and would be hauled in and a grader used to smooth the running surface.
- d. The proposed road would be constructed to facilitate drainage, control erosion and minimize visual impacts by following natural contours where practical. No unnecessary side-casting of material would occur on steep slopes.
- e. A maximum grade of 10% would be maintained throughout the project with minimum cuts and fills, as necessary, to access the well.
- f. Excess rock from construction of the pad may be used for surfacing of the access road if necessary. Any additional aggregate necessary would be obtained from private or State of Utah lands in conformance with applicable regulations. Aggregate would be of sufficient size, type, and amount to allow all weather access and alleviate dust.
- g. Where topsoil removal is necessary, it would be windrowed (i.e. stockpiled/accumulated along the edge of the ROW and in a low row/pile parallel with the ROW) and re-spread over the disturbed area after construction and backfilling are completed. Vegetation removed from the disturbed area would also be re-spread to provide protection, nutrient recycling, and a seed source for reclamation.

Bill Barrett Corporation
Surface Use Plan
#15-28D-7-20
Uintah County, UT

- h. Turnouts are not proposed.
 - i. No culverts or low-water crossings are anticipated. Adequate drainage structures, where necessary, would be incorporated into the remainder of the road to prevent soil erosion and accommodate all-weather traffic.
 - j. No gates or cattle guards are anticipated at this time.
 - k. Surface disturbance and vehicular travel would be limited to the approved location access road. Adequate signs would be posted, as necessary, to warn the public of project related traffic.
 - l. All access roads and surface disturbing activities would conform to the appropriate standard, **no higher than necessary**, to accommodate their intended function adequately as outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition – Revised 2007.
 - m. The operator would be responsible for all maintenance needs of the new access road.
3. Location of Existing Wells (see One-Mile Radius Map):
- a. Following is a list of wells with surface hole locations within a one-mile radius of the proposed pad:
 - i. water wells none
 - ii. injection wells none
 - iii. disposal wells none
 - iv. drilling wells none
 - v. temp shut-in wells none
 - vi. producing wells none
 - vii. abandoned wells none

4. Location of Production Facilities

- a. Surface facilities would consist of a wellhead, separator, gas meter, (1) 500 gal methanol tank, (1) 500 glycol tank, (3) 500 bbl oil tanks, (1) 500 bbl water tank, (1) 500 bbl test tank, (1) 1000 gal propane tank, a pumping unit or Roto-flex unit or gas lift unit with a natural gas fired motor, solar panels, solar chemical and methanol pumps and one trace pump. See attached proposed facility diagram.
- b. Most wells would be fitted with a pump jack or Roto-flex unit or gas lift to assist liquid production if liquid volumes and/or low formation pressures require it. Plunger lift systems do not require any outside source of energy. The prime mover for pump jacks or Roto-flex units would be small (75 horsepower or less), natural gas-fired internal combustion engines.

Bill Barrett Corporation
Surface Use Plan
#15-28D-7-20
Uintah County, UT

If a gas lift is installed, it would be set on a 10 ft x 15 ft pad and the prime mover would be a natural gas-fired internal combustion engine rated at 200 horsepower or less or an electric compressor of similar horsepower powered by a generator.

- c. The tank battery would be surrounded by a secondary containment berm of sufficient capacity to contain 1.1 times the entire capacity of the largest single tank and sufficient freeboard to contain precipitation. All loading lines and valves would be placed inside the berm surrounding the tank battery or would utilize catchment basins to contain spills. All liquid hydrocarbon production and measurement shall conform to the provisions of 43 CFR 3162.7-2 and Onshore Oil and Gas Order No. 4 for the measurement of oil.
- d. Gas meter run(s) would be constructed and located on lease within 500 feet of the wellheads. Meter runs would be housed and/or fenced. As practicably feasible, meters would be equipped with remote telemetry monitoring systems. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- e. A combustor may be installed at this location for control of associated condensate tank emissions. A combustor ranges from 24 inches to 48 inches wide and is approximately 27 ft tall. Combustor placement would be on existing disturbance.
- f. The pipeline route will be submitted via sundry notice subsequently. Pipelines would be constructed of steel, polyethylene or fiberglass and would connect to a proposed pipeline servicing nearby BBC wells.
- g. Any new segment of gas pipeline would be surface laid within a 30 foot wide pipeline corridor adjacent to the proposed access road.
- h. Construction of the ROW would temporarily utilize the 30 foot disturbed width for the road for a total disturbed width of 60 foot for the road and pipeline corridors. The use of the proposed well site and access roads would facilitate the staging of the pipeline construction.
- i. Pipeline construction methods and practices would be planned and conducted by BBC with the objective of enhancing reclamation and fostering the re-establishment of the native plant community.
- j. All permanent above-ground structures would be painted a flat, non-reflective color, such as Beetle Green, to match the standard environmental colors. All facilities would be painted the designated color at the time of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.

Bill Barrett Corporation
 Surface Use Plan
 #15-28D-7-20
 Uintah County, UT

- k. Site security guidelines identified in 43 CFR 3162.7-5 and Onshore Oil and Gas Order No. 3 would be adhered to. Any modifications to proposed facilities would be reflected in the site security diagram submitted.
- l. The site would require periodic maintenance to ensure that drainages are kept open and free of debris, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.

5. Location and Type of Water Supply:

- a. Water for the drilling and completion would be trucked from any of the following locations:

Water Right No. and Application or Change No.	Applicant	Allocation	Priority Date	Point of Diversion	Source
49-1645 (A35800)	RN Industries, Inc.	50 ac-ft	4/10/2011	Sec 9, T8S, R20E, SLB&M	Underground Well
49-2336 (t78808)	RN Industries, Inc.	20 ac-ft	4/7/2011	Sec 33, T8S, R20E, SLB&M	Green River
43-8496 (A53617)	A-1 Tank Rental	0.015 cfs	8/17/1979	Sec 32, T4S, R3E, USB&M	Underground Well
43-10288 (A65273)	Nile Chapman (RNI)	0.45 ac-ft	4/4/1991	Sec 9, T2S, R2W, USB&M	Underground Well

- b. No new water well is proposed with this application.
- c. Should additional water sources be pursued they would be properly permitted through the State of Utah – Division of Water Rights.
- d. Water use would vary in accordance with the formations to be drilled but would be up to approximately 5.41 acre feet for drilling and completion operations.

6. Source of Construction Material:

- a. The use of materials would conform to 43 CFR 3610.2-3.
- b. No construction materials would be removed from the lease or EDA area.
- c. If any additional gravel is required, it would be obtained from a local supplier having a permitted source of materials within the general area.

Bill Barrett Corporation
Surface Use Plan
#15-28D-7-20
Uintah County, UT

7. Methods of Handling Waste Disposal:

- a. All wastes associated with this application would be contained and disposed of utilizing approved facilities.
- b. The reserve pit would be constructed so as not to leak, break or allow any discharge.
- c. The reserve would be lined with 12 mil (minimum) thickness polyethylene nylon reinforced liner material. The liner(s) would overlay straw, dirt and/or bentonite if rock is encountered during excavation. The liner would overlap the pit walls and be covered with dirt and/or rocks to hold them in place. No trash, scrap pipe, or other materials that could puncture the liner would be discarded in the pit. A minimum of two feet of free board would be maintained between the maximum fluid level and the top of the reserve pit at all times.
- d. To deter livestock from entering the pit, the three sides exterior to the location would be fenced before drilling starts. Following the conclusion of drilling and completion activities, the fourth side would also be fenced.
- e. Drill cuttings would be contained in the pit and buried on-site for a period not to exceed six months, weather permitting
- f. Produced fluids from the well other than water would be decanted into steel test tank(s) until such time as construction of production facilities is completed. Any oil that may be accumulated would be transferred to a permanent production tank. Produced water may be used in further drilling and completion activities, evaporated in the pit, or would be hauled to one of the state-approved disposal facilities below:

Disposal Facilities
1. LaPoint Recycle & Storage – Sec. 12, T5S-R19E
2. Dalbo, Inc. Ace Disposal, Sec. 35, T5S-R20W & Sec. 2, T6S-R20W

- g. Any salts and/or chemicals, which are an integral part of the drilling system, would be disposed of in the same manner as the drilling fluid.
- h. Any spills of oil, condensate, produced or frac water, drilling fluids, or other potentially deleterious substances would be recovered and either returned to its origin or disposed of at an approved disposal site, most likely in Duchesne, Utah.
- i. Chemicals on the EPA's Consolidated List of Chemicals subject to reporting under Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) may be used or stored in quantities over reportable quantities. In the course of drilling, BBC could potentially store and use diesel fuel, sand (silica), hydrochloric acid, and CO₂ gas, all described as hazardous substances in 40 CFR Part 302, Section 302.4, in quantities exceeding 10,000 pounds. In addition,

Bill Barrett Corporation
Surface Use Plan
#15-28D-7-20
Uintah County, UT

natural gas condensate and crude oil and methanol may be stored or used in reportable quantities. Small quantities of retail products (paint/spray paints, solvents {e.g., WD-40}, and lubrication oil) containing non-reportable volumes of hazardous substances may be stored and used on site at any time. No extremely hazardous substances, as defined in 40 CFR 355, would be used, produced, stored, transported or disposed of in association with the drilling, testing or completion of the wells.

- j. Portable toilets and trash containers would be located onsite during drilling and completion operations. A commercial supplier would install and maintain portable toilets and equipment and would be responsible for removing sanitary waste. Sanitary waste facilities (i.e. toilet holding tanks) would be regularly pumped and their contents disposed of at approved sewage disposal facilities in Duchesne, and/or Uintah Counties, in accordance with applicable rules and regulations regarding sewage treatment and disposal. Accumulated trash and nonflammable waste materials would be hauled to an approved landfill once a week or as often as necessary. All debris and waste materials not contained in the trash containers would be cleaned up, removed from the construction ROW, well pad, or worker housing location, and disposed of at an approved landfill. Trash would be cleaned up everyday.
- k. Sanitary waste equipment and trash bins would be removed from the Project Area upon completion of access road or pipeline construction; following drilling and completion operations at an individual well pad; when worker housing is no longer needed; or as required.
- l. A flare pit may be constructed a minimum of 110' from the wellhead(s) and may be used during completion work. In the event a flare pit proves to be unworkable, a temporary flare stack or open top tank would be installed. BBC would flow back as much fluid and gas as possible into pressurized vessels, separating the fluids from the gas. In some instances, due to the completion fluids utilized within the Project Area, it is not feasible to direct the flow stream from the wellbore through pressurized vessels. In such instances BBC proposes to direct the flow to the open top tanks until flow through the pressurized vessels is feasible. At which point the fluid would either be returned to the reserve pit or placed into a tank(s). The gas would be directed to the flare pit, flare stack (each with a constant source of ignition), or may be directed into the sales pipeline.
- m. Hydrocarbons would be removed from the reserve pit would as soon as practical. In the event immediate removal is not practical, the reserve pit would be flagged overhead or covered with wire or plastic mesh to protect migrating birds.

8. Ancillary Facilities:

- a. Garbage containers and portable toilets would be located on the well pad.
- b. On well pads where active drilling and completion is occurring, temporary housing would be provided on location for the well pad supervisor, geologist,

Bill Barrett Corporation
Surface Use Plan
#15-28D-7-20
Uintah County, UT

tool pusher, and others that are required to be on location at all times. The well pad could include up to five single wide mobile homes or fifth wheel campers/trailers.

- c. A surface powerline corridor is proposed for installation by third-party installer with the alignment to be determined in the future.

9. Well Site Layout:

- a. The well would be properly identified in accordance with 43 CFR 3162.6.
- b. The pad layout, cross section diagrams and rig layout are enclosed (see Figures 1 and 2).
- c. The pad and road designs are consistent with industry specifications.
- d. The pad has been staked at its maximum size of 400 feet x 300 feet with an inboard reserve pit size of 100 feet x 225 feet x 10 feet deep. See section 12.d below for disturbance estimates.
- e. Within the approved well pad location, a crawler tractor would strip whatever topsoil is present and stockpile it along the edge of the well pad for use during reclamation. Vegetation would be distributed along the sides of the well pad.
- f. Fill from pit excavation would be stockpiled along the edge of the pit and the adjacent edge of the well pad.
- g. Use of erosion control measures, including proper grading to minimize slopes, diversion terraces and ditches, mulching, terracing, riprap, fiber matting, temporary sediment traps, and broad-based drainage dips or low water crossings would be employed by BBC as necessary and appropriate to minimize erosion and surface runoff during well pad construction and operation. Cut and fill slopes would be constructed such that stability would be maintained for the life of the activity.
- h. All cut and fill slopes would be such that stability can be maintained for the life of the activity.
- i. Diversion ditches would be constructed, if necessary, around the well site to prevent surface waters from entering the well site area.
- j. Water application may be implemented if necessary to minimize the amount of fugitive dust.
- k. All surface disturbing activities would be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.

Bill Barrett Corporation
Surface Use Plan
#15-28D-7-20
Uintah County, UT

10. Plan for Restoration of the Surface:

- a. A site specific reclamation plan would be submitted, if requested, within 90 days of location construction to the surface managing agency or the fee landowners.
- b. Site reclamation would be accomplished for portions of the well pad not required for the continued operation of the well on this pad within six months of completion, weather permitting.
- c. The operator would control noxious weeds along access road use authorizations and well site by spraying or mechanical removal, according to the Utah Noxious Weed Act and as set forth in the approved surface damage agreements.
- d. Rat and mouse holes would be filled and compacted from bottom to top immediately upon release of the drilling rig from location. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. The reserve pit would be allowed to dry prior to the commencement of backfilling work. No attempts would be made to backfill the reserve pit until it is free of standing water. Once dry, the liner would be torn and perforated before backfilling.
- e. The reserve pit and that portion of the location not needed for production facilities/operations would be recontoured to the approximate natural contours. Areas not used for production purposes would be backfilled and blended into the surrounding terrain, reseeded and erosion control measures installed. Mulching, erosion control measures and fertilization may be required to achieve acceptable stabilization. Back slopes and fore slopes would be reduced as practical and scarified with the contour. The reserved topsoil would be evenly distributed over the slopes and scarified along the contour. Slopes would be seeded with the Ute Tribe specified seed mix.
- f. Topsoil salvaged from the drill site and stored for more than one year would be placed at the location indicated on the well site layout drawing and graded to a depth optimum to maintain topsoil viability, seeded with the Ute Tribe prescribed seed mixture and covered with mulch for protection from wind and water erosion and to discourage the invasion of weeds.

11. Surface and Mineral Ownership:

- a. Surface ownership – Four Star Ranch, Inc. (David Yeaman); 8281 N. Trails Drive, Park City, UT 84098.
 - 435-649-8399 (office)
 - 801-707-5120 (cell)
 - davidyeaman@fiber.net
- b. Mineral ownership – Federal under the management of the BLM – Vernal Field Office.

Bill Barrett Corporation
Surface Use Plan
#15-28D-7-20
Uintah County, UT

12. Other Information:

- a. Montgomery Archeological Consultants has conducted a Class III archeological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by Montgomery as report 11-142 dated May 31, 2011.
- b. The required biological survey was waived by the BLM wildlife biologist during the onsite visit.
- c. BBC would require that their personnel, contractors, and subcontractors to comply with Federal regulations intended to protect archeological and cultural resources.
- d. Project personnel and contractors would be educated on and subject to the following requirements:
 - No dogs or firearms within the Project Area.
 - No littering within the Project Area.
 - Smoking within the Project Area would only be allowed in off-operator active locations or in specifically designated smoking areas. All cigarette butts would be placed in appropriate containers and not thrown on the ground or out windows of vehicles; personnel and contractors would abide by all fire restriction orders.
 - Campfires or uncontained fires of any kind would be prohibited.
 - Portable generators used in the Project Area would have spark arrestors.
- e. Disturbance estimates:

Approximate Acreage Disturbances

Well Pad		4.081	acres
Access	185 feet	0.110	acres

Total 4.19 acres

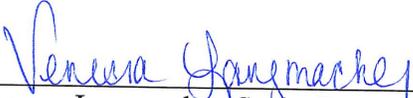
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#15-28D-7-20
Uintah County, UT

OPERATOR CERTIFICATION

Certification:

I hereby certify that I, or someone under my direction supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein would be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application and that bond coverage is provided under Bill Barrett Corporations federal nationwide bond. These statements are subject to the provisions of 18 U.S.C. 1001 for the filings of false statements.

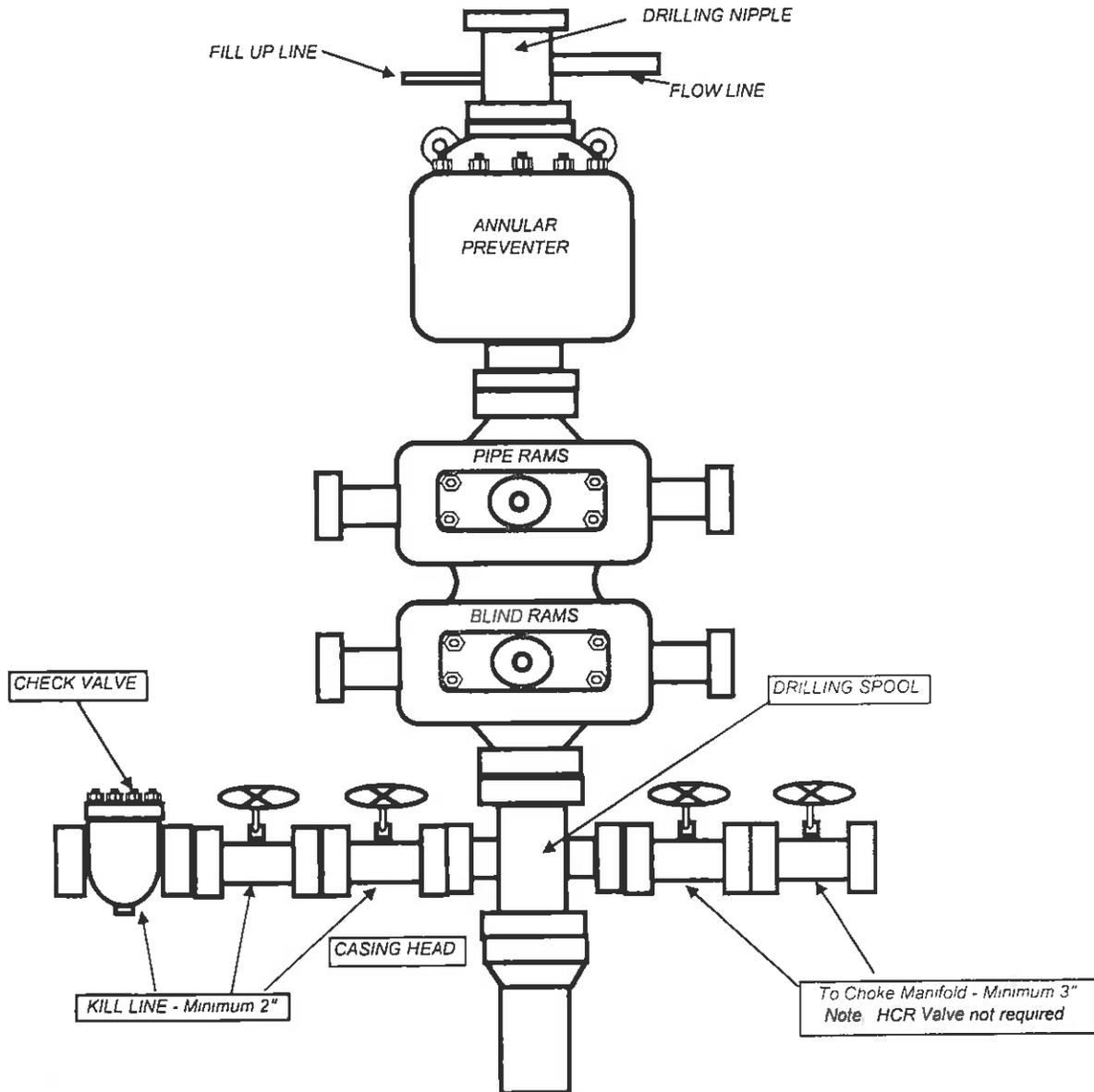
Executed this 14th day of September 2011
Name: Venessa Langmacher
Position Title: Senior Permit Analyst
Address: 1099 18th Street, Suite 2300, Denver, CO 80202
Telephone: 303-312-8172
E-mail: vlangmacher@billbarrettcorp.com
Field Representative Kary Eldredge / Bill Barrett Corporation
Address: 1820 W. Highway 40, Roosevelt, UT 84066
Telephone: 435-725-3515 (office); 435-724-6789 (mobile)
E-mail: keldredge@billbarrettcorp.com



Venessa Langmacher, Senior Permit Analyst

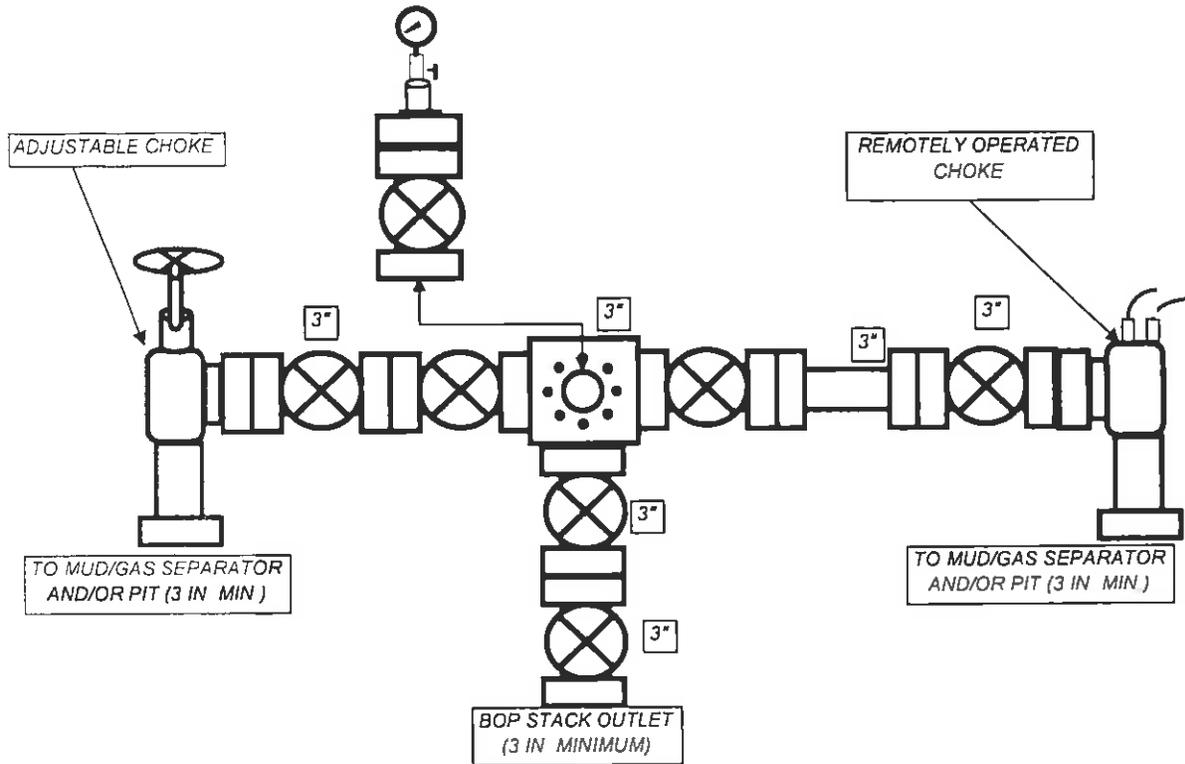
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TYPICAL 5,000 p.s.i. BLOWOUT PREVENTER



BILL BARRETT CORPORATION

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





September 14, 2011

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

Re: Directional Drilling **Aurora Federal 15-28D-7-20**

East Bluebell Area

Surface: 98' FSL, 2286' FEL, SWSE, 28-T7S-R20E, SLM
Bottom Hole: 660' FSL, 1980' FEL, SWSE, 28-T7S-R20E, SLM
Uintah County, Utah

Dear Ms. Mason,

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

- The proposed location is within our East Bluebell Area.
- BBC is permitting this well as a directional well in order to minimize surface disturbance. By locating the well at the surface location and directionally drilling from this location, BBC will be able to utilize the existing road and pipelines in the area.
- The well will be drilled under UT 080689.
- BBC certifies that it is the working interest owner of all lands within 460 feet of the proposed well location, and together with EnCana, we own 100% of the working interest in these lands.

Based on the information provided, BBC requests that the permit be granted pursuant to R649-3-11. Should you have any questions or need further information, please contact me at 303-299-9935.

Sincerely,

A handwritten signature in blue ink that reads 'Thomas Abell'.

for Thomas Abell
Landman

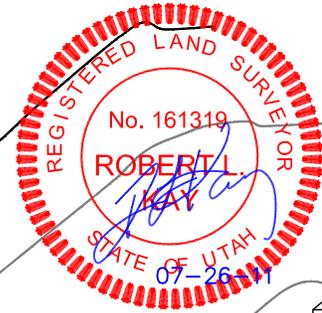
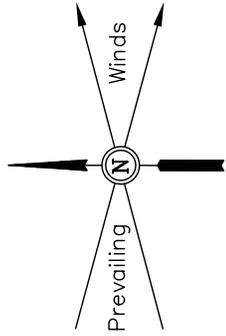
1099 18TH STREET
SUITE 2300
DENVER, CO 80202
P 303.293.9100
F 303.291.0420

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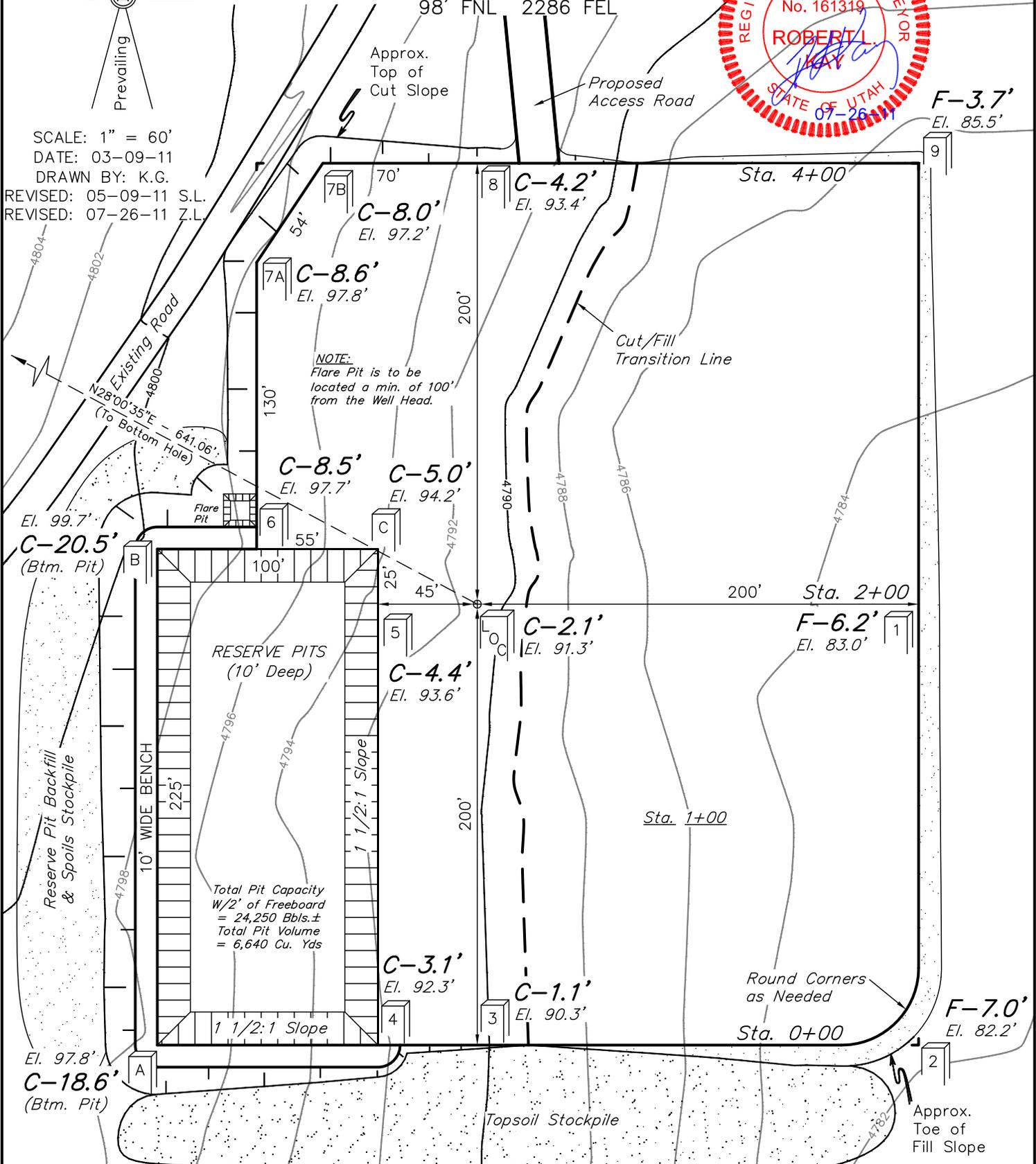
LOCATION LAYOUT FOR

AURORA FEDERAL #15-28D-7-20
SECTION 28, T7S, R20E, S.L.B.&M.

FIGURE #1



SCALE: 1" = 60'
DATE: 03-09-11
DRAWN BY: K.G.
REVISED: 05-09-11 S.L.
REVISED: 07-26-11 Z.L.



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

RESERVE PITS (10' Deep)

Total Pit Capacity
W/2' of Freeboard
= 24,250 Bbls.±
Total Pit Volume
= 6,640 Cu. Yds

Elev. Ungraded Ground At Loc. Stake = 4791.3'
FINISHED GRADE ELEV. AT LOC. STAKE = 4789.2'

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

RECEIVED: September 14, 2011

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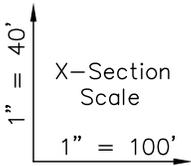
TYPICAL CROSS SECTIONS FOR

AURORA FEDERAL #15-28D-7-20

SECTION 28, T7S, R20E, S.L.B.&M.

98' FNL 2286 FEL

FIGURE #2

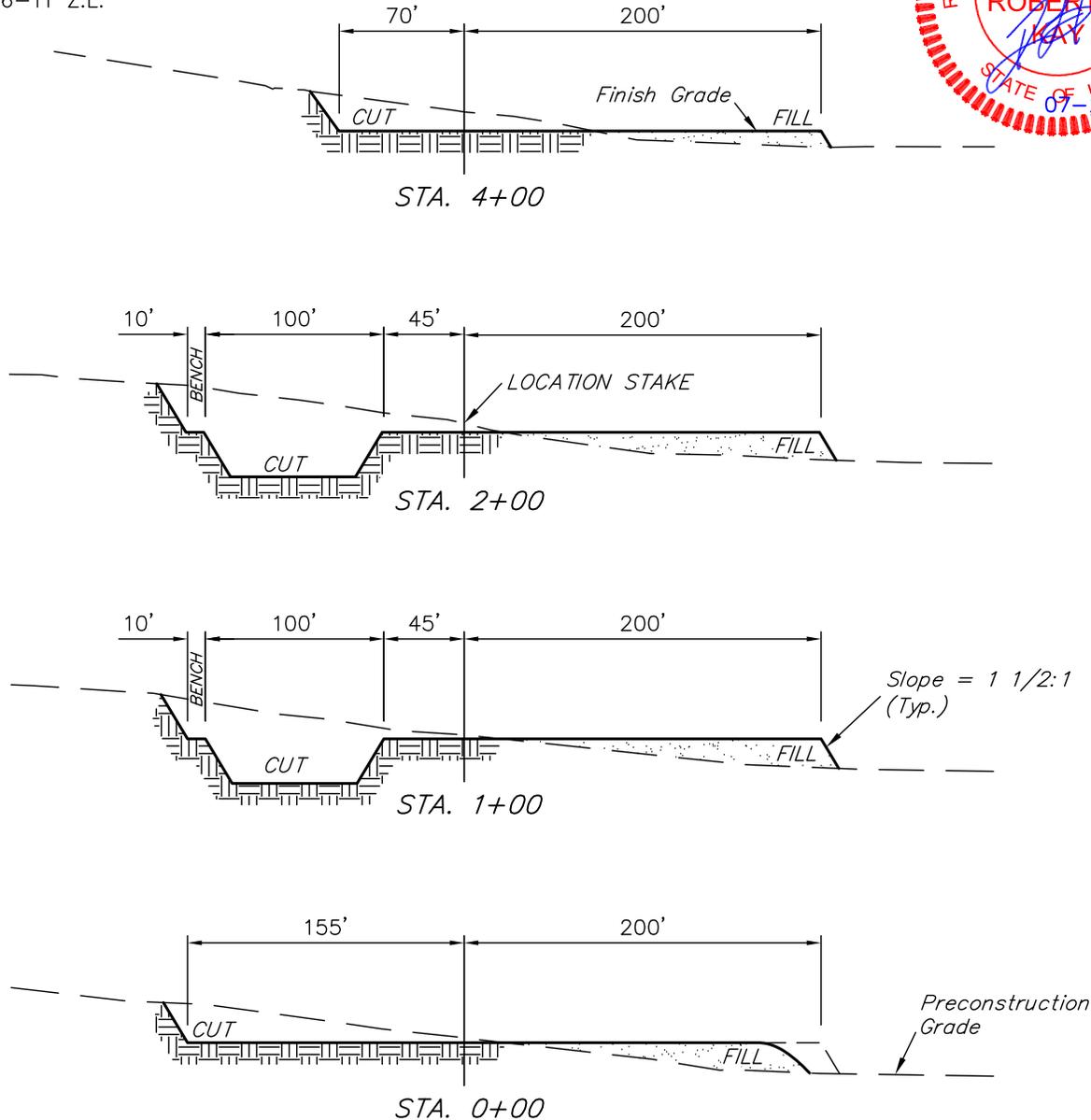
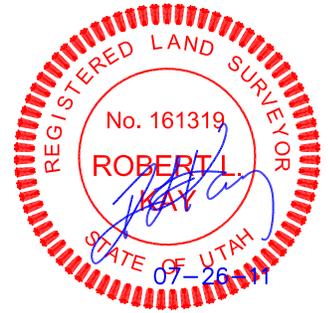


DATE: 03-09-11

DRAWN BY: K.G.

REVISED: 05-09-11 S.L.

REVISED: 07-26-11 Z.L.



NOTE:

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

* NOTE: FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(12") Topsoil Stripping	=	5,620 Cu. Yds.
Remaining Location	=	16,650 Cu. Yds.
TOTAL CUT	=	22,270 CU.YDS.
FILL	=	13,330 CU.YDS.

EXCESS MATERIAL	=	8,940 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	8,940 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	=	0 Cu. Yds.

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

RECEIVED: September 14, 2011

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TYPICAL RIG LAYOUT FOR

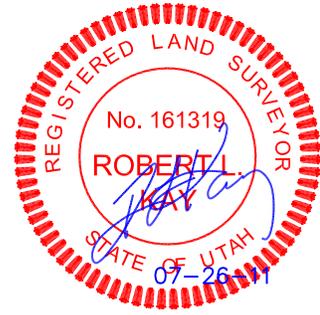
AURORA FEDERAL #15-28D-7-20
SECTION 28, T7S, R20E, S.L.B.&M.

98' FNL 2286 FEL

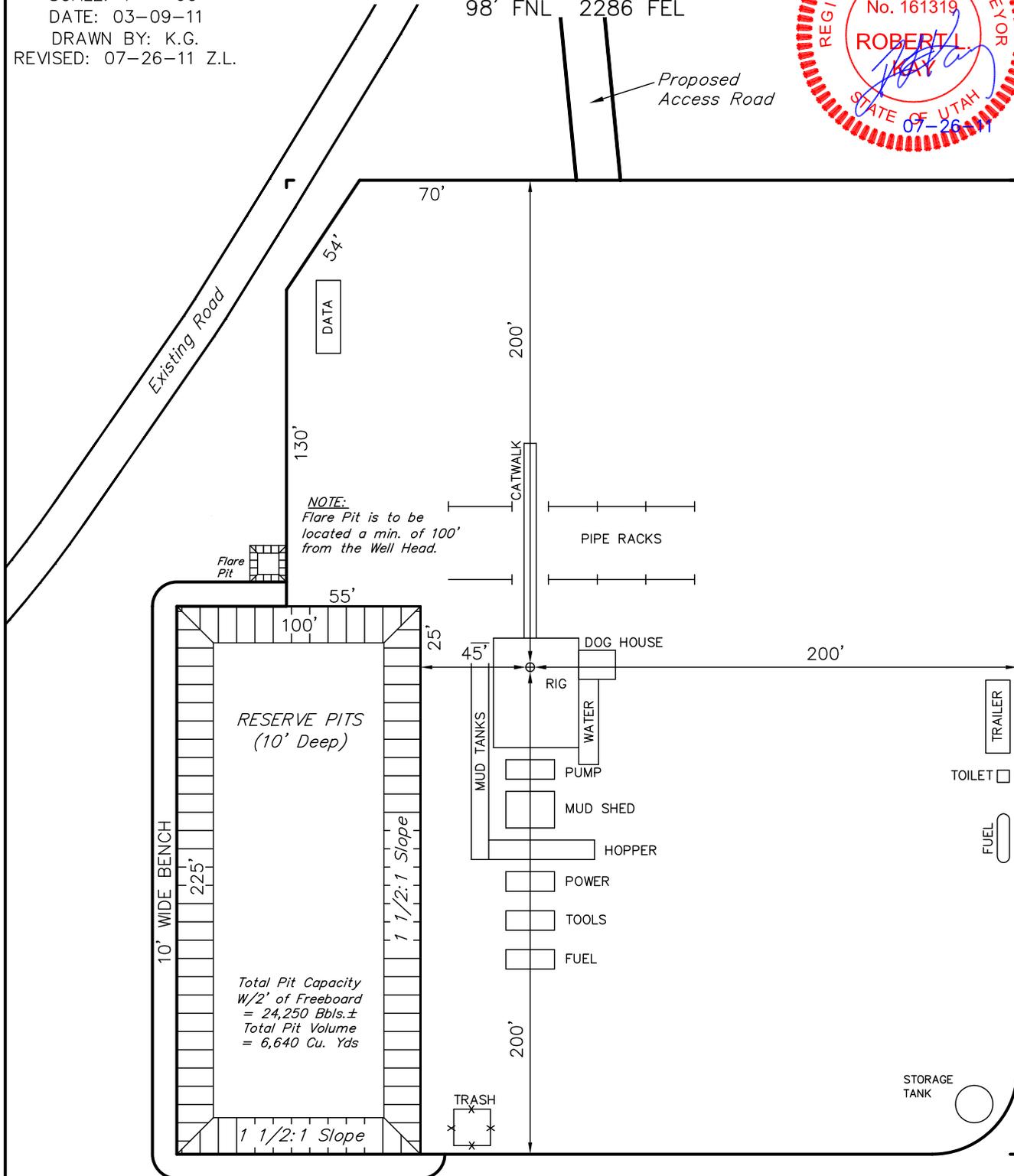
FIGURE #3



SCALE: 1" = 60'
DATE: 03-09-11
DRAWN BY: K.G.
REVISED: 07-26-11 Z.L.



Proposed Access Road



BILL BARRETT CORPORATION

INTERIM RECLAMATION PLAN FOR

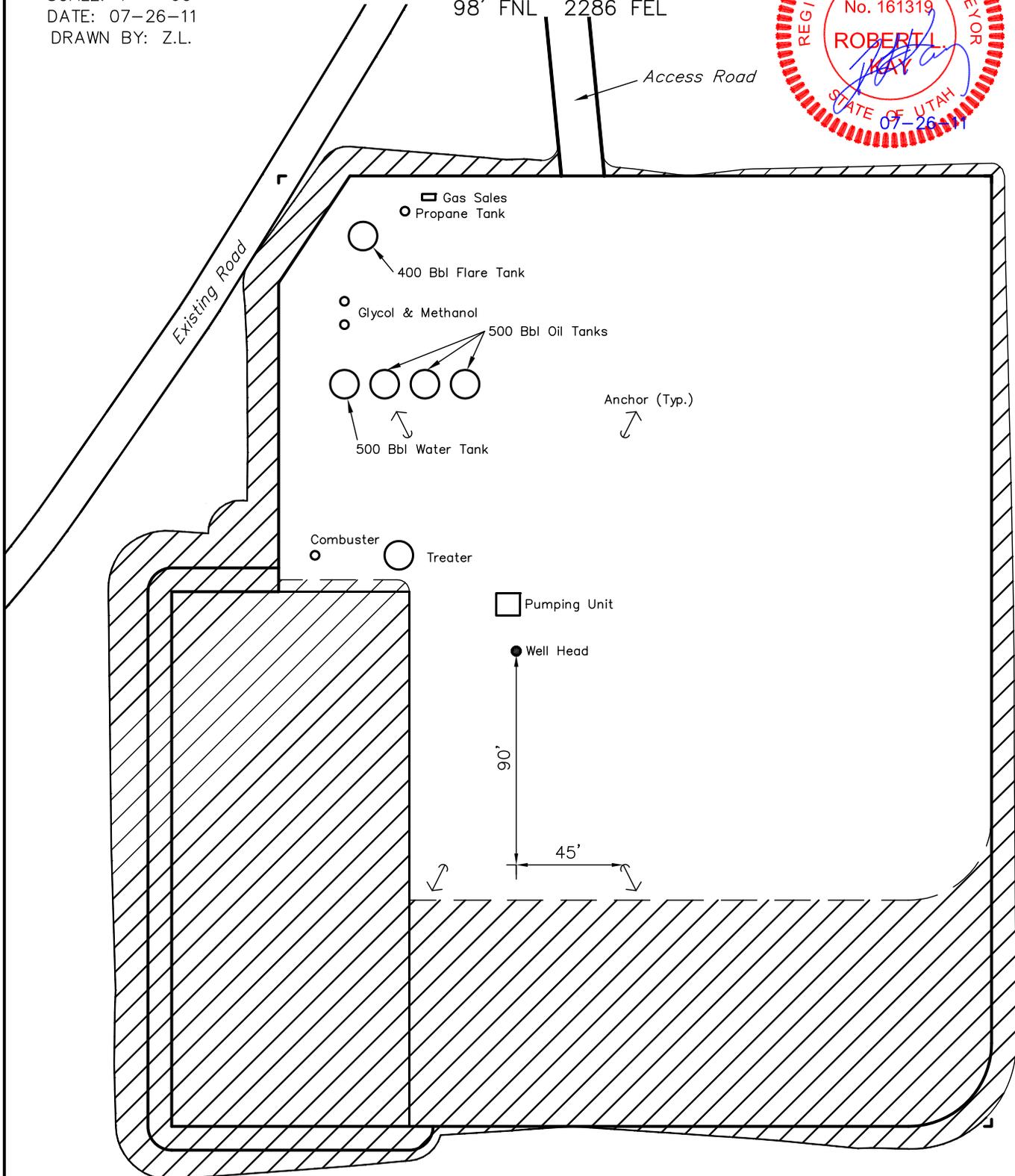
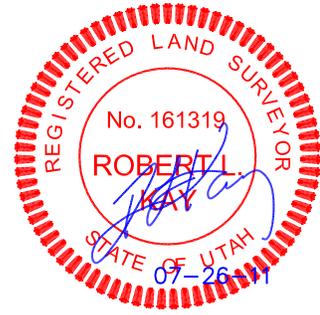
**AURORA FEDERAL #15-28D-7-20
SECTION 28, T7S, R20E, S.L.B.&M.**

98' FNL 2286 FEL

FIGURE #4



SCALE: 1" = 60'
DATE: 07-26-11
DRAWN BY: Z.L.



APPROXIMATE ACREAGES
UN-RECLAIMED = ± 1.914 ACRES

 INTERIM RECLAMATION

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

RECEIVED: September 14, 2011

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

September 16, 2011

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2011 Plan of Development Aurora (Deep) Unit,
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2011 within the Aurora (Deep) Unit, Uintah County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER-WASATCH)		
43-047-52005	Aurora 3-20D-7-20	Sec 20 T07S R20E 0213 FNL 2370 FWL BHL Sec 20 T07S R20E 0660 FNL 2180 FWL
43-047-52006	Aurora 15-28D-7-20	Sec 28 T07S R20E 0098 FSL 2286 FEL BHL Sec 28 T07S R20E 0660 FSL 1980 FEL

This office has no objection to permitting the wells at this time.

Michael L. Coulthard

Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land Management,
ou=Branch of Minerals, email=Michael_Coulthard@blm.gov, c=US
Date: 2011.09.16 10:41:41 -06'00'

bcc: File - Aurora Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:9-16-11

RECEIVED: September 16, 2011



SECTION 20-T7S-R20E
213 FNL & 2370 FWL

Site Centre Latitude: 40° 12' 10.238 N
Longitude: 109° 41' 37.432 W

Positional Uncertainty: 0.0
Convergence: 1.19
Local North: True

COMPANY DETAILS: BILL BARRETT CORP

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

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
Aur Fed 3-20D TGR3	5948.0	-449.2	-183.0	40° 12' 5.800 N	109° 41' 39.790 W	Rectangle (Sides: L200.0 W200.0)
Aur Fed 3-20D PBHL	10503.0	-449.2	-183.0	40° 12' 5.800 N	109° 41' 39.790 W	Rectangle (Sides: L200.0 W200.0)

SECTION DETAILS

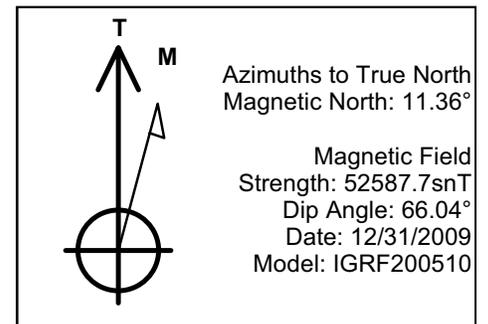
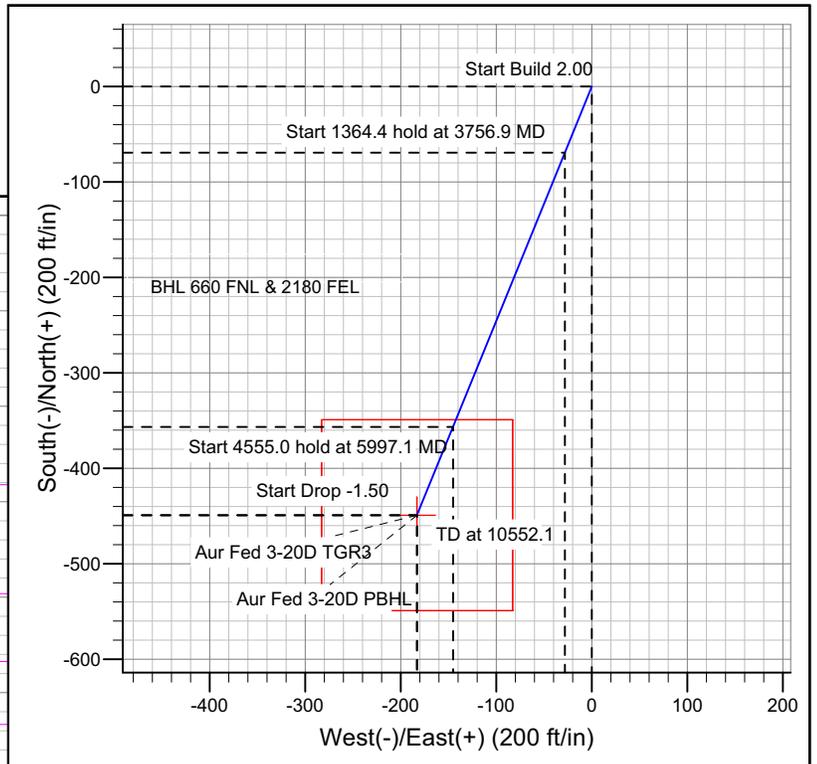
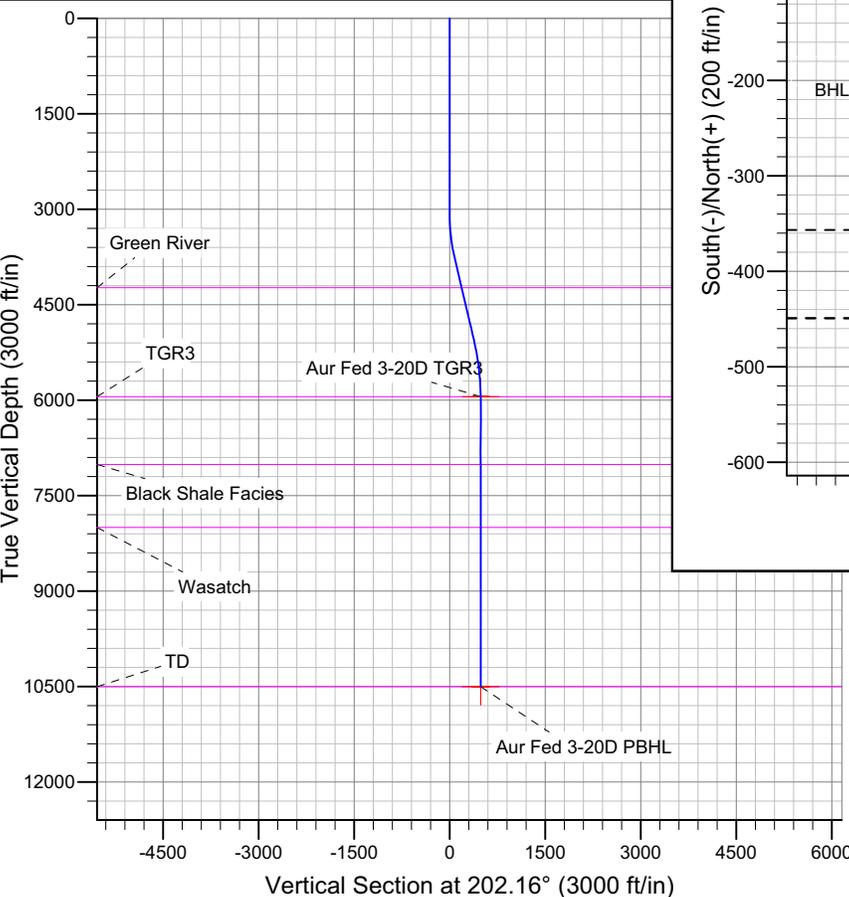
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	3100.0	0.00	0.00	3100.0	0.0	0.0	0.00	0.00	0.0	
3	3756.9	13.14	202.16	3751.1	-69.4	-28.3	2.00	202.16	75.0	
4	5121.3	13.14	202.16	5079.8	-356.6	-145.3	0.00	0.00	385.1	
5	5997.1	0.00	0.00	5948.0	-449.2	-183.0	1.50	180.00	485.1	Aur Fed 3-20D TGR3
6	10552.1	0.00	0.00	10503.0	-449.2	-183.0	0.00	0.00	485.1	Aur Fed 3-20D PBHL

FORMATION TOP DETAILS

TVDPATH	MDPATH	FORMATION
4233.0	4251.7	Green River
5948.0	5997.1	TGR3
7013.0	7062.1	Black Shale Facies
8003.0	8052.1	Wasatch
10503.0	10552.1	TD

CASING DETAILS

No casing data is available





SECT28-T7S-R20E
98 FSL & 2286 FEL

Site Centre Latitude: 40° 10' 27.142 N
Longitude: 109° 40' 19.171 W

Positional Uncertainty: 0.0
Convergence: 1.21
Local North: True

COMPANY DETAILS: BILL BARRETT CORP

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

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
15-28D TGR3	5444.0	565.5	301.3	40° 10' 32.729 N	109° 40' 15.290 W	Rectangle (Sides: L200.0 W200.0)
15-28D PBHL	9654.0	565.5	301.3	40° 10' 32.729 N	109° 40' 15.290 W	Rectangle (Sides: L200.0 W200.0)

SECTION DETAILS

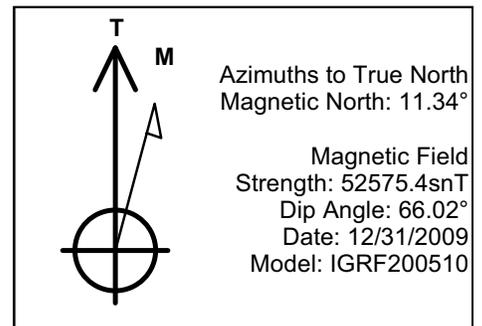
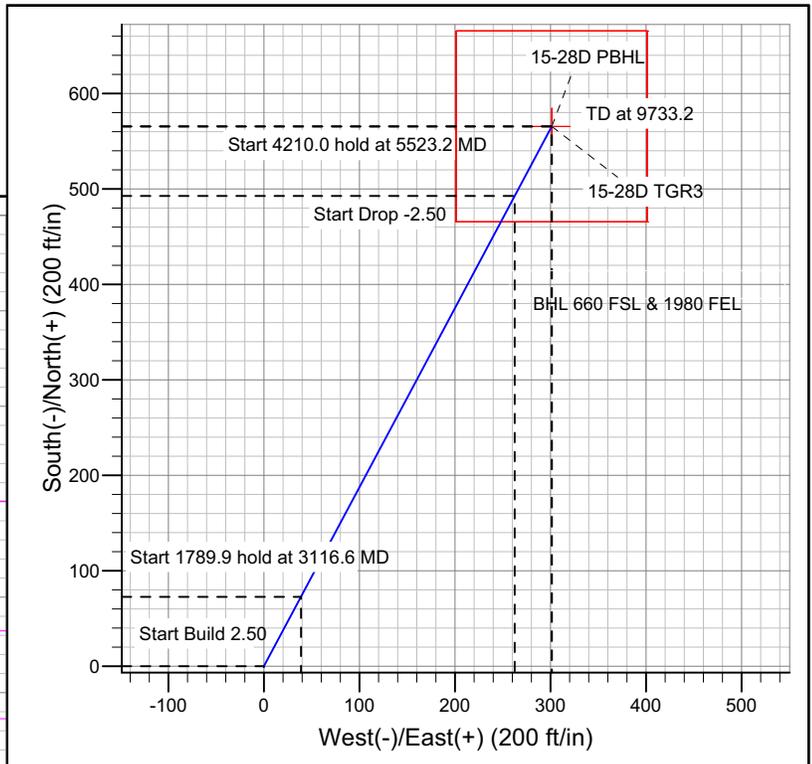
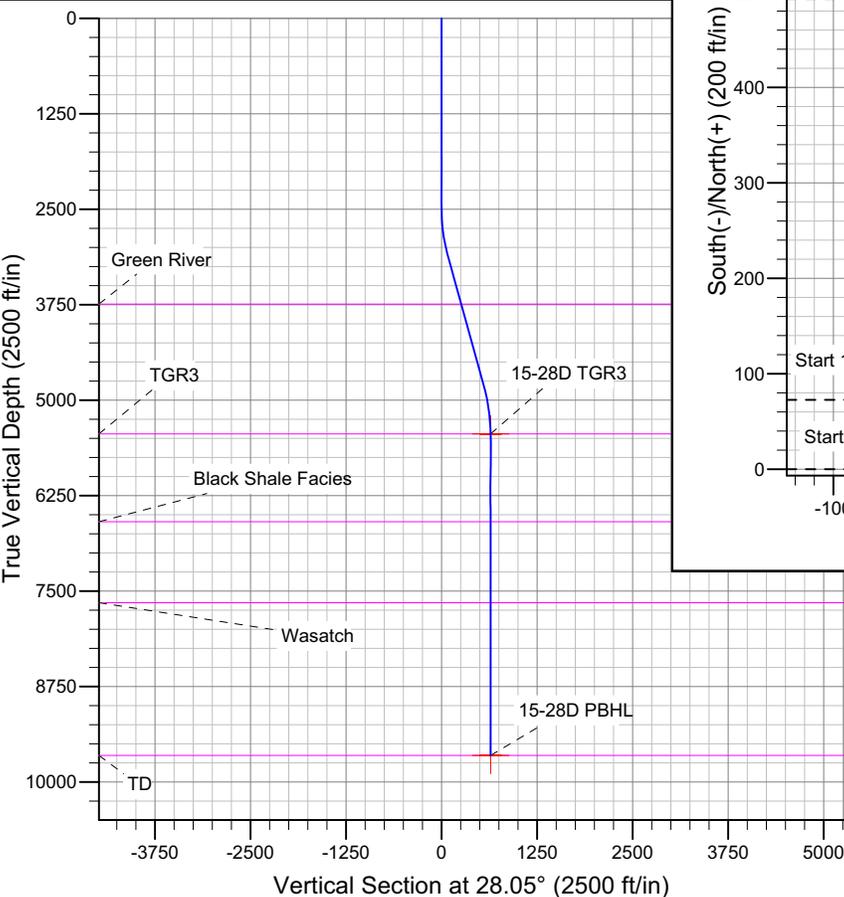
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	2500.0	0.00	0.00	2500.0	0.0	0.0	0.00	0.00	0.0	
3	3116.6	15.42	28.05	3109.2	72.8	38.8	2.50	28.05	82.5	
4	4906.6	15.42	28.05	4834.8	492.7	262.5	0.00	0.00	558.3	
5	5523.2	0.00	0.00	5444.0	565.5	301.3	2.50	180.00	640.7	15-28D TGR3
6	9733.2	0.00	0.00	9654.0	565.5	301.3	0.00	0.00	640.7	15-28D PBHL

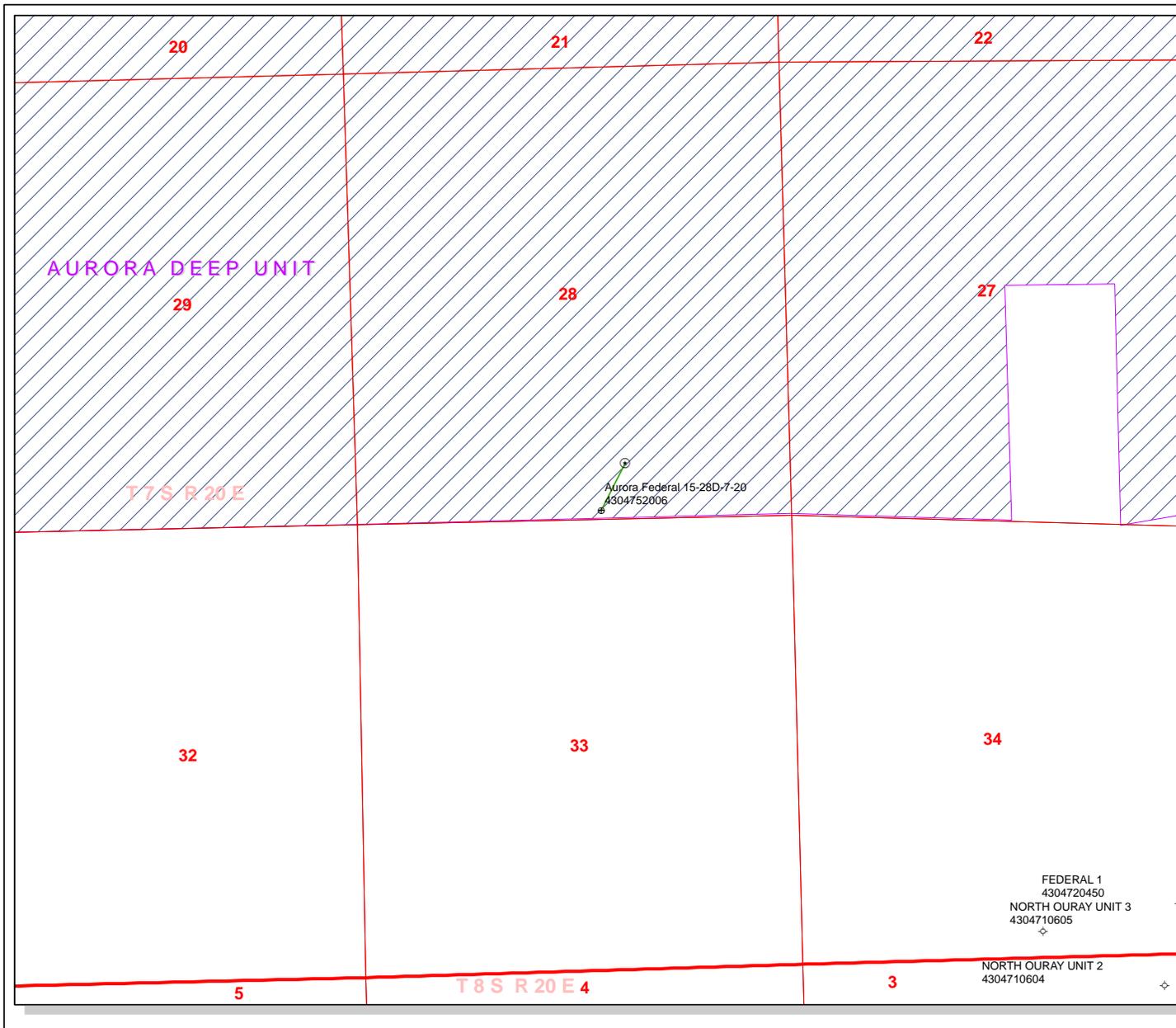
FORMATION TOP DETAILS

TVDPATH	MDPATH	FORMATION
3744.0	3775.1	Green River
5444.0	5523.2	TGR3
6594.0	6673.2	Black Shale Facies
7654.0	7733.2	Wasatch
9654.0	9733.2	TD

CASING DETAILS

No casing data is available

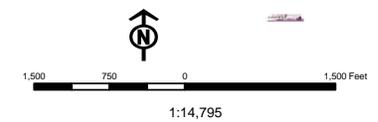




API Number: 4304752006
Well Name: Aurora Federal 15-28D-7-20
Township T0.7 . Range R2.0 . Section 28
Meridian: SLBM
Operator: BILL BARRETT CORP

Map Prepared:
 Map Produced by Diana Mason

- | | |
|---------------|------------------------------------|
| Units | Wells Query |
| STATUS | Status |
| ACTIVE | APD - Approved Permit |
| EXPLORATORY | DRL - Spudded (Drilling Commenced) |
| GAS STORAGE | GIW - Gas Injection |
| NF PP OIL | GS - Gas Storage |
| NF SECONDARY | LA - Location Abandoned |
| PI OIL | LOC - New Location |
| PP GAS | OPS - Operation Suspended |
| PP GEOTHERML | PA - Plugged Abandoned |
| PP OIL | PGW - Producing Gas Well |
| SECONDARY | POW - Producing Oil Well |
| TERMINATED | RET - Returned APD |
| Fields | SGW - Shut-in Gas Well |
| STATUS | SOW - Shut-in Oil Well |
| Unknown | TA - Temp. Abandoned |
| ABANDONED | TW - Test Well |
| ACTIVE | WDW - Water Disposal |
| COMBINED | WIW - Water Injection Well |
| INACTIVE | WSW - Water Supply Well |
| STORAGE | |
| TERMINATED | |
| Sections | |
| Township | |



ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator BILL BARRETT CORP
Well Name Aurora Federal 15-28D-7-20
API Number 43047520060000 **APD No** 4652 **Field/Unit** UNDESIGNATED
Location: 1/4,1/4 SWSE **Sec** 28 **Tw** 7.0S **Rng** 20.0E 98 **FSL** 2286 **FEL**
GPS Coord (UTM) 613077 4447736 **Surface Owner** Four Star Ranch Inc

Participants

Richard Powell (UDOGM), Kary Eldredge (Bill Barrett Corp), Cody Rich (UELS), Don Hamilton (Star Point)

Regional/Local Setting & Topography

This location sits approximately .75 mile south of Pelican Lake in the midst of irrigated cropland. The placement of the well is such that it is centered between circular irrigation pivots and not used for farming. Pelican Lake is a sport fishery and the source of irrigation water for this region. The location sits just to the south of a small rise and drains away from the lake and eventually to the Green River. On the other side of the rise the land drains toward the lake. The well is approximately 10 miles south of Hwy 40 about midway between Vernal and Roosevelt. Vernal Utah is approximately 24.6 miles away by road.

Surface Use Plan

Current Surface Use

Agricultural

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.04	Width 300 Length 400	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Russian thistle
rodents, deer

Soil Type and Characteristics

Sandy clay soil

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required? N

Berm Required? Y

Berm location to protect cropland from leaks or spills

Erosion Sedimentation Control Required? N

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

Reserve Pit**Site-Specific Factors****Site Ranking**

Distance to Groundwater (feet)	25 to 75	15	
Distance to Surface Water (feet)	>1000	0	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)	>1320	0	
Native Soil Type	High permeability	20	
Fluid Type	Fresh Water	5	
Drill Cuttings	Normal Rock	0	
Annual Precipitation (inches)	10 to 20	5	
Affected Populations			
Presence Nearby Utility Conduits	Not Present	0	
	Final Score	45	1 Sensitivity Level

Characteristics / Requirements

The reserve pit will be placed in cut in a stable location. The pit will be 100ft x 225ft x 10ft deep with a total capacity including freeboard of 24,250bbl. Kary Eldredge of BBC said they will use a 16 mil liner with a felt sub-liner and this will be adequate for the site.

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

Other Observations / Comments

Richard Powell
Evaluator

10/5/2011
Date / Time

Application for Permit to Drill

Statement of Basis

10/19/2011

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
4652	43047520060000	LOCKED	OW	P	No
Operator	BILL BARRETT CORP		Surface Owner-APD	Four Star Ranch Inc	
Well Name	Aurora Federal 15-28D-7-20		Unit	AURORA (DEEP)	
Field	UNDESIGNATED		Type of Work	DRILL	
Location	SWSE 28 7S 20E S 98 FSL 2286 FEL GPS Coord (UTM) 613015E 4447937N				

Geologic Statement of Basis

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

Brad Hill
APD Evaluator

10/12/2011
Date / Time

Surface Statement of Basis

This proposed well is split estate with federal minerals and fee surface, but the BLM did not attend because they had inspected the site previously for Elk Resources. The drilling rights were afterwards transferred to Bill Barrett. The land owner Four Star Ranch was invited but chose not to attend. The proposed location is situated in a sort of dead area between irrigated crop fields but in an area that is not covered by sprinklers, so that no active farm land will be loss to construction of the location. This appears to be the best location for placement of this well. Pit liner was discussed and Kari Aldridge agreed to place a 16 mil liner in place. Also, this location must be beamed to contain any possible leaks or spills.

Richard Powell
Onsite Evaluator

10/5/2011
Date / Time

Conditions of Approval / Application for Permit to Drill

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

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 9/14/2011

API NO. ASSIGNED: 43047520060000

WELL NAME: Aurora Federal 15-28D-7-20

OPERATOR: BILL BARRETT CORP (N2165)

PHONE NUMBER: 303 312-8172

CONTACT: Venessa Langmacher

PROPOSED LOCATION: SWSE 28 070S 200E

Permit Tech Review:

SURFACE: 0098 FSL 2286 FEL

Engineering Review:

BOTTOM: 0660 FSL 1980 FEL

Geology Review:

COUNTY: UINTAH

LATITUDE: 40.17424

LONGITUDE: -109.67197

UTM SURF EASTINGS: 613015.00

NORTHINGS: 4447937.00

FIELD NAME: UNDESIGNATED

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU80689

PROPOSED PRODUCING FORMATION(S): GREEN RIVER-WASATCH

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: FEDERAL - WYB000040
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: 49-2336
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

Commingling Approved

LOCATION AND SITING:

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

Comments: Presite Completed

Stipulations: 4 - Federal Approval - dmason
5 - Statement of Basis - bhll
15 - Directional - dmason
23 - Spacing - dmason



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 Federal 15-28D-7-20
API Well Number: 43047520060000
Lease Number: UTU80689
Surface Owner: FEE (PRIVATE)
Approval Date: 10/19/2011

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 R649-3-11. The expected producing formation or pool is the GREEN RIVER-WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

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

General:

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

Conditions of Approval:

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

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

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).

Notification Requirements:

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

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)

OR

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

Reporting Requirements:

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

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

Approved By:



For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU80689
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: AURORA (DEEP)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: Aurora Federal 15-28D-7-20
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047520060000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	9. FIELD and POOL or WILDCAT: UNDESIGNATED
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0098 FSL 2286 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 28 Township: 07.0S Range: 20.0E 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: 1/1/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input 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 checked="" 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: 50px;" type="text"/>

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

In accordance with Utah Division of Oil, Gas, and Mining's Rule 649-3-22, completion into two or more pools, BBC is submitting this sundry to request commingling approval for the Green River and Wasatch formations. Oil and associated gas composition is similar across all formations. The pressure profile across the formations is similar and BBC does not anticipate any cross flow. Production is considered to be from one pool. In the event that allocation by zone or interval is required, BBC would use representative sampling obtained from production logs and allocate on a percentage basis by zone or interval. A letter and affidavit of notice is attached.

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

Date: 11/23/2011
 By: *Derek Quist*

NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst
SIGNATURE N/A	DATE 11/1/2011	



November 1, 2011

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

RE: Sundry Notices
Aurora Deep Unit
Aurora 15-28D-7-20
SWSE Section 28, T7S-R20E
Uintah County, UT

Dear Mr. Doucet,

Bill Barrett Corporation has submitted Sundry Notices 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 Sundry Notices.

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

Veneva Langmacker
for

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 Deep Field:

Aurora 15-28D-7-20 Well SWSE 28 T7S-R20E

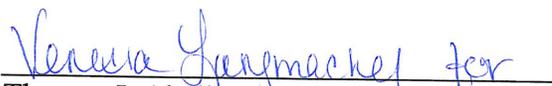
In compliance with the Utah OGM regulation R649-3-22, I have provided a copy of the Sundry Notices, by certified mail, to the owners as listed below of all contiguous oil and gas Leases or drilling units overlying the pool.

Lessors

BLM State Office

Date: November 1, 2011

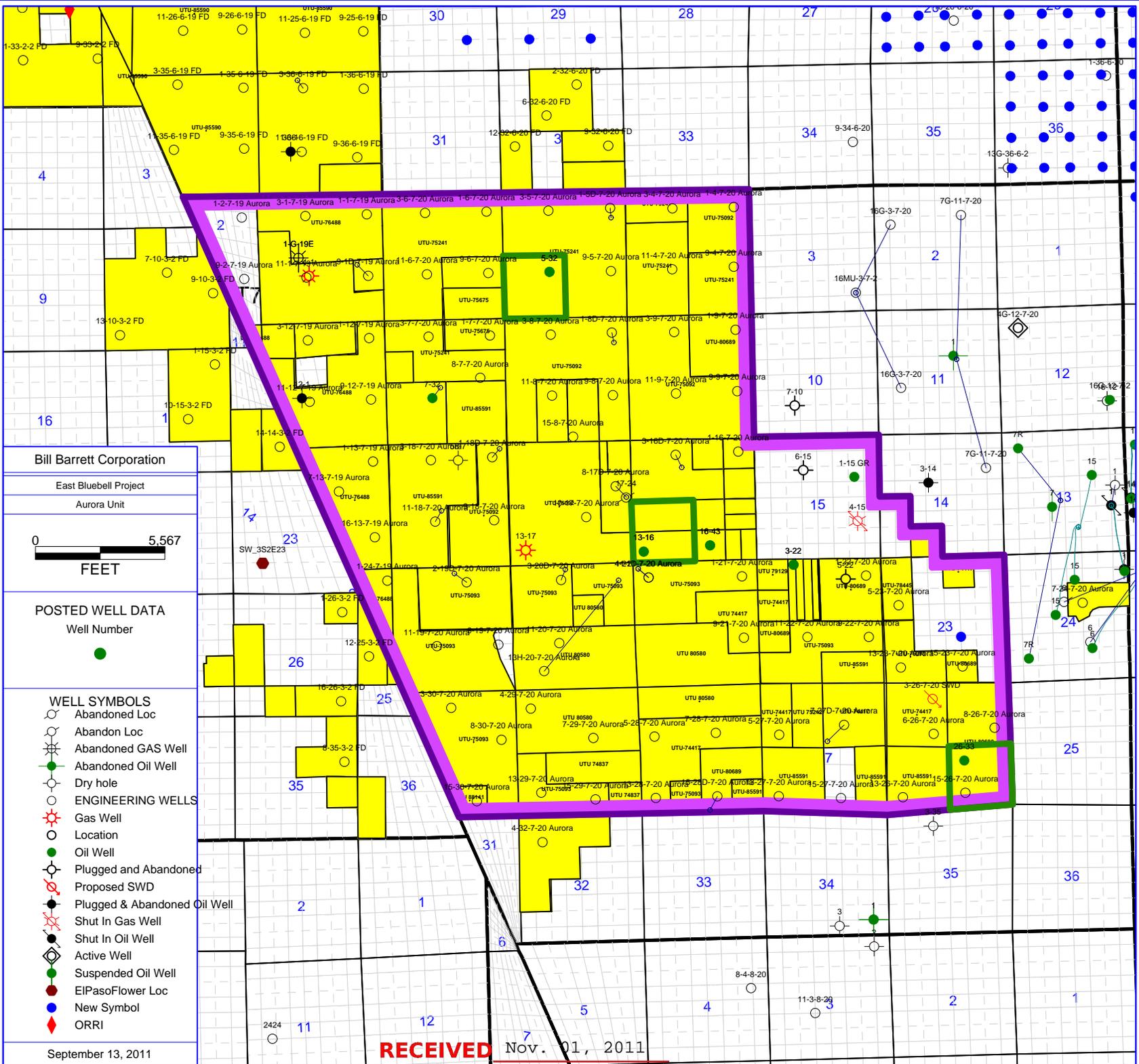
Affiant



Thomas J. Abell
Landman

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

RECEIVED Nov. 01, 2011



Bill Barrett Corporation

East Bluebell Project

Aurora Unit



POSTED WELL DATA

Well Number	Symbol

- WELL SYMBOLS**
- Abandoned Loc
 - Abandon Loc
 - Abandoned GAS Well
 - Abandoned Oil Well
 - Dry hole
 - ENGINEERING WELLS
 - Gas Well
 - Location
 - Oil Well
 - Plugged and Abandoned
 - Proposed SWD
 - Plugged & Abandoned Oil Well
 - Shut In Gas Well
 - Shut In Oil Well
 - Active Well
 - Suspended Oil Well
 - ElPasoFlower Loc
 - New Symbol
 - ORRI

September 13, 2011

RECEIVED Nov. 01, 2011



November 1, 2011

BLM State Office
PO Box 45155
Salt Lake City, Utah 84145

RE: Sundry Notices
Aurora 15-28-7-20
Uintah County, UT

Dear Sir or Madam,

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Green River formations in the subject well. We enclosed herewith copies of the Sundry Notice together with a plat showing the leases and wells in the area and affidavit confirming notice pursuant to the Utah OGM regulations.

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

Venessa Langmacker
for

Thomas J. Abell
Landman

Enclosures

RECEIVED

MAY 12
SEP 14 2011

Form 3160-3
(August 2007)

FORM APPROVED
OMB No. 1004-0137
Expires July 31, 2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

BLM, Vernal Utah

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-80689	
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A	
2. Name of Operator Bill Barrett Corporation		7. If Unit or CA Agreement, Name and No. Aurora (Deep) UTU-82456X	
3a. Address 1099 18th Street, Suite 2300 Denver, CO 80202		8. Lease Name and Well No. Aurora Federal 15-28D-7-20	
		9. API Well No. 43047-52006	
3b. Phone No. (include area code) 303-312-8172		10. Field and Pool, or Exploratory Wildcat	
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SW SE, 98' FSL and 2286' FEL At proposed prod. zone SW SE, 660' FSL and 1980' FEL		11. Sec., T. R. M. or Blk. and Survey or Area Section 28, T7S - R20E, S.L.B.&M.	
14. Distance in miles and direction from nearest town or post office* 25 miles southwest of Vernal, UT		12. County or Parish Uintah	13. State UT
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 660' (Bottom Hole)	16. No. of acres in lease 840 Acres	17. Spacing Unit dedicated to this well 160 Acres	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 10986'	19. Proposed Depth 9733' MD 9654' TVD	20. BLM/BIA Bond No. on file WYB-000040	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4791' GL	22. Approximate date work will start* 01/01/2012	23. Estimated duration 60 Days (Drilling & Completion)	

24. Attachments

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

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

25. Signature <i>Venessa Langmacher</i>	Name (Printed/Typed) Venessa Langmacher	Date 09/14/2011
--	--	--------------------

Title
Senior Permit Analyst

Approved by (Signature) <i>Jerry Kenczka</i>	Name (Printed/Typed) Jerry Kenczka	Date JAN 24 2012
---	---------------------------------------	---------------------

Title
Assistant Field Manager
Lands & Mineral Resources

Office
VERNAL FIELD OFFICE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached. **CONDITIONS OF APPROVAL ATTACHED**

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

(Continued on page 2)

*(Instructions on page 2)

NOTICE OF APPROVAL

UDOGM

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JAN 27 2012

DIV. OF OIL, GAS & MINING

115X5144110A

11K 2-21-2011



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

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Bill Barrett Corporation
Well No: Aurora Federal 15-28D-7-20
API No: 43-047-52006

Location: SWSE, Sec. 28, T7S, R20E
Lease No: UTU-80689
Agreement: Aurora (Deep)

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

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

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

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings to: blm_ut_vn_opreport@blm.gov
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

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

- Any deviation of submitted APD's, which includes BBCs surface use plan, and ROW applications the operator will notify the BLM in writing and will receive written authorization of any such change with appropriate authorization.
- The operator will implement "Safety and Emergency Plan." The operator's safety director will ensure its compliance.
- All operator employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's, COAs, and ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations shall be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- Production facilities will be painted Covert Green to blend in with the surrounding habitat.
- The landowner will be notified prior to any construction so the landowner can move an existing 1000' of 10" PVC irrigation pipeline currently located on proposed pad area.
- The entire well pad will be fenced and maintained by BBC as discussed on the onsite investigation.
- Entire well pad will be rounded to further decrease the amount of impact to the surrounding farm access as shown in the APD well plats.
- Topsoil will be salvaged and used for reclamation purposes only. It will be minimized spatially to reduce impacts to surrounding crops.
- Production equipment will be placed towards the front of the pad to maximize interim reclamation efforts.
- Site reclamation will be accomplished for portions of the well pad not needed for production, within 6 months of completion, weather permitting. This also includes any roads, and pipeline areas that have been disturbed as well. Roads and pipeline disturbances can undergo reclamation immediately after the pipeline is installed and after the roads are built. Please contact surface owner or the BLM for possible seed mixes to use in the project area. Non-natives can be used; however lbs/ac must be kept low to minimize the chance of a monoculture.

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

SITE SPECIFIC DOWNHOLE COAs:

- Production casing cement shall be brought up and into the surface casing. The minimum cement top is 400 ft. above the surface casing shoe.

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB

or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to BLM_UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs,

core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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: UTU80689
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: ELK PRODUCTION UINTAH, LLC		7. UNIT or CA AGREEMENT NAME: AURORA (DEEP)
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: AURORA FEDERAL 15-28D-7-20
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0098 FSL 2286 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 28 Township: 07.0S Range: 20.0E Meridian: S		9. API NUMBER: 43047520060000
9. FIELD and POOL or WILDCAT: UNDESIGNATED		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"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 2/1/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. February 2012 monthly drilling activity to report: well spud.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 06, 2012		
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 3/5/2012	

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: UTU80689	
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: AURORA (DEEP)	
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: AURORA FEDERAL 15-28D-7-20		
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047520060000		
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0098 FSL 2286 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 28 Township: 07.0S Range: 20.0E 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 checked="" type="checkbox"/> SPUD REPORT Date of Spud: 2/24/2012 <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 by Triple A Drilling on 02/24/2012 at 11:30 am.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 06, 2012			
NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst	
SIGNATURE N/A		DATE 2/29/2012	

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corporation Rig Name/# Triple A Drilling
 Submitted By Venessa Langmach Phone Number 303-312-8172
 Well Name/Number Aurora Federal 15-28D-7-20
 Qtr/Qtr SWSE Section 28 Township 7S Range 20E
 Lease Serial Number UTU-80689
 API Number 43-047-52006

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

Date/Time 02/24/2012 8:00 AM PM

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

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

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FEB 22 2012
 DIV. OF OIL, GAS & MINING

Date/Time _____ AM PM

BOPE

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

Date/Time _____ AM PM

Remarks _____

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corporation Rig Name/# HP 319
Submitted By JET LORENZEN Phone Number 970-623-7078
Well Name/Number AURORA FEDERAL 15-28D-7-20
Qtr/Qtr SW/SE Section 28 Township 7S Range 20WE
Lease Serial Number UTU-82456X
API Number 43-047-52006

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 03/04/2012 11:00 AM PM

BOPE

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

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MAR 06 2012

DIV. OF OIL, GAS & MINING

Date/Time 03/05/2012 12:00 AM PM

Remarks _____

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corporation Rig Name/# H&P 319
Submitted By Glenn Randel Phone Number 970-623-7078
Well Name/Number Aurora Federal 15-28D-7-20
Qtr/Qtr SW/SE Section 28 Township 7S Range 20E
Lease Serial Number UTU-82456X
API Number 43-047-52006

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 3/20/12 07.30 AM PM

BOPE

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

RECEIVED

MAR 20 2012

DIV. OF OIL, GAS & MINING

Date/Time _____ AM PM

Remarks _____

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

FORM 6

ENTITY ACTION FORM

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

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301350785	16-12D-37 BTR		SESE	12	3S	7W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	18446	2/28/2012			3/20/2012	
Comments: Spudding Operation was conducted by Triple A Drilling @ 9:30 am. GR-WS BHL sese							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301350754	14-10D-45 BTR		SESW	10	4S	5W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	18447	2/26/2012			3/20/2012	
Comments: Spudding Operating was conducted by Triple A Drilling @ 2:30 pm. GR-WS BHL sesw							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304752006	Aurora Federal 15-28D-7-20		SWSE	28	7S	20E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	18448	2/24/2012			3/20/2012	
Comments: Spudding Operating was conducted by Triple A Drilling @ 11:30 am. GR-WS BHL SWSE							

ACTION CODES:

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

Div. of Oil, Gas & Mining

Venessa Langmacher

Name (Please Print)

Venessa Langmacher

Signature

Sr Permit Analyst

2/29/2012

Title

Date

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MARCH 1 2012

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: UTU80689
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2. NAME OF OPERATOR: ELK PRODUCTION UINTAH, LLC		7. UNIT or CA AGREEMENT NAME: AURORA (DEEP)
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: AURORA FEDERAL 15-28D-7-20
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9. FIELD and POOL or WILDCAT: UNDESIGNATED		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"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 3/31/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <p style="text-align: center; font-size: 1.2em;">March 2012 monthly drilling activity report is attached.</p> <div style="text-align: right; margin-top: 20px;"> <p style="margin: 0;">Accepted by the</p> <p style="margin: 0;">Utah Division of</p> <p style="margin: 0;">Oil, Gas and Mining</p> <p style="margin: 0;">FOR RECORD ONLY</p> <p style="margin: 0;">April 13, 2012</p> </div>		
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 4/5/2012	

**Aurora Federal 15-28D-7-20 3/1/2012 06:00 - 3/2/2012 06:00**

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status COMPLETION	Total Depth (ftKB) 4,390.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	1	RIGUP & TEARDOWN	RIG UP, RAISE DERRICK @ 5:00 PM. CONTINUE TO RIG UP ROTARY TOOLS.

Aurora Federal 15-28D-7-20 3/2/2012 06:00 - 3/3/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status COMPLETION	Total Depth (ftKB) 4,390.0	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	1	RIGUP & TEARDOWN	RIG UP
08:30	2.00	10:30	14	NIPPLE UP B.O.P	NIPPLE UP CONDUCTOR RIG UP FLOW LINE
10:30	2.25	12:45	6	TRIPS	PICK UP BHA, ORENTATE MWD.
12:45	0.50	13:15	2	DRILL ACTUAL	DRLG 14 3/4" SURFACE HOLE F/ 104' TO 170' @ 132 FPH.MM 8" HUNTING 7/8 LOBE 3.4 STAGE .09 GPR. SPUD @ 12:45 HR 3/2/12.
13:15	0.50	13:45	7	LUBRICATE RIG	RIG SERVICE WORK ON TOP DRIVE.
13:45	2.25	16:00	2	DRILL ACTUAL	DRLG 170 TO 336' @ 73.7 FPH. MWD NOT WORKING. MADE UP UP SIDE DOWN.
16:00	1.50	17:30	20	DIRECTIONAL WORK	TRIP F/ MWD.
17:30	12.50	06:00	2	DRILL ACTUAL	DRLG F/ 336' TO 1824' (1488' IN 12.5 HR = 119 FPH) SLIDE:28' IN .5 HR = 56 FPH, ROTATE: 1460' IN 12 HR = 121.7 FPH.

Aurora Federal 15-28D-7-20 3/3/2012 06:00 - 3/4/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status COMPLETION	Total Depth (ftKB) 4,390.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	5.25	11:15	2	DRILL ACTUAL	DRLG 14 3/4" SURFACE HOLE F/ 1824' TO 2203' (379' IN 5.25 HR = 72.2 FPH) SLIDE: 32' IN .75 HR = 42.7 FPH, ROTATE: 347' IN 4.5 HR = 77.1 FPH. MM 8" HUNTING 7/8 LOBE 3.4 STAGE .09 GPR.
11:15	1.00	12:15	20	DIRECTIONAL WORK	CHANGE VALVE AND SEAL ON #1 PUMP
12:15	0.50	12:45	7	LUBRICATE RIG	RIG SERVICE
12:45	17.25	06:00	2	DRILL ACTUAL	DRLG F/ 2203' TO 2976' (773' IN 17.5 HR = 44.2 FPH) SLIDE: 392' IN 11.5 HR 34.1 FPH, ROTATE: 381' IN 6 HR = 63.5 FPH. HAVING TO SLIDE OVER 50% AND STILL FALLING BEHIND WITH THIS ASSEMBLY.

Aurora Federal 15-28D-7-20 3/4/2012 06:00 - 3/5/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status COMPLETION	Total Depth (ftKB) 4,390.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	5.00	11:00	2	DRILL ACTUAL	DRLG 14 3/4" HOLE F/ 2976' TO 3205' (229' IN 5 HR = 45.8 FPH) SLIDE: 135' IN 3.25 HR = 41.5 FPH, ROTATE: 94' IN 1.75 HR = 53.7 FPH. MM 8" HUNTING 7/8 LOBE 3.4 STAGE .09 GPR. 1.5 ADJUSTABLE. 35.28' ABOVE AND 12.28' TO RIGHT OF PLAN.
11:00	0.50	11:30	5	COND MUD & CIRC	CIRC. PUMP SWEEP
11:30	2.00	13:30	6		SHORT TRIP
13:30	1.75	15:15	5	COND MUD & CIRC	CIRC. COND F/ CASING BIG CHUNKS OF SHALE COMING OUT RAISE VIS.
15:15	2.50	17:45	6	TRIPS	TOOH L/D REAMERS AND MM
17:45	4.25	22:00	12	RUN CASING & CEMENT	HSM, RIG UP WEATHERFORD. RUN CASING. FS (1.80'), SHOE JT (45.21), FC (1.50), 70 JTS 10 3/4" 45.5# J55 BT&C CASING (3153.63) LANDED @ 3199'. MADE UP W/ BESTOLIFE DOPE.
22:00	0.50	22:30	5	COND MUD & CIRC	CIRC. W/ RIG PUM[@ 10.5 BL/ MIN
22:30	3.50	02:00	12	RUN CASING & CEMENT	HSM, SWAP TO HES AND CEMENT. 20 BLS H2O, 40 BLS SUPERFLUSH, 20 BLS H2O, 950 SKS HLC PREMIUM 11# 3.16 YEILD W/ 5 LB SILICALITE, .125 LB POLY-E-FLAKE, .25 LB KWIK SEAL. TAILED W/ 410 SKS PREMIUM PLUS 14.8# 1.33 YEILD W/ .125 LB POLY-E-FLKE. DISPLACED W/ 303 BL H2O.300 BLS CEMENT BACK TO SURFACE. GOOD RETURNS WHOLE JOB. BUMP PLUG. FLOATS HELD. CEMENT FELL OUT OF SIGHT IN 10 MINS.
02:00	0.50	02:30	15	TEST B.O.P	TEST CASING TO 1500# F/ 30 MINS.
02:30	3.50	06:00	13	WAIT ON CEMENT	WOC WILL TOP OFF TODAY

Aurora Federal 15-28D-7-20 3/5/2012 06:00 - 3/6/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status COMPLETION	Total Depth (ftKB) 4,390.0	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	12	RUN CASING & CEMENT	TOP OUT W/ 100 SKS PREMIUM TYPE III 15.8# W/ 2% CACL.
07:00	2.50	09:30	13	WAIT ON CEMENT	WOC
09:30	2.75	12:15	14	NIPPLE UP B.O.P	CUT OF AND WELD ON WELL HEAD TEST O 100#F/ 10 MINS
12:15	2.25	14:30	14	NIPPLE UP B.O.P	NIPPLE UP BOP
14:30	3.00	17:30	15	TEST B.O.P	TEST BOPS. TEST ALL VALVES AND RAMS TO 5000# F/ 10 MINS. TEST ANNULAR TO 2500# F/ 10 MINS, TEST SUPER CHOPKE TO 1500# F/ 10 MINS
17:30	0.50	18:00	7	LUBRICATE RIG	RIG SERVICE
18:00	0.50	18:30	14	NIPPLE UP B.O.P	INSTALL WEAR BUSHING
18:30	1.00	19:30	14	NIPPLE UP B.O.P	NIPPLE UP ROTATING HEAD AND FLOWLINE
19:30	1.00	20:30	20	DIRECTIONAL WORK	P/U MM, MWD AND OREINTATE.
20:30	2.00	22:30	6	TRIPS	TIH
22:30	1.50	00:00	21	OPEN	DRILL OUT SHOE TRACK.
00:00	0.25	00:15	21	OPEN	EMW 200 PSI W/ 9.1 MW @@ 3209' = 10.3 MW.
00:15	5.75	06:00	2	DRILL ACTUAL	DRLG 9 7/8" HOLE F/ 3205' TO 3455' (250' IN 5.75 HR = 43.5 FPH) SLIDE: 106' IN 3.25 HR = 32.6 FPH, ROTATE: 144' IN 2.5 HR = 57.6 FPH. MM 8" HUNTING 7/8 LOBE 3.4 STAGE .09 GPR 1.5 FIXED BEND 8.35 BTB.

Aurora Federal 15-28D-7-20 3/6/2012 06:00 - 3/7/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status COMPLETION	Total Depth (ftKB) 4,390.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	4.25	10:15	2	DRILL ACTUAL	DRLG F/ 3455 TO 3680' (226' IN 4.25 HR = 53.2 FPH) SLIDE:125' MIN 2 HR = 62.5 ROTATE: 101' IN 2.25 HR = 44.9 FPH.BUILDING ANGLE. MM 8" HUNTING 7/8 LOBE 3.4 STAGE .09 GPR 1.5 FIXED BEND 8.35 BTB.
10:15	0.50	10:45	20	DIRECTIONAL WORK	WORK ON MWD
10:45	3.25	14:00	2	DRILL ACTUAL	DRLG F/ 3680' TO 3869' (189' IN 3.25 HR= 58.2 FPH) SLIDE:66' IN 1.5 HR = 44 FPH, ROTATE: 123' IN 1.75 HR = 70.3 FPH.
14:00	0.50	14:30	7	LUBRICATE RIG	RIG SERVICE
14:30	1.25	15:45	2	DRILL ACTUAL	DRLG F/ 3869' TO 3920" (51' IN 1.25 HR = 40.8 FPH)
15:45	2.25	18:00	21	OPEN	TOOK KICK. 20 BLS. 300 PSI ON CASING NO PRESSURE ON DP. RAISE MUD WT. 8.8# TO 9.3# CIRC OUT THOUGH CHOKE.
18:00	1.50	19:30	2	DRILL ACTUAL	DRLG F/ 3920' TO 3963' (43
19:30	0.50	20:00	7	LUBRICATE RIG	RIG SERVICE
20:00	0.75	20:45	20	DIRECTIONAL WORK	WORK ON MWD
20:45	0.25	21:00	2	DRILL ACTUAL	DRLG F/ 3963' TO 3975' SLIDING
21:00	1.50	22:30	20	DIRECTIONAL WORK	WORK ON MWD
22:30	0.50	23:00	20	DIRECTIONAL WORK	BRING WT UP CIRC OUT GASPUMP DRY SLUG
23:00	4.00	03:00	20	DIRECTIONAL WORK	TRIP F/ MWD
03:00	0.75	03:45	20	DIRECTIONAL WORK	TROUBLE SHOOT MWD
03:45	0.25	04:00	2	DRILL ACTUAL	DRLG F/ 3975' TO 3980' ROTATING TR TO GET MWD WORKING
04:00	0.25	04:15	20	DIRECTIONAL WORK	TROUBLE SHOOT MWD
04:15	0.25	04:30	2	DRILL ACTUAL	DRLG F/ 3980 TO 3990'
04:30	0.75	05:15	20	DIRECTIONAL WORK	TROUBLE SHOOT MWD
05:15	0.75	06:00	2	DRILL ACTUAL	DRLG F/ 3990 TO 4010' TRING TO FIND SOME PLACE MWD WILL WORK

Aurora Federal 15-28D-7-20 3/7/2012 06:00 - 3/8/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status COMPLETION	Total Depth (ftKB) 4,390.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.25	06:15	20	DIRECTIONAL WORK	TROUBLESHOOT MWD COMMS PROBLEM.
06:15	0.50	06:45	5	COND MUD & CIRC	CIRCULATE BOTTOMS UP & PUMP SLUG.
06:45	1.00	07:45	6	TRIPS	POH TO TOP OF HWDP.
07:45	0.75	08:30	20	DIRECTIONAL WORK	PICK UP SPERRY REPEATER TOOLS.
08:30	1.25	09:45	6	TRIPS	RIH TO 3900'.
09:45	0.75	10:30	20	DIRECTIONAL WORK	TROUBLESHOOT MWD TOOL & ATTEMPT TO ESTABLISH COMMS.
10:30	0.75	11:15	3	REAMING	PRECAUTIONARY WASH TO TD, CIRCULATE BOTTOMS UP & ATTEMPT CHECK SHOT.
11:15	0.25	11:30	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 4010-4020'. ROP 40 FPH.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
11:30	1.00	12:30	2	DRILL ACTUAL	SLIDE DRILL 9 7/8 HOLE 4020-4041'. ROP 21 FPH. STILL HAVING INTERMITTENT COMMS PROBLEM.
12:30	0.25	12:45	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 4041-4051'. ROP 40 FPH.
12:45	0.50	13:15	20	DIRECTIONAL WORK	TROUBLESHOOT MWD COMMS PROBLEM.
13:15	0.25	13:30	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 4051-4060'. ROP 36 FPH.
13:30	0.75	14:15	2	DRILL ACTUAL	SLIDE DRILL 9 7/8 HOLE 4060-4083'. ROP 30.7 FPH.
14:15	0.25	14:30	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 4083-4090'. ROP 28 FPH.
14:30	0.75	15:15	2	DRILL ACTUAL	SLIDE DRILL 9 7/8 HOLE 4090-4120'. ROP 40 FPH.
15:15	0.25	15:30	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 4120-4138'. ROP 72 FPH.
15:30	0.50	16:00	2	DRILL ACTUAL	SLIDE DRILL 9 7/8 HOLE 4138-4160'. ROP 44 FPH.
16:00	0.25	16:15	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 4160-4186'. ROP 104 FPH.
16:15	0.50	16:45	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
16:45	0.25	17:00	2	DRILL ACTUAL	SLIDE DRILL 9 7/8 HOLE 4186-4210'. ROP 96 FPH.
17:00	0.25	17:15	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 4210-4233'. ROP 92 FPH.
17:15	4.00	21:15	2	DRILL ACTUAL	SLIDE DRILL 9 7/8 HOLE 4233-4257'. ROP 6 FPH. HELD BOP DRILL. 45 SEC RESPONSE.
21:15	5.00	02:15	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 4257-4271'. ROP 2.8 FPH. ONE PUMP DOWN 4257-4265'.
02:15	3.00	05:15	6	TRIPS	FLOW CHECK, PUMP SLUG & POH FOR NEW BIT #3. BIT #2: 8-3-CR-C-X-I-BT-PR.
05:15	0.75	06:00	6	TRIPS	MAKE UP NEW 9 7/8 BIT #3 (HTC, Q507FX) & RIH TO 400'.

Aurora Federal 15-28D-7-20 3/8/2012 06:00 - 3/9/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status COMPLETION	Total Depth (ftKB) 4,390.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.25	08:15	6	TRIPS	RIH W/BIT #3. INSTALL ROTATING RUBBER & FILL STRING @ SHOE.
08:15	0.50	08:45	3	REAMING	MAKE UP TOP DRIVE & FILL STRING. PRECAUTIONARY WASH LAST JT TO BOTTOM
08:45	0.75	09:30	2	DRILL ACTUAL	BREAK IN BIT & SLIDE DRILL 9 7/8 HOLE 4271-4281'. ROP 13.3 FPH.
09:30	0.50	10:00	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 4281-4296'. ROP 30 FPH.
10:00	1.00	11:00	2	DRILL ACTUAL	SLIDE DRILL 9 7/8 HOLE 4296-4326'. ROP 30 FPH.
11:00	0.50	11:30	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 4326-4342'. ROP 24 FPH.
11:30	0.75	12:15	2	DRILL ACTUAL	SLIDE DRILL 9 7/8 HOLE 4343-4377'. ROP 46.7 FPH.
12:15	0.25	12:30	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 4377-4390'. ROP 52 FPH.
12:30	1.00	13:30	20	DIRECTIONAL WORK	MWD APPEARS TO BE GIVING INCORRECT TOOL FACES. PULL A STAND & CHECK SHOT. MWD GIVING CORRECT SURVEYS.
13:30	0.25	13:45	5	COND MUD & CIRC	CIRCULATE, MIX & PUMP SLUG.
13:45	1.25	15:00	6	TRIPS	POH TO DOWNSIZE HOLE TO 8 3/4 & TROUBLESHOOT MWD. REMOVE ROTATING RUBBER.
15:00	2.75	17:45	6	TRIPS	LAY DOWN 8" BHA.
17:45	0.25	18:00	6	TRIPS	CLEAN UP RIG FLOOR & REMOVE 8" HANDLING SUBS.
18:00	3.00	21:00	6	TRIPS	MAKE UP NEW BIT #4 & PICK UP 6 1/2 BHA/SPERRY TOOLS. TEST SPERRY TOOLS.
21:00	1.50	22:30	6	TRIPS	RIH. FILL STRING AT SHOE & 3500'.
22:30	0.25	22:45	20	DIRECTIONAL WORK	TROUBLESHOOT MWD COMMS PROBLEM.
22:45	0.50	23:15	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
23:15	0.75	00:00	3	REAMING	RIH TO 4350' & WASH TO BOTTOM.
00:00	0.50	00:30	2	DRILL ACTUAL	BREAK IN BIT & ROTATE DRILL 8 3/4 HOLE 4390-4400'. ROP 20 FPH.
00:30	1.25	01:45	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 4400-4435'. ROP 28 FPH.
01:45	0.25	02:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 4435-4446'. ROP 44 FPH.
02:00	1.00	03:00	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 4446-4481'. ROP 35 FPH.
03:00	0.50	03:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 4481-4491'. ROP 20 FPH.
03:30	0.50	04:00	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 4491-4511'. ROP 40 FPH.
04:00	2.00	06:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 4511-4625'. ROP 57 FPH.

Aurora Federal 15-28D-7-20 3/9/2012 06:00 - 3/10/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status COMPLETION	Total Depth (ftKB) 4,390.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.25	06:15	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 4625-4636'. ROP 44 FPH. GAS FROM 4610' UP TO 5700 U.
06:15	0.75	07:00	5	COND MUD & CIRC	CIRCULATE OUT GAS FROM 4610'. BGG REMAINS AT ~2500-3000 U. START INCREASING MW 9.4 TO 9.6 PPG.
07:00	0.75	07:45	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 4636-4656'. ROP 26.7 FPH.
07:45	0.75	08:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 4656-4682'. ROP 34.7 FPH.
08:30	1.00	09:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 4682-4707'. ROP 25 FPH.
09:30	0.75	10:15	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 4707-4728'. ROP 28 FPH. BGG DOWN TO 300-600U.
10:15	0.50	10:45	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 4728-4736'. ROP 16 FPH.
10:45	0.50	11:15	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 4736-4776'. ROP 80 FPH.
11:15	0.50	11:45	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 4776-4784'. ROP 16 FPH.
11:45	0.75	12:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 4784-4823'. ROP 52 FPH.
12:30	0.25	12:45	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 4823-4833'. ROP 40 FPH.
12:45	0.75	13:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 4833-4870'. ROP 49.3 FPH.
13:30	0.50	14:00	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 4870-4885'. ROP 30 FPH.
14:00	0.50	14:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 4885-4916'. ROP 62 FPH.
14:30	0.50	15:00	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 4916-4926'. ROP 20 FPH.
15:00	1.25	16:15	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 4926-5010'. ROP 67.2 FPH.
16:15	0.50	16:45	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
16:45	0.25	17:00	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 5010-5022'. ROP 48 FPH.
17:00	1.00	18:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 5022-5057'. ROP 35 FPH.
18:00	0.50	18:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 5057-5068'. ROP 22 FPH.
18:30	1.25	19:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 5068-5106'. ROP 30.4 FPH.
19:45	0.25	20:00	8	REPAIR RIG	ATTEMPT TO REPAIR PASON FLOW METER W/O SUCCESS. INSIDE SLEEVE OF FLOWLINE INTERFERING W/PADDLE.
20:00	4.00	00:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 5106-5247'. ROP 35.25 FPH.
00:00	0.50	00:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 5247-5258'. ROP 22 FPH.
00:30	2.00	02:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 5258-5297'. ROP 19.5 FPH. DRILL W/ONE PUMP FROM 00:45 HRS, 5260'.
02:30	1.00	03:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 5297-5317'. ROP 20 FPH.
03:30	0.50	04:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 5317-5344'. ROP 34 FPH. BACK ON 2 PUMPS @ 0345 HRS, 5330'.
04:00	2.00	06:00	21	OPEN	TROUBLESHOOT PUMP PRESSURE LOSS. TEST PUMPS - OK. PUMPED CARBIDE, BUT WAS MASKED BY DOWNTIME GAS. PROBLEM APPEARS TO BE BELOW 4000'. PUMPED SOFTLINE FLAG.

Aurora Federal 15-28D-7-20 3/10/2012 06:00 - 3/11/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status COMPLETION	Total Depth (ftKB) 4,390.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.50	09:30	6	TRIPS	REMOVE ROTATING RUBBER & POH WET LOOKING FOR WASHOUT. FOUND WASHOUT BEHIND BEARING BLOCK ON LOWER ROLLER REAMER. INSPECT BIT: 0-0-NO-A-X-I-NO-DTF. LAY DOWN ROLLER REAMER.
09:30	3.25	12:45	6	TRIPS	PICK UP NM STAB TO REPLACE ROLLER REAMER. CHECK MOTOR & MWD & RE-SCRIBE MOTOR TO MWD. RIH. FILL STRING AT SHOE. INSTALL ROTATING RUBBER. PRECAUTIONARY WASH 5300-5344'.
12:45	1.25	14:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 5344-5389'. ROP 36 FPH.
14:00	0.25	14:15	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 5389-5401'. ROP 48 FPH.
14:15	0.75	15:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 5401-5436'. ROP 46.7 FPH.
15:00	0.25	15:15	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 5436-5448'. ROP 48 FPH.
15:15	0.75	16:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 5448-5482'. ROP 45.3 FPH.
16:00	0.50	16:30	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
16:30	0.25	16:45	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 5482-5490'. ROP 32 FPH.
16:45	4.75	21:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 5490-5767'. ROP 58.3 FPH.
21:30	0.50	22:00	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 5767-5786'. ROP 38 FPH.
22:00	2.25	00:15	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 5786-5954'. ROP 74.7 FPH.
00:15	0.50	00:45	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 5954-5966'. ROP 24 FPH.
00:45	3.25	04:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 5966-6144'. ROP 54.8 FPH.
04:00	0.50	04:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6144-6152'. ROP 16 FPH.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
04:30	1.50	06:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6152-6237'. ROP 56.7 FPH.

Aurora Federal 15-28D-7-20 3/11/2012 06:00 - 3/12/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520060000	UT	Uintah	Aurora	COMPLETION	4,390.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.25	06:15	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6237-6247'. ROP 40 FPH.
06:15	1.50	07:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6247-6330'. ROP 55.3 FPH.
07:45	0.50	08:15	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6330-6340'. ROP 20 FPH.
08:15	1.50	09:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6340-6424'. ROP 56 FPH.
09:45	0.50	10:15	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6424-6438'. ROP 28 FPH.
10:15	1.75	12:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6438-6524'. ROP 49.1 FPH.
12:00	1.25	13:15	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6524-6534'. ROP 8 FPH.
13:15	1.00	14:15	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6534-6616'. ROP 82 FPH.
14:15	0.50	14:45	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6616-6626'. ROP 20 FPH.
14:45	1.25	16:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6626-6705'. ROP 63.2 FPH.
16:00	0.50	16:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6705-6717'. ROP 24 FPH.
16:30	0.75	17:15	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6717-6802'. ROP 113.3 FPH.
17:15	0.50	17:45	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
17:45	0.50	18:15	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6802-6816'. ROP 28 FPH.
18:15	2.50	20:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6816-6897'. ROP 32.4 FPH.
20:45	1.50	22:15	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6897-6917'. ROP 13.3 FPH.
22:15	2.50	00:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6917-6991'. ROP 29.6 FPH.
00:45	0.75	01:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6991-7001'. ROP 13.3 FPH.
01:30	3.25	04:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 7001-7085'. ROP 25.8 FPH. PARTIAL LOSSES AT ~ 7010'. COMMENCE MIXING LCM & BYPASS SHAKERS.
04:45	1.25	06:00	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 7085-7094'. ROP 7.2 FPH. 80% WELL CEMENTED SAND.

Aurora Federal 15-28D-7-20 3/12/2012 06:00 - 3/13/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520060000	UT	Uintah	Aurora	COMPLETION	4,390.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 7094-7098'. ROP 8 FPH.
06:30	4.75	11:15	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 7098-7178'. ROP 16.8 FPH.
11:15	3.25	14:30	6	TRIPS	PUMP SLUG & POH FOR NEW BIT #6. CHANGE MWD TOOLS, LAY DOWN ROLLER REAMER, BREAK OFF BIT (1-3-WT-S-X-I-BT-PR).
14:30	3.00	17:30	2	DRILL ACTUAL	MAKE UP NEW BIT #6 (HTC, Q507FX). PICK UP ROLLER REAMER. RIH TO 4500'. FILL STRING AT 3400' & TEST MWD & 5200'.
17:30	0.50	18:00	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
18:00	1.75	19:45	6	TRIPS	CONTINUE RIH W/BIT #6 TO 7080'.
19:45	7.50	03:15	2	DRILL ACTUAL	BREAK IN BIT & ROTATE DRILL 8 3/4 HOLE 7178-7371'. ROP 25.7 FPH. SHAKE OUT LCM. LOST RETURNS TEMPORARILY AGAIN @ 7345'. MIX/PUMP LCM & BYPASS SHAKERS FOR ~1 HR. REGAINED ALL RETURNS.
03:15	1.50	04:45	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 7371-7381'. ROP 6.7 FPH.
04:45	1.25	06:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 7381-7415'. ROP 27.2 FPH.

Aurora Federal 15-28D-7-20 3/13/2012 06:00 - 3/14/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520060000	UT	Uintah	Aurora	COMPLETION	4,390.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.50	07:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 7415-7461'. ROP 30.7 FPH.
07:30	1.25	08:45	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 7461-7473'. ROP 9.6 FPH.
08:45	9.25	18:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 7473-7745'. ROP 29.4 FPH.
18:00	1.00	19:00	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 7745-7755'. ROP 10 FPH.
19:00	4.00	23:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 7755-7839'. ROP 21 FPH.
23:00	0.50	23:30	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
23:30	6.50	06:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 7839-8020'. ROP 27.8 FPH.


Aurora Federal 15-28D-7-20 3/14/2012 06:00 - 3/15/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status COMPLETION	Total Depth (ftKB) 4,390.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	3.00	09:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 8020-8121'. ROP 33.7 FPH.	
09:00	0.75	09:45	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 8121-8131'. ROP 13.3 FPH.	
09:45	6.50	16:15	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 8131-8308'. ROP 27.2 FPH.	
16:15	0.50	16:45	7	LUBRICATE RIG	ROUTINE RIG SERVICE.	
16:45	0.50	17:15	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 8308-8320'. ROP 24 FPH.	
17:15	4.00	21:15	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 8320-8404'. ROP 21 FPH.	
21:15	0.75	22:00	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 8404-8416'. ROP 16 FPH.	
22:00	3.50	01:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 8416-8498'. ROP 23.4 FPH.	
01:30	1.00	02:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 8498-8520'. ROP 22 FPH.	
02:30	2.25	04:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 8520-8591'. ROP 31.6 FPH.	
04:45	0.75	05:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 8591-8603'. ROP 16 FPH.	
05:30	0.50	06:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 8603-8615'. ROP 24 FPH.	

Aurora Federal 15-28D-7-20 3/15/2012 06:00 - 3/16/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status COMPLETION	Total Depth (ftKB) 4,390.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	8.75	14:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 8615-8874'. ROP 29.6 FPH.	
14:45	5.00	19:45	6	TRIPS	PUMP SLUG & POH FOR NEW BIT #7. TIGHT @ 7128'. BACKREAM/REAM 7118-7148'. MIX/PUMP ANOTHER SLUG. LAY DOWN TOP NMIBS. BREAK OFF BIT (2-3-BT-S-X-I-BT-PR) & LAY DOWN MOTOR.	
19:45	1.25	21:00	6	TRIPS	PICK UP NEW MOTOR & MAKE UP BIT #7. SCRIBE MOTOR TO MWD. RIH, PICK UP 8 5/8 ROLLER IN PLACE OF TOP NMIBS.	
21:00	5.50	02:30	6	TRIPS	RIH. FILL STRING @ SHOE. WASH TIGHT SPOT WASH/REAM 7142-7236' (TIGHT SPOT ON POH). RIH TO 8800'. PRECAUTIONARY WASH TO TD.	
02:30	1.00	03:30	5	COND MUD & CIRC	LOST RETURNS. BUILD VOLUME WHILE CIRCULATING SLOWLY W/PARTIAL RETURNS.	
03:30	0.25	03:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 8874-8879'. HIGH TORQUE, ROTARY STALLING.	
03:45	1.25	05:00	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 8879-8895'. ROP 12.8 FPH. TOOLFACE CONTROL VERY DIFFICULT.	
05:00	1.00	06:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 8895-8910'. ROP 15 FPH. HIGH TORQUE, ROTARY STALLING. COMMENCE INCREASING MW TO 9.8 PPG. MIXING LCM, NOT BYPASSNG SHAKERS. FULL RETURNS.	

Aurora Federal 15-28D-7-20 3/16/2012 06:00 - 3/17/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status COMPLETION	Total Depth (ftKB) 4,390.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	5.25	11:15	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 8910-9056'. ROP 27.8 FPH.	
11:15	1.25	12:30	20	DIRECTIONAL WORK	MWD COMMS PROBLEM. TOOLFACE WOULDN'T STAY UP.	
12:30	1.75	14:15	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 9056-9074'. ROP 10.3 FPH.	
14:15	2.75	17:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 9074-9150'. ROP 27.6 FPH. LOST 77 BBL @ 9107'. MXING LCM & BUILDING VOLUME.	
17:00	0.50	17:30	7	LUBRICATE RIG	ROUTINE RIG SERVICE.	
17:30	12.50	06:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 9150-9488'. ROP 27 FPH. HOLE OCCASIONALLY TAKING 30-50 BBL. MIXING LCM TO CONTROL. NOT BYPASSING SHAKERS.	

Aurora Federal 15-28D-7-20 3/17/2012 06:00 - 3/18/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status COMPLETION	Total Depth (ftKB) 4,390.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	1.50	07:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 9490-9528'. ROP 26.7 FPH. FREQUENT HIGH, ERRATIC TORQUE & ROTARY STALLS.	
07:30	0.75	08:15	3	REAMING	BACKREAM/REAM STAND BEFORE CONNECTION DUE TO HIGH/ERRATIC TORQUE & HIGH DRAG.	
08:15	3.25	11:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 9528-9602'. ROP 22.8 FPH. STILL OBSERVING HIGH/ERRATIC TORQUE. NO DIFF PRESSURE SPIKES.	



Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
11:30	0.25	11:45	3	REAMING	BACKREAM/REAM JT DUE TO HIGH/ERRATIC TORQUE.
11:45	0.75	12:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 9602-9621'. ROP 25.3 FPH.
12:30	0.50	13:00	3	REAMING	BACKREAM/REAM STAND BEFORE CONNECTION DUE TO HIGH/ERRATIC TORQUE.
13:00	1.25	14:15	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 9621-9639'. ROP 14.4 FPH.
14:15	0.75	15:00	3	REAMING	BACKREAM/REAM JT DUE TO HIGH/ERRATIC TORQUE.
15:00	4.00	19:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 9639-9712 (TD)'. ROP 18.3 FPH. POWER OUTAGE @ 18:37 - 18:43 HRS.
19:00	2.00	21:00	5	COND MUD & CIRC	PUMP 50 BBL HIVIS/LCM SWEEP & CIRCULATE SWEEP OVER SHAKERS. NO EXCESS CUTTING/CAVINGS. TOOK FINAL SURVEY.
21:00	3.00	00:00	6	TRIPS	STARTED SHORT TRIP TO 7100'. ATTEMPT TO PULL, BUT COULDN'T. DECIDED TO TRIP ALL THE WAY OUT, CHECK BHA & LAY DOWN SPERRY TOOLS. BACKREAM OUT TO 7833'. ST80 BROKE ON SECOND STAND BROKE. RIGGED UP ROTARY TONGS.
00:00	0.50	00:30	7	LUBRICATE RIG	ROUTINE RIG SERVICE & MIX/PUMP SLUG & RIG DOWN ROTARY TONGS.
00:30	2.75	03:15	2	DRILL ACTUAL	POH TO 672'.
03:15	2.75	06:00	6	TRIPS	STAND BACK BHA & LAY DOWN SPERRY TOOLS. GAUGE REAMERS, NMIBS & BIT. ALL GAUGES OK. BIT COND: 1-4-BT-S-X-I-WT-TD.

Aurora Federal 15-28D-7-20 3/18/2012 06:00 - 3/19/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status COMPLETION	Total Depth (ftKB) 4,390.0	Primary Job Type Drilling & Completion
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Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	4.25	10:15	6	TRIPS	MAKE UP 8 3/4 CLEAN OUT BHA & RIH TO 6976'.
10:15	0.50	10:45	5	COND MUD & CIRC	FILL STRING & CIRCULATE OUT 5850 U TRIP GAS.
10:45	12.25	23:00	3	REAMING	WASH/REAM 7038'-TD. RE-REAM TIGHT PLACES. AT 8575', INCREASING MW TO 10 PPG WHILE MIXING LCM. NOT BYPASSING SHAKERS. OBSERVING LOTS CAVINGS AT SHAKERS. AT 10 PPG, LOSING MUD. LOWERED MW BACK TO 9.9 PPG.
23:00	1.50	00:30	5	COND MUD & CIRC	CIRCULATE 50 BBL HIVIS/LCM SWEEP, 1 1/2 BOTTOMS UP & MIX 2 PPB BLOWN ASPHALT.
00:30	5.50	06:00	6	TRIPS	POH TO LOG. PUMPED OUT OF HOLE TO 8106'. DRAG UP TO 100K OVER. PUMP SLUG & CONTINUE TO POH TO LOG.

Aurora Federal 15-28D-7-20 3/19/2012 06:00 - 3/20/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status COMPLETION	Total Depth (ftKB) 4,390.0	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	11	WIRELINE LOGS	CLEAN UP RIG FLOOR & RIG UP HALLIBURTON E-LOGGERS.
08:00	5.50	13:30	11	WIRELINE LOGS	RUN HALLIBURTON OPEN HOLE LOG. LOG DOWN TO 7138' & TAGGED UP. ATTEMPT TO PASS W/O SUCCESS. LOG UP.
13:30	1.50	15:00	11	WIRELINE LOGS	RIG DOWN LOGGERS.
15:00	1.50	16:30	6	TRIPS	MAKE UP 8 3/4 SLICK BHA & RIH TO SHOE. FILL STRING. PRETREATED SURFACE MUD SYSTEM W/10% LCM & 3 PPB SOLTEX.
16:30	0.75	17:15	9	CUT OFF DRILL LINE	SLIP/CUT 99' DRILLING LINE.
17:15	5.75	23:00	6	TRIPS	RIH TO 5340'. WORK THRU BRIDGE. RUN TO 7204'. WASH/REAM 7204-7299'. RUN TO 8273'. WASH/REAM 8254-9712'. INCREASE MW TO 10.2 PPG & MAINTAIN 15% LCM BYPASSING SHAKERS. MAINTAINING CIRCULATION W/O LOSSES.
23:00	0.50	23:30	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
23:30	2.50	02:00	5	COND MUD & CIRC	PUMP 50 BBL HIVIS/LCM SWEEP & CIRCULATE AROUND. GOOD RETURNS.
02:00	0.50	02:30	6	TRIPS	POH TO 9413'. PULLED TIGHT, 100K OVERPULL..
02:30	3.50	06:00	2	DRILL ACTUAL	MAKE UP TOP DRIVE & WHILE BACKREAMING AT 9530', LOST RETURNS. REGAINED RETURNS AFTER ~1 HR. BACKREAM OUT W/SOME PROGRESS TO 9280'. INDICATIONS ARE THAT STRING IS PACKED OFF ABOVE BIT: LITTLE OR NO RETURNS, TIGHT HOLE & HIGHER THAN NORMAL PUMP PRESSURE.

Aurora Federal 15-28D-7-20 3/20/2012 06:00 - 3/21/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status COMPLETION	Total Depth (ftKB) 4,390.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	3.00	09:00	6	TRIPS	BACKREAM OUT TO 8000'. PULL STANDS TO 7100'. MW 10.3 PPG.	
09:00	1.75	10:45	5	COND MUD & CIRC	CIRCULATE & INCREASE MW TO 10.4 PPG MAINTAINING ~20% LCM	
10:45	1.00	11:45	6	TRIPS	RIH TO 8000'. WASH/REAM TO 8500'.	
11:45	0.75	12:30	5	COND MUD & CIRC	AT 8500', PUMP & CIRCULATE OUT A 20 BBL LOVIS & 30 BBL HIVIS SWEEP. NO EXCESS CAVINGS.	
12:30	3.00	15:30	6	TRIPS	WASH/REAM TO 9036'.	
15:30	0.75	16:15	5	COND MUD & CIRC	AT 9000', PUMP & CIRCULATE AROUND 30 BBL LOVIS & 30 BBL HIVIS SWEEP. OBSERVED SOME LARGE, FLAT CAVINGS AT SHAKERS.	
16:15	2.75	19:00	6	TRIPS	WASH/REAM TO TD.	
19:00	1.25	20:15	5	COND MUD & CIRC	AT TD, PUMP 30 BBL LOVIS & 30 BBL HIVIS SWEEPS & CIRCULATE AROUND. SOME LARGE CAVINGS, BUT NOT VERY MANY.	
20:15	0.50	20:45	6	TRIPS	STOP PUMPS & ROTARY & ATTEMPT TO PULL STRING. 100K OVERPULL ON FIRST STAND & STRING PACKED OFF. PUMP, WORK & ROTATE STRING & REGAINED CIRCULATION.	
20:45	6.75	03:30	5	COND MUD & CIRC	CIRCULATE & INCREASE MUD WT TO 10.7 PPG. INCREASE PUMP RATE TO 760 GPM TO IMPROVE HOLE CLEANING. INCREASE MW TO 10.9 PPG.	
03:30	0.50	04:00	7	LUBRICATE RIG	ROUTINE RIG SERVICE.	
04:00	1.75	05:45	6	TRIPS	ATTEMPT TO PULL STRING. HAD TO BACKREAM OUT TO 9161, THEN COULD PULL W/O PUMP OR ROTATION. PULLED TO 8385'.	
05:45	0.25	06:00	6	TRIPS	WASH/REAM 8385-8600'. SCREEN UP SHAKER W/100 MESH SCREENS & COMMENCED SHAKING OUT OLD LCM & REPLACING W/NEW LCM. INCREASING VISCOSITY FROM ~55 SEC TO 100+ SEC.	

Aurora Federal 15-28D-7-20 3/21/2012 06:00 - 3/22/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520060000	UT	Uintah	Aurora	COMPLETION	4,390.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	5.00	11:00	3	REAMING	WASH TO BOTTOM	
11:00	3.00	14:00	5	COND MUD & CIRC	CIRC. SHAKE OUT LCM, REPLACE W/ NEW. RAISE VIS W/ GEL TO 60. VIS FALLING AS WE RAISE.	
14:00	1.50	15:30	6	TRIPS	SHORT TRIP TO 9000' . HAD REAM @ 9400' ON WAY OUT.	
15:30	0.50	16:00	7	LUBRICATE RIG	RIG SERVICE. R X/O LINK TILT RAMS.	
16:00	1.00	17:00	6	TRIPS	TRIP IN 70' OF FILL	
17:00	5.50	22:30	5	COND MUD & CIRC	CIRC. CONT. TO RASE VIS TO 90.	
22:30	2.75	01:15	6	TRIPS	SHORT TRIP TO 7000'	
01:15	1.00	02:15	5	COND MUD & CIRC	CIRC. BOTTOMS UP. @ 17 BBL/ MIN W/ 70 VIS AND 10.3 WT.	
02:15	3.75	06:00	6	TRIPS	TOOH F/ LOGS	

Aurora Federal 15-28D-7-20 3/22/2012 06:00 - 3/23/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520060000	UT	Uintah	Aurora	COMPLETION	4,390.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	9.00	15:00	11	WIRELINE LOGS	HSM, RIG UP HES AND LOG. QUADE COMBO F/ 9708' TO 7100'. LOGGERS BROKE DN FOR 2.5 HRS. X/O COMPUTER IN TRUCK.	
15:00	0.50	15:30	14	NIPPLE UP B.O.P	PULL WEART BUSHING	
15:30	0.50	16:00	7	LUBRICATE RIG	RIG SERVICE	
16:00	4.75	20:45	6	TRIPS	TIH, BREAK CIRC. EVERY 2000'	
20:45	0.75	21:30	5	COND MUD & CIRC	CIRC. BOTTOMS UP, COND F/ CASING	
21:30	7.00	04:30	6	TRIPS	LDDP AND DCS	
04:30	1.50	06:00	12	RUN CASING & CEMENT	HSM, RIG UP WEATHERFORD AND RUN 5 1/2" CASING DETAILS ON NEXT REPORT.	

Aurora Federal 15-28D-7-20 3/23/2012 06:00 - 3/24/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520060000	UT	Uintah	Aurora	COMPLETION	4,390.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	8.50	14:30	12	RUN CASING & CEMENT	RUN CASING, FC (1.54), 2 SHOE JTS (86.42), FC (1.38) 31 JTS 5 1/2" 17# P110 LT&C CASING (1293.56), MARKER JT (21.12), 40 JTS CASING (1696.24), MARKER JT (21.99), 28 JTS (1182.58), MARKER JT (21.85), 128 JTS (5374.87). LANDED @ 9698' MADE UP W/ BESTOLIFE DOPE TO 4620 FT/ LB.
14:30	0.50	15:00	7	LUBRICATE RIG	RIG SERVICE
15:00	1.25	16:15	5	COND MUD & CIRC	CIRC. COND F/ CEMENT
16:15	3.50	19:45	12	RUN CASING & CEMENT	HSM SWAP HES, CEMENT 10 BLS H2O, 40 BLS SUPERFLUSH, 10 BLS H2O, 680 SKS TUNED LIGHT 11# 2.33 YEILD W/ 5 LB SILACALITE, 10 LB SCOTCHLIGHT, .35 LB HALAD R., 5 LB D AIR 5000, 1 LB HR-5, .312 IB ECONOLITE, .125 POLY-E-FLAKE, 1 LB GRANULITE, TAILED W/ 1430 SACKS ECONOCHEM 13.5#, 1.42 YEILD, W/ 2% BENTONITE, 3% POSAUME CHLORIDE, .75% HALAD 322, .2% FWCA, .3% SUPER CBL, 125 LB POLY-E-FLAKE, 1 LB GRANULITE. DISPLACED W/ 223 BL CAYWEB ALCICIDE WATER. BUMP PLUG, FLOATS HELD. GOOD RETURNS ON WHOLE JOB. GOT 30 BLS SPACER TO SURFACE.
19:45	10.25	06:00	14	NIPPLE UP B.O.P	NIPPLE DN SET SLIPS CLEAN MUD TANKS. RIG RELEASE 3/24/12 06:00 HR

Aurora Federal 15-28D-7-20 3/26/2012 06:00 - 3/27/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520060000	UT	Uintah	Aurora	COMPLETION	4,390.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	LOCL	Lock Wellhead & Secure	Well shut in & Secured. Bladed and cleaned off location.

Aurora Federal 15-28D-7-20 3/27/2012 06:00 - 3/28/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520060000	UT	Uintah	Aurora	COMPLETION	4,390.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	Move In And Set Treater Build Pads For Production Battery

Aurora Federal 15-28D-7-20 3/28/2012 06:00 - 3/29/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520060000	UT	Uintah	Aurora	COMPLETION	4,390.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	LOCL	Lock Wellhead & Secure	Well Secured With 11" Night Cap. BackFill Cellar
08:00	2.50	10:30	IWHD	Install Wellhead	Safety Meeting With Cameron, Check Surface Casing & 5.5" For Pressure, 0 Psi On Both Sides. N/D 11" Night Cap, Cleaned And Dressed Up 5.5" Csg Top, Set And N/U 11" x 7 1/16" 5k Tbg. Head With 2 1/16" x 5k Gate Valves. Tested Hanger Seals To 5000 Psi, Good Test. Secured Well Head With 7" 5K Night Cap.
10:30	7.50	18:00	GOP	General Operations	Bring In 5 Tanks For Frac Line. Construction Crew Working On Facility Set-Up.
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	WSI Shut In And Secured.

Aurora Federal 15-28D-7-20 3/29/2012 06:00 - 3/30/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520060000	UT	Uintah	Aurora	COMPLETION	4,390.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	GOP	General Operations	WSI And Secured. Prod. Crews Working On Facilities.
07:00	2.00	09:00	SRIG	Rig Up/Down	MIRU SLB W/L Crew And Equipment. Hold Safety Meeting. Rig Up Gauge Ring And Logging Tool.
09:00	5.00	14:00	LOGG	Logging	P/U Junk Basket/Gauge Ring. RIH, Tagged Up At 9,502', FC At 9,609', 107' Of Fill. POOH, P/U CBL Tool, Rih To PBD, 9,502', Correlating To HES Spectral Density/ Dual Spaced Neutron Dated 03-22-2012. Run Repeat Section From 9,500 - 9,250', Log Up Hole. Showed Real Good Bond From TD To 3000', 3000' - 2000' Good To Fair. TOC 1150'. Ran With Pressure. Found Short Joints At 5358 - 5380, 6662 - 6684, And 8,067 - 8,087'. Pooh, RD Equipment, MOL.
14:00	4.00	18:00	GOP	General Operations	Production Crew Con't. Working On Facilities. Spotting Frac Line. Filling With 3% KCL
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: UTU80689	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7. UNIT or CA AGREEMENT NAME: AURORA (DEEP)	
8. WELL NAME and NUMBER: AURORA FEDERAL 15-28D-7-20	
9. API NUMBER: 43047520060000	
9. FIELD and POOL or WILDCAT: UNDESIGNATED	
COUNTY: UINTAH	
STATE: UTAH	

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL Oil Well	
2. NAME OF OPERATOR: ELK PRODUCTION UINTAH, LLC	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8128 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0098 FSL 2286 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 28 Township: 07.0S Range: 20.0E Meridian: S	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 4/30/2012	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

April 2012 monthly drilling activity report is attached.

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

FOR RECORD ONLY

May 10, 2012

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 5/3/2012	

**Aurora Federal 15-28D-7-20 4/2/2012 06:00 - 4/3/2012 06:00**

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status COMPLETION	Total Depth (ftKB) 9,712.0	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	Prod. Crew Working On Facilities. Rigged Up Water Fill Manifold. Spotted 7 Of 10 Frac Tanks In RNI Yard For Staging Area.

Aurora Federal 15-28D-7-20 4/3/2012 06:00 - 4/4/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status COMPLETION	Total Depth (ftKB) 9,712.0	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	Finish Moving Staging Area To RNI Yard Spot Open Tops Prod. Crew Working On Facilities.

Aurora Federal 15-28D-7-20 4/4/2012 06:00 - 4/5/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status COMPLETION	Total Depth (ftKB) 9,712.0	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	LOCL	Lock Wellhead & Secure	Filled Staging area with 3% KCL. Built containment berms around flow back tanks. Set frac mandrel & 5 1/8" frac tree, placed and N/U 1002 goat head. Pressure tested casing to 8500 psi, held test on casing for 30 minutes on chart recorder. Good test. tested sand trap & flow back system to 2000 & 4000 psi. Construction crew con't to work on production facilities.

Aurora Federal 15-28D-7-20 4/5/2012 06:00 - 4/6/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status COMPLETION	Total Depth (ftKB) 9,712.0	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	LOCL	Lock Wellhead & Secure	Frac tree shut in and secured. Construction continued to work on production facilities. finished trapping flow back tanks and setting line restraints

Aurora Federal 15-28D-7-20 4/6/2012 06:00 - 4/7/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status COMPLETION	Total Depth (ftKB) 9,712.0	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	LOCL	Lock Wellhead & Secure	Frac tree & well head is shut in and secured. Set storage tanks, finished topping off frac tanks with 3% kcl, Build containment berms, location is ready for frac. All that's remaining is insulating the production equipment & Hooking up the electrical.

Aurora Federal 15-28D-7-20 4/7/2012 06:00 - 4/8/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status COMPLETION	Total Depth (ftKB) 9,712.0	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	LOCL	Lock Wellhead & Secure	Well shut in and secured. No Construction or Completion Activity today.

Aurora Federal 15-28D-7-20 4/8/2012 06:00 - 4/9/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status COMPLETION	Total Depth (ftKB) 9,712.0	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	LOCL	Lock Wellhead & Secure	Frac tree shut in & secured, No completion or construction activity.

Aurora Federal 15-28D-7-20 4/10/2012 06:00 - 4/11/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status COMPLETION	Total Depth (ftKB) 9,712.0	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	LOCL	Lock Wellhead & Secure	Well shut in & Secured, Heating frac water. Moved in mountain movers, Set HES water manifold.


Aurora Federal 15-28D-7-20 4/11/2012 06:00 - 4/12/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status COMPLETION	Total Depth (ftKB) 9,712.0	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	LOCL	Lock Wellhead & Secure	Frac tree shut in and secured. E-line crew traveled to location.
08:00	2.00	10:00	SRIG	Rig Up/Down	MIRU SLB Wire line equipment. Pressure tested e-line's pressure control equipment to 3000 psi, test held good. P/up Stg #1 perf guns.
10:00	1.00	11:00	PFRT	Perforating	RIH with Stg#1 perf guns. Completed tie in using Halliburton Log reference, Perforated stg #1 from 9187' to 9469', placing a total of 51 holes in EB-9 & North Horn section, all shots fired as designed. Pooh with spent guns.
11:00	3.00	14:00	SRIG	Rig Up/Down	MIRU Halliburton frac equipment.
14:00	16.00	06:00	LOCL	Lock Wellhead & Secure	Frac tree and location secured for the night.

Aurora Federal 15-28D-7-20 4/12/2012 06:00 - 4/13/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status COMPLETION	Total Depth (ftKB) 9,712.0	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	HES Crew Arrived @ 04:30 Hrs, Started pump trucks & Frac equipment. Held Safety meeting with frac crew, Completed pressure test on treating iron, Ran QA/QC fluid checks and straps. Opened well with 450 psi on the casing.
06:30	1.50	08:00	FRAC	Frac. Job	Pressure tested treating iron @ 9102 psi. Frac'd Stg #1 of 6, Zone Stg EB-9, North Horn, Open Well @ 06:19 Hrs, W/ 450 Csg psi, 0 Surface & Frac Mandrel, 0 psi. Formation Break Down @ 9.9 bpm, 3058 psi. Total Bbls of 15% HCL Pump 93.8 bbls & Bio-Balls pumped 102, Started on 3% KCL Slick Water pad @ 70.1 bpm, 4201 psi, Open Perforation = 31 out of 51 shots, ISIP = 1588 psi, .61 Frac Gradient. Started on X-link pad @ 70.7 bpm, 3184 psi Start 2#/ Gal 20/40 CRC sand, 70.6 bpm, 3524 psi 2# 70.6 bpm, 3517 psi 2# On perfs bpm 70.3 @ 3167 psi 3# 68.8 bpm, 2985 psi 3# On perfs bpm 70.4 @ 2831 psi 3.5# 70.4bpm, 2831psi 3.5# On perfs bpm 70.6 @ 2792 psi 4# 70.6 bpm, 2805 psi 4# On perfs bpm 70.6 @ 2836 psi On Flush @ 71.5 bpm, 2954 psi. Open Perforation = 51 out of 51 shots, ISDP, 1926 psi, 0.65 Frac Gradient. Max Rate 71.8 bpm, Max Pressure 4688 psi. Avg Rate 71.0 bpm, Avg Pressure 3175 psi Total X-link fluids pumped: 69,050 gals Total 3% KCL / Slick Water pumped: 59,191 gals Total fluid in bbls pumped: 3146 bbls Total CRC Sand pumped, 20/40 = 167,100#,
08:00	1.50	09:30	PFRT	Perforating	R/U E-line, P/up stg #2, 10K Fast Drill CBP and 3 1/8", 3104 PJO Perf guns. Pressure tested lub, RIH to target depth, ran correlation strip using Halliburton log reference Ran on 3/22/12, log reference Made depth correction to CCL, drop down to tie in collar, verified CCL was still on depth. Set CBP plug @ 9167', w/ 1150 psi, pulled up & perforated stg #2 intervals from 8862' to 9147'. Placed 45 holes in EB-9 & EB-8. POOH w/ e-line, L/D Spent guns, All shots fired as design. Turned Well over to HES to Frac stg #2.
09:30	1.50	11:00	FRAC	Frac. Job	Pressure tested treating iron @ 9423 psi. Frac'd Stg # 2 of 6, Zone Stg EB-9 & EB-8. Open Well @ 09:48 Hrs, W/ 1098 Csg psi, 0 Surface & Frac Mandrel, 0 psi. Formation Break Down @ 9.7 bpm, 1104 psi. Total Bbls of 15% HCL Pump 9.8 bbls & Bio-Balls pumped 970. Started on 3% KCL Slick Water pad @ 72.6 bpm, 2861 psi. Open Perforation = 35 out of 45 shots, ISIP = 1072 psi, .56 Frac Gradient. Started on X-link pad @ 72.6 bpm, 2813 psi. Start 2#/ Gal 20/40 CRC sand, 72.6 bpm, 3031 psi 2# 72.5 bpm, 3025 psi 2# On perfs bpm 72.3 @ 2621 psi 3# 72.3 bpm, 2619 psi 3# On perfs bpm 72.4 @ 2301 psi 3.5# 72.4 bpm, 2267 psi 3.5# On perfs bpm 72.4 @ 2194 psi 4# 72.4 bpm, 2212 psi 4# On perfs bpm 72.4 @ 2279 psi On Flush @ 69.9 bpm, 2144 psi. Open Perforation = 45 out of 45 shots, ISDP, 1296 psi, 0.58 Frac Gradient. Max Rate 72.8 bpm, Max Pressure 3666 psi. Avg Rate 72.4 bpm, Avg Pressure 2623 psi Total X-link fluids pumped: 69,019 gals Total 3% Production water pumped: 57,858 gals Total fluid in bbls pumped: 3113 bbls Total 20/40 CRC pumped: 66,100,



Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
11:00	1.50	12:30	PFRT	Perforating	R/U E-line, P/up stg #3, 10K Fast Drill CBP and 3 1/8", 3104 PJO Perf guns. Pressure tested lub, RIH to target depth, ran correlation strip using Halliburton log reference Ran on 3/22/12, log reference Made depth correction to CCL, drop down to tie in collar, verified CCL was still on depth. Set CBP plug @ 8823', w/ 1050 psi, pulled up & perforated stg #3 intervals from 8491' to 8803'. POOH w/ e-line, L/D Spent guns, All shots fired as design. Turned Well over to HES to Frac stg #3.
12:30	1.50	14:00	FRAC	Frac. Job	Pressure tested treating iron @ 9320 psi. Frac'd Stg # 3 of 6, Zone Stg EB-7-8, Open Well @ 12:51Hrs, W/ 856 Csg psi, 0 Surface & Frac Mandrel, 0 psi. Formation Break Down @ 9.5 bpm, 1725 psi. Total Bbls of 15% HCL Pump 93 bbls & 90 Bio-Balls pumped. Started on 3% KCL Slick Water pad @ 70.1 bpm, 3730 psi. Open Perforation = 42 out of 45 shots, ISIP = 1237 psi, .58 Frac Gradient. Started on X-link pad @ 71.3 bpm, 2654 psi. Start 2#/ Gal 20/40 CRC sand, 71.1 bpm, 2967 psi 2# 71.0 bpm, 2954 psi 2# On perfs bpm 70.8 @ 2501 psi 3# 70.8 bpm, 2370 psi 3# On perfs bpm 70.9 @ 2238 psi 3.5# 71.1 bpm, 2232 psi 3.5# On perfs bpm 70.9 @ 2169 psi 4# 70.9 bpm, 2182 psi 4# On perfs bpm 70.9 @ 2145 psi On Flush @ 71.7 bpm, 2240 psi. Open Perforation = 45 out of 45 shots, ISDP, 1067 psi, 0.61 Frac Gradient. Max Rate 71.4 bpm, Max Pressure 3750 psi. Avg Rate 70.9 bpm, Avg Pressure 2494 psi Total X-link fluids pumped: 69,710 gals Total 3% KCL / Slick water pumped: 57,714 gals Total fluid in bbls pumped: 3126 bbls Total 20/40 CRC = 170,000#,
14:00	1.25	15:15	PFRT	Perforating	R/U E-line, P/up stg #4, 10K Fast Drill CBP and 3 1/8", 3104 PJO Perf guns. Pressure tested lub, RIH to target depth, ran correlation strip using Halliburton log reference Ran on 3/22/12, log reference Made depth correction to CCL, drop down to tie in collar, verified CCL was still on depth. Set CBP plug @ 8485', w/ 1175 psi, pulled up & perforated stg #4 intervals from 8181' to 8465'. POOH w/ e-line, L/D Spent guns, All shots fired as design. Shut in frac tree for the night.
15:15	4.00	19:15	GOP	General Operations	Continue to Restock frac sand & Frac water.
19:15	10.75	06:00	LOCL	Lock Wellhead & Secure	Turned Well over to HES to Frac stg #4 in the AM.

Aurora Federal 15-28D-7-20 4/13/2012 06:00 - 4/14/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status COMPLETION	Total Depth (ftKB) 9,712.0	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	GOP	General Operations	HES Crew arrived @ 05:00, Primed Pumps, Ran QA/QC fluid checks, Completed pressure test on treating iron. Safety Meeting w/ all contractors on location. Open Frac tree.
06:30	1.25	07:45	FRAC	Frac. Job	Pressure tested treating iron @ 9850 psi. Frac'd Stg # 4 of 6, Zone Stg EB-6 & 5. Open Well @ 06:10 Hrs, W/ 500 Csg psi, 0 Surface & Frac Mandrel, 0 psi. Formation Break Down @ 10 bpm, 2780 psi. Total Bbls of 15% HCL Pump 93.0 bbls & Bio-Balls pumped 84. Started on 3% KCL Slick Water pad @ 70.8 bpm, 3431 psi. Open Perforation = 34 out of 42 shots, ISIP = 1566 psi, 0.63 Frac Gradient. Started on X-link pad @ 70.9 bpm, 3339 psi. Start 2#/ Gal 20/40 CRC sand, 70.8 bpm, 3525 psi 2# 70.9 bpm, 3519 psi 2# On perfs bpm 70.6 @ 3134 psi 3# 70.0 bpm, 3149 psi 3# On perfs bpm 70.6 @ 2937 psi 3.5# 70.7 bpm, 2837 psi 3.5# On perfs bpm 70.7 @ 2817 psi 4# 70.7 bpm, 2797 psi 4# On perfs bpm 70.7 @ 2801 psi On Flush @ 71.7 bpm, 2871 psi. Open Perforation = 42 out of 42 shots, ISDP, 1941 psi, 0.67 Frac Gradient. Max Rate 71.0 bpm, Max Pressure 4259 psi. Avg Rate 70.7 bpm, Avg Pressure 3157 psi. Total X-link fluids pumped: 71,735 gals Total 3% /Slick water pumped: 58,840 gals Total fluid in bbls pumped: 3201 bbls Total 20/40 CRC Pumped:173,900#
07:45	1.50	09:15	PFRT	Perforating	R/U E-line, P/up stg #5, 10K Fast Drill CBP and 3 1/8", 3104 PJO Perf guns. Pressure tested lub, RIH to target depth, ran correlation strip using Halliburton log reference Ran on 3/22/12, log reference Made depth correction to CCL, drop down to tie in collar, verified CCL was still on depth. Set CBP plug @ 8160', w/ 1350 psi, pulled up & perforated stg #5 intervals from 7813' to 8137'. POOH w/ e-line, L/D Spent guns, All shots fired as design. Turned Well over to HES to Frac stg #5.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
09:15	1.50	10:45	FRAC	Frac. Job	Pressure tested treating iron @ 9100 psi. Frac'd Stg # 5 of 6, Zone Stg EB-4-3-2, Open Well @ 09:35 Hrs, W/ 850 Csg psi, 0 Surface & Frac Mandrel, 0 psi. Formation Break Down @ 9.8 bpm, 2591 psi. Total Bbls of 15% HCL Pump 92.5 bbls & Bio-Balls pumped 90. Started on 3% KCL Slick Water pad @ 70.5 bpm, 3589 psi. Open Perforation = 35 out of 45 shots, ISIP = 1383 psi, .61 Frac Gradient. Started on X-link pad @ 71.1 bpm, 3006 psi. Start 2#/ Gal 20/40 CRC sand, 71.0 bpm, 3175 psi 2# 71.0 bpm, 3175 psi 2# On perms bpm 70.7 @ 2786 psi 3# 70.7 bpm, 2763 psi 3# On perms bpm 70.8 @ 2711 psi 3.5# 70.1 bpm, 2588 psi 3.5# On perms bpm 69.6 @ 2615 psi 4# 70.0 bpm, 2604 psi 4# On perms bpm 70.1 @ 2568 psi On Flush @ 70. bpm, 2664 psi. Open Perforation = 45 out of 45 shots, ISDP, 1297 psi, 0.61 Frac Gradient. Max Rate 71.2 bpm, Max Pressure 5589 psi. Avg Rate 70.6 bpm, Avg Pressure 3040 psi Total X-link fluids pumped: 71,972 gals Total 3% Slick water pumped: 57,433 gals Total fluid in bbls pumped: 3173 bbls Total 20/40 CRC Pumped = 173,800#.
10:45	1.50	12:15	PFRT	Perforating	R/U E-line, P/up stg #6, 10K Fast Drill CBP and 3 1/8", 3104 PJO Perf guns. Pressure tested lub, RIH to target depth, ran correlation strip using Halliburton log reference Ran on 3/22/12, log reference Made depth correction to CCL, drop down to tie in collar, verified CCL was still on depth. Set CBP plug @ 7806', w/ 1300 psi, pulled up & perforated stg #6 intervals from 7516' to 7788'. POOH w/ e-line, L/D Spent guns, All shots fired as design. Turned Well over to HES to Frac stg #6.
12:15	1.25	13:30	FRAC	Frac. Job	Pressure tested treating iron @ 9120 psi. Frac'd Stg #6 of 6, Zone Stg EB -1-2, Watasch, Open Well @ 12:30 Hrs, W/ 888 Csg psi, 0 Surface & Frac Mandrel, 0 psi. Formation Break Down @ 9.9 bpm, 1265 psi. Total Bbls of 15% HCL Pump 93 bbls & Bio-Balls pumped 90. Started on 3% KCL Slick Water pad @ 70.9 bpm, 3022 psi. Open Perforation = 30 out of 44 shots, ISIP = 1060 psi, 0.58 Frac Gradient. Started on X-link pad @ 70.9 bpm, 3022 psi. Start 2#/ Gal 20/40 CRC sand, 71.1 bpm, 3065 psi 2# 71.0 bpm, 3141 psi 2# On perms bpm 70.7 @ 2698 psi 3# 70.0 bpm, 2726 psi 3# On perms bpm 70.9 @ 2365 psi 3.5# 70.9 bpm, 2533 psi 3.5# On perms bpm 70.9 @ 2504 psi 4# 70.9 bpm, 2517 psi 4# On perms bpm 70.9 @ 2567 psi On Flush @ 68.2 bpm, 2701 psi. Open Perforation = 45 out of 45 shots, ISDP, 1018 psi, 0.60 Frac Gradient. Max Rate 71.3 bpm, Max Pressure 3839 psi. Avg Rate 70.9 bpm, Avg Pressure 2711 psi Total X-link fluids pumped: 73,930 gals Total 3% Slick water pumped: 55,030 gals Total fluid in bbls pumped: 3163 bbls Total 20/40 CRC pumped, = 167,420#.
13:30	1.25	14:45	WLWK	Wireline	Turned well over to E-line, P/up CBP & Setting tools, Equalized plug, RIH with CBP, completed tie in, Set CBP @ 7460', w/ 950 psi on the Csg. Bled off casing, verified plug held static test. Pooh with setting. L/D Setting and R/D e-line equipment & frac equipment, batch frac tanks, R/D water transfer equipment off of frac tanks.
14:45	2.50	17:15	GOP	General Operations	Moved all the frac equipment off location
17:15	12.75	06:00			Well shut in and Secured.

Aurora Federal 15-28D-7-20 4/14/2012 06:00 - 4/15/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status COMPLETION	Total Depth (ftKB) 9,712.0	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	LOCL	Lock Wellhead & Secure	WSI.
07:00	0.50	07:30	SMTG	Safety Meeting	JSA Safety Meeting.
07:30	2.00	09:30	SRIG	Rig Up/Down	Set Anchors, MIRU w/o rig.
09:30	0.50	10:00	BOPI	Install BOP's	Bled off Pressure from Csg. ND Frac tree & Frac Sleeve, NU 7 1/16" 5K Double gate, NU 7 1/16" 5K Drilling Spool, NU 7 1/16" 5K Annular, & function test.
10:00	0.50	10:30	SRIG	Rig Up/Down	RU work floor & Tbg. equip.
10:30	1.50	12:00	GOP	General Operations	Unload Tbg. 324 Jts. of 2 7/8" L80 EUE. 6.5#
12:00	3.50	15:30	RUTB	Run Tubing	PU 4 5/8" Chomp Mill, 2 7/8" POB sub 3 1/8" O.D. w/float, 1 Jt. 2 7/8" L80 6.5# Tbg., 2.205" XN Nipple, 1 Jt., 2.313" X Nipple, & Tbg. Tag Kill Plug @ 9460'.
15:30	1.00	16:30	SRIG	Rig Up/Down	RU Power Swivel & Rig Pump.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
16:30	13.50	06:00	LOCL	Lock Wellhead & Secure	Secure well for the night. WSI.

Aurora Federal 15-28D-7-20 4/15/2012 06:00 - 4/16/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520060000	UT	Uintah	Aurora	COMPLETION	9,712.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	LOCL	Lock Wellhead & Secure	WSI.
07:00	0.50	07:30	SMTG	Safety Meeting	JSA Safety Meeting
07:30	8.50	16:00	DOPG	Drill Out Plugs	Make connection to plug. Establish circ. w/ Rig pump @ 2 Bbls./min. Returning 3 Bbls./min. Drill Plugs as follows: Plg. @ 7460', Csg.-600# Plg. @ 7806', 30' of sand. Csg.-600# Plg. @ 8160', 35' of sand. Csg.-650# Plg. @ 8485', 25' of sand. Csg.-650# Plg. @ 8823', 35' of sand. Csg.-650# Plg. @ 9167', 20' of sand. Csg.-700# Clean out Rat hole to FC @ 9608'. Circulated Bottoms up.
16:00	0.50	16:30	SRIG	Rig Up/Down	RD Power Swivel.
16:30	0.50	17:00	PULT	Pull Tubing	Lay down 15 Jts.
17:00	13.00	06:00	LOCL	Lock Wellhead & Secure	Secure well SDFN.

Aurora Federal 15-28D-7-20 4/26/2012 06:00 - 4/27/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520060000	UT	Uintah	Aurora	COMPLETION	9,712.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	GOP	General Operations	TRAVEL
07:00	3.00	10:00	RMOV	Rig Move	MOVE IN R/U KILL WELL
10:00	3.00	13:00	PULT	Pull Tubing	POOH W/ TUBING L/D POBS
13:00	3.00	16:00	RUTB	Run Tubing	RIH W/ TUBING AS FOLLOWS BULL PLUG 5 JTS DESANDER 4' SUB 1JT ANCHOR 234 JTS NEED SEALS FOR HANGER
16:00	14.00	06:00	LOCL	Lock Wellhead & Secure	DOWN TIL MORNING

Aurora Federal 15-28D-7-20 4/27/2012 06:00 - 4/28/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520060000	UT	Uintah	Aurora	COMPLETION	9,712.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	GOP	General Operations	TRAVEL

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
07:00	3.00	10:00	BOPR	Remove BOP's	N/D BOP TRY TO SET ANCHOR UNABLE N/U BOP WORK TUBING SET ANCHOR RELEASE N/D BOP SET ANCHOR W/ 20K TENSION LAND
10:00	6.00	16:00	RURP	Run Rods & Pump	PREP ROD RIH W/ RODS AS FOLLOWS 1 3/4 PUMP SHEAR SUB 36 1" 88 3/4 70 7/8 105 1" 40' POLSIH TO WINDY TO R/D
16:00	14.00	06:00	LOCL	Lock Wellhead & Secure	DOWN TIL MORNING

Aurora Federal 15-28D-7-20 4/28/2012 06:00 - 4/29/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status COMPLETION	Total Depth (ftKB) 9,712.0	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	GOP	General Operations	TRAVEL
07:00	3.00	10:00	GOP	General Operations	FILL TUBING W/ 2 BBLS AND TEST R/D SLIDE ROTOFLEX IN HANG OFF
10:00	20.00	06:00	GOP	General Operations	ON PRODUCTION

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: UTU80689
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:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME: AURORA (DEEP)
2. NAME OF OPERATOR: ELK PRODUCTION UINTAH, LLC		8. WELL NAME and NUMBER: AURORA FEDERAL 15-28D-7-20
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43047520060000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0098 FSL 2286 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 28 Township: 07.0S Range: 20.0E Meridian: S		9. FIELD and POOL or WILDCAT: UNDESIGNATED
		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"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 5/31/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> APD EXTENSION	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. No May 2012 monthly activity to report.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 05, 2012		
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Tracey Fallang	303 312-8134	Regulatory Manager
SIGNATURE	DATE	
N/A	6/5/2012	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU80689	
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
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.		7. UNIT or CA AGREEMENT NAME: AURORA (DEEP)	
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: AURORA FEDERAL 15-28D-7-20	
2. NAME OF OPERATOR: ELK PRODUCTION UINTAH, LLC		9. API NUMBER: 43047520060000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8128 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0098 FSL 2286 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 28 Township: 07.0S Range: 20.0E 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: 6/30/2012	<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.			
June 2012 monthly drilling activity report is attached.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY July 03, 2012			
NAME (PLEASE PRINT) Tracey Fallang	PHONE NUMBER 303 312-8134	TITLE Regulatory Manager	
SIGNATURE N/A		DATE 7/3/2012	


Aurora Federal 15-28D-7-20 6/28/2012 06:00 - 6/29/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB) 9,712.0	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	LOCL	Lock Wellhead & Secure	WSI.
07:00	0.50	07:30	SMTG	Safety Meeting	JSA Safety Meeting
07:30	1.00	08:30	SRIG	Rig Up/Down	Skid Roto flex. MIRU w/o Rig.
08:30	3.50	12:00	PURP	Pull Rod Pump	Unseat Pump. Flush Tbg. w/30 Bbls. Lay down Rods & Pump.
12:00	1.00	13:00	GOP	General Operations	Flush Csg. Release anchor.
13:00	0.50	13:30	BOPI	Install BOP's	NU BOP
13:30	0.50	14:00	SRIG	Rig Up/Down	RU work floor & Tbg. equip.
14:00	3.00	17:00	PULT	Pull Tubing	Lay down Tbg.
17:00	13.00	06:00	LOCL	Lock Wellhead & Secure	WSI. SDFN. Csg. open to productoin.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU80689
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: AURORA (DEEP)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: AURORA FEDERAL 15-28D-7-20
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047520060000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0098 FSL 2286 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 28 Township: 07.0S Range: 20.0E Meridian: S	9. FIELD and POOL or WILDCAT: UNDESIGNATED 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: 7/31/2012	<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.

July 2012 monthly drilling activity report is attached.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 August 06, 2012**

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

**Aurora Federal 15-28D-7-20 7/2/2012 00:00 - 7/3/2012 06:00**

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB) 9,712.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
00:00	24.00	00:00	FRAC	Frac. Job	PREP LOCATION FOR FRAC. SPOTTING IN 30 500 BBL'S FRAC TANKS & 2 OPEN TOP BLOW DOWN TANKS. START FILLING TANKS TOMORROW

Aurora Federal 15-28D-7-20 7/3/2012 06:00 - 7/4/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB) 9,712.0	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	FRAC	Frac. Job	PREP LOCATION FOR FRAC. FILLING 30 500 BBL'S FRAC TANKS.

Aurora Federal 15-28D-7-20 7/4/2012 06:00 - 7/5/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB) 9,712.0	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	FRAC	Frac. Job	PREP FOR FRAC. 30- 500 BBL'S FRAC TANK'S ON LOCATION FILLED W/ 3% KCL.

Aurora Federal 15-28D-7-20 7/5/2012 00:00 - 7/6/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB) 9,712.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
00:00	24.00	00:00	FRAC	Frac. Job	PREP FOR FRAC. R/U MANIFOLD ON TOP OF 12- 500 BBL'S FRAC TANKS TO BE ABLE TO FILL DURING FRAC. R/U SAND TRAP TO OPEN TOP TANKS.

Aurora Federal 15-28D-7-20 7/8/2012 00:00 - 7/9/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB) 9,712.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
00:00	1.00	01:00	SMTG	Safety Meeting	HELD SAFETY MEETING W/ ALL CONTRACTORS ON DAILY OPERATION. MIRU SLB WIRELINE & HALLIBURTON FRAC EQUIPMENT.
01:00	1.50	02:30	WKLL	Kill Well	R/U D&M. FLUSH 5-1/2 CSG W/ 150 BBL'S. WELL DEAD.
02:30	2.00	04:30	GOP	General Operations	PULL TBG HANGER. N/U FRAC MANDREL. N/U 10K FRAC TREE & GOAT HEAD. TEST SURFACE EQUIPMENT TO 4500 PSI, HELD.
04:30	4.50	09:00	CTUW	W/L Operation	R/U SLB WIRELINE. RIH 5-1/2 CIBP & 3-1/8 3104 PJ OMEGA PERF GUN'S, 16 GRAMS, 120 PHASING, SET CIBP @ 7510. TEST CSG & LUBRICATOR TO 4500 PSI, HELD GOOD. PERF STG #7 F/ 7501' TO 7229'. 42 HOLE'S. R/D SLB. SWIFN.
09:00	15.00	00:00	LOCL	Lock Wellhead & Secure	WELL SHUT IN & SECURE.

Aurora Federal 15-28D-7-20 7/9/2012 06:00 - 7/10/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB) 9,712.0	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	SMTG	Safety Meeting	HOLD SAFETY MEETING W/ ALL CONTRATORS ABOUT DAILY OPERATION. .
07:00	2.00	09:00	FRAC	Frac. Job	R/U HALCO FRAC CREW. PRESSURE TEST LINE'S & EQUIPMENT TO 9500 PSI. 10K 5-1/2 CIBP @ 7510'. PERF'S F/ 7501' TO 7229', TOTAL PERF HOLE'S 42. OPEN WELL 0 PSI. BREAK DOWN FORMATION @ 10.6. BPM, 834 PSI. PUMPED 93 BBL'S 15 % HCL & 84 BIO-BALLS. ISIP-763. EST HOLE'S OPEN 32. FRAC GRADIENT .54. PUMP X- LINK FRAC. AVG RATE- 70.3. MAX RATE- 71.1. AVG PSI- 2608. MAX- PSI- 3197. TOTAL BBL'S 3% KCL - 2871. TOTAL X- LINK FLUID - 58,830 GAL. TOTAL 100 MESH SAND - 12,1001# TOTAL 20/40 SAND- 156,900#. ISIP- 1028. FRAC GRADIENT .58, EST HOLE'S OPEN 42. R/D HALCO OFF OF WELLHEAD.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
09:00	1.00	10:00	PFRT	Perforating	R/U SLB E-LINE. RIH W/ 10K 5-1/2 CBP & 3-1/8 3104 PJO PERF GUN'S, 16 GRAMS, 120 PHASING. SET 5-1/2 10K CBP @ 7208'. PERF STG #8 F/ 7188' TO 6921'. POOH W/ PERF GUN & SETTING TOOL. ALL GUNS FIRED. TOTAL HOLE'S 45. R/D SLB E-LINE.
10:00	1.50	11:30	FRAC	Frac. Job	R/U HALCO FRAC CREW. PRESSURE TEST LINE'S & EQUIPMENT TO 9500 PSI. 10K 5-1/2 CBP @ 7208'. PERF'S F/ 7188' TO 6921', TOTAL PERF HOLE'S 45. OPEN WELL 509 PSI. BREAK DOWN FORMATION @ 9.8 BPM, 1386 PSI. PUMPED 93 BBL'S 15 % HCL & 90 BIO-BALLS. ISIP-548. EST HOLE'S OPEN 26. FRAC GRADIENT .52. PUMP X- LINK FRAC. AVG RATE- 71. MAX RATE- 71.6. AVG PSI- 2961. MAX- PSI- 3912. TOTAL BBL'S 3% KCL - 3362. TOTAL X- LINK FLUID - 59,328 GAL. TOTAL 100 MESH SAND - 12,5101# TOTAL 20/40 SAND- 156,790#. ISIP- 871. FRAC GRADIENT .56, EST HOLE'S OPEN 45. R/D HALCO OFF OF WELLHEAD.
11:30	1.00	12:30	PFRT	Perforating	R/U SLB E-LINE. RIH W/ 10K 5-1/2 CBP & 3-1/8 3104 PJO PERF GUN'S, 16 GRAMS, 120 PHASING. SET 5-1/2 10K CBP @ 6902'. PERF STG #9 F/ 6882' TO 6615'. POOH W/ PERF GUN & SETTING TOOL. ALL GUNS FIRED. TOTAL HOLE'S 45. R/D SLB E-LINE.
12:30	1.50	14:00	FRAC	Frac. Job	R/U HALCO FRAC CREW. PRESSURE TEST LINE'S & EQUIPMENT TO 9500 PSI. 10K 5-1/2 CBP @ 6902'. PERF'S F/ 7501' TO 7843', TOTAL PERF HOLE'S 45. OPEN WELL 000 PSI. BREAK DOWN FORMATION @ 9.2 BPM, 3387 PSI. PUMPED 93 BBL'S 15 % HCL & 84 BIO-BALLS. ISIP-3120. EST HOLE'S OPEN 28. FRAC GRADIENT .82. PUMP X- LINK FRAC. AVG RATE- 71. MAX RATE- 71.2. AVG PSI- 3657. MAX- PSI- 4597. TOTAL BBL'S 3% KCL - 3362. TOTAL X- LINK FLUID - 73,036 GAL. TOTAL 100 MESH SAND - 18,2761# TOTAL 20/40 SAND- 182,018#. ISIP- 1640. FRAC GRADIENT .65, EST HOLE'S OPEN 45. R/D HALCO OFF OF WELLHEAD.
14:00	1.00	15:00	PFRT	Perforating	R/U SLB E-LINE. RIH W/ 10K 5-1/2 CBP & 3-1/8 3104 PJO PERF GUN'S, 16 GRAMS, 120 PHASING. SET 5-1/2 10K CBP @ 6594'. PERF STG #10 F/ 6568' TO 6230'. POOH W/ PERF GUN & SETTING TOOL. ALL GUNS FIRED. TOTAL HOLE'S 45. R/D SLB E-LINE.
15:00	1.50	16:30	FRAC	Frac. Job	R/U HALCO FRAC CREW. PRESSURE TEST LINE'S & EQUIPMENT TO 9000 PSI. 10K 5-1/2 CBP @ 6594'. PERF'S F/ 6568' TO 6230', TOTAL PERF HOLE'S 45. OPEN WELL 370 PSI. BREAK DOWN FORMATION @ 9.4 BPM, 2585 PSI. PUMPED 93 BBL'S 15 % HCL & 90 BIO-BALLS. ISIP-1060. EST HOLE'S OPEN 40. FRAC GRADIENT .61. PUMP X- LINK FRAC. AVG RATE- 69.4. MAX RATE- 70.1. AVG PSI- 2446. MAX- PSI- 2851. TOTAL BBL'S 3% KCL - 2632. TOTAL X- LINK FLUID - 56.874 GAL. TOTAL 100 MESH SAND - 11,770#. TOTAL 20/40 SAND- 150.230#. ISIP- 1403. FRAC GRADIENT .66, EST HOLE'S OPEN 45. R/D HALCO OFF OF WELLHEAD.
16:30	1.00	17:30	PFRT	Perforating	R/U SLB E-LINE. RIH W/ 10K 5-1/2 CBP & 3-1/8 3104 PJO PERF GUN'S, 16 GRAMS, 120 PHASING. SET 5-1/2 10K CBP @ 6210'. PERF STG #11 F/ 6190' TO 5907'. POOH W/ PERF GUN & SETTING TOOL. ALL GUNS FIRED. TOTAL HOLE'S 45. R/D SLB E-LINE.
17:30	12.50	06:00	LOCL	Lock Wellhead & Secure	WELL SHUT IN & SCURE.

Aurora Federal 15-28D-7-20 7/10/2012 06:00 - 7/11/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB) 9,712.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.25	07:15	GOP	General Operations	HES Crew arrived @ 05:45, Primed Pumps, Ran QA/QC fluid checks, Completed pressure test on treating iron. Safety Meeting w/ all contractors on location. Equalized Well head pressure. Open Frac tree with 1100 psi.



Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
07:15	1.50	08:45	FRAC	Frac. Job	Pressure tested treating iron @ 8600 psi. Frac'd Stg # 11 of 13, Zone Stg Douglas Creek. Open Well @ 07:04 Hrs, W/ 1100 Csg psi, 46 Surface & Frac Mandrel, 0 psi Formation Break Down @ 10.3 bpm, 2717 psi. Total Bbls of 15% HCL Pump 9.7 bbls & Bio-Balls pumped 2233. Started on 3% KCL Slick Water pad @ 69.3 bpm, 3171 psi. Open Perforation = 38 out of 45 shots, ISIP = 1797 psi, .74 Frac Gradient. Started on X-link / 1# ppg 100 mesh pad @ 69.4 bpm, 3174 psi. Start 2#/ Gal 20/40 Prem White sand, 69.1 bpm, 3149 psi. 2# 69.1 bpm, 3149 psi 2# On perms bpm 70.1 @ 2949 psi 3# 70.1 bpm, 2943 psi 3# On perms bpm 70.2 @ 2796 psi 4# 70.2 bpm, 2775 psi 4# On perms bpm 70.0 @ 2683 psi 5# 70.1 bpm, 2688 psi 5# On perms bpm 70.0 @ 2621 psi On Flush @ 70.5 bpm, 2709 psi. Open Perforation = 45 out of 45 shots, ISDP, 1944 psi, 0.76 Frac Gradient. Max Rate 70.2 bpm, Max Pressure 3638 psi. Avg Rate 69.8 bpm, Avg Pressure 3617 psi Total X-link fluids pumped:60,064 gals Total 3% slick water pumped: 48,670 gals Total fluid in bbls pumped: 2681 bbls Total Prem White Sand pumped, 20/40 = 157,000#, Total 100 Mesh Sand Pumped:12,900#
08:45	1.25	10:00	PFRT	Perforating	R/U E-line, P/up stg #12, 10K Fast Drill CBP and 3 1/8", 3104 PJO Perf guns. Equalized lub, RIH to target depth, ran correlation strip using HES / SLB log reference. Made depth correction to CCL, drop down to tie in collar, verified CCL was still on depth. Set CBP plug @ 5900', w/ 1500 psi, pulled up & perforated stg #12 intervals from 5599' to 5884'. POOH w/ e-line, L/D Spent guns, All shots fired as design. Turned Well over to HES to Frac stg #12.
10:00	1.25	11:15	FRAC	Frac. Job	Pressure tested treating iron @ 8900 psi. Frac'd Stg #12 of 13, Zone Stg Douglas Creek. Open Well @ 09:56 Hrs, W/ 1156 Csg psi, 46 Surface & Frac Mandrel, 0 psi Formation Break Down @ 9.9 bpm, 1648 psi. Total Bbls of 15% HCL Pump 93 bbls & Bio-Balls pumped 90. Started on 3% KCL Slick Water pad @ 70.2 bpm, 3183 psi. Open Perforation = 45 out of 45 shots, ISIP = 1512 psi, .70 Frac Gradient. Started on X-link / 1# ppg 100 mesh pad @ 70.2 bpm, 3168 psi. Start 2#/ Gal 20/40 Prem White sand, 70.0 bpm, 3170 psi 2# 70.2 bpm, 3170 psi 2# On perms bpm 69.8 @ 2872 psi 3# 69.7 bpm, 2840 psi 3# On perms bpm 69.8 @ 2717 psi 4# 69.8 bpm, 2674 psi 4# On perms bpm 69.8 @ 2549 psi 5# 69.8 bpm, 2521 psi 5# On perms bpm 69.6 @ 2366 psi On Flush @ 70.6 bpm, 2422 psi. Open Perforation = 45 out of 45 shots, ISDP, 1334 psi, 0.67 Frac Gradient. Max Rate 70.6 bpm, Max Pressure 3361 psi. Avg Rate 69.9 bpm, Avg Pressure 2942 psi Total X-link fluids pumped: 60,463 gals Total 3% Slick water pumped: 47,616 gals Total fluid in bbls pumped: 2666 bbls Total Prem White Sand pumped, 20/40 = 156,690# Total 100 Mesh Sand Pumped:12,910#
11:15	1.25	12:30	PFRT	Perforating	R/U E-line, P/up stg #13, 10K Fast Drill CBP and 3 1/8", 3104 PJO Perf guns. Pressure tested lub, RIH to target depth, ran correlation strip using HES / SLB. Made depth correction to CCL, drop down to tie in collar, verified CCL was still on depth. Set CBP plug @ 5587', w/ 1350 psi, pulled up & perforated stg #13 intervals from 5357' to 5567'. POOH w/ e-line, L/D Spent guns, All shots fired as design. Turned Well over to HES to Frac stg #13.
12:30	1.25	13:45	FRAC	Frac. Job	Pressure tested treating iron @ 8750 psi. Frac'd Stg #13 of 13, Zone Stg TGR-3, Open Well @ 12:57 Hrs, W/ 1084 Csg psi, 00 Surface & Frac Mandrel, -0 psi. Formation Break Down @ 9.9 bpm, 1845 psi. Total Bbls of 15% HCL Pump 85 bbls & 72 Bio-Balls pumped. Started on 3% KCL Slick Water pad @ 72.4 bpm, 3214 psi. Open Perforation = 29 out of 36 shots, ISIP = 1147 psi, .65 Frac Gradient. Started on X-link / 1# ppg 100 mesh pad @ 72.4 bpm, 3288 psi. Start 2#/ Gal 20/40 Prem White sand, 72.5 bpm, 3288 psi. 2# 72.1 bpm, 3247 psi 2# On perms bpm 71.7 @ 3117 psi 3# 71.7 bpm, 3124 psi 3# On perms bpm 71.7 @ 2787 psi 4# 71.7 bpm, 2602 psi 4# On perms bpm 71.5 @ 2442 psi 5# 71.6 bpm, 2407 psi 5# On perms bpm 71.5 @ 2301 psi On Flush @ 72.3 bpm, 2365 psi. Open Perforation = 36 out of 36 shots, ISDP, 1305 psi, 0.65 Frac Gradient. Max Rate 74.5 bpm, Max Pressure 3846 psi. Avg Rate 71.8 bpm, Avg Pressure 3073 psi Total X-link fluids pumped: 62,455 gals Total 3% slick water pumped: 48,061 gals Total fluid in bbls pumped: 2717 bbls Total Prem White Sand pumped, 20/40 = 153,410#, Total 100 Mesh Sand Pumped:14,550#
13:45	0.50	14:15	SRIG	Rig Up/Down	Secured frac tree, R/D stand pipes & Started rigging down HES frac equipment.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
14:15	1.00	15:15	WLWK	Wireline	R/U E-line, P/up 10K Fast Drill CBP / Kill Plug Equalized lub, RIH to target depth, ran correlation strip using HES / SLB log reference. Made depth correction to CCL, drop down to tie in collar, verified CCL was still on depth. Set CBP plug @ 5300', w/ 1250 psi, Bled off casing pressure, Verified that Kill plug held static test. Pooh with e-line, L/D Setting tool. Secured frac tree.
15:15	2.50	17:45	SRIG	Rig Up/Down	R/D water transfer equipment, R/D water manifold Batched frac tanks completion rig. Policed and secured location for the night.

Aurora Federal 15-28D-7-20 7/12/2012 06:00 - 7/13/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520060000	UT	Uintah	Aurora	PRODUCING	9,712.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	8.00	14:00	LOCL	Lock Wellhead & Secure	WSI.
14:00	0.50	14:30	SMTG	Safety Meeting	JSA Safety Meeting.
14:30	1.00	15:30	SRIG	Rig Up/Down	MIRU w/o Rig.
15:30	1.00	16:30	BOPI	Install BOP's	Bled off Pressure from Csg. ND Frac tree & Frac Sleeve. NU 7 1/16" 2' 5K Spool. NU 7 1/16" 5K Double gate, NU 7 1/16" 5K Drilling Spool, NU 7 1/16" 5K Annular, & function test.
16:30	0.50	17:00	SRIG	Rig Up/Down	RU work floor & Tbg. equip.
17:00	13.00	06:00	LOCL	Lock Wellhead & Secure	Secure well for the night. WSI.

Aurora Federal 15-28D-7-20 7/13/2012 06:00 - 7/14/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520060000	UT	Uintah	Aurora	PRODUCING	9,712.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	LOCL	Lock Wellhead & Secure	WSI.
07:00	0.50	07:30	SMTG	Safety Meeting	JSA Safety Meeting
07:30	3.50	11:00	RUTB	Run Tubing	PU 4 3/4" 4 Hurricane mill, 2 7/8" POB sub 3 1/8" O.D. w/float, 1 Jt. 2 7/8" L80 6.5# Tbg., 2.205" XN Nipple, 1 Jt., 2.313" X Nipple, & Tbg.
11:00	0.50	11:30	SRIG	Rig Up/Down	RU Power Swivel.
11:30	7.00	18:30	DOPG	Drill Out Plugs	Establish Circulation w/ Rig Pump, 2 Bbls./min. Returning 3 Bbls./min. Drill Plugs as follows: Plg @ 5300' Csg.-400# Plg. @ 5587', 15' of sand. Csg.-450# Plg. @ 5900', 25' of sand. Csg.-550# Plg. @ 6210', 25' of sand. Csg.-550# Plg. @ 6594', 25' of sand. Csg.-500# Washed sand to 6898'. tagged solid, couldnt get passed. laid down 1 joint to move bit passed csg. collar to clear bit from any debri. Make connection Swivel would stall out w/ only 1k down on bottom. consulted w/ Kary Eldridge. pull off of bottom. circulate Bottoms up.
18:30	11.50	06:00	LOCL	Lock Wellhead & Secure	WSI.

Aurora Federal 15-28D-7-20 7/14/2012 06:00 - 7/15/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520060000	UT	Uintah	Aurora	PRODUCING	9,712.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	LOCL	Lock Wellhead & Secure	WSI.
07:00	0.50	07:30	SMTG	Safety Meeting	JSA Safety Meeting
07:30	0.50	08:00	SRIG	Rig Up/Down	RD Swivel.
08:00	1.00	09:00	PULT	Pull Tubing	Lay down tbg. to landing depth. w/ 166 Jts. in the hole.
09:00	0.50	09:30	SRIG	Rig Up/Down	RD work floor.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
09:30	0.50	10:00	BOPR	Remove BOP's	Nipple around.
10:00	1.00	11:00	SRIG	Rig Up/Down	RDMO w/o rig.
11:00	19.00	06:00	LOCL	Lock Wellhead & Secure	Flow csg. to sales.

Aurora Federal 15-28D-7-20 7/24/2012 00:00 - 7/25/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB) 9,712.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
00:00	1.00	01:00	CTRL	Crew Travel	CREW TRAVEL HOLD SAFETY MEETING.
01:00	2.00	03:00	RMOV	Rig Move	ROAD RIG TO LOCATION.
03:00	2.00	05:00	SRIG	Rig Up/Down	R/U RIG & EQUIPMENT.
05:00	3.00	08:00	BOPI	Install BOP's	KILL TBG. N/D WELLHEAD. N/U BOP. R/U FLOOR & EQUIPMENT.
08:00	2.50	10:30	PULT	Pull Tubing	POOH W/ BIT & 166 JT'S TBG.
10:30	2.50	13:00	RUTB	Run Tubing	RIH W/ NEW 4-3/4 BIT TO 3500' TALLYING TBG. SWIFN.
13:00	11.00	00:00	LOCL	Lock Wellhead & Secure	WELLSHUT IN & SECURE. CREW TRAVEL.

Aurora Federal 15-28D-7-20 7/25/2012 06:00 - 7/26/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB) 9,712.0	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. HOLD SAFETY MEETING.
07:00	2.00	09:00	RUTB	Run Tubing	FINISH RIH W/ BIT. TAG @ 6902'.
09:00	10.00	19:00	DOPG	Drill Out Plugs	C/O FILL & D/O CBP'S @ 6909' & 7208'. D/O CIBP @ 7510'. C/O TO 7539. CIRC WELL CLEAN. SWIFN.
19:00	11.00	06:00	LOCL	Lock Wellhead & Secure	WELL SHUT IN & SECURE. CREW TRAVEL.

Aurora Federal 15-28D-7-20 7/26/2012 06:00 - 7/27/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB) 9,712.0	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. HOLD SAFETY MEETING.
07:00	7.00	14:00	CLN	Clean Out Hole	BLEED WELL OFF. RIH, TAG @ 8271', C/O BRIDGES @ 8271', 8603' & 8726'. CIRC WELL CLEAN. R/D SWIVEL.
14:00	2.00	16:00	PULT	Pull Tubing	POOH W/ BIT. BIT LOOK GOOD. SWIFN.
16:00	14.00	06:00	LOCL	Lock Wellhead & Secure	WELL SHUT IN & SECURE. CREW TRAVEL.

Aurora Federal 15-28D-7-20 7/27/2012 06:00 - 7/28/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB) 9,712.0	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. HOLD SAFETY MEETING.
07:00	3.00	10:00	WKLL	Kill Well	SIWP- 100. BLEED DOWN WELL. BULL HEAD 260 BBL'S DOWN CSG. SHUT WELL IN FOR 10 MIN, SICP- 200. BLEED CSG TO BLOW DOWN TANK. VERY SLIGHT FLOW.
10:00	2.00	12:00	RUTB	Run Tubing	P/U NEW 4-3/4 BIT. RIH TALLINY TBG. TAG FILL @ 8730'.
12:00	5.50	17:30	CLN	Clean Out Hole	R/U SWIVEL. C/O F/ 8730' TO 9123'. CIRC WELL CLEAN. R/D SWIVEL.
17:30	0.50	18:00	PULT	Pull Tubing	PULL 20 JT'S. EOT @ 8488'. SWIFN.
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	WELL SHUT IN & SECURE. CREW TRAVEL.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU80689
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: AURORA (DEEP)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: AURORA FEDERAL 15-28D-7-20
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047520060000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0098 FSL 2286 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 28 Township: 07.0S Range: 20.0E Meridian: S	9. FIELD and POOL or WILDCAT: UNDESIGNATED 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"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 8/31/2012	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

August 2012 monthly drilling activity report is attached.

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

FOR RECORD ONLY

September 07, 2012

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


Aurora Federal 15-28D-7-20 8/1/2012 06:00 - 8/2/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB) 9,712.0	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. HOLD SAFETY MEETING.
07:00	2.50	09:30	BOPI	Install BOP's	SIWP- 50. BLEED WELL DOWN. CIRC GAS OFF OF WELL. N/U BOP. R/U FLOOR.
09:30	3.00	12:30	PULT	Pull Tubing	PULL TBG HANGER. ATTEMPT TO SET TAC ON FIRST 20 STANDS, NO LUCK. POOH W/ TAC.
12:30	2.00	14:30	RUTB	Run Tubing	CHANGE OUT TAC W/ 1/4 TURN SET TAC. RIH W/ TAC.
14:30	1.00	15:30	BOPR	Remove BOP's	N/D BOP. ATTEMPT TO SET TAC, NO LUCK. N/U BOP.
15:30	2.50	18:00	PULT	Pull Tubing	POOH W/ TAC. RIH W/ 65 JTS FOR KILL STRING. SDFN
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	WELL SHUT IN & SECURE. CREW TRAVEL

Aurora Federal 15-28D-7-20 8/2/2012 06:00 - 8/3/2012 06:00

API/UWI 43047520060000	State/Province UT	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB) 9,712.0	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. HOLD SAFETY MEETING.
07:00	1.00	08:00	WKLL	Kill Well	CIRC GAS & OIL OFF WELL W/ 175 BBL'S.
08:00	2.00	10:00	PULT	Pull Tubing	L/D 65 JT'S 2-7/8 TBG. RIH W/ 2-7/8 BULL PLUG, 5 JT'S 2-7/8 TBG, DESANDER, 4' TBG PUP, PSN, 1 JT 2-7/8 TBG, 5-1/2 TAC & 169 JT'S 2-7/8 TBG.
10:00	2.00	12:00	IWHD	Install Wellhead	N/D BOP. SET TAC. N/U WELLHEAD. R/U ROD EQUIPMENT.
12:00	4.00	16:00	RURP	Run Rods & Pump	P/U ROD PUMP & PRIME. RIH P/U RODS OFF OF TRAILER. PUMP 2-1/2 x 1-3/4 x36". SHEAR PIN. 27 - 1". 88 - 3/4". 70 - 7/8". 26 - 1". 1-1/2 x 40' POLISH ROD.
16:00	2.00	18:00	GOP	General Operations	SPACE OUT ROD & SEAT PUMP. TEST TBG, HELD GOOD. OPEN TO SALES LINE. SDFN.
18:00	12.00	06:00	CTRL	Crew Travel	CREW TRAVEL.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. UTU80689

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. AURORA (DEEP) UTU

8. Lease Name and Well No. AURORA FEDERAL 15-28D-7-20

9. API Well No. 43-047-52006

10. Field and Pool, or Exploratory WILDCAT

11. Sec., T., R., M., or Block and Survey or Area Sec 28 T7S R20E Mer SLB

12. County or Parish UNITAH 13. State UT

14. Date Spudded 02/24/2012 15. Date T.D. Reached 03/20/2012 16. Date Completed D & A Ready to Prod. 04/16/2012 17. Elevations (DF, KB, RT, GL)* 4789 GL

18. Total Depth: MD 9712 TVD 9642 19. Plug Back T.D.: MD 9609 TVD 9509 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL, BOREHOLE, TRIPLE COMBO 22. Was well cored? No Yes (Submit analysis) Was DST run? No Yes (Submit analysis) Directional Survey? No Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
24.000	20.000 K-55	94.0	0	80	80			0	
14.750	10.750 J-55	45.5	0	3205	3199	1360	606	0	
8.750	5.500 P-110	17.0	0	9712	9698	2110	644	1160	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	5582							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GREEN RIVER	5357	6190	5357 TO 6190	0.360	449	OPEN
B) WASATCH	7516	9469	7516 TO 9469	0.360	126	OPEN
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
5357 TO 6190	SEE TREATMENT STAGES 11-13
7516 TO 9469	SEE TREATMENT STAGES 1-10

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
04/16/2012	04/20/2012	24	→	0.0	2.0	0.0	0.0		FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
24/64	SI	150.0	→	0	2	0	0	POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #15558 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **OCT 24 2012**

RECEIVED

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GREEN RIVER	3105
				MAHOGANY	4516
				DOUGLASS CREEK	5692
				BLACK SHALE	6523
				CASTLE PEAK	6795
				UTELAND BUTTE	7011
				WASATCH	7388
				TD	9712

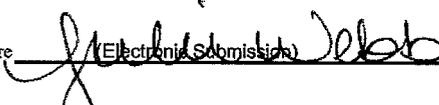
32. Additional remarks (include plugging procedure):
TOC calculated by CBL. CBL mailed due to file size. Conductor was cemented with grout. Attached is treatment data.

33. Circle enclosed attachments:

- 1. Electrical/Mechanical Logs (1 full set req'd.)
- 2. Geologic Report
- 3. DST Report
- 4. Directional Survey
- 5. Sundry Notice for plugging and cement verification
- 6. Core Analysis
- 7 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #155558 Verified by the BLM Well Information System.
For BILL BARRETT CORPORATION, sent to the Vernal

Name (please print) MEGAN FINNEGAN Title PERMIT ANALYST
Signature  (Electronic Submission) Date 10/19/2012

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

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Aurora Federal 15-28-7-20 Completion Report Continued*

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)				
AMOUNT AND TYPE OF MATERIAL				
<u>Stage</u>	<u>BBS Slurry</u>	<u>lbs 100 Mesh Sand</u>	<u>lbs 20/40 White Sand</u>	<u>lbs 20/40 CRC Sand</u>
1	3,326			167,100
2	3,293			166,100
3	3,310			170,000
4	3,389			173,900
5	3,361			173,800
6	3,344			167,420
7	3,053	12,100	156,900	
8	2,897	12,510	156,790	
9	2,936	12,540	157,860	
10	2,806	11,770	150,230	
11	2,865	12,900	157,000	
12	2,849	12,910	156,690	
13	2,898	14,550	153,410	

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

Design Report for Aurora Federal 15-28D-7-20 - MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
258.00	0.18	322.21	258.00	0.32	-0.25	0.17	0.07
First MWD Survey							
351.00	0.28	315.61	351.00	0.60	-0.50	0.29	0.11
435.00	0.31	28.80	435.00	0.94	-0.53	0.58	0.42
527.00	0.15	298.27	527.00	1.22	-0.52	0.83	0.38
618.00	0.12	23.37	618.00	1.36	-0.58	0.93	0.20
710.00	0.05	65.12	710.00	1.47	-0.51	1.06	0.10
804.00	0.12	312.05	804.00	1.55	-0.55	1.11	0.16
899.00	0.26	192.84	899.00	1.41	-0.67	0.93	0.35
993.00	0.51	212.75	992.99	0.85	-0.94	0.31	0.30
1,087.00	0.31	234.07	1,086.99	0.35	-1.37	-0.34	0.26
1,181.00	0.38	14.78	1,180.99	0.50	-1.50	-0.26	0.69
1,275.00	0.73	57.18	1,274.99	1.13	-0.92	0.56	0.55
1,370.00	0.56	67.10	1,369.98	1.63	0.02	1.45	0.21
1,464.00	0.48	51.27	1,463.98	2.06	0.75	2.17	0.17
1,558.00	0.54	73.81	1,557.97	2.43	1.48	2.84	0.22
1,652.00	0.54	87.67	1,651.97	2.57	2.35	3.37	0.14
1,746.00	0.43	124.61	1,745.97	2.39	3.08	3.56	0.35
1,840.00	0.20	83.51	1,839.97	2.21	3.54	3.61	0.33
1,935.00	0.33	326.31	1,934.96	2.45	3.55	3.83	0.48
2,029.00	0.29	253.21	2,028.96	2.61	3.17	3.79	0.39
2,123.00	0.43	345.13	2,122.96	2.88	2.85	3.88	0.56
2,218.00	1.01	32.94	2,217.95	3.93	3.22	4.98	0.83
2,312.00	1.69	31.94	2,311.93	5.80	4.40	7.19	0.72
2,406.00	2.43	35.02	2,405.87	8.61	6.28	10.55	0.80
2,500.00	3.86	36.58	2,499.72	12.78	9.31	15.66	1.52
2,594.00	4.57	38.40	2,593.47	18.26	13.52	22.47	0.77
2,689.00	4.98	37.85	2,688.14	24.48	18.40	30.26	0.43
2,783.00	5.59	38.74	2,781.74	31.27	23.77	38.78	0.65
2,877.00	6.34	39.00	2,875.23	38.88	29.90	48.37	0.80
2,972.00	8.21	37.50	2,969.46	48.33	37.33	60.21	1.98
3,066.00	8.71	31.58	3,062.44	59.72	45.14	73.94	1.07
3,126.00	9.30	30.85	3,121.70	67.76	50.01	83.31	1.00
3,245.00	9.61	31.32	3,239.08	84.50	60.10	102.83	0.27
3,340.00	10.65	27.37	3,332.60	99.07	68.26	119.53	1.32
3,387.00	10.34	25.38	3,378.81	106.73	72.07	128.09	1.01
3,434.00	12.01	26.95	3,424.92	114.90	76.09	137.19	3.61
3,481.00	13.64	29.02	3,470.75	124.11	81.00	147.62	3.60
3,528.00	14.18	29.98	3,516.37	133.94	86.56	158.91	1.25
3,575.00	14.94	28.46	3,561.86	144.26	92.32	170.73	1.81
3,622.00	16.21	27.41	3,607.13	155.41	98.23	183.34	2.77
3,669.00	17.59	27.67	3,652.10	167.52	104.55	197.01	2.94
3,717.00	17.79	28.37	3,697.83	180.40	111.40	211.59	0.61
3,764.00	16.48	29.38	3,742.75	192.52	118.08	225.44	2.86
3,811.00	14.86	30.10	3,788.00	203.55	124.38	238.13	3.47
3,858.00	15.02	29.60	3,833.41	214.06	130.41	250.24	0.44
3,905.00	15.63	29.38	3,878.74	224.87	136.52	262.65	1.30
3,952.00	15.32	30.69	3,924.03	235.73	142.80	275.19	0.99
4,033.00	15.19	31.44	4,002.18	253.98	153.80	296.47	0.29

Design Report for Aurora Federal 15-28D-7-20 - MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
4,080.00	15.86	31.02	4,047.46	264.74	160.32	309.03	1.45
4,128.00	16.49	30.99	4,093.56	276.20	167.20	322.38	1.31
4,175.00	16.10	29.68	4,138.68	287.58	173.87	335.56	1.14
4,238.00	14.47	28.37	4,199.45	302.10	181.93	352.16	2.64
4,285.00	13.63	28.16	4,245.04	312.15	187.34	363.57	1.79
4,332.00	12.90	19.64	4,290.79	321.97	191.71	374.30	4.44
4,386.00	12.68	10.13	4,343.46	333.48	194.78	385.91	3.92
4,433.00	14.31	15.77	4,389.16	344.15	197.27	396.49	4.45
4,480.00	16.45	22.51	4,434.48	355.89	201.39	408.79	5.93
4,527.00	17.55	23.47	4,479.42	368.54	206.76	422.48	2.42
4,575.00	15.95	23.14	4,525.38	381.24	212.24	436.26	3.34
4,622.00	15.54	23.22	4,570.62	392.97	217.26	448.97	0.87
4,669.00	16.70	25.53	4,615.77	404.85	222.65	461.99	2.82
4,716.00	16.71	28.50	4,660.79	416.88	228.79	475.50	1.82
4,763.00	15.25	31.30	4,705.97	428.10	235.22	488.43	3.51
4,810.00	13.98	32.18	4,751.45	438.19	241.46	500.26	2.74
4,857.00	13.68	31.85	4,797.09	447.71	247.41	511.47	0.66
4,904.00	13.53	29.84	4,842.77	457.20	253.08	522.51	1.06
4,951.00	12.26	26.19	4,888.58	466.45	258.02	532.99	3.21
4,998.00	11.34	25.92	4,934.59	475.08	262.24	542.60	1.96
5,046.00	11.77	26.94	4,981.62	483.69	266.52	552.21	0.99
5,093.00	11.40	29.56	5,027.66	492.01	270.99	561.64	1.37
5,140.00	10.48	28.82	5,073.81	499.79	275.34	570.56	1.98
5,187.00	9.14	27.51	5,120.12	506.85	279.12	578.57	2.89
5,234.00	7.89	26.85	5,166.60	513.04	282.31	585.53	2.67
5,281.00	7.10	30.46	5,213.20	518.42	285.24	591.65	1.96
5,328.00	6.83	37.46	5,259.85	523.14	288.41	597.31	1.89
5,375.00	5.79	38.01	5,306.57	527.23	291.57	602.41	2.22
5,422.00	5.30	29.74	5,353.35	530.98	294.10	606.91	1.99
5,469.00	5.30	23.65	5,400.15	534.85	296.05	611.24	1.20
5,516.00	5.02	27.34	5,446.96	538.67	297.87	615.47	0.92
5,563.00	3.87	23.59	5,493.81	541.95	299.45	619.10	2.52
5,610.00	3.09	21.22	5,540.73	544.58	300.54	621.94	1.69
5,705.00	1.38	23.33	5,635.65	548.02	301.92	625.62	1.80
5,799.00	1.83	41.01	5,729.61	550.19	303.35	628.22	0.71
5,893.00	0.84	84.81	5,823.59	551.39	305.02	630.06	1.44
5,988.00	1.72	20.78	5,918.57	552.78	306.22	631.85	1.63
6,082.00	0.87	10.43	6,012.54	554.81	306.85	633.93	0.93
6,176.00	0.81	348.49	6,106.53	556.16	306.85	635.12	0.35
6,270.00	0.29	340.64	6,200.53	557.03	306.64	635.80	0.56
6,365.00	0.49	58.31	6,295.53	557.47	306.90	636.31	0.54
6,459.00	0.54	54.70	6,389.52	557.94	307.61	637.05	0.06
6,553.00	0.47	87.11	6,483.52	558.22	308.35	637.65	0.31
6,647.00	0.37	94.10	6,577.52	558.21	309.04	637.97	0.12
6,741.00	0.57	138.09	6,671.51	557.84	309.66	637.93	0.42
6,836.00	0.13	120.60	6,766.51	557.44	310.07	637.77	0.47
6,930.00	0.42	301.47	6,860.51	557.56	309.86	637.78	0.59
7,024.00	0.96	284.04	6,954.51	557.93	308.81	637.61	0.61
7,118.00	0.89	327.70	7,048.49	558.74	307.65	637.78	0.74
7,214.00	0.75	301.01	7,144.48	559.70	306.71	638.18	0.42
7,308.00	0.37	232.37	7,238.48	559.83	305.95	637.94	0.75

Design Report for Aurora Federal 15-28D-7-20 - MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
7,402.00	0.60	295.93	7,332.48	559.86	305.26	637.64	0.58
7,496.00	0.99	349.84	7,426.47	560.87	304.68	638.26	0.85
7,590.00	0.65	346.95	7,520.46	562.19	304.41	639.30	0.36
7,685.00	0.27	315.99	7,615.46	562.88	304.14	639.78	0.46
7,779.00	0.55	64.98	7,709.46	563.23	304.39	640.21	0.73
7,873.00	0.68	78.02	7,803.45	563.53	305.35	640.93	0.20
7,967.00	0.65	91.66	7,897.44	563.63	306.43	641.52	0.17
8,061.00	0.46	114.06	7,991.44	563.47	307.30	641.79	0.30
8,156.00	0.38	87.29	8,086.44	563.32	307.97	641.97	0.22
8,250.00	0.60	137.10	8,180.43	562.98	308.61	641.97	0.49
8,344.00	0.60	161.59	8,274.43	562.15	309.10	641.47	0.27
8,438.00	0.61	176.52	8,368.42	561.18	309.29	640.71	0.17
8,531.00	0.79	158.31	8,461.42	560.09	309.56	639.87	0.31
8,626.00	1.52	138.89	8,556.40	558.54	310.63	639.00	0.86
8,720.00	1.76	147.13	8,650.36	556.39	312.23	637.85	0.36
8,814.00	2.00	140.67	8,744.31	553.90	314.05	636.52	0.34
8,908.00	2.04	141.13	8,838.25	551.33	316.14	635.23	0.05
9,002.00	2.30	134.73	8,932.18	548.70	318.53	634.04	0.38
9,097.00	1.91	138.15	9,027.12	546.18	320.94	632.95	0.43
9,191.00	1.52	155.21	9,121.08	543.88	322.51	631.65	0.68
9,285.00	1.98	167.96	9,215.03	541.16	323.37	629.66	0.64
9,380.00	2.32	166.26	9,309.97	537.69	324.17	626.97	0.36
9,474.00	2.63	170.10	9,403.88	533.72	324.99	623.85	0.37
9,568.00	2.84	174.97	9,497.77	529.27	325.57	620.20	0.33
9,658.00	3.13	175.46	9,587.65	524.60	325.96	616.26	0.32
Final MWD Survey							
9,712.00	3.13	175.46	9,641.57	521.66	326.19	613.78	0.00
Survey Projection to TD							

Vertical Section Information

Angle Type	Target	Azimuth (°)	Origin Type	+N/-S (ft)	+E/-W (ft)	Start TVD (ft)
Target	Aurora Federal 15-28D-7-20_PlanA - Rev1_B HL Tgt	28.05	Slot	0.00	0.00	0.00

Survey tool program

From (ft)	To (ft)	Survey/Plan	Survey Tool
258.00	9,712.00	Sperry MWD Surveys	MWD

HALLIBURTON

Design Report for Aurora Federal 15-28D-7-20 - MWD Survey

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
Aurora Federal	0.00	0.00	0.00	0.00	0.00	675,719.78	2,510,771.56	40° 10' 27.142 N	109° 40' 19.171 W
- actual wellpath hits target center									
- Polygon									
Point 1				0.00	365.38	676,085.05	2,510,764.10		
Point 2				600.00	365.38	676,097.31	2,511,363.92		
Point 3				0.00	365.38	676,085.05	2,510,764.10		
Aurora Federal	0.00	0.00	9,623.00	565.38	301.25	676,291.15	2,511,061.17	40° 10' 32.729 N	109° 40' 15.290 W
- actual wellpath misses target center by 49.36ft at 9690.97ft MD (9620.57 TVD, 522.81 N, 326.10 E)									
- Point									
Aurora Federal	0.00	0.00	5,553.00	565.38	301.25	676,291.15	2,511,061.17	40° 10' 32.729 N	109° 40' 15.290 W
- actual wellpath misses target center by 20.19ft at 5623.03ft MD (5553.74 TVD, 545.21 N, 300.78 E)									
- Rectangle (sides W200.00 H200.00 D4,070.00)									

North Reference Sheet for Sec. 28-T7S-R20E - Aurora Federal 15-28D-7-20 - Plan A

All data is in US Feet unless otherwise stated. Directions and Coordinates are relative to True North Reference.

Vertical Depths are relative to KB @ 4813.00ft (H&P 319). Northing and Easting are relative to Aurora Federal 15-28D-7-20

Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302 using datum NAD 1927 (NADCON CONUS), ellipsoid Clarke 1866

Projection method is Lambert Conformal Conic (2 parallel)

Central Meridian is 111° 30' 0.000 W°, Longitude Origin:0° 0' 0.000 E°, Latitude Origin:40° 39' 0.000 N°

False Easting: 2,000,000.00ft, False Northing: 0.00ft, Scale Reduction: 0.99991631

Grid Coordinates of Well: 675,719.78 ft N, 2,510,771.56 ft E

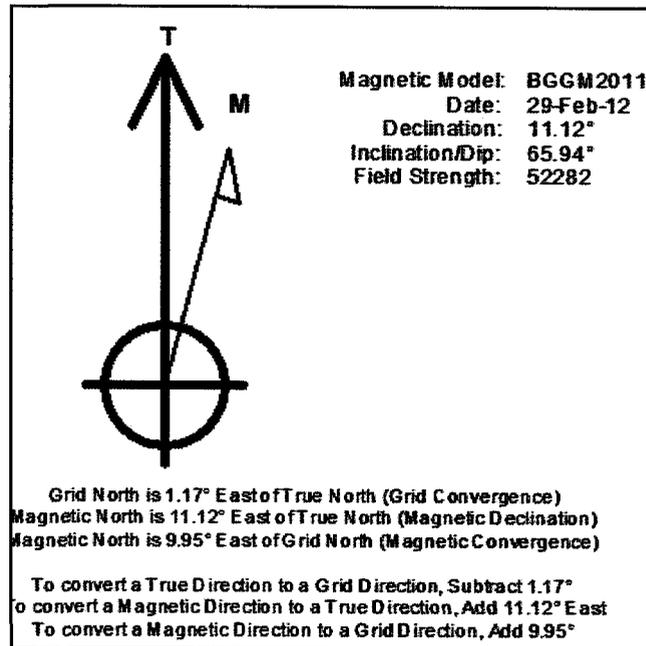
Geographical Coordinates of Well: 40° 10' 27.14" N, 109° 40' 19.17" W

Grid Convergence at Surface is: 1.17°

Based upon Minimum Curvature type calculations, at a Measured Depth of 9,712.00ft

the Bottom Hole Displacement is 615.25ft in the Direction of 32.02° (True).

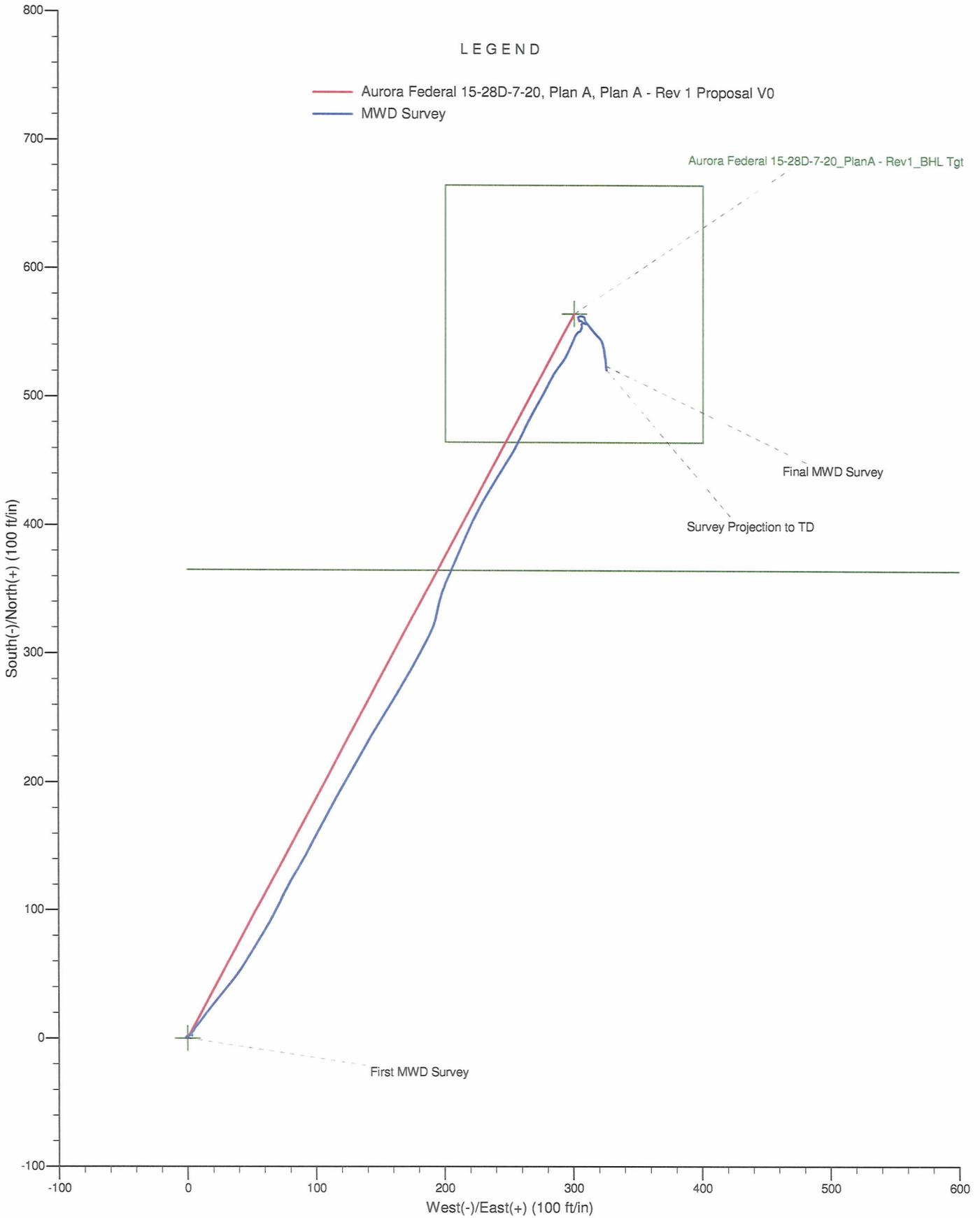
Magnetic Convergence at surface is: -9.95° (29 February 2012, , BGGM2011)



Project: Uintah County, UT (NAD 1927)
Site: Sec. 28-T7S-R20E
Well: Aurora Federal 15-28D-7-20

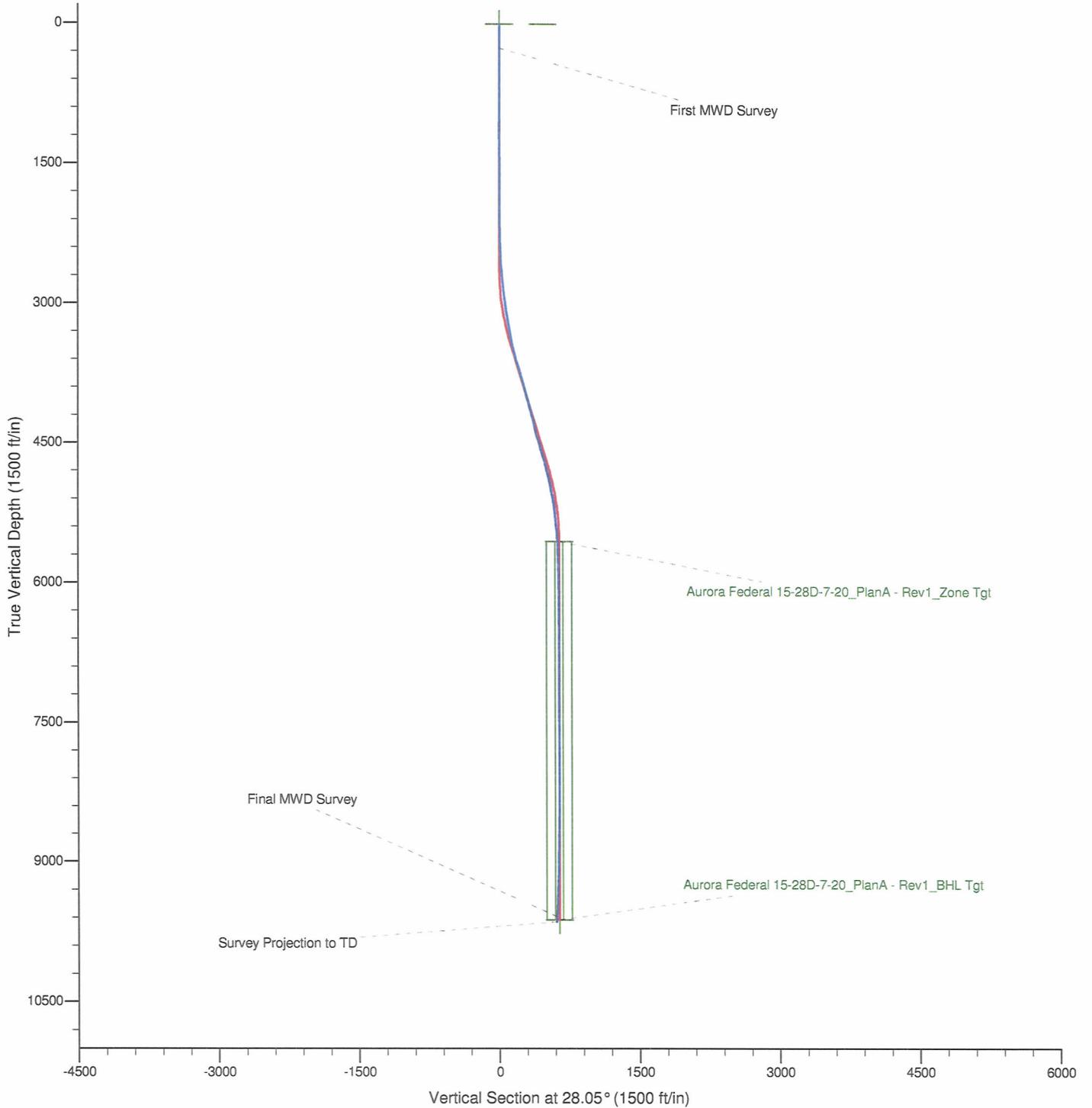
Bill Barrett Corp

HALLIBURTON
Sperry Drilling



LEGEND

- Aurora Federal 15-28D-7-20, Plan A, Plan A - Rev 1 Proposal V0
- MWD Survey



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU80689
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: AURORA (DEEP)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: AURORA FEDERAL 15-28D-7-20
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047520060000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0098 FSL 2286 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 28 Township: 07.0S Range: 20.0E Meridian: S	9. FIELD and POOL or WILDCAT: UNDESIGNATED 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: 11/12/2012	<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 checked="" 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.

This sundry is being submitted by Bill Barrett Corporation to request extended flaring as allowed under R649-3-20. Please see the attached for further information.

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

Date: November 15, 2012

By: Dark Ount

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 11/5/2012	

This sundry is being submitted by Bill Barrett Corporation to request an extended flaring.

The Aurora Federal 15-28D-7-20, which was completed in April of 2012, has had an unexpected increase in gas production over the past 2 months and is now approaching the allowable flaring totals. In the month of October 2012, this well has been choked back for 10 days and shut in for 4 days, producing between 60-80 mcf/d, and recently it has been doing 76-78mcf/d, in order to keep it from exceeding the flaring allowables.

BBC believes that by continuing to shut in this well, it would be detrimental as there is always potential for formation damage with future flow restrictions and shut-ins. Reduction of ultimate recovery can potentially occur by either dehydration of any gelled hydraulic fracture fluid that is still in formation as well as the crushing of the proppant in hydraulic fractures given apparent over-pressure in the Wasatch. Also, there is an increased risk to form downhole paraffin plugs that bridge off the casing and tubing when production rates are reduced.

BBC is also persistently working with the surface owners to obtain signed SUAs allowing BBC to construct the associated 4.11 mile trunk pipeline (4-inch) that will service with 3 other future BBC wells that will be drilled starting in the spring of 2013 due to the success of this well. Because there are numerous landowners associated with the pipeline, it is taking time to get negotiations finalized and then constructed.

With the over production of gas, along with the multiple surface owners associated with the pipeline approval and construction, BBC is requesting permission, as allowed under R649-3-20, to flare ~6720mcf on rod pump, with no choke, until the pipeline has been constructed or until the Board hearing scheduled for January 2013, to prevent us from having to shut this well in and reduce the productivity of this well.

Please contact Brady Riley at 303-312-8115 with questions.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU80689
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: AURORA (DEEP)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: AURORA FEDERAL 15-28D-7-20
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047520060000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0098 FSL 2286 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 28 Township: 07.0S Range: 20.0E Meridian: S	9. FIELD and POOL or WILDCAT: UNDESIGNATED 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: 12/18/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input 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 checked="" 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 sundry is being submitted by Bill Barrett Corporation to request extended flaring as allowed under R649-3-20. Please see the attached for further information

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

Date: December 18, 2012

By: *Derek Quist*

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 12/17/2012	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047520060000

Approval valid until the pipeline work has been completed to allow marketing of the gas or until the January 2013 Board Hearing, whichever is sooner. Operator should take any steps available to minimize the flaring of gas that won't cause waste or adversely impact the well or producing reservoir. R649-3-20-4.2.

This sundry is being submitted by Bill Barrett Corporation to request an extended flaring.

The Aurora Federal 15-28D-7-20, which was completed in April of 2012, has had a continual and unexpected increase in gas production over the last month since our previous approval to increase the allowable flaring amount on 11/15/2012 (80 mcf through the January Board Hearing). In the past month, following the approval to increase our flaring allowable, this well has continued to produce more gas than anticipated and has been producing up to 160 mcf which means BBC will again have to shut in this wellbore unless additional flaring allowables is granted.

BBC believes that by continuing to shut in this well, it would be detrimental as there is always potential for formation damage with future flow restrictions and shut-ins. Reduction of ultimate recovery can potentially occur by either dehydration of any gelled hydraulic fracture fluid that is still in formation as well as the crushing of the proppant in hydraulic fractures given apparent over-pressure in the Wasatch. Also, there is an increased risk to form downhole paraffin plugs that bridge off the casing and tubing when production rates are reduced.

BBC is still persistently working with the surface owners to obtain signed SUAs allowing BBC to construct the associated 4.11 mile trunk pipeline (4-inch) that will service with 3 other future BBC wells that will be drilled starting in the spring of 2013 due to the success of this well. Because there are numerous landowners associated with the pipeline, it is taking time to get negotiations finalized and then constructed.

With the over production of gas, along with the multiple surface owners associated with the pipeline approval and construction, BBC is requesting permission, as allowed under R649-3-20, to flare ~400mcf on rod pump, with no choke, until the pipeline has been constructed or until the Board hearing scheduled for January 2013, to prevent us from having to shut this well in and reduce the productivity of this well. Federal approval for the 400 mcf was approved on 12/14/2012.

Please contact Brady Riley at 303-312-8115 with questions.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU80689	
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
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.		7. UNIT or CA AGREEMENT NAME: AURORA (DEEP)	
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: AURORA FEDERAL 15-28D-7-20	
2. NAME OF OPERATOR: BILL BARRETT CORP		9. API NUMBER: 43047520060000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0098 FSL 2286 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 28 Township: 07.0S Range: 20.0E 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: 3/12/2013 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input 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: Pipeline plat package
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
Attached is the revised pipeline plat package and the corresponding signed ROWs/SUAs for the route. Please let me know if you have any questions.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 26, 2013			
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst	
SIGNATURE N/A		DATE 3/12/2013	

4-9-12 *urgency*
sent to H. Walker

PIPELINE RIGHT-OF-WAY AGREEMENT

STATE OF UTAH }
 } SS
COUNTY OF }

COPY

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

Lisa Jorgensen, whose address is 8371 South 3220 West, West Jordan, Utah 84088

("GRANTOR"), the receipt and sufficiency of which is hereby acknowledge, does hereby grant to **Aurora Gathering, LLC** of **1099 18th Street, #2300, Denver, CO 80202** ("GRANTEE"), its successors or assigns, a right-of-way to construct, maintain and use a pipeline along with the right to alter, inspect, repair, replace, change the size of, operate, and remove a pipeline and from time to time add additional pipeline or multiple pipelines, drips, valves, 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 lands for any purpose necessary or incidental to the operating and maintaining said pipeline or pipelines 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 7 South, Range 20 East, SLM
Section 34: N/2NWNW

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.

Grantee to have the right to select, change or alter the routes of all pipelines herein authorized to be laid under, upon, over and through the above described premises. Grantor shall not place anything over or so close to any pipeline 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 and facilities herein authorized to be maintained and operated by Grantee. This easement shall not exceed Sixty (60) feet in width for construction and Thirty (30) feet for the permanent easement. Pipelines and disturbed ground to be reseeded at recommended seeding rates per Grantor 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.

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 pipeline, 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.

IN WITNESS WHEREOF, the GRANTOR and GRANTEE herein named have hereunto set their hand and seal this 7th day of April, 2012.

GRANTOR:


Lisa Jorgensen

GRANTEE:

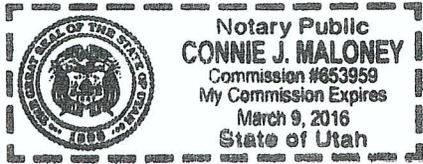
Aurora Gathering, LLC

Huntington T. Walker, Senior Vice President Land

ACKNOWLEDGEMENT

STATE OF Utah)
COUNTY OF Uintah) SS

On the 7th day of April, 2012, before me the undersigned authority, appeared **Lisa Jorgensen**, to me personally known, who, being sworn, did say that he is the Registered Agent for EJ Winder Family, 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.



Connie J. Maloney
Notary Public for the State of

Residing at _____

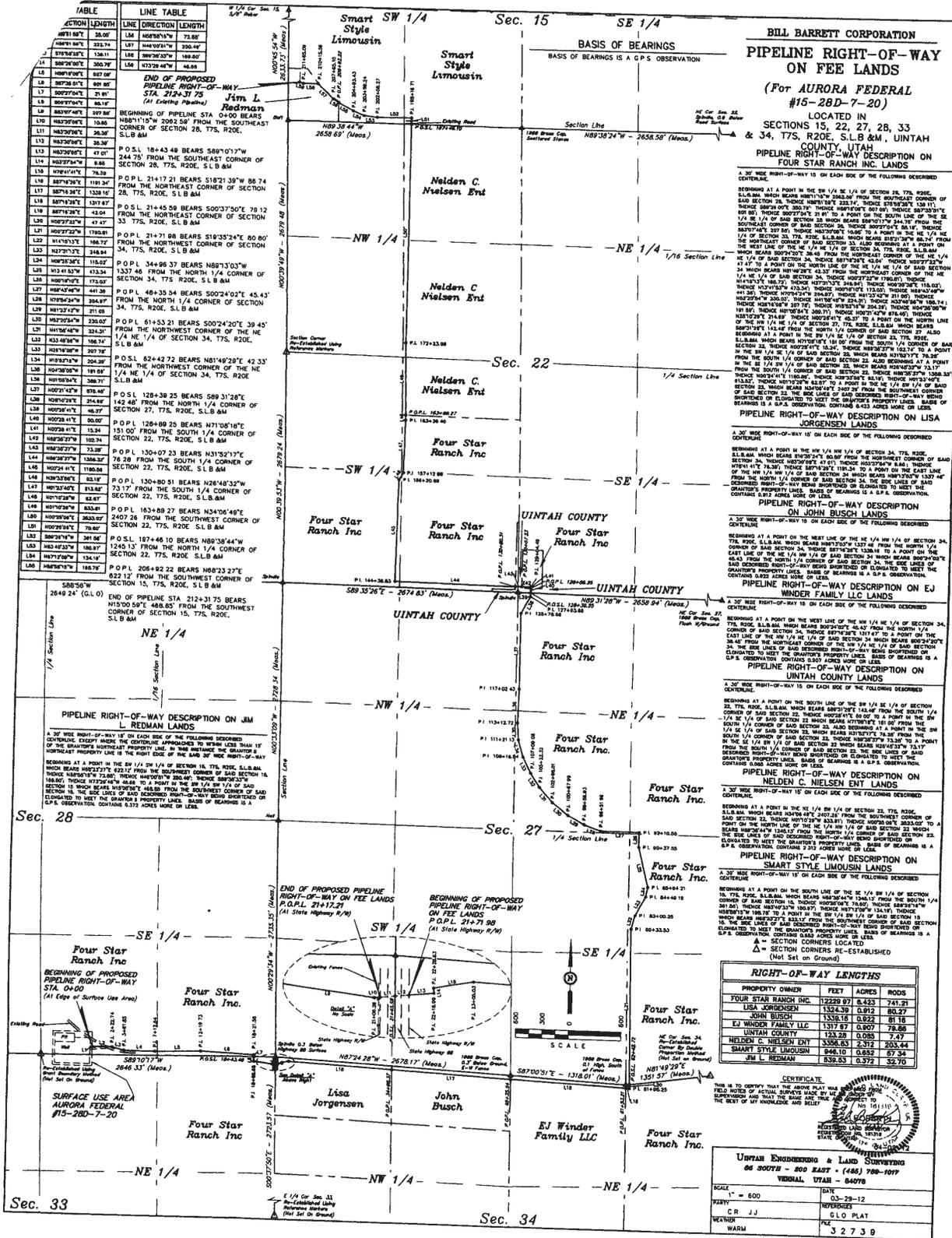
ACKNOWLEDGEMENT

STATE OF _____)
COUNTY OF _____) SS

On the ___ day of _____, 20___, 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 for 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.

Notary Public for the State of

Residing at _____



SECTION	LENGTH	LINE	DIRECTION	LENGTH
L1	10781.87	L1	N04°08'14"W	72.80'
L2	10781.87	L2	N44°00'00"W	206.14'
L3	10781.87	L3	S89°20'23"W	169.80'
L4	10781.87	L4	S72°29'48"W	46.68'
L5	10781.87	L5	S07°28'51"W	89.85'
L6	10781.87	L6	S00°00'00"W	21.91'
L7	10781.87	L7	N00°00'00"W	161.17'
L8	10781.87	L8	N00°00'00"W	161.17'
L9	10781.87	L9	N00°00'00"W	161.17'
L10	10781.87	L10	N00°00'00"W	161.17'
L11	10781.87	L11	N00°00'00"W	161.17'
L12	10781.87	L12	N00°00'00"W	161.17'
L13	10781.87	L13	N00°00'00"W	161.17'
L14	10781.87	L14	N00°00'00"W	161.17'
L15	10781.87	L15	N00°00'00"W	161.17'
L16	10781.87	L16	N00°00'00"W	161.17'
L17	10781.87	L17	N00°00'00"W	161.17'
L18	10781.87	L18	N00°00'00"W	161.17'
L19	10781.87	L19	N00°00'00"W	161.17'
L20	10781.87	L20	N00°00'00"W	161.17'
L21	10781.87	L21	N00°00'00"W	161.17'
L22	10781.87	L22	N00°00'00"W	161.17'
L23	10781.87	L23	N00°00'00"W	161.17'
L24	10781.87	L24	N00°00'00"W	161.17'
L25	10781.87	L25	N00°00'00"W	161.17'
L26	10781.87	L26	N00°00'00"W	161.17'
L27	10781.87	L27	N00°00'00"W	161.17'
L28	10781.87	L28	N00°00'00"W	161.17'
L29	10781.87	L29	N00°00'00"W	161.17'
L30	10781.87	L30	N00°00'00"W	161.17'
L31	10781.87	L31	N00°00'00"W	161.17'
L32	10781.87	L32	N00°00'00"W	161.17'
L33	10781.87	L33	N00°00'00"W	161.17'
L34	10781.87	L34	N00°00'00"W	161.17'
L35	10781.87	L35	N00°00'00"W	161.17'
L36	10781.87	L36	N00°00'00"W	161.17'
L37	10781.87	L37	N00°00'00"W	161.17'
L38	10781.87	L38	N00°00'00"W	161.17'
L39	10781.87	L39	N00°00'00"W	161.17'
L40	10781.87	L40	N00°00'00"W	161.17'
L41	10781.87	L41	N00°00'00"W	161.17'
L42	10781.87	L42	N00°00'00"W	161.17'
L43	10781.87	L43	N00°00'00"W	161.17'
L44	10781.87	L44	N00°00'00"W	161.17'
L45	10781.87	L45	N00°00'00"W	161.17'
L46	10781.87	L46	N00°00'00"W	161.17'
L47	10781.87	L47	N00°00'00"W	161.17'
L48	10781.87	L48	N00°00'00"W	161.17'
L49	10781.87	L49	N00°00'00"W	161.17'
L50	10781.87	L50	N00°00'00"W	161.17'
L51	10781.87	L51	N00°00'00"W	161.17'
L52	10781.87	L52	N00°00'00"W	161.17'
L53	10781.87	L53	N00°00'00"W	161.17'
L54	10781.87	L54	N00°00'00"W	161.17'
L55	10781.87	L55	N00°00'00"W	161.17'
L56	10781.87	L56	N00°00'00"W	161.17'
L57	10781.87	L57	N00°00'00"W	161.17'
L58	10781.87	L58	N00°00'00"W	161.17'
L59	10781.87	L59	N00°00'00"W	161.17'
L60	10781.87	L60	N00°00'00"W	161.17'
L61	10781.87	L61	N00°00'00"W	161.17'
L62	10781.87	L62	N00°00'00"W	161.17'
L63	10781.87	L63	N00°00'00"W	161.17'
L64	10781.87	L64	N00°00'00"W	161.17'
L65	10781.87	L65	N00°00'00"W	161.17'
L66	10781.87	L66	N00°00'00"W	161.17'
L67	10781.87	L67	N00°00'00"W	161.17'
L68	10781.87	L68	N00°00'00"W	161.17'
L69	10781.87	L69	N00°00'00"W	161.17'
L70	10781.87	L70	N00°00'00"W	161.17'
L71	10781.87	L71	N00°00'00"W	161.17'
L72	10781.87	L72	N00°00'00"W	161.17'
L73	10781.87	L73	N00°00'00"W	161.17'
L74	10781.87	L74	N00°00'00"W	161.17'
L75	10781.87	L75	N00°00'00"W	161.17'
L76	10781.87	L76	N00°00'00"W	161.17'
L77	10781.87	L77	N00°00'00"W	161.17'
L78	10781.87	L78	N00°00'00"W	161.17'
L79	10781.87	L79	N00°00'00"W	161.17'
L80	10781.87	L80	N00°00'00"W	161.17'
L81	10781.87	L81	N00°00'00"W	161.17'
L82	10781.87	L82	N00°00'00"W	161.17'
L83	10781.87	L83	N00°00'00"W	161.17'
L84	10781.87	L84	N00°00'00"W	161.17'
L85	10781.87	L85	N00°00'00"W	161.17'
L86	10781.87	L86	N00°00'00"W	161.17'
L87	10781.87	L87	N00°00'00"W	161.17'
L88	10781.87	L88	N00°00'00"W	161.17'
L89	10781.87	L89	N00°00'00"W	161.17'
L90	10781.87	L90	N00°00'00"W	161.17'
L91	10781.87	L91	N00°00'00"W	161.17'
L92	10781.87	L92	N00°00'00"W	161.17'
L93	10781.87	L93	N00°00'00"W	161.17'
L94	10781.87	L94	N00°00'00"W	161.17'
L95	10781.87	L95	N00°00'00"W	161.17'
L96	10781.87	L96	N00°00'00"W	161.17'
L97	10781.87	L97	N00°00'00"W	161.17'
L98	10781.87	L98	N00°00'00"W	161.17'
L99	10781.87	L99	N00°00'00"W	161.17'
L100	10781.87	L100	N00°00'00"W	161.17'

PROPERTY OWNER	FEET	ACRES	RODS
FOUR STAR RANCH INC.	12220.97	0.423	741.21
LISA JORGENSEN	1324.39	0.012	80.37
JOHN BUSCH	1338.18	0.022	81.16
EJ WINDER FAMILY LLC	1317.97	0.001	78.48
UNTAH COUNTY	123.28	0.008	7.47
NELDEN C. NIELSEN ENT.	1338.83	2.372	203.54
SMART STYLE LIMOUSIN	848.10	0.028	203.54
JIM L. REDMAN	839.63	0.072	52.70

CERTIFICATE
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE BELIEF.

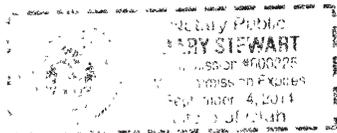
UNTAH ENGINEERING & LAND SURVEYING
68 SOUTH - 200 EAST - (435) 780-1017
VERMILION, UTAH - 84078

SCALE: 1" = 600'
DATE: 03-29-12
BY: C R J J
CHECKED: WASHM
PLAT: 3 2 7 3 9

ACKNOWLEDGEMENT

STATE OF Utah)
) SS
COUNTY OF Duchesne)

On the 21 day of May, 20 12 before me the undersigned authority, appeared **Kenneth A. Winder**, to me personally known, who, being sworn, did say that he is the **Registered Agent** for **EJ Winder Family, 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.



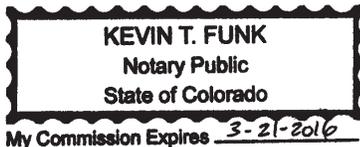
Mary Stewart
Notary Public for the State of Utah

Residing at Roosevelt Utah

ACKNOWLEDGEMENT

STATE OF Colorado)
) SS
COUNTY OF Denver)

On the 8th day of June, 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 for 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.



Huntington T. Walker
Notary Public for the State of CO

Residing at Denver, CO

ACKNOWLEDGEMENT

STATE OF _____)
) SS
COUNTY OF _____)

On the ___ day of _____, 20___, before me the undersigned authority, appeared **Mary Y. Nielsen**, to me personally known, who, being sworn, did say that they are the General Partner, Trustee for Neldon C. Nielsen Enterprises 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.

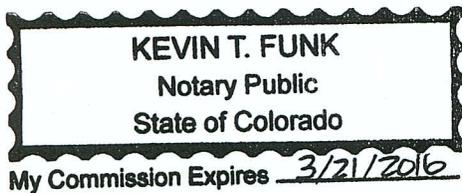
Notary Public for the State of

Residing at _____

ACKNOWLEDGEMENT

STATE OF Colorado)
) SS
COUNTY OF Denver)

On the 18th day of April, 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 for 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 Funk
Notary Public for the State of Colorado

Residing at Denver, CO

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

Four Star Ranch, Inc. whose address is: 8281 North Trails Drive, Park City, Utah 84098

("GRANTOR"), the receipt and sufficiency of which is hereby acknowledge, 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 a pipeline and from time to time add additional pipeline 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 7 South, Range 20 East, SLM
Section 28: A portion of the S/2SE/4

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 Thirty (30') 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.

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.

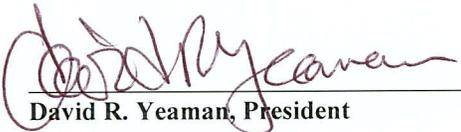
This agreement shall terminate within six (6) months after cessation of use by Grantee. Following completion of the road and installation of power line and pipelines, Grantee agrees to restore the surface of said land as nearly as is reasonably practical to its original condition.

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 8th day of March, 2012.

GRANTOR:
Four Star Ranch, Inc.

GRANTEE:
Aurora Gathering, LLC



David R. Yeaman, President

Huntington T. Walker, Senior Vice President Land

ACKNOWLEDGEMENT

STATE OF Utah)
COUNTY OF Uintah) SS

On the 8th day of March, 2012, before me the undersigned authority, appeared **David R. Yeaman**, to me personally known, who, being sworn, did say that he is the President of Four Star Ranch, Inc., 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.



Terra M. Miller
Notary Public for the State of Utah
Vernal, UT
Residing At _____

ACKNOWLEDGEMENT

STATE OF _____)
COUNTY OF _____) SS

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 _____

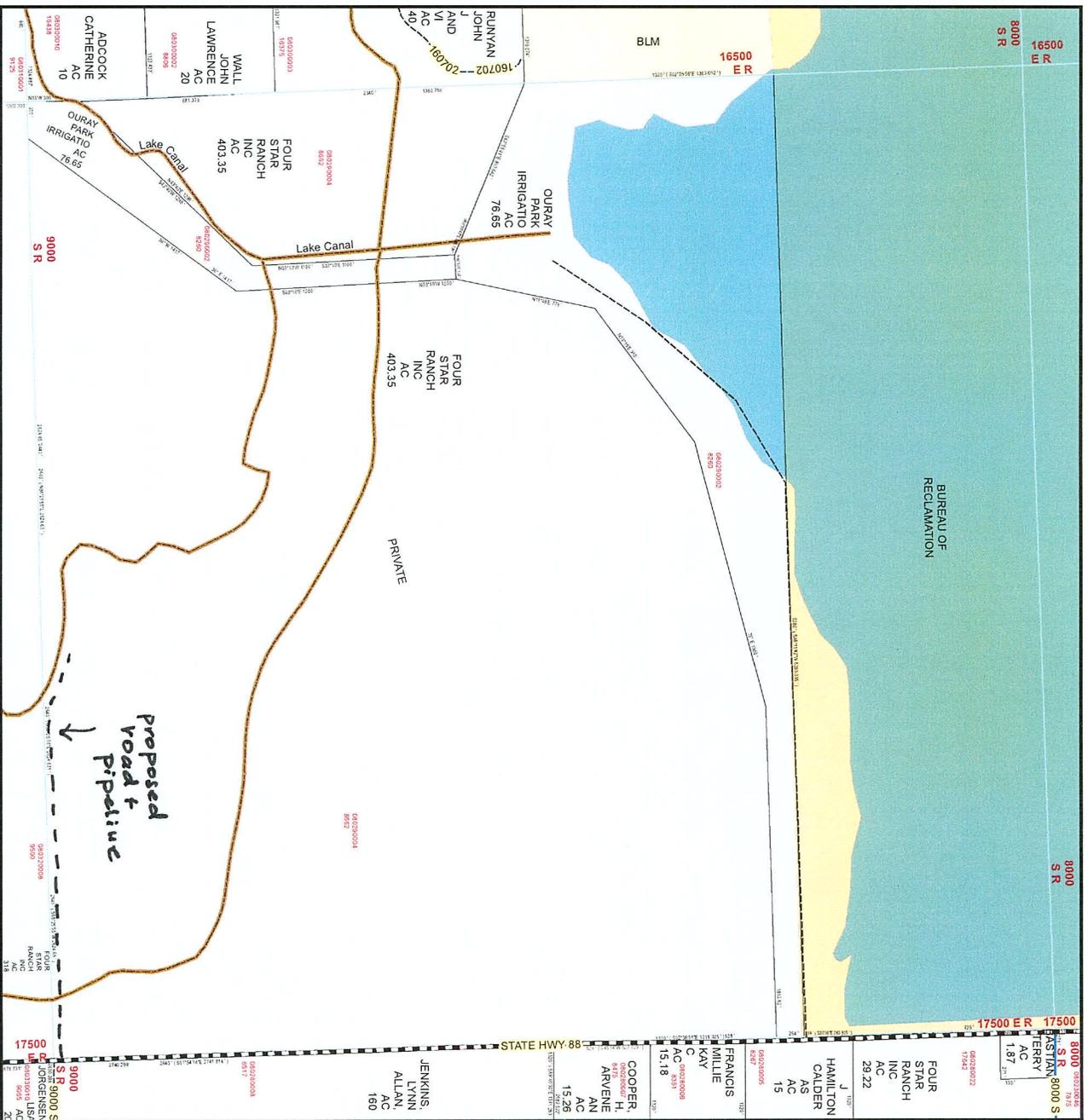
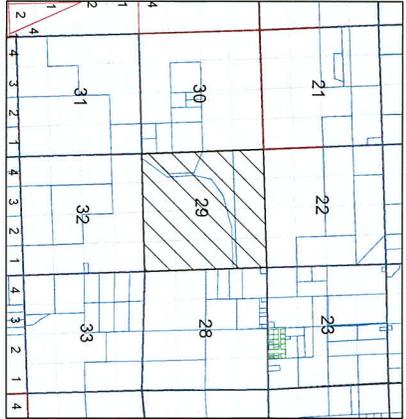
Official Uintah County
Recorder's Plat
2011

This Plat is made solely for the purpose of recording following the final platting of the land. It is not intended to be used as a substitute for a survey. The platting of the land is the responsibility of the landowner. The landowner is advised by Uintah County for use of the data for purposes not intended by Uintah County.



GIS:pathtaggrid selection
Lakes

- Legend**
- Current Monuments
 - Roads
 - Class 1-B Paved
 - Class 1-B Gravel
 - Class 1-B Native
 - Class C City
 - Class D Unmaintained
 - Private
 - US Forest Service
 - Ute Tribe
 - Rail Road
 - Federal or State
 - GIS:Tax
 - Parcel
 - GIS:Parcel_Polygon
 - GIS:Real_Line
 - Lakes



Sec. 28 T7S, R20E Bk8 Pg29

Entry 2012002022
Book 1268 Page 310 \$14.00
12-MAR-12 03:25
RANDY SIMMONS
RECORDER, Uintah County, Utah
ENCORE LAND SERVICES INC
PO BOX 1729 VERNAL, UT 84078
Rec By: TONYA ATWOOD, DEPUTY

PIPELINE RIGHT-OF-WAY AGREEMENT

STATE OF UTAH }
 } SS
COUNTY OF UINTAH }

THAT, effective on this 2/28/12, 2012, for and in consideration of Ten ~~Four~~ Four ~~10000~~ 10000 Dollars (\$10000) and other good and valuable consideration, in hand paid to

Four Star Ranch, Inc. whose address is **8281 N. Trails Drive, Park City, UT 84089**

("GRANTOR"), the receipt and sufficiency of which is hereby acknowledge, does hereby grant to **Aurora Gathering, LLC** of **1099 18th Street, #2300, Denver, CO 80202** ("GRANTEE"), its successors or assigns, a right-of-way to construct, maintain and use a pipeline along with the right to alter, inspect, repair, replace, change the size of, operate, and remove a pipeline and from time to time add additional pipeline or multiple pipelines, drips, valves, 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 lands for any purpose necessary or incidental to the operating and maintaining said pipeline or pipelines 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 7 South, Range 20 East, SLM
Section 22: A portion of the SE/4SW/4 and the S/2NE/4SW/4

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

Grantee to have the right to select, change or alter the routes of all pipelines herein authorized to be laid under, upon, over and through the above described premises. Grantor shall not place anything over or so close to any pipeline 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 and facilities herein authorized to be maintained and operated by Grantee. This easement shall not exceed Sixty (60) feet in width for construction and Thirty (30) feet for the permanent easement. Pipelines and disturbed ground to be reseeded at recommended seeding rates per Grantor 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.

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 pipeline, 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.

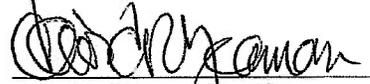
This Pipeline Right-of-Way Agreement is signed by Grantor and Grantee as of the date of acknowledgment of their signatures below, but is effective for all purposes as of the Effective Date stated above.

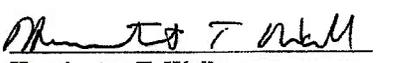
GRANTOR:

GRANTEE:

Four Star Ranch, Inc.

Aurora Gathering, LLC


David R. Yeaman, President


Huntington T. Walker,
Senior Vice-President Land TJA

ACKNOWLEDGEMENT

Entry 2012002022
Book 126B Page 311

STATE OF Utah)
COUNTY OF Uintah) SS

On the 28th day of February, 2012, before me the undersigned authority, appeared **David R. Yeaman**, to me personally known, who, being sworn, did say that he is the **President of Four Star Ranch, Inc.**, 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.



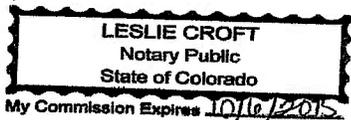
Terra M. Miller
Notary Public for the State of

Residing at Vernal, UT

ACKNOWLEDGEMENT

STATE OF Colorado)
COUNTY OF Denver) SS

On the 7th day of March, 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 for 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.



Leslie Croft
Notary Public for the State of Colorado

Residing at 1099 18th St. Denver, Co 80202

Entry 2012002024
Book 1268 Page 316 \$14.00
12-MAR-12 03:25
RANDY SIMMONS
RECORDER, UINTAH COUNTY, UTAH
ENCORE LAND SERVICES INC
PO BOX 1729 VERNAL, UT 84078
Rec By: TONYA ATWOOD, DEPUTY

PIPELINE RIGHT-OF-WAY AGREEMENT

STATE OF UTAH }
 } SS
COUNTY OF UINTAH }

Entry 2012002024
Book 1268 Page 316

THAT, effective on this 2/28/12, 2012, for and in consideration of Ten & 00/100ths dollars (\$10.00) and other good and valuable consideration, in hand paid to

Four Star Ranch, Inc. whose address is **8281 N. Trails Drive, Park City, UT 84089**

("GRANTOR"), the receipt and sufficiency of which is hereby acknowledge, does hereby grant to **Aurora Gathering, LLC of 1099 18th Street, #2300, Denver, CO 80202** ("GRANTEE"), its successors or assigns, a right-of-way to construct, maintain and use a pipeline along with the right to alter, inspect, repair, replace, change the size of, operate, and remove a pipeline and from time to time add additional pipeline or multiple pipelines, drips, valves, 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 lands for any purpose necessary or incidental to the operating and maintaining said pipeline or pipelines 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 7 South, Range 20 East, SLM
Section 27: A portion of the E/2SE/4 and a portion of the NE/4

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

Grantee to have the right to select, change or alter the routes of all pipelines herein authorized to be laid under, upon, over and through the above described premises. Grantor shall not place anything over or so close to any pipeline 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 and facilities herein authorized to be maintained and operated by Grantee. This easement shall not exceed Sixty (60) feet in width for construction and Thirty (30) feet for the permanent easement. Pipelines and disturbed ground to be reseeded at recommended seeding rates per Grantor 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.

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 pipeline, 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.

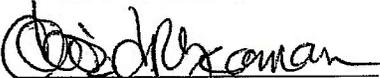
This Pipeline Right-of-Way Agreement is signed by Grantor and Grantee as of the date of acknowledgment of their signatures below, but is effective for all purposes as of the Effective Date stated above.

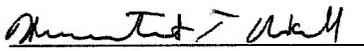
GRANTOR:

GRANTEE:

Four Star Ranch, Inc.

Aurora Gathering, LLC


David R. Yeaman, President

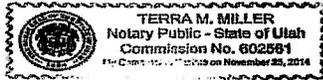

**Huntington T. Walker,
Senior Vice-President Land**

ACKNOWLEDGEMENT

Entry 2012002024
Book 126B Page 317

STATE OF Utah)
COUNTY OF Uintah) SS

On the 28th day of February, 2012, before me the undersigned authority, appeared David R. Yeaman, to me personally known, who, being sworn, did say that he is the President of Four Star Ranch, Inc., 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.



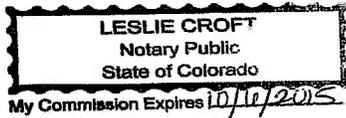
Terra M. Miller
Notary Public for the State of

Residing at Vernal, UT

ACKNOWLEDGEMENT

STATE OF Colorado)
COUNTY OF Denver) SS

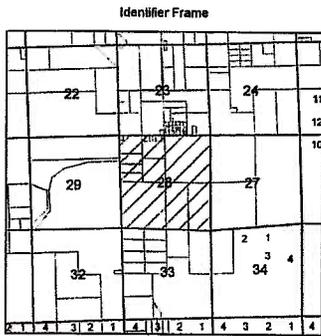
On the 7th day of March, 2012, before me the undersigned authority, appeared Huntington T. Walker, to me personally known, who, being sworn, did say that they are the Senior Vice-President Land for Aurora Gathering, LLC, and that the foregoing instrument was signed in behalf of said partnership and Appearer acknowledged to me that said instrument to be the free act and deed of the partnership.



Leslie Croft
Notary Public for the State of Colorado

Residing at 1099 18th St Denver Co
80202

Entry 2012002024
Book 1268 Page 318

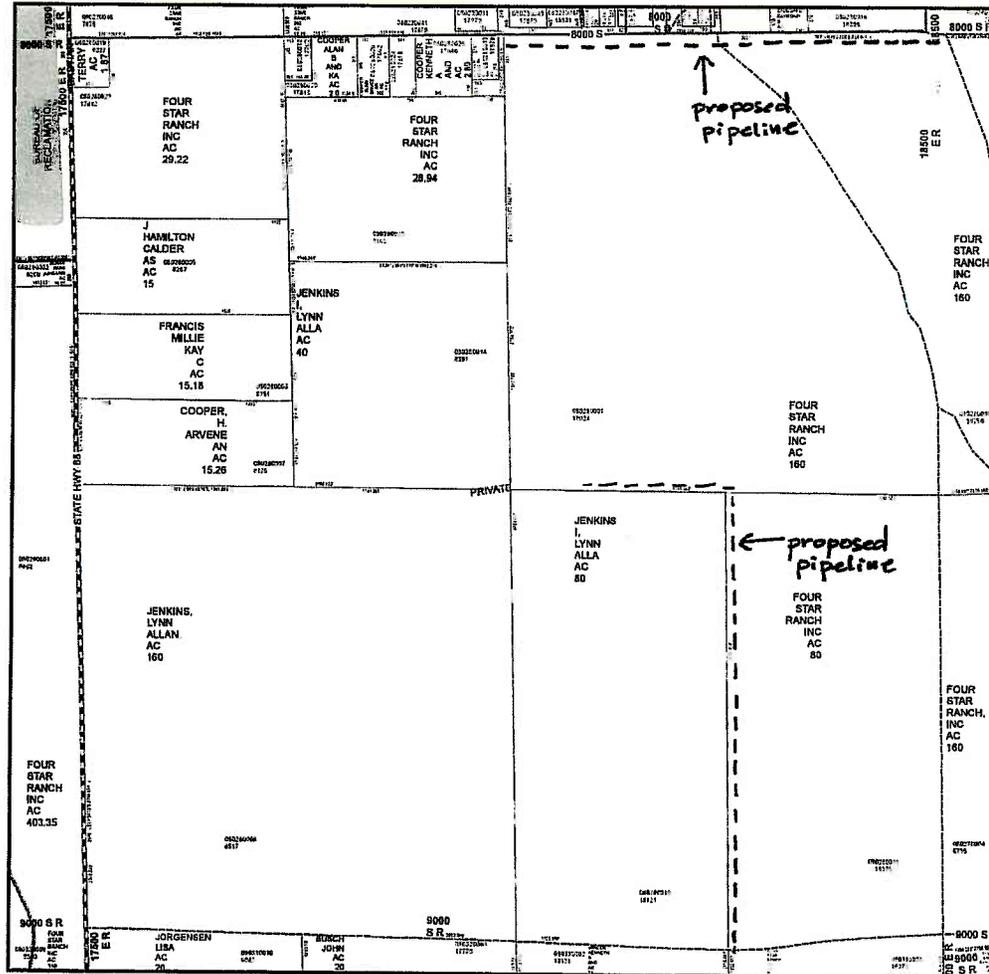


- Legend**
- ▲ Corner Monuments
 - Roads
 - Canals
 - Rivers
 - Class 1-B Paved
 - Class 1-B Gravel
 - Class 1-B Native
 - Class C City
 - Class D Unimproved
 - Private
 - US Forest Service
 - Ute Tribe
 - Rail Road
 - Federal or State
 - Dist. Tax
 - Parcel
 - Dist. Parcel Polygon
 - Dist. Res. Line
 - Latex
 - GIS polygon selection



2011
Official Uintah County
Recorder's Plat

DISCLAIMER
This Plat is being filed for the purpose of recording a legal description. The geographic coordinates and other information contained herein are not intended to be used as a substitute for a legal description. The plat is not intended to be used for zoning, mapping, grading and planning purposes. UCRS, LLC is not responsible for any errors or omissions in this plat. The plat is not intended to be used for any other purpose not intended by Uintah County.



Sec. 27 T7S, R20E Bk8 Pg28

with the right to lay, construct, maintain, alter, inspect, repair, replace, change the size of, operate, and remove a pipeline and from
Sundry Number: 35498 API Well Number: 43047520060000
time to time add additional pipeline 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 7 South, Range 20 East, SLM
Section 27: W/2NE/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.

Grantee to have the right to select, change or alter the routes of all pipelines and roads herein authorized to be laid under, upon, over and through the above described premises. 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-Six (66') feet for construction and 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.

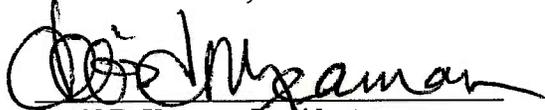
Grantor shall be held harmless from any claim or demand made on the grounds of damage to property or injury to or death of persons, arising out of Grantee's exercise of the rights herein granted.

This agreement shall terminate within six (6) months after cessation of use by Grantee. Following completion of the pipeline, 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.

IN WITNESS WHEREOF, the GRANTOR and GRANTEE herein named have hereunto set their hand and seal this 24 day of November, 2011.

GRANTOR:
Four Star Ranch, Inc.


David R. Yeaman, President

GRANTEE:
Aurora Gathering, LLC


Huntington T. Walker, SVP Land

Entry 2011008844
Book 1257 Page 589-591 \$14.00
09-DEC-11 01:09
RANDY SIMMONS
RECORDER, UINTAH COUNTY, UTAH
ENCORE LAND SERVICES INC
PO BOX 1729 VERNAL, UT 84078
Rec By: TONYA ATWOOD, DEPUTY



Notary Public

ACKNOWLEDGEMENT

STATE OF Colorado)
COUNTY OF Denver) SS

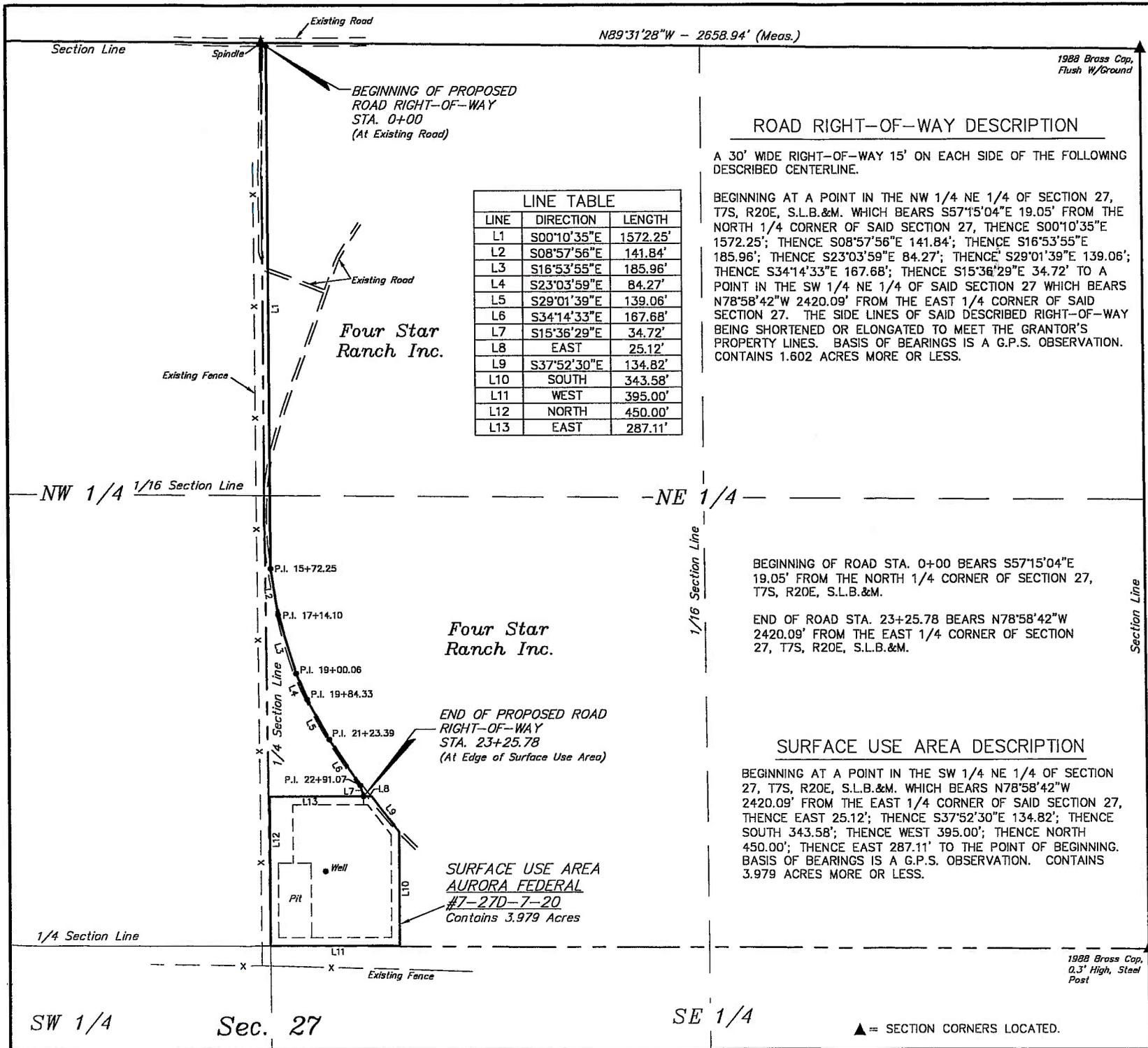
On the 28 day of November 2011, before me the undersigned authority, appeared **Huntington T. Walker**, to me personally known, who, being sworn, did say that they are the SVP Land of Aurora Gathering, LLC, and that the foregoing instrument was signed in behalf of said partnership and Appearer acknowledged to me that said instrument to be the free act and deed of the partnership.

LESLIE CROFT
Notary Public
State of Colorado

My Commission Expires October 6, 2015

Leslie Croft
Notary Public for the State of _____

Residing at Denver, CO



BILL BA
LOCATION
& ROAD I
F
 (For A
 #7

SECTION 27
 UINTA



BAS
 BASIS OF BEA
RIGHT-
 PROPERTY OV
 FOUR STAR RAN

THIS IS TO CERTIFY THAT
 FIELD NOTES OF ACTUAL
 SUPERVISION AND THAT
 THE BEST OF MY KNOWL

REV: 07-27-11
UINTAH E
85 SOUT
 SCALE
 1" = 300'
 PARTY
 B.B. T.A. I
 WEATHER
 COOL

▲ = SECTION CORNERS LOCATED.

PIPELINE RIGHT-OF-WAY AGREEMENT

STATE OF UTAH }
 } SS
COUNTY OF UINTAH }

THAT, effective on this 22nd day of January, 2013,

Smart Style Limousin, LLC, whose address is P. O. Box 148, Wallsburg, Utah 84082

("GRANTOR"), the receipt and sufficiency of which is hereby acknowledged, does hereby grant to **Aurora Gathering, LLC** of **1099 18th Street, #2300, Denver, CO 80202** ("GRANTEE"), its successors or assigns, a right-of-way to construct, maintain and use pipelines along with the right to 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, 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 lands for any purpose necessary or incidental to the operating and maintaining said pipeline or pipelines 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 7 South, Range 20 East, SLM
Section 15: A tract of land lying in the SW/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.

Grantee to have the right to select, change or alter the routes of all pipelines herein authorized to be laid under, upon, over and through the above described premises. Grantor shall not place anything over or so close to any pipeline 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 and facilities herein authorized to be maintained and operated by Grantee. This easement shall not exceed Thirty (30) feet in width for construction and Twenty five (25) feet for the permanent easement. Pipelines and disturbed ground to be reseeded at recommended seeding rates per Grantor once cleanup is completed.

Grantor agrees to perform construction prior to March 1, 2013 and to bury the exposed surface line located in the North Half Quarter in conjunction with laying the new line.

Upon Grantors execution of this Agreement, Grantee shall pay to Grantor **Five Thousand and 00/100 Dollars (\$5,000.00)** for Pipeline Right-of-Way in the above referenced lands.

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.

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 pipeline, Grantee agrees to restore the surface of said land as nearly as is reasonably practical to its original condition.

This agreement is signed by Grantor 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 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.

IN WITNESS WHEREOF, the GRANTOR and GRANTEE herein named have hereunto set their hand and seal this 25 day JAN., 2013.

GRANTOR:
Smart Style Limousin, LLC



Lorin S. Smart, Managing Member

GRANTEE:
Aurora Gathering, LLC

Huntington T. Walker, Senior Vice President Land

BILL BARRETT CORPORATION
AURORA FEDERAL #15-28D-7-20
LOCATED IN UTAH COUNTY, UTAH
SECTION 28, T7S, R20E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: WESTERLY



Since 1964 -

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

LOCATION PHOTOS

03 **11** **11**
MONTH DAY YEAR

PHOTO

TAKEN BY: G.S. DRAWN BY: J.L.G. REV: 07-26-11 Z.L.

T7S, R20E, S.L.B.&M.

BILL BARRETT CORPORATION

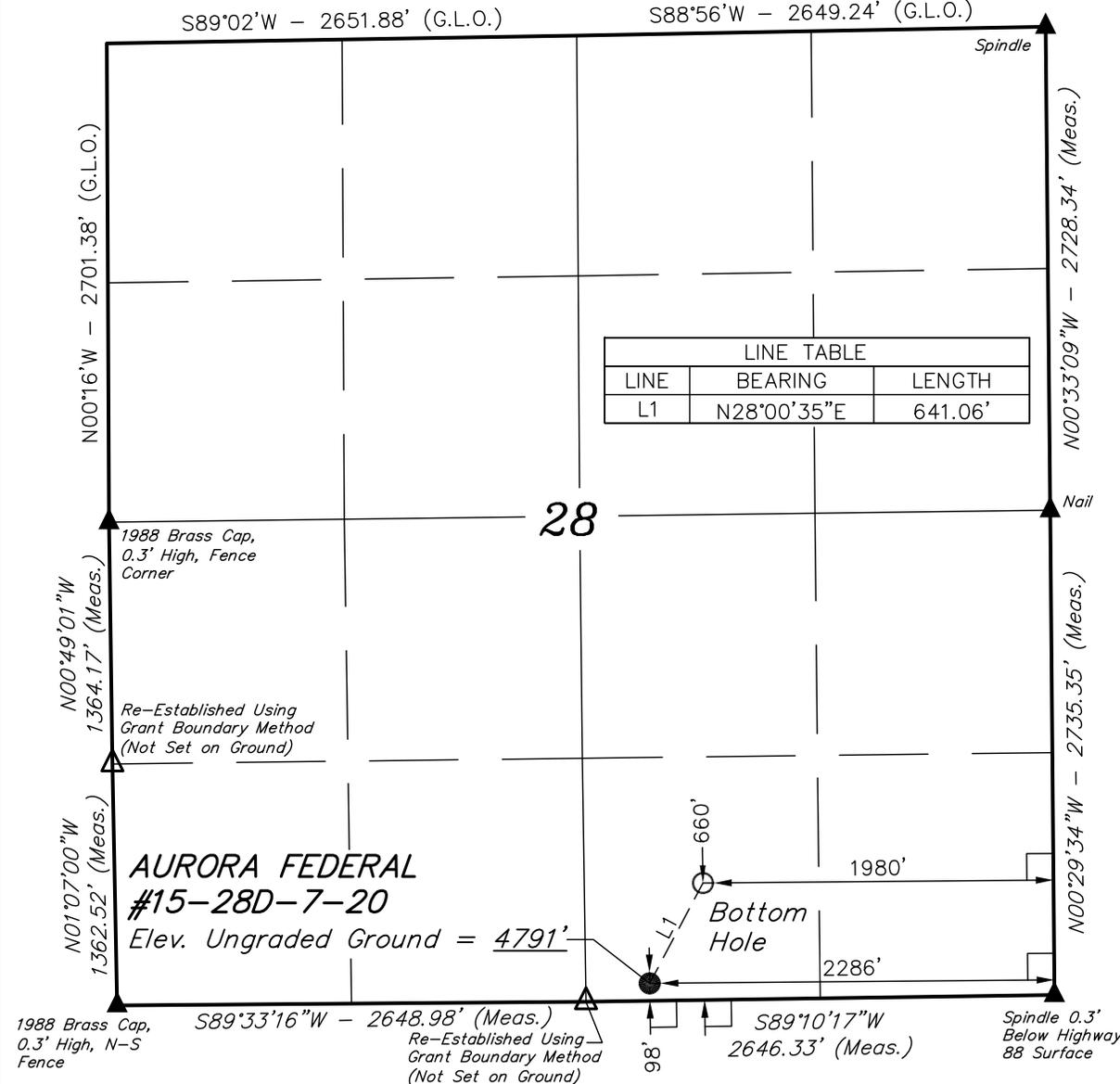
Well location, AURORA FEDERAL #15-28D-7-20, located as shown in the SW 1/4 SE 1/4 of Section 28, T7S, R20E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

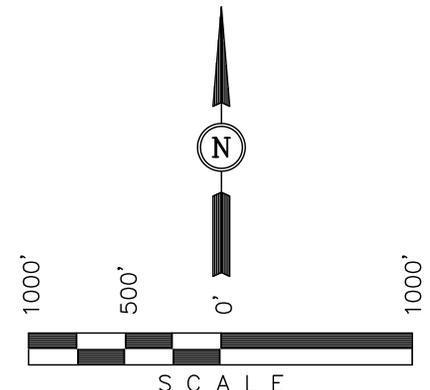
BENCH MARK (38EAM) LOCATED IN THE SW 1/4 OF SECTION 9, T7S, R20E, S.L.B.&M. TAKEN FROM THE PELICAN LAKE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4942 FEET.

BASIS OF BEARINGS

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



LINE TABLE		
LINE	BEARING	LENGTH
L1	N28°00'35"E	641.06'



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.

ROBERT L. KAY
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH
 07-26-11

REVISED: 07-26-11 Z.L.
 REVISED: 05-09-11 S.L.

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

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

NAD 83 (TARGET BOTTOM HOLE)		NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°10'32.60" (40.175722)	LONGITUDE = 109°40'17.79" (109.671608)	LATITUDE = 40°10'27.01" (40.174169)	LONGITUDE = 109°40'21.67" (109.672686)
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°10'32.73" (40.175758)	LONGITUDE = 109°40'15.29" (109.670914)	LATITUDE = 40°10'27.14" (40.174206)	LONGITUDE = 109°40'19.17" (109.671992)

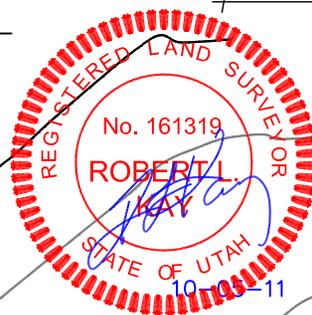
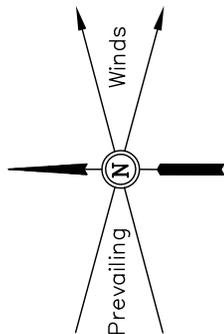
SCALE 1" = 1000'	DATE SURVEYED: 10-27-10	DATE DRAWN: 11-04-10
PARTY B.B. C.I. K.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE BILL BARRETT CORPORATION	

BILL BARRETT CORPORATION

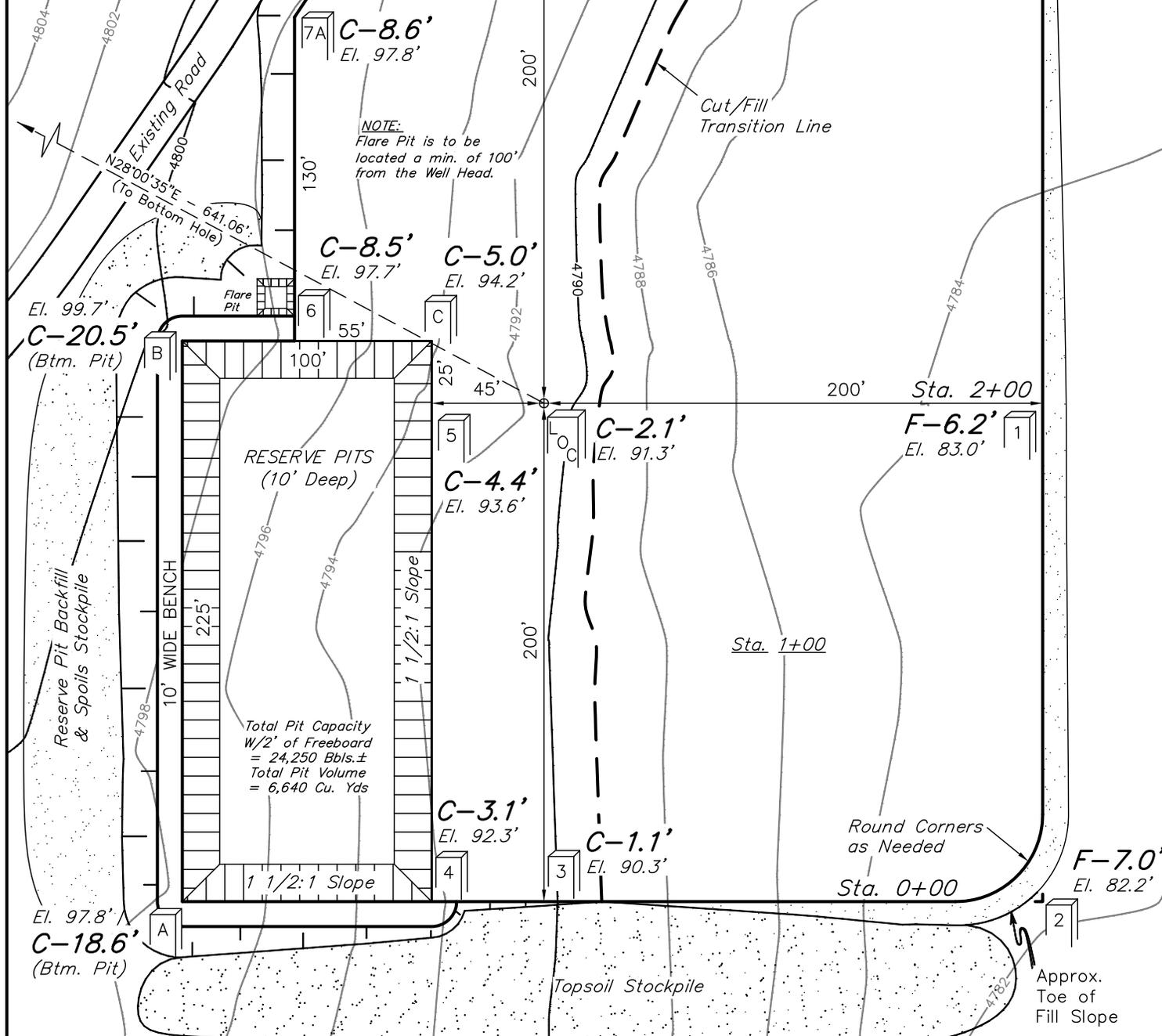
LOCATION LAYOUT FOR

AURORA FEDERAL #15-28D-7-20
SECTION 28, T7S, R20E, S.L.B.&M.

FIGURE #1



SCALE: 1" = 60'
DATE: 03-09-11
DRAWN BY: K.G.
REVISED: 05-09-11 S.L.
REVISED: 07-26-11 Z.L.
REVISED: 10-05-11 Z.L.



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

RESERVE PITS (10' Deep)

Total Pit Capacity
W/2' of Freeboard
= 24,250 Bbls.±
Total Pit Volume
= 6,640 Cu. Yds

Elev. Ungraded Ground At Loc. Stake = 4791.3'
FINISHED GRADE ELEV. AT LOC. STAKE = 4789.2'

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RECEIVED: Mar. 12, 2013

BILL BARRETT CORPORATION

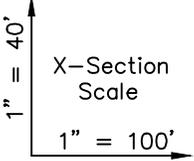
TYPICAL CROSS SECTIONS FOR

AURORA FEDERAL #15-28D-7-20

SECTION 28, T7S, R20E, S.L.B.&M.

98' FSL 2286 FEL

FIGURE #2



DATE: 03-09-11

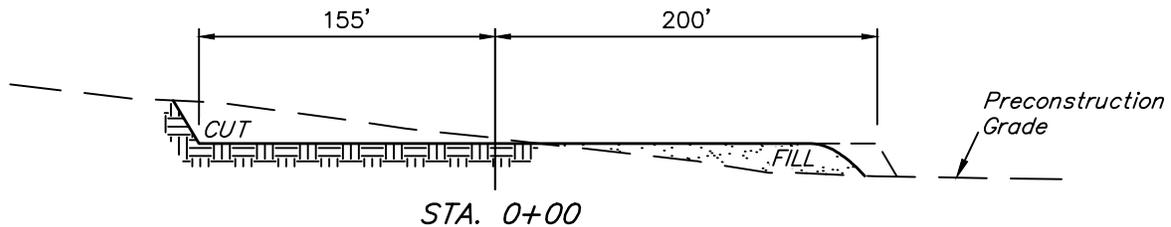
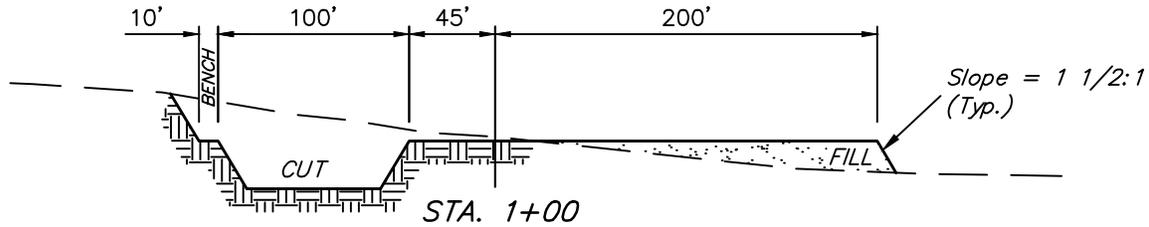
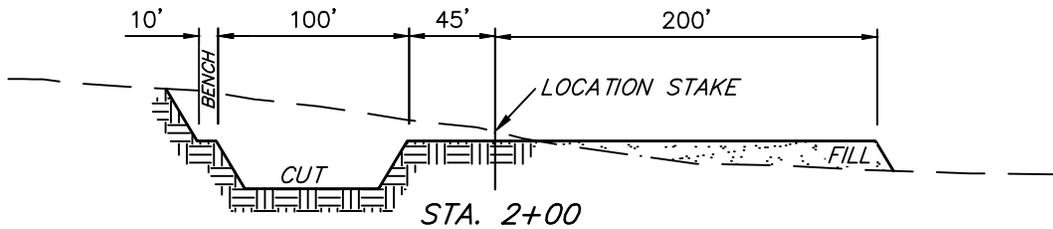
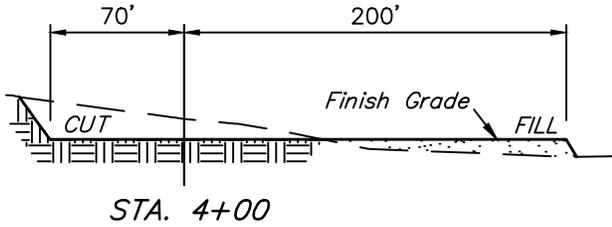
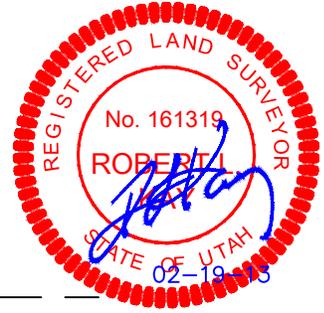
DRAWN BY: K.G.

REVISED: 05-09-11 S.L.

REVISED: 07-26-11 Z.L.

REVISED: 10-05-11 Z.L.

REVISED: 02-18-13 S.F.



NOTE:

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

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ± 4.081 ACRES
ACCESS ROAD DISTURBANCE = ± 0.110 ACRES
PIPELINE DISTURBANCE = ± 14.944 ACRES
TOTAL = ± 19.135 ACRES

* NOTE: FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(12") Topsoil Stripping = 5,620 Cu. Yds.
Remaining Location = 16,650 Cu. Yds.
TOTAL CUT = 22,270 CU.YDS.
FILL = 13,330 CU.YDS.

EXCESS MATERIAL = 8,940 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.) = 8,940 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation) = 0 Cu. Yds.

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BILL BARRETT CORPORATION

TYPICAL RIG LAYOUT FOR

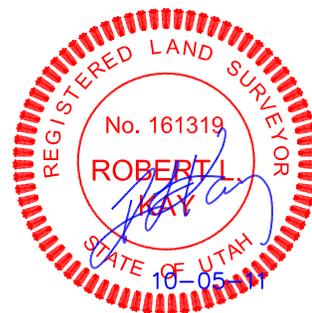
AURORA FEDERAL #15-28D-7-20
SECTION 28, T7S, R20E, S.L.B.&M.

98' FSL 2286 FEL

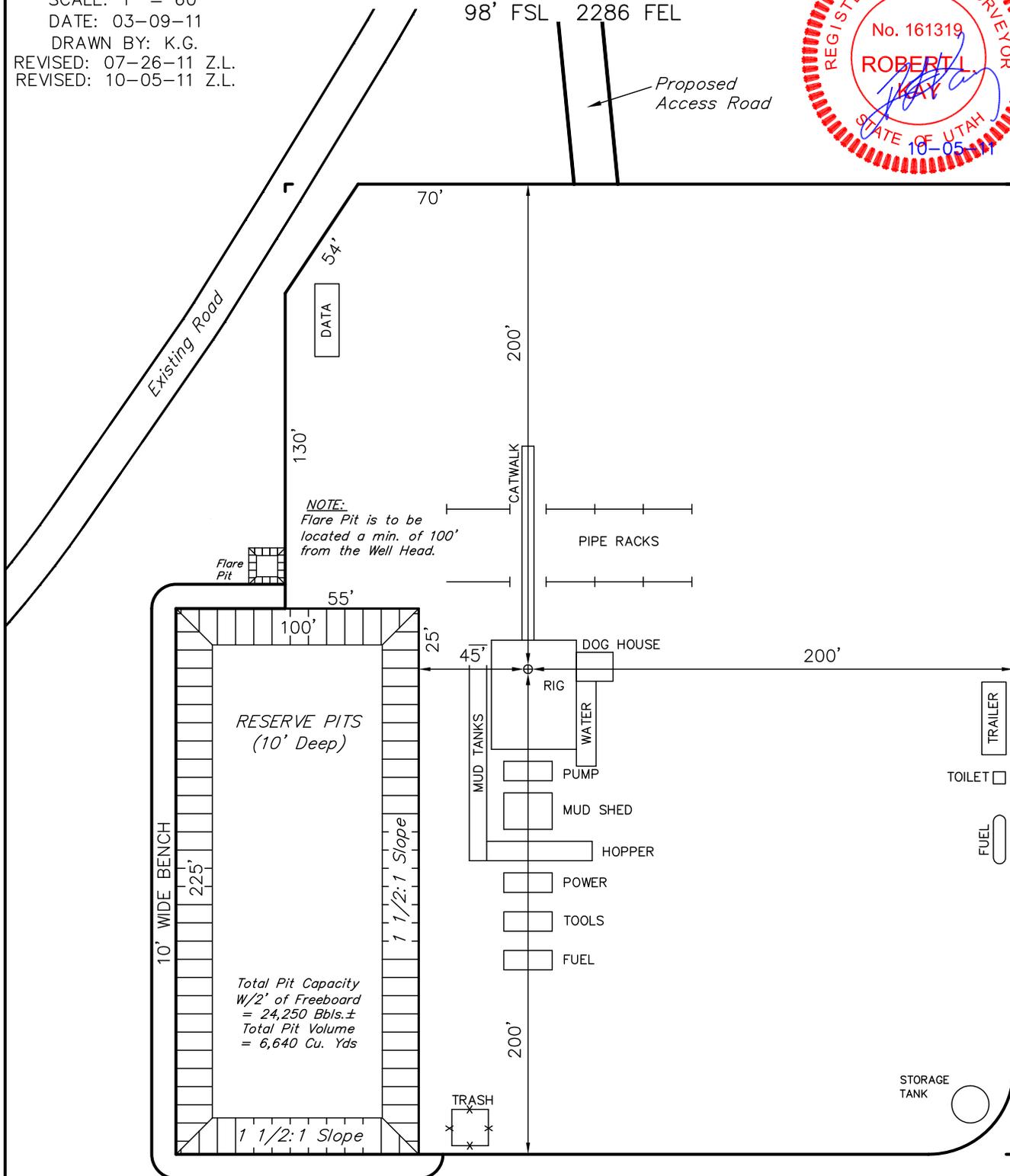
FIGURE #3



SCALE: 1" = 60'
DATE: 03-09-11
DRAWN BY: K.G.
REVISED: 07-26-11 Z.L.
REVISED: 10-05-11 Z.L.



Proposed Access Road



BILL BARRETT CORPORATION

INTERIM RECLAMATION PLAN FOR

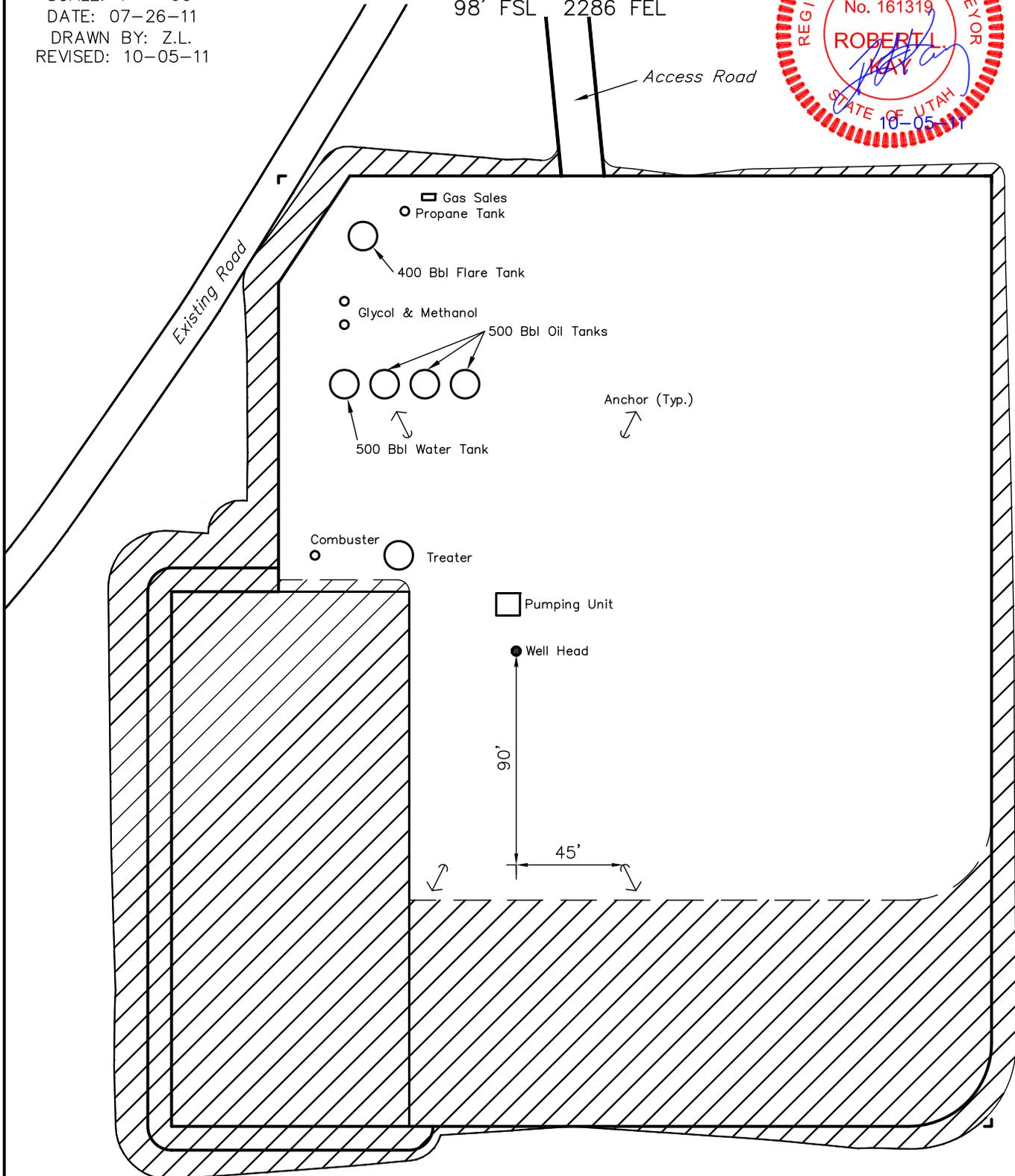
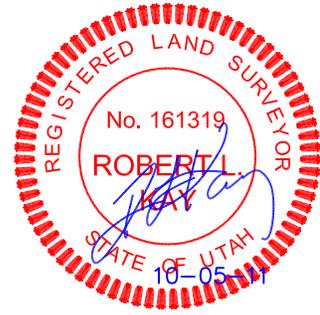
AURORA FEDERAL #15-28D-7-20
SECTION 28, T7S, R20E, S.L.B.&M.

98' FSL 2286 FEL

FIGURE #4



SCALE: 1" = 60'
DATE: 07-26-11
DRAWN BY: Z.L.
REVISED: 10-05-11



APPROXIMATE ACREAGES
UN-RECLAIMED = ± 1.914 ACRES

INTERIM RECLAMATION

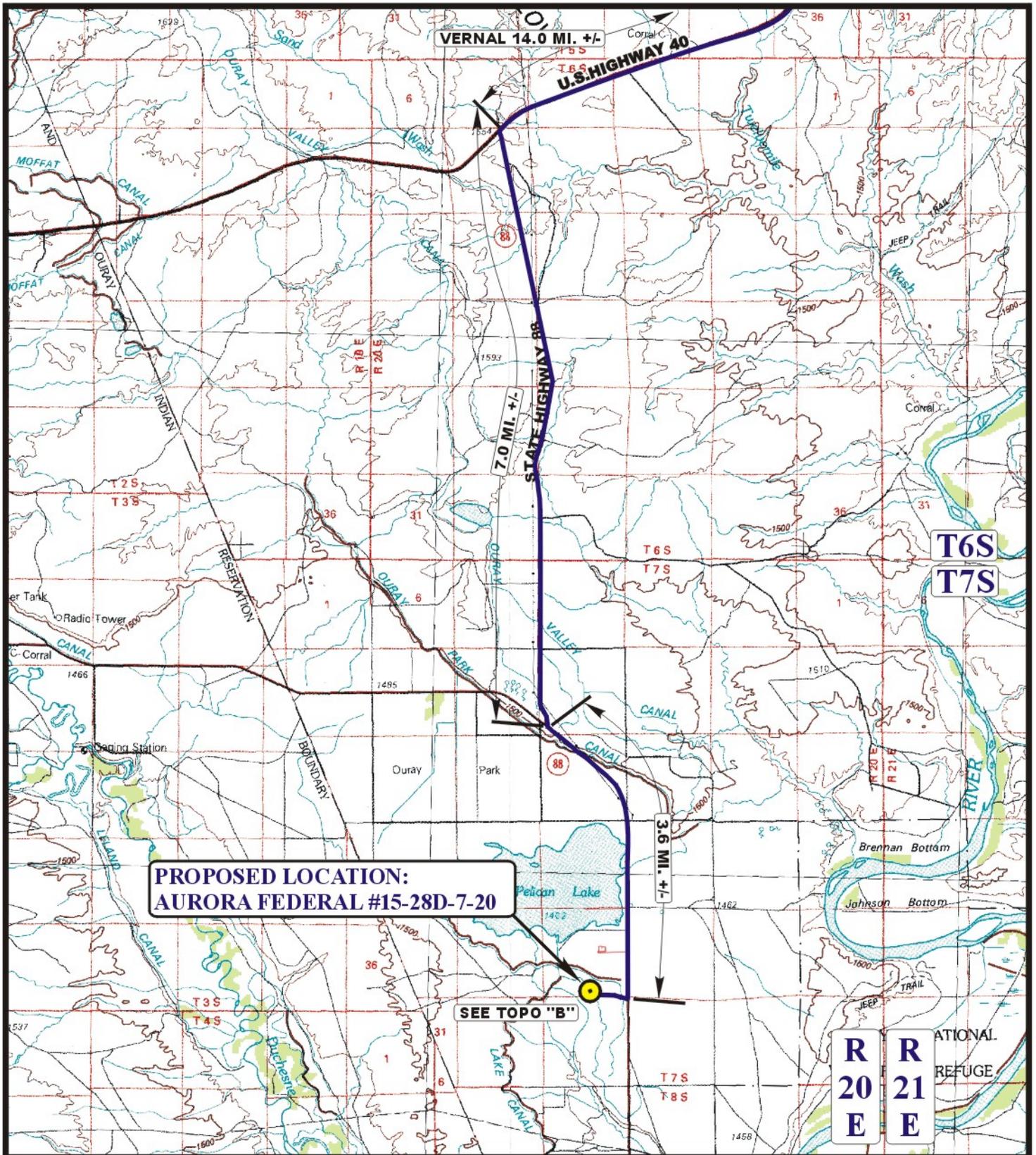
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85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RECEIVED: Mar. 12, 2013

BILL BARRETT CORPORATION
AURORA FEDERAL #15-28D-7-20
SECTION 28, T7S, R20E, 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 SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTERLY DIRECTION APPROXIMATELY 3.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY DIRECTION APPROXIMATELY 185' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 25.0 MILES.



LEGEND:

 PROPOSED LOCATION



BILL BARRETT CORPORATION

**AURORA FEDERAL #15-28D-7-20
SECTION 28, T7S, R20E, S.L.B.&M.
98' FSL 2286' FEL**



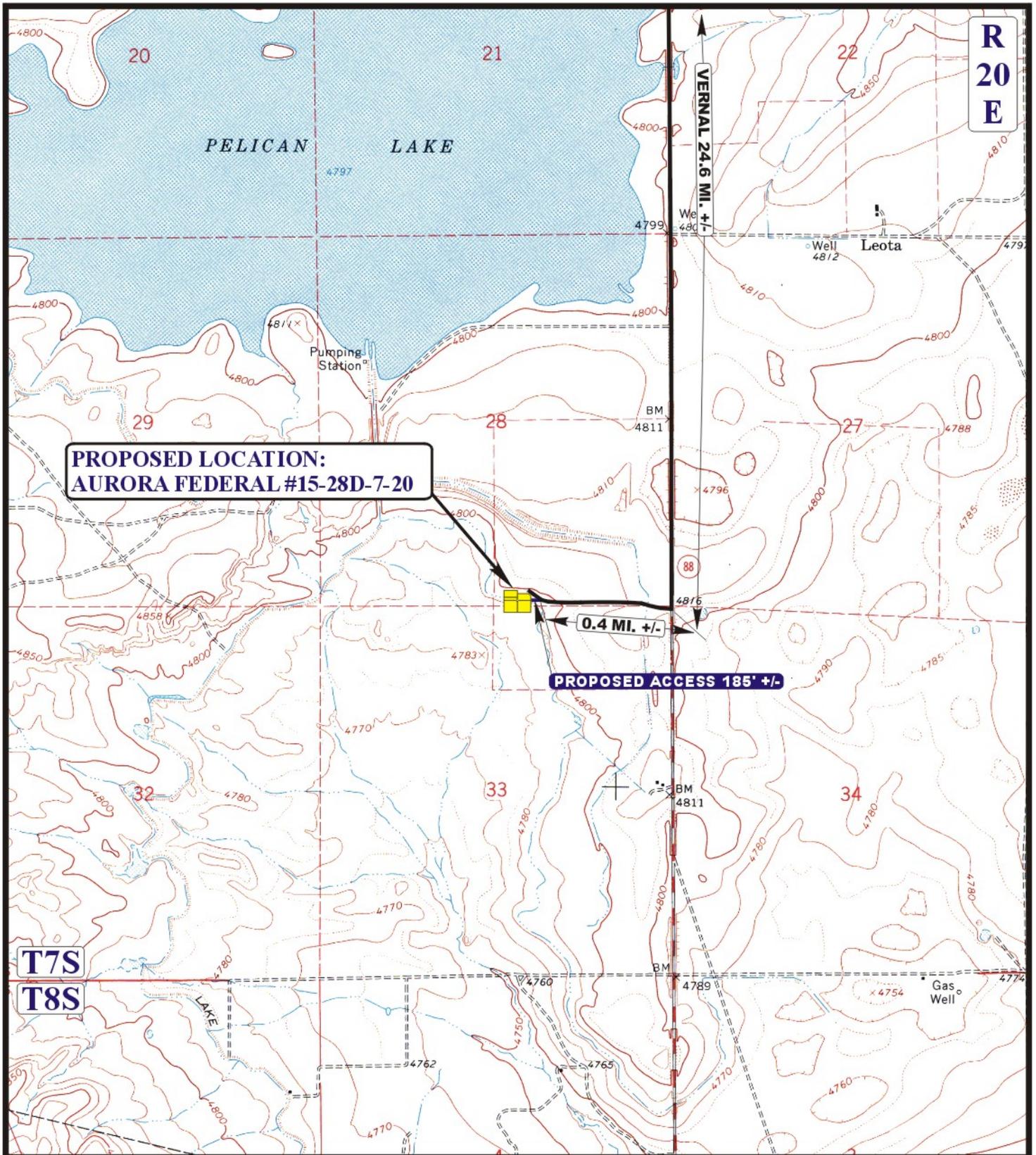
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
MAP**

03 11 11
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: J.L.G. REV: 07-26-11 Z.L.





**PROPOSED LOCATION:
AURORA FEDERAL #15-28D-7-20**

0.4 MI. +/-
PROPOSED ACCESS 185' +/-

LEGEND:

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD
-  EXISTING FENCE

BILL BARRETT CORPORATION

**AURORA FEDERAL #15-28D-7-20
SECTION 28, T7S, R20E, S.L.B.&M.
98' FSL 2286' FEL**



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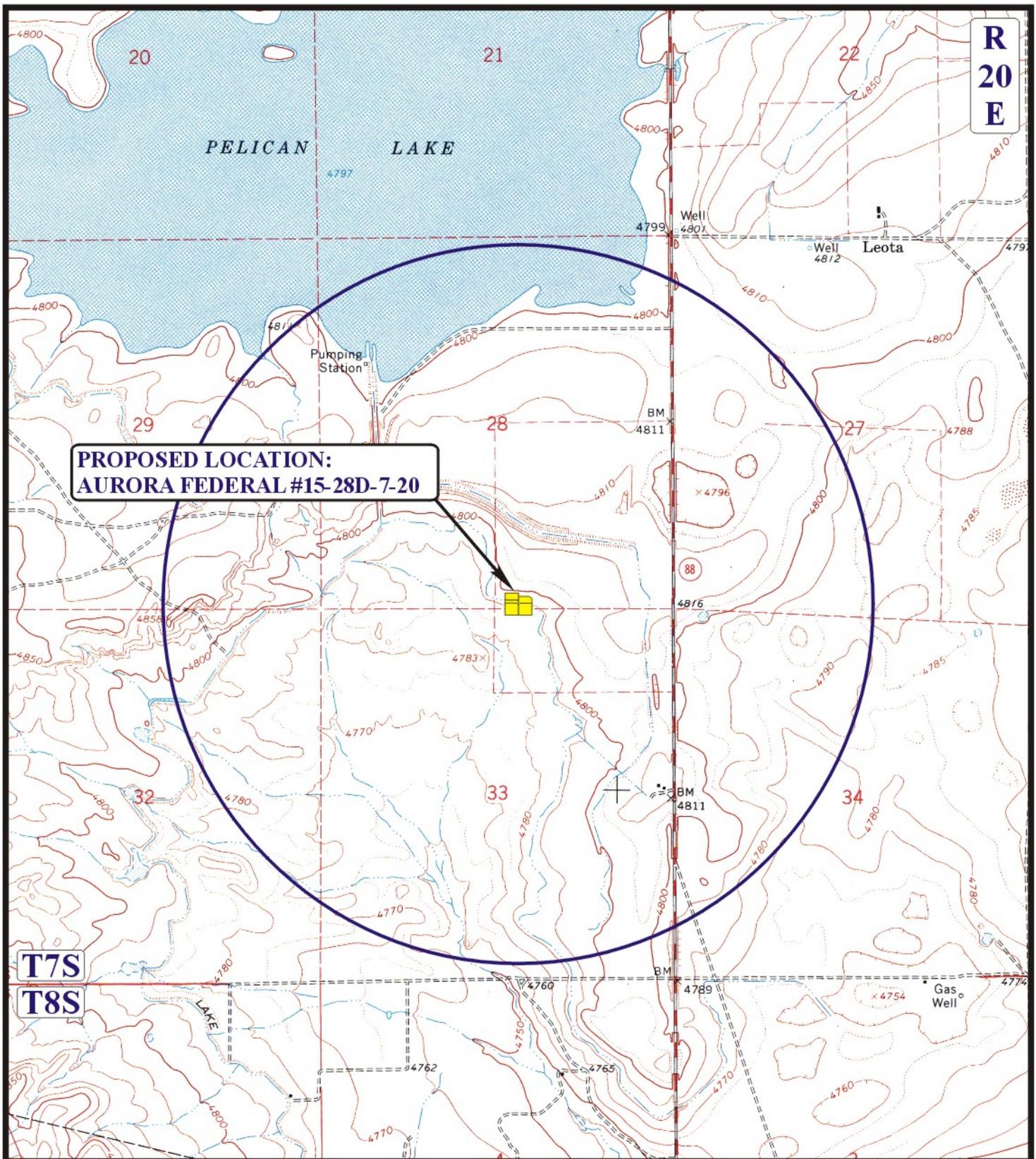


**TOPOGRAPHIC
MAP**

03 11 11
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: J.L.G. REV: 07-26-11 Z.L.





**PROPOSED LOCATION:
AURORA FEDERAL #15-28D-7-20**

LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

BILL BARRETT CORPORATION

**AURORA FEDERAL #15-28D-7-20
SECTION 28, T7S, R20E, S.L.B.&M.
98' FSL 2286' FEL**



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

**TOPOGRAPHIC
MAP**

03 11 11
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: J.L.G. REV: 07-26-11 Z.L.



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU80689
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
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.		7. UNIT or CA AGREEMENT NAME: AURORA (DEEP)
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: AURORA FEDERAL 15-28D-7-20
2. NAME OF OPERATOR: BILL BARRETT CORP		9. API NUMBER: 43047520060000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0098 FSL 2286 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 28 Township: 07.0S Range: 20.0E 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: 4/10/2013 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
This well had first gas sales on 4/10/13		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 15, 2013		
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A		DATE 4/15/2013

4304751285,
4304752006,
4304752005,

4304751509,
4304752129,
4304752394



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
440 West 200 South, Suite 500
Salt Lake City, UT 84101
<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO:
3180 (UTU82456X)
UT922000

April 19, 2013

RECEIVED
JUN 14 2013
Div. of Oil, Gas & Mining

Mr. Thomas Abell
Bill Barrett Corporation
1099 18th Street, Suite 2300
Denver, Colorado 80202

Re: Initial Green River-Wasatch
Participating Areas
"C" "D" "E" "F" "G" and "H"
Aurora (Deep) Unit
Uintah County, Utah

Dear Mr. Abell:

The Initial Green River-Wasatch Participating Area "C", Aurora (Deep) Unit, UTU82456E, is hereby approved effective as of February 24, 2011, pursuant to Section 11 of the Aurora (Deep) Unit Agreement, Uintah County, Utah.

The Initial Green River-Wasatch Participating Area "C" contains 151.15 acres and is based on the completion of Unit Well No. Four Star 7-32-7-20, API No. 43-047-51285, located in the NE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 7, Township 7 South, Range 20 East, SLB&M, Unit Tract No. 24, Fee Lease, as a well capable of producing unitized substances in paying quantities.

The Initial Green River-Wasatch Participating Area "D", Aurora (Deep) Unit, UTU82456F, is hereby approved effective as of April 16, 2012, pursuant to Section 11 of the Aurora (Deep) Unit Agreement, Uintah County, Utah.

The Initial Green River-Wasatch Participating Area "D" contains 160.00 acres and is based on the completion of Unit Well No. Aurora 15-28D-7-20, API No. 43-047-52006, located in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 28, Township 7 South, Range 20 East, SLB&M, Unit Tract No. 16, Lease No. UTU80689, as a well capable of producing unitized substances in paying quantities.

The Initial Green River-Wasatch Participating Area "E", Aurora (Deep) Unit, UTU82456G, is hereby approved effective as of May 5, 2012, pursuant to Section 11 of the Aurora (Deep) Unit Agreement, Uintah County, Utah.

The Initial Green River-Wasatch Participating Area "E" contains 160.00 acres and is based on the completion of Unit Well No. Aurora 3-20D-7-20, API No. 43-047-52005, located in the NE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 20, Township 7 South, Range 20 East, SLB&M, Unit Tract No. 8, Lease No. UTU75093, as a well capable of producing unitized substances in paying quantities.

Please be advised that the Unit Well No. Wall 13-17 API No. 43-047-36668, located in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 17, Township 7 South, Range 20 East, SLB&M, was recompleted in the Green River-Wasatch Formation on July 18, 2012, and determined to be a well capable of producing unitized substances in paying quantities by our office on April 1, 2013. The first revision of the Green River-Wasatch Participating Area "E", when submitted by your office, will be effective July 1, 2012.

The Initial Green River-Wasatch Participating Area "F", Aurora (Deep) Unit, UTU82456H, is hereby approved effective as of August 24, 2012, pursuant to Section 11 of the Aurora (Deep) Unit Agreement, Uintah County, Utah.

The Initial Green River-Wasatch Participating Area "F" contains 160.00 acres and is based on the completion of Unit Well No. Aurora 15-8-7-20, API No. 43-047-51509, located in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 8, Township 7 South, Range 20 East, SLB&M, Unit Tract No. 25, Fee Lease, as a well capable of producing unitized substances in paying quantities.

The Initial Green River-Wasatch Participating Area "G", Aurora (Deep) Unit, UTU82456I, is hereby approved effective as of October 31, 2012, pursuant to Section 11 of the Aurora (Deep) Unit Agreement, Uintah County, Utah.

The Initial Green River-Wasatch Participating Area "G" contains 160.00 acres and is based on the completion of Unit Well No. Aurora 3-16D-7-20, API No. 43-047-⁵²¹²⁹~~51129~~, located in the SE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 16, Township 7 South, Range 20 East, SLB&M, Unit Tract No. 32, Fee Lease, as a well capable of producing unitized substances in paying quantities.

The Initial Green River-Wasatch Participating Area "H", Aurora (Deep) Unit, UTU82456J, is hereby approved effective as of November 12, 2012, pursuant to Section 11 of the Aurora (Deep) Unit Agreement, Uintah County, Utah.

The Initial Green River-Wasatch Participating Area "H" contains 160.00 acres and is based on the completion of Unit Well No. Aurora 9-1D-7-20¹⁹, API No. 43-047-52394, located in the NE¼SE¼ of Section 1, Township 7 South, Range 20¹⁹ East, SLB&M, Unit Tract No. 20, Fee Lease, as a well capable of producing unitized substances in paying quantities.

Copies of the approved requests are being distributed to the appropriate regulatory agencies and one copy is returned herewith. Please advise all interested parties of the approval of the Initial Green River-Wasatch Participating Areas "C" "D" "E" "F" "G" and "H", Aurora (Deep) Unit and their effective dates.

If you have any questions, please contact Judy Nordstrom at (801) 539-4108.

Sincerely,

/s/ Roger L. Bankert

Roger L. Bankert
Chief, Branch of Minerals

Enclosure

cc: ONRR w/Exhibit "B" (Attn: Nancy McCarty)
BLM FOM - Vernal w/enclosure

bcc: Unit file – Aurora (Deep) Unit w/enclosure
Fluids – Mickey
Fluids - Becky
Fluids - Judy
Agr. Sec. Chron.
Reading File
Central Files

JNordstrom:4/18/2013