


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 FD 3-31-2-2					
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT WILDCAT					
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME					
6. NAME OF OPERATOR BILL BARRETT CORP						7. OPERATOR PHONE 303 312-8164					
8. ADDRESS OF OPERATOR 1099 18th Street Ste 2300, Denver, CO, 80202						9. OPERATOR E-MAIL BHilgers@billbarrettcorp.com					
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) Fee			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>					
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Nial L. Richens						14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-545-2535					
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') PO Box 722, Fort Duchesne, UT 84026						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')					
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>					
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN			
LOCATION AT SURFACE		835 FNL 1905 FWL		NENW	31	2.0 S	2.0 E	U			
Top of Uppermost Producing Zone		835 FNL 1905 FWL		NENW	31	2.0 S	2.0 E	U			
At Total Depth		835 FNL 1905 FWL		NENW	31	2.0 S	2.0 E	U			
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 835			23. NUMBER OF ACRES IN DRILLING UNIT 40					
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1300			26. PROPOSED DEPTH MD: 10140 TVD: 10140					
27. ELEVATION - GROUND LEVEL 5010			28. BOND NUMBER LPM4138148			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 49-2336					
Hole, Casing, and Cement Information											
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement		Sacks	Yield	Weight
COND	26	16	0 - 80	65.0	Unknown	8.8	No Used		0	0.0	0.0
SURF	12.25	9.625	0 - 1500	36.0	J-55 ST&C	8.8	Halliburton Light , Type Unknown		190	3.16	11.0
							Halliburton Premium , Type Unknown		210	1.36	14.8
PROD	8.75	5.5	0 - 10140	17.0	P-110 LT&C	9.5	Unknown		1130	2.31	11.0
							Unknown		620	1.42	13.5
ATTACHMENTS											
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES											
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN						
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER						
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP						
NAME Venessa Langmacher			TITLE Senior Permit Analyst			PHONE 303 312-8172					
SIGNATURE			DATE 05/24/2012			EMAIL vlangmacher@billbarrettcorp.com					
API NUMBER ASSIGNED 43047527640000			APPROVAL			 Permit Manager					

BILL BARRETT CORPORATION
DRILLING PLAN

FD 3-31-2-2

NE NW, 835' FNL and 1905' FWL, Section 31, T2S-R2E, USB&M
Uintah County, Utah

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

<u>Formation</u>	<u>Depth – MD</u>	<u>Depth - TVD</u>
Lower Green River*	7,525'	7,525'
Douglas Creek	7,545'	7,545'
Black Shale	8,340'	8,340'
Castle Peak	8,355'	8,355'
Wasatch*	9,520'	9,520'
TD	10,140'	10,140'

*PROSPECTIVE PAY

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

Base of Useable Water = 4,535'

3. BOP and Pressure Containment Data

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 1,500'	No pressure control required (may pre-set 9-5/8" will smaller rig)
1,500' – TD	11" 5000# Ram Type BOP 11" 5000# Annular BOP
- Drilling spool to accommodate choke and kill lines;	
- Ancillary equipment and choke manifold rated at 5,000 psi. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2;	
- The State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests.	
- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up To operate most efficiently in this manner.	

4. Casing Program

<u>Hole Size</u>	<u>SETTING DEPTH</u>		<u>Casing Size</u>	<u>Casing Weight</u>	<u>Casing Grade</u>	<u>Thread</u>	<u>Condition</u>
	<u>(FROM)</u>	<u>(TO)</u>					
26"	Surface	80'	16"	65#			
12 1/4"	Surface	1,500'	9 5/8"	36#	J or K 55	ST&C	New
8 3/4"	Surface	TD	5 1/2"	17#	P-110	LT&C	New

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

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

- Properly lubricated and maintained rotating head
- Spark arresters on engines or water cooled exhaust

Bill Barrett Corporation
 Drilling Program
 FD 3-31-2-2
 Uintah County, Utah

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

5. Cementing Program

16" Conductor Casing	Grout
9 5/8" Surface Casing (may pre-set with spudder rig)	Lead: 190 sx Halliburton Light Premium with additives mixed at 11.0 ppg (yield = 3.16 ft ³ /sx) circulated to surface with 75% excess. TOC @ Surface Tail: 210 sx Halliburton Premium Plus cement with additives mixed at 14.8 ppg (yield = 1.36 ft ³ /sx), calculated hole volume with 75% excess. TOC @ 1,000'
5 1/2" Production Casing	Lead: 1130 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft ³ /sx). TOC @ 1,000' Tail: 620 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft ³ /sx). Top of cement to be determined by log and sample evaluation; estimated TOC @ 7,840'

6. Mud Program

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u> <u>(API filtrate)</u>	<u>Remarks</u>
0' – 1,500'	Air/Mist/Mud 8.3 – 8.7	26 – 36	NC	Air/Mist/Freshwater Spud Mud Fluid System
1,500' - 5,500'	9.2 – 9.4	26 – 36	NC	Freshwater Mud Fluid System
5,500' – TD	9.4 – 9.5	42-58	25 cc or less	DAP Fluid System
Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.				

7. Testing, Logging and Core Programs

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

Bill Barrett Corporation
Drilling Program
FD 3-31-2-2
Uintah County, Utah

8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 5009 psi* and maximum anticipated surface pressure equals approximately 2778 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

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

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

9. Auxiliary Equipment

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

10. Location and Type of Water Supply

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

11. Drilling Schedule

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

BILL BARRETT CORPORATION

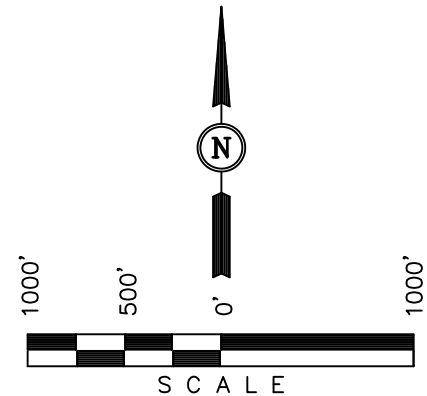
Well location, FD #3-31-2-2, located as shown in the NE 1/4 NW 1/4 of Section 31, T2S, R2E, U.S.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

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

BASIS OF BEARINGS

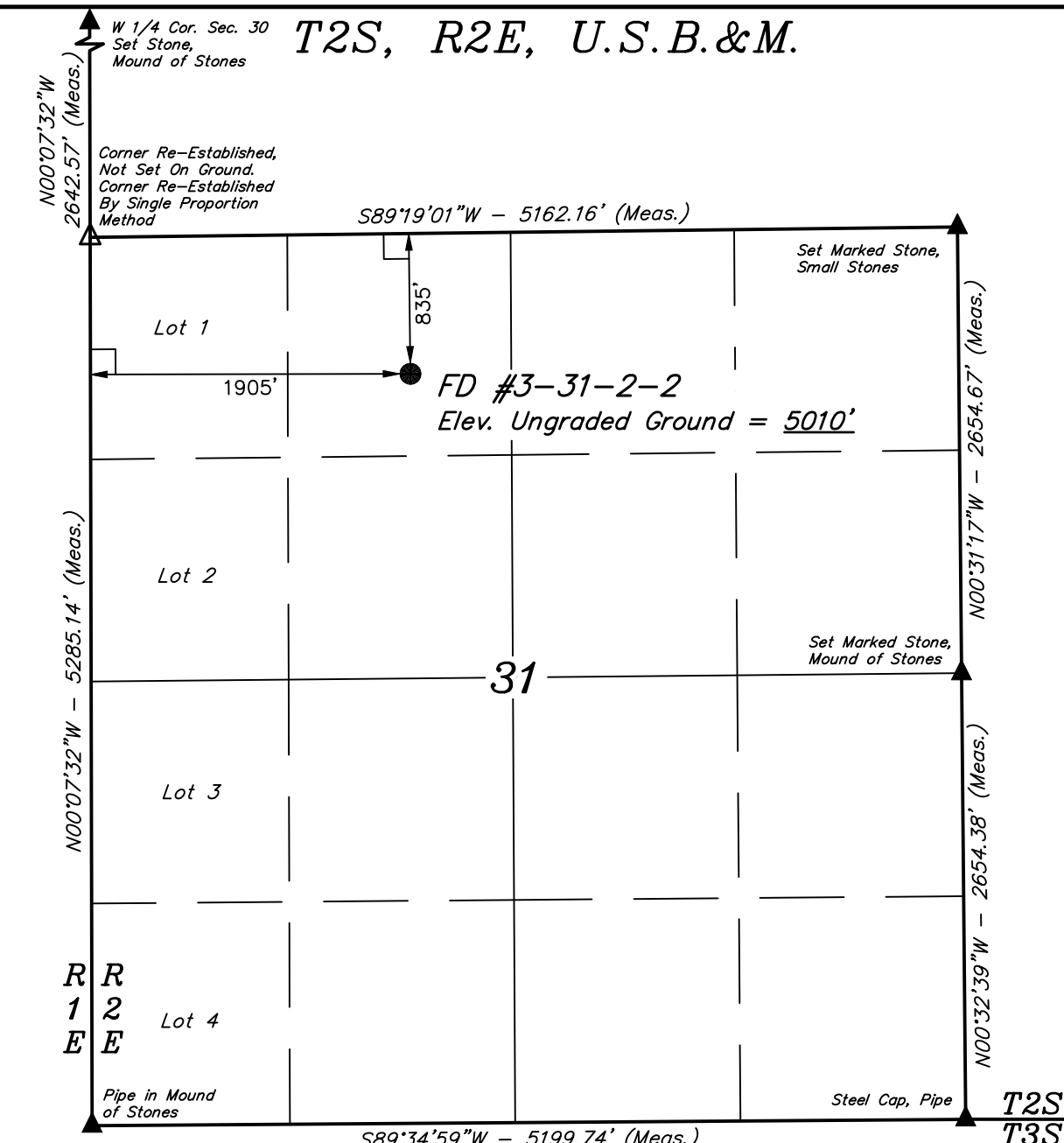
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

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

[Signature]
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH
 92-06-11



LEGEND:

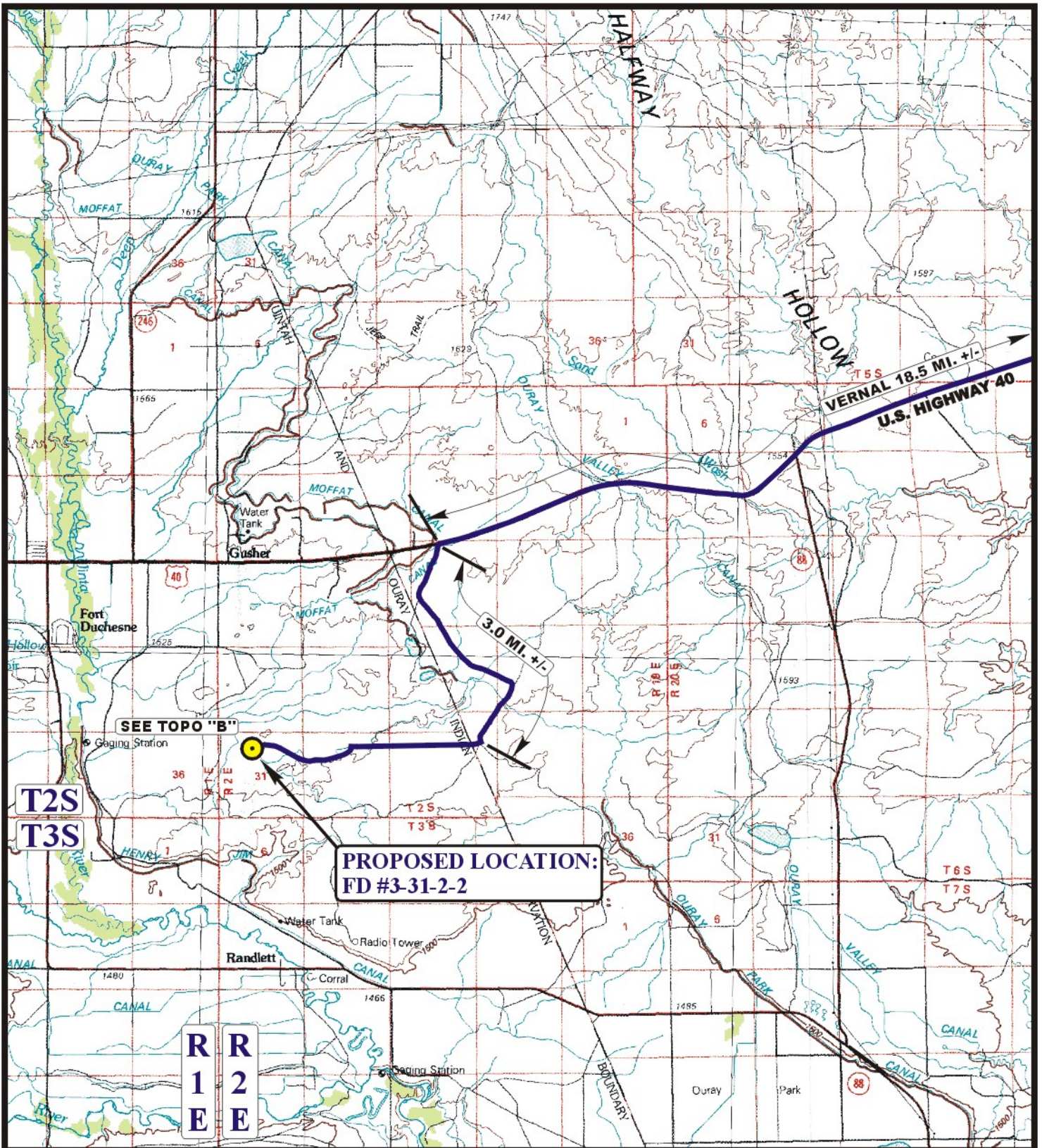
- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground.)

(NAD 83)
 LATITUDE = 40°16'14.51" (40.270697)
 LONGITUDE = 109°48'52.27" (109.814519)
 (NAD 27)
 LATITUDE = 40°16'14.65" (40.270736)
 LONGITUDE = 109°48'49.75" (109.813819)

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

SCALE 1" = 1000'	DATE SURVEYED: 10-05-11	DATE DRAWN: 11-21-11
PARTY C.R. S.R. C.C.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE BILL BARRETT CORPORATION	

RECEIVED: May 24, 2012



LEGEND:

 PROPOSED LOCATION



BILL BARRETT CORPORATION

FD #3-31-2-2
SECTION 31, T2S, R2E, U.S.B.&M.
835' FNL 1905' FWL



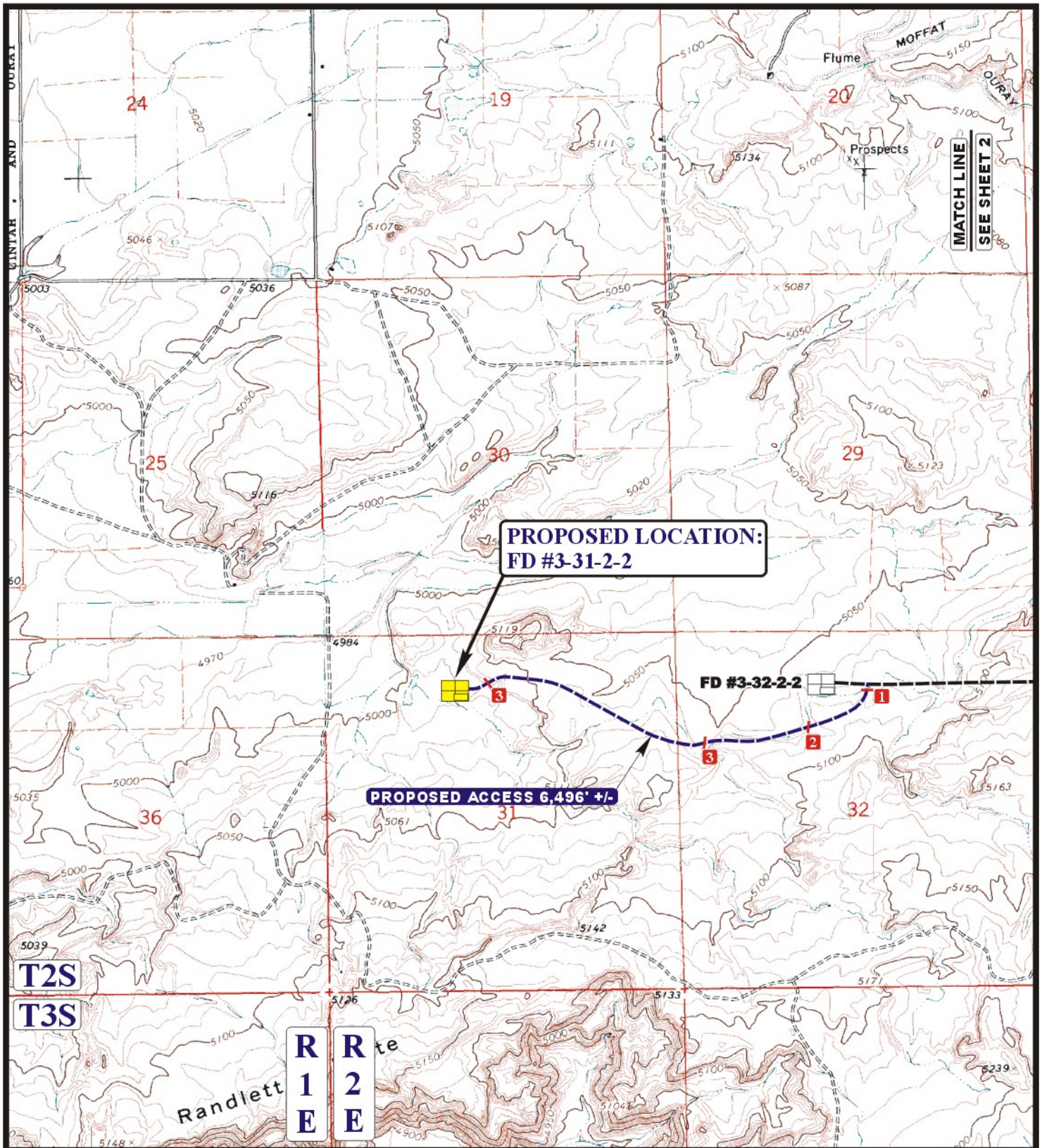
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

ACCESS ROAD
MAP

11	18	11
MONTH	DAY	YEAR

SCALE: 1:100,000 DRAWN BY: J.L.G. REVISED: 00-00-00





LEGEND:

- EXISTING ROAD
- EXISTING ROAD (UPGRAD AS NEEDED)
- PROPOSED ACCESS ROAD
- 18" CMP REQUIRED
- LOW WATER CROSSING
- CATTLE GUARD REQUIRED



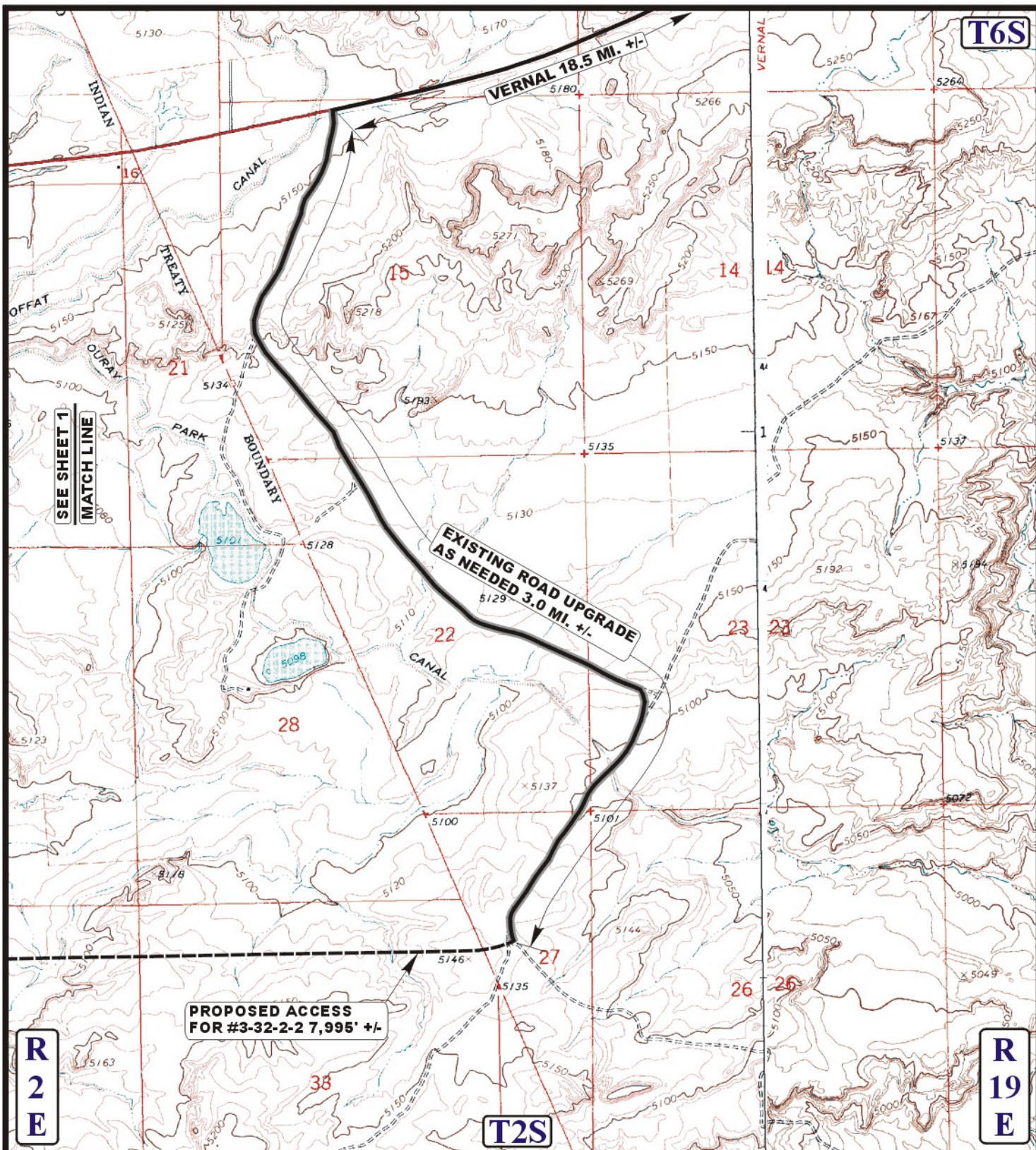
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BILL BARRETT CORPORATION

FD #3-31-2-2
SECTION 31, T2S, R2E, U.S.B.&M.
835' FNL 1905' FWL

ACCESS ROAD		11	18	11	B1
MAP		MONTH	DAY	YEAR	
SCALE: 1" = 2000'		DRAWN BY: J.L.G.		REVISED: 00-00-00	
TOPO					



LEGEND:

- EXISTING ROAD
- EXISTING ROAD (UPGRAD AS NEEDED)
- PROPOSED ACCESS ROAD
- 18" CMP REQUIRED
- CATTLE GUARD REQUIRED
- LOW WATER CROSSING

BILL BARRETT CORPORATION

FD #3-31-2-2
SECTION 31, T2S, R2E, U.S.B.&M.
835' FNL 1905' FWL



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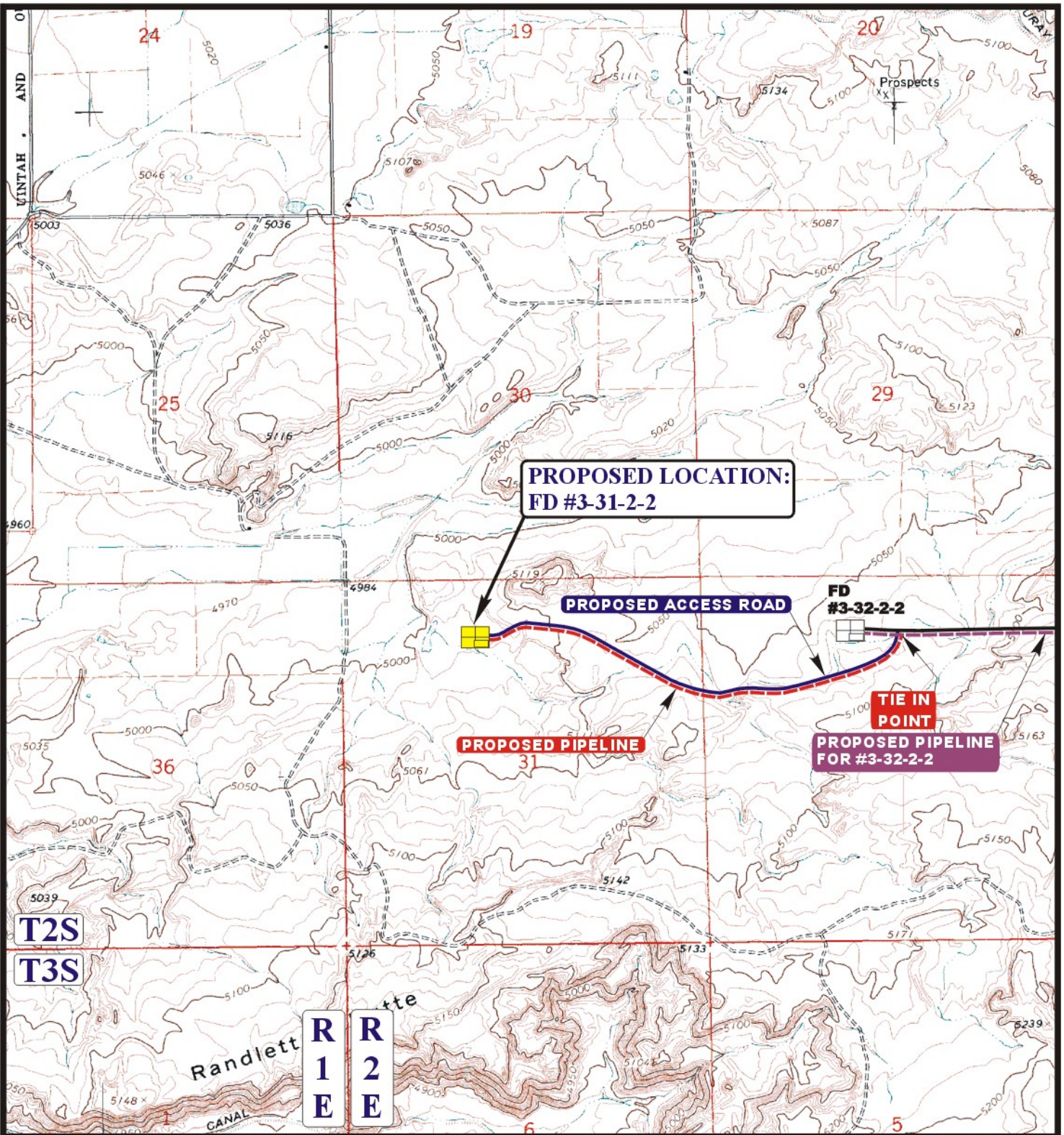


ACCESS ROAD
MAP

11	18	11
MONTH	DAY	YEAR

B2
TOPO

SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 00-00-00



APPROXIMATE TOTAL PIPELINE DISTANCE = 6,511' +/-

LEGEND:

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



BILL BARRETT CORPORATION

FD #3-31-2-2
SECTION 31, T2S, R2E, U.S.B.&M.
835' FNL 1905' FWL



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

TOPOGRAPHIC
MAP

11	18	11
MONTH	DAY	YEAR

SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 00-00-00



SURFACE USE AGREEMENT
(FD 3-31-2-2)

THIS AGREEMENT Dated April 16, 2012 by and between _____

Nial L. Richens

whose address is P.O. Box 722, Ft. Duchesne, UT 84026
(435-545-2535 phone)

_____ , hereinafter referred to as "Surface Owner", and

Bill Barrett Corporation

_____ , whose address is 1099 18th Street, #2300, Denver, CO 80202
hereinafter referred to as "Operator".

WITNESSETH:

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

A Tract of land lying in the **NENW of Section 31, Township 2 South, Range 2 East, USM** as further described on Exhibit "A" attached hereto and made a part hereof.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ADDITIONAL PROVISIONS:

12. Upon Surface Owner's execution of this Agreement, Operator shall pay Surface Owner the Twenty Thousand Dollars (\$20,000.00) payment for damages for the wellsite and access provided in paragraph 1.a. above.

SURFACE OWNER:

Nial L. Richens
By: **Nial L. Richens**

SS/Tax ID# 528-22-4652

STATE of Utah

ACKNOWLEDGEMENT

COUNTY of Uintah

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this 17th day of April, 2012, personally appeared **Nial L. Richens**

_____ , to me known to be the identical person(s) _____, described in and who executed the within and foregoing instrument of writing and acknowledged to me that they duly executed same as their 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: 11-25-2014

Terra M. Miller
Notary Public:



PIPELINE RIGHT-OF-WAY AGREEMENT

STATE OF UTAH }
 } SS
COUNTY OF UINTAH }

THAT, effective on this 17th day of April, 2012, for and in consideration of Ten & 00/100ths dollars (\$10.00) and other good and valuable consideration, in hand paid to

Nial L. Richens whose address is PO Box 722, Ft. Duchesne, Utah 84026-0722

("GRANTOR'S"), 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 pipelines 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 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 2 South, Range 2 East, USM

Section 30: A tract of land lying in the N/2SW/4

Section 31: A tract of land lying in the NE/4NW/4, N/2NE/4, SE/4NE/4

Section 32: A tract of land lying in the NE/4NE/4

Section 33: A tract of land lying in the N/2N/2

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's 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's 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's 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, at which time 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's 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:

Aurora Gathering, LLC


Nial L. Richens

Huntington T. Walker,
Senior Vice-President Land

ACKNOWLEDGEMENT

STATE OF Utah }
COUNTY OF Uintah } :SS

BEFORE me, the undersigned, a Notary Public in and for said County and State, on this 17 day of April, 2012, personally appeared **Nial L. Richens** known to be the identical person(s) who executed the within and foregoing instrument, and acknowledged to me that they executed the same as a free and voluntary act and deed, for the uses and purposes therein set forth. Given under my hand and seal the day and year last above written.

Terra M. Miller
Notary Public



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 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 _____

RIGHT-OF-WAY AGREEMENT

STATE OF UTAH }
 } SS
COUNTY OF UINTAH }

Nial L. Richens, whose address is: P O Box 722, Ft. Duchesne, UT 84026

("GRANTOR'S"), 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 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's in **Uintah** County, State of Utah, to-wit:

Township 2 South, Range 2 East, USM

- Section 30: A tract of land lying in the N/2SW/4, W/2NW/4**
- Section 31: A tract of land lying in the NE/4NW/4, N/2NE/4, SE/4NE/4**
- Section 32: A tract of land lying in the NE/4NE/4**
- Section 33: A tract of land lying in the N/2N/2**

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.

Grantor shall not place anything over or so close to any 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 said road. Grantee to pay for all damage to growing crops, drainage tile and fences of Grantor's arising out of the construction or repair of any of the roads and facilities herein authorized to be maintained and operated by Grantee. This easement shall not exceed Sixty (60') feet for construction and Fifty (50') feet for the permanent easement. 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 Grantees 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, 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'S and GRANTEE herein named have hereunto set their hand and seal this 17 day of April, 2012.

GRANTOR:

GRANTEE:
Aurora Gathering, LLC

Nial L. Richens
Nial L. Richens

Huntington T. Walker, Senior Vice-President Land

ACKNOWLEDGEMENT

State of Utah }
County of Uintah } :SS

BEFORE me, the undersigned, a Notary Public in and for said County and State, on this 17 day of April, 2012, personally appeared **Nial L. Richens** to me known to be the identical person(s) who executed the within and foregoing instrument, and acknowledged to me that they executed the same as a free and voluntary act and deed, for the uses and purposes therein set forth.

Given under my hand and seal the day and year last above written
My Commission Expires: 11-25-2014


Notary Public



ACKNOWLEDGEMENT

STATE OF _____)
COUNTY OF _____) SS

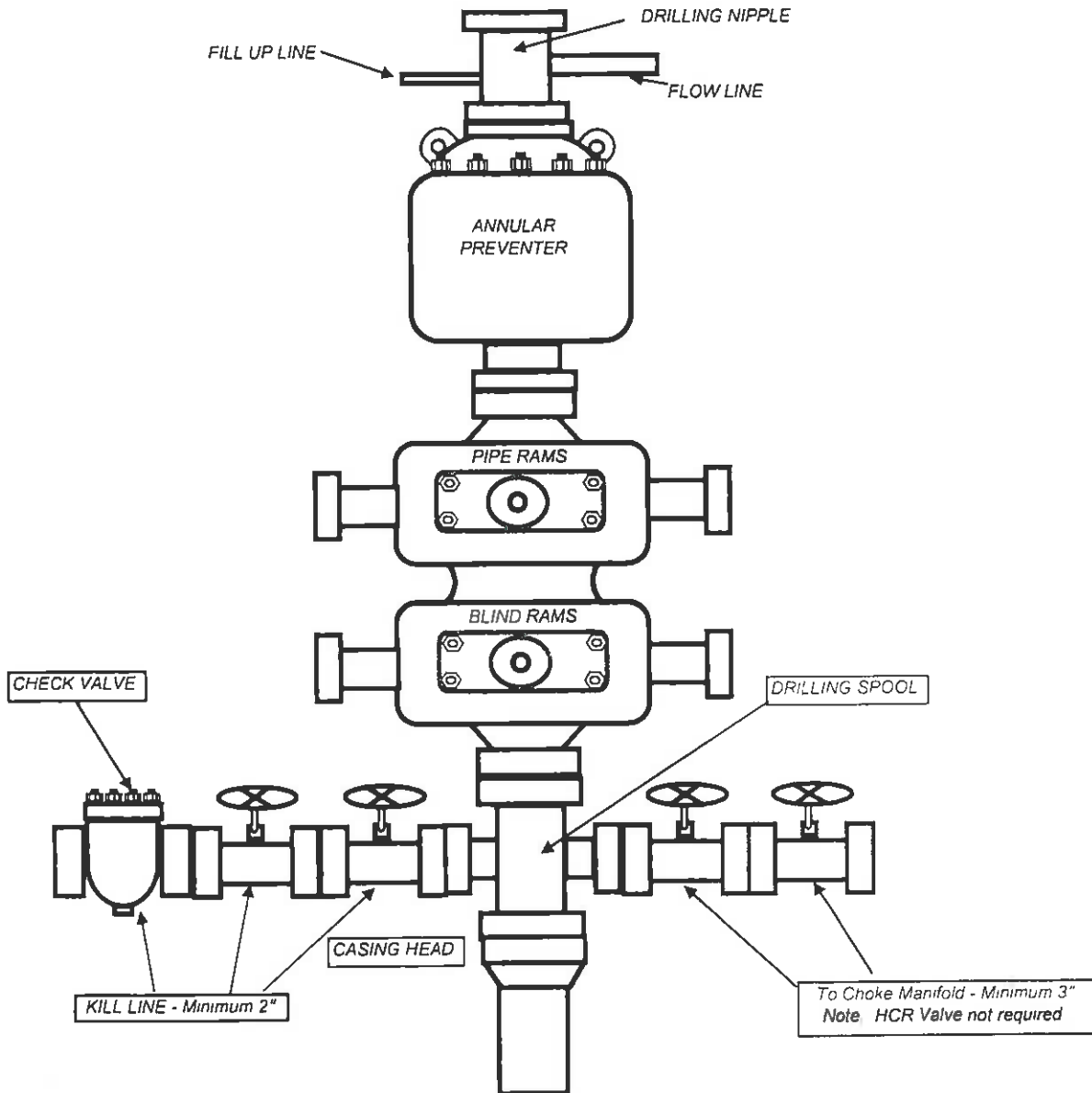
On the ___ day of _____, 2012, before me the undersigned authority, appeared **Huntington T. Walker**, to me personally known, who, being sworn, did say that he is the **Senior Vice President Land for Aurora Gathering, LLC**, and that the foregoing instrument was signed in behalf of said Corporation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

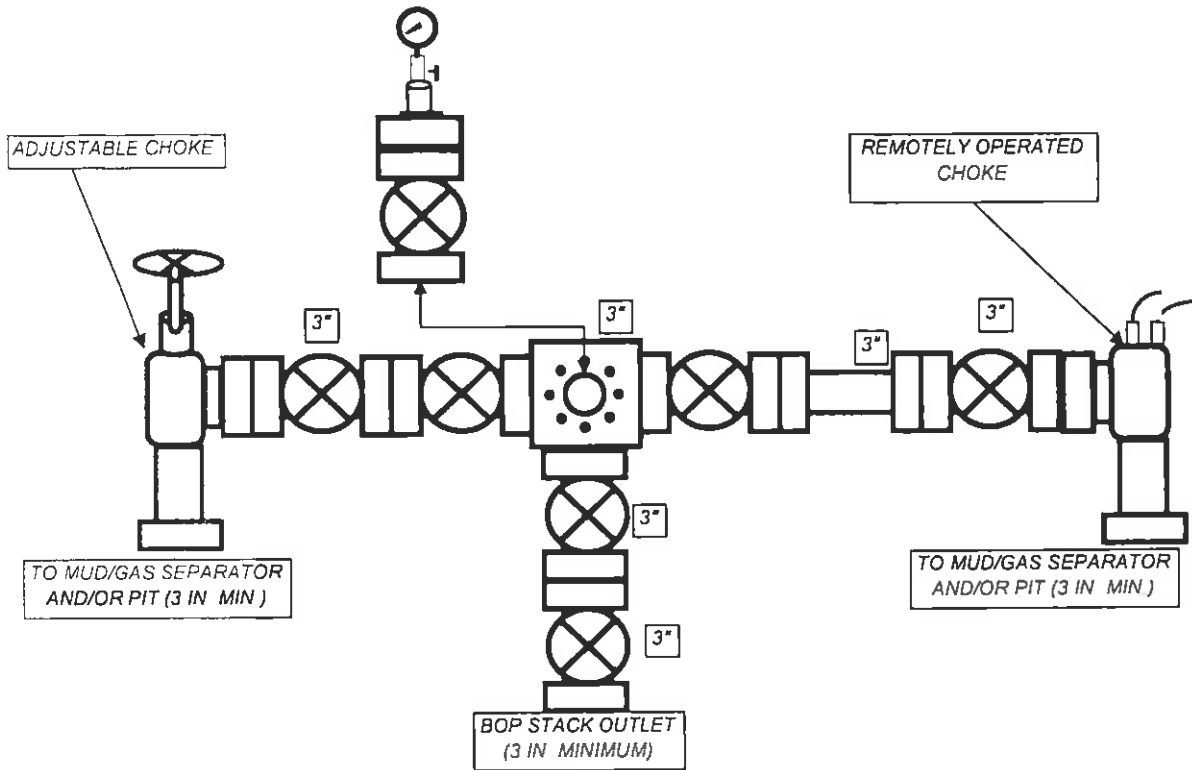
BILL BARRETT CORPORATION

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



BILL BARRETT CORPORATION

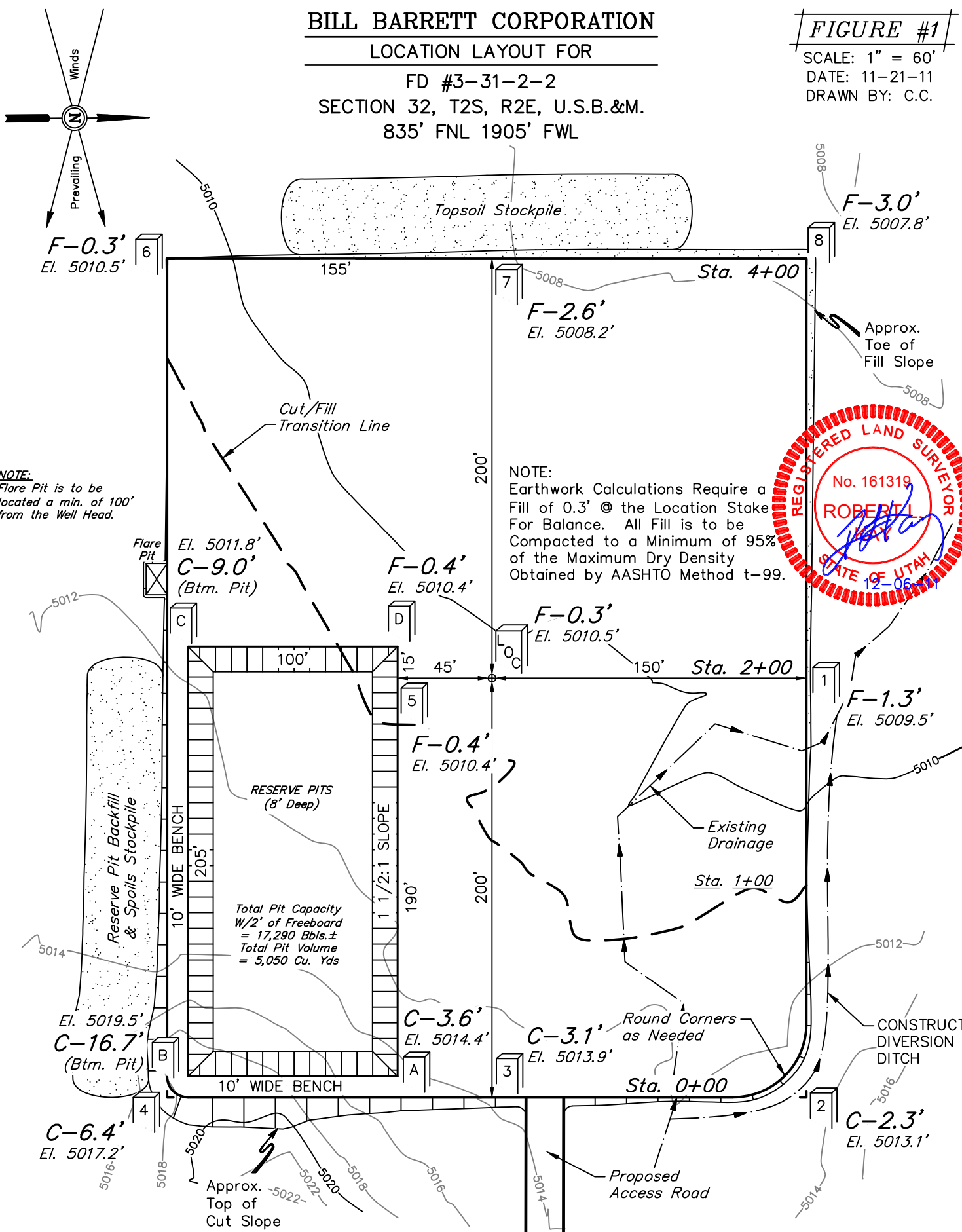
TYPICAL 5,000 p.s.i. CHOKE MANIFOLD



BILL BARRETT CORPORATION
 LOCATION LAYOUT FOR
 FD #3-31-2-2
 SECTION 32, T2S, R2E, U.S.B.&M.
 835' FNL 1905' FWL

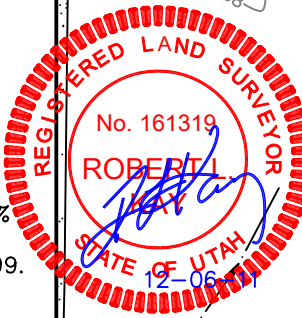
FIGURE #1

SCALE: 1" = 60'
 DATE: 11-21-11
 DRAWN BY: C.C.



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

NOTE:
 Earthwork Calculations Require a Fill of 0.3' @ the Location Stake For Balance. All Fill is to be Compacted to a Minimum of 95% of the Maximum Dry Density Obtained by AASHTO Method t-99.



Elev. Ungraded Ground At Loc. Stake = 5010.5'
 FINISHED GRADE ELEV. AT LOC. STAKE = 5010.8'

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

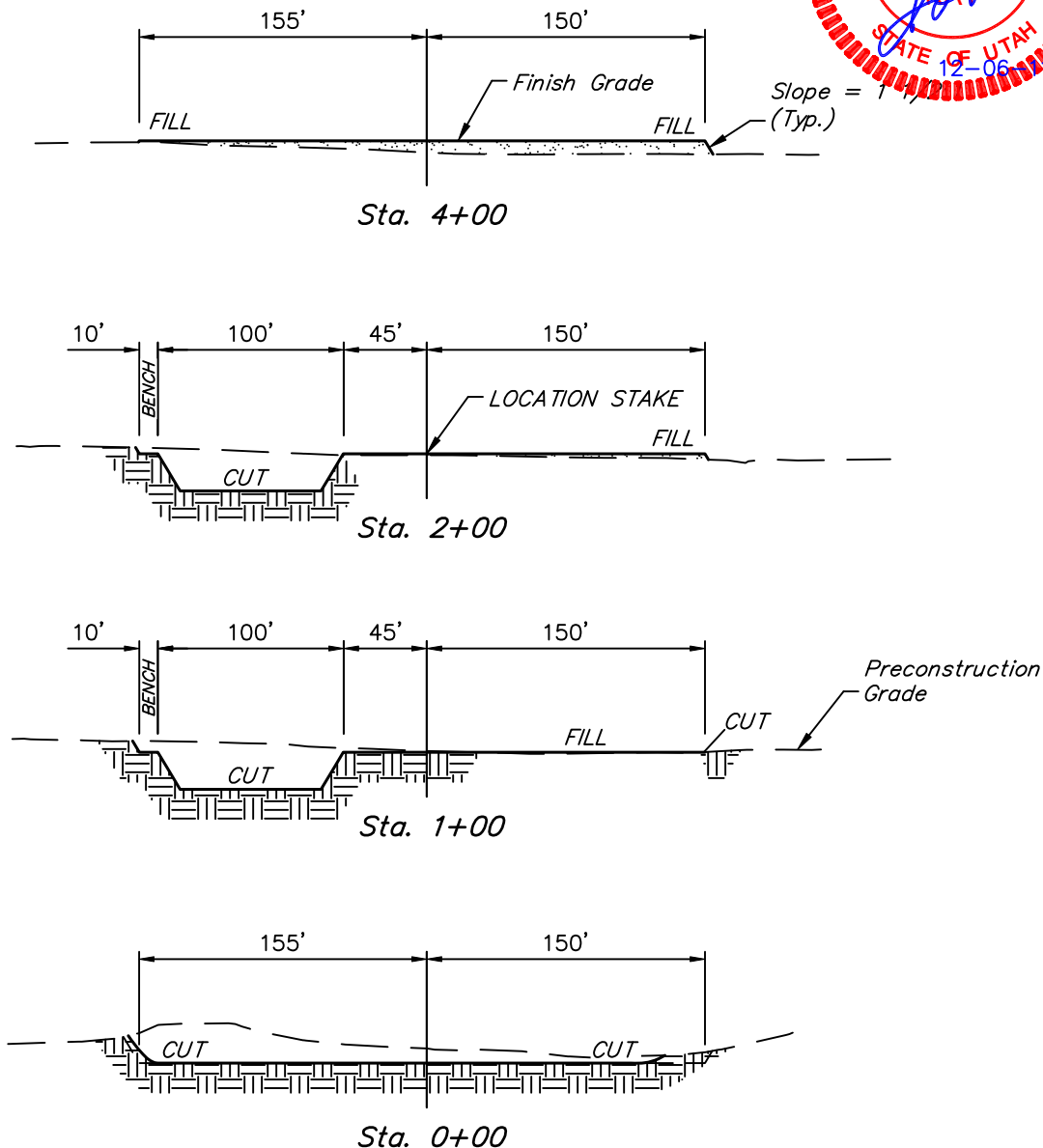
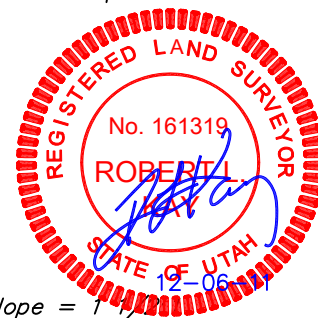
RECEIVED: May 24, 2012

BILL BARRETT CORPORATION
TYPICAL CROSS SECTIONS FOR

FIGURE #2

X-Section Scale
 1" = 40'
 1" = 100'
 DATE: 11-21-11
 DRAWN BY: C.C.

FD #3-31-2-2
 SECTION 32, T2S, R2E, U.S.B.&M.
 835' FNL 1905' FWL



APPROXIMATE ACREAGES
 WELL SITE DISTURBANCE = ± 4.100 ACRES
 ACCESS ROAD DISTURBANCE = ± 4.457 ACRES
 PIPELINE DISTURBANCE = ± 4.467 ACRES
TOTAL = ± 13.024 ACRES

* NOTE:
 FILL QUANTITY INCLUDES
 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping = 2,350 Cu. Yds.
 Remaining Location = 7,390 Cu. Yds.
TOTAL CUT = 9,740 CU.YDS.
FILL = 4,860 CU.YDS.

EXCESS MATERIAL = 4,880 Cu. Yds.
 Topsoil & Pit Backfill = 4,880 Cu. Yds.
 (1/2 Pit Vol.)
 EXCESS UNBALANCE = 0 Cu. Yds.
 (After Interim Rehabilitation)

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

BILL BARRETT CORPORATION

TYPICAL RIG LAYOUT FOR

FD #3-31-2-2

SECTION 32, T2S, R2E, U.S.B.&M.

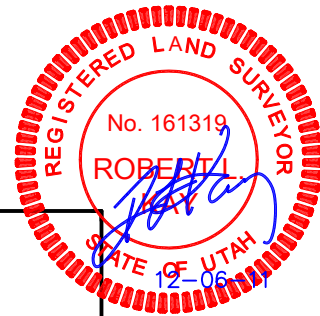
835' FNL 1905' FWL

FIGURE #3

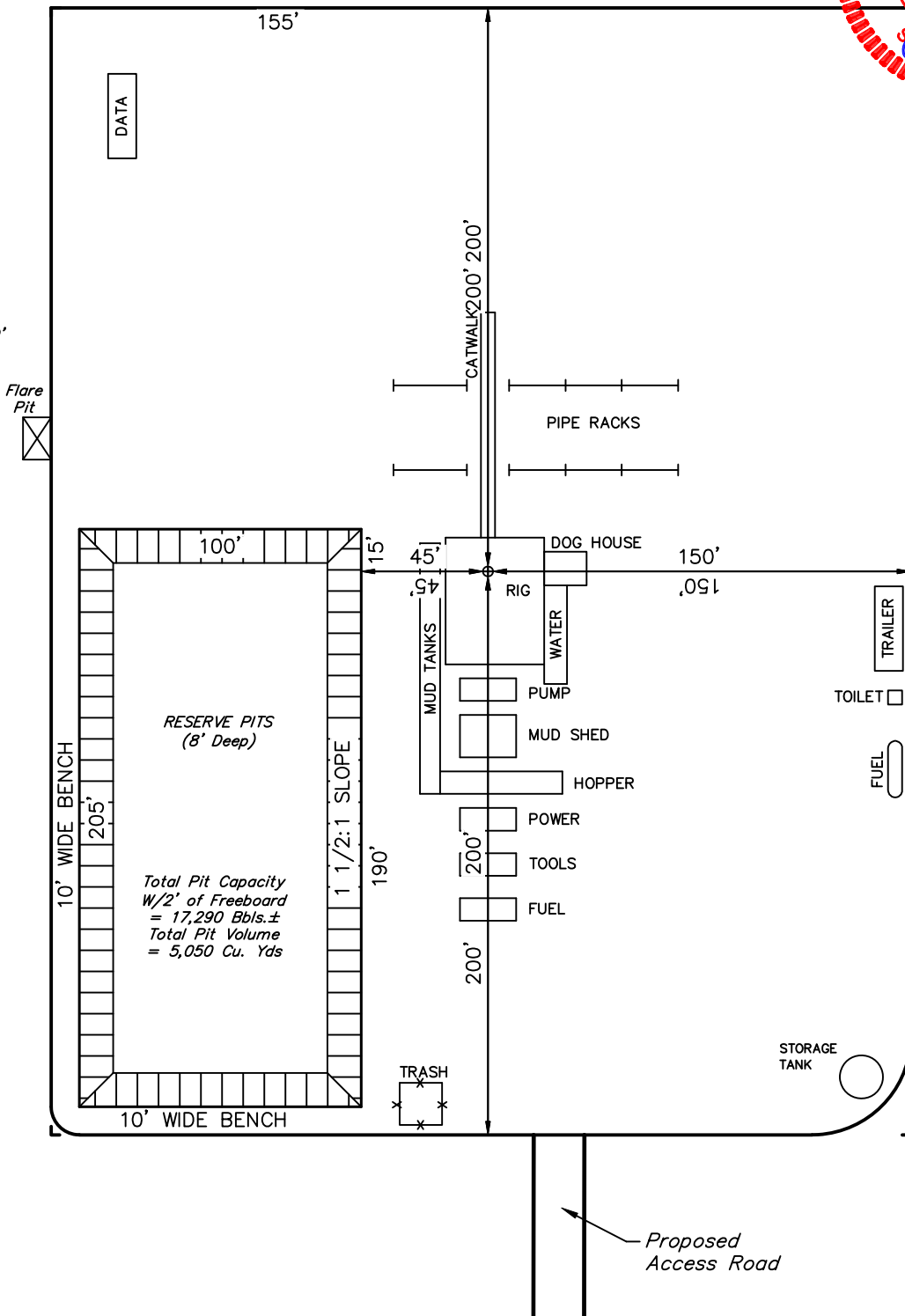
SCALE: 1" = 60'

DATE: 11-21-11

DRAWN BY: C.C.



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



DATA

10' WIDE BENCH

205'

RESERVE PITS
(8' Deep)

Total Pit Capacity
W/2' of Freeboard
= 17,290 Bbls.±
Total Pit Volume
= 5,050 Cu. Yds

10' WIDE BENCH

1 1/2:1 SLOPE

190'

4.5'

4.5'

CATWALK 200' x 200'

DOG HOUSE

RIG

WATER

PUMP

MUD SHED

HOPPER

POWER

TOOLS

FUEL

200'

200'

200'

200'

200'

200'

200'

200'

200'

200'

200'

200'

200'

200'

150'

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150'

150'

150'

150'

150'

150'

150'

150'

150'

TRAILER

TOILET

FUEL

STORAGE TANK

Proposed Access Road

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

RECEIVED: May 24, 2012

BILL BARRETT CORPORATION
PRODUCTION FACILITY LAYOUT FOR

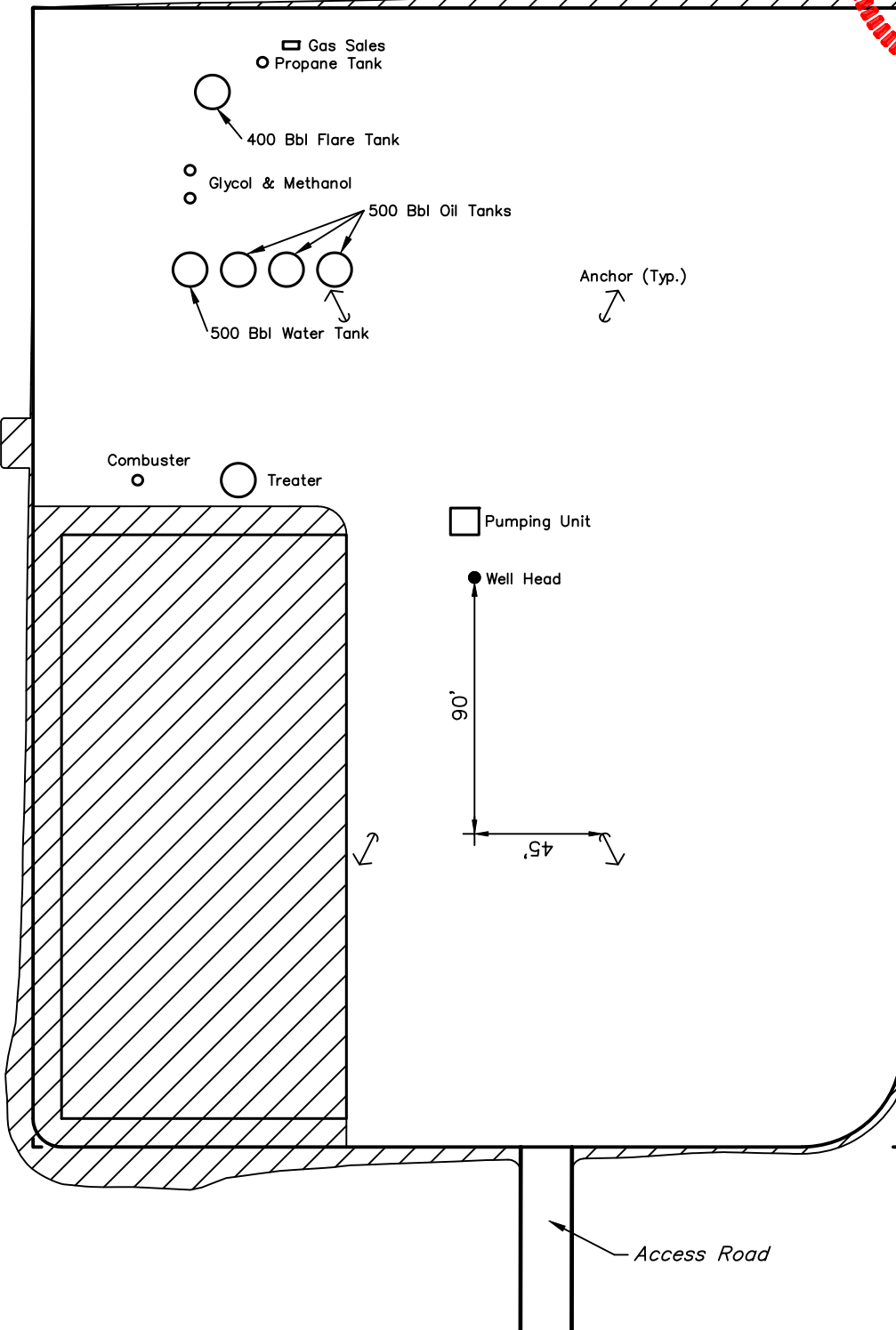
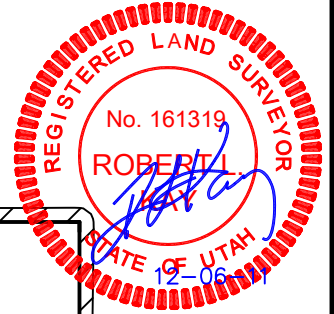
FD #3-31-2-2
SECTION 32, T2S, R2E, U.S.B.&M.
835' FNL 1905' FWL

FIGURE #4

SCALE: 1" = 60'

DATE: 11-21-11

DRAWN BY: C.C.

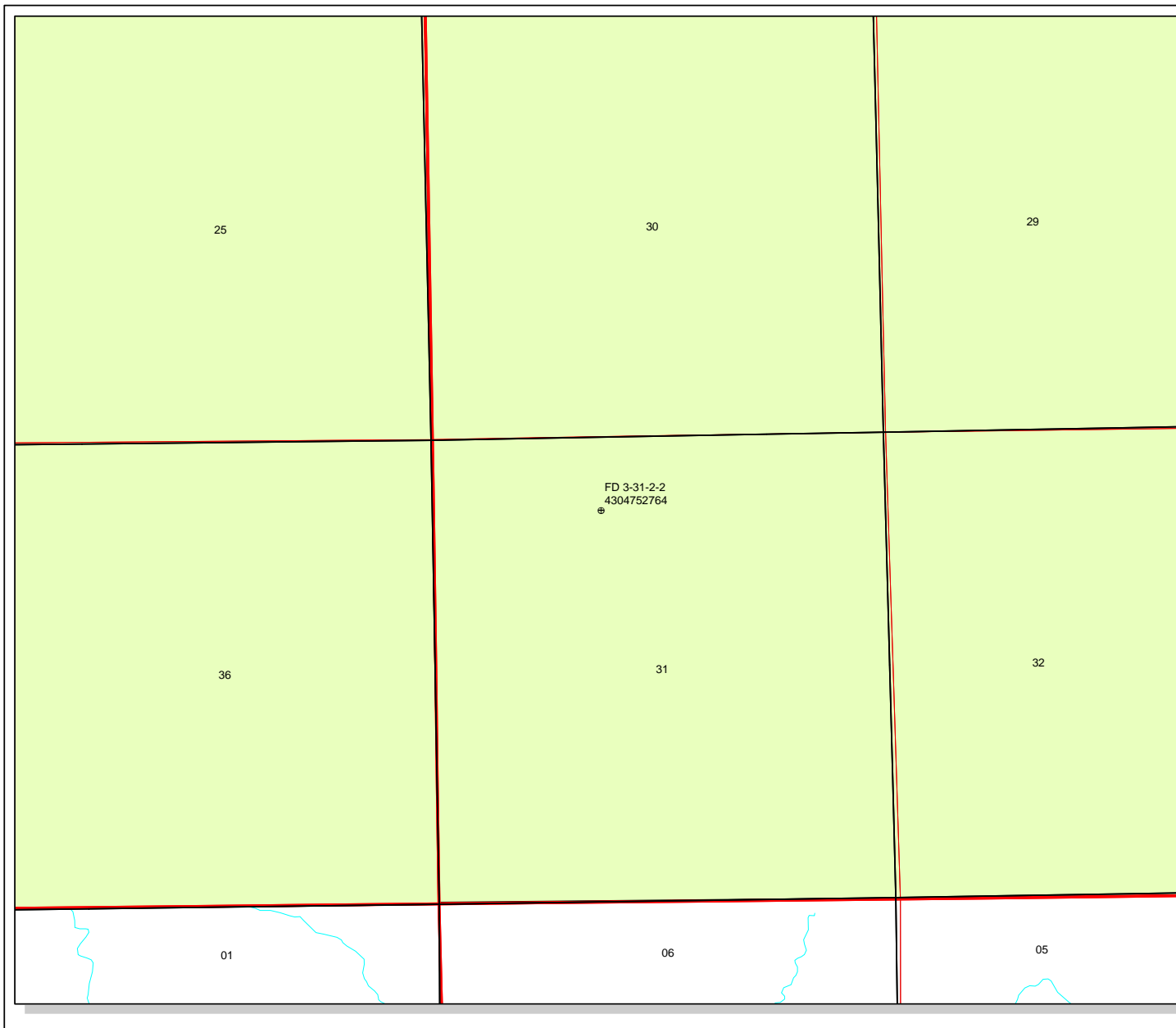


RECLAIMED AREA

APPROXIMATE ACREAGES
UN-RECLAIMED = ± 2.227 ACRES

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

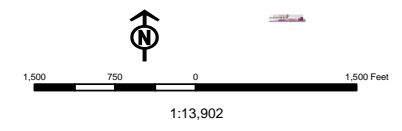
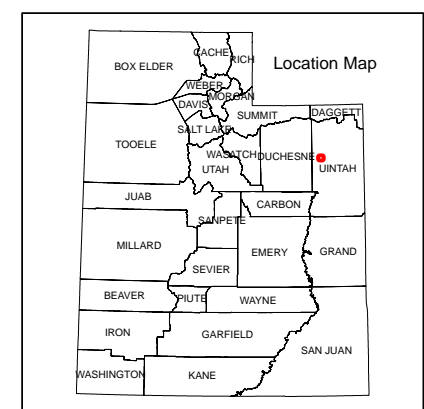
RECEIVED: May 24, 2012



API Number: 4304752764
Well Name: FD 3-31-2-2
Township T0.2 . Range R0.2 . Section 31
Meridian: UBM
 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 | LOC - New Location |
| PI OIL | OPS - Operation Suspended |
| PP GAS | PA - Plugged Abandoned |
| PP GEOTHERML | PGW - Producing Gas Well |
| PP OIL | POW - Producing Oil Well |
| SECONDARY | SGW - Shut-in Gas Well |
| TERMINATED | SOW - Shut-in Oil Well |
| Fields | TA - Temp. Abandoned |
| Unknown | TW - Test Well |
| ABANDONED | WDW - Water Disposal |
| ACTIVE | WW - Water Injection Well |
| COMBINED | WSW - Water Supply Well |
| INACTIVE | |
| STORAGE | |
| TERMINATED | |





May 31, 2012

Ms. Diana Mason – Petroleum Technician
STATE OF UTAH DIVISION OF OIL, GAS AND MINING
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

Re: **Exception Location – FD 3-31-2-2 – East Bluebell Area**
Surface Location: 835' FNL, 1905' FWL, NENW, Section 31-T2S-R2E
Bottom Location: 835' FNL, 1905' FWL, NENW, Section 31-T2S-R2E
Uintah County, Utah

Dear Ms. Mason,

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

- The location is within our East Bluebell Area.
- The exception location is due to topography requirements and to minimize surface disturbance.
- BBC certifies that it is the only working interest owner within 460 feet of the proposed well location.
- Our rights are owned under the following Fee Leases – Arza L. Mills, individually and Theodora M. Mills, individually.

In speaking with Brad Hill on 5/30/12 regarding spacing order 139-42, which amends 139-8, 139-8 requires the first well drilled in the section to be located in the center of the NE/4. The FD 3-31-2-2 will be the first well drilled in this section and therefore we are applying for the exception location. Mr. Hill indicated this spacing order is antiquated and no longer applies to current field development patterns in the present day environment.

Based on the information provided, BBC requests the Division grant this exception to the locating and siting requirements of R649-3-2. Should you have any questions or need further information, please contact me at 303-299-9935

Sincerely,

A handwritten signature in blue ink that reads 'Vanessa Langmaeker'.

Thomas J. Abell
Landman

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

RECEIVED: June 13, 2012

BOPE REVIEW BILL BARRETT CORP FD 3-31-2-2 43047527640000

Well Name	BILL BARRETT CORP FD 3-31-2-2 43047527640000			
String	COND	SURF	PROD	
Casing Size(")	16.000	9.625	5.500	
Setting Depth (TVD)	80	1500	10140	
Previous Shoe Setting Depth (TVD)	0	80	1500	
Max Mud Weight (ppg)	8.8	8.8	9.5	
BOPE Proposed (psi)	0	500	5000	
Casing Internal Yield (psi)	1000	3520	10640	
Operators Max Anticipated Pressure (psi)	5009		9.5	

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

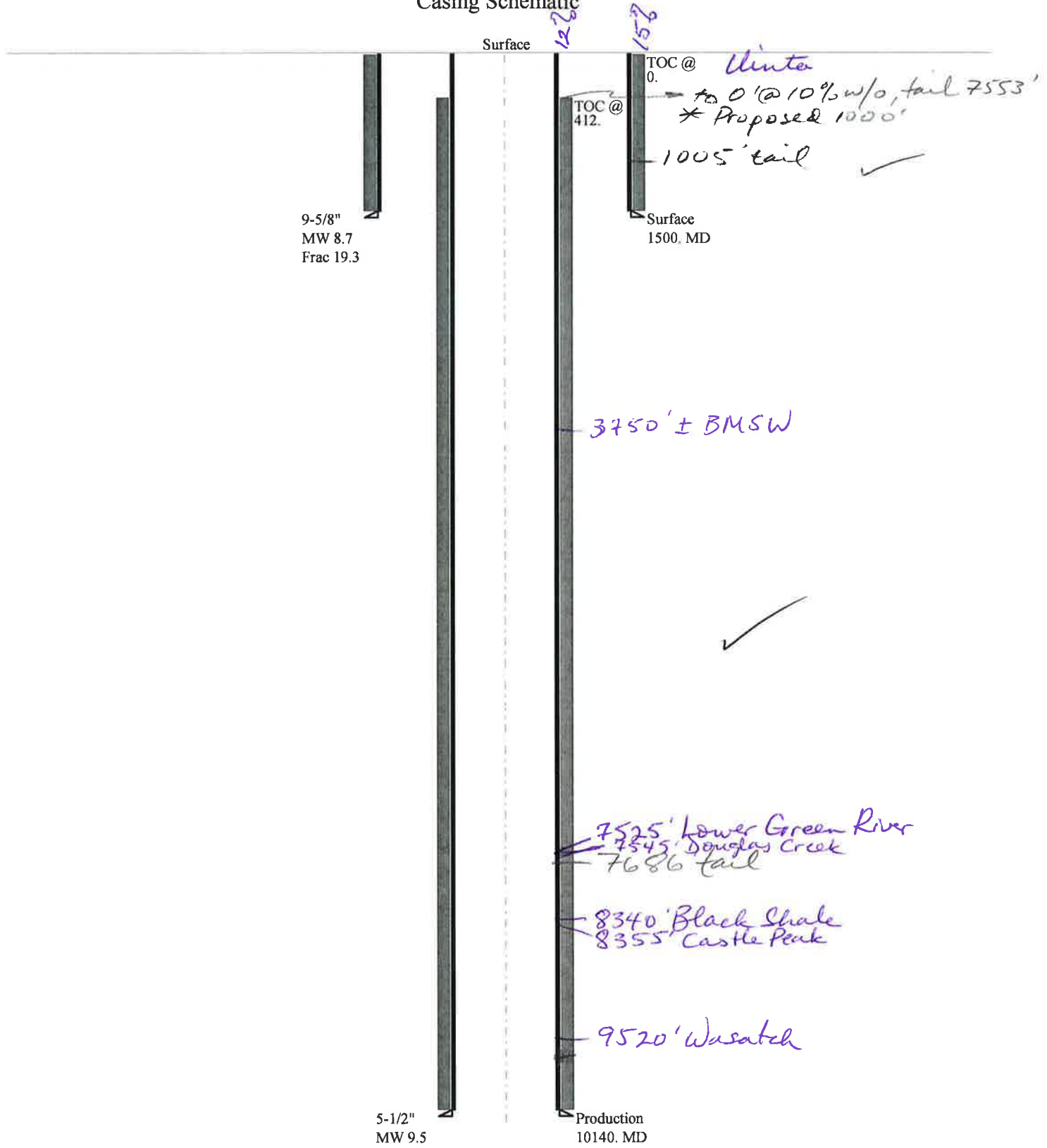
Calculations	SURF String	9.625	"
Max BHP (psi)	.052*Setting Depth*MW=	686	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	506	NO air or fresh water drill
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	356	YES OK
			*Can Full Expected Pressure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

Calculations	PROD String	5.500	"
Max BHP (psi)	.052*Setting Depth*MW=	5009	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3792	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2778	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	3108	NO OK
Required Casing/BOPE Test Pressure=		5000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		1500	psi *Assumes 1psi/ft frac gradient

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

43047527640000 FD 3-31-2-2

Casing Schematic



Well name:	43047527640000 FD 3-31-2-2		
Operator:	BILL BARRETT CORP		
String type:	Surface	Project ID:	43-047-52764
Location:	UINTAH COUNTY		

Design parameters:**Collapse**

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

Burst

Max anticipated surface pressure: 1,170 psi
Internal gradient: 0.220 psi/ft
Calculated BHP: 1,500 psi

No backup mud specified.

Minimum design factors:**Collapse:**

Design factor: 1.125

Burst:

Design factor: 1.00

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.

Neutral point: 1,307 ft

Environment:

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

Cement top: Surface

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

Next setting depth: 10,140 ft
Next mud weight: 9.500 ppg
Next setting BHP: 5,004 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 1,500 ft
Injection pressure: 1,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	1500	9.625	36.00	J-55	ST&C	1500	1500	8.796	13038
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	678	2020	2.980	1500	3520	2.35	54	394	7.30 J

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

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

Date: August 15, 2012
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 1500 ft, a mud weight of 8.7 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

Well name:	43047527640000 FD 3-31-2-2		
Operator:	BILL BARRETT CORP		
String type:	Production	Project ID:	43-047-52764
Location:	UINTAH COUNTY		

Design parameters:**Collapse**

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

Minimum design factors:**Collapse:**

Design factor 1.125

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 216 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Burst:

Design factor 1.00

Cement top: 412 ft

Burst

Max anticipated surface pressure: 2,773 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 5,004 psi

No backup mud specified.

Tension:

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

Non-directional string.

Tension is based on air weight.
Neutral point: 8,679 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	10140	5.5	17.00	P-110	LT&C	10140	10140	4.767	66790
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	5004	7480	1.495	5004	10640	2.13	172.4	445	2.58 J

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

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

Date: August 15, 2012
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 10140 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

Erosion Sedimentation Control Required? N**Paleo Survey Run? N Paleo Potential Observed? N Cultural Survey Run? Y Cultural Resources? N****Reserve Pit****Site-Specific Factors****Site Ranking**

Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	Mod permeability	10
Fluid Type	TDS>5000 and	10
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)		0
Affected Populations		
Presence Nearby Utility Conduits	Not Present	0
Final Score		20 1 Sensitivity Level

Characteristics / Requirements

The reserve pit as proposed is 225' x 100' x 10' deep and is placed in a cut stable location. Bill Barrett Corporation typically uses a 16 mil liner and this will 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

6/19/2012
Date / Time

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

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
6066	43047527640000	LOCKED	OW	P	No
Operator	BILL BARRETT CORP		Surface Owner-APD	Nial L. Richens	
Well Name	FD 3-31-2-2		Unit		
Field	WILDCAT		Type of Work	DRILL	
Location	NENW 31 2S 2E U 835 FNL (UTM) 600799E 4458474N		1905 FWL	GPS Coord	

Geologic Statement of Basis

Bill Barrett proposes to set 80 feet of conductor and 1,500 feet of surface casing at this location. The entire surface hole will be drilled with fresh water mud. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 3,750'. A search of Division of Water Rights records shows 5 water wells within a 10,000 foot radius of the center of Section 31. The wells are 60-400 feet in depth with listed uses as domestic, irrigation and stock watering. Only one well is within .5 miles of the proposed location. The wells probably produce water from near-surface alluvium and the Uinta Formation. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. Production casing cement should be brought up to or above the base of the moderately saline ground water in order to isolate it from fresher waters uphole.

Brad Hill
APD Evaluator

7/10/2012
Date / Time

Surface Statement of Basis

This proposed well is on fee surface owned by Nial Richens. I attempted to contact Mr. Richens but was only able to leave messages and did not get a return call. According to land contractor Terra Miller she spoke to Nial richens about this site and he is pleased with the placement. There is a large power transmission line running along the north side of the location, but the location is not below the lines and appears to be OK. The location is quite flat and appears to be a good site for this location. A 16 mil liner will be used as agreed upon during presite.

Richard Powell
Onsite Evaluator

6/19/2012
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.
Surface	Location size must be reduced if needed to stay out of power transmission line right of way.

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 5/24/2012

API NO. ASSIGNED: 43047527640000

WELL NAME: FD 3-31-2-2

OPERATOR: BILL BARRETT CORP (N2165)

PHONE NUMBER: 303 312-8172

CONTACT: Venessa Langmacher

PROPOSED LOCATION: NENW 31 020S 020E

Permit Tech Review:

SURFACE: 0835 FNL 1905 FWL

Engineering Review:

BOTTOM: 0835 FNL 1905 FWL

Geology Review:

COUNTY: UINTAH

LATITUDE: 40.27067

LONGITUDE: -109.81444

UTM SURF EASTINGS: 600799.00

NORTHINGS: 4458474.00

FIELD NAME: WILDCAT

LEASE TYPE: 4 - Fee

LEASE NUMBER: Fee

PROPOSED PRODUCING FORMATION(S): GREEN RIVER-WASATCH

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: STATE - LPM4138148
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: 49-2336
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

Commingle Approved

LOCATION AND SITING:

- R649-2-3.
- Unit:
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: Cause 139-42
- Effective Date: 4/12/1985
- Siting: 660' Fr Ext U Bdry & 1320' Fr Other Wells
- R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 5 - Statement of Basis - bhill
25 - Surface Casing - hmadonald



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: FD 3-31-2-2
API Well Number: 43047527640000
Lease Number: Fee
Surface Owner: FEE (PRIVATE)
Approval Date: 9/13/2012

Issued to:

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

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 139-42. 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:

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

Surface casing shall be cemented to the surface.

Additional Approvals:

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

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

Notification Requirements:

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

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

Contact Information:

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

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

Reporting Requirements:

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

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

Approved By:



For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FD 3-31-2-2
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047527640000
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: 0835 FNL 1905 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 31 Township: 02.0S Range: 02.0E Meridian: U	9. FIELD and POOL or WILDCAT: WILDCAT
	COUNTY: UINTAH
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/15/2012	<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 checked="" 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
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	<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.

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.

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

Date: November 01, 2012

By: *Derek Duff*

NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst
SIGNATURE N/A	DATE 9/27/2012	



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 43047527640000

In accordance with Board Cause No. 139-42, commingling of the Lower Green River and Wasatch formations is allowed. Commingling of any portion of the Green River above the TGR3 marker with the spaced interval is not allowed without further request to and approval by the Division.



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 43047527640000

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Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047527640000

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September 27, 2012

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

RE:Sundry Notices
Fort Duchesne Unit
FD 3-31-2-2
NENW, Section 31 T2S R2E
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 Fort Duchesne Field. 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

A handwritten signature in blue ink that reads "Vanessa Spangmacker" with "for" written below it.

Thomas J. Abell
Landman

Enclosures



AFFIDAVIT OF NOTICE

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

FD 3-31-2-2 Well NENW 31 T2S-R2E

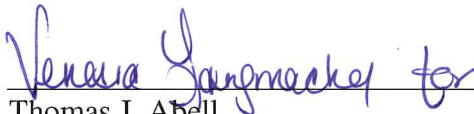
In compliance with the Utah OGM regulation R649-3-22, I have provided a copy of the Sundry Notices, by certified mail, to the owners as listed below of all contiguous oil and gas Leases or drilling units overlying the pool.

Lessees

Axia Energy

Date: September 27, 2012

Affiant



Thomas J. Abell
Landman



September 27, 2012

Axia Energy L.L.C.
1430 Larimer Street
Suite 400
Denver, CO 80202

RE: Sundry Notices
FD 3-31-2-2
Uintah County, UT

Dear Sir or Madam,

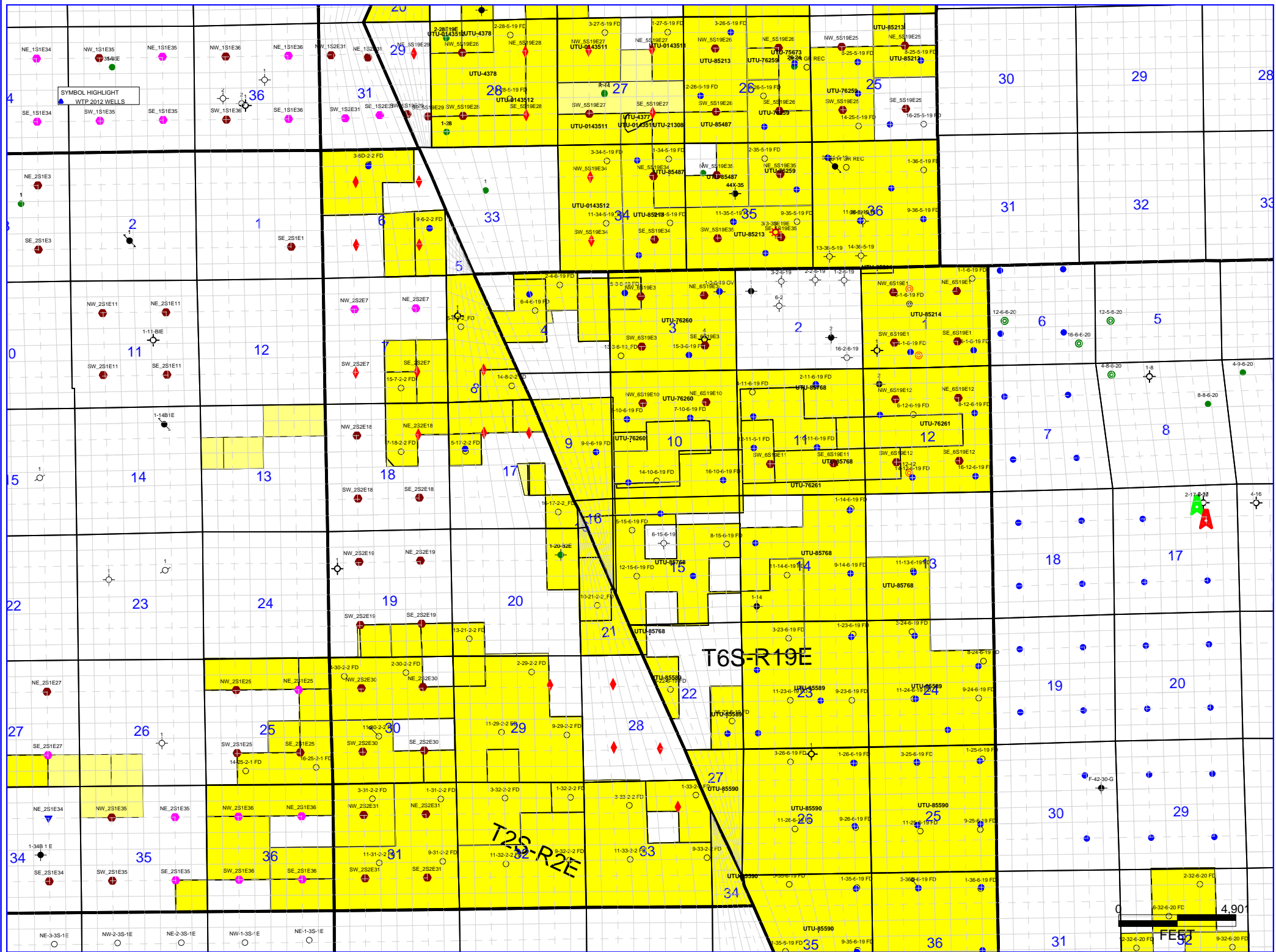
Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Green River formations in the subject well. We enclosed herewith copies of the Sundry Notice together with a plat showing the leases and wells in the area and affidavit confirming notice pursuant to the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

A handwritten signature in blue ink that reads 'Venessa Gangmacker'. The signature is written in a cursive style and includes a small flourish at the end.

Thomas J. Abell
Landman



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: FD 3-31-2-2
2. NAME OF OPERATOR: BILL BARRETT CORP		9. API NUMBER: 43047527640000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0835 FNL 1905 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 31 Township: 02.0S Range: 02.0E Meridian: U		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: 2/13/2013 <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.		
Drilling Contractor: Triple A Drilling LLC. Rig #: TA 4037 Rig Type: Soilmec SR/30 Spud Date: 2/13/13 Spud Time: 4:00 PM Commence Drilling approximate start date: 2/16/2013		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY February 15, 2013		
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A		DATE 2/14/2013

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
1. TYPE OF WELL Oil Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP	7. UNIT or CA AGREEMENT NAME:
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4. LOCATION OF WELL FOOTAGES AT SURFACE: 0835 FNL 1905 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 31 Township: 02.0S Range: 02.0E Meridian: U	9. API NUMBER: 43047527640000
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	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: 2/28/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
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	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

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

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

Date: February 26, 2013

By: *DeKQ*

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 2/26/2013	



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 43047527640000

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

BILL BARRETT CORPORATION
DRILLING PLAN REVISED

FD 3-31-2-2

NE NW, 835' FNL and 1905' FWL, Section 31, T2S-R2E, USB&M
 Uintah County, Utah

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

<u>Formation</u>	<u>Depth – MD</u>	<u>Depth - TVD</u>
Lower Green River*	7,525'	7,525'
Douglas Creek	7,545'	7,545'
Black Shale	8,340'	8,340'
Castle Peak	8,355'	8,355'
Wasatch*	9,520'	9,520'
TD	10,140'	10,140'

*PROSPECTIVE PAY

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

Base of Useable Water = 4,535'

3. BOP and Pressure Containment Data

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 1,500'	No pressure control required (may pre-set 9-5/8" will smaller rig)
1,500' – TD	11" 5000# Ram Type BOP 11" 5000# Annular BOP
- Drilling spool to accommodate choke and kill lines;	
- Ancillary equipment and choke manifold rated at 5,000 psi. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2;	
- The State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests.	
- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up To operate most efficiently in this manner.	

4. Casing Program

<u>Hole Size</u>	<u>SETTING DEPTH</u>		<u>Casing Size</u>	<u>Casing Weight</u>	<u>Casing Grade</u>	<u>Thread</u>	<u>Condition</u>
	<u>(FROM)</u>	<u>(TO)</u>					
26"	Surface	80'	16"	65#			
12 1/4"	Surface	1,500'	9 5/8"	36#	J or K 55	ST&C	New
7 7/8"	Surface	TD	5 1/2"	17#	P-110	LT&C	New

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

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

- Properly lubricated and maintained rotating head
- Spark arresters on engines or water cooled exhaust

Bill Barrett Corporation
 Drilling Program **REVISED**
 FD 3-31-2-2
 Uintah County, Utah

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

5. **Cementing Program**

16" Conductor Casing	Grout
9 5/8" Surface Casing (may pre-set with spudder rig)	Lead: 190 sx Halliburton Light Premium with additives mixed at 11.0 ppg (yield = 3.16 ft ³ /sx) circulated to surface with 75% excess. TOC @ Surface Tail: 210 sx Halliburton Premium Plus cement with additives mixed at 14.8 ppg (yield = 1.36 ft ³ /sx), calculated hole volume with 75% excess. TOC @ 1,000'
5 1/2" Production Casing	Lead: 770 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft ³ /sx). TOC @ 1,000' Tail: 430 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft ³ /sx). Top of cement to be determined by log and sample evaluation; estimated TOC @ 7,840'

6. **Mud Program**

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u> <u>(API filtrate)</u>	<u>Remarks</u>
0' – 1,500'	Air/Mist/Mud 8.3 – 8.7	26 – 36	NC	Air/Mist/Freshwater Spud Mud Fluid System
1,500' - 5,500'	9.2 – 9.4	26 – 36	NC	Freshwater Mud Fluid System
5,500' – TD	9.4 – 9.5	42-58	25 cc or less	DAP Fluid System
Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.				

7. **Testing, Logging and Core Programs**

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

Bill Barrett Corporation
Drilling Program **REVISED**
FD 3-31-2-2
Uintah County, Utah

8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 5009 psi* and maximum anticipated surface pressure equals approximately 2778 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

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

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

9. Auxiliary Equipment

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

10. Location and Type of Water Supply

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

11. Drilling Schedule

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



Bill Barrett Corporation

AURORA CEMENT VOLUMES

Well Name: [FD 3-31-2-2](#)

Surface Hole Data:

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

Calculated Data:

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

Cement Data:

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

Calculated # of Sacks:

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

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

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

Production Hole Data:

Total Depth:	10,140'
Top of Cement:	1,000'
Top of Tail:	7,840'
OD of Hole:	7.875"
OD of Casing:	5.500"

Calculated Data:

Lead Volume:	1777.6	ft ³
Lead Fill:	6,840'	
Tail Volume:	597.8	ft ³
Tail Fill:	2,300'	

Cement Data:

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

Calculated # of Sacks:

# SK's Lead:	770
# SK's Tail:	430

FD 3-31-2-2 Proposed Cementing Program

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

<u>Job Recommendation</u>	<u>Production Casing</u>
Lead Cement - (7840' - 1000')	
Tuned Light™ System	Fluid Weight: 11.0 lbm/gal
	Slurry Yield: 2.31 ft ³ /sk
	Total Mixing Fluid: 10.65 Gal/sk
	Top of Fluid: 1,000'
	Calculated Fill: 6,840'
	Volume: 316.58 bbl
	Proposed Sacks: 770 sks
Tail Cement - (10140' - 7840')	
Econocem™ System	Fluid Weight: 13.5 lbm/gal
0.125 lbm/sk Poly-E-Flake	Slurry Yield: 1.42 ft ³ /sk
1.0 lbm/sk Granulite TR 1/4	Total Mixing Fluid: 6.61 Gal/sk
	Top of Fluid: 7,840'
	Calculated Fill: 2,300'
	Volume: 106.46 bbl
	Proposed Sacks: 430 sks

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FD 3-31-2-2
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047527640000
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: 0835 FNL 1905 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 31 Township: 02.0S Range: 02.0E Meridian: U	9. FIELD and POOL or WILDCAT: WILDCAT
	COUNTY: UINTAH
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input 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: 2/28/2013	<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.

Spud February 2013.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 March 05, 2013**

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 3/5/2013	

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) 312-8115

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304752764	FD 3-31-2-2		NENW	31	2S	2E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	<i>New</i>	<i>18912</i>	2/13/2013		<i>2/28/2013</i>		
Comments: Spudding Operation was conducted by Triple A Drilling @ 4:00 pm.							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304752868	FD 3-32-2-2		NENW	32	2S	2E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	<i>New</i>	<i>18913</i>	2/22/2013		<i>2/28/2013</i>		
Comments: Spudding Operation was conducted by Triple A Drilling @ 4:00 pm.							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

ACTION CODES:

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

RECEIVED
FEB 25 2013

Brady Riley
 Name (Please Print)
 Brady Riley
 Signature
 Permit Analyst
 Title

2/25/2013
 Date

SUBMIT AS EMAIL

Print Form

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corporation Rig Name/# CAPSTAR 328
 Submitted By Venessa Langmach Phone Number 303-312-8172
 Well Name/Number FD3-31-2-2
 Qtr/Qtr NE/NW Section 31 Township 02.0S Range 02.0E
 Lease Serial Number FEE
 API Number 43-047-527640000

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

Date/Time _____ AM PM

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

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

Date/Time _____ AM PM

BOPE

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

RECEIVED

MAR 01 2013

DIV. OF OIL, GAS & MINING

Date/Time 03/03/2013 8:00 AM PM

Remarks TEST B.O.P

SUBMIT AS EMAIL

Print Form

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corporation Rig Name/# CAPSTAR 328
Submitted By Venessa Langmach Phone Number 303-312-8172
Well Name/Number FD3-31-2-2
Qtr/Qtr NE/NW Section 31 Township 02.0S Range 02.0E
Lease Serial Number FEE
API Number 43-047-527640000

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 03/02/2013 9:00 AM PM

BOPE

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

RECEIVED

MAR 01 2013

DIV. OF OIL, GAS & MINING

Date/Time 03/01/2013 6:00 AM PM

Remarks SURFACE CASING & SURFACE CEMENT JOB

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: FD 3-31-2-2
2. NAME OF OPERATOR: BILL BARRETT CORP		9. API NUMBER: 43047527640000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0835 FNL 1905 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 31 Township: 02.0S Range: 02.0E Meridian: U		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: 3/1/2013	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
Attached is the March 2013 Drilling Activity for this well.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 17, 2013		
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A		DATE 4/5/2013

**FD 3-31-2-2 3/1/2013 06:00 - 3/2/2013 06:00**

API/UWI 43047527640000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 9,673.0	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	1	RIGUP & TEARDOWN	RIG UP - PIPE BOOM, RESERVE PIT PUMP, TARPS, ORGANIZE RIG FLOOR	
08:00	4.00	12:00	21	OPEN	SET UP PIPE RACKS - MOVE CSG - SET OUT BHA & STRAP (BHA BURIED ON BOTTOM OF PIPE TRAILERS)	
12:00	3.00	15:00	20	DIRECTIONAL WORK	P/U M/M & BIT & SCRIBE IN TO MWD TOOL - P/U REMAINDER OF BHA	
15:00	0.50	15:30	8	REPAIR RIG	WORK ON PIPE BOOM PUMP	
15:30	0.50	16:00	6	TRIPS	T.I.H. TAG @ 95'	
16:00	14.00	06:00	2	DRILL ACTUAL	DRILLING F/ 95' T/ 1350 - 1254' @ 89.6 FT/HR - WT ON BIT 15-20 - RPM 40-50 - DIFF 300-400PSI - 633GPM - SLIDE 0'	

FD 3-31-2-2 3/2/2013 06:00 - 3/3/2013 06:00

API/UWI 43047527640000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 9,673.0	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	2	DRILL ACTUAL	DRILL 12 1/4 F/ 1350 T/ 1540 - 190' AVE 95' PER HR - WT ON BIT 20K - RPM 40 - GPM 644 - DIFF 350-400 - SPP 1675PSI - 0' SLIDE - T.D. 1540	
08:00	1.00	09:00	5	COND MUD & CIRC	PUMP 25BBL POLY/GEL/LIME SWEEP - STILL SMALL CUTTINGS COMING BACK - PUMP 20BBL HIGH VIS GEL SWEEP - SHAKERS CLEAN	
09:00	1.50	10:30	6	TRIPS	L/D PIPE F/ 1540 T/119' - FILL HOLE WITH ACTIVE TANKS - 38BBLs	
10:30	1.50	12:00	20	DIRECTIONAL WORK	L/D MWD TOOL & 8" DIRECTIONAL SUBS - L/D REAMERS & SHOCK SUB - DRAIN M/M & L/D WITH BIT	
12:00	7.00	19:00	12	R/U & RUN CASING	S/M - R/D TOPDRIVE STOPS & BREAK OFF CUSHION SUB F/ T.D. - REMOVE DIE PLATES ON ROUGHNECK TO FIT 9 5/8 - M/U CSG BUMBER SUB TO T.D. - M/U CSG STABBING TOOL - M/U SHOE, SHOE JT & FLOAT COLLAR CHECK FLOATS - RUN A TOTAL OF 35JTS 9 5/8 J-55 STC 36# CSG TO 1540 & TAG BOTTOM WASHED 130' TO BOTTOM - SHOE SET @ 1535 FLOAT COLLAR @ 1488.89 - RAN 9 CENT. 1,2,3,JT AND EVERY 5TH TO CONDUCTOR	
19:00	1.00	20:00	5	COND MUD & CIRC	CIRCULATE	
20:00	2.50	22:30	12	CEMENT	S/M - R/U HALLIBURTON - TEST LINES TO 1500PSI - PUMP 20BBL WATER SPACER - 40BBLs SUPERFLUSH - 20BBL WATER SPACER - PUMP 112BBLs (200SXS) 11PPG LEAD CEMENT W/ 3.16 YIELD & 19.48 GAL/SX MIX WATER - PUMP 56BBLs (240SXS) 14.8 TAIL CEMENT W/ 1.36 YIELD & 6.37 GAL/SX MIX WATER - DROP PLUG - PUMP 116BBLs WATER DISPLACEMENT - BUMP PLUG @ 550PSI BRING TO 1030PSI HELD FOR 2MIN. - FLOATS HELD - BLEED 1BBL BACK TO TRUCK - 33BBLs BACK TO SURFACE	
22:30	4.00	02:30	13	WAIT ON CEMENT	WAIT ON CEMENT TO SET TO CUT OFF CSG & WELD ON WELLHEAD.	
02:30	3.50	06:00	21	OPEN	WELD ON WELLHEAD	

FD 3-31-2-2 3/3/2013 06:00 - 3/4/2013 06:00

API/UWI 43047527640000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 9,673.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	0.50	06:30	21	WELD WELLHEAD	TEST WELLHEAD WELD @ 1000PSI FOR 5MIN.	
06:30	4.00	10:30	14	NIPPLE UP B.O.P	M/U B.O.P. TO WELLHEAD - INSTALL ROT HEAD ASSEMBLY - HOOK UP CHOKE LINE, FLOWLINE & KILL LINE VALVES	
10:30	4.50	15:00	15	TEST B.O.P	TEST LOWER KELLY VALVE, SAFETY VALVE, PIPE RAMS INSIDE VALVES, HCR, OUTSIDE KILL LINE VALVES, CHOKE LINE, CHECK VALVE, UPRIGHT GAGE VALVE, BLIND RAMS, AND INSIDE MANIFOLD VALVES. - TEST ANNULAR TO 1500PSI - SUPER CHOKE 500PSI 5MIN. - TEST CSG TO 1500PSI FOR 30MIN. TESTED WITH MIKE SHAY WITH B&C QUICK TEST.	
15:00	0.50	15:30	21	OPEN	INSTALL WEAR BUSHING	
15:30	0.50	16:00	7	LUBRICATE RIG	CHANGE OUT SAVER SUB	
16:00	1.00	17:00	20	DIRECTIONAL WORK	M/U BIT & M/M - SCRIBE UP TO MWD - INSTALL MWD & SURFACE CHECK	
17:00	2.00	19:00	6	TRIPS	T.I.H. T/ 659' INSTALL ROT. HEAD	
19:00	1.00	20:00	21	OPEN	DRILL CEMENT F/ 1472 T/ 1489 - DRILL PLUG @ 1489 - DRILL SHOE @ 1535	
20:00	0.50	20:30	21	OPEN	DRILL 10' NEW HOLE - SPOT LCM PILL ON BOTTOM - PULL INTO CSG & PERFORM EMW TEST TO 10.5PPG = 176PSI @ SURFACE	
20:30	9.50	06:00	2	DRILL ACTUAL	DRILL 7 7/8 HOLE F/1540 T/ 2560 - 1020' @ 107' HR - W/ 12-15K WT ON BIT - 50-60 RPM - 537 GPM - 250-300 DIFF - SPP 1430 - 6-8K TORQUE - SLIDE 0'	

**FD 3-31-2-2 3/4/2013 06:00 - 3/5/2013 06:00**

API/UWI 43047527640000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 9,673.0	Primary Job Type Drilling & Completion
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	12.00	18:00	2	DRILL ACTUAL	DRILL 7 7/8 HOLE F/2560 T/ 3602 - 1042" @ 86' HR - W/15K WT ON BIT - 50-60 RPM - 537 GPM - 300-350 DIFF - SPP 1700PSI - 6-8K TORQUE - SLIDE
18:00	0.50	18:30	7	LUBRICATE RIG	RIG SERVICE
18:30	11.50	06:00	2	DRILL ACTUAL	DRILL 7 7/8 HOLE F/3602 T/ 4475 - 873" @ 75.9 'HR - W/15K WT ON BIT - 50-60 RPM - 537 GPM - 200-350 DIFF - SPP 2314 PSI - 7-8K DRILLING TORQUE - OFF BOTTOM TORQUE 5-6K - SLIDE 15' 4.14%

FD 3-31-2-2 3/5/2013 06:00 - 3/6/2013 06:00

API/UWI 43047527640000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 9,673.0	Primary Job Type Drilling & Completion
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	11.50	17:30	2	DRILL ACTUAL	DRILL 7 7/8 HOLE F/4475 T/ 5160 - 685" @ 60 'HR - W/18K WT ON BIT - 50-60 RPM - 582 GPM - 200-350 DIFF - SPP 2100PSI - 7-9K DRILLING TORQUE - OFF BOTTOM TORQUE 5-6K
17:30	0.50	18:00	7	LUBRICATE RIG	RIG SERVICE
18:00	12.00	06:00	2	DRILL ACTUAL	DRILL 7 7/8 HOLE F/5160 T/ 5635 - 475" @ 39 'HR - W/18-20K WT ON BIT - 50-60 RPM - 582 GPM - 200-250 DIFF - SPP 2400PSI - 7-9K DRILLING TORQUE - OFF BOTTOM TORQUE 5-6K - SLIDE 80' 6.07%

FD 3-31-2-2 3/6/2013 06:00 - 3/7/2013 06:00

API/UWI 43047527640000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 9,673.0	Primary Job Type Drilling & Completion
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	2	DRILL ACTUAL	DRILL 7 7/8 HOLE F/5635 T/ 5664 - 29' @ 14'HR - W/20-22K WT ON BIT - 50-60 RPM - 582 GPM - 200-250 DIFF - SPP 2400PSI - 7-9K DRILLING TORQUE - OFF BOTTOM TORQUE 5-6K
08:00	2.00	10:00	5	COND MUD & CIRC	PUMP 30BBLs SWEEP TO CLEAN HOLE & CIRCULATE OUT - SHAKERS CLEAN - FILL TRIP TANK & BUILD SLUG - HAVING PROBLEMS MIXING SLUG THROUGH HOPPER.
10:00	4.50	14:30	6	TRIPS	T.O.O.H. F/ 5665 T/ M/M - FILL HOLE CONTINUOUSLY WITH TRIP TANK - HOLE TOOK 31BBLs TO FILL - FUNCTION TEST PIPE & BLIND RAMS.
14:30	1.00	15:30	20	DIRECTIONAL WORK	P/U NEW M/M - M/U BIT & SCRIBE TO MWD TOOL - INSTALL MWD AND TEST
15:30	3.00	18:30	6	TRIPS	T.I.H. F/ MWD T/ 2000'
18:30	0.50	19:00	7	LUBRICATE RIG	RIG SERVICE
19:00	1.00	20:00	8	REPAIR RIG	WORK ON ROUGHNECK
20:00	4.50	00:30	6	TRIPS	T.I.H. F/ 2000' T/ 5400' WASH LAST 200' TO BOTTOM
00:30	5.50	06:00	2	DRILL ACTUAL	DRILL 7 7/8 HOLE F/5664 T/ 5835 - 200" @ 28 'HR - W/15K WT ON BIT - 50-60 RPM - 537 GPM - 200-250 DIFF - SPP 2400PSI - 7-9K DRILLING TORQUE - OFF BOTTOM TORQUE 5-6K

FD 3-31-2-2 3/7/2013 06:00 - 3/8/2013 06:00

API/UWI 43047527640000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 9,673.0	Primary Job Type Drilling & Completion
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.50	15:30	2	DRILL ACTUAL	DRILL 7 7/8 HOLE F/5835 T/ 6049 - 214' @ 22.5' HR - W/22-25K WT ON BIT - 50-70 RPM - 537 GPM - 100-150 DIFF - SPP 2520PSI - 7-9K DRILLING TORQUE - OFF BOTTOM TORQUE 5-6K
15:30	0.50	16:00	7	LUBRICATE RIG	RIG SERVICE
16:00	0.50	16:30	20	DIRECTIONAL WORK	TROUBLESHOOT MWD - PROBLEMS KEEPING SYNC
16:30	1.50	18:00	2	DRILL ACTUAL	DRILL 7 7/8 HOLE F/6049 T/ 6074 - 25' @ 16' HR - W/22-25K WT ON BIT - 50-70 RPM - 537 GPM - 100-150 DIFF - SPP 2520PSI - 7-9K DRILLING TORQUE - OFF BOTTOM TORQUE 5-6K
18:00	1.00	19:00	20	DIRECTIONAL WORK	TROUBLESHOOT MWD - PROBLEMS KEEPING SYNC - SURFACE EQUIPMENT ALL GOOD TOOL SYNC'S UP WITH PUMPS AT IDLE - GETTING ERROR CODES WHEN PUMPS ARE AT FULL STROKE - TRY SLIDE WITH LOWER STROKE'S TO KEEP SYNC



Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
19:00	2.50	21:30	2	DRILL ACTUAL	DRILL 7 7/8 HOLE F/6074 T/ 6140 - 66' @ 26' HR - W/22-25K WT ON BIT - 50-70 RPM - 537 GPM - 150-200 DIFF - SPP 2320PSI - 7-9K DRILLING TORQUE - OFF BOTTOM TORQUE 5-6K	
21:30	1.00	22:30	8	REPAIR RIG	CHANGE OUT SWIVAL PACKING	
22:30	7.00	05:30	2	DRILL ACTUAL	DRILL 7 7/8 HOLE F/6140 T/ 6412 - 272' @ 38.8' HR - W/22-25K WT ON BIT - 50-70 RPM - 537 GPM - 150-200 DIFF - SPP 2320PSI - 7-9K DRILLING TORQUE - OFF BOTTOM TORQUE 5-6K	
05:30	0.50	06:00	20	DIRECTIONAL WORK	RE-SYNC MWD TOOL	

FD 3-31-2-2 3/8/2013 06:00 - 3/9/2013 06:00

API/UWI 43047527640000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 9,673.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	11.50	17:30	2	DRILL ACTUAL	DRILL 7 7/8 HOLE F/6412 T/ 6738 - 326' @ 28.3' HR - W/22-25K WT ON BIT - 50-70 RPM - 502 GPM - 150-250 DIFF - SPP 1950PSI - 7-9K DRILLING TORQUE - OFF BOTTOM TORQUE 5-6K	
17:30	0.50	18:00	7	LUBRICATE RIG	RIG SERVICE	
18:00	12.00	06:00	2	DRILL ACTUAL	DRILL 7 7/8 HOLE F/6738 T/ 7110 - 372' @ 31' HR - W/22-25K WT ON BIT - 50-70 RPM - 550 GPM - 150 DIFF - SPP 3260PSI - 7-9K DRILLING TORQUE - OFF BOTTOM TORQUE 5-6K	

FD 3-31-2-2 3/9/2013 06:00 - 3/10/2013 06:00

API/UWI 43047527640000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 9,673.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	7.50	13:30	2	DRILL ACTUAL	DRILL 7 7/8 HOLE F/7110 T/ 7333 - 223' @ 29.7' HR - W/22-25K WT ON BIT - 50-70 RPM - 550 GPM - 100-125 DIFF - SPP 2196PSI - 7-9K DRILLING TORQUE - OFF BOTTOM TORQUE 5-6K	
13:30	1.00	14:30	21	OPEN	CHANGE LINER # 1 PUMP	
14:30	3.00	17:30	2	DRILL ACTUAL	DRILL 7 7/8 HOLE F/7333 T/ 7407 - 74' @ 25' HR - W/22-25K WT ON BIT - 50-70 RPM - 550 GPM - 100-125 DIFF - SPP 2196PSI - 7-9K DRILLING TORQUE - OFF BOTTOM TORQUE 5-6K	
17:30	0.50	18:00	7	LUBRICATE RIG	RIG SERVICE	
18:00	0.50	18:30	20	DIRECTIONAL WORK	TROUBLESHOOT MWD TOOL - PULL 3JTS CHECK SIGNAL - SIGNAL GOOD - WASH BACK TO BOTTOM - LOST SIGNAL ONCE ON BOTTOM	
18:30	11.50	06:00	2	DRILL ACTUAL	DRILL 7 7/8 HOLE F/7407 T/ 7679 - 272' @ 24' HR - W/22-25K WT ON BIT - 50-70 RPM - 550 GPM - 100-125 DIFF - SPP 2196PSI - 7-9K DRILLING TORQUE - OFF BOTTOM TORQUE 5-6K	

FD 3-31-2-2 3/10/2013 06:00 - 3/11/2013 06:00

API/UWI 43047527640000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 9,673.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	8.00	14:00	2	DRILL ACTUAL	DRILL 7 7/8 HOLE F/7679 T/ 7943 - 264' @ 33' HR - W/24-27K WT ON BIT - 50-70 RPM - 550 GPM - 150-225 DIFF - SPP 2440PSI - 7-10K DRILLING TORQUE - OFF BOTTOM TORQUE 6K	
14:00	0.50	14:30	7	LUBRICATE RIG	RIG SERVICE	
14:30	2.00	16:30	5	COND MUD & CIRC	CHANGE OUT 4 SHAKER SCREENS - TWO ON EACH SHAKER - ONE SHAKER WILL NOT HANDLE VOLUME W/ LCM & ASPHALT IN SYSTEM WITHOUT LOSING MUD OVER SHAKER	
16:30	13.50	06:00	2	DRILL ACTUAL	DRILL 7 7/8 HOLE F/7943 T/ 8420 - 477' @ 35.3' HR - W/24-27K WT ON BIT - 50-70 RPM - 550 GPM - 200-275 DIFF - SPP 2550PSI - 7-10K DRILLING TORQUE - OFF BOTTOM TORQUE 6K	

FD 3-31-2-2 3/11/2013 06:00 - 3/12/2013 06:00

API/UWI 43047527640000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 9,673.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	11.50	17:30	2	DRILL ACTUAL	DRILL 7 7/8 HOLE F/8420 T/ 8831 - 411' @ 35.7' HR - W/24-27K WT ON BIT - 50-70 RPM - 550 GPM - 200-275 DIFF - SPP 2320PSI - 7-10K DRILLING TORQUE - OFF BOTTOM TORQUE 6K	

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
17:30	0.50	18:00	7	LUBRICATE RIG	RIGSERVICE
18:00	0.50	18:30	2	DRILL ACTUAL	DRILL 7 7/8 HOLE F/8831 T/ 8860 - W/24-27K WT ON BIT - 50-70 RPM - 550 GPM - 200-275 DIFF - SPP 2550PSI - 7-10K DRILLING TORQUE - OFF BOTTOM TORQUE 6K
18:30	2.50	21:00	21	OPEN	CHANGE LINER & SWAB # 2 PUMP - CIRCULATE WHILE CHANGING - ONLY CAPABLE OF 320GPM WITH ONE PUMP - DECISION MADE TO CIRCULATE TO AVOID UN-NECESSARY WEAR ON M/M & BIT BY DRILLING WITH LOW GPM
21:00	5.00	02:00	2	DRILL ACTUAL	DRILL 7 7/8 HOLE F/8860 T/ 8925 - 65' @ 13' HR - W/27-32K WT ON BIT - 50-70 RPM - 550 GPM - 50-100 DIFF - SPP 2520PSI - 7-10K DRILLING TORQUE - OFF BOTTOM TORQUE 6K - SLIDE 20' 2.85%
02:00	1.00	03:00	5	COND MUD & CIRC	CIRCULATE & BRING M.W. TO 10PPG TO TRIP OUT OF HOLE
03:00	0.50	03:30	6	TRIPS	500' WIPER TRIP BACK ON BOTTOM NO CHANGE IN DRILLING 6' HR - FLOW CHECK BEFORE T.I.H. POSITIVE WELL FLOWING.
03:30	2.00	05:30	5	COND MUD & CIRC	CIRCULATE B/U 2350 B/U GAS - BUILD SLUG & WEIGHTED PILL (30BBLS 11PPG W/ 30% LCM) TO SPOT ON BOTTOM TO EQUAL HYDROSTATIC PRESSURE DIFFERENCE WITH ECD PPG AND ACTUAL M.W PPG ON BOTTOM PREP TRIP TANKS FOR T.O.O.H. & FILL

FD 3-31-2-2 3/12/2013 06:00 - 3/13/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047527640000	UT	Uintah	Fort Duchesne	COMPLETION	9,673.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	5	COND MUD & CIRC	CIRCULATE WHILE FILLING TRIP TANK - FLOW CHECK
07:00	0.50	07:30	7	LUBRICATE RIG	RIG SERVICE
07:30	0.50	08:00	8	REPAIR RIG	WORK ON ROUGHNECK
08:00	5.00	13:00	6	TRIPS	T.O.O.H. F/ 8927 T/ 5596 - HOLE STOPPED TAKING FLUID
13:00	1.00	14:00	5	COND MUD & CIRC	CIRCULATE B/U @ 5596 NO GAS - FLOW CHECK NEGATIVE
14:00	7.50	21:30	6	TRIPS	T.O.O.H. F/ 5596 T/ DIRECTIONAL TOOLS - L/D DIRECTIONAL TOOLS, REAMERS, & M/M
21:30	2.50	00:00	6	TRIPS	T.I.H. T/ 1547
00:00	1.00	01:00	9	CUT OFF DRILL LINE	SLIP AND CUT DRILL LINE
01:00	5.00	06:00	6	TRIPS	CONTINUE TRIP IN HOLE FILLING EVERY 1500' AND BREAKING CIRCULATION.

FD 3-31-2-2 3/13/2013 06:00 - 3/14/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047527640000	UT	Uintah	Fort Duchesne	COMPLETION	9,673.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.50	09:30	6	TRIPS	TIH, WASH LAST 600' TO BOTTOM
09:30	7.00	16:30	2	DRILL ACTUAL	DRILL ACTUAL F/8927' - T/9156'
16:30	0.50	17:00	7	LUBRICATE RIG	RIG SERVICE
17:00	13.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL F/9156' - T/9590'

FD 3-31-2-2 3/14/2013 06:00 - 3/15/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047527640000	UT	Uintah	Fort Duchesne	COMPLETION	9,673.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.00	09:00	2	DRILL ACTUAL	DRILL ACTUAL F/9590' - T/9673' TD
09:00	1.00	10:00	5	COND MUD & CIRC	PUMP SWEEP, CIRCULATE
10:00	2.50	12:30	6	TRIPS	SHORT TRIP 20 JOINTS
12:30	1.50	14:00	5	COND MUD & CIRC	PUMP SWEEP, CIRCULATE, FLOW CHECK, WELL FLOWING 5 GAL/MIN
14:00	4.00	18:00	5	COND MUD & CIRC	WEIGHT UP TO 10.1PPG, BUILD VOLUME, ADD LCM FOR LOSSES
18:00	1.00	19:00	5	COND MUD & CIRC	CIRCULATE AND MAKE SLUG
19:00	4.00	23:00	6	TRIPS	TOOH/LDDP TO 4000'
23:00	0.50	23:30	6	TRIPS	FLOW CHECK/NO FLOW
23:30	2.50	02:00	6	TRIPS	TOOH/LDDP
02:00	2.00	04:00	11	WIRELINE LOGS	RIG UP HALLIBURTON WIRELINE
04:00	2.00	06:00	11	WIRELINE LOGS	RUN WIRELINE LOGS

**FD 3-31-2-2 3/15/2013 06:00 - 3/16/2013 06:00**

API/UWI 43047527640000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 9,673.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	4.00	10:00	11	WIRELINE LOGS	RUN WIRELINE LOGS, TD = 9670'
10:00	11.00	21:00	12	RUN CASING & CEMENT	RUN 217 JTS 9663' 5.5" 17# P-110 LT&C CASING W/ 3 MARKERS AND 69 CENTRALIZERS
21:00	0.50	21:30	5	COND MUD & CIRC	BUILD 20% LCM SWEEP AND PUMP TO CLEAR SHOE
21:30	0.50	22:00	12	RUN CASING & CEMENT	RECIPRICATE LAST 100' OF CASING/PARTIAL RETURNS ON BOTTOM, LOST APPROX. 25 BBLS.
22:00	5.50	03:30	12	RUN CASING & CEMENT	R/U HALLIBURTON CEMENT EQUIPMENT - FILL LINES & PRESSURE TEST TO 5000PSI - PUMP 10BBLS H2O - PUMP 40BBL SUPER FLUSH - PUMP 10BBLS WATER SPACER - PUMP 368 BBLS 745 SKS LEAD CEMENT @ 11 PPG, 2.32 F3/SK, 10.61 GAL/SK - PUMP 483 BBLS 450 SKS TAIL CEMENT @ 13.6PPG, 1.43 F3/SK, 6.65 GAL/SK - SHUT DOWN & WASH LINES - DISPLACE 222.1 BBLS WATER W/ ALDACIDE AND CLA-WEB - SLOW RATE TO 6 BBLS MIN AFTER 177 BBLS GONE - SLOW RATE TO 3 BBLS MIN AFTER 210 BBLS DISP. GONE - BUMP PLUG AFTER 221 BBLS DISP. GONE, OVER PRESSURE TO 3054 PSI - HELD FOR 1 MIN. FLOATS HELD. 2.5 BBLS BACK. RIG DOWN
03:30	1.00	04:30	21	OPEN	SET SLIPS @ 204K, 30K OVER STRING WT. OF 174K
04:30	1.50	06:00	14	NIPPLE UP B.O.P	NIPPLE DOWN

FD 3-31-2-2 3/16/2013 06:00 - 3/16/2013 10:00

API/UWI 43047527640000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 9,673.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	4.00	10:00	14	NIPPLE UP B.O.P	NIPPLE DOWN, CLEAN TANKS, RELEASE RIG @ 10:00 HRS.

FD 3-31-2-2 3/18/2013 06:00 - 3/19/2013 06:00

API/UWI 43047527640000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 9,673.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	CLEAN CELLAR

FD 3-31-2-2 3/19/2013 06:00 - 3/20/2013 06:00

API/UWI 43047527640000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 9,673.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	CHECK PRESSURE. ND 11" NIGHT CAP. MAKE FINAL CUT ON 5-1/2" CSG. INSTALL AND TEST 7" 5K TBG HEAD. NU 7" NIGHT CAP.

FD 3-31-2-2 3/20/2013 06:00 - 3/21/2013 06:00

API/UWI 43047527640000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 9,673.0	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	SRIG	Rig Up/Down	MIRU SLB W/L Crew And Equipment. Hold Safety Meeting. Rig Up Gauge Ring And Logging Tool.
07:00	5.00	12:00	LOGG	Logging	P/U Junk Basket/Gauge Ring. RIH, Tagged Up At 9,560', Drilling Report Shows FC At 9,571', 11' Of Fill. POOH, P/U CBL Tool, Rih To PBTD, 9,560', Correlating To HES Spectral Density/ Dual Spaced Neutron Dated 03-15-2013. Run Repeat Section From 9,560 - 9,200', Log Up Hole. Showed Good Bond From TD To 6,000 With Ratty Spots, 6,000 - 2,670' Ok With Ratty Spots. TOC 2,670'. Found Short Joints At 8,023 - 8,045, 7,460 - 7,482' And 6,002 - 6,020'. Ran With Pressure. Pooh, RD Equipment, MOL.
12:00	18.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured

FD 3-31-2-2 3/21/2013 06:00 - 3/22/2013 06:00

API/UWI 43047527640000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 9,673.0	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	Run CCL Thru Pass To Show Collars On Log. Run GYRO Tool. Construction Crew Con't On Facilities.

FD 3-31-2-2 3/27/2013 06:00 - 3/28/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047527640000	UT	Uintah	Fort Duchesne	COMPLETION	9,673.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	Finish Setting Frac Line/Fill Construction Crew Working On Facilities. Rig Up FlowBack And SandTrap To FBT's.

FD 3-31-2-2 3/28/2013 06:00 - 3/29/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047527640000	UT	Uintah	Fort Duchesne	COMPLETION	9,673.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	Construction Crew Con't On Facilities. Continue Filling Frac Line. Set Frac Mandrel, Test. Set Frac Tree, Test. Plumb In FlowBack To Tree, Test.

FD 3-31-2-2 3/29/2013 06:00 - 3/30/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047527640000	UT	Uintah	Fort Duchesne	COMPLETION	9,673.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	Construction Crew Working On Facilities. Finish Filling Frac Line.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: FD 3-31-2-2
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0835 FNL 1905 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 31 Township: 02.0S Range: 02.0E Meridian: U		9. API NUMBER: 43047527640000
PHONE NUMBER: 303 312-8164 Ext		9. FIELD and POOL or WILDCAT: WILDCAT
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/3/2013	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input 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: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. first production: 4/3/13 first oil sales: 4/8/13		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 26, 2013		
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 4/11/2013	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: FD 3-31-2-2
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0835 FNL 1905 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 31 Township: 02.0S Range: 02.0E Meridian: U		9. API NUMBER: 43047527640000
PHONE NUMBER: 303 312-8164 Ext		9. FIELD and POOL or WILDCAT: WILDCAT
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input 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: 4/30/2013	<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"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER	
	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Attached is the April 2013 Drilling Activity for this well.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 03, 2013		
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 5/3/2013	

**FD 3-31-2-2 4/1/2013 06:00 - 4/2/2013 06:00**

API/UWI 43047527640000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,673.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	0.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. HES Arrive On Location. Prime Up Chemicals And HP. Run QA On Fluids. Pressure Test Iron To 9500#.	
06:00	0.00	06:00	SMTG	Safety Meeting	Hold Safety Meeting. Talked About Smoking Area, Mustering Area, Red Zones, Escapes Routes, Etc.	
06:00	0.92	06:55	FRAC	Frac. Job	<p>Frac Stage 1. Fluid System: Hybor G 16 Open Well, 663 Psi. ICP. BrokeDown At 9.5 Bpm And 3,012 Psi.. Pump 3900 Gals. 15% HCL And 108 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 70.1 Bpm And 5,040 Psi., Get ISIP, 2,827 Psi.. 0.74 Psi./Ft. F.G.. 35/54 Holes. Con't With SlickWater Pad, 29,807 Gals.. Stage Into .75# 100 Mesh Pad, 64.8 Bpm At 4,504 Psi.. On Perfs, 70.7 Bpm At 4,989 Psi., 9,350 Gals. Stage Into 2.0# 20/40 White Prop, 70.7 Bpm At 4,990 Psi.. On Perfs, 71.0 Bpm At 4,342 Psi., 9,980 Gals. Stage Into 3.0# 20/40 White Prop, 71.1 Bpm At 4,314 Psi.. On Perfs, 71.0 Bpm At 3,793 Psi., 4,603 Gals. Stage Into 4.0# 20/40 White Prop, 71.0 Bpm At 4,035 Psi.. On Perfs, 71.1 Bpm At 3,730 Psi., 12,959 Gals. Stage Into 5.0# 20/40 White Prop, 71.1 Bpm At 3,766 Psi.. On Perfs, 71.0 Bpm At 3,699 Psi., 12,727 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 3,189 Psi.. 0.78 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 7,000# Total 20/40 White Prop - 140,400# Total Clean - 103,245 Gals.. 2,458 Bbls.. BWTR - 2,597 Bbls. Max. Rate - 72.6 Bpm Avg. Rate - 70.4 Bpm Max. Psi. - 4,992 Psi. Avg. Psi. - 4,159 Psi.</p>	
06:55	0.17	07:05	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.	
07:05	1.25	08:20	PFRT	Perforating	<p>RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES Dual Spaced Neutron/Spectral Density Dated 03-15-2013 And SLB CBL/CCL Dated 03-20-2013. Found And Correlated To Short Joint At 8,023 - 8,045'. Drop Down To Depth, Set CBP At 9,241'. 2,650 Psi.. Perforate Stage 2 Castle Peak Zone, 8,999 - 9,221'. 45 Holes. 2,450 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.</p>	
08:20	0.33	08:40	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.	
08:40	1.00	09:40	FRAC	Frac. Job	<p>Frac Stage 2. Fluid System: Hybor G 16 Open Well, 2,412 Psi. ICP. BrokeDown At 10.4 Bpm And 2,759 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 70.5 Bpm And 4,965 Psi., Get ISIP, 2,541 Psi.. 0.72 Psi./Ft. F.G.. 35/45 Holes. Con't With SlickWater Pad, 32,064 Gals.. Stage Into .75# 100 Mesh Pad, 69.3 Bpm At 4,500 Psi.. On Perfs, 70.5 Bpm At 4,690 Psi., 10,668 Gals. Stage Into 2.0# 20/40 White Prop, 70.4 Bpm At 4,680 Psi.. On Perfs, 70.4 Bpm At 4,314 Psi., 9,667 Gals. Stage Into 3.0# 20/40 White Prop, 70.5 Bpm At 4,260 Psi.. On Perfs, 70.5 Bpm At 3,928 Psi., 8,896 Gals. Stage Into 4.0# 20/40 White Prop, 70.6 Bpm At 3,928 Psi.. On Perfs, 70.6 Bpm At 3,755 Psi., 12,722 Gals. Stage Into 5.0# 20/40 White Prop, 70.5 Bpm At 3,780 Psi.. On Perfs, 70.4 Bpm At 3,830 Psi., 12,361 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 3,208 Psi.. 0.79 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 8,000# Total 20/40 White Prop - 150,200# Total Clean - 109,343 Gals.. 2,603 Bbls.. BWTR - 2,765 Bbls. Max. Rate - 71.1 Bpm Avg. Rate - 70.4 Bpm Max. Psi. - 4,698 Psi. Avg. Psi. - 4,121 Psi.</p>	



Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
09:40	0.08	09:45	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
09:45	1.25	11:00	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES Dual Spaced Neutron/Spectral Density Dated 03-15-2013 And SLB CBL/CCL Dated 03-20-2013. Found And Correlated To Short Joint At 8,023 - 8,045'. Drop Down To Depth, Set CBP At 8,970'. 2,550 Psi.. Perforate Stage 3 Castle Peak Zone, 8,660 - 8,956'. 45 Holes. 2,300 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
11:00	0.09	11:05	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.
11:05	1.08	12:10	FRAC	Frac. Job	Frac Stage 3. Fluid System: Hybor G 16 Open Well, 2,230 Psi. ICP. BrokeDown At 10.4 Bpm And 2,725 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 70.5 Bpm And 4,590 Psi., Get ISIP, 2,644 Psi.. 0.74 Psi./Ft. F.G.. 34/45 Holes. Con't With SlickWater Pad, 32,116 Gals.. Stage Into .75# 100 Mesh Pad, 70.6 Bpm At 4,423 Psi.. On Perfs, 70.2 Bpm At 4,651 Psi., 10,838 Gals. Stage Into 2.0# 20/40 White Prop, 70.2 Bpm At 4,726 Psi.. On Perfs, 70.4 Bpm At 4,305 Psi., 9,406 Gals. Stage Into 3.0# 20/40 White Prop, 70.4 Bpm At 4,261 Psi.. On Perfs, 70.4 Bpm At 3,836 Psi., 10,106 Gals. Stage Into 4.0# 20/40 White Prop, 70.4 Bpm At 3,838 Psi.. On Perfs, 70.3 Bpm At 3,706 Psi., 12,385 Gals. Stage Into 5.0# 20/40 White Prop, 70.3 Bpm At 3,725 Psi.. On Perfs, 70.3 Bpm At 3,717 Psi., 12,081 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 3,058 Psi.. 0.79 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 8,200# Total 20/40 White Prop - 150,200# Total Clean - 109,432 Gals.. 2,606 Bbls.. BWTR - 2,745 Bbls. Max. Rate - 70.5 Bpm Avg. Rate - 70.3 Bpm Max. Psi. - 4,737 Psi. Avg. Psi. - 4,065 Psi.
12:10	0.08	12:15	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
12:15	1.17	13:25	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES Dual Spaced Neutron/Spectral Density Dated 03-15-2013 And SLB CBL/CCL Dated 03-20-2013. Found And Correlated To Short Joint At 8,023 - 8,045'. Drop Down To Depth, Set CBP At 8,652'. 2,600 Psi.. Perforate Stage 4 Castle Peak/Black Shale/Douglas Creek Zone, 8,399 - 8,639'. 45 Holes. 2,200 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
13:25	0.08	13:30	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.



Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
13:30	1.00	14:30	FRAC	Frac. Job	<p>Frac Stage 4. Fluid System: Hybor G 16 Open Well, 2,172 Psi. ICP. BrokeDown At 10.4 Bpm And 4,300 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 70.6 Bpm And 4,826 Psi., Get ISIP, 2,823 Psi.. 0.77 Psi./Ft. F.G.. 36/45 Holes. Con't With SlickWater Pad, 34,581 Gals.. Stage Into .75# 100 Mesh Pad, 70.8 Bpm At 4,485 Psi.. On Perfs, 70.6 Bpm At 4,654 Psi., 11,037 Gals. Stage Into 2.0# 20/40 White Prop, 70.6 Bpm At 4,661 Psi.. On Perfs, 70.7 Bpm At 4,225 Psi., 9,098 Gals. Stage Into 3.0# 20/40 White Prop, 70.7 Bpm At 4,186 Psi.. On Perfs, 70.6 Bpm At 3,961 Psi., 11,030 Gals. Stage Into 4.0# 20/40 White Prop, 70.6 Bpm At 3,951 Psi.. On Perfs, 70.5 Bpm At 3,902 Psi., 12,148 Gals. Stage Into 5.0# 20/40 White Prop, 70.5 Bpm At 4,027 Psi.. On Perfs, 70.3 Bpm At 4,215 Psi., 11,956 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 3,133 Psi.. 0.81 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 8,300# Total 20/40 White Prop - 150,400# Total Clean - 112,099 Gals.. 2,669 Bbls.. BWTR - 2,819 Bbls. Max. Rate - 70.8 Bpm Avg. Rate - 70.5 Bpm Max. Psi. - 4,662 Psi. Avg. Psi. - 4,212 Psi.</p>
14:30	0.09	14:35	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
14:35	1.17	15:45	PFRT	Perforating	<p>RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES Dual Spaced Neutron/Spectral Density Dated 03-15-2013 And SLB CBL/CCL Dated 03-20-2013. Found And Correlated To Short Joint At 8,023 - 8,045'. Drop Down To Depth, Set CBP At 8,652'. 2,600 Psi.. Perforate Stage 5 Douglas Creek Zone, 8,099 - 8,353'. 45 Holes. 2,200 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.</p>
15:45	0.08	15:50	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.
15:50	1.00	16:50	FRAC	Frac. Job	<p>Frac Stage 5. Fluid System: Hybor G 16 Open Well, 2,295 Psi. ICP. BrokeDown At 10.4 Bpm And 4,300 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 70.9 Bpm And 4,727 Psi., Get ISIP, 2,757 Psi.. 0.77 Psi./Ft. F.G.. 33/45 Holes. Con't With SlickWater Pad, 34,653 Gals.. Stage Into .75# 100 Mesh Pad, 70.7 Bpm At 4,477 Psi.. On Perfs, 70.4 Bpm At 4,680 Psi., 11,138 Gals. Stage Into 2.0# 20/40 White Prop, 70.3 Bpm At 4,668 Psi.. On Perfs, 70.4 Bpm At 4,205 Psi., 8,838 Gals. Stage Into 3.0# 20/40 White Prop, 70.5 Bpm At 4,165 Psi.. On Perfs, 70.4 Bpm At 3,909 Psi., 12,103 Gals. Stage Into 4.0# 20/40 White Prop, 70.5 Bpm At 3,852 Psi.. On Perfs, 70.6 Bpm At 3,918 Psi., 11,791 Gals. Stage Into 5.0# 20/40 White Prop, 70.6 Bpm At 3,918 Psi.. On Perfs, 70.6 Bpm At 4,002 Psi., 11,687 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 3,041 Psi.. 0.81 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 8,300# Total 20/40 White Prop - 150,100# Total Clean - 111,719 Gals.. 2,660 Bbls.. BWTR - 2,805 Bbls. Max. Rate - 70.8 Bpm Avg. Rate - 70.5 Bpm Max. Psi. - 4,691 Psi. Avg. Psi. - 4,158 Psi.</p>
16:50	0.17	17:00	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
17:00	1.08	18:05	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES Dual Spaced Neutron/Spectral Density Dated 03-15-2013 And SLB CBL/CCL Dated 03-20-2013. Found And Correlated To Short Joint At 7,460 - 7,482'. Drop Down To Depth, Set CBP At 8,085'. 2,800 Psi.. Perforate Stage 6 Douglas Creek/TGR3 Zone, 7,829 - 8,077'. 45 Holes. 1,800 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
18:05	11.92	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. SDFD.

FD 3-31-2-2 4/2/2013 06:00 - 4/3/2013 06:00

API/UWI 43047527640000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,673.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. HES Arrive On Location. Prime Up Chemicals And HP. Run QA On Fluids. Pressure Test Iron To 9500#.
06:00	0.00	06:00	SMTG	Safety Meeting	Hold Safety Meeting. Talked About Smoking Area, Mustering Area, Red Zones, Escapes Routes, Etc.
06:00	0.84	06:50	FRAC	Frac. Job	Frac Stage 6. Fluid System: Hybor G 16 Open Well, 1,620 Psi. ICP. BrokeDown At 10.0 Bpm And 2,839 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 70.8 Bpm And 4,892 Psi., Get ISIP, 2,184 Psi.. 0.71 Psi./Ft. F.G.. 28/45 Holes. Con't With SlickWater Pad, 37,038 Gals.. Stage Into .75# 100 Mesh Pad, 70.5 Bpm At 4,462 Psi.. On Perfs, 70.4 Bpm At 4,682 Psi., 12,357 Gals. Stage Into 2.0# 20/40 White Prop, 70.4 Bpm At 4,582 Psi.. On Perfs, 70.6 Bpm At 3,965 Psi., 8,574 Gals. Stage Into 3.0# 20/40 White Prop, 70.7 Bpm At 3,928 Psi.. On Perfs, 70.7 Bpm At 3,573 Psi., 16,342 Gals. Stage Into 4.0# 20/40 White Prop, 70.6 Bpm At 3,592 Psi.. On Perfs, 70.6 Bpm At 3,559 Psi., 11,589 Gals. Stage Into 5.0# 20/40 White Prop, 70.8 Bpm At 3,627 Psi.. On Perfs, 70.5 Bpm At 3,759 Psi., 11,230 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 2,495 Psi.. 0.75 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 9,400# Total 20/40 White Prop - 160,100# Total Clean - 118,105 Gals.. 2,812 Bbls.. BWTR - 3,005 Bbls. Max. Rate - 70.8 Bpm Avg. Rate - 70.6 Bpm Max. Psi. - 4,701 Psi. Avg. Psi. - 3,923 Psi.
06:50	0.50	07:20	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
07:20	1.17	08:30	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES Dual Spaced Neutron/Spectral Density Dated 03-15-2013 And SLB CBL/CCL Dated 03-20-2013. Found And Correlated To Short Joint At 7,460 - 7,482'. Drop Down To Depth, Set CBP At 7,816'. 2,200 Psi.. Perforate Stage 7 TGR3/R4 Zone, 7,530 - 7,804'. 45 Holes. 1,850 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
08:30	0.08	08:35	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
08:35	1.08	09:40	FRAC	Frac. Job	Frac Stage 7. Fluid System: Hybor G 16 Open Well, 1,735 Psi. ICP. BrokeDown At 10.5 Bpm And 2,211 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 71.2 Bpm And 3,875 Psi., Get ISIP, 1,238 Psi.. 0.60 Psi./Ft. F.G.. 28/45 Holes. Con't With SlickWater Pad, 36,984 Gals.. Stage Into .75# 100 Mesh Pad, 70.8 Bpm At 3,350 Psi.. On Perfs, 70.8 Bpm At 3,537 Psi., 12,636 Gals. Stage Into 2.0# 20/40 White Prop, 70.8 Bpm At 3,488 Psi.. On Perfs, 70.8 Bpm At 3,257 Psi., 8,207 Gals. Stage Into 3.0# 20/40 White Prop, 70.8 Bpm At 3,207 Psi.. On Perfs, 70.9 Bpm At 2,797 Psi., 17,423 Gals. Stage Into 4.0# 20/40 White Prop, 70.8 Bpm At 2,731 Psi.. On Perfs, 70.9 Bpm At 2,587 Psi., 11,262 Gals. Stage Into 5.0# 20/40 White Prop, 70.9 Bpm At 2,579 Psi.. On Perfs, 70.8 Bpm At 2,514 Psi., 12,311 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 1,662 Psi.. 0.65 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 9,620# Total 20/40 White Prop - 158,800# Total Clean - 119,350 Gals.. 2,841 Bbls.. BWTR - 3,026 Bbls. Max. Rate - 71.0 Bpm Avg. Rate - 70.8 Bpm Max. Psi. - 3,542 Psi. Avg. Psi. - 2,960 Psi.
09:40	0.33	10:00	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up CBP Plug Assembly. Equalize To Well Pressure.
10:00	1.00	11:00	PFRT	Perforating	RIH With 3 1/8" Sinker Bar And CBP Plug Assembly Correlating To HES Dual Spaced Neutron/Spectral Density Dated 03-15-2013 And SLB CBL/CCL Dated 03-20-2013. Found And Correlated To Short Joint At 7,460 - 7,482'. Drop Down To Depth, Set CBP At 7,440'. 1,300 Psi.. Bleed Pressure Off Well. POOH. LayDown Tools, WSI And Secured.
11:00	3.00	14:00	SRIG	Rig Up/Down	RigDown WireLine And Frac Crews, MOL.
14:00	16.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. Batch Water, Start Moving Frac Tanks Off Location. SDFD. STONE RIG 7 ROAD FROM 5-21D-46 TOWARDS LOCATION.

FD 3-31-2-2 4/3/2013 06:00 - 4/4/2013 06:00

API/UWI 43047527640000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,673.0	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	1.50	08:30	RMOV	Rig Move	VERY MUDDY CONDITIONS. CHAIN RIG UP. ROAD RIG TO LOCATION.
08:30	1.00	09:30	SRIG	Rig Up/Down	R/U RIG & EQUIPMENT.
09:30	3.50	13:00	BOPI	Install BOP's	SIWP- 0. N/D FRAC TREE. N/U BOP. R/U FLOOR & EQUIPMENT. SPOT CATWALK & PIPE RACKS. LOAD 311 JTS 2-7/8 ON RACKS.
13:00	3.00	16:00	RUTB	Run Tubing	P/U 4-3/4 BIT, POBS, 1 JT 2-7/8 TBG & XN- NIPPLE. RIH W/ BHA P/U NEW 2-7/8 TBG TO KILL PLUG @ 7440'.
16:00	3.00	19:00	DOPG	Drill Out Plugs	R/U POWER SWIVEL BREAK CIRC. TEST CIRC EQUIPMENT & BOP TO 1500 PSI, HELD. D/O CBP'S @ 7440'. FCP- 800 ON 28/64 CHOKE. SWIVEL IN HOLE, TAG SAND @ 7785'. C/O SAND & D/O CBP @ 7816'. FCP- 850 ON 28/64 CHOKE. CIRC CLEAN. R/D SWIVEL. PULL ABOVE PERFS. SDFN. TURN OVER TO FLOW BACK.
19:00	11.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SECURE.

FD 3-31-2-2 4/4/2013 06:00 - 4/5/2013 06:00

API/UWI 43047527640000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,673.0	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.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
07:00	8.00	15:00	DOPG	Drill Out Plugs	FCP- 500 ON 24/64 CHOKE. RIH F/ TOP OF PERFS W/ BIT. TAG SAND @ 8070'. R/U SWIVEL. BREAK CIRC. C/O SAND & D/O CBP @ 8085'. FCP- 600 ON 28/64 CHOKE. SWIVEL IN HOLE. TAG SAND @ 8353'. C/O SAND & D/O CBP @ 8373'. FCP- 820 ON 28/64 CHOKE. SWIVEL IN HOLE. TAG SAND @ 8622'. C/O SAND & D/O CBP @ 8652'. FCP- 950 ON 32/64 CHOKE. SWIVEL IN HOLE. TAG SAND @ 8955'. C/O SAND & D/O CBP @ 8970'. FCP- 1100 ON 32/64 CHOKE. SWIVEL IN HOLE. TAG SAND @ 9221'. C/O SAND & D/O CBP @ 9241'. FCP- 1200 ON 32/64 CHOKE. SWIVEL IN HOLE, TAG SAND @ 9540'. C/O SAND, D/O FLOAT COLLAR @ 9571. C/O CMT TO 9645'. CIRC WELL CLEAN. PUMPED 350 BBLS TOTAL. R/D SWIVEL.
15:00	1.50	16:30	PULT	Pull Tubing	PULL ABOVE PERFS L/D 2-7/8 TBG TO 7499' & LAND TBG. 236 JTS TOTAL IN HOLE.
16:30	1.50	18:00	BOPI	Install BOP's	R/D FLOOR. N/D BOPE. N/U WELLHEAD. DROP BALL DOWN TBG & PUMPED BIT OFF. R/U TO SALES LINE. TURN OVER TO FLOW BACK. SDFN.
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SECURE.

FD 3-31-2-2 4/5/2013 06:00 - 4/6/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047527640000	UT	Uintah	Fort Duchesne	PRODUCING	9,673.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HOLD SAFETY MEETING.
07:00	5.00	12:00	SRIG	Rig Up/Down	R/D RIG & EQUIPMENT. CLEAN LOCATION. MOVE RIG OFF LOCATION. SERVICE RIG. SDFN.
12:00	18.00	06:00	CTRL	Crew Travel	CREW TRAVEL.

FD 3-31-2-2 4/8/2013 06:00 - 4/9/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047527640000	UT	Uintah	Fort Duchesne	PRODUCING	9,673.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	LOGG	Logging	MIRU SLB. RUN PROD LOG. RDMO SLB.

FD 3-31-2-2 4/23/2013 06:00 - 4/24/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047527640000	UT	Uintah	Fort Duchesne	PRODUCING	9,673.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL
07:00	2.00	09:00	GOP	General Operations	DIG W/ PICK AND SHOVEL, UNABLE TO LOCATE DEADMEN. USE BACK HOE. FOUND DEADMAN.
09:00	1.00	10:00	SRIG	Rig Up/Down	RUSU. INSPECT DERRICK
10:00	1.50	11:30	BOPI	Install BOP's	ND WH. NU BOP. RU FLOOR. UNLAND HANGER.
11:30	1.00	12:30	RUTB	Run Tubing	PU 65-JTS TO TAG FILL AT 9598'. LD 4-JTS.
12:30	2.50	15:00	PULT	Pull Tubing	POOH W/ 299-JTS TBG.
15:00	2.50	17:30	RUTB	Run Tubing	MU PROD BHA AND RIH W/ 2-7/8" TBG. TBG DETAIL HANGER 293-JTS 2-7/8" TBG 5-1/2" (1/4 SET) TAC 2-JTS 2-7/8" TBG PSN 4' TBG SUB DESANDER 4-JTS 2-7/8" TBG BULL PLUG
17:30	1.50	19:00	GOP	General Operations	RD FLOOR. ND BOP. SET TAC W/ 20K TEN. LAND HANGER. NU WH. X-O FOR RODS.
19:00	11.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SECURE FOR NIGHT.


FD 3-31-2-2 4/24/2013 06:00 - 4/25/2013 06:00

API/UWI 43047527640000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,673.0	Primary Job Type Drilling & Completion
---------------------------	----------------------	------------------	-----------------------------	--------------------------	-------------------------------	---

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	GOP	General Operations	FLUSH TBG W/ 60 BBLs. PREP RODS.
09:00	5.00	14:00	RURP	Run Rods & Pump	P/U ROD PUMP & PRIME. RIH W/ ROD PUMP P/U NEW RODS. SPACE OUT & SEAT PUMP. FILL TBG & STOKE TEST TBG TO 800 PSI, HELD. HANG OFF RODS. 40' POLISH ROD. PONY. 2', 8'. 100- 1" RODS. WG 137- 7/8" RODS. WG 96- 3/4" RODS. WG 40- 1" RODS. WG SHEAR SUB. PUMP 25-1.75-RHBC-36'.
14:00	1.50	15:30	SRIG	Rig Up/Down	R/D RIG & EQUIPMENT. SLIDE IN UNIT. PWOP.
15:30	2.50	18:00	RMOV	Rig Move	ROAD RIG TO 94-4-45 BTR. COULD NOT RIG UP, FRAC TREE IN THE WAY. SDFN.
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SECURE.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
1. TYPE OF WELL Oil Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP	7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	8. WELL NAME and NUMBER: FD 3-31-2-2
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0835 FNL 1905 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 31 Township: 02.0S Range: 02.0E Meridian: U	9. API NUMBER: 43047527640000
PHONE NUMBER: 303 312-8134 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
COUNTY: UINTAH	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/25/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input 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.

BBC requests permission to flare no more than 2800 MCF through pipeline installation. BBC had anticipated having the sales pipeline connected in June before the well reached the 1800 MCF per month limit. As of June 23th, MTD production is 1679 MCF. Current production is 180 BO, 144 BW, 120 MCF. BBC is requesting a onetime increased flaring allowance of up to but no more than 2800 MCF. The sales pipeline has been trenched and laid. BBC is in the process of testing the pipeline and covering the trench. Anticipated completion and tie in to sales is expected to be no later than July 12th, 2013. With oil production of 180 BOPD, BBC requests to continue flaring until the well is connected to sales as SI the well could damage the wellbore and future production. This line will also connect the FD 3-32-2-2 at the same time.

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

Date: June 25, 2013
By: *Derek Duff*

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 6/25/2013	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FD 3-31-2-2
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047527640000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext
	9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0835 FNL 1905 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 31 Township: 02.0S Range: 02.0E Meridian: U	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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/6/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text" value="SSD"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 ATTACHED PLEASE FIND THE SITE FACILITY DIAGRAM/SECURITY PLAN.

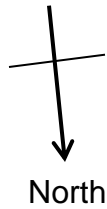
**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 July 01, 2013**

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 6/10/2013	

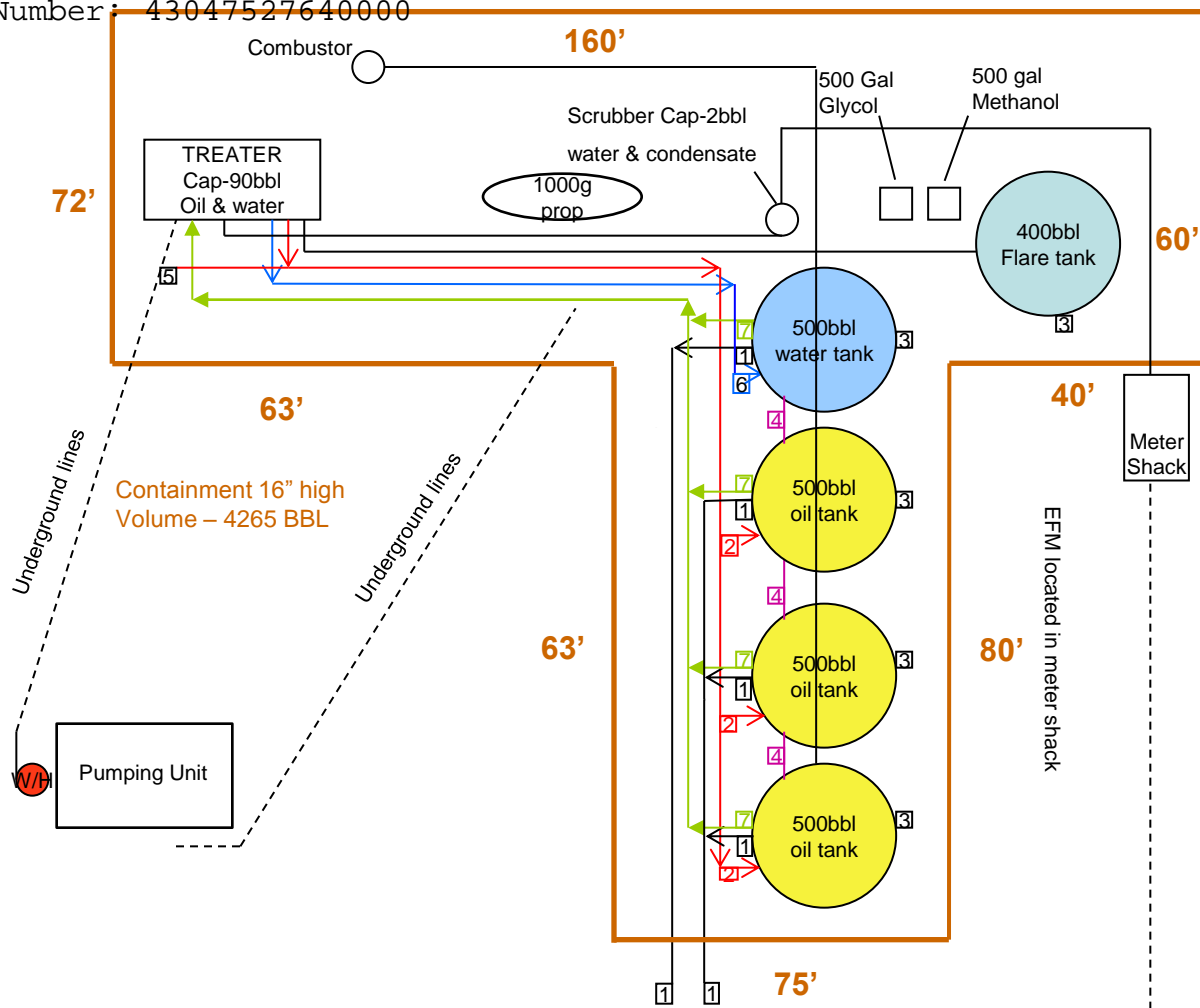
Sundry Number: 38879 API Well Number: 43047527640000

BILL BARRETT CORPORATION

FEE
Fort Duchesne 3-31-2-2
NE¼ NW¼ SEC 31,T2S, R2E,
Lease # FEE
API # 43-047-52764
Uintah Co. Utah



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



Surface Drainage to North and West.

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

Entrance →

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

AMENDED REPORT FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER:
FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT OR CA AGREEMENT NAME

8. WELL NAME and NUMBER:
FD 3-31-2-2

9. API NUMBER:
4304752764

10. FIELD AND POOL, OR WILDCAT
WILDCAT

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
NENW 31 2S 2E U

12. COUNTY
Uintah

13. STATE
UTAH

14. DATE SPURRED: **2/13/2013**

15. DATE T.D. REACHED: **3/14/2013**

16. DATE COMPLETED: **4/3/2013**

ABANDONED READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):
5010 GL

18. TOTAL DEPTH: MD **9,673** TVD **9,673**

19. PLUG BACK T.D.: MD **9,572** TVD **9,571**

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
CBL/GR/TEMP/CCL/MUD

23.
WAS WELL CORED? NO YES (Submit analysis)
WAS DST RUN? NO YES (Submit report)
DIRECTIONAL SURVEY? NO YES (Submit copy)

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

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
26	16 Conq	65#	0	80	80			0	
12 1/4	9 5/8 J-55	36#	0	1,540	1,535	Lead 200	112	0	
						Tail 240	56		
7 7/8	5 1/2 P110	17#	0	9,673	9,663	Tuned 745	368	3936	
						ECON 450	483		

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	9,523							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Green River	7,530	9,221		
(B) Wasatch	9,255	9,530		
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
7,530 9,221	.38	270	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
9,255 9,530	.38	54	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
7530-9221	Green River: See attached Stage 2-7
9255-9530	Wasatch: See attached Stage 1

29. ENCLOSED ATTACHMENTS:

ELECTRICAL/MECHANICAL LOGS GEOLOGIC REPORT DST REPORT DIRECTIONAL SURVEY

SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION CORE ANALYSIS OTHER: _____

30. WELL STATUS:

POW

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 4/3/2013		TEST DATE: 4/8/2013		HOURS TESTED: 24		TEST PRODUCTION RATES: →		OIL - BBL: 349	GAS - MCF: 132	WATER - BBL: 108	PROD. METHOD: Flowing
CHOKE SIZE: 64/64	TBG. PRESS. 160	CSG. PRESS. 650	API GRAVITY 52.00	BTU - GAS 1	GAS/OIL RATIO 378	24 HR PRODUCTION RATES: →		OIL - BBL: 349	GAS - MCF: 132	WATER - BBL: 108	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

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

INTERVAL C (As shown in item #26)

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

INTERVAL D (As shown in item #26)

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

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

Flaring

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Green River	5,137
				Mahogany	6,636
				TGR3	7,743
				Douglas Creek	7,940
				Black Shale Facies	8,489
				Castle Peak	8,581
				Wasatch	9,240
				TD	9,673

35. ADDITIONAL REMARKS (Include plugging procedure)

TOC calculated by CBL. Conductor cemented with grout. First oil sales 4/8/13; gas flaring.

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

NAME (PLEASE PRINT) Brady Riley TITLE Permit Analyst
 SIGNATURE *Brady Riley* DATE 5/2/2013

This report must be submitted within 30 days of

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

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

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

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

FD 3-31-2-2 Completion Report Continued*

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)				
AMOUNT AND TYPE OF MATERIAL				
<u>Stage</u>	<u>Bbls Slurry</u>	<u>gals 100 Mesh Sand</u>	<u>Gals 15 % HCL</u>	<u>gals 20/40 White</u>
1	2460	7000	3900	140400
2	2604	8000	3902	150200
3	2705	8200	3900	150200
4	2669	8260	4006	150440
5	3165	8300	3909	150100
6	2787	9400	3900	160100
7	2839	9620	3924	158820

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

Job Number: UT13202
Company: Bill Barrett Corp
Lease/Well: FD_3-31-2-2
Location: Sec. 31, T2S, R2E
Rig Name: Capstar #328
RKB: 5023'
G.L. or M.S.L.: GL-5010'

State/Country: Utah/USA
Declination: 11.03
Grid: True
File name: C:\WINSERVE\UT13202B.SVY
Date/Time: 13-Mar-13 / 06:11
Curve Name: Actual



Actual

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane .00
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

<i>Measured Depth FT</i>	<i>Incl Angle Deg</i>	<i>Drift Direction Deg</i>	<i>True Vertical Depth</i>	<i>N-S FT</i>	<i>E-W FT</i>	<i>Vertical Section FT</i>	<i>CLOSURE</i>		<i>Dogleg Severity Deg/100</i>
							<i>Distance FT</i>	<i>Direction Deg</i>	
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
108.00	.09	122.73	108.00	-.05	.07	-.05	.08	122.72	.08
198.00	.04	239.81	198.00	-.10	.10	-.10	.14	133.93	.13
290.00	.22	257.30	290.00	-.15	-.10	-.15	.18	211.90	.20
380.00	.13	298.08	380.00	-.14	-.36	-.14	.38	247.82	.16
472.00	.09	267.14	472.00	-.10	-.52	-.10	.53	259.18	.08
563.00	.26	204.35	563.00	-.29	-.68	-.29	.74	246.71	.26
669.00	.35	228.21	669.00	-.73	-1.02	-.73	1.25	234.47	.15
760.00	.31	179.74	760.00	-1.16	-1.22	-1.16	1.68	226.57	.30
851.00	.35	179.08	850.99	-1.68	-1.22	-1.68	2.08	215.90	.04
941.00	.62	172.09	940.99	-2.44	-1.15	-2.44	2.69	205.16	.31
1032.00	.70	175.91	1031.99	-3.48	-1.04	-3.48	3.63	196.61	.10
1122.00	.79	165.01	1121.98	-4.63	-.84	-4.63	4.70	190.27	.19

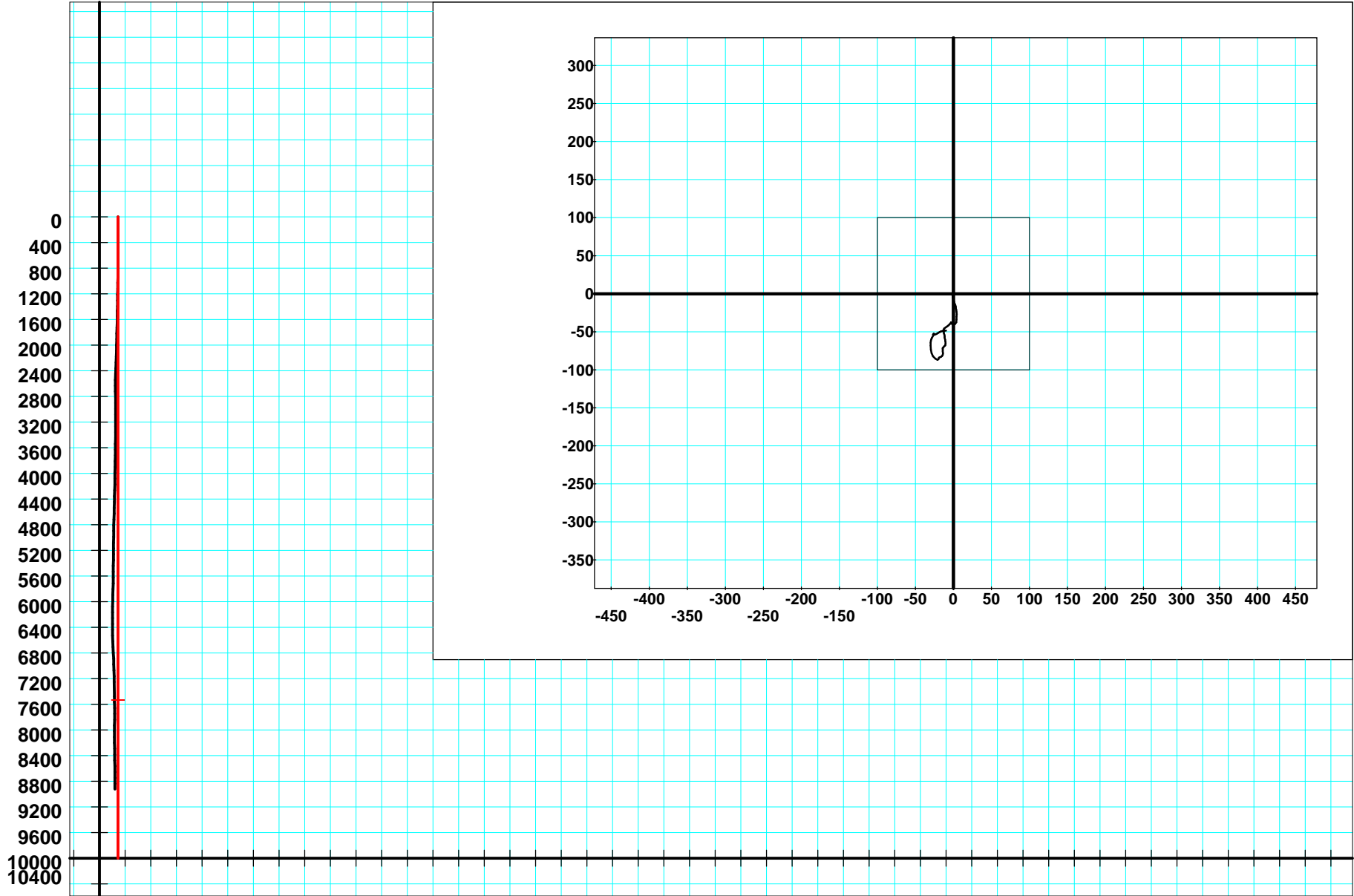
Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
1213.00	.70	170.38	1212.97	-5.78	-.58	-5.78	5.81	185.76	.13
1304.00	.79	168.10	1303.96	-6.94	-.36	-6.94	6.95	182.98	.10
1394.00	.97	165.30	1393.95	-8.29	-.04	-8.29	8.29	180.27	.21
1467.00	1.05	165.00	1466.94	-9.53	.29	-9.53	9.54	178.26	.11
1548.00	1.36	161.24	1547.92	-11.16	.79	-11.16	11.19	175.94	.39
1638.00	1.32	153.39	1637.90	-13.10	1.60	-13.10	13.19	173.04	.21
1729.00	1.63	157.02	1728.87	-15.23	2.57	-15.23	15.44	170.40	.36
1819.00	1.23	177.93	1818.84	-17.37	3.11	-17.37	17.65	169.85	.72
1910.00	1.23	171.34	1909.82	-19.31	3.29	-19.31	19.59	170.33	.16
2001.00	1.45	169.72	2000.79	-21.41	3.64	-21.41	21.72	170.34	.25
2091.00	1.93	171.43	2090.75	-24.03	4.07	-24.03	24.37	170.38	.54
2182.00	1.93	180.61	2181.70	-27.08	4.28	-27.08	27.41	171.01	.34
2272.00	2.07	184.61	2271.65	-30.21	4.14	-30.21	30.49	172.20	.22
2363.00	2.42	182.20	2362.58	-33.77	3.93	-33.77	34.00	173.36	.40
2453.00	2.37	184.22	2452.50	-37.52	3.72	-37.52	37.71	174.34	.11
2544.00	2.20	243.00	2543.44	-40.19	2.03	-40.19	40.25	177.11	2.47
2635.00	1.41	283.60	2634.40	-40.72	-.62	-40.72	40.73	180.87	1.60
2725.00	.88	357.70	2724.38	-39.77	-1.72	-39.77	39.81	182.48	1.60
2816.00	.53	322.20	2815.38	-38.74	-2.01	-38.74	38.79	182.97	.60
2906.00	.60	317.60	2905.37	-38.07	-2.58	-38.07	38.15	183.88	.09
2997.00	.04	274.40	2996.37	-37.71	-2.93	-37.71	37.82	184.45	.63
3088.00	.18	27.90	3087.37	-37.58	-2.90	-37.58	37.69	184.41	.22
3178.00	.31	223.10	3177.37	-37.63	-3.00	-37.63	37.75	184.56	.54
3269.00	.13	163.70	3268.37	-37.91	-3.14	-37.91	38.04	184.73	.29
3359.00	.35	194.60	3358.37	-38.28	-3.18	-38.28	38.41	184.75	.28
3450.00	.66	224.10	3449.36	-38.92	-3.61	-38.92	39.09	185.30	.43
3541.00	.66	224.80	3540.36	-39.67	-4.35	-39.67	39.91	186.25	.01
3631.00	.97	226.36	3630.35	-40.56	-5.26	-40.56	40.90	187.39	.35
3722.00	1.23	223.33	3721.33	-41.81	-6.49	-41.81	42.31	188.83	.29
3812.00	1.19	239.72	3811.31	-42.98	-7.96	-42.98	43.71	190.49	.39
3903.00	1.67	235.46	3902.28	-44.21	-9.87	-44.21	45.30	192.58	.54
3994.00	1.85	229.22	3993.24	-45.92	-12.07	-45.92	47.48	194.73	.29
4084.00	1.27	177.85	4083.21	-47.87	-13.14	-47.87	49.64	195.35	1.61
4175.00	1.41	166.38	4174.19	-49.96	-12.84	-49.96	51.58	194.41	.33

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
4265.00	1.54	167.08	4264.16	-52.22	-12.30	-52.22	53.65	193.26	.15
4356.00	1.10	169.19	4355.13	-54.27	-11.87	-54.27	55.55	192.34	.49
4447.00	1.19	178.20	4446.11	-56.07	-11.67	-56.07	57.27	191.76	.22
4538.00	1.45	168.50	4537.09	-58.14	-11.41	-58.14	59.25	191.11	.38
4628.00	1.41	167.40	4627.06	-60.34	-10.95	-60.34	61.32	190.28	.05
4719.00	1.60	175.40	4718.03	-62.70	-10.60	-62.70	63.59	189.60	.31
4809.00	1.70	174.70	4807.99	-65.28	-10.38	-65.28	66.10	189.03	.11
4900.00	1.00	196.90	4898.97	-67.38	-10.48	-67.38	68.19	188.84	.95
4991.00	.50	243.60	4989.96	-68.32	-11.07	-68.32	69.21	189.20	.83
5081.00	1.00	222.90	5079.95	-69.07	-11.95	-69.07	70.10	189.82	.62
5172.00	1.23	216.78	5170.94	-70.43	-13.08	-70.43	71.64	190.52	.28
5262.00	.48	204.17	5260.92	-71.55	-13.81	-71.55	72.87	190.93	.85
5353.00	.09	308.36	5351.92	-71.85	-14.02	-71.85	73.21	191.04	.56
5443.00	.57	191.56	5441.92	-72.25	-14.17	-72.25	73.63	191.10	.68
5534.00	.83	172.66	5532.92	-73.35	-14.18	-73.35	74.70	190.94	.38
5625.00	.97	177.76	5623.90	-74.77	-14.06	-74.77	76.08	190.65	.18
5716.00	1.10	168.57	5714.89	-76.40	-13.86	-76.40	77.64	190.28	.23
5806.00	1.10	177.20	5804.87	-78.10	-13.65	-78.10	79.29	189.91	.18
5897.00	1.70	191.20	5895.85	-80.30	-13.86	-80.30	81.49	189.80	.75
5987.00	1.00	248.60	5985.82	-81.90	-14.86	-81.90	83.23	190.28	1.59
6078.00	1.32	227.90	6076.81	-82.89	-16.37	-82.89	84.49	191.17	.57
6168.00	1.00	270.35	6166.79	-83.58	-17.93	-83.58	85.48	192.11	.99
6259.00	.92	209.18	6257.78	-84.21	-19.08	-84.21	86.35	192.76	1.08
6350.00	1.40	190.60	6348.76	-85.94	-19.64	-85.94	88.16	192.87	.66
6440.00	1.36	266.20	6438.74	-87.10	-20.91	-87.10	89.57	193.50	1.88
6531.00	3.00	311.80	6529.68	-85.58	-23.76	-85.58	88.82	195.52	2.49
6621.00	2.86	325.10	6619.56	-82.17	-26.80	-82.17	86.43	198.06	.77
6711.00	2.64	342.20	6709.46	-78.35	-28.72	-78.35	83.45	200.13	.94
6800.00	3.65	355.82	6798.32	-73.58	-29.55	-73.58	79.29	201.88	1.40
6891.00	3.03	357.60	6889.17	-68.28	-29.86	-68.28	74.53	203.62	.69
6982.00	1.71	356.30	6980.09	-64.53	-30.05	-64.53	71.18	204.97	1.45
7073.00	1.50	22.24	7071.05	-62.07	-29.69	-62.07	68.80	205.56	.82
7164.00	1.40	13.32	7162.03	-59.88	-28.98	-59.88	66.53	205.82	.27
7255.00	.92	29.50	7253.01	-58.17	-28.36	-58.17	64.71	206.00	.63

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
7480.00	1.19	32.17	7477.97	-54.62	-26.23	-54.62	60.59	205.65	.12
7570.00	.62	51.72	7567.96	-53.52	-25.35	-53.52	59.22	205.34	.71
7662.00	.60	321.90	7659.95	-52.84	-25.26	-52.84	58.56	205.55	.94
7753.00	.35	272.00	7750.95	-52.45	-25.83	-52.45	58.47	206.22	.51
7843.00	.75	198.50	7840.95	-53.00	-26.29	-53.00	59.16	206.38	.81
7933.00	.26	266.75	7930.94	-53.57	-26.68	-53.57	59.85	206.48	.77
8023.00	.22	154.91	8020.94	-53.74	-26.81	-53.74	60.06	206.52	.44
8114.00	1.19	91.14	8111.94	-53.92	-25.79	-53.92	59.77	205.57	1.22
8205.00	1.32	66.62	8202.91	-53.52	-23.89	-53.52	58.61	204.05	.60
8295.00	1.05	76.90	8292.90	-52.92	-22.13	-52.92	57.36	202.70	.38
8387.00	1.71	50.50	8384.87	-51.86	-20.25	-51.86	55.67	201.33	.98
8477.00	1.50	64.40	8474.83	-50.49	-18.15	-50.49	53.66	199.77	.49
8568.00	1.14	66.71	8565.81	-49.62	-16.25	-49.62	52.21	198.13	.40
8659.00	.92	75.00	8656.80	-49.07	-14.71	-49.07	51.23	196.69	.29
8749.00	1.10	79.80	8746.78	-48.73	-13.16	-48.73	50.48	195.11	.22
8839.00	1.10	88.29	8836.76	-48.56	-11.45	-48.56	49.89	193.27	.18
Projected to TD									
8927.00	1.10	88.29	8924.75	-48.50	-9.76	-48.50	49.48	191.38	.00

Job Number: UT13202
Company: Bill Barrett Corp
Lease/Well: FD_3-31-2-2
Location: Sec. 31, T2S, R2E
Rig Name: Capstar #328
State/Country: Utah/USA

Declination: 11.03
Grid: True



-687.8072.1926.1926.2532.2932.4932.4932.5932.6522.7322.8922.8922.9922.1926.1211912129121291213912145121591216912169121791218512189
-287.8072.1926.2932.2932.2932.3932.4532.5932.6922.6922.7922.8522.9322.1926.121091211912125121391214912149121591216512173121891218912.19

Effective Date: 1/1/2018

FORMER OPERATOR:	NEW OPERATOR:
Bill Barrett Corporation 1099 18th Street, Suite 2300 Denver, CO 80202	FINLEY RESOURCES, INC. 1308 Lake Street Fort Worth, TX 76102

Groups: Aurora (Deep) Unit

WELL INFORMATION:

Well Name	API Number	Town	Dir	Range	Dir	Sec	Entity Number	Type	Status
See Attached List									

OPERATOR CHANGES DOCUMENTATION:

- Sundry or legal documentation was received from the **FORMER** operator on: 1/5/2018
- Sundry or legal documentation was received from the **NEW** operator on: 1/5/2018
- New operator Division of Corporations Business Number: 7409151-0143

REVIEW:

- Receipt of Acceptance of Drilling Procedures for APD on: 1/5/2018
- Reports current for Production/Disposition & Sundries: 4/18/2018
- OPS/SI/TA well(s) reviewed for full cost bonding: Approved by Dustin 4/19/2018
- UIC5 on all disposal/injection/storage well(s) Approved on: Approved by Mark 3/6/2018
- Surface Facility(s) included in operator change: BTR 8-16D-46& 5-9D-46
Pelican Lake

NEW OPERATOR BOND VERIFICATION:

State/fee well(s) covered by Bond Number(s): RLB0011264

DATA ENTRY:

- Well(s) update in the RBDMS on: 4/24/2018
- Group(s) update in RDBMS on: 4/24/2018
- Surface Facilities update in RBDMS on: 4/24/2018
- Entities Updated in RBDMS on: 4/24/2018

COMMENTS:

Roosevelt B2 4304731187 transfer is with conditions.

The following wells were requested to be moved but are location abandoned, Finley will need to submit new permits on these wells.

FD 9-6-2-2	4304754413
FD 13-20D-2-2	4304754520
AURORA 3-12D-7-19	4304754528
FD 15-10-3-2	4304754633
FD 14-10-3-2	4304754634
FD 11-10-3-2	4304754635
FD 12-10-3-2	4304754636
FD 8-10-3-2	4304754637
FD 6-10-3-2	4304754638
FD 5-10-3-2	4304754639
FD 3-10D-3-2	4304754640
FD 10-10D-3-2	4304754643
FD 11-14-3-2	4304754646
FD STATE 8-36D-6-19	4304754682
FD STATE 2-36D-6-19	4304754685
FD 9-32D-6-20	4304755103
FD 7-30D-2-2	4304755110

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached List
2. NAME OF OPERATOR: Bill Barrett Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See Attached List
3. ADDRESS OF OPERATOR: 1099 18th Street, Suite 2300 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: See Attached List
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached List		8. WELL NAME and NUMBER: See Attached List
PHONE NUMBER: (303) 312-8783		9. API NUMBER: Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		10. FIELD AND POOL, OR WILDCAT: See Attached List
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 (Submit in Duplicate) Approximate date work will start: <u>12/28/17</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Change of Operator</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

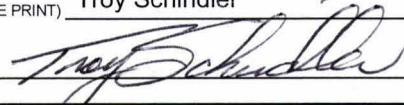
Bill Barrett Corporation respectfully requests that effective January 1, 2018 the operator be transferred to Finley Resources, Inc. for all wells referenced on the attached well list.

Finley Resources, Inc. will operate the wells under Federal Bond No. RLB0011262 or State Bond No. RLB0011264 and will comply with all Conditions of Approval within the original approved Applications for Permit to Drill and associated sundry notices.


Matthew Cooper
Vice President, Land

12/28/2017
Date

RECEIVED
JAN 05 2018
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>Troy Schindler</u>	TITLE <u>Senior Vice President of Operations</u>
SIGNATURE 	DATE <u>12/28/2017</u>

(This space for State use only)

APPROVED

APR 24 2018

BY: Rachael Medina
*Conditions on the Roosevelt B2 well.

From: Bill Barrett Corporation

To: Finley Resources, Inc.

Effective 1/1/2018

Well Name	API	Town	Twp Dir	Range	Rng Dir	Sec	Entity Number	Well Type	Well Status
FD 16-10-3-2 SWD	4304753004	3	S	2	E	10	18751	Water Disposal Well	Active
Aurora Federal 1-18D-7-20	4304753298	7	S	20	E	18		Oil Well	Approved Permit
AURORA FEDERAL 8-5D-7-20	4304753304	7	S	20	E	5		Oil Well	Approved Permit
FD FEDERAL 3-24-6-19	4304753714	6	S	19	E	24		Oil Well	Approved Permit
FD Federal 9-14-6-19	4304753720	6	S	19	E	14		Oil Well	Approved Permit
AURORA FEDERAL 7-18D-7-20	4304753881	7	S	20	E	18		Oil Well	Approved Permit
AURORA FEDERAL 9-18D-7-20	4304753955	7	S	20	E	18		Oil Well	Approved Permit
AURORA FEDERAL 11-26D-7-20	4304754057	7	S	20	E	26		Oil Well	Approved Permit
AURORA FEDERAL 5-1D-7-19	4304754327	7	S	19	E	1		Oil Well	Approved Permit
AURORA FEDERAL 7-1D-7-19	4304754328	7	S	19	E	1		Oil Well	Approved Permit
FD 15-31-2-2	4304754427	2	S	2	E	31		Oil Well	Approved Permit
RU 27D-11	4304754440	1	S	1	E	27		Oil Well	Approved Permit
RU 21-24	4304754441	1	S	1	E	21		Oil Well	Approved Permit
AURORA FEDERAL 12-28D-7-20	4304754513	7	S	20	E	28		Oil Well	Approved Permit
AURORA FEDERAL 4-17D-7-20	4304754514	7	S	20	E	17		Oil Well	Approved Permit
AURORA FEDERAL 13-26D-7-20	4304754515	7	S	20	E	26		Oil Well	Approved Permit
AURORA FEDERAL 6-26D-7-20	4304754516	7	S	20	E	26		Oil Well	Approved Permit
AURORA FEDERAL 11-22D-7-20	4304754517	7	S	20	E	22		Oil Well	Approved Permit
AURORA FEDERAL 9-27D-7-20	4304754521	7	S	20	E	27		Oil Well	Approved Permit
FD FEDERAL 15-26D-6-19	4304754678	6	S	19	E	26		Oil Well	Approved Permit
FD FEDERAL 13-26D-6-19	4304754679	6	S	19	E	26		Oil Well	Approved Permit
FD FEDERAL 13-23D-6-19	4304754680	6	S	19	E	23		Oil Well	Approved Permit
FD FEDERAL 9-35D-6-19	4304754683	6	S	19	E	35		Oil Well	Approved Permit
FD FEDERAL 11-35D-6-19	4304754684	6	S	19	E	35		Oil Well	Approved Permit
AURORA FEDERAL 15-7D-7-20	4304754730	7	S	20	E	18		Oil Well	Approved Permit
AURORA FEDERAL 2-18D-7-20	4304754731	7	S	20	E	18		Oil Well	Approved Permit
AURORA FEDERAL 1-26-7-20	4304754736	7	S	20	E	26		Oil Well	Approved Permit
FD FEDERAL 11-26D-6-19	4304754754	6	S	19	E	26		Oil Well	Approved Permit
AURORA FEDERAL 13-1-7-19	4304754759	7	S	19	E	1		Oil Well	Approved Permit
AURORA FEDERAL 14-1D-7-19	4304754760	7	S	19	E	1		Oil Well	Approved Permit
FD FEDERAL 13-25-6-19	4304754761	6	S	19	E	25		Oil Well	Approved Permit
FD FEDERAL 1-23-6-19	4304754762	6	S	19	E	23		Oil Well	Approved Permit
FD FEDERAL 9-26-6-19	4304754763	6	S	19	E	26		Oil Well	Approved Permit
FD FEDERAL 15-23D-6-19	4304754764	6	S	19	E	23		Oil Well	Approved Permit
FD FEDERAL 7-23D-6-19	4304754765	6	S	19	E	23		Oil Well	Approved Permit
FD FEDERAL 5-23d-6-19	4304754766	6	S	19	E	23		Oil Well	Approved Permit
AURORA FEDERAL 6-1D-7-19	4304754767	7	S	19	E	1		Oil Well	Approved Permit
AURORA FEDERAL 12-1-7-19	4304754768	7	S	19	E	1		Oil Well	Approved Permit
AURORA FEDERAL 10-1D-7-19	4304754769	7	S	19	E	1		Oil Well	Approved Permit
AURORA FEDERAL 15-1D-7-19	4304754770	7	S	19	E	1		Oil Well	Approved Permit

From: Bill Barrett Corporation

To: Finley Resources, Inc.

Effective 1/1/2018

AURORA FEDERAL 16-1D-7-19	4304754771	7	S	19	E	1	Oil Well	Approved Permit
AURORA FEDERAL 8-1D-7-19	4304754772	7	S	19	E	1	Oil Well	Approved Permit
AURORA FEDERAL 10-26D-7-20	4304754774	7	S	20	E	26	Oil Well	Approved Permit
FD FEDERAL 15-35D-6-19	4304754775	6	S	19	E	35	Oil Well	Approved Permit
AURORA FEDERAL 11-1D-7-19	4304754777	7	S	19	E	1	Oil Well	Approved Permit
AURORA FEDERAL 4-1D-7-19	4304754778	7	S	19	E	1	Oil Well	Approved Permit
AURORA FEDERAL 15-26-7-20	4304754779	7	S	20	E	26	Oil Well	Approved Permit
FD FEDERAL 11-23D-6-19	4304754789	6	S	19	E	23	Oil Well	Approved Permit
FD FEDERAL 7-26D-6-19	4304754790	6	S	19	E	26	Oil Well	Approved Permit
FD FEDERAL 5-26D-6-19	4304754791	6	S	19	E	26	Oil Well	Approved Permit
FD FEDERAL 1-26D-6-19	4304754792	6	S	19	E	26	Oil Well	Approved Permit
AURORA FEDERAL 16-29D-7-20	4304754842	7	S	20	E	29	Oil Well	Approved Permit
AURORA FEDERAL 15-29D-7-20	4304754843	7	S	20	E	29	Oil Well	Approved Permit
AURORA FEDERAL 14-29D-7-20	4304754844	7	S	20	E	29	Oil Well	Approved Permit
AURORA FEDERAL 13-29D-7-20	4304754845	7	S	20	E	29	Oil Well	Approved Permit
AURORA FEDERAL 12-29D-7-20	4304754846	7	S	20	E	29	Oil Well	Approved Permit
AURORA FEDERAL 11-29D-7-20	4304754847	7	S	20	E	29	Oil Well	Approved Permit
AURORA FEDERAL 10-29D-7-20	4304754848	7	S	20	E	29	Oil Well	Approved Permit
AURORA FEDERAL 9-29D-7-20	4304754849	7	S	20	E	29	Oil Well	Approved Permit
AURORA FEDERAL 8-29D-7-20	4304754850	7	S	20	E	29	Oil Well	Approved Permit
AURORA FEDERAL 6-29D-7-20	4304754852	7	S	20	E	29	Oil Well	Approved Permit
AURORA FEDERAL 5-29D-7-20	4304754853	7	S	20	E	29	Oil Well	Approved Permit
AURORA FEDERAL 10-18D-7-20	4304754897	7	S	20	E	18	Oil Well	Approved Permit
AURORA FEDERAL 11-18D-7-20	4304754898	7	S	20	E	18	Oil Well	Approved Permit
AURORA FEDERAL 6-18D-7-20	4304754899	7	S	20	E	18	Oil Well	Approved Permit
AURORA FEDERAL 1-13D-7-19	4304754900	7	S	19	E	13	Oil Well	Approved Permit
AURORA FEDERAL 5-17D-7-20	4304754901	7	S	20	E	18	Oil Well	Approved Permit
AURORA FEDERAL 8-18D-7-20	4304754902	7	S	20	E	18	Oil Well	Approved Permit
AURORA FEDERAL 16-13D-7-19	4304754903	7	S	19	E	13	Oil Well	Approved Permit
AURORA FEDERAL 1-24D-7-19	4304754904	7	S	19	E	24	Oil Well	Approved Permit
AURORA FEDERAL 8-24D-7-19	4304754905	7	S	19	E	24	Oil Well	Approved Permit
AURORA FEDERAL 8-13D-7-19	4304754906	7	S	19	E	13	Oil Well	Approved Permit
AURORA FEDERAL 15-18D-7-20	4304754907	7	S	20	E	18	Oil Well	Approved Permit
AURORA FEDERAL 14-18D-7-20	4304754908	7	S	20	E	18	Oil Well	Approved Permit
AURORA FEDERAL 12-17D-7-20	4304755104	7	S	20	E	18	Oil Well	Approved Permit
AURORA 9-16D-7-20	4304755112	7	S	20	E	16	Oil Well	Approved Permit
FD 11-14-6-19	4304755484	6	S	19	E	14	Oil Well	Approved Permit
FD 7-9-6-19	4304755485	6	S	19	E	9	Oil Well	Approved Permit
FD 11-4-6-19	4304755486	6	S	19	E	4	Oil Well	Approved Permit
FD 3-6-2-2	4304755523	2	S	2	E	6	Oil Well	Approved Permit
FD 1-22D-5-19	4304755637	5	S	19	E	22	Oil Well	Approved Permit

From: Bill Barrett Corporation

To: Finley Resources, Inc.

Effective 1/1/2018

FD 9-21-5-19	4304755638	5	S	19	E	21		Oil Well	Approved Permit
FD 2-4-6-19	4304755639	6	S	19	E	4		Oil Well	Approved Permit
FD 9-9D-6-19	4304755642	6	S	19	E	9		Oil Well	Approved Permit
FD 14-21D-5-19	4304755643	5	S	19	E	21		Oil Well	Approved Permit
RU 18-43D	4304755711	1	S	1	E	18		Oil Well	Approved Permit
FD 14-8-2-2	4304755725	2	S	2	E	8		Oil Well	Approved Permit
FD 15-29-2-2	4304755801	2	S	2	E	29		Oil Well	Approved Permit
FD 15-33-2-2	4304755802	2	S	2	E	33		Oil Well	Approved Permit
FD 15-32-2-2	4304755803	2	S	2	E	32		Oil Well	Approved Permit
FD 13-33-2-2	4304755807	2	S	2	E	33		Oil Well	Approved Permit
FD 13-32-2-2	4304755808	2	S	2	E	32		Oil Well	Approved Permit
FD 13-31-2-2	4304755810	2	S	2	E	31		Oil Well	Approved Permit
AURORA SWD 3-26-7-20	4304752681	7	S	20	E	26	19728	Water Disposal Well	Drilling Operations Suspended
FD Federal 3-25-6-19	4304753715	6	S	19	E	25	19729	Oil Well	Drilling Operations Suspended
FD FEDERAL 9-23-6-19	4304753721	6	S	19	E	23	19624	Oil Well	Drilling Operations Suspended
FD 10-29-2-2	4304753753	2	S	2	E	29	19748	Oil Well	Drilling Operations Suspended
FD 11-29D-2-2	4304753877	2	S	2	E	29	19749	Oil Well	Drilling Operations Suspended
FD 5-29D-2-2	4304754426	2	S	2	E	29	19750	Oil Well	Drilling Operations Suspended
Aurora 3-12D-7-19	4304755816	7	S	19	E	12		Oil Well	New Permit
FD 3-10D-3-2	4304755891	3	S	2	E	10		Oil Well	New Permit
FD 5-10-3-2	4304755892	3	S	2	E	10		Oil Well	New Permit
FD 6-10-3-2	4304755893	3	S	2	E	10		Oil Well	New Permit
FD 11-14-3-2	4304755894	3	S	2	E	14		Oil Well	New Permit
FD 10-10D-3-2	4304755895	3	S	2	E	10		Oil Well	New Permit
ROOSEVELT U 4	4304715549	1	S	1	W	13	9300	Oil Well	Producing
WASATCH 6	4304731366	1	S	1	E	20	13586 221	Oil Well	Producing
ROOSEVELT A-7	4304731402	1	S	1	E	19	12560 13586	Oil Well	Producing
ROOSEVELT U 11	4304731428	1	S	1	E	21	9311	Oil Well	Producing
WASATCH 9	4304731445	1	S	1	E	28	13586 221	Oil Well	Producing
WASATCH 10	4304731446	1	S	1	E	21	13586 221	Oil Well	Producing
ROOSEVELT U 18-A1E	4304731687	1	S	1	E	27	13586 221	Oil Well	Producing
ROOSEVELT U 3-19	4304736304	1	S	1	E	19	13586	Oil Well	Producing
ROGERS 13-16	4304736538	7	S	20	E	16	14989	Oil Well	Producing
ROOSEVELT U 4-19	4304736599	1	S	1	E	19	12560 13586	Oil Well	Producing
WALL 13-17	4304736668	7	S	20	E	17	18444	Gas Well	Producing
ROOSEVELT U 5-19	4304736843	1	S	1	E	19	12560 13586	Oil Well	Producing
ROOSEVELT U 28-33	4304738142	1	S	1	E	28	13586 221	Oil Well	Producing
ROOSEVELT U 7-20	4304738292	1	S	1	E	20	12560 13586	Oil Well	Producing
ROOSEVELT U 20-24	4304738329	1	S	1	E	20	13586	Oil Well	Producing
ROGERS 16-43	4304738347	7	S	20	E	16	14989	Oil Well	Producing
AURORA FED 5-32	4304738463	7	S	20	E	5	17120	Oil Well	Producing

From: Bill Barrett Corporation

To: Finley Resources, Inc.

Effective 1/1/2018

AURORA FED 26-33	4304738468	7	S	20	E	26	17226	Oil Well	Producing
ROOSEVELT U 21-43	4304738873	1	S	1	E	21	13586 221	Oil Well	Producing
ROOSEVELT U 28-14	4304738882	1	S	1	E	28	13586 221	Oil Well	Producing
ROOSEVELT U 29-14	4304739923	1	S	1	E	29	13586 221	Oil Well	Producing
FOUR STAR 7-32-7-20	4304751285	7	S	20	E	7	17881	Oil Well	Producing
ROOSEVELT UNIT 20-13	4304751501	1	S	1	E	20	13586 221	Oil Well	Producing
AURORA 15-8-7-20	4304751509	7	S	20	E	8	18569	Oil Well	Producing
FD 9-36-6-19	4304751804	6	S	19	E	36	18365	Oil Well	Producing
FD #11-36-6-19	4304751806	6	S	19	E	36	18343	Oil Well	Producing
AURORA FEDERAL 3-20D-7-20	4304752005	7	S	20	E	20	18444	Oil Well	Producing
AURORA FEDERAL 15-28D-7-20	4304752006	7	S	20	E	28	18448	Oil Well	Producing
AURORA 3-16D-7-20	4304752129	7	S	20	E	16	14989	Oil Well	Producing
FD 3-36D-6-19	4304752163	6	S	19	E	36	18615	Oil Well	Producing
FD 1-36-6-19	4304752164	6	S	19	E	36	18868	Oil Well	Producing
FD 15-7-2-2	4304752227	2	S	2	E	7	18797	Oil Well	Producing
AURORA 9-1D-7-19	4304752394	7	S	19	E	1	18706	Oil Well	Producing
RU 24-13	4304752398	1	S	1	W	24	13586	Oil Well	Producing
AURORA FEDERAL 2-19D-7-20	4304752632	7	S	20	E	19	18444	Oil Well	Producing
Aurora Federal 4-21D-7-20	4304752633	7	S	20	E	21	14989	Oil Well	Producing
AURORA 8-17D-7-20	4304752636	7	S	20	E	17	18866	Oil Well	Producing
FD 3-31-2-2	4304752764	2	S	2	E	31	18912	Oil Well	Producing
FD 13-10-3-2	4304752765	3	S	2	E	10	18969	Oil Well	Producing
RU 18-41	4304752865	1	S	1	E	18	13586	Oil Well	Producing
FD 9-25D-2-1	4304752866	2	S	1	E	25	19007	Oil Well	Producing
FD 14-25D-2-1	4304752867	2	S	1	E	25	19097	Oil Well	Producing
FD 3-32-2-2	4304752868	2	S	2	E	32	18913	Oil Well	Producing
RU 23-14D	4304752990	1	S	1	W	23	13586	Oil Well	Producing
FD 11-30D-2-2	4304752991	2	S	2	E	30	19008	Oil Well	Producing
RU 13-31D	4304753000	1	S	1	W	13	13586	Oil Well	Producing
RU 19D-24	4304753001	1	S	1	E	19	13586	Oil Well	Producing
FD 14-14-3-2	4304753071	3	S	2	E	14	19072	Oil Well	Producing
RU 21-41	4304753072	1	S	1	E	21	13586	Oil Well	Producing
FD 2-15-3-2	4304753275	3	S	2	E	15	19056	Oil Well	Producing
FD 3-23-6-19	4304753285	6	S	19	E	23	19623	Oil Well	Producing
Aurora Federal 3-6D-7-20	4304753295	7	S	20	E	6	19584	Oil Well	Producing
Aurora 2-12-7-19	4304753296	7	S	19	E	12	19699	Oil Well	Producing
FD 11-31-2-2	4304753318	2	S	2	E	31	19360	Oil Well	Producing
FD 9-31-2-2	4304753319	2	S	2	E	31	19337	Oil Well	Producing
FD 9-32-2-2	4304753320	2	S	2	E	32	19125	Oil Well	Producing
FD 3-33-2-2	4304753321	2	S	2	E	33	19389	Oil Well	Producing
FD 3-30D-2-2	4304753323	2	S	2	E	30	19041	Oil Well	Producing

From: Bill Barrett Corporation

To: Finley Resources, Inc.

Effective 1/1/2018

RU 29-13D	4304753529	1	S	1	E	29	13586	Oil Well	Producing
Aurora Federal 8-26-7-20	4304753544	7	S	20	E	26	19676	Oil Well	Producing
RU 28-22	4304753614	1	S	1	E	28	13586 221	Oil Well	Producing
FD FEDERAL 3-26-6-19	4304753716	6	S	19	E	26	19531	Oil Well	Producing
FD FEDERAL 12-15-6-19	4304753717	6	S	19	E	15	19532	Oil Well	Producing
FD Federal 6-22-6-19	4304753718	6	S	19	E	22	19682	Oil Well	Producing
FD Federal 16-22-6-19	4304753719	6	S	19	E	22	19604	Oil Well	Producing
FD 12-21-2-2	4304753763	2	S	2	E	21	19585	Oil Well	Producing
FD 1-33-2-2	4304753764	2	S	2	E	33	19403	Oil Well	Producing
FD 3-29D-2-2	4304753765	2	S	2	E	29	19390	Oil Well	Producing
AURORA STATE 6-32-7-20	4304753766	7	S	20	E	32	19713	Oil Well	Producing
FD 7-18-2-2	4304753825	2	S	2	E	18	19533	Oil Well	Producing
FD 5-17D-2-2	4304753872	2	S	2	E	17	19677	Oil Well	Producing
FD 9-33-2-2	4304753873	2	S	2	E	33	19416	Oil Well	Producing
FD 1-32-2-2	4304753874	2	S	2	E	32	19361	Oil Well	Producing
FD 1-18D-2-2	4304753875	2	S	2	E	18	19534	Oil Well	Producing
FD 1-31-2-2	4304753878	2	S	2	E	31	19324	Oil Well	Producing
FD 11-33-2-2	4304753879	2	S	2	E	33	19404	Oil Well	Producing
FD 11-32-2-2	4304753880	2	S	2	E	32	19362	Oil Well	Producing
AURORA FEDERAL 15-23D-7-20	4304753883	7	S	20	E	23	19586	Oil Well	Producing
FD FEDERAL 7-35D-6-19	4304753940	6	S	19	E	35	19535	Oil Well	Producing
FD 5-32-2-2	4304754058	2	S	2	E	32	19363	Oil Well	Producing
FD 5-31-2-2	4304754066	2	S	2	E	31	19338	Oil Well	Producing
FD 5-33-2-2	4304754068	2	S	2	E	33	19417	Oil Well	Producing
FD 7-31-2-2	4304754069	2	S	2	E	31	19339	Oil Well	Producing
FD 7-32-2-2	4304754070	2	S	2	E	32	19364	Oil Well	Producing
FD 13-30D-2-2	4304754107	2	S	2	E	30	19325	Oil Well	Producing
FD 15-30D-2-2	4304754108	2	S	2	E	30	19326	Oil Well	Producing
FD 10-17-2-2	4304754294	2	S	2	E	17	19675	Oil Well	Producing
FD 5-30-2-2	4304754296	2	S	2	E	30	19625	Oil Well	Producing
AURORA FEDERAL 1-1D-7-19	4304754303	7	S	19	E	1	19730	Oil Well	Producing
AURORA FEDERAL 3-1-7-19	4304754304	7	S	19	E	1	19733	Oil Well	Producing
FD 7X-33-2-2	4304754377	2	S	2	E	33	19464	Oil Well	Producing
AURORA STATE 4-32D-7-20	4304754419	7	S	20	E	32	19849	Oil Well	Producing
AURORA FEDERAL 13-28D-7-20	4304754512	7	S	20	E	28	19910	Oil Well	Producing
AURORA FEDERAL 5-23D-7-20	4304754519	7	S	20	E	23	19911	Oil Well	Producing
FD STATE 10-36D-6-19	4304754681	6	S	19	E	36	19795	Oil Well	Producing
AURORA STATE 12-32-7-20	4304754710	7	S	20	E	32	19839	Oil Well	Producing
FD STATE 6-36D-6-19	4304754727	6	S	19	E	36	19796	Oil Well	Producing
AURORA STATE 5-32D-7-20	4304754728	7	S	20	E	32	19842	Oil Well	Producing
AURORA STATE 2-32D-7-20	4304754729	7	S	20	E	32	19837	Oil Well	Producing

From: Bill Barrett Corporation

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Effective 1/1/2018

AURORA STATE 3-32D-7-20	4304754750	7	S	20	E	32	19843	Oil Well	Producing
AURORA FEDERAL 7-29D-7-20	4304754851	7	S	20	E	29	19912	Oil Well	Producing
ROOSEVELT B2	4304731187	1	S	1	E	20	9307	Oil Well	Shut-in
NIELSEN 3-22	4304736539	7	S	20	E	22	14806	Oil Well	Shut-in
FD 9-10-3-2	4304752763	3	S	2	E	10	18968	Oil Well	Shut-in
FD 7-10-3-2	4304753884	3	S	2	E	10	19819	Oil Well	Shut-in
UTE 1-19A1E	4304730902	1	S	1	E	19	1085	Oil Well	Temporarily-abandoned