

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 9-21-5-19								
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT WILDCAT								
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME								
6. NAME OF OPERATOR BILL BARRETT CORP						7. OPERATOR PHONE 303 312-8134								
8. ADDRESS OF OPERATOR 1099 18th Street Ste 2300, Denver, CO, 80202						9. OPERATOR E-MAIL tfallang@billbarrettcorp.com								
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) <small>fee</small>			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') GLENN HUBER						14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-247-2336								
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') PO BOX 154, ,						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		1946 FSL 877 FEL		NESE		21		5.0 S		19.0 E		S		
Top of Uppermost Producing Zone		1946 FSL 877 FEL		NESE		21		5.0 S		19.0 E		S		
At Total Depth		1946 FSL 877 FEL		NESE		21		5.0 S		19.0 E		S		
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 655			23. NUMBER OF ACRES IN DRILLING UNIT 40								
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 2763			26. PROPOSED DEPTH MD: 11141 TVD: 11141								
27. ELEVATION - GROUND LEVEL 5341			28. BOND NUMBER LPM4138148			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 49-1645								
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	8.7	No Used		0	0.0	0.0			
SURF	12.25	9.625	0 - 2500	36.0	J-55 ST&C	8.7	Halliburton Light , Type Unknown		400	3.16	11.0			
							Halliburton Premium , Type Unknown		230	1.39	14.8			
I1	8.75	7	0 - 9000	26.0	P-110 LT&C	10.0	Halliburton Light , Type Unknown		720	2.31	11.0			
							Halliburton Premium , Type Unknown		320	1.42	13.5			
L1	6.125	4.5	8800 - 11141	13.5	P-110 LT&C	12.5	Halliburton Premium , Type Unknown		240	1.45	14.3			
ATTACHMENTS														
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES														
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER						<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN								
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)						<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER								
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)						<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP								
NAME Brady Riley				TITLE Permit Analyst				PHONE 303 312-8115						
SIGNATURE				DATE 07/24/2013				EMAIL briley@billbarrettcorp.com						
API NUMBER ASSIGNED 43047539030000				APPROVAL  Permit Manager										

BILL BARRETT CORPORATION
DRILLING PLAN

FD 9-21-5-19

NESE, 1946' FSL and 877' FEL, Section 21, T5S-R19E, SLB&M (surface hole)
NESE, 1946' FSL and 877' FEL, Section 21, T5S-R19E, SLB&M (bottom hole)
Uintah County, Utah

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

Formation	Depth – MD/TVD
Green River*	6,312'
Mahogany	7,015'
TGR3	8,317'
Douglas Creek	8,448'
Black Shale Facies	8,987'
Castle Peak	9,169'
Uteland Butte	9,582'
Wasatch*	10,141'
TD	11,141'

*PROSPECTIVE PAY

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

Base of Useable Water = 4193'

3. BOP and Pressure Containment Data

Depth Intervals	BOP Equipment
0 – 2500'	Rotating Head or Diverter (may pre-set 9-5/8" with smaller rig)*
2500'' – TD	11" 10000# Double Ram Type BOP (Pipe/Blind) 11" 10000# Single Pipe Ram Type BOP 11" 5000# Annular BOP
- Drilling spool to accommodate choke and kill lines;	
- Ancillary equipment and choke manifold rated at 10,000 psi. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2;	
- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests.	
- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up To operate most efficiently in this manner.	

*See Appendix A

4. Casing Program

Hole Size	SETTING DEPTH		Casing Size	Casing Weight	Casing Grade	Thread	Condition
	(FROM)	(TO)					
26"	Surface	80'	16"	65#			
12 1/4"	Surface	2500'	9 5/8"	36#	J or K 55	ST&C	New
8 3/4"	Surface	9000'	7"	26#	P110	LTC	New
6 1/8"	8800'	TD	4.5" Liner	13.5#	P110	LTC	New

Bill Barrett Corporation
 Drilling Program
 FD 9-21D-5-19
 Uintah County, Utah

5. Cementing Program

16" Conductor Casing	Grout
12-1/4" hole for 9-5/8" Surface Casing (may pre-set with spudder rig)	Lead: 400 sx Halliburton Light w/ additives and LCM, 11.0 ppg, 3.16 ft ³ /sx, 100% excess Tail: 230 sx Halliburton Premium w/ additives and LCM, 14.8 ppg, 1.39 ft ³ /sx, 100% excess Cement to surface, top out as necessary.
8-3/4" hole for 7" intermediate casing	Lead: 720 sx Tuned Light cement w/ additives mixed at 11 ppg (yield = 2.31 ft ³ /sx). Tail: 320 sx Halliburton Econocem w/ additives mixed at 13.5 ppg (yield = 1.42 ft ³ /sx). 2000' fill, Planned TOC @ Surface 50% excess
6-1/8" hole for 4.5" production liner	240 sx EXPANDACEM w/ additives, 14.3 ppg, (yield = 1.45 ft ³ /sx), 2341' fill, Planned TOC @ 4.5" liner top, 50% excess

6. Mud Program

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss (API filtrate)</u>	<u>Remarks</u>
0' - 2,500'	Air/Mist/ 8.3 - 8.7	26 - 36	NC	Air/Mist/Freshwater Spud Mud Fluid System
2,500' - 5,500'	9.2 - 9.4	26 - 36	NC	Freshwater Mud Fluid System
5,500' - 9000'	9.4 - 10.0	42-58	25 cc or less	LSND Fluid System
9000' - TD	10.0 - 12.5	58-60	< 10 cc	LSND FW mud
Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.				

7. Testing, Logging and Core Programs

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

8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 7419 psi* and maximum anticipated surface pressure equals approximately 4968 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

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

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

Bill Barrett Corporation
Drilling Program
FD 9-21D-5-19
Uintah County, Utah

9. Auxiliary Equipment

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

10. Location and Type of Water Supply

Water for the drilling and completion will be from:

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

11. Drilling Schedule

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

12. Appendix A

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



Cement Volume Calculations for the: FD 9-21D-5-19

Surface Hole:

<u>Hole Data:</u>		<u>Calculated Data:</u>	
Total Depth (MD) =	2,500'	Lead Fill =	2000 ft
TOC (MD) =	0'	Lead Volume =	111.6 bbl
Hole Diameter =	12.250"	Tail Fill =	500 ft
Casing OD =	9.625"	Tail Volume =	27.9 bbl
Casing ID =	8.921"		
Excess =	100%		

<u>Cement Data:</u>		<u>Proposed Cement Data:</u>	
Lead Weight =	11.00 lbm/gal	Proposed SX Lead =	400
Lead Yield =	3.16 ft ³ /sk	Proposed SX Tail =	230
Tail Weight =	14.80 lbm/gal		
Tail Yield =	1.39 ft ³ /sk		

Intermediate Hole: 50' into Black Shale

<u>Hole Data:</u>		<u>Calculated Data:</u>	
Total Depth (MD) =	9,000'	Lead Fill =	7000 ft
TOC (MD) =	0'	Lead Volume =	194.7 bbl
Hole Diameter =	8.750"	Tail Fill =	2000 ft
Casing OD =	7.000"	Tail Volume =	80.3 bbl
Casing ID =	6.366"		
Excess =	50%		

<u>Cement Data:</u>		<u>Proposed Cement Data:</u>	
Lead Weight =	11.00 lbm/gal	Proposed SX Lead =	720
Lead Yield =	2.31 ft ³ /sk	Proposed SX Tail =	320
Tail Weight =	13.50 lbm/gal		
Tail Yield =	1.42 ft ³ /sk		

Production Liner: 200' into Intermediate Casing

Hole Data:

Total Depth (MD) = **11,141'**
TOL (MD) = **8,800'**
Hole Diameter = **6.125"**
Liner OD = **4.500"**
Open Hole Excess = **50%**
Casing Excess = **50%**

Calculated Data:

Lead Fill = **2341** ft
Lead Volume = **39.8** bbl

Cement Data:

Lead Weight = **14.30** lbm/gal
Lead Yield = **1.45** ft³/sk

Proposed Cement Data:

Proposed SX Lead = **240**

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3. PRESSURE CONTROL EQUIPMENT – Schematic Attached

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

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

B. Pressure Rating: 10,000 psi

C. Testing Procedure:

Annular Preventer

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

At a minimum the above pressure test will be performed:

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

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

Blow-Out Preventer

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

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

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

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

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

D. Choke Manifold Equipment:

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

E. Accumulator:

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

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

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

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

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

F. Miscellaneous Information:

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

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

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T5S, R19E, S.L.B.&M.

BILL BARRETT CORPORATION

Well location, FD #9-21-5-19, located as shown in the NE 1/4 SE 1/4 of Section 21, T5S, R19E, S.L.B.&M. Uintah County, Utah.

5/8" Rebar,
Yellow Plastic Cap
0.8' High, Pile of
Stones

5/8" Rebar,
Orange Plastic Cap
in Cattleguard

N89°52'11"E - 5290.68' (Meas.)

S00°02'04"W - 5288.26' (Meas.)

N00°07'16"W - 2684.57' (Meas.)

5/8" Rebar,
0.2' High

N00°02'30"W - 2601.23' (Meas.)

FD #9-21-5-19
Elev. Ungraded Ground = 5341'

877'

1946'

Alum. Cap

Alum. Cap S89°14'22"W - 2650.71' (Meas.)

N89°33'11"W - 2651.01' (Meas.)

Stone

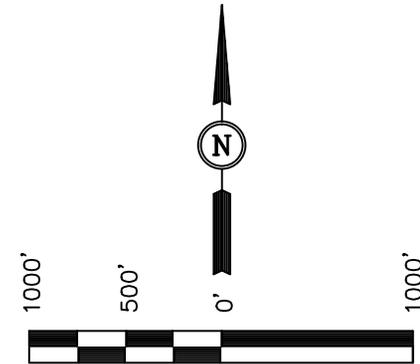
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BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHEAST CORNER OF SECTION 26, T5S, R19E, S.L.B.&M., TAKEN FROM THE VERNAL SW 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 5268 FEET.

BASIS OF BEARINGS

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



SCALE
CERTIFICATE

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

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

REV: 09-05-13

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

LEGEND:

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

NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°21'56.74" (40.365761)	
LONGITUDE = 109°47'21.29" (109.789247)	
NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°21'56.88" (40.365800)	
LONGITUDE = 109°47'18.77" (109.788547)	

SCALE 1" = 1000'	DATE SURVEYED: 05-15-13	DATE DRAWN: 05-16-13
PARTY N.F. E.C. K.O.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE BILL BARRETT CORPORATION	

BILL BARRETT CORPORATION

FD #9-21-5-19

LOCATED IN UINTAH COUNTY, UTAH
SECTION 21, T5S, R19E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: WESTERLY



Since 1964 -



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

LOCATION PHOTOS

05 30 13
MONTH DAY YEAR

PHOTO

TAKEN BY: N.E.

DRAWN BY: S.O.

REVISED: 09-05-13

BILL BARRETT CORPORATION

LOCATION LAYOUT FOR

FD #9-21-5-19

SECTION 21, T5S, R19E, S.L.B.&M.

1946' FSL 877' FEL

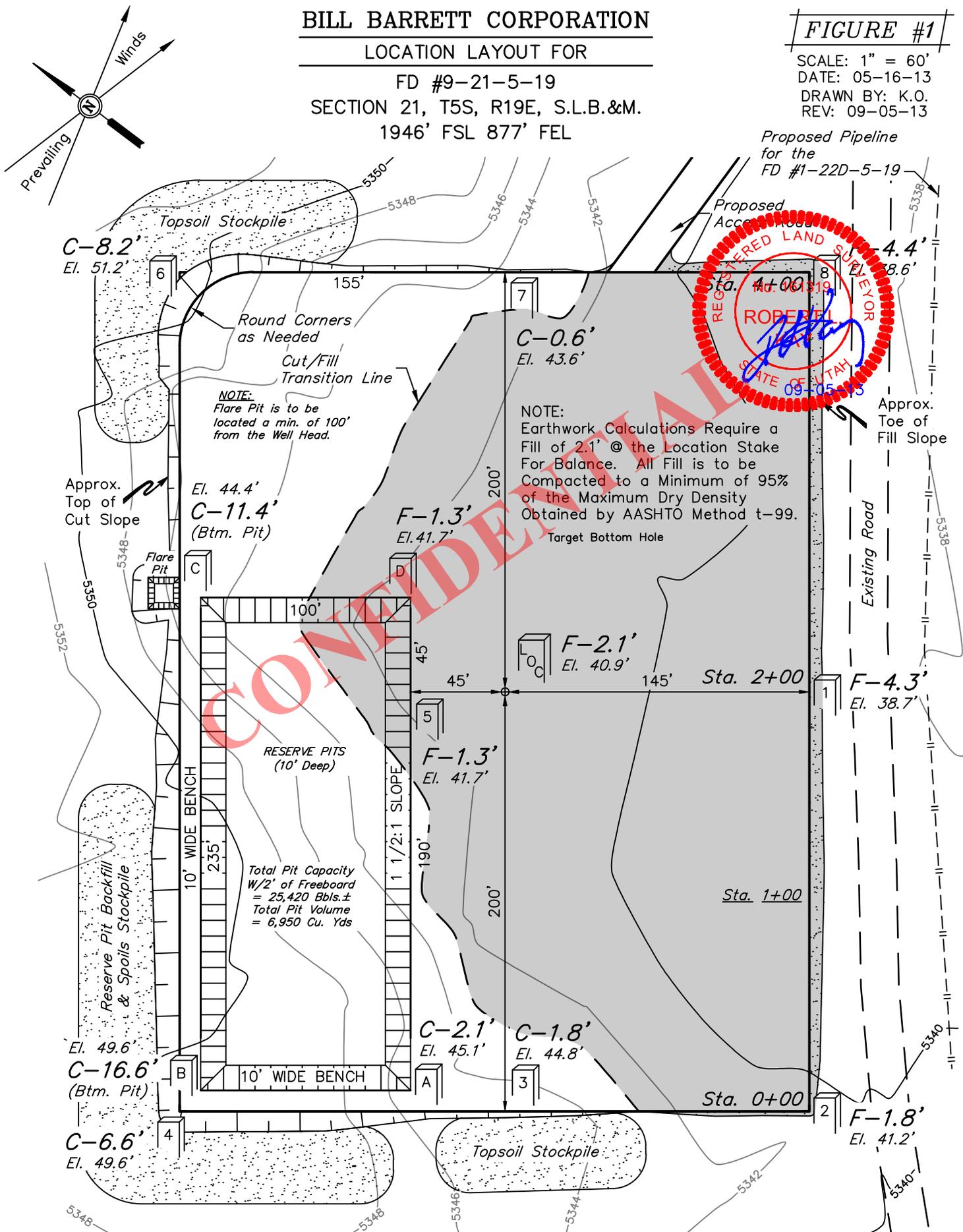
FIGURE #1

SCALE: 1" = 60'

DATE: 05-16-13

DRAWN BY: K.O.

REV: 09-05-13



Elev. Ungraded Ground At Loc. Stake = **5340.9'**
 FINISHED GRADE ELEV. AT LOC. STAKE = **5343.0'**

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

RECEIVED: September 10, 2013

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TYPICAL CROSS SECTIONS FOR

FD #9-21-5-19

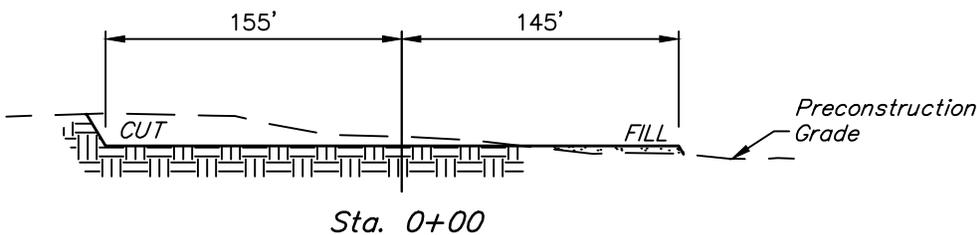
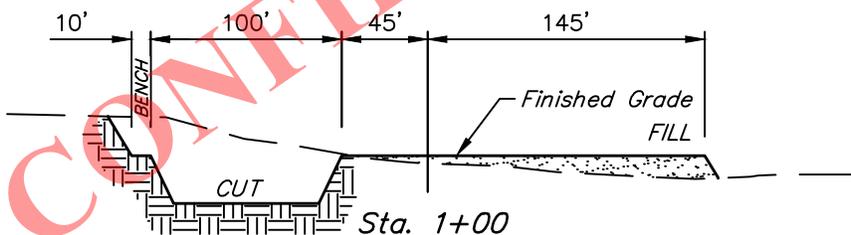
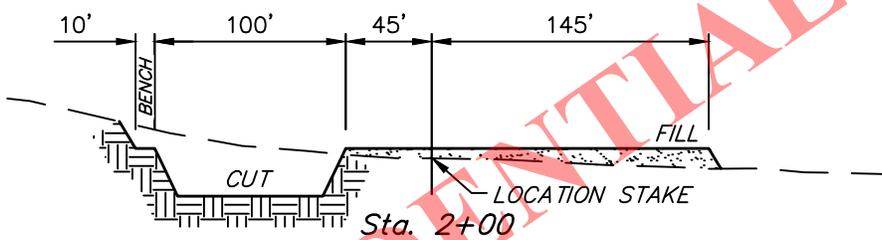
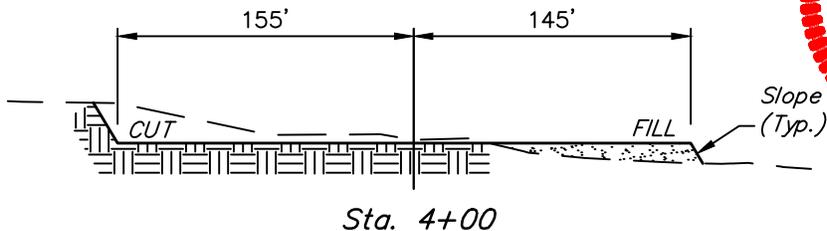
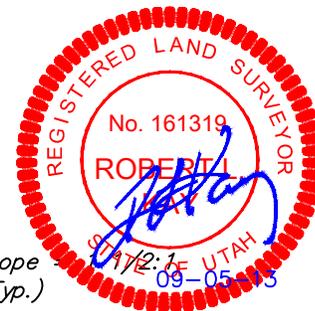
SECTION 21, T5S, R19E, S.L.B.&M.

1946' FSL 877' FEL

FIGURE #2

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

DATE: 05-16-13
DRAWN BY: K.O.
REV: 09-05-13



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APPROXIMATE ACREAGE

WELL SITE DISTURBANCE = ± 4.583 ACRES
ACCESS ROAD DISTURBANCE = ± 0.071 ACRES
PIPELINE DISTURBANCE = ± 0.066 ACRES
TOTAL = ± 4.720 ACRES

* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping = 2,400 Cu. Yds.
Remaining Location = 11,720 Cu. Yds.
TOTAL CUT = 14,120 CU. YDS.
FILL = 8,240 CU. YDS.

EXCESS MATERIAL = 5,880 Cu. Yds.
Topsoil & Pit Backfill = 5,880 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 #9-21-5-19

SECTION 21, T5S, R19E, S.L.B.&M.

1946' FSL 877' FEL

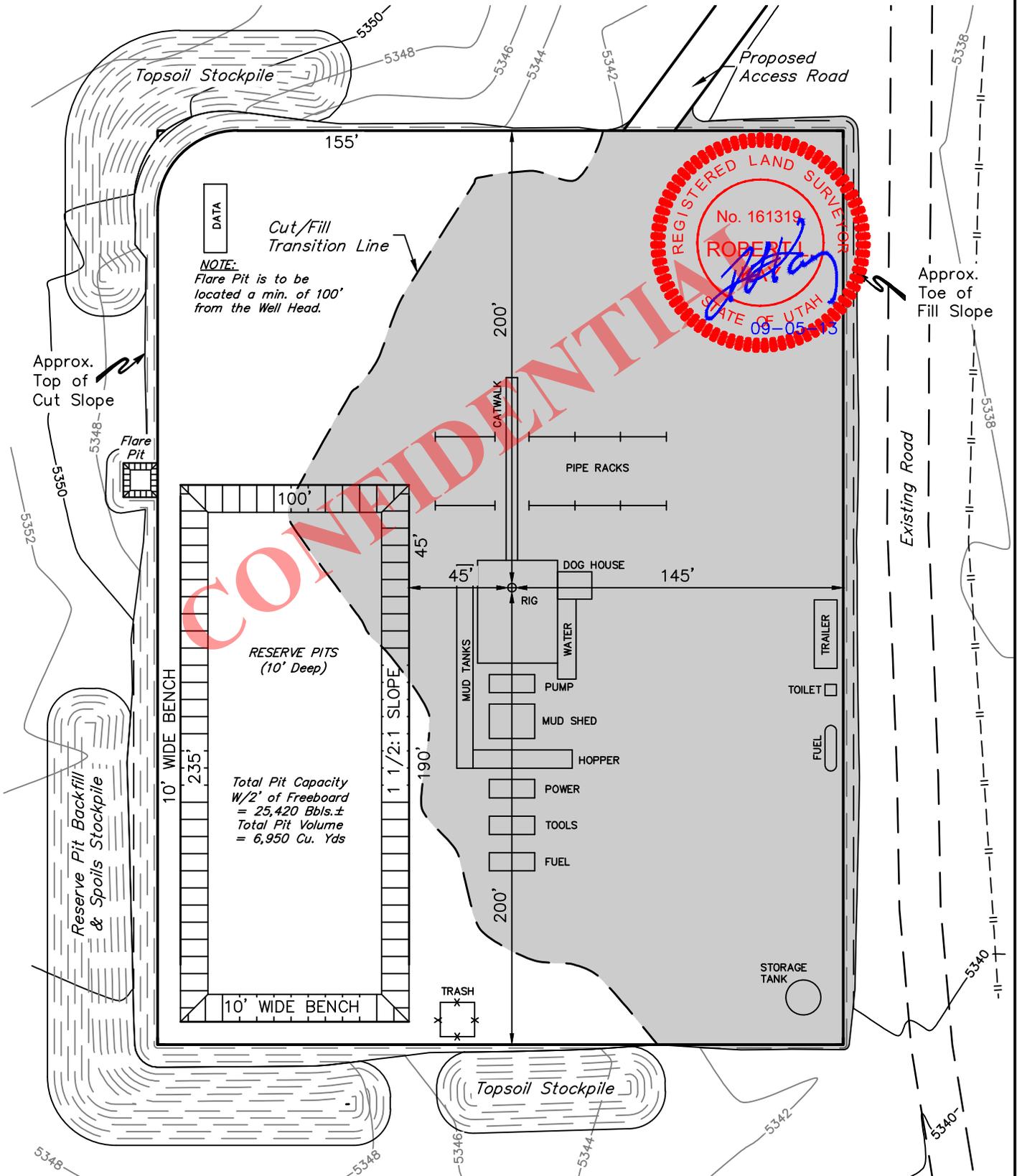
FIGURE #3

SCALE: 1" = 60'

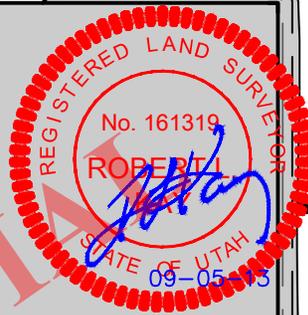
DATE: 05-16-13

DRAWN BY: K.O.

REV: 09-05-13



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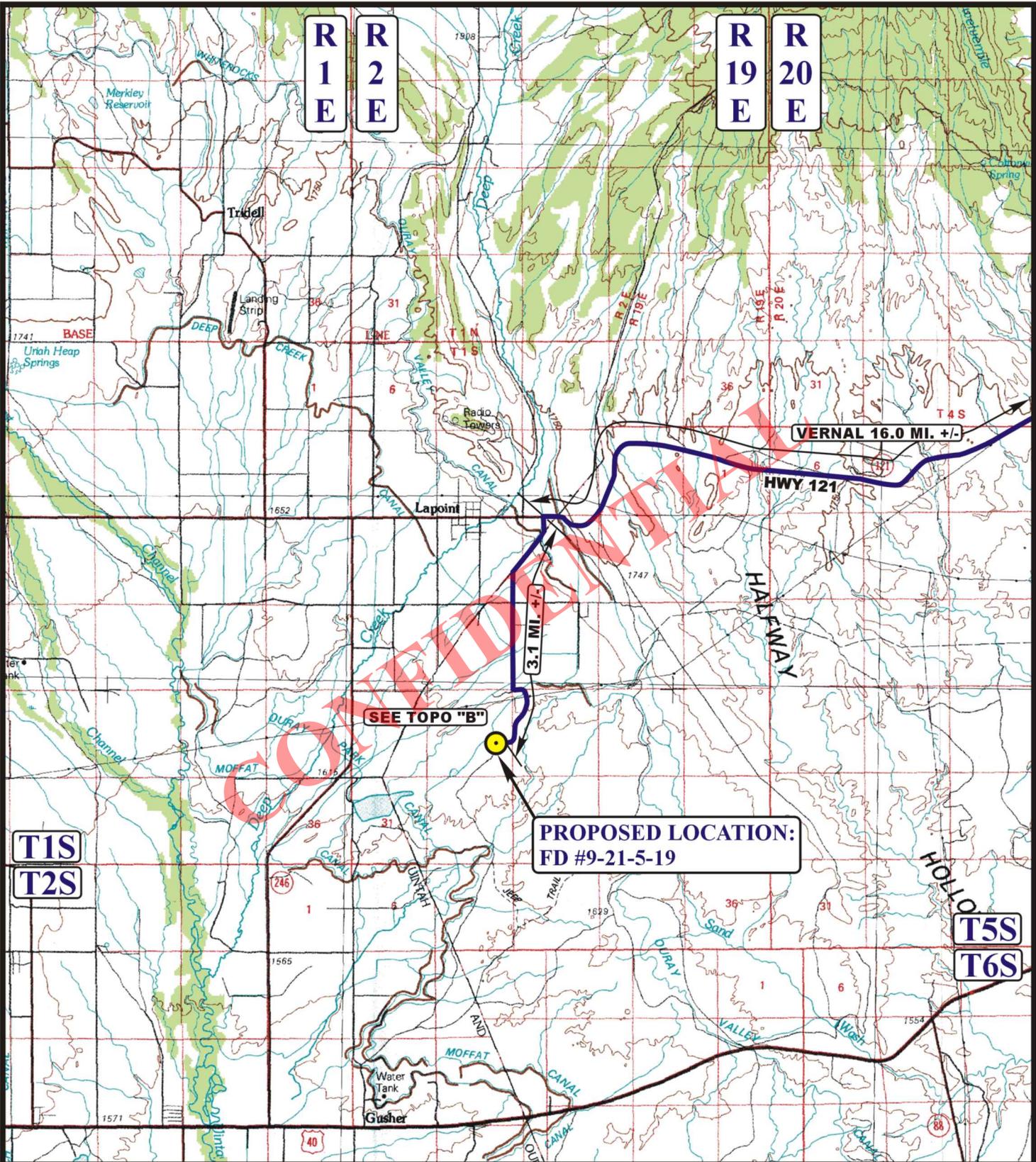


BILL BARRETT CORPORATION
FD #9-21-5-19
SECTION 21, T5S, R19E, S.L.B.&M.

PROCEED IN A NORTHERLY, THEN WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 121 APPROXIMATELY 16.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 3.1 MILES TO THE BEGINNING OF THE PROPOSED ACCESS ROAD TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY DIRECTION APPROXIMATELY 139' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 19.1 MILES.

CONFIDENTIAL



LEGEND:

 PROPOSED LOCATION

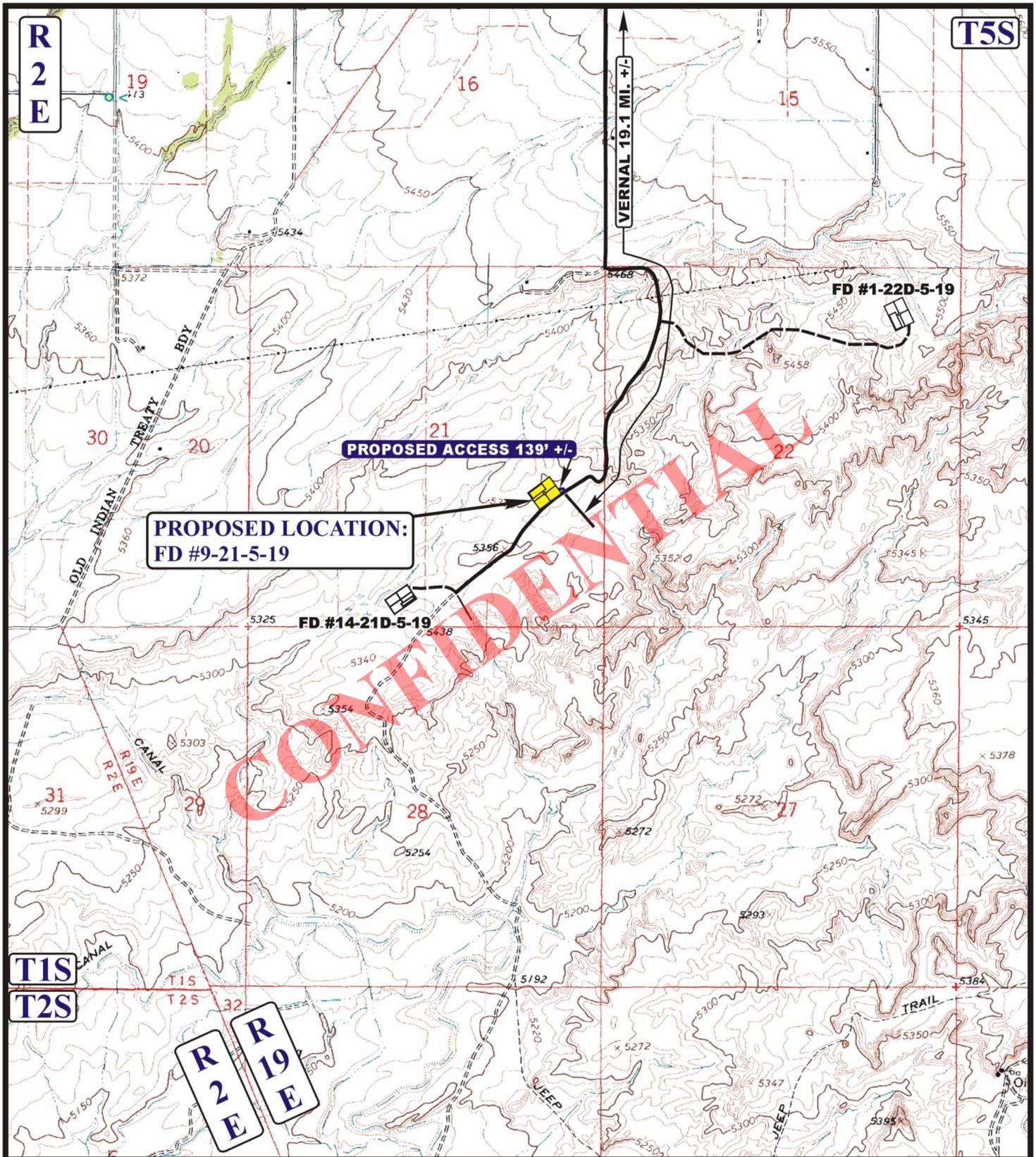


BILL BARRETT CORPORATION

FD #9-21-5-19
SECTION 21, T5S, R19E, S.L.B.&M.
1946' FSL 877' FEL

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

ACCESS ROAD MAP
 05 30 13
 MONTH DAY YEAR
 SCALE: 1:100,000 DRAWN BY: S.O. REVISED: 09-05-13 **ATOPO**



LEGEND:

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD



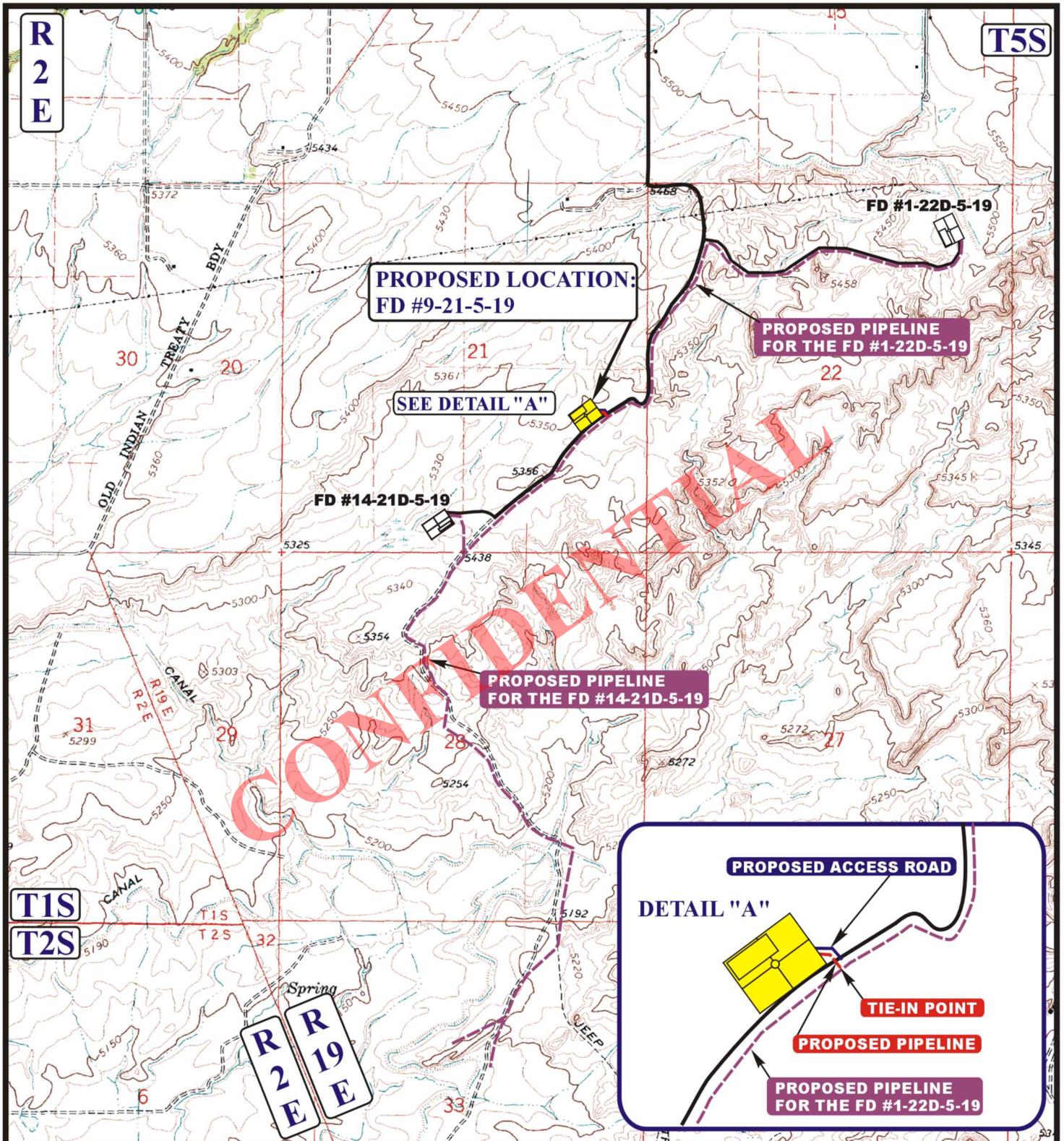
BILL BARRETT CORPORATION

FD #9-21-5-19
SECTION 21, T5S, R19E, S.L.B.&M.
1946' FSL 877' FEL



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ACCESS ROAD MAP	05	30	13	B TOPO
	MONTH	DAY	YEAR	
SCALE: 1" = 2000'		DRAWN BY: S.O.		REVISED: 09-05-13



APPROXIMATE TOTAL PIPELINE DISTANCE = 135' +/-

LEGEND:

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



BILL BARRETT CORPORATION

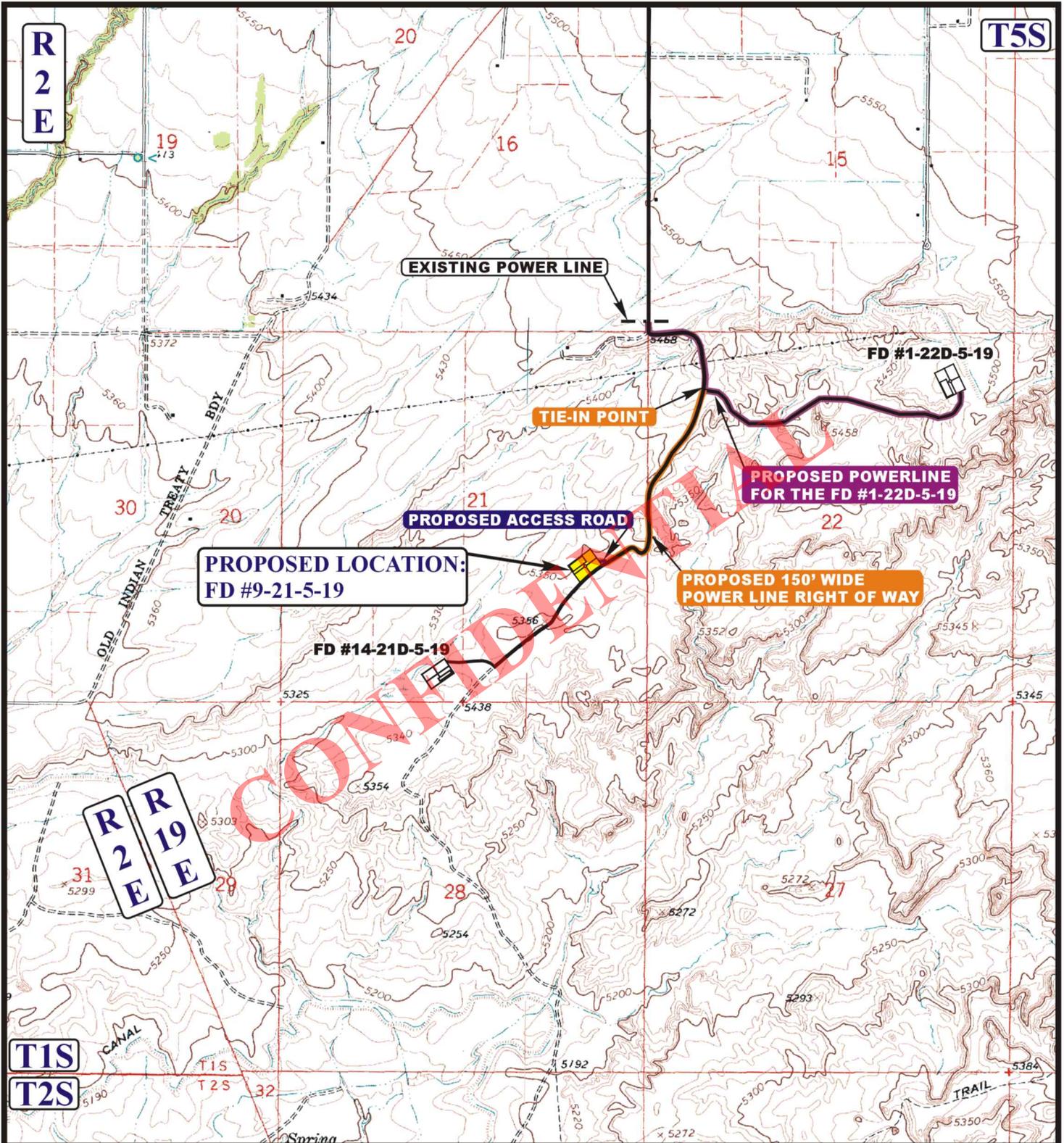
FD #9-21-5-19
SECTION 21, T5S, R19E, S.L.B.&M.
1946' FSL 877' FEL



Utah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
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TOPOGRAPHIC MAP 05 30 13
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: S.O. REVISED: 09-05-13





APPROXIMATE TOTAL POWER LINE DISTANCE = 3,317' +/-

LEGEND:

-  PROPOSED ACCESS ROAD
-  PROPOSED POWER LINE
-  EXISTING POWER LINE

BILL BARRETT CORPORATION

FD #9-21-5-19
SECTION 21, T5S, R19E, S.L.B.&M.
1946' FSL 877' FEL



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



TOPOGRAPHIC 05 30 13
MAP MONTH DAY YEAR
SCALE: 1" = 2000' DRAWN BY: S.O. REVISED: 09-05-13



BILL BARRETT CORP

UINTAH COUNTY

9-21D-5-19 FD

9-21D-5-19 FD

Wellbore #1

Plan: Design #1

Standard Planning Report

27 June, 2013

CONFIDENTIAL



Site Latitude: 40° 21' 56.880 N
Site Longitude: 109° 47' 18.769 W

COMPANY DETAILS: BILL BARRETT CORP

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

Positional Uncertainty: 0.0
Convergence: 1.13
Local North: True

WELL DETAILS: 9-21D-5-19 FD

Ground Level: 5343.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	16525.44	2476935.10	40° 21' 56.880 N	109° 47' 18.769 W	

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
9-21D-5-19 FD BTV	8000.0	33.5	67.2	40° 21' 57.211 N	109° 47' 17.902 W	Rectangle (Sides: L200.0 W200.0)
9-21D-5-19 FD PBHL	13000.0	33.5	67.2	40° 21' 57.211 N	109° 47' 17.902 W	Rectangle (Sides: L200.0 W200.0)

SECTION DETAILS

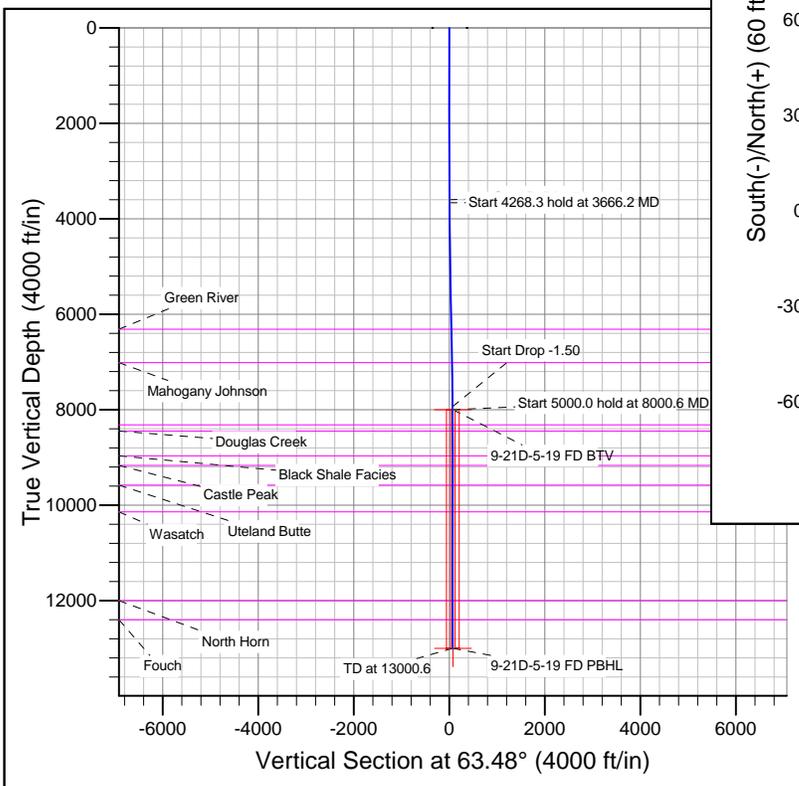
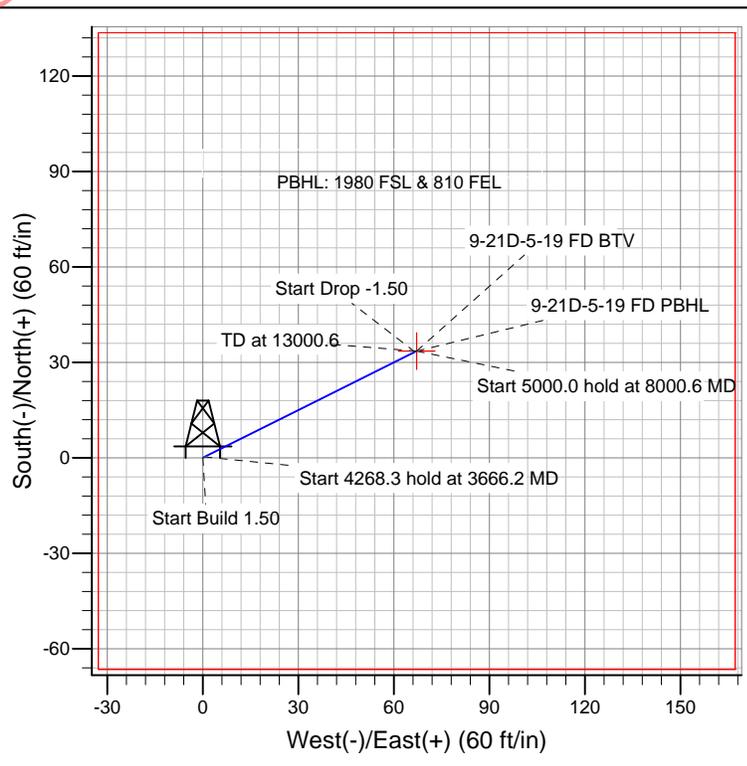
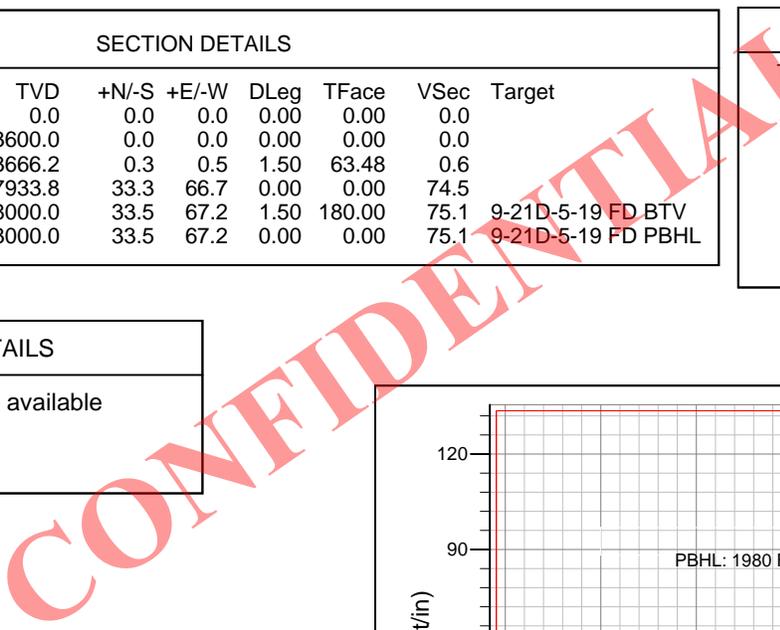
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	3600.0	0.00	0.00	3600.0	0.0	0.0	0.00	0.00	0.0	
3	3666.2	0.99	63.48	3666.2	0.3	0.5	1.50	63.48	0.6	
4	7934.5	0.99	63.48	7933.8	33.3	66.7	0.00	0.00	74.5	
5	8000.6	0.00	0.00	8000.0	33.5	67.2	1.50	180.00	75.1	9-21D-5-19 FD BTV
6	13000.6	0.00	0.00	13000.0	33.5	67.2	0.00	0.00	75.1	9-21D-5-19 FD PBHL

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
6312.0	6312.4	Green River
7015.0	7015.5	Mahogany Johnson
8317.0	8317.6	TGR3
8448.0	8448.6	Douglas Creek
8968.0	8968.6	Black Shale Facies
9169.0	9169.6	Castle Peak
9582.0	9582.6	Uteland Butte
10141.0	10141.6	Wasatch
12000.0	12000.6	North Horn
12400.0	12400.6	Fouch

CASING DETAILS

No casing data is available



Azimuths to True North
Magnetic North: 10.99°

Magnetic Field
Strength: 52281.0snT
Dip Angle: 66.06°
Date: 6/27/2013
Model: IGRF2010

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Site 9-21D-5-19 FD
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 5358.0ft (Original Well Elev)
Project:	UINTAH COUNTY	MD Reference:	KB @ 5358.0ft (Original Well Elev)
Site:	9-21D-5-19 FD	North Reference:	True
Well:	9-21D-5-19 FD	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

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

Site	9-21D-5-19 FD				
Site Position:		Northing:	16,525.45 ft	Latitude:	40° 21' 56.880 N
From:	Lat/Long	Easting:	2,476,935.10 ft	Longitude:	109° 47' 18.769 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	1.13 °

Well	9-21D-5-19 FD					
Well Position	+N/-S	0.0 ft	Northing:	16,525.44 ft	Latitude:	40° 21' 56.880 N
	+E/-W	0.0 ft	Easting:	2,476,935.10 ft	Longitude:	109° 47' 18.769 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	5,343.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
	IGRF2010	6/27/2013	(°)	(°)	(nT)
			10.99	66.06	52,281

Design	Design #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0.0	0.0	0.0	63.48

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.00	0.00	0.00	0.00	
3,666.2	0.99	63.48	3,666.2	0.3	0.5	1.50	1.50	0.00	63.48	
7,934.5	0.99	63.48	7,933.8	33.3	66.7	0.00	0.00	0.00	0.00	
8,000.6	0.00	0.00	8,000.0	33.5	67.2	1.50	-1.50	0.00	180.00	9-21D-5-19 FD BTV
13,000.6	0.00	0.00	13,000.0	33.5	67.2	0.00	0.00	0.00	0.00	9-21D-5-19 FD PBHL

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Site 9-21D-5-19 FD
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 5358.0ft (Original Well Elev)
Project:	UINTAH COUNTY	MD Reference:	KB @ 5358.0ft (Original Well Elev)
Site:	9-21D-5-19 FD	North Reference:	True
Well:	9-21D-5-19 FD	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
Start Build 1.50									
3,666.2	0.99	63.48	3,666.2	0.3	0.5	0.6	1.50	1.50	0.00
Start 4268.3 hold at 3666.2 MD									
3,700.0	0.99	63.48	3,700.0	0.5	1.0	1.2	0.00	0.00	0.00
3,800.0	0.99	63.48	3,800.0	1.3	2.6	2.9	0.00	0.00	0.00
3,900.0	0.99	63.48	3,900.0	2.1	4.1	4.6	0.00	0.00	0.00
4,000.0	0.99	63.48	3,999.9	2.8	5.7	6.4	0.00	0.00	0.00
4,100.0	0.99	63.48	4,099.9	3.6	7.2	8.1	0.00	0.00	0.00
4,200.0	0.99	63.48	4,199.9	4.4	8.8	9.8	0.00	0.00	0.00
4,300.0	0.99	63.48	4,299.9	5.2	10.3	11.5	0.00	0.00	0.00
4,400.0	0.99	63.48	4,399.9	5.9	11.9	13.3	0.00	0.00	0.00
4,500.0	0.99	63.48	4,499.9	6.7	13.4	15.0	0.00	0.00	0.00
4,600.0	0.99	63.48	4,599.9	7.5	15.0	16.7	0.00	0.00	0.00
4,700.0	0.99	63.48	4,699.8	8.2	16.5	18.5	0.00	0.00	0.00
4,800.0	0.99	63.48	4,799.8	9.0	18.1	20.2	0.00	0.00	0.00
4,900.0	0.99	63.48	4,899.8	9.8	19.6	21.9	0.00	0.00	0.00
5,000.0	0.99	63.48	4,999.8	10.6	21.2	23.7	0.00	0.00	0.00

Bill Barrett Corp

Planning Report

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Project:	UINTAH COUNTY	MD Reference:	KB @ 5358.0ft (Original Well Elev)
Site:	9-21D-5-19 FD	North Reference:	True
Well:	9-21D-5-19 FD	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
5,100.0	0.99	63.48	5,099.8	11.3	22.7	25.4	0.00	0.00	0.00	
5,200.0	0.99	63.48	5,199.8	12.1	24.3	27.1	0.00	0.00	0.00	
5,300.0	0.99	63.48	5,299.8	12.9	25.8	28.9	0.00	0.00	0.00	
5,400.0	0.99	63.48	5,399.7	13.7	27.4	30.6	0.00	0.00	0.00	
5,500.0	0.99	63.48	5,499.7	14.4	28.9	32.3	0.00	0.00	0.00	
5,600.0	0.99	63.48	5,599.7	15.2	30.5	34.1	0.00	0.00	0.00	
5,700.0	0.99	63.48	5,699.7	16.0	32.0	35.8	0.00	0.00	0.00	
5,800.0	0.99	63.48	5,799.7	16.8	33.6	37.5	0.00	0.00	0.00	
5,900.0	0.99	63.48	5,899.7	17.5	35.1	39.3	0.00	0.00	0.00	
6,000.0	0.99	63.48	5,999.6	18.3	36.7	41.0	0.00	0.00	0.00	
6,100.0	0.99	63.48	6,099.6	19.1	38.2	42.7	0.00	0.00	0.00	
6,200.0	0.99	63.48	6,199.6	19.8	39.8	44.5	0.00	0.00	0.00	
6,300.0	0.99	63.48	6,299.6	20.6	41.3	46.2	0.00	0.00	0.00	
6,312.4	0.99	63.48	6,312.0	20.7	41.5	46.4	0.00	0.00	0.00	
Green River										
6,400.0	0.99	63.48	6,399.6	21.4	42.9	47.9	0.00	0.00	0.00	
6,500.0	0.99	63.48	6,499.6	22.2	44.4	49.6	0.00	0.00	0.00	
6,600.0	0.99	63.48	6,599.6	22.9	46.0	51.4	0.00	0.00	0.00	
6,700.0	0.99	63.48	6,699.5	23.7	47.5	53.1	0.00	0.00	0.00	
6,800.0	0.99	63.48	6,799.5	24.5	49.1	54.8	0.00	0.00	0.00	
6,900.0	0.99	63.48	6,899.5	25.3	50.6	56.6	0.00	0.00	0.00	
7,000.0	0.99	63.48	6,999.5	26.0	52.2	58.3	0.00	0.00	0.00	
7,015.5	0.99	63.48	7,015.0	26.2	52.4	58.6	0.00	0.00	0.00	
Mahogany Johnson										
7,100.0	0.99	63.48	7,099.5	26.8	53.7	60.0	0.00	0.00	0.00	
7,200.0	0.99	63.48	7,199.5	27.6	55.3	61.8	0.00	0.00	0.00	
7,300.0	0.99	63.48	7,299.5	28.4	56.8	63.5	0.00	0.00	0.00	
7,400.0	0.99	63.48	7,399.4	29.1	58.4	65.2	0.00	0.00	0.00	
7,500.0	0.99	63.48	7,499.4	29.9	59.9	67.0	0.00	0.00	0.00	
7,600.0	0.99	63.48	7,599.4	30.7	61.5	68.7	0.00	0.00	0.00	
7,700.0	0.99	63.48	7,699.4	31.4	63.0	70.4	0.00	0.00	0.00	
7,800.0	0.99	63.48	7,799.4	32.2	64.6	72.2	0.00	0.00	0.00	
7,900.0	0.99	63.48	7,899.4	33.0	66.1	73.9	0.00	0.00	0.00	
7,934.5	0.99	63.48	7,933.8	33.3	66.7	74.5	0.00	0.00	0.00	
Start Drop -1.50										
8,000.0	0.01	63.48	7,999.4	33.5	67.2	75.1	1.50	-1.50	0.00	
8,000.6	0.00	0.00	8,000.0	33.5	67.2	75.1	1.50	-1.50	0.00	
Start 5000.0 hold at 8000.6 MD										
8,100.0	0.00	0.00	8,099.4	33.5	67.2	75.1	0.00	0.00	0.00	
8,200.0	0.00	0.00	8,199.4	33.5	67.2	75.1	0.00	0.00	0.00	
8,300.0	0.00	0.00	8,299.4	33.5	67.2	75.1	0.00	0.00	0.00	
8,317.6	0.00	0.00	8,317.0	33.5	67.2	75.1	0.00	0.00	0.00	
TGR3										
8,400.0	0.00	0.00	8,399.4	33.5	67.2	75.1	0.00	0.00	0.00	
8,448.6	0.00	0.00	8,448.0	33.5	67.2	75.1	0.00	0.00	0.00	
Douglas Creek										
8,500.0	0.00	0.00	8,499.4	33.5	67.2	75.1	0.00	0.00	0.00	
8,600.0	0.00	0.00	8,599.4	33.5	67.2	75.1	0.00	0.00	0.00	
8,700.0	0.00	0.00	8,699.4	33.5	67.2	75.1	0.00	0.00	0.00	
8,800.0	0.00	0.00	8,799.4	33.5	67.2	75.1	0.00	0.00	0.00	
8,900.0	0.00	0.00	8,899.4	33.5	67.2	75.1	0.00	0.00	0.00	
8,968.6	0.00	0.00	8,968.0	33.5	67.2	75.1	0.00	0.00	0.00	
Black Shale Facies										

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Site 9-21D-5-19 FD
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 5358.0ft (Original Well Elev)
Project:	UINTAH COUNTY	MD Reference:	KB @ 5358.0ft (Original Well Elev)
Site:	9-21D-5-19 FD	North Reference:	True
Well:	9-21D-5-19 FD	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
9,000.0	0.00	0.00	8,999.4	33.5	67.2	75.1	0.00	0.00	0.00	
9,100.0	0.00	0.00	9,099.4	33.5	67.2	75.1	0.00	0.00	0.00	
9,169.6	0.00	0.00	9,169.0	33.5	67.2	75.1	0.00	0.00	0.00	
Castle Peak										
9,200.0	0.00	0.00	9,199.4	33.5	67.2	75.1	0.00	0.00	0.00	
9,300.0	0.00	0.00	9,299.4	33.5	67.2	75.1	0.00	0.00	0.00	
9,400.0	0.00	0.00	9,399.4	33.5	67.2	75.1	0.00	0.00	0.00	
9,500.0	0.00	0.00	9,499.4	33.5	67.2	75.1	0.00	0.00	0.00	
9,582.6	0.00	0.00	9,582.0	33.5	67.2	75.1	0.00	0.00	0.00	
Uteland Butte										
9,600.0	0.00	0.00	9,599.4	33.5	67.2	75.1	0.00	0.00	0.00	
9,700.0	0.00	0.00	9,699.4	33.5	67.2	75.1	0.00	0.00	0.00	
9,800.0	0.00	0.00	9,799.4	33.5	67.2	75.1	0.00	0.00	0.00	
9,900.0	0.00	0.00	9,899.4	33.5	67.2	75.1	0.00	0.00	0.00	
10,000.0	0.00	0.00	9,999.4	33.5	67.2	75.1	0.00	0.00	0.00	
10,100.0	0.00	0.00	10,099.4	33.5	67.2	75.1	0.00	0.00	0.00	
10,141.6	0.00	0.00	10,141.0	33.5	67.2	75.1	0.00	0.00	0.00	
Wasatch										
10,200.0	0.00	0.00	10,199.4	33.5	67.2	75.1	0.00	0.00	0.00	
10,300.0	0.00	0.00	10,299.4	33.5	67.2	75.1	0.00	0.00	0.00	
10,400.0	0.00	0.00	10,399.4	33.5	67.2	75.1	0.00	0.00	0.00	
10,500.0	0.00	0.00	10,499.4	33.5	67.2	75.1	0.00	0.00	0.00	
10,600.0	0.00	0.00	10,599.4	33.5	67.2	75.1	0.00	0.00	0.00	
10,700.0	0.00	0.00	10,699.4	33.5	67.2	75.1	0.00	0.00	0.00	
10,800.0	0.00	0.00	10,799.4	33.5	67.2	75.1	0.00	0.00	0.00	
10,900.0	0.00	0.00	10,899.4	33.5	67.2	75.1	0.00	0.00	0.00	
11,000.0	0.00	0.00	10,999.4	33.5	67.2	75.1	0.00	0.00	0.00	
11,100.0	0.00	0.00	11,099.4	33.5	67.2	75.1	0.00	0.00	0.00	
11,200.0	0.00	0.00	11,199.4	33.5	67.2	75.1	0.00	0.00	0.00	
11,300.0	0.00	0.00	11,299.4	33.5	67.2	75.1	0.00	0.00	0.00	
11,400.0	0.00	0.00	11,399.4	33.5	67.2	75.1	0.00	0.00	0.00	
11,500.0	0.00	0.00	11,499.4	33.5	67.2	75.1	0.00	0.00	0.00	
11,600.0	0.00	0.00	11,599.4	33.5	67.2	75.1	0.00	0.00	0.00	
11,700.0	0.00	0.00	11,699.4	33.5	67.2	75.1	0.00	0.00	0.00	
11,800.0	0.00	0.00	11,799.4	33.5	67.2	75.1	0.00	0.00	0.00	
11,900.0	0.00	0.00	11,899.4	33.5	67.2	75.1	0.00	0.00	0.00	
12,000.0	0.00	0.00	11,999.4	33.5	67.2	75.1	0.00	0.00	0.00	
12,000.6	0.00	0.00	12,000.0	33.5	67.2	75.1	0.00	0.00	0.00	
North Horn										
12,100.0	0.00	0.00	12,099.4	33.5	67.2	75.1	0.00	0.00	0.00	
12,200.0	0.00	0.00	12,199.4	33.5	67.2	75.1	0.00	0.00	0.00	
12,300.0	0.00	0.00	12,299.4	33.5	67.2	75.1	0.00	0.00	0.00	
12,400.0	0.00	0.00	12,399.4	33.5	67.2	75.1	0.00	0.00	0.00	
12,400.6	0.00	0.00	12,400.0	33.5	67.2	75.1	0.00	0.00	0.00	
Fouch										
12,500.0	0.00	0.00	12,499.4	33.5	67.2	75.1	0.00	0.00	0.00	
12,600.0	0.00	0.00	12,599.4	33.5	67.2	75.1	0.00	0.00	0.00	
12,700.0	0.00	0.00	12,699.4	33.5	67.2	75.1	0.00	0.00	0.00	
12,800.0	0.00	0.00	12,799.4	33.5	67.2	75.1	0.00	0.00	0.00	
12,900.0	0.00	0.00	12,899.4	33.5	67.2	75.1	0.00	0.00	0.00	
13,000.0	0.00	0.00	12,999.4	33.5	67.2	75.1	0.00	0.00	0.00	
13,000.6	0.00	0.00	13,000.0	33.5	67.2	75.1	0.00	0.00	0.00	
TD at 13000.6										

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Site 9-21D-5-19 FD
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 5358.0ft (Original Well Elev)
Project:	UINTAH COUNTY	MD Reference:	KB @ 5358.0ft (Original Well Elev)
Site:	9-21D-5-19 FD	North Reference:	True
Well:	9-21D-5-19 FD	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Targets

Target Name

- hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
9-21D-5-19 FD BTV - plan hits target - Rectangle (sides W200.0 H200.0 D5,000.0)	0.00	0.00	8,000.0	33.5	67.2	16,560.28	2,477,001.59	40° 21' 57.211 N	109° 47' 17.902 W
9-21D-5-19 FD PBHL - plan hits target - Rectangle (sides W200.0 H200.0 D0.0)	0.00	0.00	13,000.0	33.5	67.2	16,560.28	2,477,001.59	40° 21' 57.211 N	109° 47' 17.902 W

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
6,312.4	6,312.0	Green River		0.00	
7,015.5	7,015.0	Mahogany Johnson		0.00	
8,317.6	8,317.0	TGR3		0.00	
8,448.6	8,448.0	Douglas Creek		0.00	
8,968.6	8,968.0	Black Shale Facies		0.00	
9,169.6	9,169.0	Castle Peak		0.00	
9,582.6	9,582.0	Uteland Butte		0.00	
10,141.6	10,141.0	Wasatch		0.00	
12,000.6	12,000.0	North Horn		0.00	
12,400.6	12,400.0	Fouch		0.00	

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
3,600.0	3,600.0	0.0	0.0	Start Build 1.50
3,666.2	3,666.2	0.3	0.5	Start 4268.3 hold at 3666.2 MD
7,934.5	7,933.8	33.3	66.7	Start Drop -1.50
8,000.6	8,000.0	33.5	67.2	Start 5000.0 hold at 8000.6 MD
13,000.6	13,000.0	33.5	67.2	TD at 13000.6

SURFACE USE AGREEMENT (FD 9-21D-5-19)

THIS AGREEMENT Dated June 21, 2013 by and between Glenn J. Huber, Trustee of the Shirley Huber Family Living Trust executed April 1, 1982 and Shirley Huber, Trustee of the Glenn J. Huber Family Living Trust executed April 1, 1982 whose address is P O Box 154, Lapoint, UT 84039 (435-247-2336), hereinafter referred to as "Surface Owners", and Bill Barrett Corporation and its Subsidiaries, whose address is 1099 18th Street, #2300, Denver, CO 80202 hereinafter referred to as "Operator".

WITNESSETH:

WHEREAS, Surface Owners represent 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 **NE/4SE/4, Section 21, Township 5 South, Range 19 East** as further described on Exhibit "A" attached hereto and made a part hereof.

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

WHEREAS, Surface Owners are 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 Owners as liquidated damages the following sum as full settlement and satisfaction of all damages growing out of, incident to, or in connection with the usual and customary exploration, drilling, completion, sidetracking, reworking, equipping and production operations, contemplated by the oil and gas leases covering the Lands, unless otherwise specifically provided herein:

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

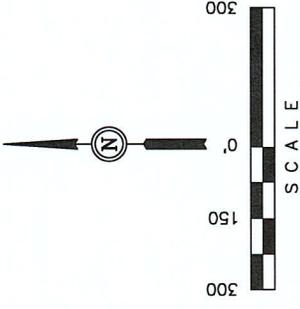
3. It is the intention of the parties hereto to cause as little interference with farming operations on the leased premises as reasonably possible, including but specifically not limited to the operation of any pivotal irrigation sprinkler system, or any other irrigation method. If any circular irrigation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

4. In the event any well hereunder is plugged and abandoned, Operator agrees that Operator will, within a reasonable time, restore Surface Owner's surface estate as near as practical to its original condition found prior to Operator's operations. It is understood and agreed that Surface Owners 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.

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

(For FD #9-21D-5-19)
 LOCATED IN
 SECTION 21, T5S, R19E, S.L.B.&M.,
 Uintah County, Utah



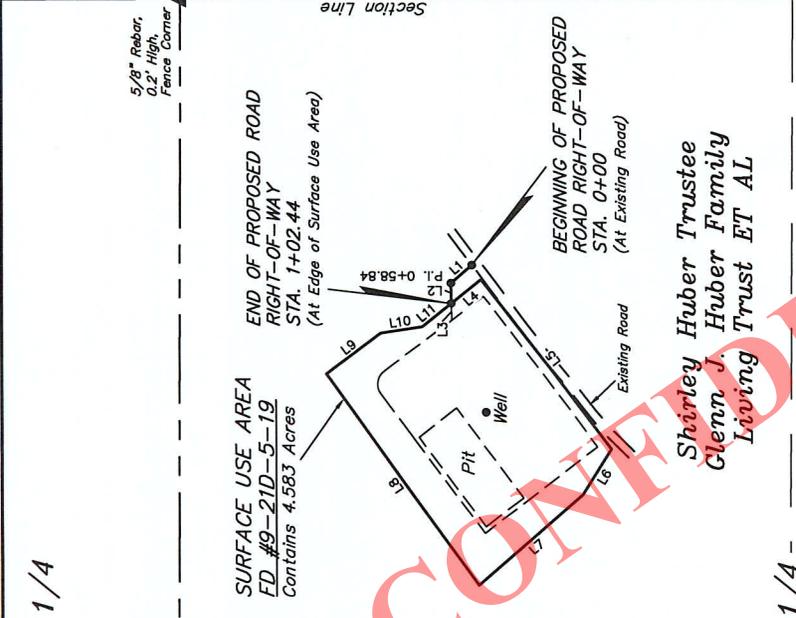
BASIS OF BEARINGS
 BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

RIGHT-OF-WAY LENGTHS			
PROPERTY OWNER	FEET	ACRES	RODS
SHIRLEY HUBER TRUSTEE GLENN J. HUBER FAMILY LIVING TRUST ET AL	102.44	0.071	6.21

▲ = SECTION CORNERS LOCATED.

CERTIFICATE
 THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM THE SURVEY MADE BY ME AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
 No. 161319
 REGISTERED LAND SURVEYOR
 STATE OF UTAH DATE 06JUN2013

UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH - 200 EAST • (435) 789-1017 VERNAL, UTAH - 84078	
SCALE 1" = 300'	DATE 05-16-13
PARTY N.F. E.C. K.O.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE 5 4 3 1 2



LINE TABLE

LINE	DIRECTION	LENGTH
L1	N41°13'13"W	58.84'
L2	S89°12'44"W	43.60'
L3	S89°12'44"W	36.22'
L4	S38°59'36"E	80.63'
L5	S52°27'35"W	453.81'
L6	N57°18'42"W	112.76'
L7	N40°46'12"W	292.65'
L8	N53°59'58"E	548.96'
L9	S37°06'38"E	145.72'
L10	S08°44'45"E	89.04'
L11	S38°59'36"E	79.23'

Shirley Huber Trustee
Glenn J. Huber Family
Living Trust ET AL

NE 1/4

ROAD RIGHT-OF-WAY DESCRIPTION
 A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.
 BEGINNING AT A POINT IN THE NE 1/4 SE 1/4 OF SECTION 21, T5S, R19E, S.L.B.&M., WHICH BEARS S42°16'37"W 835.90' FROM THE EAST 1/4 CORNER OF SAID SECTION 21, THENCE N41°13'13"W 58.84'; THENCE S89°12'44"W 43.60' TO A POINT IN THE NE 1/4 SE 1/4 OF SAID SECTION 21 WHICH BEARS S48°16'44"W 863.74' FROM THE EAST 1/4 CORNER OF SAID SECTION 21. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.071 ACRES MORE OR LESS.

SURFACE USE AREA DESCRIPTION
 BEGINNING AT A POINT IN THE NE 1/4 SE 1/4 OF SECTION 21, T5S, R19E, S.L.B.&M., WHICH BEARS S48°16'44"W 863.74' FROM THE EAST 1/4 CORNER OF SAID SECTION 21, THENCE S38°59'36"E 80.63'; THENCE S52°27'35"W 453.81'; THENCE N57°18'42"W 112.76'; THENCE N40°46'12"W 292.65'; THENCE N53°59'58"E 548.96'; THENCE S37°06'38"E 145.72'; THENCE S08°44'45"E 89.04'; THENCE S38°59'36"E 79.23' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 4.583 ACRES MORE OR LESS.

SE 1/4

1/16 Section Line

BEGINNING OF ROAD STA. 0+00 BEARS S42°16'37"W 835.90' FROM THE EAST 1/4 CORNER OF SECTION 21, T5S, R19E, S.L.B.&M.
 END OF ROAD STA. 1+02.44 BEARS S48°16'44"W 863.74' FROM THE EAST 1/4 CORNER OF SECTION 21, T5S, R19E, S.L.B.&M.

1/4 Section Line

Section Line

S89°33'11"E - 2651.01' (Meas.)

NW 1/4

1/4 Section Line

Sec. 21

SW 1/4

1/16 Section Line

Section Line

Alum. Cap

6. In the event Surface Owners consider that Operator has not complied with all its obligations hereunder, both express and implied, Surface Owners 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 Owners. The service of said notice shall be precedent to the bringing of any action by Surface Owners 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 Owners from any and all environmental problems it causes on the Lands.

8. In the event Surface Owners own 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.

ne
the
site
ds.

SURFACE OWNERS:


By: **Glenn J. Huber, Trustee of the Shirley Huber Family Living Trust executed April 1, 1982**

By: **Shirley Huber, Trustee of the Glenn J. Huber Family Living Trust executed April 1, 1982**

STATE of Utah ACKNOWLEDGEMENT

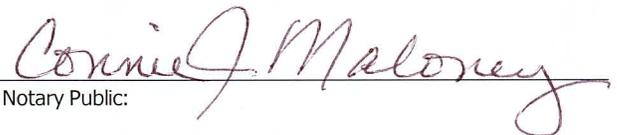
COUNTY of Uintah

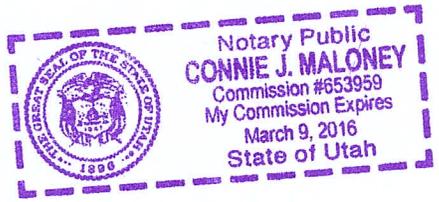
BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this 24th day of June, 2013, personally appeared Glenn J. Huber and Shirley Huber, in the capacities as stated above

_____, 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: 3-9-16


Notary Public:



PIPELINE RIGHT-OF-WAY AGREEMENT

STATE OF UTAH }
 } SS
COUNTY OF UINTAH }

THAT, effective on this 21st day of June, 2013,

Glenn J. Huber, Trustee of the Shirley Huber Family Living Trust executed April 1, 1982 and Shirley Huber, Trustee of the Glenn J. Huber Family Living Trust executed April 1, 1982 whose address is: P.O. Box 154, Lapoint, UT 84039

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

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

- Township 5 South, Range 19 East, SLM**
Section 21: A tract of land lying in the E/2SE/4
- Section 22: Tracts of land lying in the N/2NE/4, NW/4 and NW/4SW/4**
- Township 6 South, Range 19 East, SLM**
Section 4: A tract of land lying in tracts 38, 38A and 39

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. Grantors 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 Grantors arising out of the construction or repair of any of the pipelines and facilities herein authorized to be maintained and operated by Grantee. This easement shall not exceed Thirty (30) feet in width for construction and Twenty five (25) feet for the permanent easement. Pipelines and disturbed ground to be reseeded at recommended seeding rates per Grantors once cleanup is completed.

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

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

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

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

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

This agreement shall be binding upon the successors and assigns of the parties hereto and shall be deemed to be a covenant running with the lands described above.

IN WITNESS WHEREOF, the GRANTORS and GRANTEE herein named have hereunto set their hand and seal this 24th day June, 2013.

GRANTORS:

Glenn J. Huber
**Glenn J. Huber, Trustee
of the Shirley Huber Family Living Trust
executed April 1, 1982**

Shirley Huber
**Shirley Huber, Trustee
of the Glenn J. Huber Family Living Trust
executed April 1, 1982**

GRANTEE:

Aurora Gathering, LLC

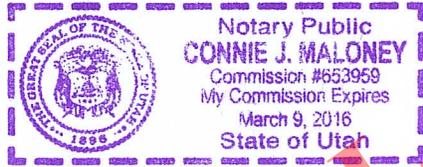
Steve W. Rawlings, Senior Vice President Operations

ACKNOWLEDGEMENT

STATE OF }
COUNTY OF } SS
}

BEFORE me, the undersigned, a Notary Public in and for said County and State, on this 24th day of June, 2013, personally appeared **Glenn J. Huber, Trustee of the Shirley Huber Family Living Trust executed April 1, 1982 and Shirley Huber, Trustee of the Glenn J. Huber Family Living Trust executed April 1, 1982**, 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.

Connie J. Maloney
Notary Public
Residing At: Urnal, Utah



CONFIDENTIAL

ACKNOWLEDGEMENT

STATE OF COLORADO }
CITY & COUNTY OF DENVER } SS
}

The foregoing instrument was signed by stamp and acknowledged before me this _____ day of _____, 2013, by **Steve W. Rawlings**, the Senior Vice President Operations of Bill Barrett Corporation, who personally verified to me that said stamp is a true and correct replicate of his/her signature and the he/she authorized its use to execute the foregoing instrument on behalf of said corporation.

My Commission Expires:

NOTARY PUBLIC

Residing at: _____

NW 1/4

NE 1/4

1/4 Section Line

Sec. 21

PIPELINE RIGHT-OF-WAY DESCRIPTION

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:
 BEGINNING AT A POINT IN THE NE 1/4 SE 1/4 OF SECTION 21, T5S, R19E, S.L.B.&M., WHICH BEARS S46°03'38"W, 865.99' FROM THE EAST 1/4 CORNER OF SAID SECTION 21, THENCE S87°44'04"E 9.44'; THENCE S39°38'52"E 85.84' TO A POINT IN THE NE 1/4 SE 1/4 OF SAID SECTION 21 WHICH BEARS S39°58'08"W 870.80' FROM THE EAST 1/4 CORNER OF SAID SECTION 21. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES, BASIS OF BEARINGS IS A G.P.S. OBSERVATION, CONTAINS 0.066 ACRES MORE OR LESS.

SW 1/4

1/16 Section Line

SE 1/4

1/4 Section Line

1/16 Section Line

BEGINNING OF PIPELINE STA. 0+00 BEARS S46°03'38"W 865.99' FROM THE EAST 1/4 CORNER OF SECTION 21, T5S, R19E, S.L.B.&M.
 END OF PIPELINE STA. 0+95.27 BEARS S39°58'08"W 870.80' FROM THE EAST 1/4 CORNER OF SECTION 21, T5S, R19E, S.L.B.&M.

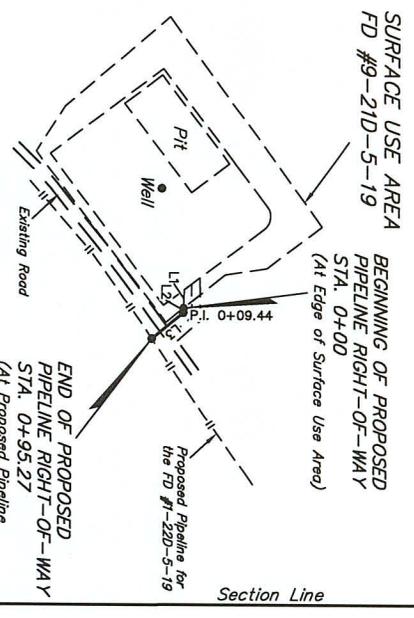
Alum. Cap

Section Line

S89°33'11"E - 2651.01' (Meas.)

Stone

Shirley Huber Trustee
 Glenn J. Huber Family
 Living Trust ET AL

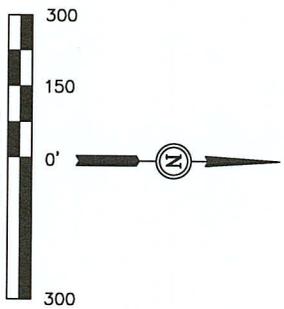


LINE	DIRECTION	LENGTH
L1	S87°44'04"E	38.23'
L2	S87°44'04"E	9.44'
L3	S39°38'52"E	85.84'

5/8" Rebar,
0.2' High
Fence Corner

PIPELINE RIGHT-OF-WAY ON FEE LANDS

LOCATED IN SECTION 21, T5S, R19E, S.L.B.&M., UTAH COUNTY, UTAH
 (For FD #9-21D-5-19)



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

BASIS OF BEARINGS

PROPERTY OWNER	FEET	ACRES	RODS
SHIRLEY HUBER TRUSTEE	95.27	0.066	5.77
GLENN J. HUBER FAMILY			
LIVING TRUST ET AL			

▲ = SECTION CORNERS LOCATED.

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

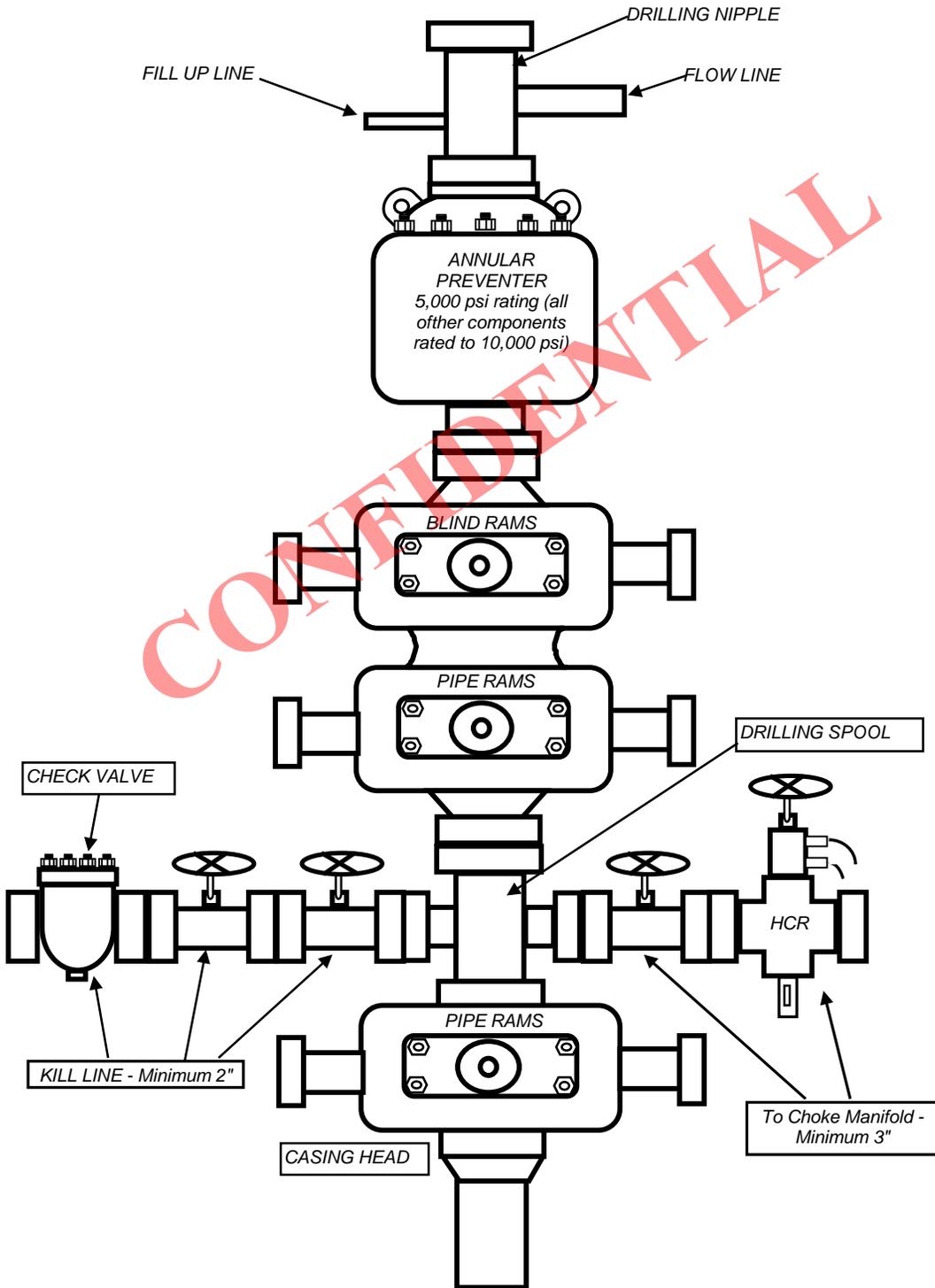


UINAH ENGINEERING & LAND SURVEYING
 86 SOUTH - 200 EAST • (435) 789-1017
 VERNAL, UTAH - 84078

SCALE	DATE
1" = 300'	05-16-13
PARTY	REFERENCES
N.F. E.C. K.O.	G.L.O. PLAT
WEATHER	FILE
WARM	5 4 3 1 3

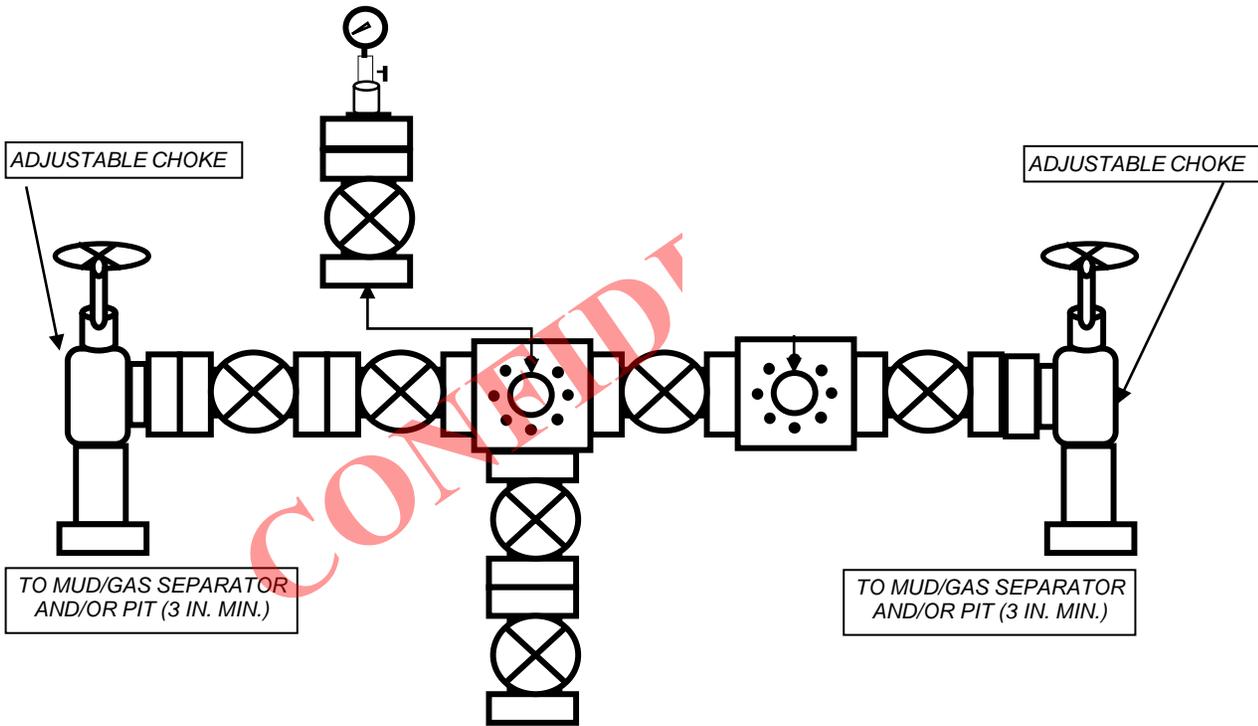
BILL BARRETT CORPORATION

TYPICAL 10,000 p.s.i. BLOWOUT PREVENTER

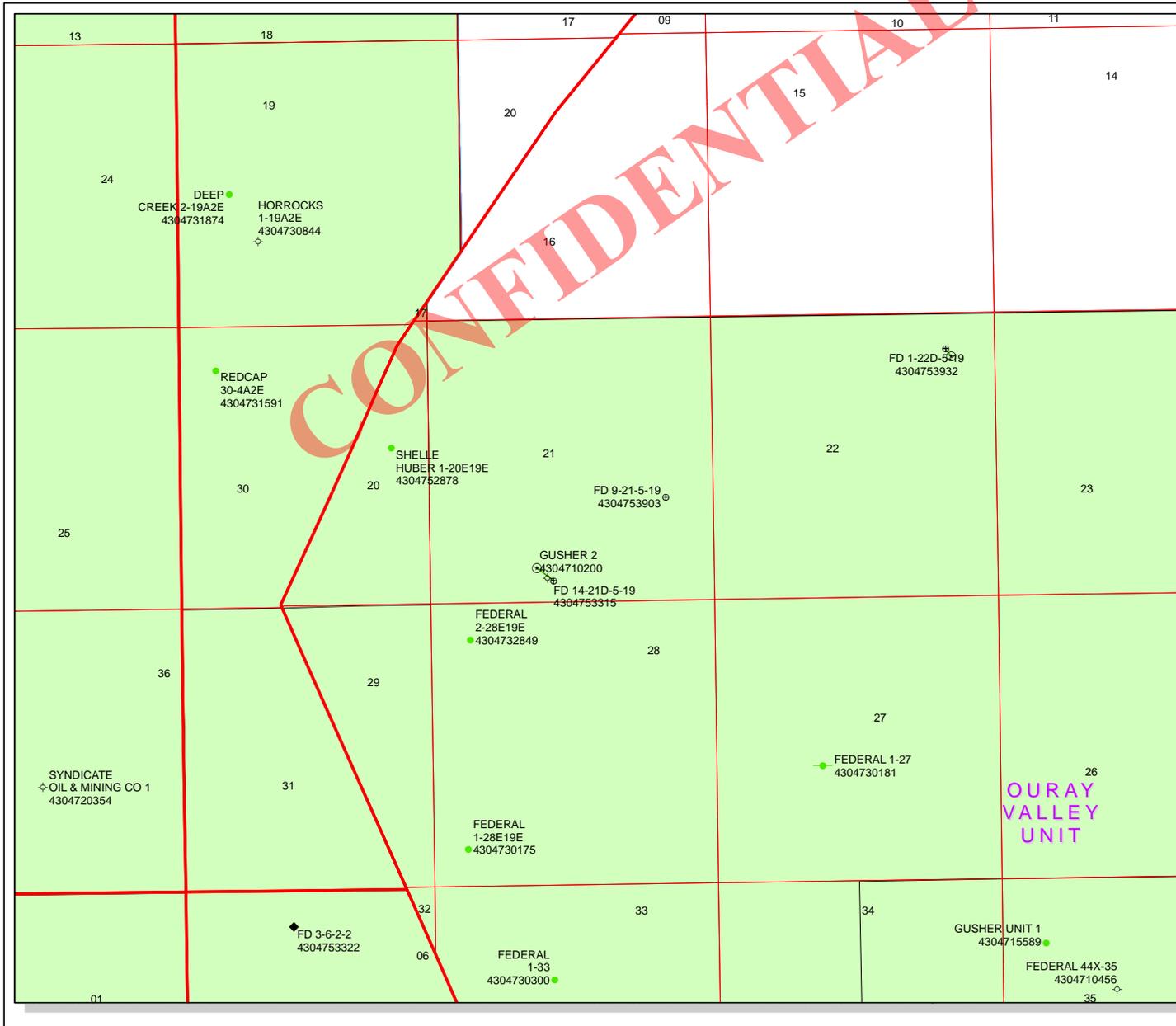


BILL BARRETT CORPORATION

TYPICAL 10,000 p.s.i. CHOKE MANIFOLD



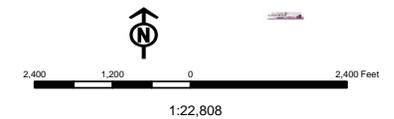
ALL EQUIPMENT IS 3" (MINIMUM).



API Number: 4304753903
Well Name: FD 9-21-5-19
Township T05.0S Range R19.0E Section 21
Meridian: SLBM
Operator: BILL BARRETT CORP

Map Prepared:
 Map Produced by Diana Mason

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



Well Name	BILL BARRETT CORP FD 9-21D-5-19 43047539030000			
String	COND	SURF	I1	L1
Casing Size(")	16.000	9.625	7.000	4.500
Setting Depth (TVD)	80	2500	9019	13499
Previous Shoe Setting Depth (TVD)	0	80	2500	9019
Max Mud Weight (ppg)	8.7	8.7	10.0	12.5
BOPE Proposed (psi)	0	500	10000	10000
Casing Internal Yield (psi)	1000	3520	9950	12410
Operators Max Anticipated Pressure (psi)	8774			12.5

Calculations	COND String	16.000	"
Max BHP (psi)	.052*Setting Depth*MW=	36	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	26	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	18	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	18	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=	1131	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	831	NO diverter or rotating head
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	581	NO OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	599	NO No expected pressure
Required Casing/BOPE Test Pressure=		2464	psi
*Max Pressure Allowed @ Previous Casing Shoe=		80	psi *Assumes 1psi/ft frac gradient

Calculations	I1 String	7.000	"
Max BHP (psi)	.052*Setting Depth*MW=	4690	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3608	YES 10M BPOE double ram, 10M single pipe ram,
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2706	YES 5M annular
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	3256	NO OK
Required Casing/BOPE Test Pressure=		6965	psi
*Max Pressure Allowed @ Previous Casing Shoe=		2500	psi *Assumes 1psi/ft frac gradient

Calculations	L1 String	4.500	"
Max BHP (psi)	.052*Setting Depth*MW=	8774	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	7154	YES 10M BOPE double ram, 10M single pipe ram,
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	5804	YES 5M annular
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	7788	YES OK
Required Casing/BOPE Test Pressure=		8687	psi
*Max Pressure Allowed @ Previous Casing Shoe=		9019	psi *Assumes 1psi/ft frac gradient

43047539030000 FD 9-21D-5-19

Casing Schematic

Surface

12%

18%

TOC @ *Uinta*
0.

→ to 0' @ 10% w/o, tail 7135

TOC @
675.

2980' tail

Surface
2500. MD

4200' ± BMSW

5094' BMSW (BBC)

6312' Green River

7015' Mahogany
7135' tail

8317' TGR3

10%

TOL @
8819.

8448' Douglas Creek

TOC @
8819.

8968' Black Shale Facies
Castle Peak

Intermediate
9019. MD

9169' Uteland Butte

10141' Wasatch

9-5/8"
MW 8.7
Frac 19.3

Stop cuts.

7"
MW 10.
Frac 19.3

4-1/2"
MW 12.5

Production Liner
13500. MD

CONFIDENTIAL

Well name:	43047539030000 FD 9-21D-5-19	
Operator:	BILL BARRETT CORP	Project ID:
String type:	Surface	43-047-53903
Location:	UINTAH COUNTY	

Design parameters:

Collapse

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

Minimum design factors:

Collapse:

Design factor 1.125

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 123 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 100 ft

Burst:

Design factor 1.00

Cement top: Surface

Burst

Max anticipated surface pressure: 3,080 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP 3,500 psi

No backup mud specified.

Tension:

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

Tension is based on buoyed weight.
 Neutral point: 3,049 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 9,018 ft
 Next mud weight: 10.000 ppg
 Next setting BHP: 4,685 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 3,500 ft
 Injection pressure: 3,500 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	3500 2500	9.625	36.00	J-55	ST&C	3500	3500	8.796	30422
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	1582	2020	1.277	3500	3520	1.01	109.8	394	3.59 J

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

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

Date: August 29, 2013
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 3500 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.

Well name:	43047539030000 FD 9-21D-5-19	
Operator:	BILL BARRETT CORP	
String type:	Intermediate	Project ID: 43-047-53903
Location:	UINTAH COUNTY	

Design parameters:

Collapse

Mud weight: 10.000 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 200 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 675 ft

Burst

Max anticipated surface pressure: 5,667 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 7,651 psi

No backup mud specified.

Tension:

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

Tension is based on buoyed weight.
Neutral point: 7,659 ft

Directional Info - Build & Hold

Kick-off point 3600 ft
Departure at shoe: 75 ft
Maximum dogleg: 1.5 °/100ft
Inclination at shoe: 0 °

Re subsequent strings:

Next setting depth: 13,199 ft
Next mud weight: 12.500 ppg
Next setting BHP: 8,571 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 9,018 ft
Injection pressure: 9,018 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	9019	7	26.00	P-110	LT&C	9018	9019	6.151	93753
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	4685	6230	1.330	7651	9950	1.30	199.1	693	3.48 J

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

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

Date: August 29, 2013
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 9018 ft, a mud weight of 10 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.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Well name:	43047539030000 FD 9-21D-5-19		
Operator:	BILL BARRETT CORP		Project ID:
String type:	Production Liner		43-047-53903
Location:	UINTAH COUNTY		

Design parameters:

Collapse

Mud weight: 12.500 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 263 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,000 ft

Burst

Max anticipated surface pressure: 5,796 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 8,766 psi

No backup mud specified.

Tension:

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

Tension is based on buoyed weight.
 Neutral point: 12,633 ft

Cement top: 8,819 ft

Liner top: 8,819 ft

Directional Info - Build & Hold

Kick-off point 3600 ft
 Departure at shoe: 75 ft
 Maximum dogleg: 0 °/100ft
 Inclination at shoe: 0 °

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	4700	4.5	13.50	P-110	LT&C	13499	13500	3.795	26336
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	8766	10680	1.218	8766	12410	1.42	51.7	338	6.53 J

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

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

Date: August 29, 2013
 Salt Lake City, Utah

Remarks:

For this liner string, the top is rounded to the nearest 100 ft. Collapse is based on a vertical depth of 13499 ft, a mud weight of 12.5 ppg. The Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator BILL BARRETT CORP
Well Name FD 9-21-5-19
API Number 43047539030000 **APD No** 8339 **Field/Unit** WILDCAT
Location: 1/4,1/4 NESE **Sec** 21 **Tw** 5.0S **Rng** 19.0E 1946 FSL 877 FEL
GPS Coord (UTM) 602797 4469060 **Surface Owner** GLENN HUBER

Participants

Trevor Anderson (surveyor), Kary Eldredge and Jake Woodland (BBC), Jennifer Hall (landman), Jim Burns and Don Hamilton (permit contractor)

Regional/Local Setting & Topography

This proposed well site is quite flat but lies in an area of scattered small hills, dry washes, and exposed rock outcroppings. The site is about 2.5 miles south of Lapoint and about 4.5 miles north of Gusher Utah. Drainage here is to the south.

Surface Use Plan

Current Surface Use
Wildlfe Habitat

New Road Miles	Well Pad Width 300 Length 400	Src Const Material	Surface Formation
0.02		Offsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Mostly grease wood and some small sage.

Soil Type and Characteristics

Clay loam

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required? Y

Drainage needed on the east side around corner 6.

Berm Required? N

Erosion Sedimentation Control Required? N

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

Reserve Pit

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)	100 to 200	5
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	Mod permeability	10
Fluid Type	TDS>10000	15
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)		0
Affected Populations		
Presence Nearby Utility Conduits	Not Present	0
	Final Score	30
		1 Sensitivity Level

Characteristics / Requirements

The reserve pit is proposed in a cut stable location. Dimensions are 235 x 100 x 10ft. Bill Barrett representative Kary Eldredge stated that a 20 mil reserve pit liner and felt subliner are used on all BBC locations as standard equipment. This liner program appears adequate for this location.

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

Other Observations / Comments

Richard Powell
Evaluator

8/7/2013
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
8339	43047539030000	LOCKED	OW	P	No
Operator	BILL BARRETT CORP		Surface Owner-APD	GLENN HUBER	
Well Name	FD 9-21-5-19		Unit		
Field	WILDCAT		Type of Work	DRILL	
Location	NESE 21 5S 19E S 1946 FSL 877 FEL GPS Coord (UTM) 602794E 4469046N				

Geologic Statement of Basis

Bill Barrett proposes to set 80 feet of conductor and 3,500 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 4,200'. A search of Division of Water Rights records shows 17 water wells within a 10,000 foot radius of the center of Section 21. These wells range in depth from 29-400 feet. Listed uses are domestic, irrigation and stock watering. The wells probably produce water from 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

8/22/2013
Date / Time

Surface Statement of Basis

This proposed well site is on fee surface with fee minerals. Surface owner Glenn Huber was invited but chose not to attend the onsite inspection. Mr. Huber voiced no opposition to drilling at this site.

A drainage diversion will be needed around corner 6 to the east. According to Kary Eldredge a 20 mill liner and felt subliner will be used. This liner program appears adequate for this location. This site is quite flat and appears to be a good location for placement of this well.

Richard Powell
Onsite Evaluator

8/7/2013
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	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 7/24/2013

API NO. ASSIGNED: 43047539030000

WELL NAME: FD 9-21-5-19

OPERATOR: BILL BARRETT CORP (N2165)

PHONE NUMBER: 303 312-8115

CONTACT: Brady Riley

PROPOSED LOCATION: NESE 21 050S 190E

Permit Tech Review:

SURFACE: 1946 FSL 0877 FEL

Engineering Review:

BOTTOM: 1946 FSL 0877 FEL

Geology Review:

COUNTY: UINTAH

LATITUDE: 40.36565

LONGITUDE: -109.78929

UTM SURF EASTINGS: 602794.00

NORTHINGS: 4469046.00

FIELD NAME: WILDCAT

LEASE TYPE: 4 - Fee

LEASE NUMBER: fee

PROPOSED PRODUCING FORMATION(S): GREEN RIVER(LWR)-WASATCH

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

LOCATION AND SITING:

- PLAT
- Bond: STATE - LPM4138148
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: 49-1645
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

- 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

Commingle Approved

Comments: Presite Completed

Stipulations: 5 - Statement of Basis - bhll
8 - Cement to Surface -- 2 strings - hmacdonald
25 - Surface Casing - hmacdonald



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: FD 9-21-5-19
API Well Number: 43047539030000
Lease Number: fee
Surface Owner: FEE (PRIVATE)
Approval Date: 9/18/2013

Issued to:

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

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 139-42. The expected producing formation or pool is the GREEN RIVER(LWR)-WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

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

General:

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

Conditions of Approval:

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

Cement volumes for the 9 5/8" and 7" casing strings shall be determined from actual hole diameters in order to place cement from the pipe setting depths back to the surface.

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
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 9-21-5-19
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1946 FSL 0877 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 21 Township: 05.0S Range: 19.0E Meridian: S	9. API NUMBER: 43047539030000
5. 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: 9/18/2015	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

BBC requests a one year extension for the subject APD.

Approved by the
August 18, 2014
Oil, Gas and Mining

Date: _____
 By: 

NAME (PLEASE PRINT) Christina Hirtler	PHONE NUMBER 303 312-8597	TITLE Administrative Assistant
SIGNATURE N/A	DATE 8/15/2014	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047539030000

API: 43047539030000

Well Name: FD 9-21-5-19

Location: 1946 FSL 0877 FEL QTR NESE SEC 21 TWP 050S RNG 190E MER S

Company Permit Issued to: BILL BARRETT CORP

Date Original Permit Issued: 9/18/2013

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

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

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

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

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

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

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

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

Signature: Christina Hirtler

Date: 8/15/2014

Title: Permit Analyst Representing: BILL BARRETT CORP

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: fee
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: FD 9-21-5-19
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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: 9/18/2016	<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
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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 checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

BBC hereby request a one year extension for this APD through
 9/18/2016

Approved by the
August 04, 2015
Oil, Gas and Mining

Date: _____
 By: 

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 8/3/2015	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047539030000

API: 43047539030000

Well Name: FD 9-21-5-19

Location: 1946 FSL 0877 FEL QTR NESE SEC 21 TWNP 050S RNG 190E MER S

Company Permit Issued to: BILL BARRETT CORP

Date Original Permit Issued: 9/18/2013

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

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

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

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

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

Signature: Brady Riley

Date: 8/3/2015

Title: Permit Analyst Representing: BILL BARRETT CORP



GARY R. HERBERT
Governor

SPENCER J. COX
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

September 20, 2016

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

Re: APD Rescinded – FD 9-21-5-19, Sec. 21, T. 5S, R. 19E
Uintah County, Utah API No. 43-047-53903

Dear Ms. Riley:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on September 18, 2013. On August 18, 2014 and August 4, 2015 the Division granted a one-year APD extension. On September 19, 2016, you requested that the division rescind the state approved APD. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective September 19, 2016.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason
Environmental Scientist

cc: Well File
Brad Hill, Technical Service Manager

