

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

FORM 3

AMENDED REPORT

<b>APPLICATION FOR PERMIT TO DRILL</b>						1. WELL NAME and NUMBER FD 3-6-2-2								
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT UNDESIGNATED								
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME								
6. NAME OF OPERATOR BILL BARRETT CORP						7. OPERATOR PHONE 303 312-8164								
8. ADDRESS OF OPERATOR 1099 18th Street Ste 2300, Denver, CO, 80202						9. OPERATOR E-MAIL BHilgers@billbarrettcorp.com								
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) fee			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>								
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Shirley and 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, LAPOINT, UT 84039						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')								
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input checked="" type="checkbox"/> (Submit Commingling Application) NO <input type="checkbox"/>			19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>								
20. LOCATION OF WELL		FOOTAGES		QTR-QTR		SECTION		TOWNSHIP		RANGE		MERIDIAN		
LOCATION AT SURFACE		592 FNL 2054 FWL		NENW		6		2.0 S		2.0 E		U		
Top of Uppermost Producing Zone		592 FNL 2054 FWL		NENW		6		2.0 S		2.0 E		U		
At Total Depth		592 FNL 2054 FWL		NENW		6		2.0 S		2.0 E		U		
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 592			23. NUMBER OF ACRES IN DRILLING UNIT 640								
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 3537			26. PROPOSED DEPTH MD: 12998 TVD: 12998								
27. ELEVATION - GROUND LEVEL 5178			28. BOND NUMBER LPM4138148			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 49-2336								
<b>Hole, Casing, and Cement Information</b>														
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 - 8763	26.0	P-110 LT&C	10.0	Unknown		500	2.31	11.0			
L1	6.125	4.5	8562 - 12998	13.5	P-110 LT&C	12.5	Unknown		320	1.42	13.5			
							No Used		540	1.18	15.6			
<b>ATTACHMENTS</b>														
<b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>														
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER						<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN								
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)						<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER								
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)						<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP								
NAME Brady Riley				TITLE Permit Analyst				PHONE 303 312-8115						
SIGNATURE				DATE 11/09/2012				EMAIL briley@billbarrettcorp.com						
API NUMBER ASSIGNED 43047533220000				APPROVAL				 Permit Manager						

**BILL BARRETT CORPORATION**  
**DRILLING PLAN REVISED**

**FD 3-6-2-2**

NENW, 592' FNL and 2054' FWL, Section 6, T2S-R2E, USB&M (surface hole)  
 NENW, 592' FNL and 2054' FWL, Section 6, T2S-R2E, USB&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**

<b>Formation</b>	<b>Depth – MD/TVD</b>
Green River*	6028'
TGR3	8153'
Black Shale	8713'
Wasatch*	9998'
TD	12998'

\*PROSPECTIVE PAY

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

Base of Useable Water = 3993'

**3. BOP and Pressure Containment Data**

<b>Depth Intervals</b>	<b>BOP Equipment</b>
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.	

**4. Casing Program**

<b>Hole Size</b>	<b>SETTING DEPTH</b>		<b>Casing Size</b>	<b>Casing Weight</b>	<b>Casing Grade</b>	<b>Thread</b>	<b>Condition</b>
	<b>(FROM)</b>	<b>(TO)</b>					
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	8763'	7"	26#	P110	LTC	New
6 1/8"	8563'	TD	4 1/2" Liner	13.5#	P110	LTC	New

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

Bill Barrett Corporation  
 Drilling Program **REVISED**  
 FD 3-6-2-2  
 Uintah County, Utah

- Properly lubricated and maintained rotating head
- Spark arresters on engines or water cooled exhaust
- Blooie line discharge 100 feet from well bore and securely anchored
- Straight run on blooie line unless otherwise approved
- Deduster equipment
- All cuttings and circulating medium shall be directed into a reserve or blooie pit
- Float valve above bit
- Automatic igniter or continuous pilot light on the blooie line
- Compressors located in the opposite direction from the blooie line 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

#### 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 <sup>3</sup> /sx, 100% excess Tail: 230 sx Halliburton Premium w/ additives and LCM, 14.8 ppg, 1.39 ft <sup>3</sup> /sx, 100% excess Cement to surface, top out as necessary.
8-3/4" hole for 7" intermediate casing	Lead: 500 sx Tuned Light cement w/ additives mixed at 11 ppg (yield = 2.31 ft <sup>3</sup> /sx). Tail: 320 sx Halliburton Econocem w/ additives mixed at 13.5 ppg (yield = 1.42 ft <sup>3</sup> /sx). 2000' fill, Planned TOC @ 2000' 50% excess
6-1/8" hole for 4-1/2" production liner	540 sx Premium w/ additives, 15.6 ppg, (yield = 1.18 ft <sup>3</sup> /sx), 4435' fill, Planned TOC @ 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' – 2500'	Air/Mist/ 8.3 – 8.7	26 – 36	NC	Air/Mist/Freshwater Spud Mud Fluid System
2500' - 5,500'	9.2 – 9.4	26 – 36	NC	Freshwater Mud Fluid System
5,500' – 8763'	9.4 – 10.0	42-58	25 cc or less	LSND Fluid System
8763' – 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.

Bill Barrett Corporation  
Drilling Program **REVISED**  
FD 3-6-2-2  
Uintah County, Utah

**8. Anticipated Abnormal Pressures or Temperatures**

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 8112 psi\* and maximum anticipated surface pressure equals approximately 5252 psi\*\* (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

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

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

**9. Auxiliary Equipment**

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

**10. Location and Type of Water Supply**

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

**11. Drilling Schedule**

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

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Cement Volume Calculations for the: FD 3-6-2-2

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 <sup>3</sup> /sk	Proposed SX Tail =	230
Tail Weight =	14.80 lbm/gal		
Tail Yield =	1.39 ft <sup>3</sup> /sk		

Intermediate Hole:

<u>Hole Data:</u>		<u>Calculated Data:</u>	
Total Depth (MD) =	8,763'	Lead Fill =	4763 ft
TOC (MD) =	2,000'	Lead Volume =	134.9 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 =	500
Lead Yield =	2.31 ft <sup>3</sup> /sk	Proposed SX Tail =	320
Tail Weight =	13.50 lbm/gal		
Tail Yield =	1.42 ft <sup>3</sup> /sk		

**Production Liner:** 200' into Intermediate Casing

**Hole Data:**

Total Depth (MD) = **12,998'**  
TOL (MD) = **8,563'**  
Hole Diameter = **6.125"**  
Liner OD = **4.500"**  
Open Hole Excess = **50%**  
Casing Excess = **50%**

**Calculated Data:**

Lead Fill = **4435** ft  
Lead Volume = **75.0** bbl

**Cement Data:**

Lead Weight = **15.60** lbm/gal  
Lead Yield = **1.18** ft<sup>3</sup>/sk

**Proposed Cement Data:**

Proposed SX Lead = **540**

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# BILL BARRETT CORPORATION

## FD #3-6-2-2

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 6, T2S, R2E, U.S.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



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

<b>LOCATION PHOTOS</b>			<b>10</b>	<b>07</b>	<b>11</b>	<b>PHOTO</b>
			MONTH	DAY	YEAR	
TAKEN BY: C.R.	DRAWN BY: C.I.	REVISED: 10-23-12				

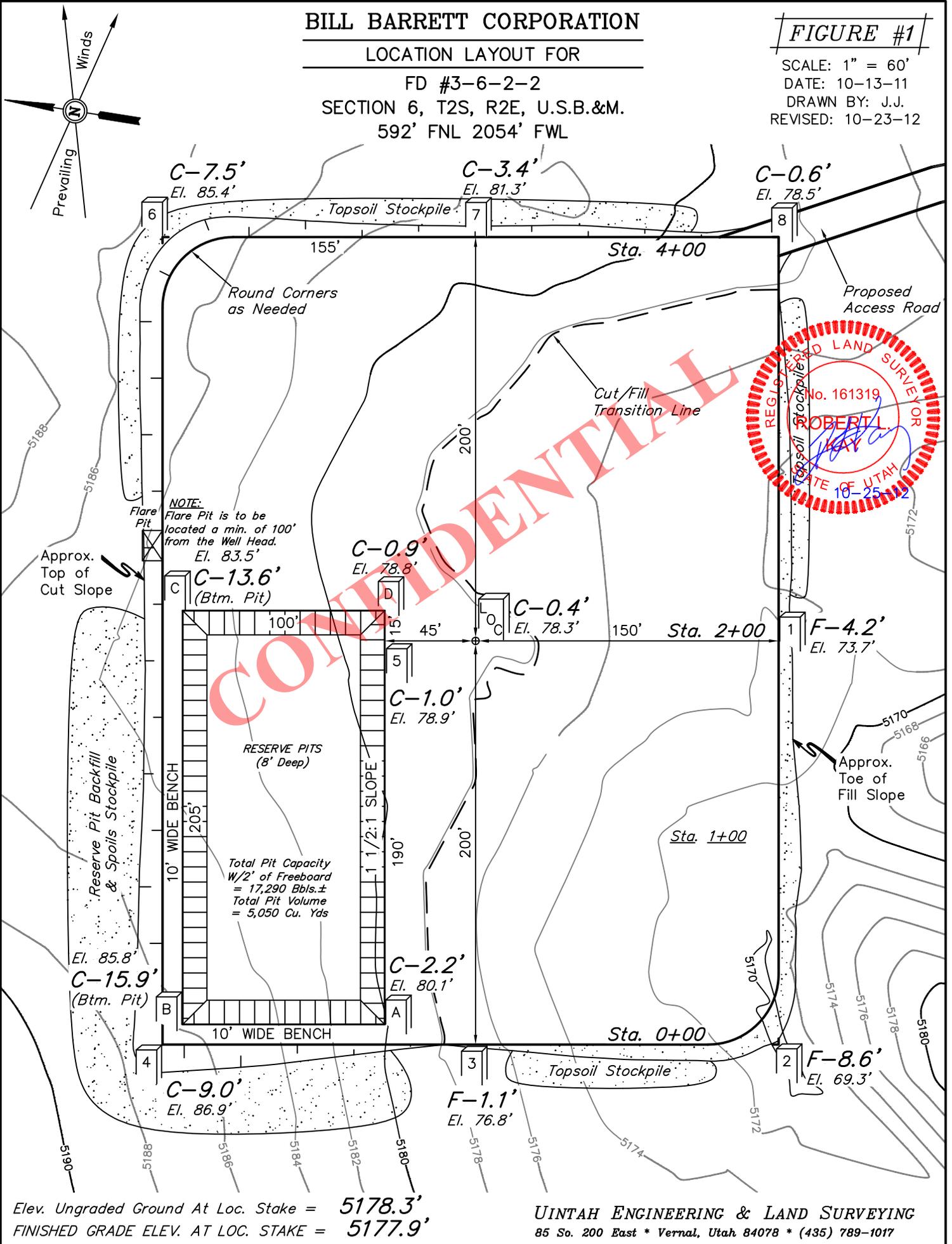
# BILL BARRETT CORPORATION

## LOCATION LAYOUT FOR

FD #3-6-2-2  
SECTION 6, T2S, R2E, U.S.B.&M.  
592' FNL 2054' FWL

FIGURE #1

SCALE: 1" = 60'  
DATE: 10-13-11  
DRAWN BY: J.J.  
REVISED: 10-23-12



Elev. Ungraded Ground At Loc. Stake = 5178.3'  
FINISHED GRADE ELEV. AT LOC. STAKE = 5177.9'

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RECEIVED: November 09, 2012

**BILL BARRETT CORPORATION**

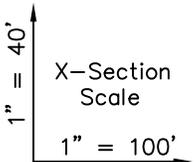
**TYPICAL CROSS SECTIONS FOR**

FD #3-6-2-2

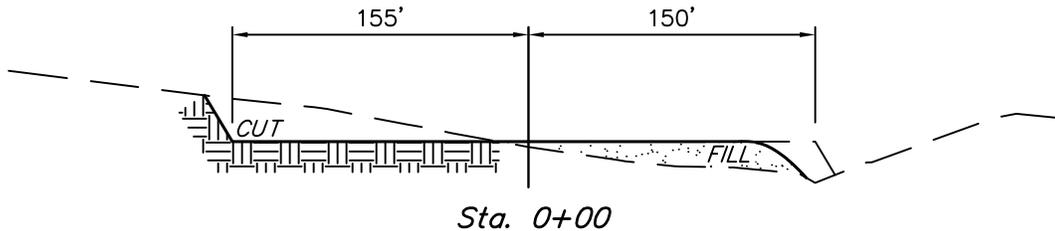
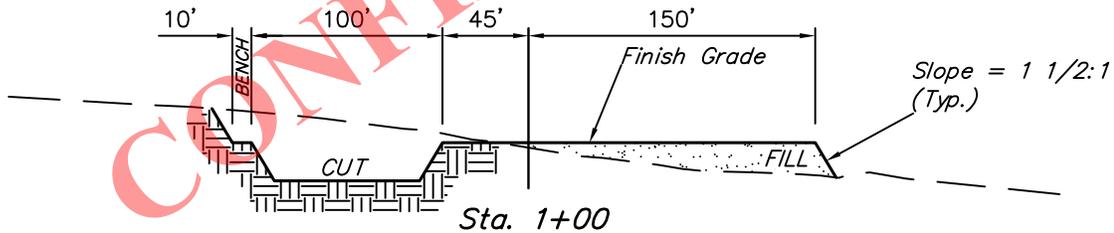
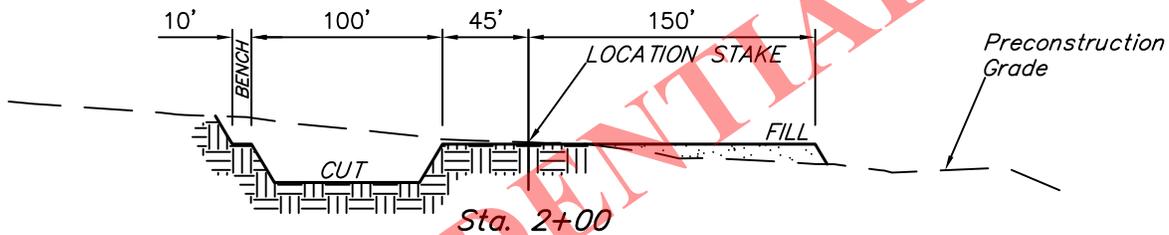
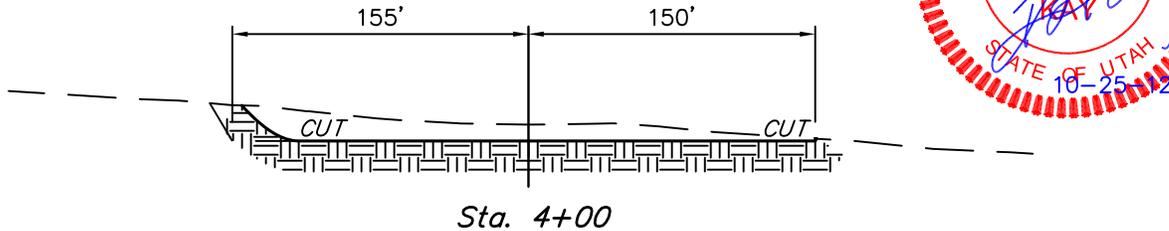
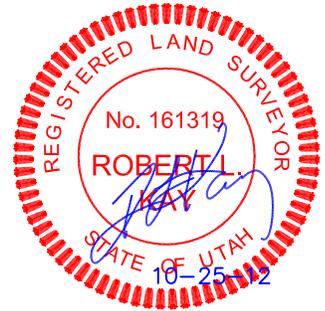
SECTION 6, T2S, R2E, U.S.B.&M.

592' FNL 2054' FWL

**FIGURE #2**



DATE: 10-13-11  
DRAWN BY: J.J.  
REVISED: 10-23-12



**NOTE:**

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

**APPROXIMATE ACREAGES**

WELL SITE DISTURBANCE	= ± 3.667 ACRES
ACCESS ROAD DISTURBANCE	= ± 1.405 ACRES
<b>TOTAL</b>	<b>= ± 5.072 ACRES</b>

\* NOTE: FILL QUANTITY INCLUDES 5% FOR COMPACTION

**APPROXIMATE YARDAGES**

(6") Topsoil Stripping	= 2,510 Cu. Yds.
Remaining Location	= 12,420 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 14,930 CU.YDS.</b>
<b>FILL</b>	<b>= 8,080 CU.YDS.</b>

EXCESS MATERIAL	= 6,850 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 5,040 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 1,810 Cu. Yds.

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

# BILL BARRETT CORPORATION

## TYPICAL RIG LAYOUT FOR

FD #3-6-2-2

SECTION 6, T2S, R2E, U.S.B.&M.

592' FNL 2054' FWL

FIGURE #3

SCALE: 1" = 60'

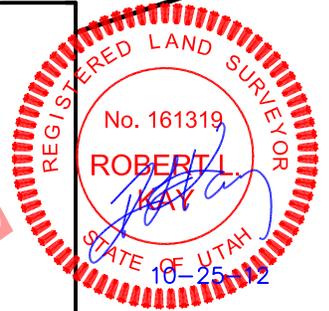
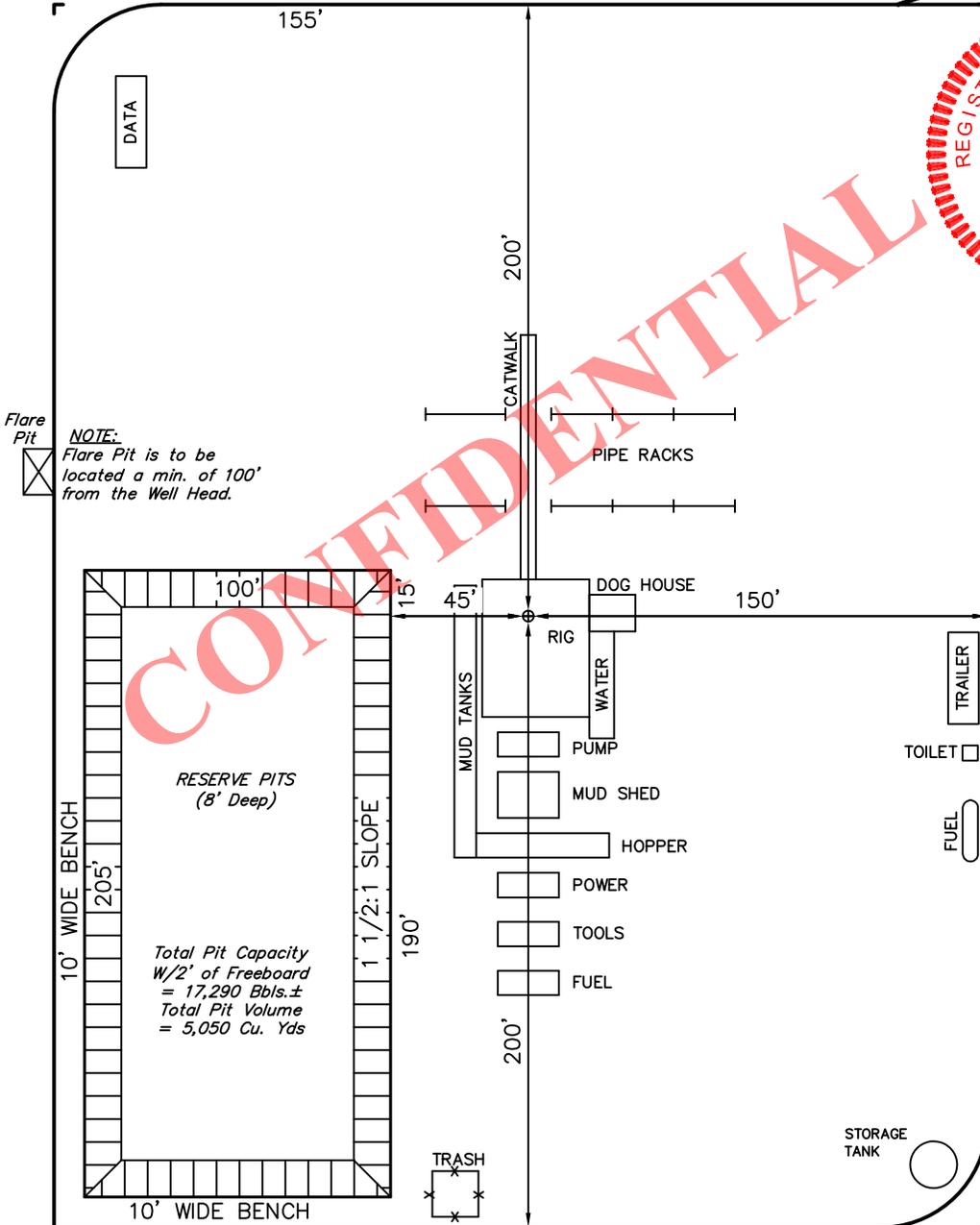
DATE: 10-13-11

DRAWN BY: J.J.

REVISED: 10-23-12



Proposed Access Road



**CONFIDENTIAL**

**BILL BARRETT CORPORATION**

**INTERM RECLAMATION PLAN FOR**

**FD #3-6-2-2**

**SECTION 6, T2S, R2E, U.S.B.&M.**

**592' FNL 2054' FWL**

**FIGURE #4**

SCALE: 1" = 60'

DATE: 10-13-11

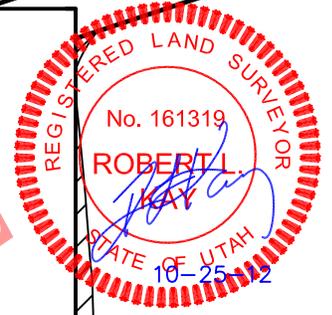
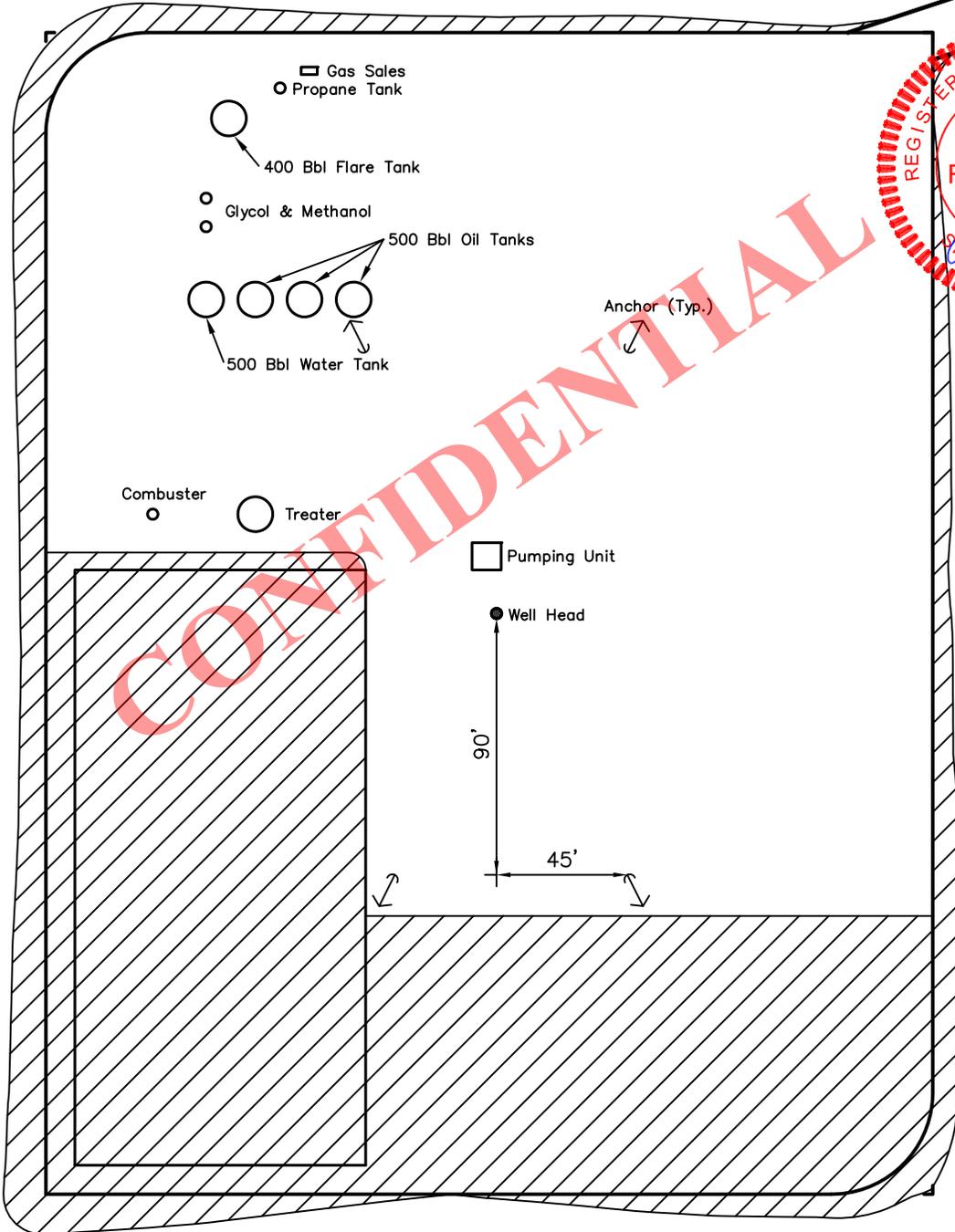
DRAWN BY: J.J.

REVISED: 10-19-11

REVISED: 10-23-12



Proposed Access Road



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INTERM RECLAMATION

APPROXIMATE ACREAGES  
UN-RECLAIMED = ± 1.808 ACRES

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

**RECEIVED:** November 09, 2012

Section Line  
Plastic Cap

889'48.50"W - 4119.66' (Meas.)

C.C. NE Cor.  
Sec. 6, cap  
Alum. Cap

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

(For FD #3-6-2-2)

LOCATED IN  
SECTION 6, T2S, R2E, U.S.B.&M.,  
UINTAH COUNTY, UTAH

**SURFACE USE AREA DESCRIPTION**

BEGINNING AT A POINT IN THE NE 1/4 NW 1/4 OF SECTION 6, T2S, R2E, U.S.B.&M. WHICH BEARS S72°06'45"E 2405.11' FROM THE NORTHWEST CORNER OF SAID SECTION 6, THENCE S80°57'16"W 433.41'; THENCE N09°02'44"W 355.00'; THENCE N80°57'16"E 450.00'; THENCE S09°02'44"E 355.00'; THENCE S80°57'16"W 16.59' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 3.667 ACRES MORE OR LESS.

BEGINNING OF ROAD STA. 0+00 BEARS N89°42'15"E 2531.30' FROM THE WEST 1/4 CORNER OF SECTION 6, T2S, R2E, U.S.B.&M.  
END OF ROAD STA. 20+40.19 BEARS S72°06'45"E 2405.11' FROM THE NORTHWEST CORNER OF SECTION 6, T2S, R2E, U.S.B.&M.

**ROAD RIGHT-OF-WAY DESCRIPTION**

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

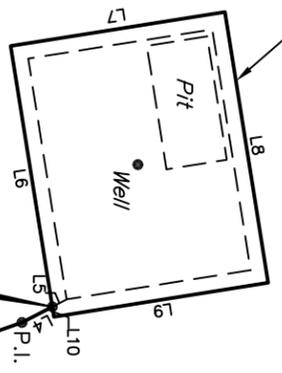
BEGINNING AT A POINT IN THE SE 1/4 NW 1/4 OF SECTION 6, T2S, R2E, U.S.B.&M. WHICH BEARS N89°42'15"E 2531.30' FROM THE WEST 1/4 CORNER OF SAID SECTION 6, THENCE N00°08'04"W 1278.51'; THENCE N16°26'01"W 279.60'; THENCE N19°22'58"W 426.19'; THENCE N27°19'27"W 55.89' TO A POINT IN THE NE 1/4 NW 1/4 OF SAID SECTION 6 WHICH BEARS S72°06'45"E 2405.11' FROM THE NORTHWEST CORNER OF SAID SECTION 6. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANITOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 1.405 ACRES MORE OR LESS.

1/16 Section Line

1/16 Section Line

NW 1/4

NE 1/4



**SHIRLEY HUBER TRUSTEE AC**

END OF PROPOSED ROAD RIGHT-OF-WAY STA. 20+40.19 (At Edge of Surface Use Area)

**SHIRLEY HUBER TRUSTEE AC**

BEGINNING OF PROPOSED ROAD RIGHT-OF-WAY STA. 0+00 (At Existing Road)  
Cattle Guard Required

Sec. 6

1/4 Section Line

Nail, 0.2' Below Road

SW 1/4

LINE	DIRECTION	LENGTH
L1	N00°08'04"W	1278.51'
L2	N16°26'01"W	279.60'
L3	N19°22'58"W	426.19'
L4	N27°19'27"W	55.89'
L5	N27°19'27"W	26.12'
L6	S80°57'16"W	433.41'
L7	N09°02'44"W	355.00'
L8	N80°57'16"E	450.00'
L9	S09°02'44"E	355.00'
L10	S80°57'16"W	16.59'



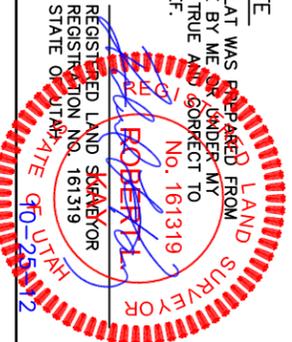
**BASIS OF BEARINGS**

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

**RIGHT-OF-WAY LENGTHS**

PROPERTY OWNER	FEET	ACRES	RODS
SHIRLEY HUBER TRUSTEE AC	2040.19	1.405	123.65

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



REVISED: 10-23-12  
**UINTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH - 200 EAST • (435) 789-1017  
VERNAL, UTAH - 84078

SCALE	1" = 300'	DATE	10-13-11
PARTY	C.R. S.R. J.J.	REFERENCES	G.L.O. PLAT
WEATHER	WARM	FILE	5 1 1 6 8

**PIPELINE RIGHT-OF-WAY DESCRIPTION  
ON LLOYD AND KALYNN BARTON LANDS**

**BILL BARRETT CORPORATION**

**PIPELINE RIGHT-OF-WAY  
ON FEE LANDS  
(For FD #3-6-2-2)**

LOCATED IN

SECTION 6, T2S, R2E, U.S.B.&M.,  
SECTION 33, T5S, R19E, S.L.B.&M.,  
UINTAH COUNTY, UTAH

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

**Sec. 31**

N89°48'50"W - 4119.79' (Meas.)  
N89°48'50"W - 4119.66' (Meas. to True)

C.C. SW Cor.  
Sec. 29,  
Alum. Cap  
C.C. NE Cor.  
Sec. 6,  
Alum. Cap

Alum. Cap,  
18 Mile Marker  
S89°58'25"W  
538.98' (Meas.)

**Sec. 32**  
GLENN J HUBER FAMILY  
LIVING TRUST ET AL  
BEGINNING OF PROPOSED  
PIPELINE RIGHT-OF-WAY  
ON LLOYD AND KALYNN  
BARTON LANDS  
STA. 16+06.32  
(At Property Line)

Alum. Cap  
17 Mile Marker

**Sec. 28**

NE Cor. Sec. 33  
Stone

S89°52'47"W - 5289.70' (Meas.)

**Sec. 33**  
LLOYD AND KALYNN  
BARTON  
BEGINNING OF PROPOSED  
PIPELINE RIGHT-OF-WAY ON  
GLENN J HUBER FAMILY  
LIVING TRUST ET AL LANDS  
STA. 41+73.33  
(At Property Line)

**Sec. 33**  
GLENN J HUBER  
FAMILY LIVING  
TRUST ET AL  
END OF PROPOSED  
PIPELINE RIGHT-OF-WAY ON  
LLOYD AND KALYNN  
BARTON LANDS  
STA. 41+73.33  
(At Property Line)

**Sec. 33**  
1/4 Section Line  
BEGINNING OF PIPELINE STA. 0+00 BEARS S69°27'35"W 1944.60' FROM  
THE NORTHEAST CLOSING CORNER OF SECTION 6, T2S, R2E, U.S.B.&M.  
P.O.P.L. STA. 16+06.32 BEARS S13°50'52"W 1026.96' FROM THE  
NORTHEAST CLOSING CORNER OF SECTION 6, T2S, R2E, U.S.B.&M.  
P.O.P.L. STA. 41+73.33 BEARS S34°10'16"E 2368.10' FROM THE  
NORTHWEST CORNER OF SECTION 33, T5S, R19E, S.L.B.&M.  
END OF PIPELINE STA. 62+58.53 BEARS S54°58'27"W 2568.38' FROM  
THE NORTHEAST CORNER OF SECTION 33, T5S, R19E, S.L.B.&M.

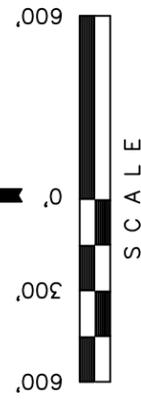
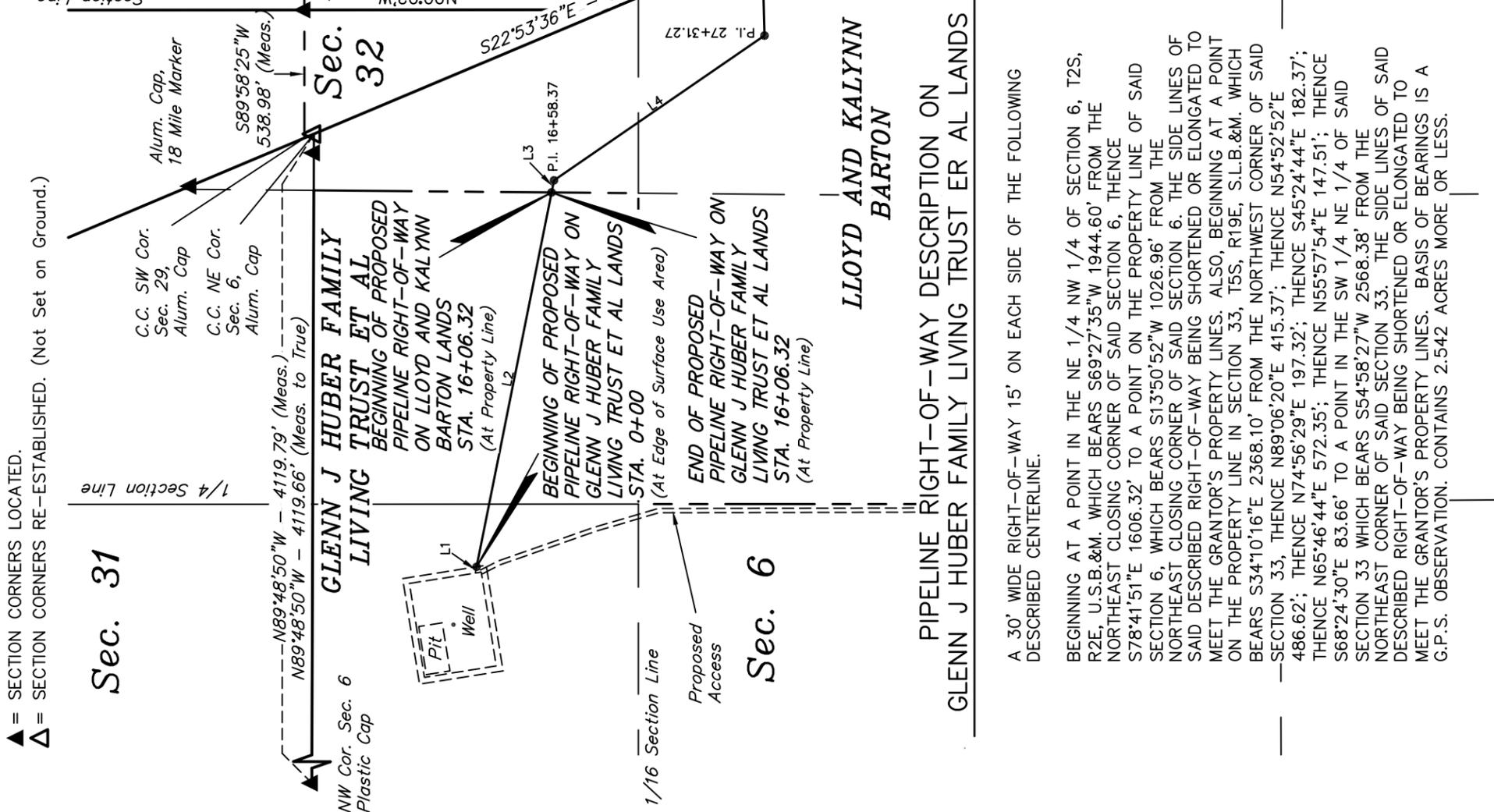
**Sec. 33**  
1/4 Section Line  
END OF PROPOSED  
PIPELINE RIGHT-OF-WAY ON  
LLOYD AND KALYNN  
BARTON LANDS  
STA. 41+73.33  
(At Property Line)

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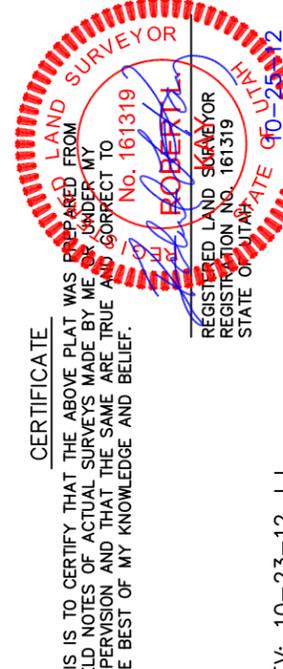
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END OF PIPELINE STA. 62+58.53 BEARS S54°58'27"W 2568.38' FROM  
THE NORTHEAST CORNER OF SECTION 33, T5S, R19E, S.L.B.&M.



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

RIGHT-OF-WAY LENGTHS			
PROPERTY OWNER	FEET	ACRES	RODS
GLENN J HUBER FAMILY LIVING TRUST ET AL	3691.52	2.542	223.73
LLOYD AND KALYNN BARTON	2567.01	1.768	155.58



REV: 10-23-12 J.J.

UNTAH ENGINEERING & LAND SURVEYING	
85 SOUTH - 200 EAST • (435) 789-1017	
VERNAL, UTAH - 84078	
SCALE	1" = 600'
DATE	01-12-12
PARTY	REFERENCES
C.R.	S.R. N.S.
WEATHER	G.L.O. PLAT
FILE	5 1 5 5 2

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

BEGINNING AT A POINT IN THE NE 1/4 NW 1/4 OF SECTION 6, T2S, R2E, U.S.B.&M. WHICH BEARS S69°27'35"W 1944.60' FROM THE NORTHEAST CLOSING CORNER OF SAID SECTION 6, THENCE S78°41'51"E 1606.32' TO A POINT ON THE PROPERTY LINE OF SAID SECTION 6, WHICH BEARS S13°50'52"W 1026.96' FROM THE NORTHEAST CLOSING CORNER OF SAID SECTION 6. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. ALSO, BEGINNING AT A POINT ON THE PROPERTY LINE IN SECTION 33, T5S, R19E, S.L.B.&M. WHICH BEARS S34°10'16"E 2368.10' FROM THE NORTHWEST CORNER OF SAID SECTION 33, THENCE N89°06'20"E 415.37'; THENCE N54°52'52"E 486.62'; THENCE N74°56'29"E 197.32'; THENCE S45°24'44"E 182.37'; THENCE N65°46'44"E 572.35'; THENCE N55°57'54"E 147.51'; THENCE S68°24'30"E 83.66' TO A POINT IN THE SW 1/4 NE 1/4 OF SAID SECTION 33 WHICH BEARS S54°58'27"W 2568.38' FROM THE NORTHEAST CORNER OF SAID SECTION 33. 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 2.542 ACRES MORE OR LESS.

CERTIFICATE

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

REGISTERED LAND SURVEYOR  
STATE OF UTAH  
No. 161319

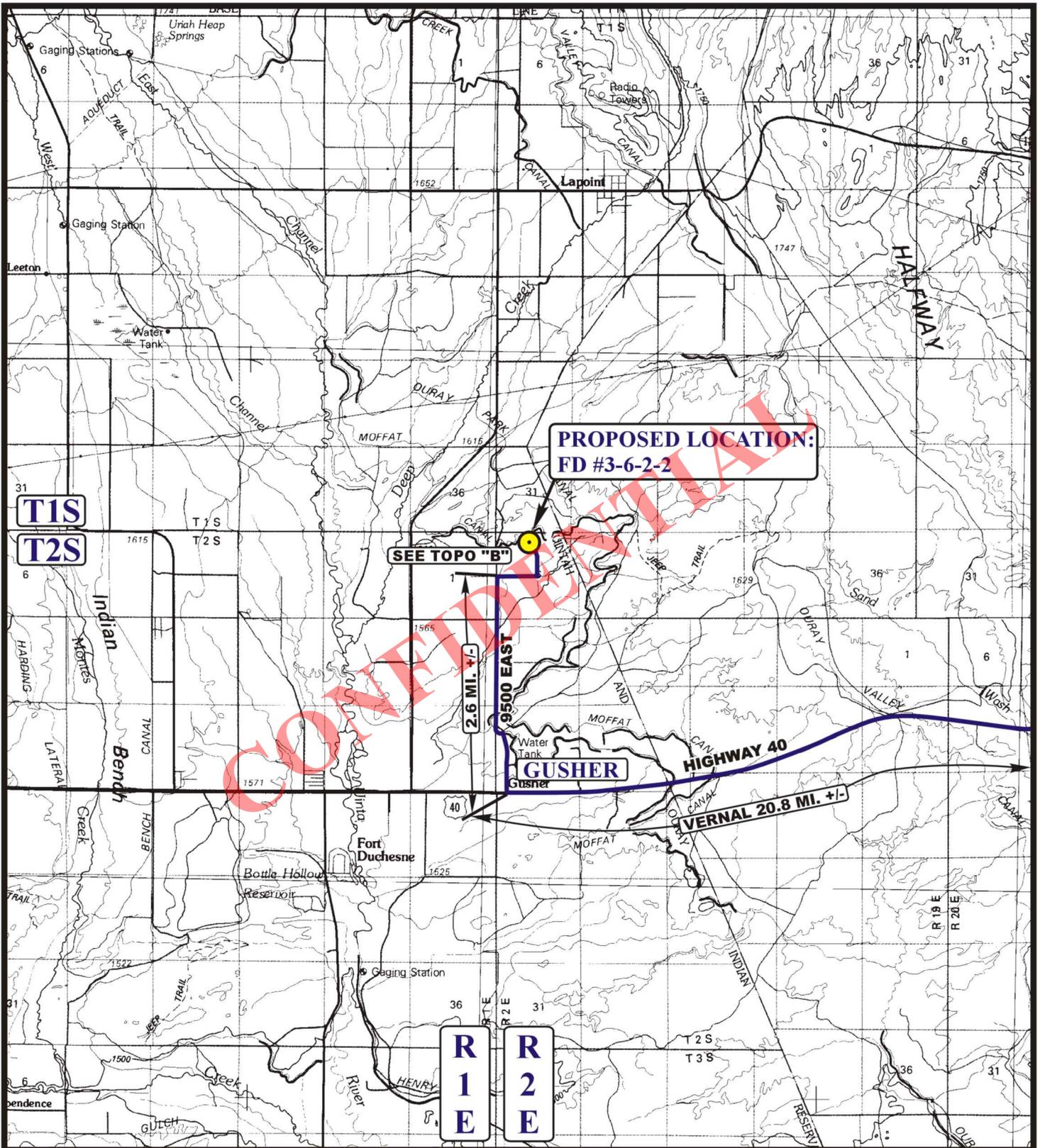
LINE	DIRECTION	LENGTH
L1	S78°41'51"E	26.49'
L2	S78°41'51"E	1606.32'
L3	S78°41'51"E	52.05'
L4	S34°35'18"E	1072.90'
L5	N88°27'42"E	379.88'
L6	N88°27'42"E	645.67'
L7	S82°16'18"E	416.51'
L8	N89°06'20"E	415.37'
L9	N54°52'52"E	486.62'
L10	N74°56'29"E	197.32'
L11	S45°24'44"E	182.37'
L12	N65°46'44"E	572.35'
L13	N55°57'54"E	147.51'
L14	S68°24'30"E	83.66'

**BILL BARRETT CORPORATION**  
**FD #3-6-2-2**  
**SECTION 6, T2S, R2E, U.S.B.&M.**

PROCEED IN A WESTERLY, THEN SOUTHWESTERLY, THEN WESTERLY DIRECTION FROM VERNAL, UTAH ALONG HIGHWAY 40 APPROXIMATELY 20.8 MILES TO THE JUNCTION OF THIS ROAD AND 9500 EAST TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 2.6 MILES TO THE JUNCTION OF THIS ROAD AND 2500 NORTH TO THE EAST; TURN RIGHT AND PROCEED IN A EASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE PROPOSED ACCESS ROAD TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 2,066' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 24.3 MILES.

CONFIDENTIAL



**PROPOSED LOCATION:  
FD #3-6-2-2**

SEE TOPO "B"

2.6 MI. +/-  
9500 EAST

**GUSHER**  
Gusher

**HIGHWAY 40**

VERNAL 20.8 MI. +/-

**LEGEND:**

**PROPOSED LOCATION**



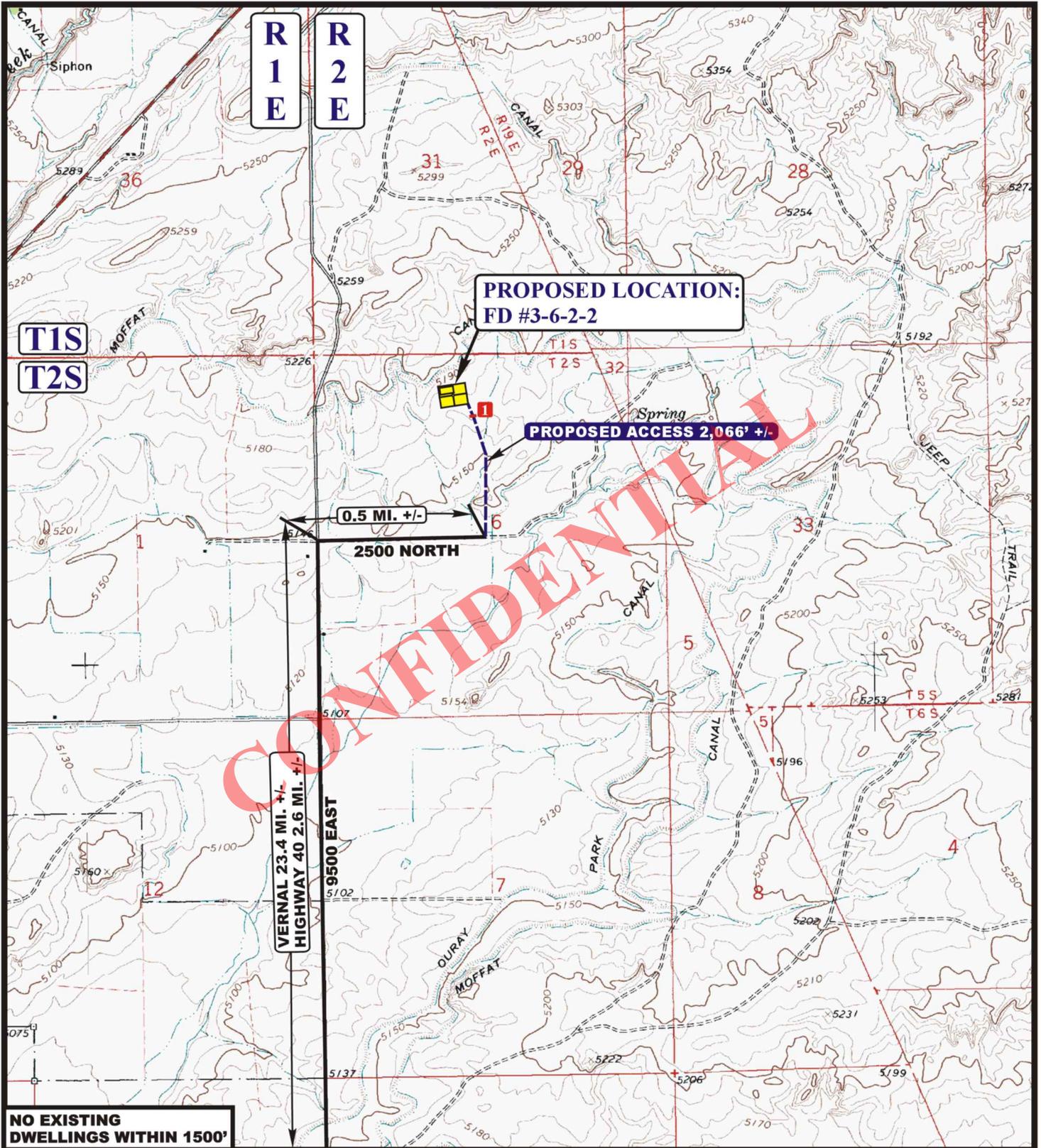
**BILL BARRETT CORPORATION**

**FD #3-6-2-2  
SECTION 6, T2S, R2E, U.S.B.&M.  
592' FNL 2054' FWL**

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

**ACCESS ROAD  
MAP** **10 07 11**  
MONTH DAY YEAR  
SCALE: 1:100,000 DRAWN BY: C.I. REVISED: 10-23-12





**NO EXISTING DWELLINGS WITHIN 1500'**

**LEGEND:**

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD
-  24" CMP REQUIRED

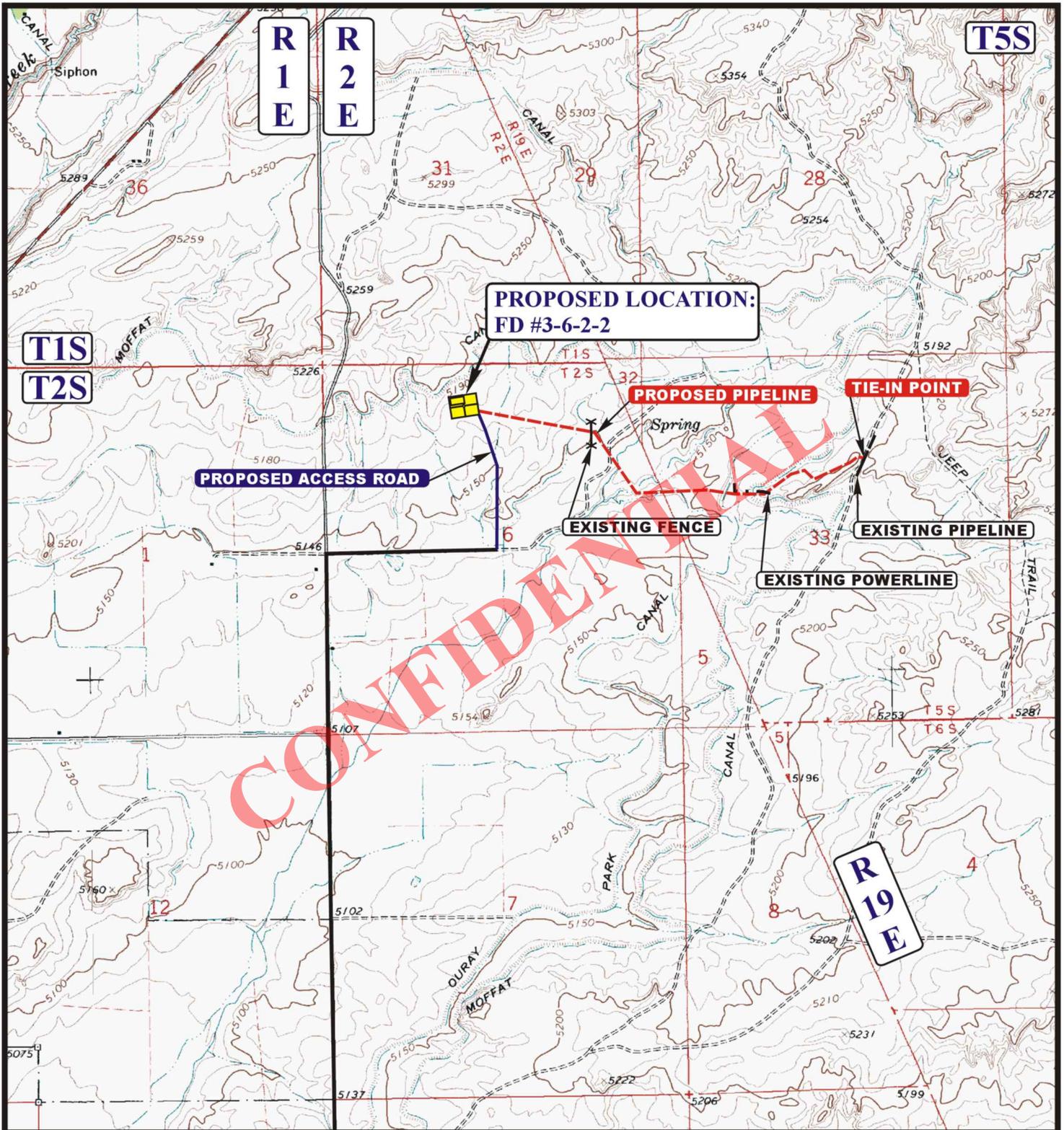
**BILL BARRETT CORPORATION**

**FD #3-6-2-2**  
**SECTION 6, T2S, R2E, U.S.B.&M.**  
**592' FNL 2054' FWL**

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



<b>ACCESS ROAD</b>	<b>10</b>	<b>07</b>	<b>11</b>	<b>B</b>
<b>MAP</b>	MONTH	DAY	YEAR	
SCALE: 1" = 2000'	DRAWN BY: C.I.		REVISED: 10-23-12	<b>TOPO</b>



**APPROXIMATE TOTAL PIPELINE DISTANCE = 6,285' +/-**

**LEGEND:**

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE
-  EXISTING FENCE

**BILL BARRETT CORPORATION**

**FD #3-6-2-2**  
**SECTION 6, T2S, R2E, U.S.B.&M.**  
**592' FNL 2054' FWL**

**U&L S** Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
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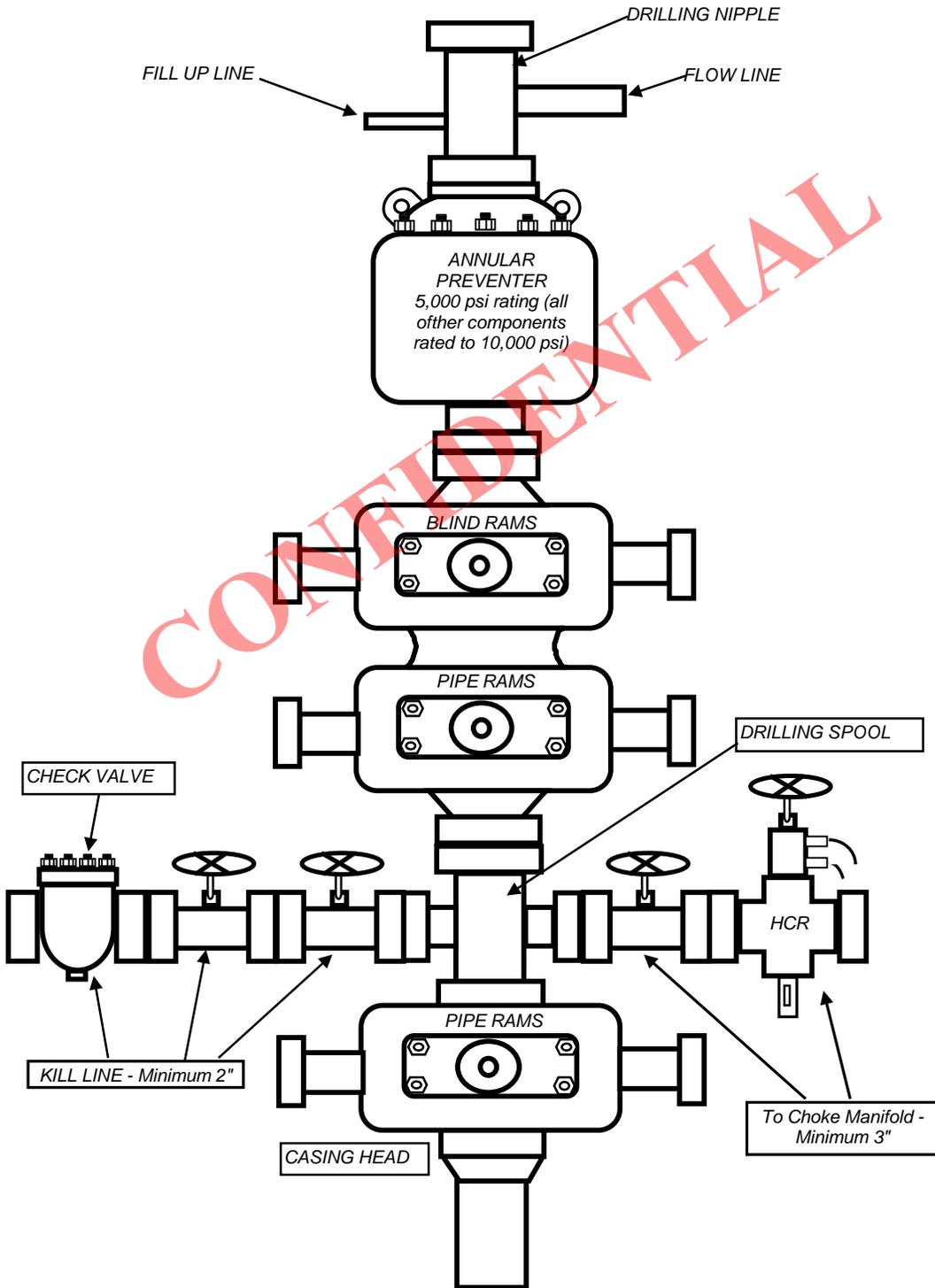


**TOPOGRAPHIC MAP** **01 06 12**  
 MONTH DAY YEAR  
 SCALE: 1" = 1000' DRAWN BY: C.I. REVISED: 10-23-12



# BILL BARRETT CORPORATION

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





November 9, 2012

Ute Energy Upstream Holdings, L.L.C.  
1875 Lawrence St., Suite 200  
Denver, CO 80202

RE: Commingling Application  
FD 3-6-2-2  
Uintah County, UT

Dear Sir or Madam,

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

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

BILL BARRETT CORPORATION

*Beady Kly*

Thomas J. Abell *for*  
Landman

Enclosures



November 9, 2012

Axia Energy  
1430 Larimer Street, Suite 400  
Denver, CO 80202

RE: Commingling Application  
jFD 3-6-2-2  
Uintah County, UT

Dear Sir or Madam,

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

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

BILL BARRETT CORPORATION

A handwritten signature in blue ink that reads 'Beady Riley'.

Thomas J. Abell *for*  
Landman

Enclosures



November 9, 2012

El Paso Corporation  
1001 Louisiana Street  
Houston, TX 77002

RE: Commingling Application  
FD 3-6-2-2  
Uintah County, UT

Dear Sir or Madam,

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

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

BILL BARRETT CORPORATION

A handwritten signature in blue ink that reads 'Beady Kelly'.

Thomas J. Abell *for*  
Landman

Enclosures



November 9, 2012

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

RE:Sundry Notices  
Fort Duchesne Unit  
FD 3-6-2-2  
NENW, Section 6 T2S R2E  
Uintah County,UT

Dear Mr. Doucet,

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

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

BILL BARRETT CORPORATION

A handwritten signature in blue ink that reads 'Beady Pley'.

Thomas J. Abell *for*  
Landman

Enclosures



AFFIDAVIT OF NOTICE

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

FD 3-6-2-2 Well            NENW        6 T2S-R2E

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

Lessees

Ute Energy Upstream Holdings LLC  
Axia Energy  
El Paso Corporation

Date: October 31, 2012

Affiant

BILL BARRETT CORPORATION  
*Beady Ruy*  
Thomas J. Abell *for*  
Landman



East Bluebell

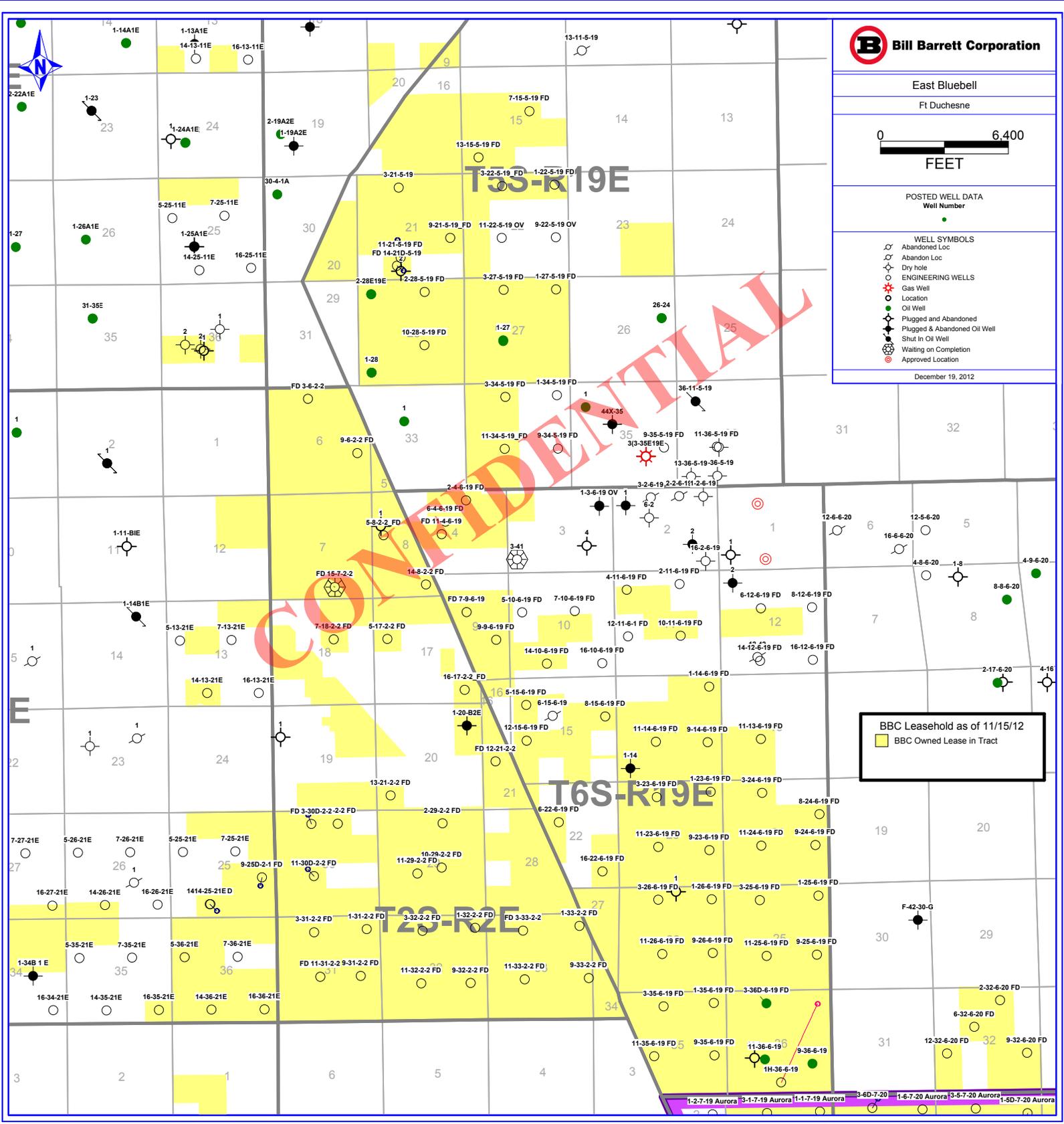
Ft Duchesne



POSTED WELL DATA  
Well Number

- WELL SYMBOLS
- Abandoned Loc
  - Abandon Loc
  - Dry hole
  - ENGINEERING WELLS
  - Gas Well
  - Location
  - Oil Well
  - Plugged and Abandoned
  - Plugged & Abandoned Oil Well
  - Shut in Oil Well
  - Waiting on Completion
  - Approved Location

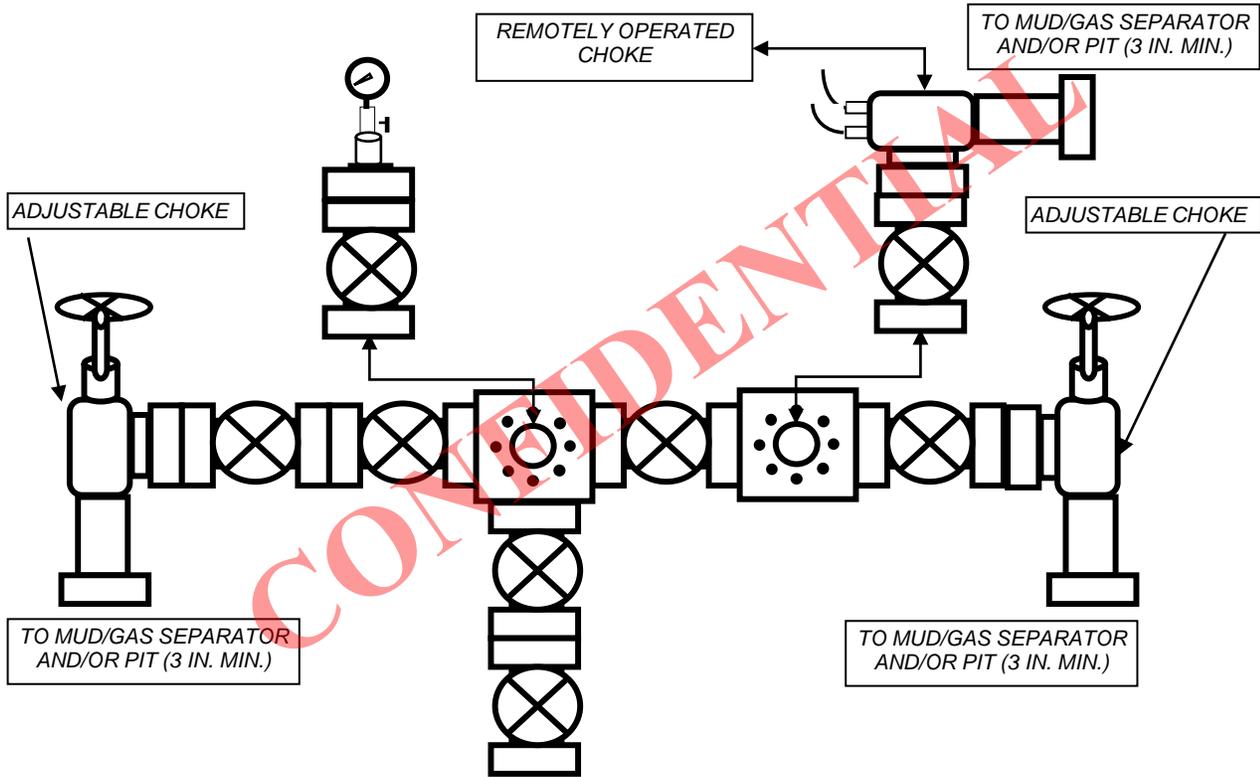
December 19, 2012



BBC Leasehold as of 11/15/12  
BBC Owned Lease in Tract

# BILL BARRETT CORPORATION

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



ALL EQUIPMENT IS 3" (MINIMUM).



**MEMORANDUM OF SURFACE USE AGREEMENT**

State of Utah )  
 )  
County of Uintah )

For Ten Dollars (\$10.00) and other adequate consideration, **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 of P.O. Box 154, Lapoint, UT 84039**, hereafter referred to as "Surface Owner" has granted, a Surface Use Agreement, to **Bill Barrett Corporation of 1099 18<sup>th</sup> Street, #2300, Denver, CO 80202**, hereafter referred to as "Bill Barrett", dated **October 19, 2011**, for the purpose of drilling, and producing oil, gas, and other minerals, laying pipelines, building roads, tanks, power stations, telephone lines and other structures, and producing, saving, take care of, treating, transporting, and owning oil, gas, and other minerals, all on or from **FD 3-6-2-2** on the following lands (the "Lands") in Uintah County Utah: **A tract of land lying in the NE/4NW/4 of Section 6, Township 2 South, Range 2 East, USM, Uintah County.**

The Surface Use Agreement is effective as long thereafter as oil, gas, or other minerals are produced from the Lands, or other lands pooled with the Lands, according to and by the terms and provisions of the Lease(s) covering said Lands. This Memorandum is placed of record for the purpose of giving notice of the Surface Use Agreement.

This instrument may be executed in multiple counterparts with each counterpart being considered an original for all purposes herein and binding upon the party executing same whether or not this instrument is executed by all parties hereto, and the signature and acknowledgment pages of the various counterparts hereto may be combined into one instrument for the purposes of recording this instrument in the records of the County Recorder's office.

Executed this 20 day of October, 2011.

SURFACE OWNER:

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

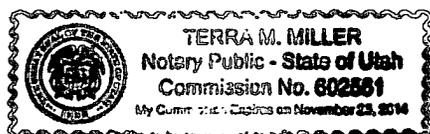
Shirley Huber  
**Shirley Huber, Trustee of the Glenn J. Huber Family Living Trust executed April 1, 1982**

**ACKNOWLEDGEMENT**

STATE OF UTAH }  
 } :SS  
COUNTY OF UINTAH }

BEFORE me, the undersigned, a Notary Public in and for said County and State, on this 20<sup>th</sup> day of October, 2011, personally appeared **Glenn J. Huber and Shirley Huber**, in the capacities as stated above, known to be the identical person(s) who executed the within and foregoing instrument, and acknowledged to me that they executed the same as a free and voluntary act and deed, for the uses and purposes therein set forth. Given under my hand and seal the day and year last above written.

Terra M. Miller  
Notary Public



# SURFACE USE AGREEMENT

(FD 3-6-2-2)

THIS AGREEMENT Dated October 19, 2011 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

, hereinafter referred to as "Surface Owner", and

**Bill Barrett Corporation**

, whose address is

1099 18<sup>th</sup> Street, #2300, Denver, CO 80202

hereinafter referred to as "Operator".

## WITNESSETH:

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

A Tract of land lying in the **NENW of Section 6, Township 2 South, Range 2 East** as further described on Exhibit "A" attached hereto and made a part hereof.

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

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

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

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

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

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

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

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



**BILL BARRETT CORPORATION**

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

(For FD #3-6D-2-2)

LOCATED IN  
SECTION 6, T2S, R2E, U.S.B.&M.,  
UINTAH COUNTY, UTAH

C.C. NE Cor  
Sec 6,  
Alum Cop

N89°48'50"W - 4119.66' (Meas)

**SURFACE USE AREA**  
ED. #3-6D-2-2  
Contains 3.667 Acres

**SURFACE USE AREA DESCRIPTION**

BEGINNING AT A POINT IN THE NE 1/4 NW 1/4 OF SECTION 6, T2S, R2E, U.S.B.&M. WHICH BEARS S72°06'45"E 2405.11' FROM THE NORTHWEST CORNER OF SAID SECTION 6, THENCE S80°57'16"W 433.41', THENCE N09°02'44"W 355.00', THENCE N80°57'16"E 450.00', THENCE S09°02'44"E 355.00', THENCE S80°57'16"W 16.59' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 3.667 ACRES MORE OR LESS

BEGINNING OF ROAD STA. 0+00 BEARS N89°42'15"E 2531.30' FROM THE WEST 1/4 CORNER OF SECTION 6, T2S, R2E, U.S.B.&M.  
END OF ROAD STA. 20+40.19 BEARS S72°06'45"E 2405.11' FROM THE NORTHWEST CORNER OF SECTION 6, T2S, R2E, U.S.B.&M.

**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 SE 1/4 NW 1/4 OF SECTION 6, T2S, R2E, U.S.B.&M. WHICH BEARS N89°42'15"E 2531.30' FROM THE WEST 1/4 CORNER OF SAID SECTION 6, THENCE N00°08'04"W 1278.51', THENCE N16°26'01"W 279.60', THENCE N19°22'58"W 426.19', THENCE N27°19'27"W 55.89' TO A POINT IN THE NE 1/4 NW 1/4 OF SAID SECTION 6 WHICH BEARS S72°06'45"E 2405.11' FROM THE NORTHWEST CORNER OF SAID SECTION 6. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANITOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 1.405 ACRES MORE OR LESS

**SHIRLEY HUBER  
TRUSTEE AC**

END OF PROPOSED ROAD  
RIGHT-OF-WAY  
STA. 20+40.19  
(At Edge of Surface Use Area)

**SHIRLEY HUBER  
TRUSTEE AC**

BEGINNING OF PROPOSED  
ROAD RIGHT-OF-WAY  
STA. 0+00  
(At Existing Road)  
Cattle Guard Required

Sec. 6

SW 1/4

Nail, 0.2'  
Below Road



Install 24" CMP

1/16 Section Line

NW 1/4

1/4

1/4

NE 1/4

P.I. 15+58.11

P.I. 12+78.51

P.I. 19+84.30

1/4 Section Line

Section Line

N00°08'29"W - 2750.18' (Meas)



SCALE

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

RIGHT-OF-WAY LENGTHS			
PROPERTY OWNER	FEET	ACRES	RODS
SHIRLEY HUBER TRUSTEE AC	2040.19	1.405	123.65

LINE	DIRECTION	LENGTH
L1	N00°08'04"W	1278.51'
L2	N16°26'01"W	279.60'
L3	N19°22'58"W	426.19'
L4	N27°19'27"W	55.89'
L5	N27°19'27"W	26.12'
L6	S80°57'16"W	433.41'
L7	N09°02'44"W	355.00'
L8	N80°57'16"E	450.00'
L9	S09°02'44"E	355.00'
L10	S80°57'16"W	16.59'

**CERTIFICATE**

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



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

SCALE	DATE
1" = 300'	10-13-11
PARTY	REFERENCES
C.R. S.R. J.J.	G.L.O. PLAT
WEATHER	FILE
WARM	51168



ACKNOWLEDGEMENT

State of Utah )  
 ) :SS  
County of Uintah )

BEFORE me, the undersigned, a Notary Public in and for said County and State, on this 24 day of February, 2011, personally appeared Glenn J. Huber and Shirley Huber in the capacities as stated above, to me known to be the identical person(s) who executed the within and foregoing instrument, and acknowledged to me that they executed the same as a free and voluntary act and deed, for the uses and purposes therein set forth.

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

My Commission Expires: May 14, 2012

Mickie L Allred  
Notary Public



ACKNOWLEDGEMENT

STATE OF Colorado )  
 ) :SS  
COUNTY OF Denver )

On the 7<sup>th</sup> day of March, 2011, before me the undersigned authority, appeared Huntington T. Walker, to me personally known, who, being sworn, did say that he is the Senior Vice President Land for Aurora Gathering, LLC, and that the foregoing instrument was signed in behalf of said Corporation and Appeared acknowledged to me that said instrument to be the free act and deed of the Corporation.



Leslie Croft  
Notary Public for the State of Colorado  
Residing at 1099 18<sup>th</sup> St. Denver Co  
80202

CONFIDENTIAL

Entry 2012002026  
Book 1268 Page 322-324 \$15.00  
12-MAR-12 03:25  
RANDY SIMMONS  
RECORDER, UTAH COUNTY, UTAH  
ENCORE LAND SERVICES INC  
PO BOX 1729 VERNAL, UT 84078  
Rec By: TONYA ATWOOD, DEPUTY  
Entry 2012002026  
Book 1268 Page 322

**PIPELINE RIGHT-OF-WAY AGREEMENT**

STATE OF UTAH )  
 ) SS  
COUNTY OF UTAH )

THAT, effective on this 24 day of February, 2012, for and in consideration of Twelve & 00/100ths dollars (\$12.00) and other good and valuable consideration, in hand paid to:

**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, Utah 84039**

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

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

**Township 2 South, Range 2 East, USM**  
**Section 6: A portion of the NE/4NW/4 and the NW/4NE/4**  
**Township 5 South, Range 19 East, SLM**  
**Section 33: A portion of the SE/4NW/4 and the SW4/NE4**  
**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 Grantor's arising out of the construction or repair of any of the pipelines and facilities herein authorized to be maintained and operated by Grantee. This easement shall not exceed Sixty (60) feet in width for construction and Thirty (30) feet for the permanent easement. Pipelines and disturbed ground to be reseeded at recommended seeding rates per 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 shall be binding upon the successors and assigns of the parties hereto and shall be deemed to be a covenant running with the lands described above.

This Pipeline Right-of-Way Agreement is signed by 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.

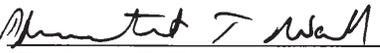
**GRANTORS:**

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

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

**GRANTEE:**

**Aurora Gathering, LLC**

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

**ACKNOWLEDGEMENT**

STATE OF \_\_\_\_\_ }  
  } :SS  
COUNTY OF \_\_\_\_\_ }

BEFORE me, the undersigned, a Notary Public in and for said County and State, on this 24 day of February, 2012, personally appeared **Glenn J. and Shirley Huber, in the capacities as stated above**, 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.

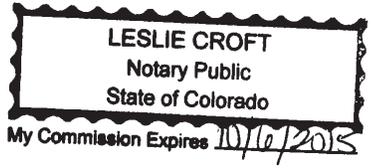
Mickie L. Allred  
Notary Public



**ACKNOWLEDGEMENT**

STATE OF Colorado )  
  ) :SS  
COUNTY OF Denver )

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



Leslie Croft  
Notary Public for the State of Colorado

Residing at 1099 18<sup>th</sup> St. Denver Co  
80202

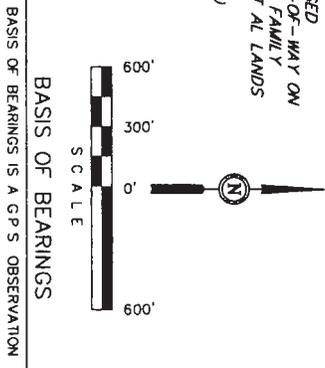
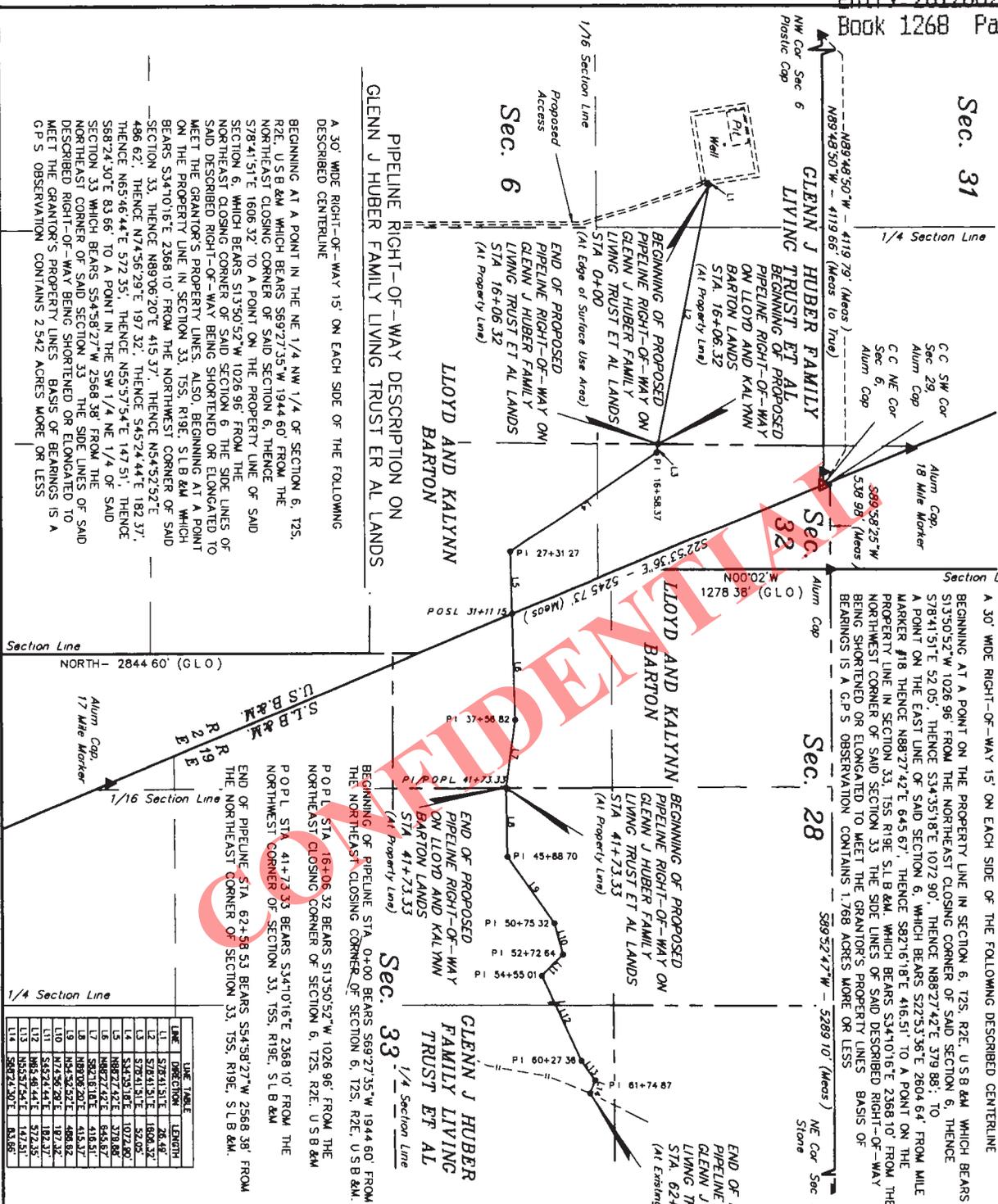
▲ = SECTION CORNERS LOCATED.  
△ = SECTION CORNERS RE-ESTABLISHED (Not Set on Ground)

PIPELINE RIGHT-OF-WAY DESCRIPTION  
ON LLOYD AND KALYNN BARTON LANDS

BILL BARRETT CORPORATION  
PIPELINE RIGHT-OF-WAY  
ON FEE LANDS

(For FD #3-6D-2-2)

LOCATED IN  
SECTION 6, 12S, R2E, U.S.B.&M.,  
SECTION 33, 15S, R19E, S.L.B.&M.,  
UNITAH COUNTY, UTAH

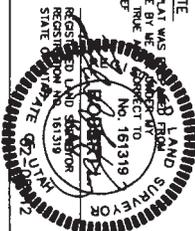


SCALE  
BASIS OF BEARINGS IS A C.P.S. OBSERVATION

**RIGHT-OF-WAY LENGTHS**

PROPERTY OWNER	FEET	ACRES	RODS
GLENN J HUBER FAMILY LIVING TRUST ET AL	3691.52	2.542	223.73
LLOYD AND KALYNN BARTON	2567.01	1.768	155.58

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



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

SCALE: 1" = 600'  
DATE: 01-12-12  
PARTY: CR SR NS  
WEATHER: COLD  
REFERENCES: GLO PLAT  
FILE: S 1 5 5 2

PIPELINE RIGHT-OF-WAY DESCRIPTION ON  
GLENN J HUBER FAMILY LIVING TRUST ET AL LANDS

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

BEGINNING AT A POINT IN THE NE 1/4 NW 1/4 OF SECTION 6, 12S, R2E, U.S.B.&M. WHICH BEARS S69°27'35"W, 1944.60' FROM THE NORTHEAST CLOSING CORNER OF SAID SECTION 6, THENCE S78°41'51"E, 1608.32' TO A POINT ON THE PROPERTY LINE OF SAID SECTION 6, WHICH BEARS S1°30'52"W, 1028.96' FROM THE NORTHEAST CLOSING CORNER OF SAID SECTION 6, THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANITOR'S PROPERTY LINES, ALSO BEGINNING AT A POINT ON THE PROPERTY LINE IN SECTION 33, 15S, R19E, S.L.B.&M. WHICH BEARS S34°10'16"E, 2368.10' FROM THE NORTHWEST CORNER OF SAID SECTION 33, THENCE N89°06'20"E, 415.37', THENCE N54°52'52"E, 486.62', THENCE N74°56'29"E, 197.32', THENCE S45°24'44"E, 182.37', THENCE N65°46'44"E, 522.35', THENCE N55°57'54"E, 147.51', THENCE S86°24'30"E, 83.66' TO A POINT IN THE SW 1/4 NE 1/4 OF SAID SECTION 33 WHICH BEARS S34°58'27"W, 2568.38' FROM THE NORTHEAST CORNER OF SAID SECTION 33, THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANITOR'S PROPERTY LINES, BASIS OF BEARINGS IS A G.P.S. OBSERVATION CONTAINS 2.542 ACRES MORE OR LESS

PIPELINE RIGHT-OF-WAY DESCRIPTION  
ON LLOYD AND KALYNN BARTON LANDS

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

BEGINNING AT A POINT ON THE PROPERTY LINE IN SECTION 6, 12S, R2E, U.S.B.&M. WHICH BEARS S1°30'52"W, 1028.96' FROM THE NORTHEAST CLOSING CORNER OF SAID SECTION 6, THENCE S78°41'51"E, 52.05', THENCE S34°35'18"E, 1072.90', THENCE N88°27'42"E, 379.88', TO A POINT ON THE EAST LINE OF SAID SECTION 6, WHICH BEARS S22°53'39"E, 2604.64' FROM THE NORTHWEST CORNER OF SAID SECTION 6, THENCE N88°27'42"E, 645.67', THENCE S82°16'18"E, 416.51' TO A POINT ON THE PROPERTY LINE IN SECTION 33, 15S, R19E, S.L.B.&M. WHICH BEARS S34°10'16"E, 2368.10' FROM THE NORTHWEST CORNER OF SAID SECTION 33, THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANITOR'S PROPERTY LINES, BASIS OF BEARINGS IS A G.P.S. OBSERVATION CONTAINS 1.768 ACRES MORE OR LESS

PIPELINE RIGHT-OF-WAY DESCRIPTION  
ON GLENN J HUBER FAMILY LIVING TRUST ET AL LANDS

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

BEGINNING AT A POINT IN THE NE 1/4 NW 1/4 OF SECTION 6, 12S, R2E, U.S.B.&M. WHICH BEARS S69°27'35"W, 1944.60' FROM THE NORTHEAST CLOSING CORNER OF SAID SECTION 6, THENCE S78°41'51"E, 1608.32' TO A POINT ON THE PROPERTY LINE OF SAID SECTION 6, WHICH BEARS S1°30'52"W, 1028.96' FROM THE NORTHEAST CLOSING CORNER OF SAID SECTION 6, THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANITOR'S PROPERTY LINES, ALSO BEGINNING AT A POINT ON THE PROPERTY LINE IN SECTION 33, 15S, R19E, S.L.B.&M. WHICH BEARS S34°10'16"E, 2368.10' FROM THE NORTHWEST CORNER OF SAID SECTION 33, THENCE N89°06'20"E, 415.37', THENCE N54°52'52"E, 486.62', THENCE N74°56'29"E, 197.32', THENCE S45°24'44"E, 182.37', THENCE N65°46'44"E, 522.35', THENCE N55°57'54"E, 147.51', THENCE S86°24'30"E, 83.66' TO A POINT IN THE SW 1/4 NE 1/4 OF SAID SECTION 33 WHICH BEARS S34°58'27"W, 2568.38' FROM THE NORTHEAST CORNER OF SAID SECTION 33, THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANITOR'S PROPERTY LINES, BASIS OF BEARINGS IS A G.P.S. OBSERVATION CONTAINS 2.542 ACRES MORE OR LESS

**LINE TABLE**

LINE	DIRECTION	LENGTH
1	S78°41'51"E	26.46'
2	S78°41'51"E	1808.32'
3	S78°41'51"E	52.05'
4	S34°35'18"E	1072.90'
5	S45°24'44"E	182.37'
6	N65°46'44"E	522.35'
7	N55°57'54"E	147.51'
8	S86°24'30"E	83.66'
9	N89°06'20"E	415.37'
10	N54°52'52"E	486.62'
11	N74°56'29"E	197.32'
12	S45°24'44"E	182.37'
13	N65°46'44"E	522.35'
14	N55°57'54"E	147.51'
15	S86°24'30"E	83.66'

**PIPELINE RIGHT-OF-WAY AGREEMENT**

STATE OF UTAH }  
 } SS  
COUNTY OF UINTAH }

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

**Lloyd and Kalynn Barton, as Joint Tenants, whose address is 2815 East 1500 South, Vernal, UT 84078.**

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

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

06-028-0001  
**Township 5 South, Range 19 East, SLM**  
**Section 33: A tract of land lying in the SW/4NW/4**  
14-039-0004  
**Township 2 South, Range 2 East, USM**  
**Section 6: A tract of land lying in the E/2NE/4**

Entry 2012005595  
Book 1283 Page 389-392 \$17.00  
29-JUN-12 01:30  
RANDY SIMMONS  
RECORDER, UINTAH COUNTY, UTAH  
ENCORE LAND SERVICES INC  
PO BOX 1729 VERNAL, UT 84078  
Rec By: DEBRA ROOKS , DEPUTY

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 Grantor's arising out of the construction or repair of any of the pipelines and facilities herein authorized to be maintained and operated by Grantee. This easement shall not exceed 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.

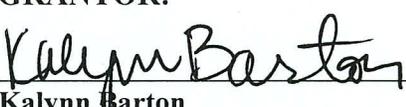
Grantors shall be held harmless from any claim or demand made on the grounds of damage to property or injury to or death of persons, arising out of Grantee's exercise of the rights herein granted.

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

This Pipeline Right-of-Way Agreement is signed by 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.

GRANTOR:   
\_\_\_\_\_  
Lloyd Barton

GRANTOR:   
\_\_\_\_\_  
Kalynn Barton

GRANTEE:  
**Aurora Gathering, LLC**

  
\_\_\_\_\_  
**Huntington T. Walker, Senior Vice-President Land**  
2071 0 PRL

TJA



**BILL BARRETT CORPORATION**

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

(For FD #3-6D-2-2)

LOCATED IN  
SECTION 6, T2S, R2E, U.S.B.&M.,  
UINTAH COUNTY, UTAH

C.C. NE Cor.  
Sec. 6,  
Alum. Cap

N89°48'50"W - 4119.66' (Meas.)

**SURFACE USE AREA  
FD #3-6D-2-2**  
Contains 3.667 Acres

**SURFACE USE AREA DESCRIPTION**

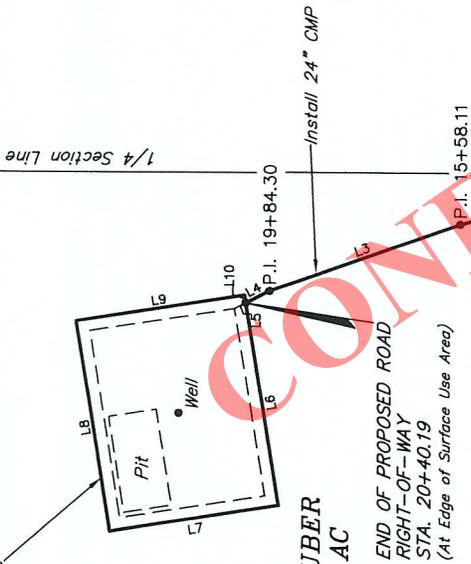
BEGINNING AT A POINT IN THE NE 1/4 NW 1/4 OF SECTION 6, T2S, R2E, U.S.B.&M. WHICH BEARS S72°06'45"E 2405.11' FROM THE NORTHWEST CORNER OF SAID SECTION 6, THENCE S80°57'16"W 433.41'; THENCE N09°02'44"W 355.00'; THENCE N80°57'16"E 450.00'; THENCE S09°02'44"E 355.00'; THENCE S80°57'16"W 16.59' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 3.667 ACRES MORE OR LESS.

BEGINNING OF ROAD STA. 0+00 BEARS N89°42'15"E 2531.30' FROM THE WEST 1/4 CORNER OF SECTION 6, T2S, R2E, U.S.B.&M.  
END OF ROAD STA. 20+40.19 BEARS S72°06'45"E 2405.11' FROM THE NORTHWEST CORNER OF SECTION 6, T2S, R2E, U.S.B.&M.

**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 SE 1/4 NW 1/4 OF SECTION 6, T2S, R2E, U.S.B.&M. WHICH BEARS N89°42'15"E 2531.30' FROM THE WEST 1/4 CORNER OF SAID SECTION 6, THENCE N00°08'04"W 1278.51'; THENCE N16°26'01"W 279.60'; THENCE N19°22'58"W 426.19'; THENCE N27°19'27"W 55.89' TO A POINT IN THE NE 1/4 NW 1/4 OF SAID SECTION 6 WHICH BEARS S72°06'45"E 2405.11' FROM THE NORTHWEST CORNER OF SAID SECTION 6. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 1.405 ACRES MORE OR LESS.



**SHIRLEY HUBER  
TRUSTEE AC**

END OF PROPOSED ROAD  
RIGHT-OF-WAY  
STA. 20+40.19  
(At Edge of Surface Use Area)

**SHIRLEY HUBER  
TRUSTEE AC**

BEGINNING OF PROPOSED  
ROAD RIGHT-OF-WAY  
STA. 0+00  
(At Existing Road)

Cattle Guard Required

**Sec. 6**

Nail, 0.2'  
Below Road

**SW 1/4**



SCALE

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

**RIGHT-OF-WAY LENGTHS**

PROPERTY OWNER	FEET	ACRES	RODS
SHIRLEY HUBER TRUSTEE AC	2040.19	1.405	123.65

LINE	DIRECTION	LENGTH
L1	N00°08'04"W	1278.51'
L2	N16°26'01"W	279.60'
L3	N19°22'58"W	426.19'
L4	N27°19'27"W	55.89'
L5	N27°19'27"W	26.12'
L6	S80°57'16"W	433.41'
L7	N09°02'44"W	355.00'
L8	N80°57'16"E	450.00'
L9	S09°02'44"E	355.00'
L10	S80°57'16"W	16.59'

**CERTIFICATE**

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



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

SCALE	1" = 300'
DATE	10-13-11
PARTY	REFERENCES
C.R. S.R. J.J.	G.L.O. PLAT
WEATHER	FILE
WARM	5 1 1 6 8

**BILL BARRETT CORPORATION**

**PIPELINE RIGHT-OF-WAY  
ON FEE LANDS  
(For FD #3-6D-2-2)**

LOCATED IN  
SECTION 6, T2S, R2E, U.S.B.&M.,  
SECTION 33, T5S, R19E, S.L.B.&M.,  
UINTAH COUNTY, UTAH

**PIPELINE RIGHT-OF-WAY DESCRIPTION  
ON LLOYD AND KALYNN BARTON LANDS**

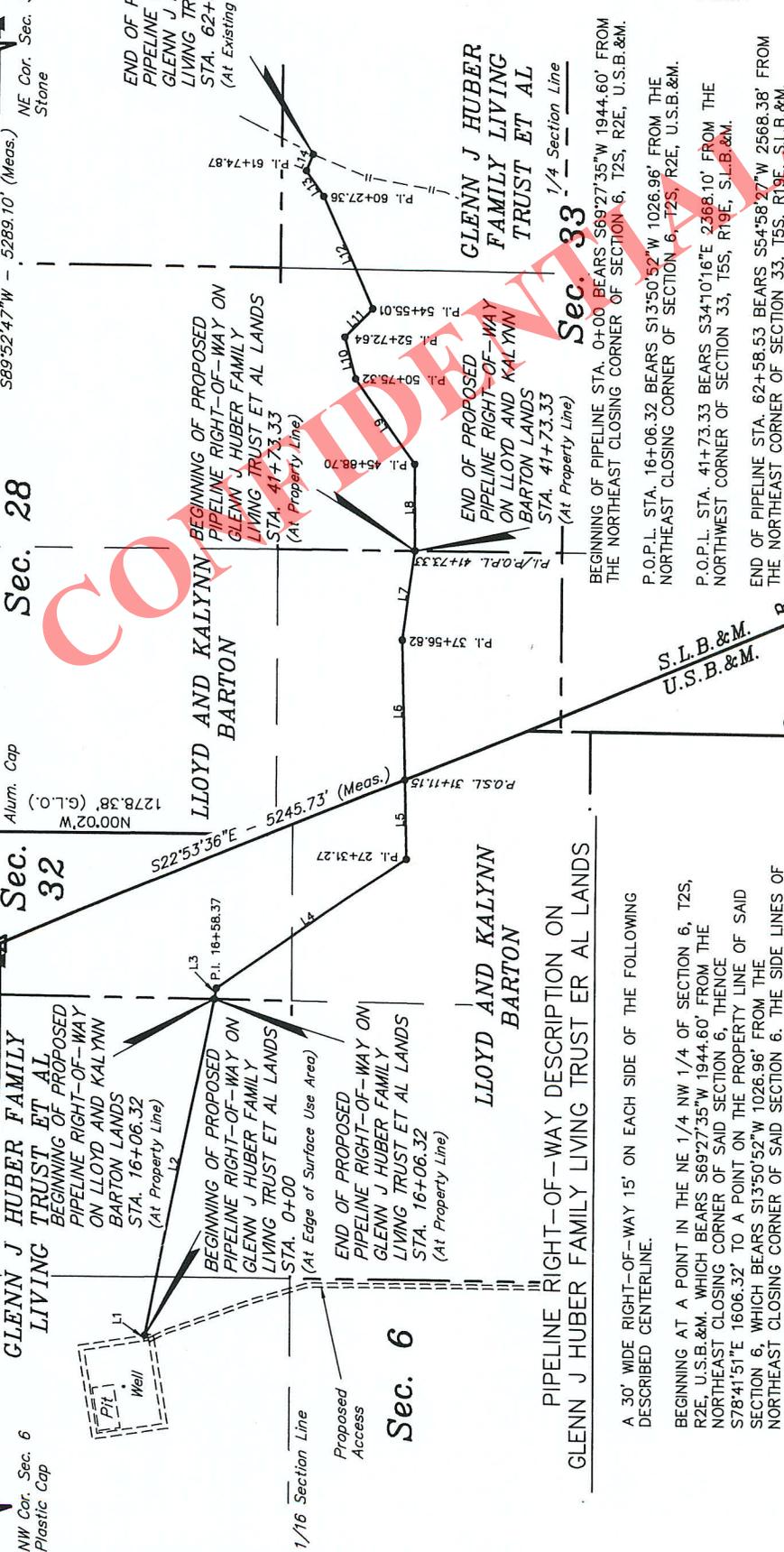
A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT ON THE PROPERTY LINE IN SECTION 6, T2S, R2E, U.S.B.&M. WHICH BEARS S13°50'52"W 1026.96' FROM THE NORTHEAST CLOSING CORNER OF SAID SECTION 6, THENCE S78°41'51"E 52.05'; THENCE S34°35'18"E 1072.90'; THENCE N88°27'42"E 379.88'; TO A POINT ON THE EAST LINE OF SAID SECTION 6, WHICH BEARS S22°53'36"E 2604.64' FROM MILE MARKER #18 THENCE N88°27'42"E 645.67'; THENCE S82°16'18"E 416.51' TO A POINT ON THE PROPERTY LINE IN SECTION 33, T5S, R19E S.L.B.&M. WHICH BEARS S34°10'16"E 2368.10' FROM THE NORTHWEST CORNER OF SAID SECTION 33. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 1.768 ACRES MORE OR LESS.

**PIPELINE RIGHT-OF-WAY DESCRIPTION  
ON LLOYD AND KALYNN BARTON LANDS**

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

BEGINNING AT A POINT IN THE NE 1/4 NW 1/4 OF SECTION 6, T2S, R2E, U.S.B.&M. WHICH BEARS S69°27'35"W 1944.60' FROM THE NORTHEAST CLOSING CORNER OF SAID SECTION 6, THENCE S78°41'51"E 1606.32' TO A POINT ON THE PROPERTY LINE OF SAID SECTION 6, WHICH BEARS S13°50'52"W 1026.96' FROM THE NORTHEAST CLOSING CORNER OF SAID SECTION 6. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. ALSO, BEGINNING AT A POINT ON THE PROPERTY LINE IN SECTION 33, T5S, R19E, S.L.B.&M. WHICH BEARS S34°10'16"E 2368.10' FROM THE NORTHWEST CORNER OF SAID SECTION 33, THENCE N89°06'20"E 415.37'; THENCE N54°52'52"E 486.62'; THENCE N74°56'29"E 197.32'; THENCE S45°24'44"E 182.37'; THENCE N65°46'44"E 572.35'; THENCE N55°57'54"E 147.51'; THENCE S68°24'30"E 83.66' TO A POINT IN THE SW 1/4 NE 1/4 OF SAID SECTION 33 WHICH BEARS S54°58'27"W 2568.38' FROM THE NORTHEAST CORNER OF SAID SECTION 33. 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 2.542 ACRES MORE OR LESS.



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

**Sec. 31**

**Sec. 32**

**Sec. 28**

**PIPELINE RIGHT-OF-WAY DESCRIPTION ON  
GLENN J HUBER FAMILY LIVING TRUST ET AL LANDS**

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

BEGINNING AT A POINT IN THE NE 1/4 NW 1/4 OF SECTION 6, T2S, R2E, U.S.B.&M. WHICH BEARS S69°27'35"W 1944.60' FROM THE NORTHEAST CLOSING CORNER OF SAID SECTION 6, THENCE S78°41'51"E 1606.32' TO A POINT ON THE PROPERTY LINE OF SAID SECTION 6, WHICH BEARS S13°50'52"W 1026.96' FROM THE NORTHEAST CLOSING CORNER OF SAID SECTION 6. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. ALSO, BEGINNING AT A POINT ON THE PROPERTY LINE IN SECTION 33, T5S, R19E, S.L.B.&M. WHICH BEARS S34°10'16"E 2368.10' FROM THE NORTHWEST CORNER OF SAID SECTION 33, THENCE N89°06'20"E 415.37'; THENCE N54°52'52"E 486.62'; THENCE N74°56'29"E 197.32'; THENCE S45°24'44"E 182.37'; THENCE N65°46'44"E 572.35'; THENCE N55°57'54"E 147.51'; THENCE S68°24'30"E 83.66' TO A POINT IN THE SW 1/4 NE 1/4 OF SAID SECTION 33 WHICH BEARS S54°58'27"W 2568.38' FROM THE NORTHEAST CORNER OF SAID SECTION 33. 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 2.542 ACRES MORE OR LESS.



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

RIGHT-OF-WAY LENGTHS			
PROPERTY OWNER	FEET	ACRES	RODS
GLENN J HUBER FAMILY LIVING TRUST ET AL	3691.52	2.542	223.73
LLOYD AND KALYNN BARTON	2567.01	1.768	155.58

**CERTIFICATE**

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

REGISTERED LAND SURVEYOR  
STATE OF UTAH - PLATE 02-012  
No. 161319  
LLOYD J. BARRETT

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b>	
85 SOUTH - 200 EAST • (435) 789-1017	
VERNAL, UTAH - 84078	
SCALE	DATE
1" = 600'	01-12-12
PARTY	REFERENCES
C.R. S.R. N.S.	G.L.O. PLAT
WEATHER	FILE
COLD	5 1 5 2

LINE	DIRECTION	LENGTH
L1	S78°41'51"E	26.49'
L2	S78°41'51"E	1606.32'
L3	S78°41'51"E	52.05'
L4	S34°35'18"E	1072.90'
L5	N88°27'42"E	379.88'
L6	N88°27'42"E	645.67'
L7	S82°16'18"E	416.51'
L8	N89°06'20"E	415.37'
L9	N54°52'52"E	486.62'
L10	N74°56'29"E	197.32'
L11	S45°24'44"E	182.37'
L12	N65°46'44"E	572.35'
L13	N55°57'54"E	147.51'
L14	S68°24'30"E	83.66'



February 28, 2013

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

Re: **Exception Location – FD 3-6-2-2 – East Bluebell Area**  
Surface Location: 592' FNL, 2054' FWL, NENW, Section 6-T2S-R2E  
Uintah County, Utah

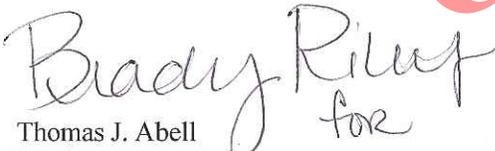
Dear Ms. Mason,

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

- The location is within our East Bluebell Area.
- The exception location is due to topography requirements and to minimize surface disturbance.
- BBC certifies that it is the only working interest owner within 460 feet of the proposed well location.
- BBC has acquired this surface location from Ms. Shirley Huber and the subsequent mineral rights from Alpine Springs Inc. et al.

Based on the information provided, BBC requests the Division grant this exception to the locating and siting requirements of R649-3-2. Should you have any questions or need further information, please contact me at 303-312-8757.

Sincerely,

  
Thomas J. Abell  
Landman

1099 18<sup>TH</sup> STREET  
SUITE 2300  
DENVER, CO 80202  
P 303.293.9100

Well Name	BILL BARRETT CORP FD 3-6-2-2 43047533220000			
String	COND	SURF	I1	L1
Casing Size(")	16.000	9.625	7.000	4.500
Setting Depth (TVD)	80	2500	8763	12998
Previous Shoe Setting Depth (TVD)	0	80	2500	8763
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)	6489			9.6

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 air drill
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

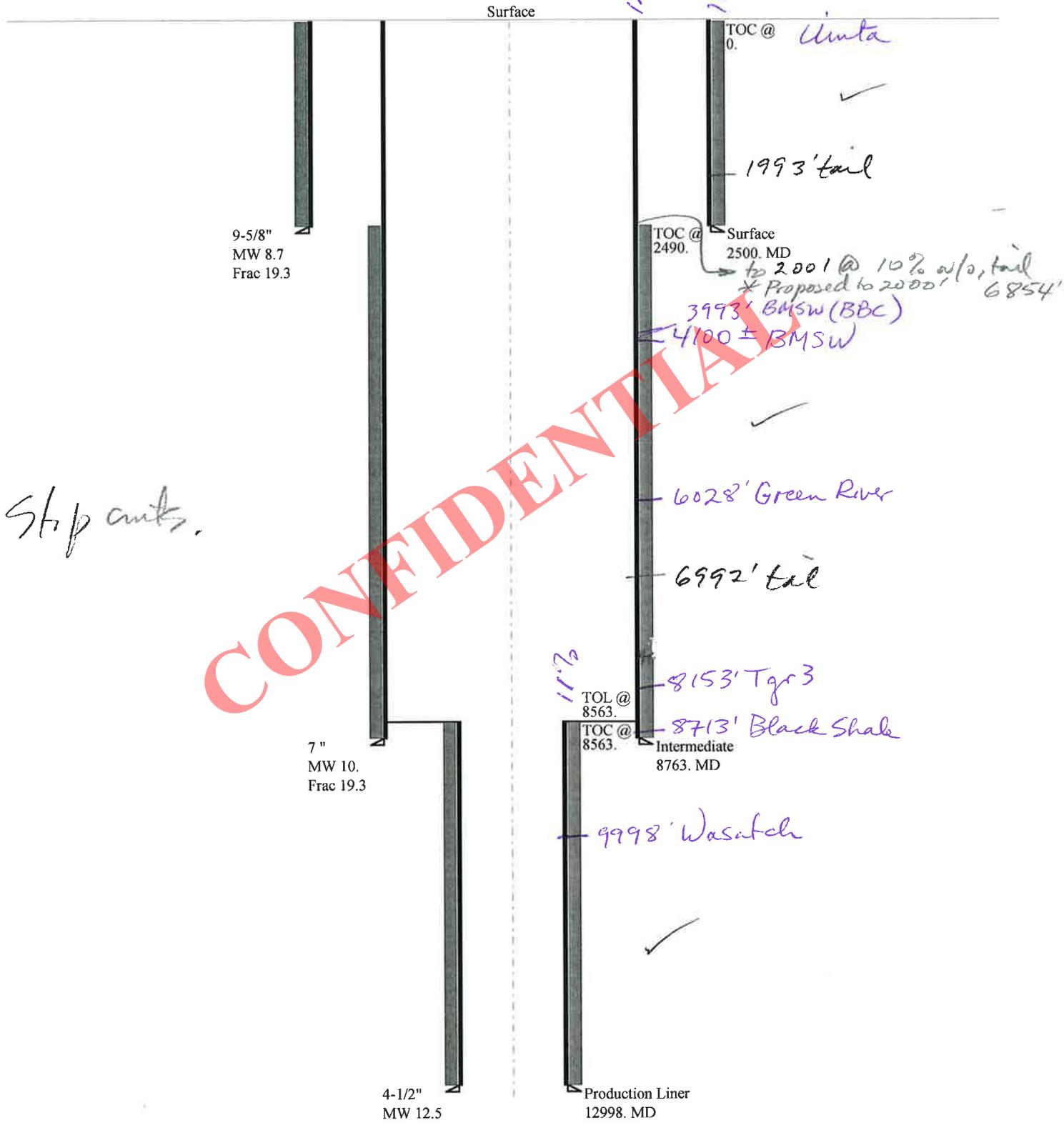
Calculations	SURF String	9.625	"
Max BHP (psi)	.052*Setting Depth*MW=	1131	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	831	NO air drill, diverter or rotating head
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	581	NO OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	599	NO
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=	4557	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3505	YES 10M double pipe/blind ram, 10M single pipe
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2629	YES ram, 5M annular set on 11
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	3179	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=	8449	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	6889	YES 10M double pipe/blind ram, 10M single pipe
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	5589	YES ram, 5M annular set on 11
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	7517	YES OK
Required Casing/BOPE Test Pressure=		8687	psi
*Max Pressure Allowed @ Previous Casing Shoe=		8763	psi *Assumes 1psi/ft frac gradient

# 43047533220000 FD 3-6-2-2

## Casing Schematic



Well name:	<b>43047533220000 FD 3-6-2-2</b>	
Operator:	<b>BILL BARRETT CORP</b>	Project ID:
String type:	Surface	43-047-53322
Location:	UINTAH COUNTY	

**Design parameters:**

**Collapse**

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

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
 Surface temperature: 74 °F  
 Bottom hole temperature: 109 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 100 ft

Cement top: Surface

**Burst**

Max anticipated surface pressure: 2,200 psi  
 Internal gradient: 0.120 psi/ft  
 Calculated BHP 2,500 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: 2,178 ft

**Non-directional string.**

**Re subsequent strings:**

Next setting depth: 8,763 ft  
 Next mud weight: 10.000 ppg  
 Next setting BHP: 4,552 psi  
 Fracture mud wt: 19.250 ppg  
 Fracture depth: 2,500 ft  
 Injection pressure: 2,500 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	2500	9.625	36.00	J-55	ST&C	2500	2500	8.796	21730
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	1130	2020	1.788	2500	3520	1.41	78.4	394	5.02 J

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

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

Date: March 14, 2013  
 Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 2500 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:	<b>43047533220000 FD 3-6-2-2</b>		
Operator:	<b>BILL BARRETT CORP</b>		
String type:	Intermediate	Project ID:	43-047-53322
Location:	UINTAH COUNTY		

**Design parameters:**

**Collapse**

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

**Burst**

Max anticipated surface pressure: 6,881 psi  
 Internal gradient: 0.120 psi/ft  
 Calculated BHP: 7,932 psi

No backup mud specified.

**Minimum design factors:**

**Collapse:**

Design factor: 1.125

**Burst:**

Design factor: 1.00

**Tension:**

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

Tension is based on buoyed weight.  
 Neutral point: 7,441 ft

**Environment:**

H2S considered? No  
 Surface temperature: 74 °F  
 Bottom hole temperature: 197 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,000 ft

Cement top: 2,490 ft

**Non-directional string.**

**Re subsequent strings:**

Next setting depth: 12,998 ft  
 Next mud weight: 12.500 ppg  
 Next setting BHP: 8,440 psi  
 Fracture mud wt: 19.250 ppg  
 Fracture depth: 8,763 ft  
 Injection pressure: 8,763 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	8763	7	26.00	P-110	LT&C	8763	8763	6.151	91091
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	4552	6230	1.369	7932	9950	1.25	193.5	693	3.58 J

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

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

Date: March 14, 2013  
 Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 8763 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.

Well name:	<b>43047533220000 FD 3-6-2-2</b>	
Operator:	<b>BILL BARRETT CORP</b>	Project ID:
String type:	Production Liner	43-047-53322
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: 256 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,000 ft

Cement top: 8,640 ft

Liner top: 8,563 ft

**Non-directional string.**

**Burst**

Max anticipated surface pressure: 5,581 psi  
 Internal gradient: 0.220 psi/ft  
 Calculated BHP 8,440 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: 12,187 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	4398	4.5	13.50	P-110	LT&C	12998	12998	3.795	24644
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	8440	10680	1.265	8440	12410	1.47	48.4	338	6.98 J

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

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

Date: March 14, 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 12998 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.

# ON-SITE PREDRILL EVALUATION

## Utah Division of Oil, Gas and Mining

**Operator** BILL BARRETT CORP  
**Well Name** FD 3-6-2-2  
**API Number** 43047533220000      **APD No** 7126    **Field/Unit** UNDESIGNATED  
**Location:** 1/4,1/4 NENW    **Sec** 6    **Tw** 2.0S    **Rng** 2.0E    592 FNL 2054 FWL  
**GPS Coord (UTM)** 600697 4466629      **Surface Owner** Shirley and Glenn Huber

### Participants

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

### Regional/Local Setting & Topography

This well is located 3 miles north of Highway 40 and directly north of Gusher, Utah and approximately 20 miles west of Vernal, Utah. This proposed location sits just under an abandoned irrigation canal. To the north and up hill approximately 0.5 miles is Bullock Reservoir and just east of Bullock lies Cottonwood Reservoir. Drainage from this site is to the south toward some wetlands. There is a small drainage across this location which will need a diversion.

### Surface Use Plan

**Current Surface Use**  
Grazing

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.4	Width 305 Length 400	Offsite	UNTA

**Ancillary Facilities** N

**Waste Management Plan Adequate?** Y

### Environmental Parameters

**Affected Floodplains and/or Wetlands** N

#### **Flora / Fauna**

Greasewood, russian thistle, grasses

#### **Soil Type and Characteristics**

Sandy loam

**Erosion Issues** N

**Sedimentation Issues** N

**Site Stability Issues** N

**Drainage Diverson Required?** Y

A very small diversion will be needed from the north side of location to drain to the west.

**Berm Required? N**

**Erosion Sedimentation Control Required? N**

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

**Reserve Pit**

**Site-Specific Factors**

**Site Ranking**

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

**Sensitivity Level**

**Characteristics / Requirements**

The reserve pit is proposed in a cut stable location. Dimensions are 205 x 100 x 8ft. Bill Barrett representative Kary Eldredge stated that a 20 mil reserve pit liner and felt subliner is used on all BBC locations as standard equipment. This liner program appears adequate for this location.

**Closed Loop Mud Required? N    Liner Required? Y    Liner Thickness 20    Pit Underlayment Required? Y**

**Other Observations / Comments**

UTM's off a bit.

Richard Powell  
**Evaluator**

11/20/2012  
**Date / Time**

# Application for Permit to Drill Statement of Basis

## Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
7126	43047533220000	LOCKED	OW	P	No
<b>Operator</b>	BILL BARRETT CORP		<b>Surface Owner-APD</b>	Shirley and Glenn Huber	
<b>Well Name</b>	FD 3-6-2-2		<b>Unit</b>		
<b>Field</b>	UNDESIGNATED		<b>Type of Work</b>	DRILL	
<b>Location</b>	NENW 6 2S 2E U 592 FNL (UTM) 600761E 4466411N		2054 FWL	GPS Coord	

### Geologic Statement of Basis

Bill Barrett proposes to set 80 feet of conductor and 1,500 feet of surface casing at this location. The entire surface hole will be drilled with fresh water mud. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 4,100'. A search of Division of Water Rights records shows 6 water wells within a 10,000 foot radius of the center of Section 6. These wells range in depth from 36-300 feet. Listed uses are domestic, irrigation and stock watering. The wells probably produce water from near-surface alluvium and the Uinta Formation. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. Production casing cement should be brought up to or above the base of the moderately saline ground water in order to isolate it from fresher waters uphole.

Brad Hill  
APD Evaluator

12/4/2012  
Date / Time

### Surface Statement of Basis

This proposed well is on fee surface with fee minerals. The surface owner Glenn Huber attended this onsite. Bullock Reservoir, which is a popular site for fishing and other recreation is approximately 0.5 miles north of this proposed location. During the onsite Mr. Huber discussion was made concerning rerouting the access road to come in from the north near the reservoir. This reroute would create less disturbance to Mr. Huber's agricultural land but would allow and perhaps encourage traffic from the reservoir onto his land. It was decided to keep the access as is to avoid unwanted access to the property. Mr. Huber stated no other concerns with this well site. According to BBC representative Kary Eldredge a 20 mil liner will be used for this reserve pit. A small drainage diversion will be needed to go from the upper (north) side of the location around to the west side. This appears to be a good site for placement of this well.

Richard Powell  
Onsite Evaluator

11/20/2012  
Date / Time

### Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 20 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.

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

**CONFIDENTIAL**

## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/9/2012

API NO. ASSIGNED: 43047533220000

WELL NAME: FD 3-6-2-2

OPERATOR: BILL BARRETT CORP (N2165)

PHONE NUMBER: 303 312-8115

CONTACT: Brady Riley

PROPOSED LOCATION: NENW 06 020S 020E

Permit Tech Review: 

SURFACE: 0592 FNL 2054 FWL

Engineering Review: 

BOTTOM: 0592 FNL 2054 FWL

Geology Review: 

COUNTY: UINTAH

LATITUDE: 40.34407

LONGITUDE: -109.81364

UTM SURF EASTINGS: 600761.00

NORTHINGS: 4466411.00

FIELD NAME: UNDESIGNATED

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: 49-2336
- 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 &amp; 1320' Fr Other Wells

 R649-3-11. Directional Drill

Commingle Approved

Comments: Presite Completed

Stipulations: 3 - Commingle - dducet  
5 - Statement of Basis - bhill  
12 - Cement Volume (3) - 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 3-6-2-2  
**API Well Number:** 43047533220000  
**Lease Number:** fee  
**Surface Owner:** FEE (PRIVATE)  
**Approval Date:** 3/18/2013

### 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

### Commingle:

In accordance with Board Cause No. 139-42, commingling of the production from the Wasatch formation and the Lower Green River formation in this well is allowed. Commingling of middle or upper Green River with the spaced interval is not allowed without further approval.

### 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 volume for the 7" intermediate string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 2000' MD as indicated in the submitted drilling plan.

Surface casing shall be cemented to the surface.

**Additional Approvals:**

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

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

**Notification Requirements:**

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

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

**Contact Information:**

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

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

**Reporting Requirements:**

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

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

Approved By:

**Approved by:**

A handwritten signature in black ink, appearing to read "J. Rogers", written in a cursive style.

For John Rogers  
Associate Director, Oil & Gas

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: fee
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FD 3-6-2-2
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047533220000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext
	9. FIELD and POOL or WILDCAT: MOFFAT CANAL
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FNL 2054 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 06 Township: 02.0S Range: 02.0E Meridian: U	COUNTY: UINTAH
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>6/18/2013</b>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

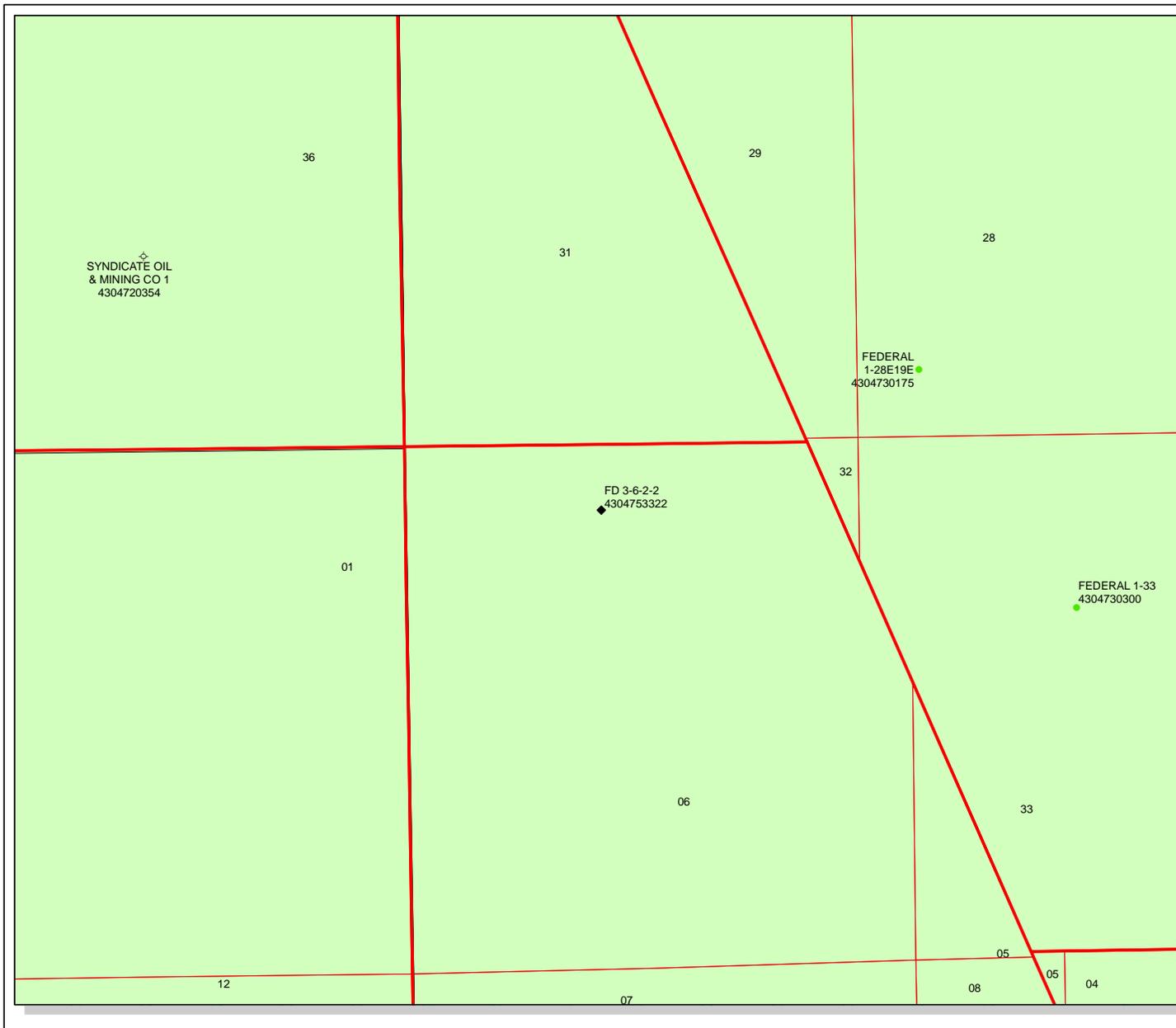
Attached find the updated plat package, shifting the pad location directly south 69' (along with the BHL since this is a vertical well) from 592'FNL/2054'FWL to 661'FNL/2054'FWL per the surface owner. The drilling procedures and formation tops have not changed with this SHL/BHL move. Attached is the amended SUA from the surface owner consenting to the pad move.

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

**Date:** July 19, 2013

**By:** 

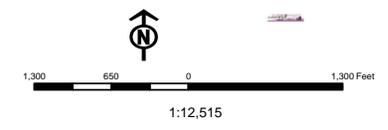
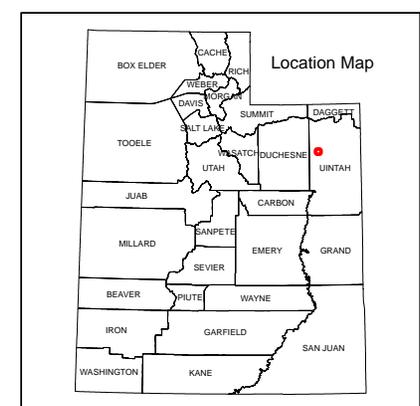
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 6/18/2013	



**API Number: 4304753322**  
**Well Name: FD 3-6-2-2**  
**Township T02.0S Range R02.0E Section 06**  
**Meridian: UBM**  
Operator: BILL BARRETT CORP

Map Prepared:  
Map Produced by Diana Mason

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



# BILL BARRETT CORPORATION

## FD #3-6-2-2

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 6, T2S, R2E, U.S.B.&M.

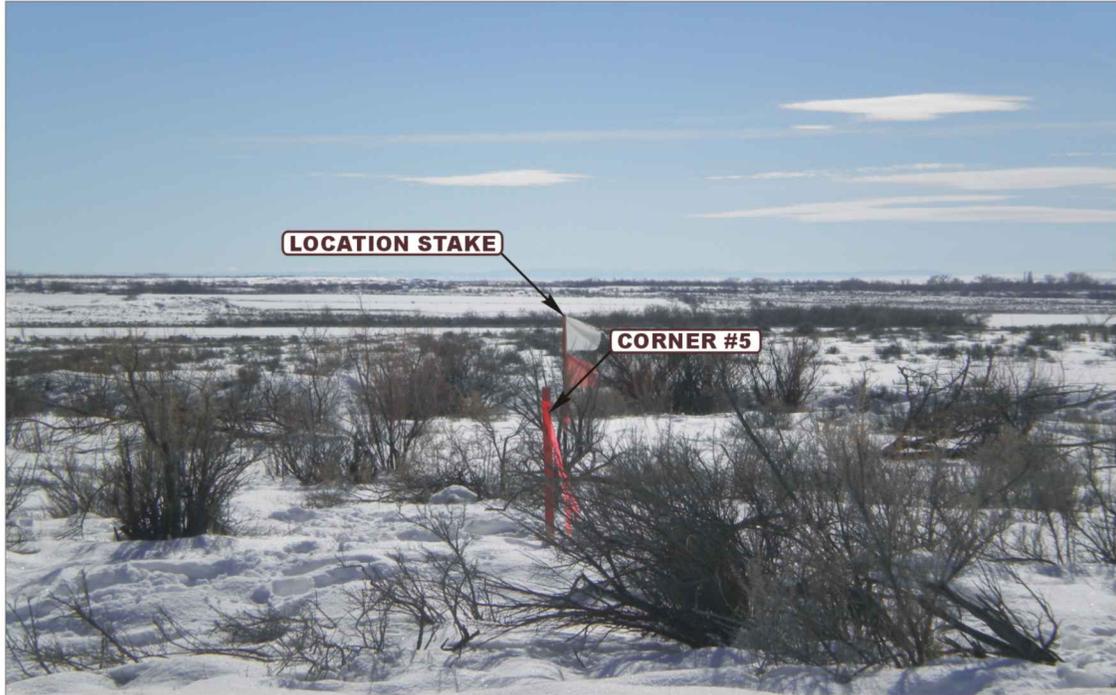


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHERLY



- Since 1964 -

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

LOCATION PHOTOS

10 07 11  
MONTH DAY YEAR

PHOTO

TAKEN BY: C.R.

DRAWN BY: C.I.

REVISED: 02-07-13

# T2S, R2E, U.S.B.&M.

## BILL BARRETT CORPORATION

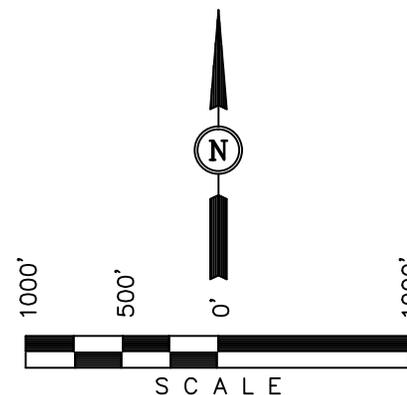
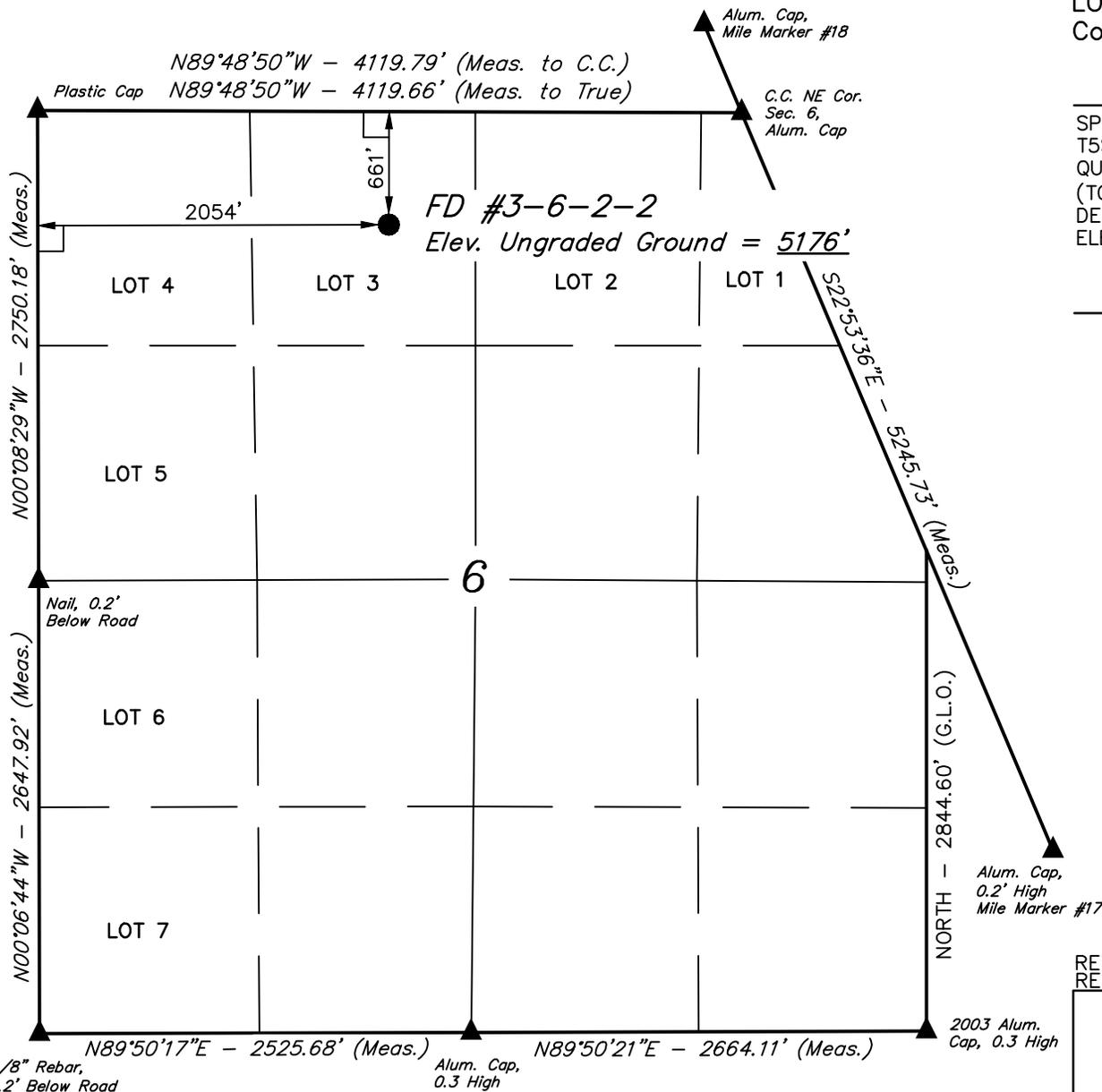
Well location, FD #3-6-2-2, located as shown in LOT 3 of Section 6, T2S, R2E, U.S.B.&M., Uintah County, Utah.

### 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, UINAH 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.



### CERTIFICATE

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

*Robert KAV*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

REVISED: 02-04-13 K.O.  
 REVISED: 10-23-12

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

### LEGEND:

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

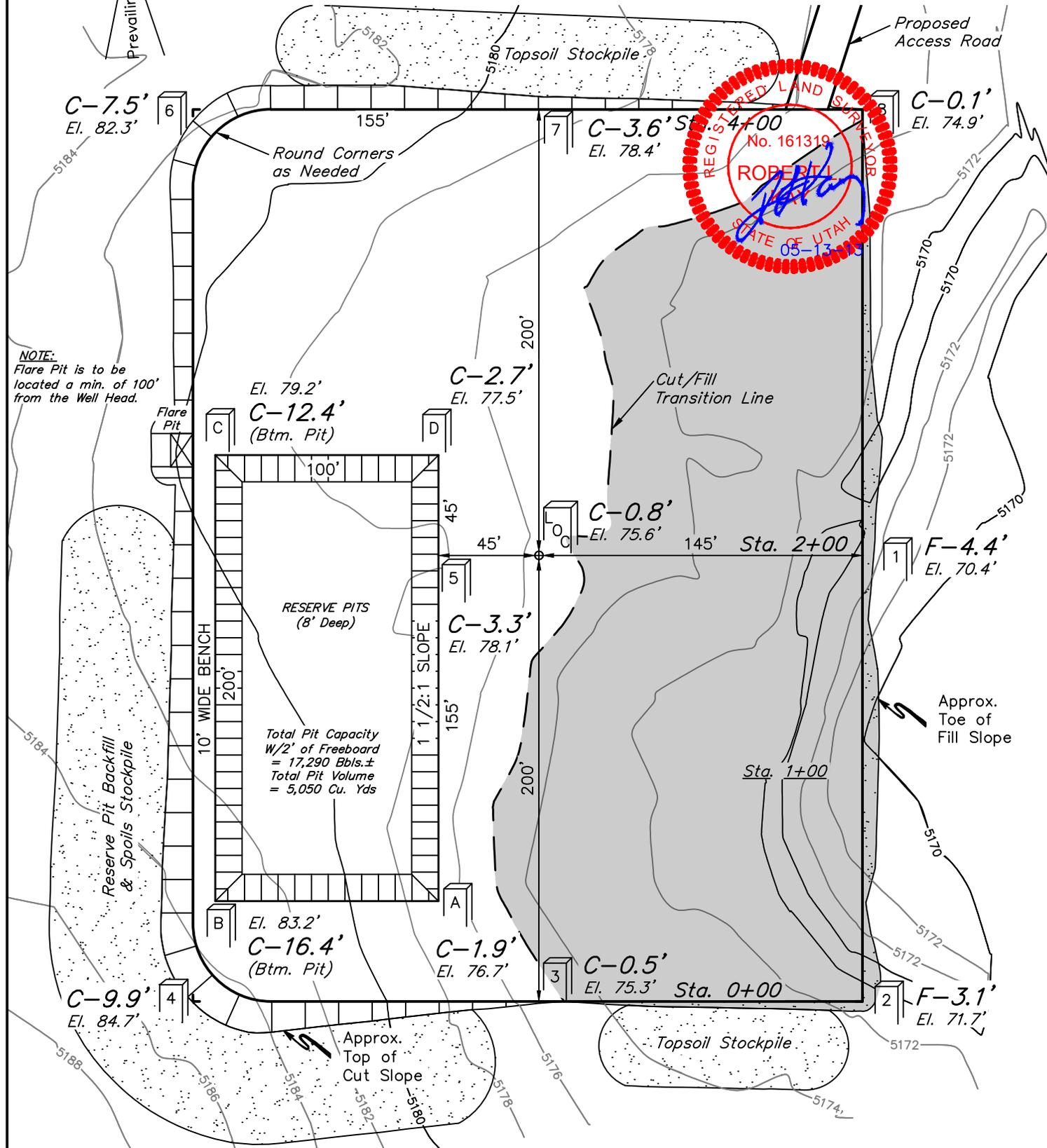
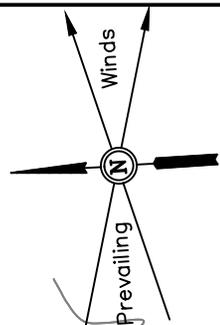
<b>NAD 83 (SURFACE LOCATION)</b>	
LATITUDE	= 40°20'38.16" (40.343933)
LONGITUDE	= 109°48'51.70" (109.814361)
<b>NAD 27 (SURFACE LOCATION)</b>	
LATITUDE	= 40°20'38.30" (40.343972)
LONGITUDE	= 109°48'49.18" (109.813661)

SCALE 1" = 1000'	DATE SURVEYED: 09-08-11	DATE DRAWN: 10-13-11
PARTY C.R. S.R. J.J.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE BILL BARRETT CORPORATION	

**BILL BARRETT CORPORATION**  
 LOCATION LAYOUT FOR  
 FD #3-6-2-2  
 SECTION 6, T2S, R2E, U.S.B.&M.  
 661' FNL 2054' FWL

**FIGURE #1**

SCALE: 1" = 60'  
 DATE: 10-13-11  
 DRAWN BY: J.J.  
 REVISED: 10-23-12  
 REVISED: 02-06-13 K.O.



Elev. Ungraded Ground At Loc. Stake = 5175.6'  
 FINISHED GRADE ELEV. AT LOC. STAKE = 5174.8'

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

RECEIVED: Jun. 18, 2013

**BILL BARRETT CORPORATION**

**TYPICAL CROSS SECTIONS FOR**

FD #3-6-2-2

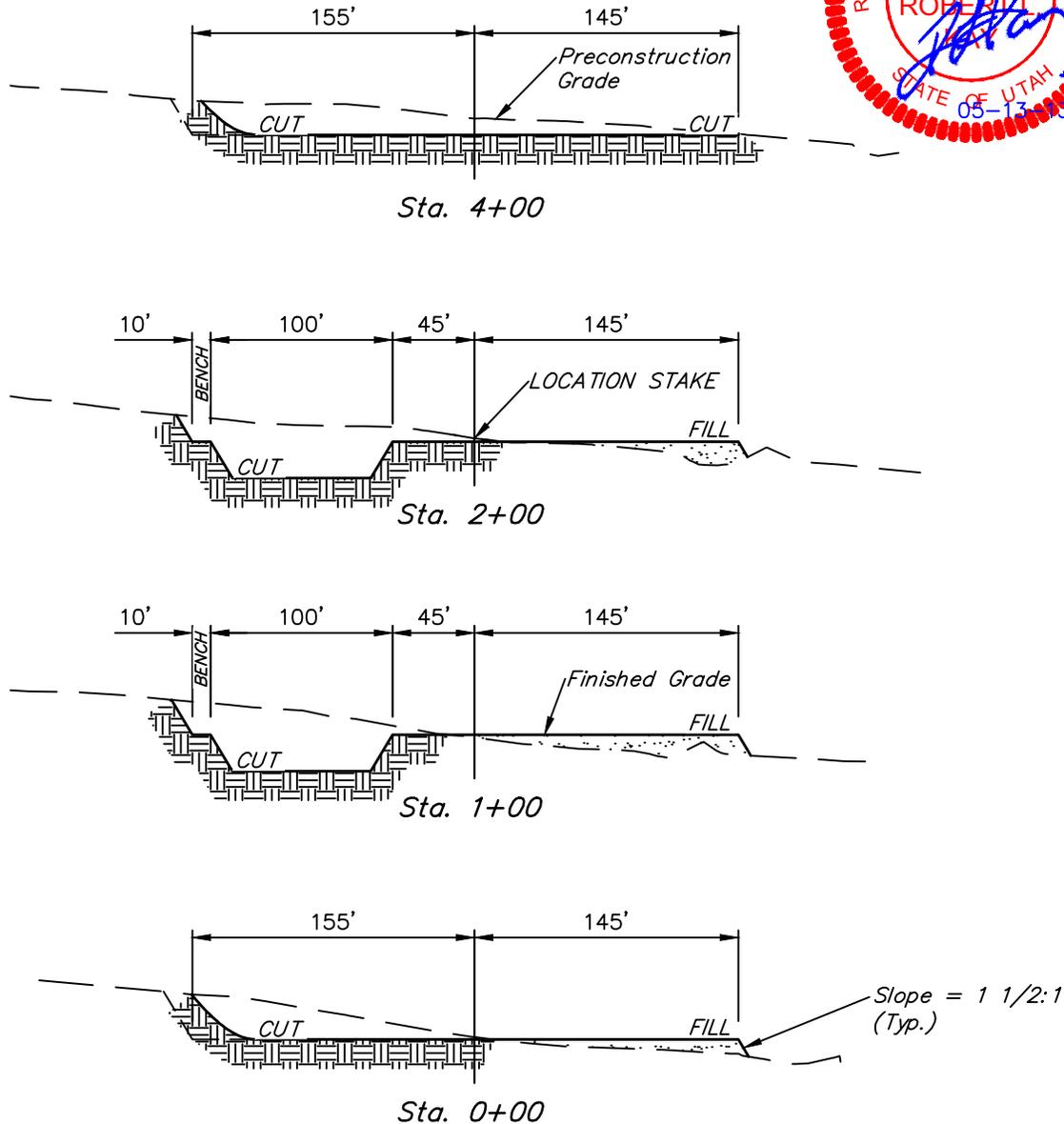
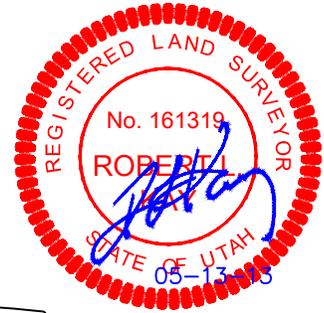
SECTION 6, T2S, R2E, U.S.B.&M.

661' FNL 2054' FWL

**FIGURE #2**

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

DATE: 10-13-11  
DRAWN BY: J.J.  
REVISED: 10-23-12  
REVISED: 02-06-13 K.O.



**NOTE:**

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

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ± 3.700 ACRES  
ACCESS ROAD DISTURBANCE = ± 1.365 ACRES  
PIPELINE DISTURBANCE = ± 4.294 ACRES  
TOTAL = ± 9.359 ACRES

\* NOTE:  
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping = 2,410 Cu. Yds.  
Remaining Location = 13,320 Cu. Yds.  
**TOTAL CUT = 15,730 CU. YDS.**  
**FILL = 5,160 CU. YDS.**

EXCESS MATERIAL = 10,570 Cu. Yds.  
Topsoil & Pit Backfill = 4,940 Cu. Yds.  
(1/2 Pit Vol.)  
EXCESS UNBALANCE = 5,630 Cu. Yds.  
(After Interim Rehabilitation)

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



# BILL BARRETT CORPORATION PRODUCTION FACILITY LAYOUT FOR

FD #3-6-2-2

SECTION 6, T2S, R2E, U.S.B.&M.  
661' FNL 2054' FWL

**FIGURE #4**

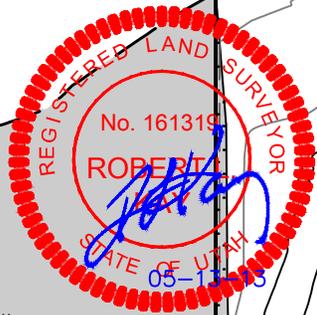
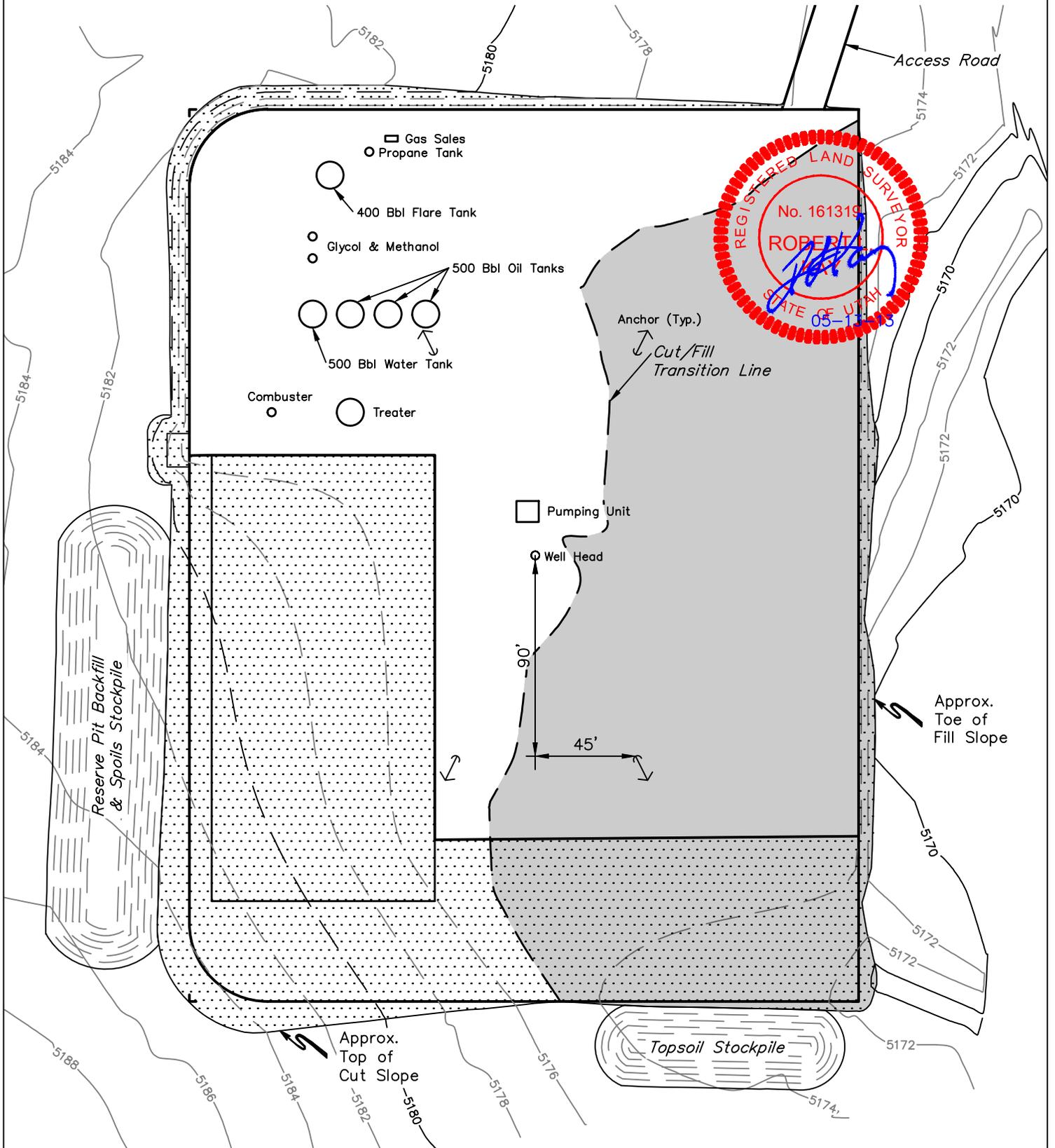
SCALE: 1" = 60'

DATE: 10-13-11

DRAWN BY: J.J.

REVISED: 10-23-12

REVISED: 02-06-13 K.O.



RECLAIMED AREA

APPROXIMATE ACREAGES  
UN-RECLAIMED = ± 1.739 ACRES

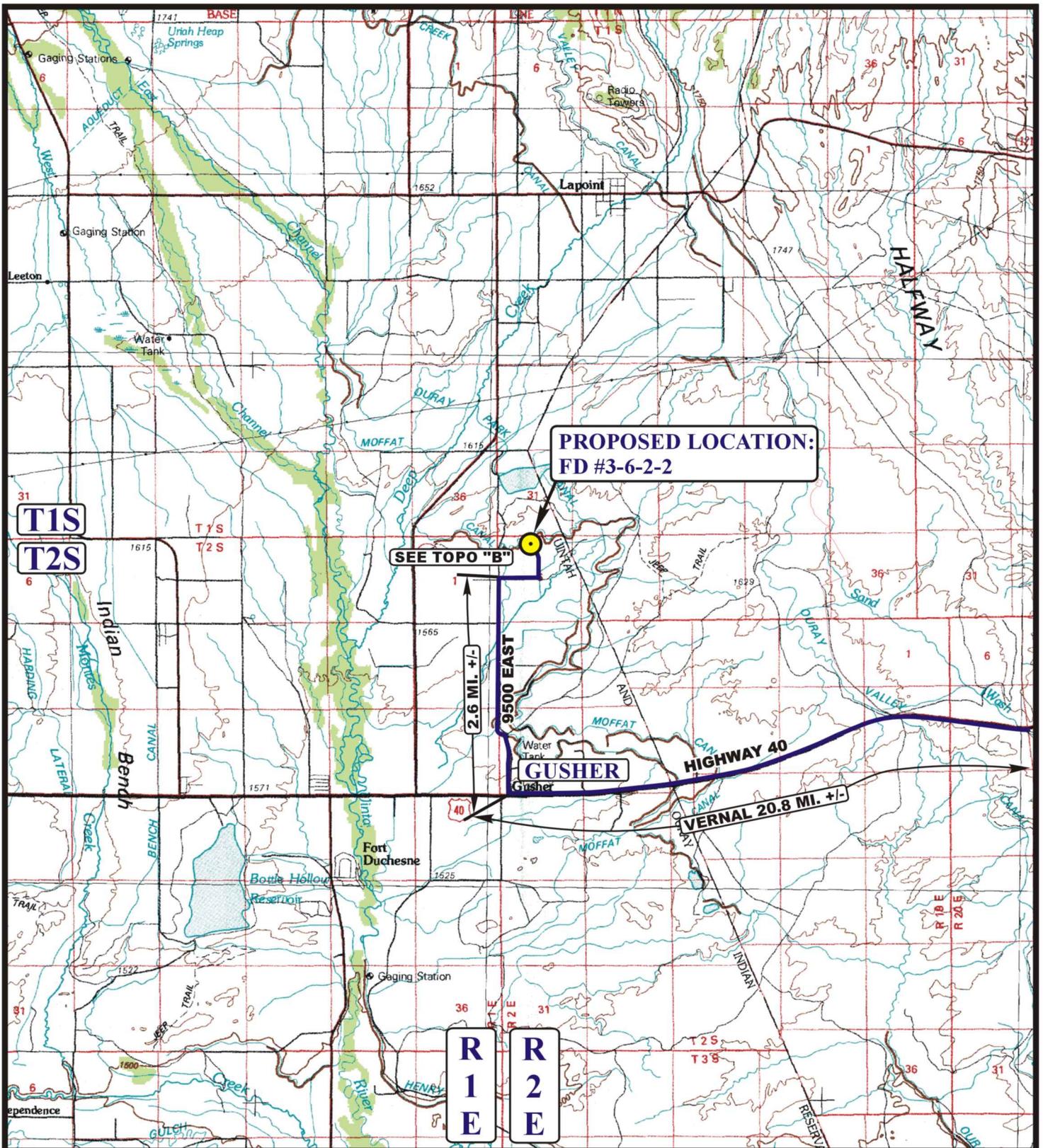
**UINTAH ENGINEERING & LAND SURVEYING**  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

RECEIVED: Jun. 18, 2013

**BILL BARRETT CORPORATION**  
**FD #3-6-2-2**  
**SECTION 6, T2S, R2E, U.S.B.&M.**

PROCEED IN A WESTERLY, THEN SOUTHWESTERLY, THEN WESTERLY DIRECTION FROM VERNAL, UTAH ALONG HIGHWAY 40 APPROXIMATELY 20.8 MILES TO THE JUNCTION OF THIS ROAD AND 9500 EAST TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 2.6 MILES TO THE JUNCTION OF THIS ROAD AND 2500 NORTH TO THE EAST; TURN RIGHT AND PROCEED IN A EASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE BEGINNING OF THE PROPOSED ACCESS ROAD TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 2,017' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 24.3 MILES.



**PROPOSED LOCATION:  
FD #3-6-2-2**

**SEE TOPO "B"**

**2.6 MI. +/-**

**9500 EAST**

**GUSHER**

**HIGHWAY 40**

**VERNAL 20.8 MI. +/-**

**LEGEND:**

 **PROPOSED LOCATION**



**BILL BARRETT CORPORATION**

**FD #3-6-2-2  
SECTION 6, T2S, R2E, U.S.B.&M.  
661' FNL 2054' FWL**



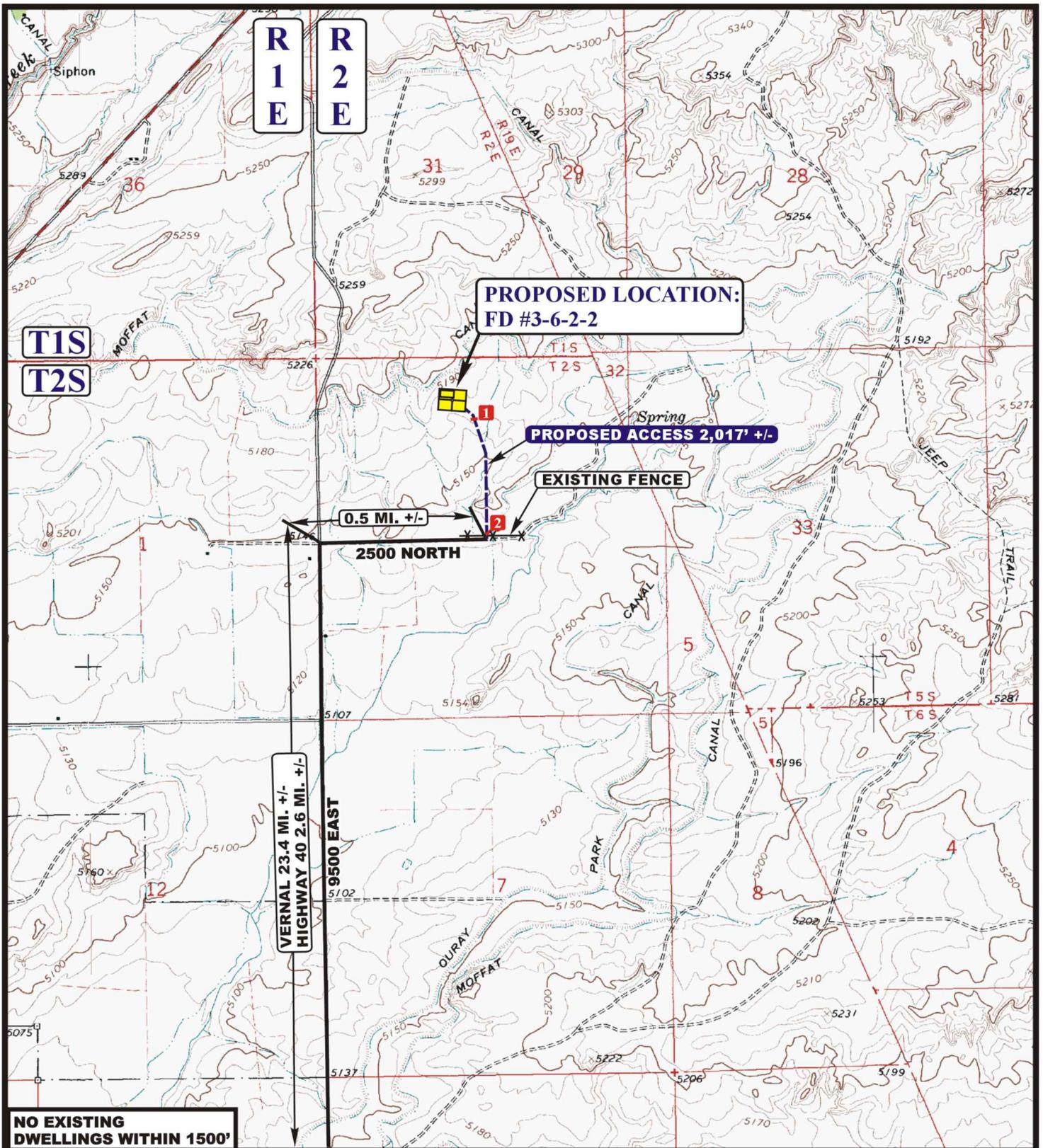
**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**ACCESS ROAD  
MAP**

**10 07 11**  
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: C.I. REVISED: 02-07-13





**NO EXISTING DWELLINGS WITHIN 1500'**

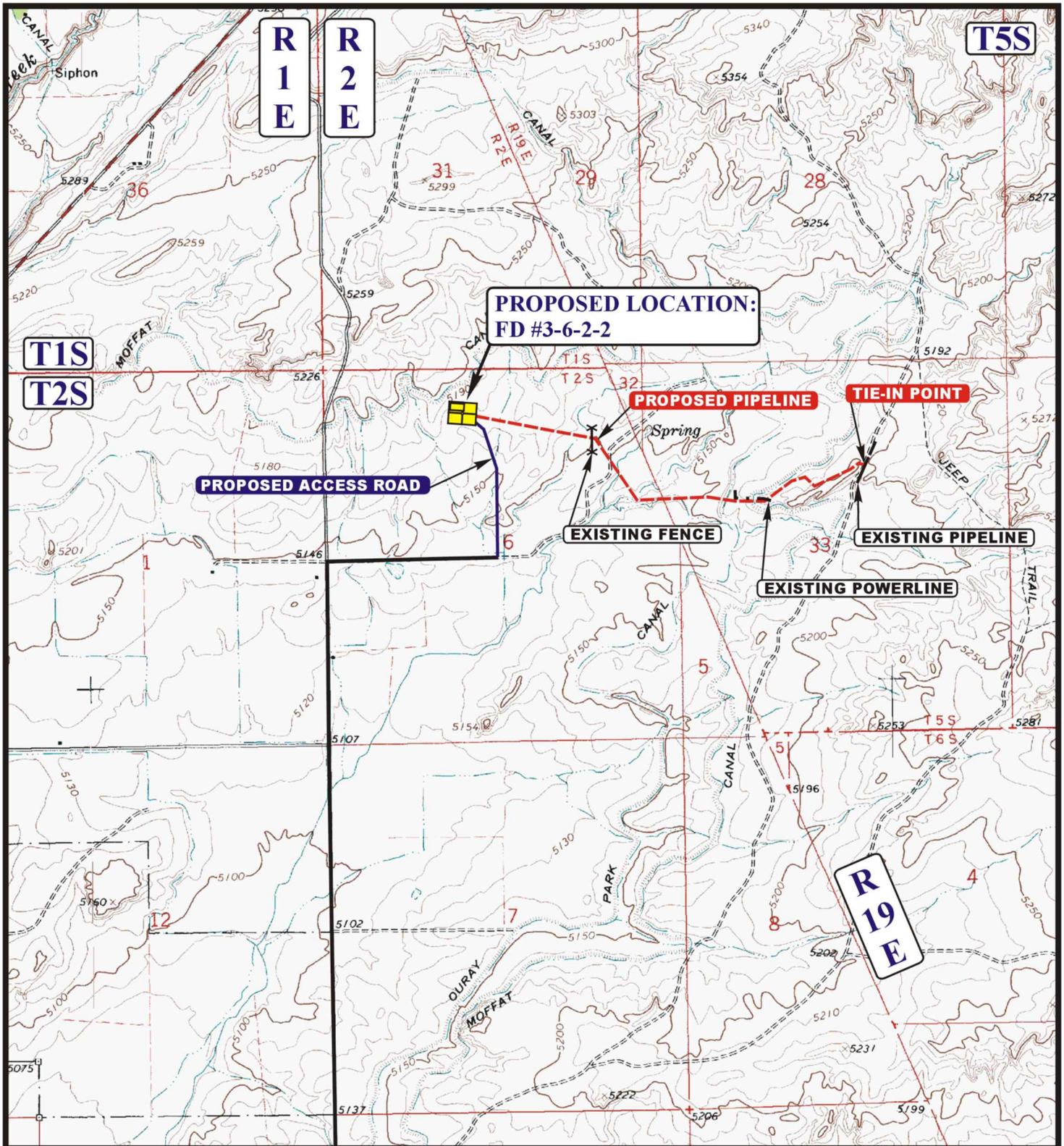
- LEGEND:**
- EXISTING ROAD
  - PROPOSED ACCESS ROAD
  - EXISTING FENCE
  - 24" CMP REQUIRED
  - CATTLE GUARD REQUIRED

**BILL BARRETT CORPORATION**  
 FD #3-6-2-2  
 SECTION 6, T2S, R2E, U.S.B.&M.  
 661' FNL 2054' FWL



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

<b>ACCESS ROAD MAP</b>	<b>10</b>	<b>07</b>	<b>11</b>	<b>B TOPO</b>
	MONTH	DAY	YEAR	
SCALE: 1" = 2000'	DRAWN BY: C.I.		REVISED: 02-07-13	



**APPROXIMATE TOTAL PIPELINE DISTANCE = 6,298' +/-**

**LEGEND:**

- PROPOSED ACCESS ROAD
- - - - - EXISTING PIPELINE
- - - - - PROPOSED PIPELINE
- \* \* \* \* \* EXISTING FENCE

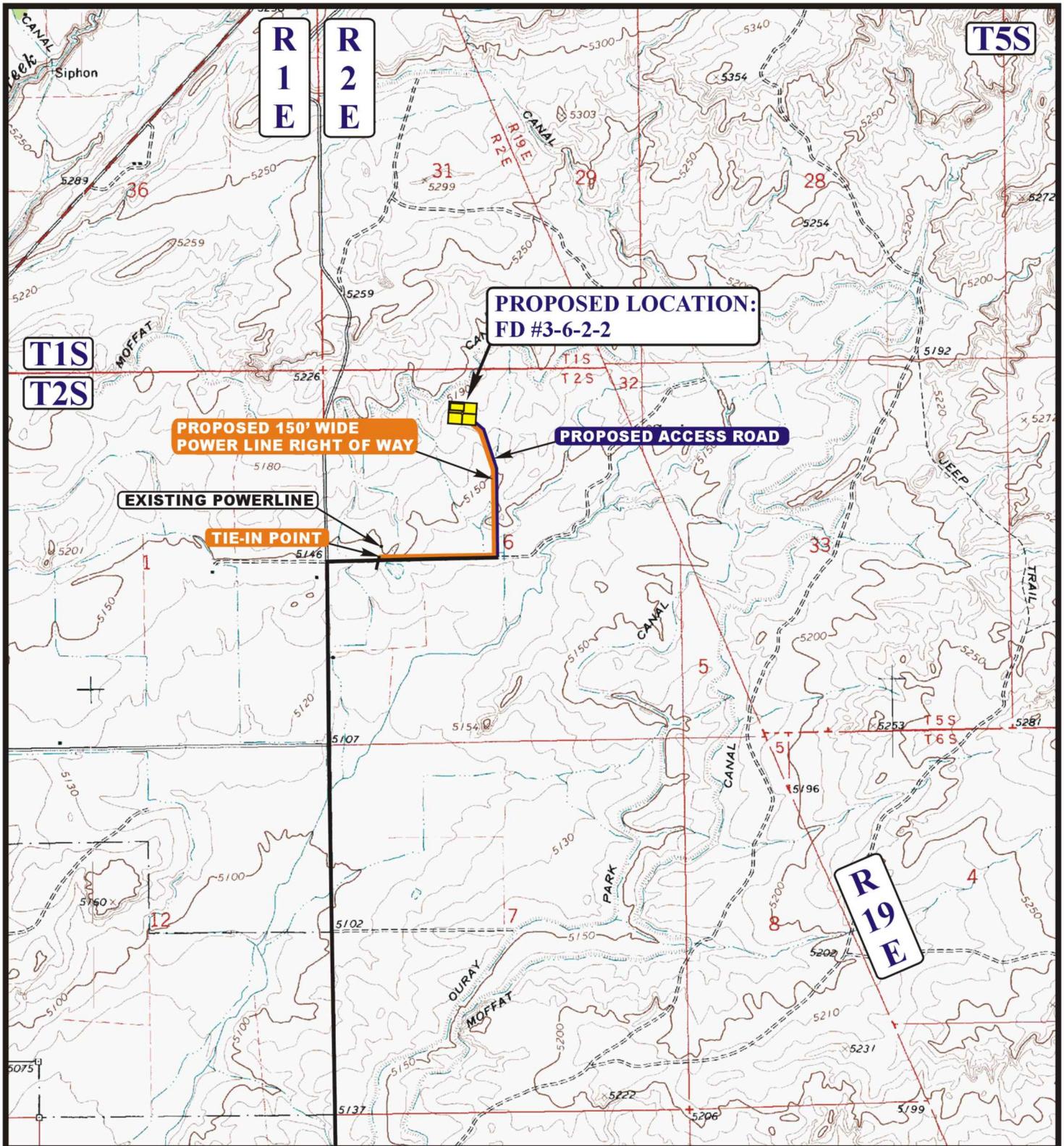
**BILL BARRETT CORPORATION**

**FD #3-6-2-2**  
**SECTION 6, T2S, R2E, U.S.B.&M.**  
**661' FNL 2054' FWL**

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



<b>TOPOGRAPHIC</b>	<b>01</b>	<b>06</b>	<b>12</b>	<b>C</b> <b>TOPO</b>
<b>MAP</b>	MONTH	DAY	YEAR	
SCALE: 1" = 2000'	DRAWN BY: C.I.		REVISED: 02-07-13	



APPROXIMATE TOTAL POWER LINE DISTANCE = 3,684' +/-

**LEGEND:**

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



**BILL BARRETT CORPORATION**

FD #3-6-2-2  
SECTION 6, T2S, R2E, U.S.B.&M.  
661' FNL 2054' FWL



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

**TOPOGRAPHIC** 01 06 12  
**MAP** MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: C.I. REVISED: 02-07-13





Exhibit A

BILL BARRETT CORPORATION

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

(For FD #3-6-2-2)

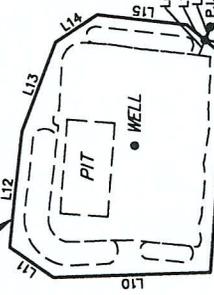
LOCATED IN  
SECTION 6, T2S, R2E, U.S.B.&M.,  
UINTAH COUNTY, UTAH

C.C. NE Cor.  
Sec. 6,  
Alum. Cap

N89°48'50"W - 4119.79' (Meas. to C.C.)  
N89°48'50"W - 4119.66' (Meas. to True)

**SURFACE USE AREA**  
ED. #3-6-2-2  
Contains 3.700 Acres

1/4 Section Line



**SHIRLEY HUBER TRUSTEE  
GLENN J. HUBER FAMILY  
LIVING TRUST ET AL**

END OF PROPOSED ROAD  
RIGHT-OF-WAY  
STA. 19+81.64  
(At Edge of Surface Use Area)

P.I. 12+75.81

P.I. 15+55.41

Install 24" CMP

P.I. 19+51.08

P.I. 18+62.77

LINE	DIRECTION	LENGTH
L1	N00°08'04"W	1275.81'
L2	N16°26'01"W	278.60'
L3	N18°18'37"W	307.36'
L4	N34°41'26"W	88.29'
L5	N88°17'29"W	30.58'
L6	N68°17'29"W	34.87'
L7	S40°22'02"W	48.62'
L8	N89°20'08"W	150.60'
L9	N85°48'11"W	312.82'
L10	N02°00'57"W	329.88'
L11	N34°32'54"E	111.72'
L12	S84°09'49"E	246.70'
L13	S69°42'33"E	203.78'
L14	S34°10'19"E	104.46'
L15	S06°16'02"W	180.47'
L16	S40°22'02"W	49.59'

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

RIGHT-OF-WAY LENGTHS		
PROPERTY OWNER	FEET	RODS
SHIRLEY HUBER TRUSTEE GLENN J. HUBER FAMILY LIVING TRUST ET AL	1981.64	120.10

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

REGISTERED LAND SURVEYOR  
STATE OF UTAH No. 161319  
DATE OF EXPIRATION 05-31-15

REVISED: 02-07-13 K.O.  
REVISED: 10-23-12

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

SCALE	DATE
1" = 300'	10-13-11
PARTY	REFERENCES
C.R. S.R. J.J.	G.L.O. PLAT
WEATHER	FILE
WARM	5 1 1 6 8

**SURFACE USE AREA DESCRIPTION**

BEGINNING AT A POINT IN LOT 3 OF SECTION 6, T2S, R2E, U.S.B.&M., WHICH BEARS S70°20'33"E 2421.88' FROM THE NORTHWEST CORNER OF SAID SECTION 6, THENCE S40°22'02"W 48.62'; THENCE N89°20'06"W 150.60'; THENCE N85°48'11"W 312.82'; THENCE N02°00'57"W 329.88'; THENCE N34°32'54"E 111.72'; THENCE S84°09'49"E 246.70'; THENCE S69°42'33"E 203.78'; THENCE S34°10'19"E 104.46'; THENCE S06°16'02"W 190.47'; THENCE S40°22'02"W 49.59' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 3.700 ACRES MORE OR LESS.

LOT 4

BEGINNING OF ROAD STA. 0+00 BEARS N89°38'35"E 2531.31' FROM THE WEST 1/4 CORNER OF SECTION 6, T2S, R2E, U.S.B.&M.

END OF ROAD STA. 19+81.64 BEARS S70°20'33"E 2421.88' FROM THE NORTHWEST CORNER OF SECTION 6, T2S, R2E, U.S.B.&M.

1/16 Section Line

**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 SE 1/4 NW 1/4 OF SECTION 6, T2S, R2E, U.S.B.&M., WHICH BEARS N89°38'35"E 2531.31' FROM THE WEST 1/4 CORNER OF SAID SECTION 6, THENCE N00°08'04"W 1275.81'; THENCE N16°26'01"W 279.60'; THENCE N18°18'37"W 307.36'; THENCE N34°41'26"W 88.29'; THENCE N68°17'29"W 30.58'; TO A POINT IN LOT 3 OF SAID SECTION 6, WHICH BEARS S70°20'33"E 2421.88' FROM THE NORTHWEST CORNER OF SAID SECTION 6. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANITOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 1.365 ACRES MORE OR LESS.

LOT 5

1/4 Section Line

Nail, 0.2' Below Road

BEGINNING OF PROPOSED ROAD RIGHT-OF-WAY STA. 0+00 (At Existing Road)  
Cattle Guard Required

Sec. 6

Existing Fence

Existing Road

SW 1/4

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9  5. LEASE DESIGNATION AND SERIAL NUMBER: fee
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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 3-6-2-2
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43047533220000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FNL 2054 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 06 Township: 02.0S Range: 02.0E Meridian: U		9. FIELD and POOL or WILDCAT: MOFFAT CANAL
		COUNTY: UINTAH
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <b>8/21/2013</b>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>

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

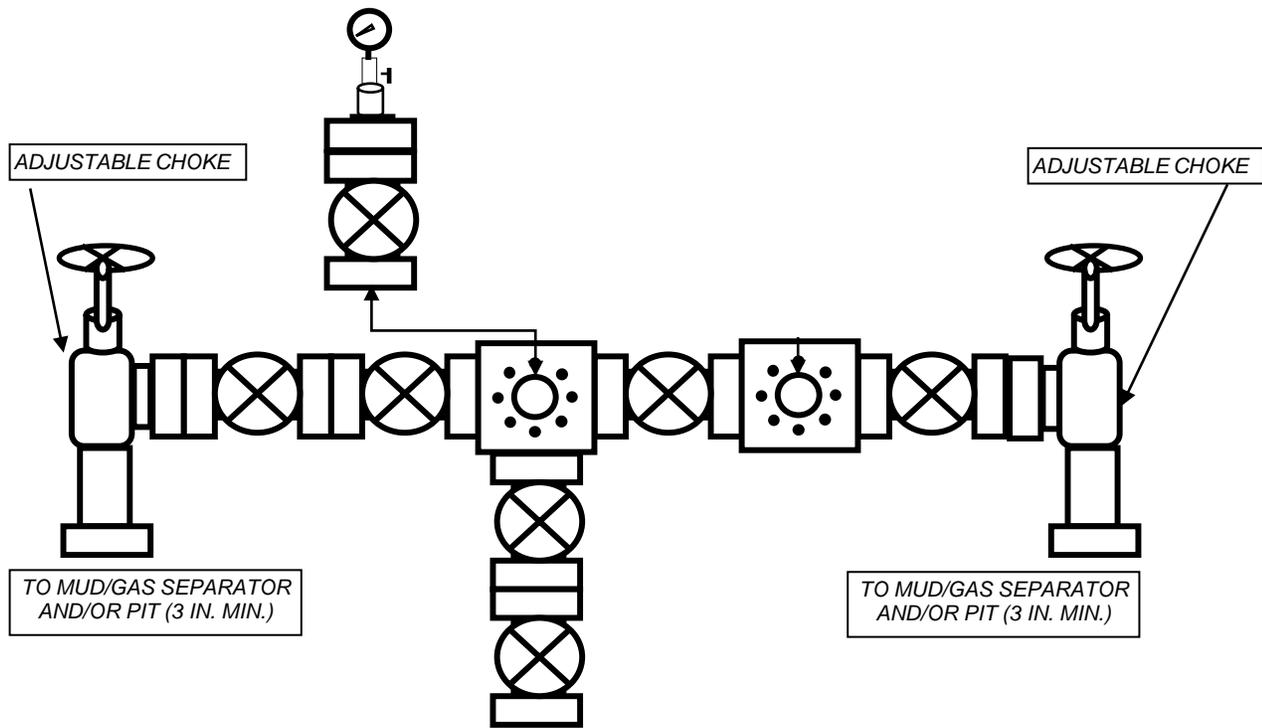
Attached, please find the updated 10M# choke manifold diagram and pressure control equipment description for this well.

**Approved by the Utah Division of Oil, Gas and Mining**  
**Date:** September 23, 2013  
**By:** *D. K. Quist*

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 8/21/2013	

# BILL BARRETT CORPORATION

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



ALL EQUIPMENT IS 3" (MINIMUM).

### 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.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9  5. LEASE DESIGNATION AND SERIAL NUMBER: fee
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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 3-6-2-2
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43047533220000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FNL 2054 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 06 Township: 02.0S Range: 02.0E Meridian: U		9. FIELD and POOL or WILDCAT: MOFFAT CANAL
		COUNTY: UINTAH
		STATE: UTAH

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

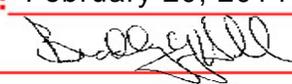
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <b>3/18/2015</b>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of 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 hereby request a one year extension for APD

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

**Date:** February 20, 2014

**By:** 

NAME (PLEASE PRINT) Christina Hirtler	PHONE NUMBER 303 312-8597	TITLE Administrative Assistant
SIGNATURE N/A	DATE 2/18/2014	



**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 43047533220000**

API: 43047533220000

Well Name: FD 3-6-2-2

Location: 0661 FNL 2054 FWL QTR NENW SEC 06 TWNP 020S RNG 020E MER U

Company Permit Issued to: BILL BARRETT CORP

Date Original Permit Issued: 3/18/2013

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: 2/18/2014

Title: Administrative Assistant Representing: BILL BARRETT CORP

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9  5. LEASE DESIGNATION AND SERIAL NUMBER: fee
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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: <b>6/1/2015</b>	<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
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	<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 requests a one year extension for the subject APD.

**Approved by the**  
**January 22, 2015**  
**Oil, Gas and Mining**

Date: \_\_\_\_\_  
 By: 

NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst
SIGNATURE N/A	DATE 1/21/2015	



**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 43047533220000**

API: 43047533220000

Well Name: FD 3-6-2-2

Location: 0661 FNL 2054 FWL QTR NENW SEC 06 TWNP 020S RNG 020E MER U

Company Permit Issued to: BILL BARRETT CORP

Date Original Permit Issued: 3/18/2013

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: Venessa Langmacher

Date: 1/21/2015

Title: Senior 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

March 24, 2016

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

Re: APD Rescinded – FD 3-6-2-2, Sec. 6, T. 2S, R. 2E  
Uintah County, Utah API No. 43-047-53322

Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on March 18, 2013. On February 20, 2014 and January 22, 2015 the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective March 24, 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