

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

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL		1. WELL NAME and NUMBER HORSE BENCH FED 4-20D-12-17
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>		3. FIELD OR WILDCAT WILDCAT
4. TYPE OF WELL Gas 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) utu65783	11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>	12. SURFACE OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>
13. NAME OF SURFACE OWNER (if box 12 = 'fee')		14. SURFACE OWNER PHONE (if box 12 = 'fee')
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')		16. SURFACE OWNER E-MAIL (if box 12 = 'fee')
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')	18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>	19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	347 FNL 550 FEL	NENE	19	12.0 S	17.0 E	S
Top of Uppermost Producing Zone	668 FNL 691 FWL	NWNW	20	12.0 S	17.0 E	S
At Total Depth	668 FNL 691 FWL	NWNW	20	12.0 S	17.0 E	S

21. COUNTY CARBON	22. DISTANCE TO NEAREST LEASE LINE (Feet) 668	23. NUMBER OF ACRES IN DRILLING UNIT 40
25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 8838	26. PROPOSED DEPTH MD: 7816 TVD: 7570	
27. ELEVATION - GROUND LEVEL 6705	28. BOND NUMBER WYB000040	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE NINE MILE CANYON

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Cond	24	14	0 - 40	65.0	Unknown	8.6	No Used	0	0.0	0.0
Surf	12.25	9.625	0 - 1000	36.0	J-55 ST&C	8.6	Varocem	170	2.53	12.0
							Halliburton Premium , Type Unknown	190	1.16	15.8
Prod	8.75	4.5	0 - 7816	11.6	P-110 LT&C	9.5	Halliburton Light , Type Unknown	310	1.96	12.5
							50/50 Poz	1300	1.45	13.4

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

NAME Brady Riley	TITLE Permit Analyst	PHONE 303 312-8115
SIGNATURE	DATE 09/28/2012	EMAIL briley@billbarrettcorp.com
API NUMBER ASSIGNED 43007503500000	APPROVAL  Permit Manager	

T12S, R17E, S.L.B.&M.

BILL BARRETT CORPORATION

S89°58'25"W - 5152.00' (Meas.)

1909 Brass Cap,
1.4' High, Pile
of Stones

N89°57'48"W
2642.81' (Meas.)

Well location, HORSE BENCH FEDERAL #4-20D-12-17, located as shown in the NE 1/4 NE 1/4 of Section 19, T12S, R17E, S.L.B.&M., Carbon County, Utah.
BASIS OF ELEVATION

1909 Brass Cap,
1.0' High, Pile
of Stones

HORSE BENCH FEDERAL
#4-20D-12-17
Elev. Ungraded Ground = 6705'

N 1/4 Cor. Sec. 20
1909 Brass Cap,
2.3' High, Pile
of Stones

Target
Bottom
Hole

COTTON TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 31, T12S, R16E, S.L.B.&M. TAKEN FROM THE TWIN HOLLOW QUADRANGLE, UTAH, CARBON COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7386 FEET.

N00°11'57"W - 5302.21' (Meas.)

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S75°31'40"E	1281.58'

N00°08'23"E
2642.38' (Meas.)

19

1909 Brass Cap,
Boulder

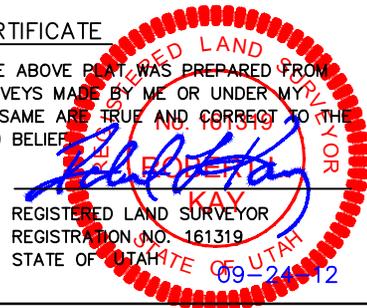
20



SCALE

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.



REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REVISED: 09-24-12

DISTANCE TABLE			
FROM	TO	BEARING	DISTANCE
#4-20D-12-17	GULLICKSON FED #1	S40°53'12"E	3656.14'

N00°03'W - 2640.00' (G.L.O.)

N89°54'W - 5144.70' (G.L.O.)

S89°57'W
5290.56' (G.L.O.)

R R
16 17
E E

BASIS OF BEARINGS

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

LEGEND:

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

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 39°45'52.89" (39.764692)	LATITUDE = 39°45'56.07" (39.765575)
LONGITUDE = 110°02'34.14" (110.042817)	LONGITUDE = 110°02'50.02" (110.047228)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 39°45'53.02" (39.764727)	LATITUDE = 39°45'56.20" (39.765611)
LONGITUDE = 110°02'31.60" (110.042112)	LONGITUDE = 110°02'47.48" (110.046522)
STATE PLANE NAD 27 N: 524690.36 E: 2409796.10	STATE PLANE NAD 27 N: 524991.90 E: 2408551.34

UINTAH ENGINEERING & LAND SURVEYING			
85 SOUTH 200 EAST - VERNAL, UTAH 84078			
(435) 789-1017			
SCALE 1" = 1000'	DATE SURVEYED: 09-11-12	DATE DRAWN: 09-18-12	
PARTY B.H. R.H. C.C.	REFERENCES G.L.O. PLAT		
WEATHER WARM	FILE BILL BARRETT CORPORATION		