

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 NBU 921-35N4CS		
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 NATURAL BUTTES		
4. TYPE OF WELL Gas Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME NATURAL BUTTES		
6. NAME OF OPERATOR KERR-MCGEE OIL & GAS ONSHORE, L.P.						7. OPERATOR PHONE 720 929-6007		
8. ADDRESS OF OPERATOR P.O. Box 173779, Denver, CO, 80217						9. OPERATOR E-MAIL Kathy.SchneebeckDulnoan@anadarko.com		
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UO 01194 ST			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" 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 checked="" type="checkbox"/> (Submit Commingling Application) NO <input 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		379 FSL 1773 FEL		SWSE	35	9.0 S	21.0 E	S
Top of Uppermost Producing Zone		51 FSL 2153 FWL		SESW	35	9.0 S	21.0 E	S
At Total Depth		51 FSL 2153 FWL		SESW	35	9.0 S	21.0 E	S
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 51			23. NUMBER OF ACRES IN DRILLING UNIT 1083		
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 617			26. PROPOSED DEPTH MD: 9881 TVD: 9654		
27. ELEVATION - GROUND LEVEL 5101			28. BOND NUMBER 22013542			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Permit #43-8496		
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 Danielle Piernot			TITLE Regulatory Analyst			PHONE 720 929-6156		
SIGNATURE			DATE 11/23/2010			EMAIL gnbregulatory@anadarko.com		
API NUMBER ASSIGNED 43047513880000			APPROVAL  Permit Manager					

T9S, R21E, S.L.B.&M.

WEST - 80.00 (G.L.O.)

N89°47'37"W - 2646.18' (Meas.)

N89°47'25"W - 2645.99' (Meas.)

Found Uintah County Aluminum Cap in Pile of Stones.

Found Uintah County Aluminum Cap in Pile of Stones.

Found 1" Aluminum Cap on 5/8" Rebar. Pile of Stones.

NBU 921-35N4CS (Surface Position)
 NAD 83 LATITUDE = 39.986298° (39° 59' 10.674")
 LONGITUDE = 109.515795° (109° 30' 56.863")
 NAD 27 LATITUDE = 39.986333° (39° 59' 10.800")
 LONGITUDE = 109.515108° (109° 30' 54.390")

NBU 921-35N4CS (Bottom Hole)
 NAD 83 LATITUDE = 39.985345° (39° 59' 07.241")
 LONGITUDE = 109.520654° (109° 31' 14.354")
 NAD 27 LATITUDE = 39.985380° (39° 59' 07.367")
 LONGITUDE = 109.519967° (109° 31' 11.880")

N00°21'17"W - 2645.28' (Meas.)

N00°03'41"W - 2641.51' (Meas.)

N00°12'59"E 2703.72' (Measured to C.C.)

2702.74' (Measured to True Corner)

Found Uintah County Surveyor 1 1/2" Aluminum Cap on 5/8" Rebar in Pile of Stones.

Found 1 1/2" Aluminum Cap on 5/8" Rebar in Pile of Stones.

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WELL LOCATION: NBU 921-35N4CS

ELEV. UNGRADED GROUND = 5100.6'

N00°00'34"E (Basis of Bearings)
 2612.15' (Measured) N00°03'E - 79.80 (G.L.O.)

LOT 4

LOT 3

LOT 2

LOT 1

Well Surface Position

Bottom of Hole

51'

Found 1977 Brass Cap

1773'

Found 1977 Brass Cap in Pile of Stones

Found 1977 Brass Cap

2579.41'

2.50 (G.L.O.) 164.44'

2501.71'

2153'

Found 1977 Brass Cap in Pile of Stones.

S89°07'53"W - 2666.15' (Meas.)
 S89°06'W - 40.39 (G.L.O.)

Found 1977 Brass Cap in Pile of Stones.

Found 1977 Brass Cap

144.58' 2.19 (G.L.O.)

S89°14'29"W - 2688.09' (Meas.)
 S89°12'W - 40.73 (G.L.O.)

Found 1977 Brass Cap

99.10' 1.51 (G.L.O.)
 2678.51' (Meas.)
 S89°06'03"W
 S89°06'W - 40.59 (G.L.O.)

NOTES:

▲ = Section Corners Located

- Well footages are measured at right angles to the Section Lines.
- G.L.O. distances are shown in feet or chains.
1 chain = 66 feet.
- The Bottom of hole bears S75°43'17"W 1405.46' from the Surface Position.
- Bearings are based on Global Positioning Satellite observations.
- Basis of elevation is Tri-Sta "Two Water" located in the NW 1/4 of Section 1, T10S, R21E, S.L.B.&M. The elevation of this Tri-Sta is shown on the Big Pack Mtn NE 7.5 Min. Quadrangle as being 5238'.



SURVEYOR'S 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.

No. 6028691
 JOHN R. SLAUCH
 PROFESSIONAL LAND SURVEYOR
 REGISTRATION No. 6028691
 STATE OF UTAH

Kerr-McGee Oil & Gas Onshore, LP
 1099 18th Street - Denver, Colorado 80202

WELL PAD: NBU 921-350

**NBU 921-35N4CS
 WELL PLAT**

**51' FSL, 2153' FWL (Bottom Hole)
 LOT 3 OF SECTION 35, T9S, R21E,
 S.L.B.&M., UINTAH COUNTY, UTAH.**



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 Fax 307-674-0182

TIMBERLINE

ENGINEERING & LAND SURVEYING, INC.
 209 NORTH 300 WEST - VERNAL, UTAH 84078

(435) 789-1365

DATE SURVEYED: 9-28-10	SURVEYED BY: M.S.B.	SHEET NO: 3
DATE DRAWN: 9-29-10	DRAWN BY: E.M.S.	
SCALE: 1" = 1000'	Date Last Revised:	3 OF 18