

| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING | | | | | | FORM 3 AMENDED REPORT <input checked="" type="checkbox"/> |
|---|-------------------|--|--|---|---|---|
| APPLICATION FOR PERMIT TO DRILL | | | | | | 1. WELL NAME and NUMBER NBU 921-3501BS |
| 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) ML 22582 | | | 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 | 407 FSL 1763 FEL | SWSE | 35 | 9.0 S | 21.0 E | S |
| Top of Uppermost Producing Zone | 1059 FSL 1833 FEL | SWSE | 35 | 9.0 S | 21.0 E | S |
| At Total Depth | 1059 FSL 1833 FEL | SWSE | 35 | 9.0 S | 21.0 E | S |
| 21. COUNTY UINTAH | | | 22. DISTANCE TO NEAREST LEASE LINE (Feet) 1059 | | 23. NUMBER OF ACRES IN DRILLING UNIT 321 | |
| | | | 25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 536 | | 26. PROPOSED DEPTH MD: 9718 TVD: 9640 | |
| 27. ELEVATION - GROUND LEVEL 5100 | | | 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 43047513870000 | |  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.

N00°21'17"W - 2645.28' (Meas.)

N00°03'W - 81.10 (G.L.O.)

N00°12'59"E 2703.72' (Measured to C.C.)
N00°00'34"E 2702.74' (Measured to True Corner)

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

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

N00°03'41"W - 2641.51' (Meas.)

N00°00'34"E (Basis of Bearings)

2612.15' (Measured) N00°03'E - 79.80 (G.L.O.)

NBU 921-3501BS (Surface Position)
NAD 83 LATITUDE = 39.986375° (39° 59' 10.952")
LONGITUDE = 109.515758° (109° 30' 56.729")
NAD 27 LATITUDE = 39.986410° (39° 59' 11.078")
LONGITUDE = 109.515071° (109° 30' 54.256")

NBU 921-3501BS (Bottom Hole)
NAD 83 LATITUDE = 39.988163° (39° 59' 17.386")
LONGITUDE = 109.516010° (109° 30' 57.636")
NAD 27 LATITUDE = 39.988198° (39° 59' 17.512")
LONGITUDE = 109.515323° (109° 30' 55.163")

**WELL LOCATION:
NBU 921-3501BS**
ELEV. UNGRADED GROUND = 5100.4'

LOT 4

LOT 3

LOT 1

LOT 2

Bottom of Hole

Well Surface Position

1833'

1059'

1763'

2.19 (G.L.O.)
144.58'

2501.71'

2543.51'

2579.41'

S89°07'53"W - 2666.15' (Meas.)

S89°06'W - 40.39 (G.L.O.)

S89°14'29"W - 2688.09' (Meas.)

S89°12'W - 40.73 (G.L.O.)

99.10' - 1.51 (G.L.O.)

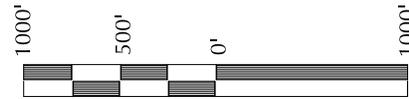
2678.51' (Meas.)

S89°06'03"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 N06°09'22"W 655.04' 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'.



SCALE
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.

Professional Surveyor Seal: No. 6028691, JOHN R SAUGH, 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 921-3501BS
WELL PLAT**

**1059' FSL, 1833' FEL (Bottom Hole)
LOT 2 OF SECTION 35, T9S, R21E,
S.L.B.&M., UTAH COUNTY, UTAH.**



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(435) 789-1365

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

| | | |
|---------------------------|---------------------|-----------------------|
| DATE SURVEYED: 9-28-10 | SURVEYED BY: M.S.B. | SHEET NO: 6 |
| DATE DRAWN: 9-29-10 | DRAWN BY: E.M.S. | |
| SCALE: 1" = 1000' | Date Last Revised: | 6 OF 18 |