FORM 3

AMENDED REPORT ☐

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

## APPLICATION FOR PERMIT TO DRILL

**1. WELL NAME and NUMBER**
NBU 921-29E4BS

**2. TYPE OF WORK**
DRILL NEW WELL ■ REENTER P&A WELL ☐ DEEPEN WELL ☐

**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**
720 929-6100

**8. ADDRESS OF OPERATOR**
P.O. Box 173779, Denver, CO, 80217

**9. OPERATOR E-MAIL**
Andy.Lytle@anadarko.com

**10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)**
UTU 0581

**11. MINERAL OWNERSHIP**
FEDERAL ■ INDIAN ☐ STATE ☐ FEE ☐

**12. SURFACE OWNERSHIP**
FEDERAL ■ INDIAN ☐ STATE ☐ FEE ☐

**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 ■ (Submit Commingling Application) NO ☐

**19. SLANT**
VERTICAL ☐ DIRECTIONAL ■ HORIZONTAL ☐

| 20. LOCATION OF WELL | FOOTAGES | QTR-QTR | SECTION | TOWNSHIP | RANGE | MERIDIAN |
|---|---|---|---|---|---|---|
| LOCATION AT SURFACE | 1990 FNL 768 FWL | SWNW | 29 | 9.0 S | 21.0 E | S |
| Top of Uppermost Producing Zone | 2210 FNL 820 FWL | SWNW | 29 | 9.0 S | 21.0 E | S |
| At Total Depth | 2210 FNL 820 FWL | SWNW | 29 | 9.0 S | 21.0 E | S |

**21. COUNTY**
UINTAH

**22. DISTANCE TO NEAREST LEASE LINE (Feet)**
2210

**23. NUMBER OF ACRES IN DRILLING UNIT**
2400

**25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)**
233

**26. PROPOSED DEPTH**
MD: 11241 TVD: 11233

**27. ELEVATION - GROUND LEVEL**
4913

**28. BOND NUMBER**
WYB000291

**29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE**
43-8496

### Hole, Casing, and Cement Information

| String | Hole Size | Casing Size | Length | Weight | Grade & Thread | Max Mud Wt. | Cement | Sacks | Yield | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| Surf | 11 | 8.625 | 0 - 2830 | 28.0 | J-55 LT&C | 0.2 | Type V | 180 | 1.15 | 15.8 |
| | | | | | | | Class G | 270 | 1.15 | 15.8 |
| Prod | 7.875 | 4.5 | 0 - 11241 | 11.6 | HCP-110 LT&C | 12.5 | Premium Lite High Strength | 350 | 3.38 | 12.0 |
| | | | | | | | 50/50 Poz | 1610 | 1.31 | 14.3 |

### ATTACHMENTS

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

- ✔ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ✔ COMPLETE DRILLING PLAN
- ☐ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)
- ☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
- ✔ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)
- ✔ TOPOGRAPHICAL MAP

**NAME** Joel Malefyt | **TITLE** Regualtory Analyst | **PHONE** 720 929-6828

**SIGNATURE** | **DATE** 11/17/2014 | **EMAIL** joel.malefyt@anadarko.com

**API NUMBER ASSIGNED**
43047549540000

**APPROVAL**

Permit Manager

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

N89°59.4'W - 40.011 (G.L.O.)
N89°54'43"W - 2640.77' (Meas.)

S89°51.2'W - 39.942 (G.L.O.)
S89°55'12"W - 2636.26' (Meas.)

Found 2006 Aluminum Cap in Pile of Stones.

Found 2006 Aluminum Cap in Pile of Stones.

Found 2006 Aluminum Cap in Pile of Stones.

N0°07.5'W 40.060 (G.L.O.)
2644.06' (Measured)
**N00°02'51"W (Basis of Bearings)**

N00°14'35"W - 2653.89' (Meas.)
N0°18.6'W 40.211 (G.L.O.)

1990'
2210'

Well Surface Position
768'
820'
Bottom of Hole

**WELL LOCATION:**
**NBU 921-29E4BS**
ELEV. UNGRADED GROUND = 4913.7'

Found 2006 Aluminum Cap with single stone.

**29**

Found 2006 Aluminum Cap, Pile of Stones.

N0°10.6'W - 40.096 (G.L.O.)
N00°05'50"W - 2646.33' (Meas.)

NBU 921-29E4BS (Surface Position)
NAD 83 LATITUDE = 40.008792° (40° 00' 31.652"N)
LONGITUDE = 109.582232° (109° 34' 56.036"W)
NAD 27 LATITUDE = 40.008828° (40° 00' 31.779"N)
LONGITUDE = 109.581543° (109° 34' 53.553"W)

NBU 921-29E4BS (Bottom Hole)
NAD 83 LATITUDE = 40.008188° (40° 00' 29.477"N)
LONGITUDE = 109.582046° (109° 34' 55.366"W)
NAD 27 LATITUDE = 40.008223° (40° 00' 29.604"N)
LONGITUDE = 109.581356° (109° 34' 52.883"W)

N00°06'46"E - 2640.50' (Meas.)
N0°02.8'E 40.006 (G.L.O.)

Found 2006 Aluminum Cap in Pile of Stones.

Found 2006 Aluminum Cap in Pile of Stones.

Found 2006 Aluminum Cap in Pile of Stones..

N89°59'04"W - 2641.52' (Meas.)
S89°56.5'W - 40.021 (G.L.O.)

N89°55'16"W - 2634.89' (Meas.)
N89°59.4'W - 39.922 (G.L.O.)

NOTES:

▲ = Section Corners Located

1. Well footages are measured at right angles to the Section Lines. G.L.O. distances are shown in feet or chains.
2. 1 chain = 66 feet.
3. The Bottom of hole bears S13°14'59"E 226.21' from the Surface Position.
4. NAD 83 Latitude & Longitude are (CORS 96)(EPOCH:2002).
5. Bearings and Distances are based upon a Local Cartesian Grid, oriented to Geodetic North at the North 1/4 Corner of Section 8, T10S, R22E, S.L.B.&M. The Grid having a mean project height of 5300'. Lineal units used are U.S. Survey Foot.
6. Basis of elevation is Tri-Sta "Two Water" located in Lot 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'.

N

1000' 500' 0' 1000'
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.

5-16-14

PROFESSIONAL LAND SURVEYOR No.6028691 JOHN R LAUGHLIN STATE OF UTAH

PROFESSIONAL LAND SURVEYOR
REGISTRATION No. 6028691
STATE OF UTAH

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

**WELL PAD - NBU 921-29E**

**NBU 921-29E4BS**
**WELL PLAT**
**2210' FNL, 820' FWL (Bottom Hole)**
**SW ¼ NW ¼ OF SECTION 29, T9S, R21E, S.L.B.&M., UINTAH COUNTY, UTAH.**

609 CONSULTING, LLC
2155 North Main Street
Sheridan, WY 82801
Phone 307-674-0609
Fax 307-674-0182

TIMBERLINE
ENGINEERING & LAND SURVEYING, INC.
209 NORTH 300 WEST - VERNAL, UTAH 84078
(435) 789-1365

| | | |
|---|---|---|
| DATE SURVEYED: 4-2-14 | SURVEYED BY: J.W. | SHEET NO: |
| DATE DRAWN: 4-11-14 | DRAWN BY: J.G.C. | 5 |
| SCALE: 1" = 1000' | Date Last Revised: | 5 OF 18 |