

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

FORM 3

AMENDED REPORT

|  |   |   |
|--|---|---|
| <b>APPLICATION FOR PERMIT TO DRILL</b>   |   | <b>1. WELL NAME and NUMBER</b><br>NBU 1022-5B4BS  |
| <b>2. TYPE OF WORK</b><br>DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>                |   | <b>3. FIELD OR WILDCAT</b><br>NATURAL BUTTES  |
| <b>4. TYPE OF WELL</b><br>Gas Well Coalbed Methane Well: NO  |   | <b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b><br>NATURAL BUTTES  |
| <b>6. NAME OF OPERATOR</b><br>KERR-MCGEE OIL & GAS ONSHORE, L.P.   |   | <b>7. OPERATOR PHONE</b><br>720 929-6515  |
| <b>8. ADDRESS OF OPERATOR</b><br>P.O. Box 173779, Denver, CO, 80217  |   | <b>9. OPERATOR E-MAIL</b><br>julie.jacobson@anadarko.com  |
| <b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b><br>UTU-01191-A   | <b>11. MINERAL OWNERSHIP</b><br>FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> |   |
| <b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b>   |   | <b>12. SURFACE OWNERSHIP</b><br>FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> |
| <b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>  |   | <b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>  |
| <b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>  |   | <b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>   |
| <b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b><br>YES <input checked="" type="checkbox"/> (Submit Commingling Application) NO <input type="checkbox"/> |   | <b>19. SLANT</b><br>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             | 1075 FNL 1923 FEL | NWNE    | 5       | 10.0 S   | 22.0 E | S        |
| Top of Uppermost Producing Zone | 921 FNL 1811 FEL  | NWNE    | 5       | 10.0 S   | 22.0 E | S        |
| At Total Depth                  | 921 FNL 1811 FEL  | NWNE    | 5       | 10.0 S   | 22.0 E | S        |

|   |   |   |
|---|---|---|
| <b>21. COUNTY</b><br>UINTAH                 | <b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b><br>839                                     | <b>23. NUMBER OF ACRES IN DRILLING UNIT</b><br>1363   |
| <b>27. ELEVATION - GROUND LEVEL</b><br>5152 | <b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b><br>131 | <b>26. PROPOSED DEPTH</b><br>MD: 10286 TVD: 10282   |
|   | <b>28. BOND NUMBER</b><br>WYB000291   | <b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b><br>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 - 2550  | 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 - 10286 | 11.6   | HCP-110 LT&C   | 12.5        | Premium Lite High Strength | 310   | 3.38  | 12.0   |
|        |           |             |           |        |                |             | 50/50 Poz                  | 1490  | 1.31  | 14.3   |

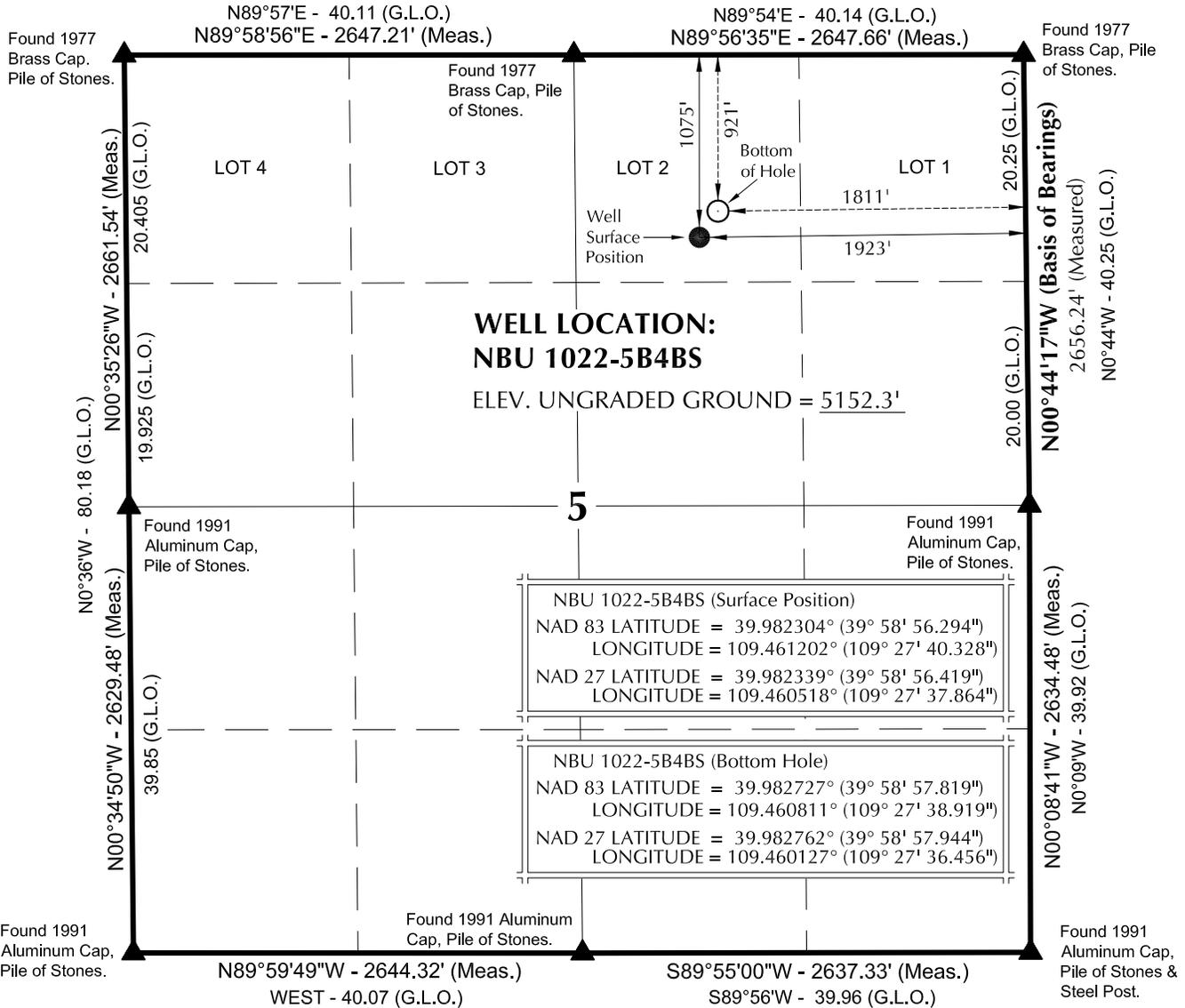
**ATTACHMENTS**

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                      |

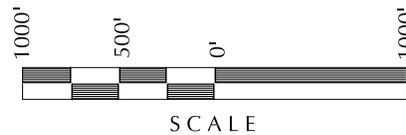
|  |  |                                       |
|--|--|---------------------------------------|
| <b>NAME</b> Gina Becker                      | <b>TITLE</b> Regulatory Analyst II   | <b>PHONE</b> 720 929-6086             |
| <b>SIGNATURE</b>                             | <b>DATE</b> 02/06/2013   | <b>EMAIL</b> gina.becker@anadarko.com |
| <b>API NUMBER ASSIGNED</b><br>43047535860000 | <b>APPROVAL</b><br><br><br>Permit Manager |                                       |

# T10S, R22E, S.L.B.&M.



**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 N35°23'38"E 189.34' 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, R22E, 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.

*John R. Haugh*  
 PROFESSIONAL LAND SURVEYOR  
 REGISTRATION No. 6028691  
 STATE OF UTAH

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

**WELL PAD: NBU 1022-5B**

**NBU 1022-5B4BS  
 WELL PLAT**

**921' FNL, 1811' FEL (Bottom Hole)  
 LOT 2 OF SECTION 5, T10S, R22E,  
 S.L.B.&M., UINTAH COUNTY, UTAH.**



**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

|                           |                   |                       |
|---------------------------|-------------------|-----------------------|
| DATE SURVEYED:<br>8-23-12 | SURVEYED BY: J.W. | SHEET NO:<br><b>1</b> |
| DATE DRAWN:<br>8-23-12    | DRAWN BY: J.G.C.  |                       |
| SCALE: 1" = 1000'         |                   | 1 OF 17               |