

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 920-22M4BS | |
| 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 307-752-1169 | |
| 8. ADDRESS OF OPERATOR P.O. Box 173779, Denver, CO, 80217 | | | | | | 9. OPERATOR E-MAIL Laura.Gianakos@anadarko.com | |
| 10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU 0577A | | | 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 type="checkbox"/> INDIAN <input checked="" 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') Ute Tribe | | | 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 | 1173 FSL 2388 FWL | SESW | 22 | 9.0 S | 20.0 E | S | |
| Top of Uppermost Producing Zone | 545 FSL 900 FWL | SWSW | 22 | 9.0 S | 20.0 E | S | |
| At Total Depth | 545 FSL 900 FWL | SWSW | 22 | 9.0 S | 20.0 E | S | |
| 21. COUNTY UINTAH | | | 22. DISTANCE TO NEAREST LEASE LINE (Feet) 545 | | | 23. NUMBER OF ACRES IN DRILLING UNIT 2091 | |
| | | | 25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 469 | | | 26. PROPOSED DEPTH MD: 10996 TVD: 10703 | |
| 27. ELEVATION - GROUND LEVEL 4945 | | | 28. BOND NUMBER WYB000291 | | | 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 03/30/2010 | | | EMAIL gnbregulatory@anadarko.com | |
| API NUMBER ASSIGNED 43047510420000 | | | APPROVAL  Permit Manager | | | | |

T9S, R20E, S.L.B.&M.

Found 1968
Brass Cap in
Pile of Stones

S89°03'W - 40.19 (G.L.O.)
S89°05'54"W - 2650.93' (Meas.)

N89°09'W - 39.86 (G.L.O.)
N89°06'15"W - 2631.05' (Meas.)

Found 1968
Brass Cap with 2
Stones.

Found 1968
Brass Cap with
Pile of Stones.

NBU 920-22M4BS (Surface Position)
NAD 83 LATITUDE = 40.016662° (40° 00' 59.984")
LONGITUDE = 109.653603° (109° 39' 12.970")
NAD 27 LATITUDE = 40.016698° (40° 01' 00.111")
LONGITUDE = 109.652910° (109° 39' 10.477")

NBU 920-22M4BS (Bottom Hole)
NAD 83 LATITUDE = 40.014864° (40° 00' 53.511")
LONGITUDE = 109.658867° (109° 39' 31.921")
NAD 27 LATITUDE = 40.014900° (40° 00' 53.638")
LONGITUDE = 109.658174° (109° 39' 29.427")

Found 1968
Brass Cap, Pile
of Stones

Found 1968
Brass Cap in Pile
of Stones

22

**WELL LOCATION:
NBU 920-22M4BS**

ELEV. UNGRADED GROUND = 4945.4'

2686.67' (Measured)
N1°14'W - 81.42 (G.L.O.)

N01°10'13"W (Basis of Bearings)

Found 1968
Brass Cap in
Pile of Stones

S88°57'12"W - 2674.69' (Meas.)

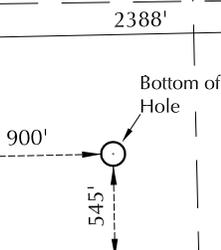
S89°02'W - 81.06 (G.L.O.)

S89°04'39"W - 2675.39' (Meas.)

N1°58'W - 80.02 (G.L.O.)

N01°53'58"W - 2643.40' (Meas.)

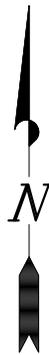
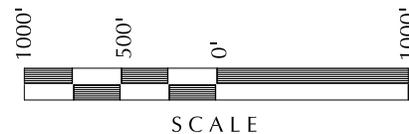
Found 1968 Brass
Cap near S-E
Fence Corner



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 S66°04'10"W 1613.77' from the Surface Position.
- Bearings are based on Global Positioning Satellite observations.
- Basis of elevation is Tri-Sta "Two Water" located in the NW ¼ 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.

Kolby R. Kay
REG. LAND SURVEYOR
No. 362251
KOLBY R. KAY
REGISTRATION DATE 07-07-09
STATE OF UTAH

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

WELL PAD - NBU 920-22N

**NBU 920-22M4BS
WELL PLAT**

**545' FSL, 900' FWL (Bottom Hole)
SW ¼ SW ¼ OF SECTION 22, T9S, R20E,
S.L.B.&M., UTAH COUNTY, UTAH.**



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Sheridan WY 82801
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Fax 307-674-0182

TIMBERLINE

(435) 789-1365

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

| | | |
|----------------------------|---------------------------------------|-----------------------|
| DATE SURVEYED: 07-01-09 | SURVEYED BY: M.S.B. | SHEET NO: 4 |
| DATE DRAWN: 07-07-09 | DRAWN BY: M.W.W. | |
| SCALE: 1" = 1000' | Date Last Revised: 11-30-09 E.M.S. | 4 OF 14 |