

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 1022-11M4CS	
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 <input type="checkbox"/> Coalbed Methane Well: NO <input type="checkbox"/>						5. UNIT or COMMUNITIZATION AGREEMENT NAME NATURAL BUTTES	
6. NAME OF OPERATOR KERR-MCGEE OIL & GAS ONSHORE, L.P.						7. OPERATOR PHONE 720 929-6587	
8. ADDRESS OF OPERATOR P.O. Box 173779, Denver, CO, 80217						9. OPERATOR E-MAIL mary.mondragon@anadarko.com	
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UO 01197A			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	297 FSL 468 FWL	SWSW	11	10.0 S	22.0 E	S	
Top of Uppermost Producing Zone	5 FSL 665 FWL	SWSW	11	10.0 S	22.0 E	S	
At Total Depth	5 FSL 665 FWL	SWSW	11	10.0 S	22.0 E	S	
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 5			23. NUMBER OF ACRES IN DRILLING UNIT 1674	
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 500			26. PROPOSED DEPTH MD: 8645 TVD: 8600	
27. ELEVATION - GROUND LEVEL 5180			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 Kathy Schneebeck-Dulnoan			TITLE Staff Regulatory Analyst			PHONE 720 929-6007	
SIGNATURE			DATE 11/07/2008			EMAIL Kathy.SchneebeckDulnoan@anadarko.com	
API NUMBER ASSIGNED 43047502220000			APPROVAL  Permit Manager				

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

Found 1991
Aluminum Cap,
Steel Post &
Pile of Stones.

ALLOTMENT No.265
No.16 ATCHIE

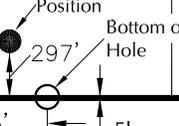
W.C. $\frac{1}{4}$ N89°59'E
6.02 (G.L.O.)

S89°59'W 80.04 (G.L.O.)

20.005 (G.L.O.)
N00°08'03"W - 2640.57' (Meas.)
20.005 (G.L.O.)

2640.39' (Measured)
N00°06'14"W (Basis of Bearings)
40.01 (G.L.O.)

Found 1991
Aluminum Cap
on 3/4" Rebar,
Pile of Stones.



N89°59'34"W - 2633.26' (Meas.)

NBU 1022-11M4CS (Surface Position)
NAD 83 LATITUDE = 39.957033° (39° 57' 25.320")
LONGITUDE = 109.414959° (109° 24' 53.853")
NAD 27 LATITUDE = 39.957068° (39° 57' 25.443")
LONGITUDE = 109.414278° (109° 24' 51.399")

NBU 1022-11M4CS (Bottom Hole)
NAD 83 LATITUDE = 39.956232° (39° 57' 22.435")
LONGITUDE = 109.414257° (109° 24' 51.325")
NAD 27 LATITUDE = 39.956266° (39° 57' 22.559")
LONGITUDE = 109.413575° (109° 24' 48.871")

WELL LOCATION: NBU 1022-11M4CS

ELEV. UNGRADED GROUND = 5180.2'

11

N0°06'W - 80.02 (G.L.O.)

N0°01'W (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 S34°01'46"E 352.18' from the Surface Position.
- Bearings are based on Global Positioning Satellite observations.
- Basis of elevation is Tri-Sta "Two Water" located in the NW $\frac{1}{4}$ 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'.

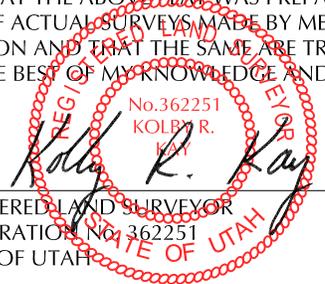


SCALE



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.



REGISTERED LAND SURVEYOR
REGISTRATION No. 362251
STATE OF UTAH

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

Well Pad: NBU 1022-11M

**NBU 1022-11M4CS
WELL PLAT**

5' FSL, 665' FWL (Bottom Hole)

**SW $\frac{1}{4}$ SW $\frac{1}{4}$ OF SECTION 11, T10S, R22E,
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: 05-18-09	SURVEYED BY: M.S.B.	SHEET NO: 1 1 OF 13
DATE DRAWN: 05-19-09	DRAWN BY: E.M.S.	
SCALE: 1" = 1000'	Date Last Revised: 08-06-09	