

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 921-27A3CS	
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 720 929-6587	
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 1194A			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	450 FNL 1158 FEL		NENE	27	9.0 S	21.0 E	S
Top of Uppermost Producing Zone	1105 FNL 1246 FEL		NENE	27	9.0 S	21.0 E	S
At Total Depth	1105 FNL 1246 FEL		NENE	27	9.0 S	21.0 E	S
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 1105			23. NUMBER OF ACRES IN DRILLING UNIT 1292	
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 388			26. PROPOSED DEPTH MD: 9988 TVD: 9904	
27. ELEVATION - GROUND LEVEL 4909			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 10/22/2009			EMAIL danielle.piernot@anadarko.com	
API NUMBER ASSIGNED 43047507990000			APPROVAL  Permit Manager				

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

Found 2006 Aluminum Cap in Pile of Stones, near E/W Fence

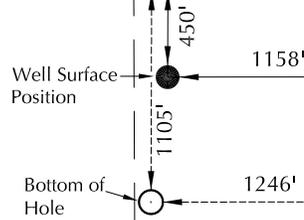
N89°46.5"W - 39.942 (G.L.O.)
N89°43'14"W - 2636.24' (Meas.)

N89°52.1"W - 40.461 (G.L.O.)
N89°49'27"W - 2670.41' (Meas.)

Found 2006 Aluminum Cap in Pile of Stones Under E/W Fence

N00°16.1"W - 40.074 (G.L.O.)
N00°12'54"W - 2645.06' (Meas.)

Found 2006 Aluminum Cap with Stone Under E/W Fence



N00°03'25"W (Basis of Bearings)
N00°01"W (G.L.O.) 2644.00' (Measured)

WELL LOCATION: NBU 921-27A3CS

ELEV. UNGRADED GROUND = 4908.7'

27

Found 2006 Aluminum Cap, Pile of Stones

Found Uintah County Aluminum Cap in Pile of Stones.

N00°26.6"W - 40.361 (G.L.O.)
N00°23'21"W - 2663.81' (Meas.)

NBU 921-27A3CS (Surface Position)	
NAD 83 LATITUDE =	40.013066° (40° 00' 47.036")
LONGITUDE =	109.532550° (109° 31' 57.178")
NAD 27 LATITUDE =	40.013101° (40° 00' 47.163")
LONGITUDE =	109.531862° (109° 31' 54.702")

NBU 921-27A3CS (Bottom Hole)	
NAD 83 LATITUDE =	40.011269° (40° 00' 40.568")
LONGITUDE =	109.532858° (109° 31' 58.289")
NAD 27 LATITUDE =	40.011304° (40° 00' 40.695")
LONGITUDE =	109.532170° (109° 31' 55.813")

Found Uintah County Aluminum Cap in Pile of Stones.

N00°08'23"W - 2641.52' (Meas.)
N00°01"W (G.L.O.)

Found 2006 Aluminum Cap with a Set Stone

S89°59'25"W - 2642.04' (Meas.)

S89°57'41"W - 2645.61' (Meas.)

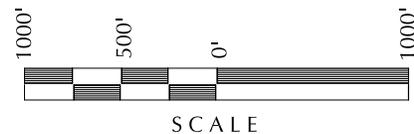
WEST - 80.00 (G.L.O.)

Found Uintah County Aluminum Cap in Pile of Stones.

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 S07°34'07"W 660.36' 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.

Kelby R. Kay
 REGISTERED LAND SURVEYOR
 REGISTRATION No. 362251
 STATE OF UTAH

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

WELL PAD - NBU 921-27A

**NBU 921-27A3CS
 WELL PLAT**

**1105' FNL, 1246' FEL (Bottom Hole)
 NE ¼ NE ¼ OF SECTION 27, T9S, R21E,
 S.L.B.&M., UTAH COUNTY, UTAH.**



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 371 Coffeen Avenue
 Sheridan WY 82801
 Phone 307-674-0609
 Fax 307-674-0182

TIMBERLINE

(435) 789-1365

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

DATE SURVEYED: 10-13-09	SURVEYED BY: M.S.B.	SHEET NO: 3
DATE DRAWN: 10-15-09	DRAWN BY: M.W.W.	
SCALE: 1" = 1000'		3 OF 18