

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 921-27F4DS	
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) UO 1194A ST			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	2206 FNL 2065 FWL	SE	27	9.0 S	21.0 E	S	
Top of Uppermost Producing Zone	2467 FNL 2440 FWL	SE	27	9.0 S	21.0 E	S	
At Total Depth	2467 FNL 2440 FWL	SE	27	9.0 S	21.0 E	S	
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 2440			23. NUMBER OF ACRES IN DRILLING UNIT 1292	
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 853			26. PROPOSED DEPTH MD: 10027 TVD: 9963	
27. ELEVATION - GROUND LEVEL 4978			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 12/31/2009			EMAIL gnbregulatory@anadarko.com	
API NUMBER ASSIGNED 43047508760000			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.)
2645.06' (Measured)
N00°12'54"W (Basis of Bearings)

N00°26.6"W - 40,361 (G.L.O.)
N00°23'21"W - 2663.81' (Meas.)

N00°03'25"W - 2644.00' (Meas.)
N00°01"W (G.L.O.)

N00°08'23"W - 2641.52' (Meas.)

S89°59'25"W - 2642.04' (Meas.)
WEST - 80.00 (G.L.O.)

S89°57'41"W - 2645.61' (Meas.)

Found Uintah County Aluminum Cap in Pile of Stones.

WELL LOCATION: NBU 921-27F4DS

ELEV. UNGRADED GROUND = 4977.6'

Well Surface Position

Bottom of Hole

27

Found 2006 Aluminum Cap, Pile of Stones

Found Uintah County Aluminum Cap in Pile of Stones.

NBU 921-27F4DS (Surface Position)
NAD 83 LATITUDE = 40.008264° (40° 00' 29.749")
LONGITUDE = 109.539952° (109° 32' 23.828")
NAD 27 LATITUDE = 40.008299° (40° 00' 29.875")
LONGITUDE = 109.539264° (109° 32' 21.351")

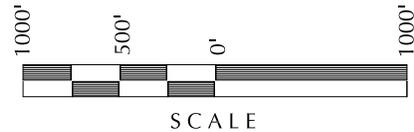
NBU 921-27F4DS (Bottom Hole)
NAD 83 LATITUDE = 40.007542° (40° 00' 27.151")
LONGITUDE = 109.538609° (109° 32' 18.991")
NAD 27 LATITUDE = 40.007577° (40° 00' 27.277")
LONGITUDE = 109.537921° (109° 32' 16.514")

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 S55°01'00"E 459.21' 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.

REGISTERED LAND SURVEYOR
No. 362251
KOLBY R. KAY
STATE OF UTAH

REGISTERED LAND SURVEYOR
REGISTRATION NO. 362251
STATE OF UTAH

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

Well Pad: NBU 921-27F

**NBU 921-27F4DS
WELL PLAT**

**2467' FNL, 2440' FWL (Bottom Hole)
SE ¼ NW ¼ OF SECTION 27, T9S, R21E,
S.L.B.&M., UINTAH COUNTY, UTAH.**

CONSULTING, LLC
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: 10-15-09	SURVEYED BY: M.S.B.	SHEET NO: 1
DATE DRAWN: 10-19-09	DRAWN BY: K.H.G.	
SCALE: 1" = 1000'	Date Last Revised: 11-10-09 E.M.S.	1 OF 16