

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 920-22L4CS	
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 0577B			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	1222 FSL 2422 FWL	SESW	22	9.0 S	20.0 E	S	
Top of Uppermost Producing Zone	1534 FSL 908 FWL	NWSW	22	9.0 S	20.0 E	S	
At Total Depth	1534 FSL 908 FWL	NWSW	22	9.0 S	20.0 E	S	
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 908			23. NUMBER OF ACRES IN DRILLING UNIT 400	
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 706			26. PROPOSED DEPTH MD: 11007 TVD: 10741	
27. ELEVATION - GROUND LEVEL 4947			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 43047510400000	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 920-22L4CS (Surface Position)
NAD 83 LATITUDE = 40.016800° (40° 01' 00.481")
LONGITUDE = 109.653486° (109° 39' 12.549")
NAD 27 LATITUDE = 40.016836° (40° 01' 00.608")
LONGITUDE = 109.652794° (109° 39' 10.057")

NBU 920-22L4CS (Bottom Hole)
NAD 83 LATITUDE = 40.017578° (40° 01' 03.282")
LONGITUDE = 109.658912° (109° 39' 32.083")
NAD 27 LATITUDE = 40.017614° (40° 01' 03.409")
LONGITUDE = 109.658219° (109° 39' 29.589")

Found 1968
Brass Cap, Pile
of Stones

Found 1968
Brass Cap in Pile
of Stones

22

**WELL LOCATION:
NBU 920-22L4CS**

ELEV. UNGRADED GROUND = 4947.3'

2686.67' (Measured)
N1°14'W - 81.42 (G.L.O.)
N01°08'29"W - 2686.71' (Meas.)
N01°10'13"W (Basis of Bearings)

N01°55'32"W - 2640.47' (Meas.)
N1°58'W - 80.02 (G.L.O.)
N01°53'58"W - 2643.40' (Meas.)

Found 1968
Brass Cap in
Pile of Stones

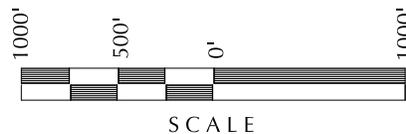
S88°57'12"W - 2674.69' (Meas.)
S89°02'W - 81.06 (G.L.O.)

S89°04'39"W - 2675.39' (Meas.)
S89°02'W - 81.06 (G.L.O.)

Found 1968 Brass
Cap near S-E
Fence Corner

NOTES:

- ▲ = Section Corners Located
- 1. Well footages are measured at right angles to the Section Lines.
- 2. G.L.O. distances are shown in feet or chains.
1 chain = 66 feet.
- 3. The Bottom of hole bears N79°24'49"W 1546.32' from the Surface Position.
- 4. Bearings are based on Global Positioning Satellite observations.
- 5. 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
STATE OF UTAH

REGISTERED LAND SURVEYOR
REGISTRATION NO. 362251
STATE OF UTAH

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



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

WELL PAD - NBU 920-22N

**NBU 920-22L4CS
WELL PLAT**

1534' FSL, 908' FWL (Bottom Hole)

**NW ¼ SW ¼ OF SECTION 22, T9S, R20E,
S.L.B.&M., UTAH COUNTY, UTAH.**