

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 921-25C MW2
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 Test 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 720 929-6515
8. ADDRESS OF OPERATOR P.O. Box 173779, Denver, CO, 80217		9. OPERATOR E-MAIL julie.jacobson@anadarko.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UO 01189 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 type="checkbox"/> (Submit Commingling Application) NO <input checked="" 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	787 FNL 907 FWL	NWNW	25	9.0 S	21.0 E	S
Top of Uppermost Producing Zone	282 FNL 1335 FWL	NENW	25	9.0 S	21.0 E	S
At Total Depth	282 FNL 1335 FWL	NENW	25	9.0 S	21.0 E	S

21. COUNTY UINTAH	22. DISTANCE TO NEAREST LEASE LINE (Feet) 282	23. NUMBER OF ACRES IN DRILLING UNIT 240
25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 635	26. PROPOSED DEPTH MD: 10827 TVD: 10750	
27. ELEVATION - GROUND LEVEL 4941	28. BOND NUMBER 22013542	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Permit #43-8496

Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Surf	11	8.625	7350 - 2650	28.0	J-55 LT&C	8.4	Type V	180	1.15	15.8
							Class G	270	1.15	15.8
Prod	7.875	4.5	0 - 7350	11.6	I-80 LT&C	12.5	None	0	0.0	0.0
							None	0	0.0	0.0
L1	7.875	3.5	7350 - 10827	9.3	L-80 LT&C	12.5	Premium Lite High Strength	320	3.38	11.0
							50/50 Poz	1920	1.31	14.3

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 Andy Lytle	TITLE Regulatory Analyst	PHONE 720 929-6100
SIGNATURE	DATE 04/28/2011	EMAIL andrew.lytle@anadarko.com
API NUMBER ASSIGNED 43047515680000	APPROVAL  Permit Manager	

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

Found 2006 Aluminum Cap, Pile of Stones.

S89°47.1'W - 39.951 (G.L.O.)
S89°48'41"W - 2636.93' (Meas.)

N89°45.6'W - 40.017 (G.L.O.)
N89°44'20"W - 2641.16' (Meas.)

Found 1977 Brass Cap. Pile of Stones.

N00°04'14"W (Basis of Bearings)
2637.48' (Measured)
N0°01'1"W (G.L.O.)

N00°05'10"W - 2643.59' (Meas.)
N0°10'W - 40.06 (G.L.O.)

Found 1977 Brass Cap. Pile of Stones.

N00°03'18"W - 2639.74' (Meas.)
N0°03'W - 39.98 (G.L.O.)

Found 1977 Brass Cap. Pile of Stones.

N89°55'26"W - 2639.89' (Meas.)

N89°56'39"W - 2639.91' (Meas.)

WEST - 80.00 (G.L.O.)

N00°01'58"W - 2643.12' (Meas.)

Found 1" Aluminum Cap on 5/8" Rebar. Pile of Stones.

Found 1" Aluminum Cap on 5/8" Rebar. Pile of Stones.

Found 2006 Aluminum Cap under E/W Fence

Found 1" Aluminum Cap on 5/8" Rebar, with a Stone on East side of Cap.

WELL LOCATION: NBU 921-25C MW2

ELEV. UNGRADED GROUND = 4941.8'

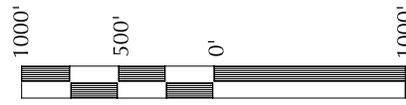
25

NBU 921-25C MW2 (Surface Position)	
NAD 83 LATITUDE = 40.012087° (40° 00' 43.514")	LONGITUDE = 109.506271° (109° 30' 22.574")
NAD 27 LATITUDE = 40.012122° (40° 00' 43.640")	LONGITUDE = 109.505584° (109° 30' 20.101")
NBU 921-25C MW2 (Bottom Hole)	
NAD 83 LATITUDE = 40.013476° (40° 00' 48.515")	LONGITUDE = 109.504747° (109° 30' 17.090")
NAD 27 LATITUDE = 40.013511° (40° 00' 48.641")	LONGITUDE = 109.504060° (109° 30' 14.617")

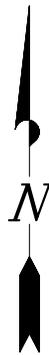
NOTES:

▲ = 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 N40°10'00"E - 662.10' 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'.



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.

John R. Laugh
No. 6028691
JOHN R. LAUGH
PROFESSIONAL LAND SURVEYOR
REGISTRATION No. 6028691
STATE OF UTAH 3-23-11

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

WELL PAD: NBU 921-25D

**NBU 921-25C MW2
WELL PLAT**

**282' FNL, 1335' FWL (Bottom Hole)
NE ¼ NW ¼ OF SECTION 25, T9S, R21E,
S.L.B.&M., UTAH COUNTY, UTAH.**



CONSULTING, LLC
2155 North Main Street
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: 03-17-11	SURVEYED BY: M.S.B.	SHEET NO: 1 1 OF 12
DATE DRAWN: 03-18-11	DRAWN BY: K.H.G.	
SCALE: 1" = 1000'		
Date Last Revised:		