

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 MU 921-210
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 Oil Well Coalbed Methane Well: NO		5. UNIT or COMMUNITIZATION AGREEMENT NAME MAVERICK
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) UTU0576	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 type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>		19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	966 FSL 1481 FEL	SWSE	21	9.0 S	21.0 E	S
Top of Uppermost Producing Zone	966 FSL 1481 FEL	SWSE	21	9.0 S	21.0 E	S
At Total Depth	966 FSL 1481 FEL	SWSE	21	9.0 S	21.0 E	S

21. COUNTY UINTAH	22. DISTANCE TO NEAREST LEASE LINE (Feet) 1481	23. NUMBER OF ACRES IN DRILLING UNIT 1480
24. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 90	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 90	26. PROPOSED DEPTH MD: 5033 TVD: 5033
27. ELEVATION - GROUND LEVEL 4897	28. BOND NUMBER WYB000291	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 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	0 - 2840	28.0	J-55 LT&C	0.2	Type V	180	1.15	15.8
							Class G	270	1.15	15.8
PROD	7.875	4.5	0 - 5033	11.6	I-80 Buttress	8.3	Premium Lite High Strength	160	3.38	12.0
							50/50 Poz	640	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 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 03/04/2013	EMAIL danielle.piernot@anadarko.com
API NUMBER ASSIGNED 43047536670000	APPROVAL  Permit Manager	

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

S89°57.0'W - 40.068 (G.L.O.) Found 2006 Aluminum Cap in Pile of Stones. S89°49.9'W - 40.014 (G.L.O.)
 N89°59'14"W - 2644.69' (Meas.) N89°53'16"W - 2640.91' (Meas.)

Found 2006 Aluminum Cap with Set Stone North of Cap.

Found 2006 Aluminum Cap Near Fence Post.

N0°04.6'W - 40.429 (G.L.O.)
 N00°00'48"W - 2668.44' (Meas.)

N00°03'12"E - 2646.31' (Meas.)
 N0°00.1'W - 40.094 (G.L.O.)

MU 921-210 (Proposed Well)
 NAD 83 LATITUDE = 40.017014° (40° 01' 01.250")
 LONGITUDE = 109.552623° (109° 33' 09.444")
 NAD 27 LATITUDE = 40.017049° (40° 01' 01.377")
 LONGITUDE = 109.551935° (109° 33' 06.964")

Found 2006 Aluminum Cap in Pile of Stones.

Found 2006 Aluminum Cap in Pile of Stones.

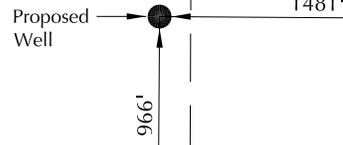
N0°01.7'W - 39.953 (G.L.O.)
 N00°02'18"E - 2636.94' (Meas.)

N00°23'09"E (Basis of Bearings)
 2644.33' (Measured)
 N0°19.9'E - 40.067 (G.L.O.)

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**WELL LOCATION:
 MU 921-210**

ELEV. UNGRADED GROUND = 4897.0'



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

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

S89°12'12"W - 2635.85' (Meas.)
 S89°08.5'W - 39.937 (G.L.O.)

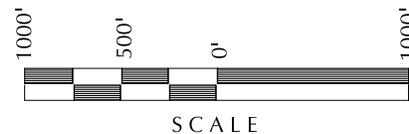
N89°37'27"W - 2630.93' (Meas.)
 N89°40.8'W - 39.862 (G.L.O.)

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

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.
- 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.

John R. Laughlin
 PROFESSIONAL LAND SURVEYOR
 REGISTRATION No. 6028691
 STATE OF UTAH

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

WELL PAD: NBU 921-210

**MU 921-210
 WELL PLAT
 966' FSL, 1481' FEL**

**SW ¼ SE ¼ OF SECTION 21, T9S, R21E,
 S.L.B.&M., UTAH COUNTY, UTAH.**



609 CONSULTING, LLC
 2155 North Main Street
 Sheridan WY 82801
 Phone 307-674-0609
 Fax 307-674-0182

TIMBERLINE

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

DATE SURVEYED: 03-14-12	SURVEYED BY: A.F.	SHEET NO: 1
DATE DRAWN: 03-20-12	DRAWN BY: J.G.C.	
SCALE: 1" = 1000'		1 OF 18