

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 921-19C1A-CMHZ
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 <input checked="" type="checkbox"/> Coalbed Methane Well: NO <input type="checkbox"/>		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) UTU0581	11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>	
13. NAME OF SURFACE OWNER (if box 12 = 'fee')		12. SURFACE OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')		14. SURFACE OWNER PHONE (if box 12 = 'fee')
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		16. SURFACE OWNER E-MAIL (if box 12 = 'fee')
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 type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/>

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1105 FNL 2127 FWL	NENW	30	9.0 S	21.0 E	S
Top of Uppermost Producing Zone	1105 FNL 2127 FWL	NENW	30	9.0 S	21.0 E	S
At Total Depth	2 FNL 2631 FWL	NENW	19	9.0 S	21.0 E	S

21. COUNTY UINTAH	22. DISTANCE TO NEAREST LEASE LINE (Feet) 472	23. NUMBER OF ACRES IN DRILLING UNIT 2400
27. ELEVATION - GROUND LEVEL 4858	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 925	26. PROPOSED DEPTH MD: 10544 TVD: 4356
	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	12.25	9.625	0 - 2799	36.0	J-55 LT&C	8.4	Type III	420	2.1	12.5
							Type III	410	1.46	14.3
I1	8.75	7	0 - 4683	26.0	HCP-110 LT&C	10.2	Premium Lite High Strength	450	1.92	12.5
							Class G	90	1.16	15.8
L1	6.125	4.5	3783 - 10544	11.6	HCP-110 LT&C	9.5	No Used	0	0.0	0.0
							No Used	0	0.0	0.0

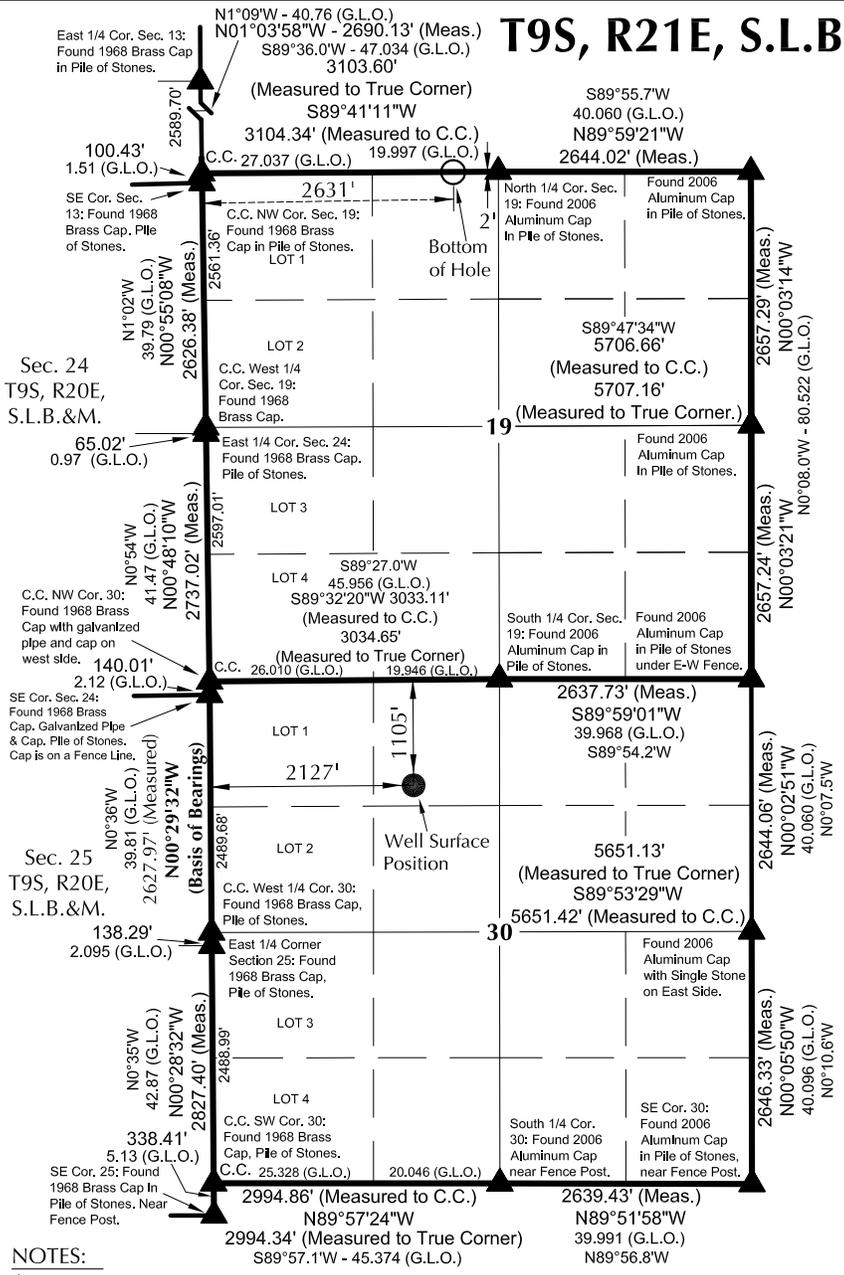
ATTACHMENTS

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 Cara Mahler	TITLE Regulatory Analyst I	PHONE 720 929-6029
SIGNATURE	DATE 03/13/2013	EMAIL cara.mahler@anadarko.com
API NUMBER ASSIGNED 43047536880000	APPROVAL  Permit Manager	

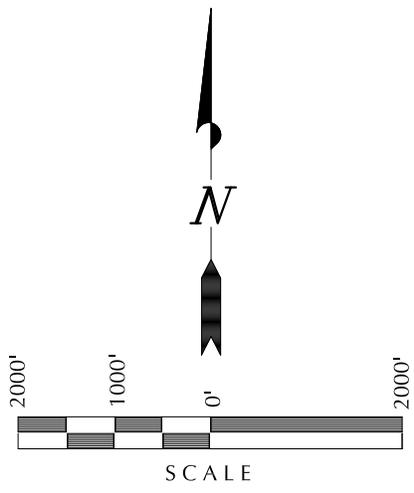
T9S, R21E, S.L.B.&M.



MU 921-19C1A-CMHZ (Surface Position)
 NAD 83 LATITUDE = 40.011185° (40° 00' 40.265")
 LONGITUDE = 109.597602° (109° 35' 51.369")
 NAD 27 LATITUDE = 40.011220° (40° 00' 40.392")
 LONGITUDE = 109.596912° (109° 35' 48.884")

MU 921-19C1A-CMHZ (Bottom Hole)
 NAD 83 LATITUDE = 40.028815° (40° 01' 43.735")
 LONGITUDE = 109.596159° (109° 35' 46.173")
 NAD 27 LATITUDE = 40.028851° (40° 01' 43.863")
 LONGITUDE = 109.595469° (109° 35' 43.687")

WELL LOCATION:
MU 921-19C1A-CMHZ
 ELEV. UNGRADED GROUND = 4861.7'



- NOTES:**
- ▲ = Section Corners Located
 - 1. Well footages are measured at right angles to the Section Lines.
G.L.O. distances are shown in feet or chains.
 - 2. 1 chain = 66 feet.
 - 3. The Bottom of hole bears N03°41'15"E 6437.01' from the Surface Position.
 - 4. NAD 83 Latitude & Longitude are (CORS 96)(EPOCH:2002).
 - 5. Bearings and Distances are based upon a Local Cartesian Grid, oriented to Geodetic North at the North 1/4 Corner of Section 8, T10S, R22E, S.L.B.&M. The Grid having a mean project height of 5300'. Lineal units used are U.S. Survey Foot.
 - 6. Basis of elevation is Tri-Sta "Two Water" located in Lot 4 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'.

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

WELL PAD: MU 921-30C

MU 921-19C1A-CMHZ
WELL PLAT
2' FNL, 2631' FWL (Bottom Hole)
NE 1/4 NW 1/4 OF SECTION 19, T9S, R21E,
S.L.B.&M., UINTAH COUNTY, UTAH.

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

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
 No. 6028691
 JOHN R. LAUGHLIN
 PROFESSIONAL LAND SURVEYOR
 REGISTRATION No. 6028691
 STATE OF UTAH

TIMBERLINE (435) 789-1365
 ENGINEERING & LAND SURVEYING, INC.
 209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED: 9-7-12	SURVEYED BY: A.F.	SHEET NO: 5
DATE DRAWN: 9-21-12	DRAWN BY: T.J.R.	
SCALE: 1" = 2000'		5 OF 20