FORM 3

AMENDED REPORT ☐

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL

1. WELL NAME and NUMBER
NBU 921-19M1BS

2. TYPE OF WORK
DRILL NEW WELL ■ REENTER P&A WELL ☐ DEEPEN WELL ☐

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
720 929-6100

8. ADDRESS OF OPERATOR
P.O. Box 173779, Denver, CO, 80217

9. OPERATOR E-MAIL
Andy.Lytle@anadarko.com

10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)
UTU 0581

11. MINERAL OWNERSHIP
FEDERAL ■ INDIAN ☐ STATE ☐ FEE ☐

12. SURFACE OWNERSHIP
FEDERAL ☐ INDIAN ■ STATE ☐ FEE ☐

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 ■ (Submit Commingling Application) NO ☐

19. SLANT
VERTICAL ☐ DIRECTIONAL ■ HORIZONTAL ☐

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1863 FSL 1985 FWL	NESW	19	9.0 S	21.0 E	S
Top of Uppermost Producing Zone	1089 FSL 886 FWL	SWSW	19	9.0 S	21.0 E	S
At Total Depth	1089 FSL 886 FWL	SWSW	19	9.0 S	21.0 E	S

21. COUNTY
UINTAH

22. DISTANCE TO NEAREST LEASE LINE (Feet)
886

23. NUMBER OF ACRES IN DRILLING UNIT
2400

25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)
647

26. PROPOSED DEPTH
MD: 11559 TVD: 11343

27. ELEVATION - GROUND LEVEL
4813

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 - 2780	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 - 11559	11.6	HCP-110 LT&C	12.5	Premium Lite High Strength	350	3.38	12.0
							50/50 Poz	1680	1.31	14.3

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

- ✔ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ✔ COMPLETE DRILLING PLAN
- ☐ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)
- ☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
- ✔ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)
- ✔ TOPOGRAPHICAL MAP

NAME Joel Malefyt **TITLE** Regualtory Analyst **PHONE** 720 929-6828

SIGNATURE **DATE** 07/11/2014 **EMAIL** joel.malefyt@anadarko.com

API NUMBER ASSIGNED
43047545920000

APPROVAL

Permit Manager

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

East 1/4 Cor. Sec. 13: Found 1968 Brass Cap in Pile of Stones.

N1°09'W - 40.76 (G.L.O.)
N01°03'58"W - 2690.13' (Meas.)

2589.70'

S89°36.0'W - 47.034 (G.L.O.)
3103.60' (Measured to True Corner)
S89°41'11"W - 3104.34' (Measured to C.C.)

S89°55.7'W - 40.060 (G.L.O.)
N89°59'21"W - 2644.02' (Meas.)

100.43'
1.51 (G.L.O.)

C.C.

27.037 (G.L.O.)

19.997 (G.L.O.)

SE Cor. Sec. 13: Found 1968 Brass Cap. Pile of Stones.

C.C. NW Cor. Sec. 19: Found 1968 Brass Cap in Pile of Stones.

North 1/4 Cor. Sec. 19: Found 2006 Aluminum Cap in Pile of Stones.

Found 2006 Aluminum Cap in Pile of Stones.

LOT 1

NBU 921-19M1BS (Surface Position)
NAD 83 LATITUDE = 40.019325° (40° 01' 09.572")
LONGITUDE = 109.598255° (109° 35' 53.717")
NAD 27 LATITUDE = 40.019361° (40° 01' 09.699")
LONGITUDE = 109.597564° (109° 35' 51.231")

N1°02'W - 39.79 (G.L.O.)
N00°55'08"W - 2626.38' (Meas.)

2561.36'

N00°03'14"W - 2657.29' (Meas.)

Sec. 24
T9S, R20E,
S.L.B.&M.

NBU 921-19M1BS (Bottom Hole)
NAD 83 LATITUDE = 40.017173° (40° 01' 01.824")
LONGITUDE = 109.602133° (109° 36' 07.680")
NAD 27 LATITUDE = 40.017209° (40° 01' 01.951")
LONGITUDE = 109.601443° (109° 36' 05.194")

LOT 2

C.C. West 1/4 Cor. Sec. 19: Found 1968 Brass Cap.

Found 2006 Aluminum Cap in Pile of Stones.

65.02'
0.97 (G.L.O.)

S89°47'34"W
5706.66' (Measured to C.C.)
5707.16' (Measured to True Corner.)

19

N0°08.0'W - 80.522 (G.L.O.)

East 1/4 Cor. Sec. 24: Found 1968 Brass Cap. Pile of Stones.

Well Surface Position

1985'

WELL LOCATION:
NBU 921-19M1BS
ELEV. UNGRADED GROUND = 4813.5'

LOT 3

2597.01'

N0°54'W - 41.47 (G.L.O.)
2737.02' (Measured)

N00°48'10"W (Basis of Bearings)

886'

Bottom of Hole

1863'

LOT 4

1089'

C.C. SW Cor. 19: Found 1968 Brass Cap with galvanized pipe and cap on west side.

N00°03'21"W - 2657.24' (Meas.)

SE Cor. Sec. 24: Found 1968 Brass Cap. Galvanized Pipe & Cap. Pile of Stones. Cap is on a Fence Line.

C.C.

26.010 (G.L.O.)

19.946 (G.L.O.)

South 1/4 Cor. Sec. 19: Found 2006 Aluminum Cap in Pile of Stones.

Found 2006 Aluminum Cap in Pile of Stones under E-W Fence.

140.01'
2.12
(G.L.O.)

S89°32'20"W 3033.11' (Measured to C.C.)
3034.65' (Measured to True Corner)
S89°27.0'W - 45.956 (G.L.O.)

S89°59'01"W 2637.73' (Meas.)
S89°54.2'W - 39.968 (G.L.O.)

1000' 500' 0' 1000'

SCALE

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 S54°16'19"W 1340.08' 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'.

N

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.

10-2-12

PROFESSIONAL LAND SURVEYOR
REGISTRATION No. 6028691
STATE OF UTAH

PROFESSIONAL LAND SURVEYOR No.6028691 JOHN R KAUGH STATE OF UTAH

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

WELL PAD: NBU 921-19K

NBU 921-19M1BS
WELL PLAT
1089' FSL, 886' FWL (Bottom Hole)
LOT 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

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

DATE SURVEYED: 9-6-12	SURVEYED BY: M.B.	SHEET NO:
DATE DRAWN: 9-12-12	DRAWN BY: T.J.R.	5
SCALE: 1" = 1000'	Date Last Revised:	5 OF 17