

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 921-35E2AS	
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 720 929-6007	
8. ADDRESS OF OPERATOR P.O. Box 173779, Denver, CO, 80217						9. OPERATOR E-MAIL Kathy.SchneebeckDulnoan@anadarko.com	
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UO 01194 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 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	1688 FNL 1689 FWL	SE	35	9.0 S	21.0 E	S	
Top of Uppermost Producing Zone	1498 FNL 535 FWL	SW	35	9.0 S	21.0 E	S	
At Total Depth	1498 FNL 535 FWL	SW	35	9.0 S	21.0 E	S	
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 535			23. NUMBER OF ACRES IN DRILLING UNIT 1083	
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 550			26. PROPOSED DEPTH MD: 10005 TVD: 9819	
27. ELEVATION - GROUND LEVEL 5108			28. BOND NUMBER 22013542			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 11/18/2010	EMAIL gnbregulatory@anadarko.com
API NUMBER ASSIGNED 43047513530000	APPROVAL  Permit Manager	

Proposed Hole, Casing, and Cement

String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Prod	7.875	4.5	0	10005		
Pipe	Grade	Length	Weight			
	Grade I-80 Buttress	10005	11.6			

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Surf	11	8.625	0	2450		
Pipe	Grade	Length	Weight			
	Grade J-55 LT&C	2450	28.0			

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

WEST - 80.00 (G.L.O.)

N89°47'37"W - 2646.18' (Meas.)

N89°47'25"W - 2645.99' (Meas.)

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

Found Uintah County Aluminum Cap in Pile of Stones.

Found Uintah County Aluminum Cap in Pile of Stones.

N00°21'17"W (Basis of Bearings)

2645.28' (Measured)

N00°03'W - 81.10 (G.L.O.)

N00°12'59"E

2703.72' (Measured to C.C.)

2702.74' (Measured to True Corner)

N00°03'41"W - 2641.51' (Meas.)

N00°03'E - 79.80 (G.L.O.)

N00°00'34"E - 2612.15' (Meas.)

**WELL LOCATION:
NBU 921-35E2AS**

ELEV. UNGRADED GROUND = 5107.5'

35

NBU 921-35E2AS (Surface Position) NAD 83 LATITUDE = 39.995141° (39° 59' 42.507") LONGITUDE = 109.522303° (109° 31' 20.289") NAD 27 LATITUDE = 39.995176° (39° 59' 42.633") LONGITUDE = 109.521615° (109° 31' 17.815")	
NBU 921-35E2AS (Bottom Hole) NAD 83 LATITUDE = 39.995673° (39° 59' 44.421") LONGITUDE = 109.526426° (109° 31' 35.133") NAD 27 LATITUDE = 39.995708° (39° 59' 44.548") LONGITUDE = 109.525738° (109° 31' 32.658")	

LOT 4

LOT 1

LOT 3

LOT 2

2.50 (G.L.O.)
164.44'

Found 1977 Brass Cap in Pile of Stones.

2501.71'

2.19 (G.L.O.)
144.58'

Found 1977 Brass Cap

2543.51'

Found 1977 Brass Cap

2579.41'

Found 1977 Brass Cap in Pile of Stones.

S89°07'53"W - 2666.15' (Meas.)
S89°06'W - 40.39 (G.L.O.)
Found 1977 Brass Cap in Pile of Stones.

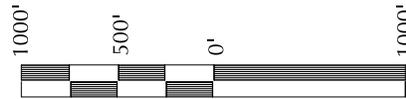
S89°14'29"W - 2688.09' (Meas.)
S89°12'W - 40.73 (G.L.O.)
Found 1977 Brass Cap

99.10' 1.51 (G.L.O.)
2678.51' (Meas.)
S89°06'03"W
S89°06'W - 40.59 (G.L.O.)

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 N80°26'32"W 1171.67' 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.

Professional Seal: No. 6028691, JOHN R. LAUGH, PROFESSIONAL LAND SURVEYOR, STATE OF UTAH, REGISTRATION No. 6028691

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

WELL PAD: NBU 921-35F2

**NBU 921-35E2AS
WELL PLAT**

1498' FNL, 535' FWL (Bottom Hole)
SW ¼ NW ¼ OF SECTION 35, T9S, R21E,
S.L.B.&M., UTAH COUNTY, UTAH.



CONSULTING, LLC
2155 North Main Street
Sheridan WY 82801
Phone 307-674-0609
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TIMBERLINE

(435) 789-1365

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

DATE SURVEYED: 10-01-10	SURVEYED BY: D.J.S.	SHEET NO: 3
DATE DRAWN: 10-01-10	DRAWN BY: E.M.S.	
SCALE: 1" = 1000'		3 OF 16