

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 920-12E	
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 720 929-6587	
8. ADDRESS OF OPERATOR P.O. Box 173779, Denver, CO, 80217						9. OPERATOR E-MAIL mary.mondragon@anadarko.com	
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU-0144868B			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			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	2080 FNL 747 FWL	SWNW	12	9.0 S	20.0 E	S	
Top of Uppermost Producing Zone	2080 FNL 747 FWL	SWNW	12	9.0 S	20.0 E	S	
At Total Depth	2080 FNL 747 FWL	SWNW	12	9.0 S	20.0 E	S	
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 747			23. NUMBER OF ACRES IN DRILLING UNIT 600	
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1500			26. PROPOSED DEPTH MD: 10700 TVD:	
27. ELEVATION - GROUND LEVEL 4719			28. BOND NUMBER WYB000291			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Permit #43-8496	
ATTACHMENTS							
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORCANCE 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 Kevin McIntyre			TITLE Regulatory Analyst I			PHONE 720 929-6226	
SIGNATURE			DATE 10/21/2008			EMAIL Kevin.McIntyre@anadarko.com	
API NUMBER ASSIGNED 43047501630000			APPROVAL  Permit Manager				

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

S89°20'W 79.02 (G.L.O.)

S89°21'44"W - 2608.33' (Meas.)

Found 1968
Brass Cap.

S89°19'55"W - 2606.52' (Meas.)

Found 1968
Brass Cap.

N00°23'35"E - 2659.69' (Meas.)

2080'

Found 1968
Brass Cap.
Pile of Stones.

N00°15'42"W - 2665.17' (Meas.)
N01°17'W 40.38 (G.L.O.)

**WELL LOCATION:
NBU 920-12E**

ELEV. UNGRADED GROUND = 4718.9'

747'

Proposed Well

12

N0°21'E 80.60 (G.L.O.)

N00°21'43"E - 2659.80' (Meas.)

Found 1968
Brass Cap.
Pile of Stones.

Found 1968
Brass Cap.
Pile of Stones.

N00°27'12"W - 2615.05' (Meas.)
N0°28'W 39.69 (G.L.O.)

NBU 920-12E (Proposed Well Head)	
NAD 83 LATITUDE	= 40.05155' (40° 03' 05.58")
LONGITUDE	= 109.62203' (109° 37' 19.30")
NAD 27 LATITUDE	= 40.05159' (40° 03' 05.71")
LONGITUDE	= 109.62134' (109° 37' 16.81")

Found 1968
Brass Cap.
Pile of Stones.

Found 1968
Brass Cap.
Pile of Stones.

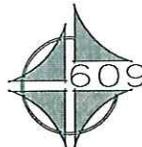
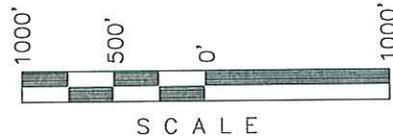
S88°55'40"W (Basis of Bearings)
2670.83' (Measured)
S88°53'W 40.48 (G.L.O.)

S88°55'55"W - 2612.51' (Meas.)
S88°55'W 39.58 (G.L.O.)

Found 1968
Brass Cap.
Pile of Stones.

NOTES:

- ▲ = Section Corners Located
- 1. Well footages are measured at right angles to the Section Lines.
- 2. G.L.O. distances are shown in feet or chains. 1 chain = 66 feet.
- 3. Bearings are based on Global Positioning Satellite observations.
- 4. Basis of elevation is the Northwest Corner of Section 12, T9S, R20E, S.L.B.&M. The elevation of this Section Corner is shown on the Ouray SE 7.5 Min. Quadrangle as being 4676'.



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.

No. 6028691

 JOHN R. SLOUGH
 REGISTERED LAND SURVEYOR
 REGISTRATION No. 6028691
 STATE OF UTAH

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

NBU 920-12E
 WELL PLAT
 2080' FNL, 747' FWL
 SW ¼ NW ¼ OF SECTION 12, T9S, R20E,
 S.L.B.&M. UINTAH COUNTY, UTAH.

CONSULTING, LLC
 371 Coffeen Avenue
 Sheridan WY 82801
 Phone 307-674-0609
 Fax 307-674-0182

TIMBERLINE (435) 789-1365
ENGINEERING & LAND SURVEYING, INC.
 38 WEST 100 NORTH - VERNAL, UTAH 84078

DATE SURVEYED: 06-23-08	SURVEYED BY: M.S.B.	SHEET 1 OF 9
DATE DRAWN: 07-07-08	DRAWN BY: B.R.B.	
SCALE: 1" = 1000'	Date Last Revised:	

- WELL PAD LEGEND**
- ⊙ WELL LOCATION
 - - - EXISTING CONTOURS (2' INTERVAL)
 - PROPOSED CONTOURS (2' INTERVAL)

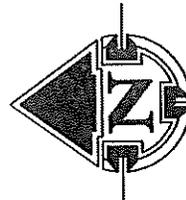
WELL PAD NBU 920-12E QUANTITIES

EXISTING GRADE @ LOC. STAKE = 4,718.9'
 FINISHED GRADE ELEVATION = 4,715.7'
 CUT SLOPES = 1.5:1
 FILL SLOPES = 1.5:1

TOTAL CUT FOR WELL PAD = 12,752 C.Y.
 TOTAL FILL FOR WELL PAD = 11,902 C.Y.
 TOPSOIL @ 6" DEPTH = 3,189 C.Y.
 TOTAL DISTURBANCE = 3.95 ACRES
 SHRINKAGE FACTOR = 1.10

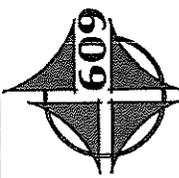
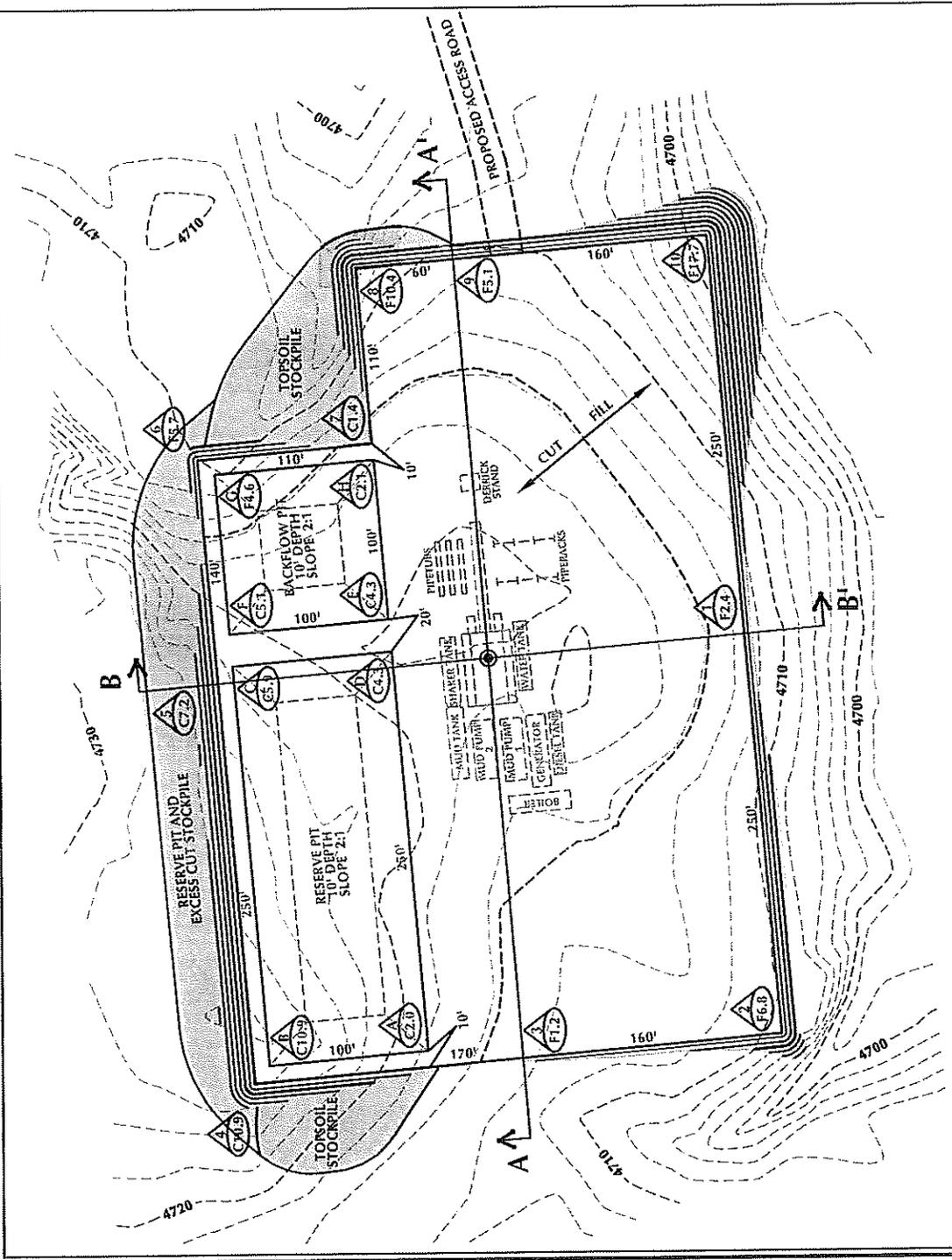
SWELL FACTOR = 1.00
 RESERVE PIT CAPACITY (2' OF FREEBOARD)
 +/- 25,880 BARRELS
 RESERVE PIT VOLUME
 +/- 7,185 CY

BACKFLOW PIT CAPACITY (2' OF FREEBOARD)
 +/- 8,780 BARRELS
 BACKFLOW PIT VOLUME
 +/- 2,520 CY



HORIZONTAL 0 50 100
 1" = 100'
 2' CONTOURS

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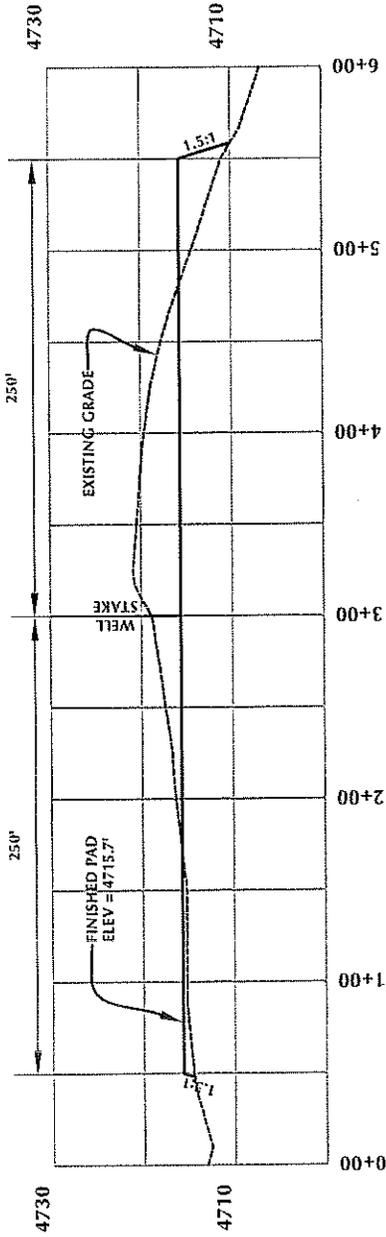


KERR-MCGEE OIL & GAS
ONSHORE L.P.
 1099 18th Street - Denver, Colorado 80202

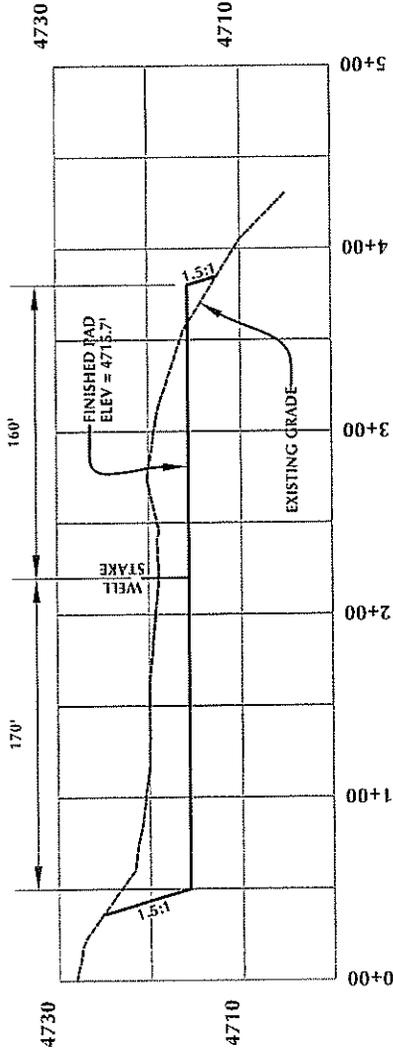
NBU 920-12E
WELL PAD - LOCATION LAYOUT
 2080' FNL, 747' FWL
 SW1/4NW1/4, SECTION 12, T.9S., R.20E.
 S.L.B.&M., Uintah County, Utah

CONSULTING, LLC
 371 Coffeen Avenue
 Sheridan WY 82801
 Phone 307-674-0609
 Fax 307-674-0182

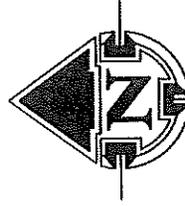
Scale: 1"=100'	Date: 9/9/08	SHEET NO:
	BY DATE	2
REVISED:		2 OF 9



CROSS SECTION A-A'



CROSS SECTION B-B'



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VERNAL, UTAH 84078
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	DATE	3 OF 9



609 CONSULTING, LLC
371 Coffeen Avenue
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KERR-MCGEE OIL & GAS
ONSHORE L.P.

1099 18th Street - Denver, Colorado 80202

NBU 920-12E

WELL PAD - CROSS SECTIONS
2080' FNL, 747' FWL

SW1/4NW1/4, SECTION 12, T.9S., R.20E.
S.L.B.&M., UINTAH COUNTY, UTAH



PHOTO VIEW: FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHERLY



PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: WESTERLY

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

NBU 920-12E
 2080' FNL, 747' FWL
 SW $\frac{1}{4}$ NW $\frac{1}{4}$ OF SECTION 12, T9S, R20E,
 S.L.B.&M. UINTAH COUNTY, UTAH.



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LOCATION PHOTOS		DATE TAKEN: 6-20-08
		DATE DRAWN: 8-26-08
TAKEN BY: M.S.B.	DRAWN BY: J.R.S.	REVISED:
<i>Timberline</i> Engineering & Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078		(435) 789-1355
		SHEET 4 OF 9

Kerr-McGee Oil & Gas Onshore, LP
NBU 920-12E
Section 12, T9S, R20E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 13.9 MILES TO THE JUNCTION OF STATE HIGHWAY 88. EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION ALONG STATE HIGHWAY 88 APPROXIMATELY 16.8 MILES TO OURAY, UTAH. FROM OURAY, PROCEED IN A SOUTHERLY DIRECTION ALONG THE SEEP RIDGE ROAD (COUNTY B ROAD 2810) APPROXIMATELY 2.9 MILES TO THE INTERSECTION OF AN EXISTING ROAD TO THE EAST. EXIT LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION ALONG EXISTING ROAD APPROXIMATELY 3.8 MILES TO THE INTERSECTION OF AN EXISTING ROAD TO THE SOUTH. EXIT RIGHT AND PROCEED IN A SOUTHERLY DIRECTION ALONG EXISTING ROAD APPROXIMATELY 0.4 MILES TO THE PROPOSED ACCESS ROAD. FOLLOW ROAD FLAGS IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 465 FEET TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 37.9 MILES IN A SOUTHERLY DIRECTION.