

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 1022-8C1AS	
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 0466			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 checked="" type="checkbox"/> INDIAN <input 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')			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	943 FNL 1725 FEL	NWNE	8	10.0 S	22.0 E	S	
Top of Uppermost Producing Zone	102 FNL 2415 FWL	NENW	8	10.0 S	22.0 E	S	
At Total Depth	102 FNL 2415 FWL	NENW	8	10.0 S	22.0 E	S	
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 102			23. NUMBER OF ACRES IN DRILLING UNIT 454	
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 360			26. PROPOSED DEPTH MD: 9503 TVD: 9100	
27. ELEVATION - GROUND LEVEL 5185			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 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

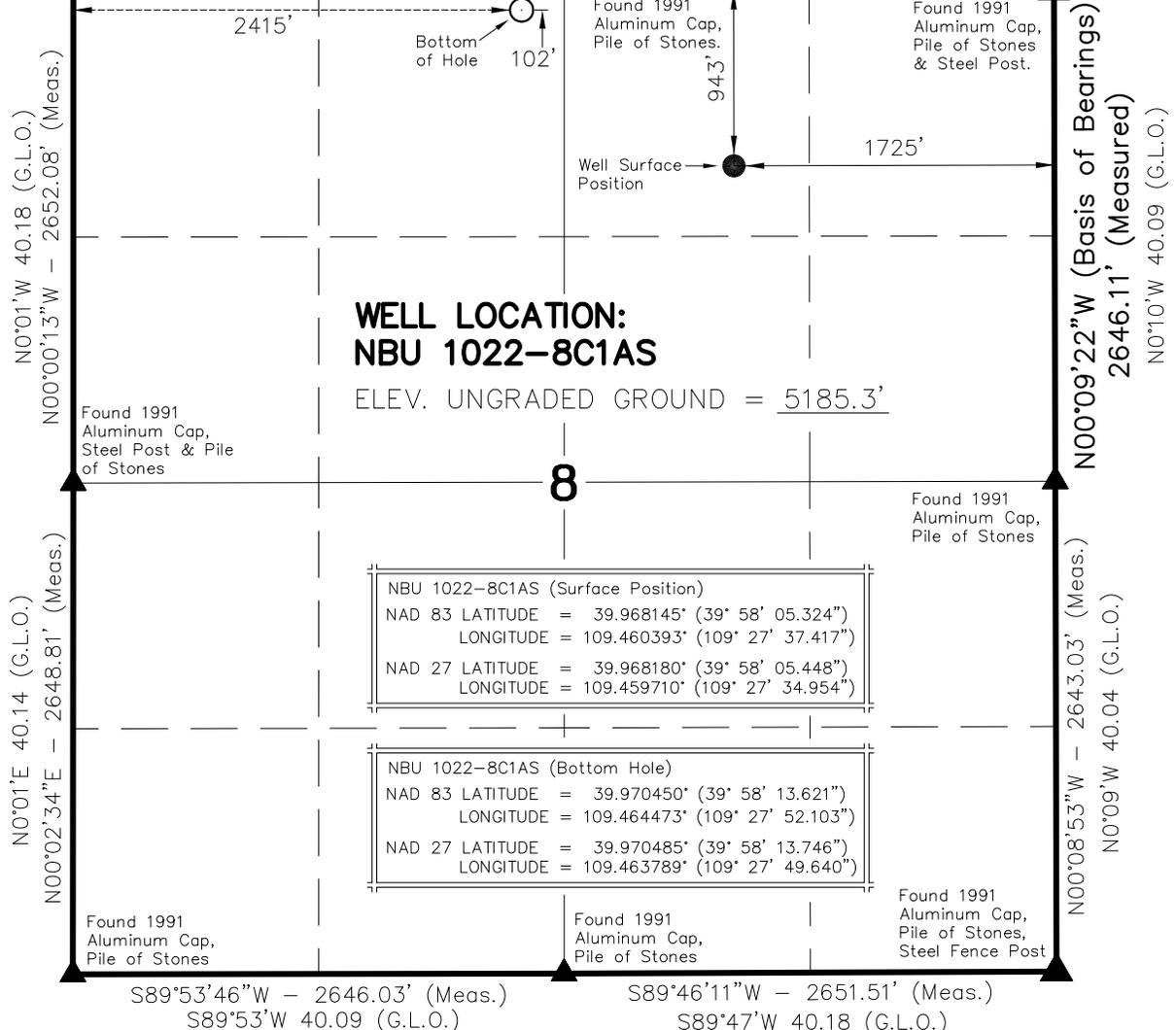
NAME Danielle Piernot	TITLE Regulatory Analyst	PHONE 720 929-6156
SIGNATURE	DATE 08/17/2009	EMAIL danielle.piernot@anadarko.com
API NUMBER ASSIGNED 43047506420000	APPROVAL  Permit Manager	

T10S, R22E, S.L.B.&M.

Found 1991
Aluminum Cap,
Pile of Stones

WEST - 40.07 (G.L.O.)
N89°59'49"W - 2644.32' (Meas.)

S89°56'W - 39.96 (G.L.O.)
S89°55'00"W - 2637.33' (Meas.)



**WELL LOCATION:
NBU 1022-8C1AS**

ELEV. UNGRADED GROUND = 5185.3'

NBU 1022-8C1AS (Surface Position)
NAD 83 LATITUDE = 39.968145° (39° 58' 05.324")
LONGITUDE = 109.460393° (109° 27' 37.417")
NAD 27 LATITUDE = 39.968180° (39° 58' 05.448")
LONGITUDE = 109.459710° (109° 27' 34.954")

NBU 1022-8C1AS (Bottom Hole)
NAD 83 LATITUDE = 39.970450° (39° 58' 13.621")
LONGITUDE = 109.464473° (109° 27' 52.103")
NAD 27 LATITUDE = 39.970485° (39° 58' 13.746")
LONGITUDE = 109.463789° (109° 27' 49.640")

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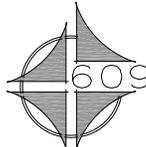
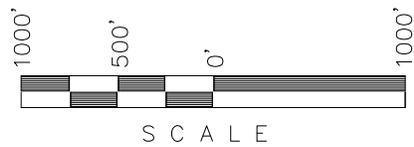
NOTES:

- ▲ = 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. The Bottom of hole bears N53°42'40"W 1418.94' from the Surface Position.
- 4. Bearings are based on Global Positioning Satellite observations.
- 5. 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'.

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

**NBU 1022-8C1AS
WELL PLAT**
102' FNL, 2415' FWL (Bottom Hole)
NE ¼ NW ¼ OF SECTION 8, T10S, R22E,
S.L.B.&M. UINTAH COUNTY, UTAH.

CONSULTING, LLC
371 Coffeen Avenue
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.

Kerry R. Kay
No. 362251
KOLBY R. KAY
REGISTERED LAND SURVEYOR

REGISTERED LAND SURVEYOR
REGISTRATION NO. 362251
STATE OF UTAH

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

DATE SURVEYED: 09-18-08	SURVEYED BY: M.S.B.	SHEET 2 OF 13
DATE DRAWN: 10-03-08	DRAWN BY: M.W.W.	
SCALE: 1" = 1000'	Date Last Revised: 01-21-09	