

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-0149077
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator KERR MCGEE OIL & GAS ONSHORE LP		7. If Unit or CA Agreement, Name and No. UNIT #891008900A
3A. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078	3b. Phone No. (include area code) (435) 781-7024	8. Lease Name and Well No. NBU 922-34D-3
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NWNW 1217'FNL, 162'FWL <i>6336634</i> <i>39.996456</i> At proposed prod. Zone <i>44283284</i> <i>-109.434275</i>		9. API Well No. 43-047-38512
14. Distance in miles and direction from nearest town or post office* 27.85 MILES SOUTHEAST OF OURAY, UTAH		10. Field and Pool, or Exploratory NATURAL BUTTES
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 162'	16. No. of Acres in lease 600.00	11. Sec., T., R., M., or Blk, and Survey or Area SEC. 34, T9S, R22E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C	19. Proposed Depth 8900'	12. County or Parish UINTAH
20. BLM/BIA Bond No. on file BOND NO: WY-2357	17. Spacing Unit dedicated to this well 20.00	13. State UTAH
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4938'UNGRADED GL	22. Approximate date work will start*	23. Estimated duration

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|--|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office. | 6. Such other site specific information and/or plans as may be required by the authorized office. |

25. Signature 	Name (Printed/Typed) SHEILA UPCHEGO	Date 8/24/2006
Title REGULATORY ANALYST	Name (Printed/Typed)	Date
Approved by (Signature)	Office	
Title		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

AUG 28 2006

T9S, R22E, S.L.B.&M.

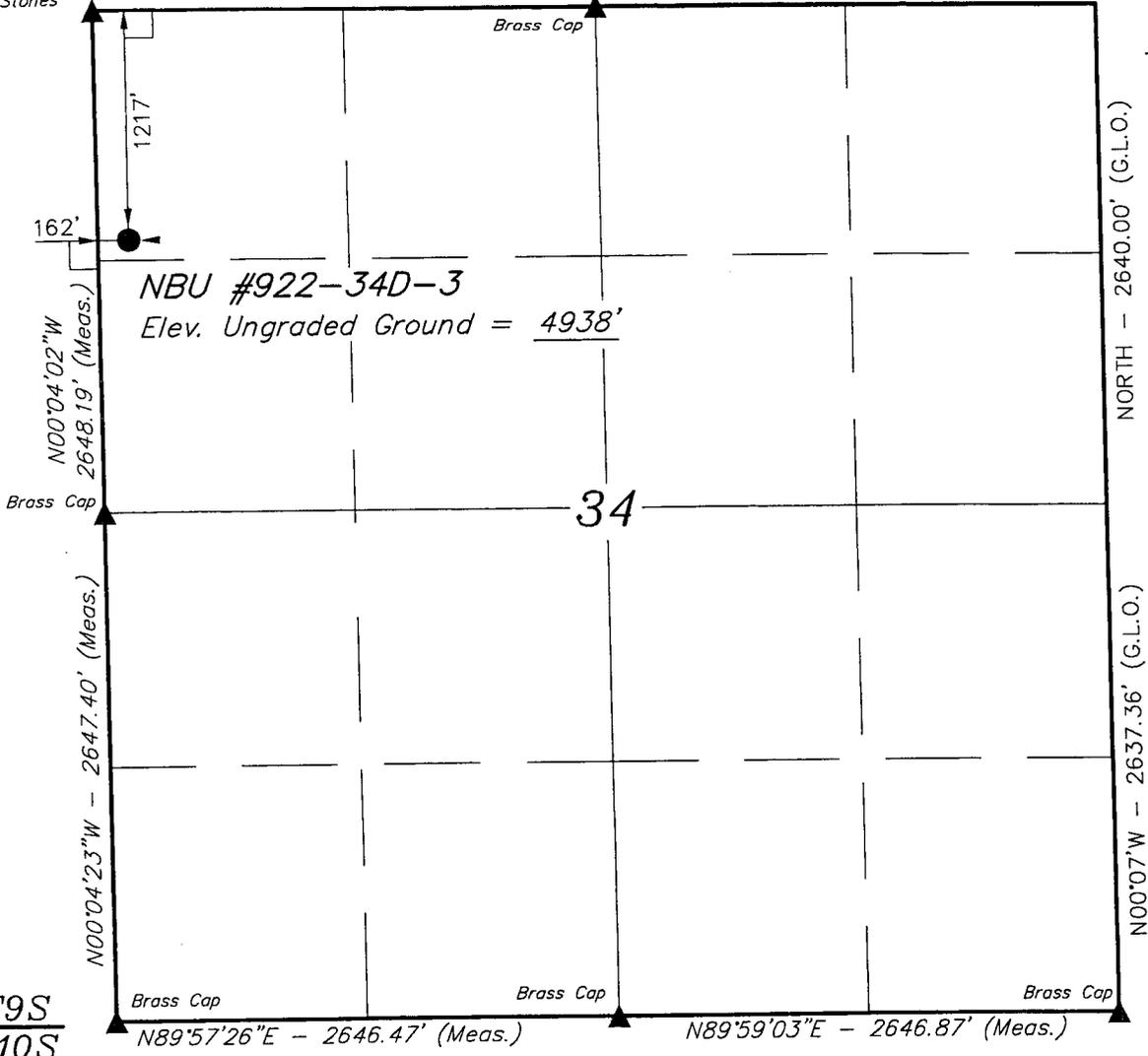
Kerr-McGee Oil & Gas Onshore LP

Well location, NBU #922-34D-3, located as shown in the NW 1/4 NW 1/4 of Section 34, T9S, R22E, S.L.B.&M. Uintah County, Utah.

1977 Brass Cap,
2.0' High Pile
of Stones

S89°51'28"E - 2648.41' (Meas.)

N89°50'W - 2645.28' (G.L.O.)

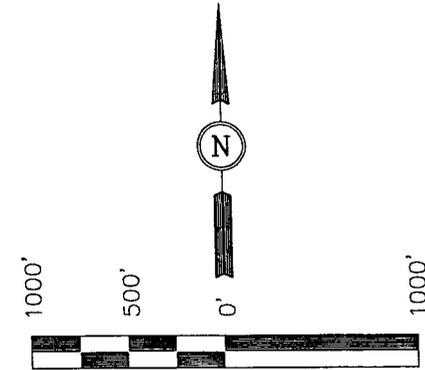


BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE
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.

[Signature]
REGISTERED LAND SURVEYOR
STATE OF UTAH
No. 161319
No. 161319

T9S
T10S

(NAD 83)
LATITUDE = 39°59'47.24" (39.996456)
LONGITUDE = 109°26'06.00" (109.435000)
(NAD 27)
LATITUDE = 39°59'47.36" (39.996489)
LONGITUDE = 109°26'03.54" (109.434317)

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 03-16-06	DATE DRAWN: 03-21-06
PARTY P.J. B.S. C.H.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE Kerr-McGee Oil & Gas Onshore LP	

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

**3160
(UT-922)**

August 29, 2006

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2006 Plan of Development Natural Buttes Unit Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2006 within the Natural Buttes Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
(PZ MesaVerde)		
43-047-38513	NBU 1022-3M-4T	Sec 03 T10S R22E 0639 FSL 0665 FWL
43-047-38514	NBU 1022-4D-1T	Sec 04 T10S R22E 0565 FNL 1162 FWL
43-047-38515	NBU 1022-41-4	Sec 04 T10S R22E 1656 FSL 0537 FEL
43-047-38516	NBU 1022-4E-1T	Sec 04 T10S R22E 1623 FNL 1289 FWL
43-047-38517	NBU 1022-4J-4T	Sec 04 T10S R22E 1385 FSL 1941 FEL
43-047-38511	NBU 922-34O-3	Sec 34 T09S R22E 0011 FSL 1433 FEL
43-047-38512	NBU 922-34D-3	Sec 34 T09S R22E 1217 FNL 0162 FWL
43-047-38525	NBU 1022-6G-1	Sec 06 T10S R22E 1372 FNL 1338 FEL
43-047-38526	NBU 1022-6L-1	Sec 06 T10S R22E 2451 FSL 0708 FWL
43-047-38527	NBU 1022-6P-4	Sec 06 T10S R22E 0413 FSL 0281 FEL
43-047-38528	NBU 1022-6C-4	Sec 06 T10S R22E 1178 FNL 2192 FEL
43-047-38518	NBU 1022-5O-1	Sec 05 T10S R22E 0873 FSL 1630 FEL
43-047-38519	NBU 1022-5M-2	Sec 05 T10S R22E 1219 FSL 0116 FWL
43-047-38520	NBU 1022-51-4	Sec 05 T10S R22E 1955 FSL 0139 FEL
43-047-38521	NBU 1022-5N-2	Sec 05 T10S R22E 1228 FSL 1980 FWL
43-047-38522	NBU 1022-5C-4	Sec 05 T10S R22E 1269 FNL 2606 FWL
43-047-38523	NBU 1022-5D-4T	Sec 05 T10S R22E 0696 FNL 0894 FWL
43-047-38524	NBU 1022-5L-1	Sec 05 T10S R22E 2132 FSL 0986 FWL

This office has no objection to permitting the wells at this time.

**NBU #922-34D-3
SWNWNW SEC 34-T9S-R22E
UINTAH COUNTY, UTAH
UTU-0149077**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	1343'
Top of Birds Nest Water	1556'
Mahogany	2163'
Wasatch	4386'
Mesaverde	6800'
MVU2	7737'
MVL1	8248'
TD	8900'

2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1343'
	Top of Birds Nest Water	1556'
	Mahogany	2163'
	Wasatch	4386'
Gas	Mesaverde	6800'
Gas	MVU2	7737'
Gas	MVL1	8248'
Gas	N/A	
Water	N/A	
Other Minerals	N/A	

3. Pressure Control Equipment (Schematic Attached)

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

4. Proposed Casing & Cementing Program:

Please see the Natural Buttes Unit SOP.

5. Drilling Fluids Program:

Please see the Natural Buttes Unit SOP.

6. Evaluation Program:

Please see the Natural Buttes Unit SOP.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 8900' TD, approximately equals 5518 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3560 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

Drilling is planned to commence immediately upon approval of this application.

9. **Variations:**

Please see Natural Buttes Unit SOP.

10. **Other Information:**

Please see Natural Buttes Unit SOP.



KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'				2270	1370	254000
SURFACE	9-5/8"	0 to 2060	32.30	H-40	STC	0.63*****	1.42	4.36
						7780	6350	201000
PRODUCTION	4-1/2"	0 to 8900	11.60	I-80	LTC	2.16	1.14	2.23

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point))
- 2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)
- (Burst Assumptions: TD = 12.0 ppg) .22 psi/ft = gradient for partially evac wellbore
- (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)
- MASP 3596 psi

***** Burst SF is low but csg is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.8 ppg or 1.13 psi/ft

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE Option 1	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18
	TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	50		15.60	1.18
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE Option 2	LEAD	1500	NOTE: If well will circulate water to surface, option 2 will be utilized Prem cmt + 16% Gel + 10 pps gilsonite + .25 pps Flocele + 3% salt BWOC	170	35%	11.00	3.82
	TAIL	500	Premium cmt + 2% CaCl + .25 pps flocele	180	35%	15.60	1.18
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	3,880'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	430	60%	11.00	3.38
	TAIL	5,020'	50/50 Poz/G + 10% salt + 2% gel + .1% R-3	1400	60%	14.30	1.31

*Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained
*Substitute caliper hole volume plus 10% excess for TAIL if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 5M with one annular and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.

Drop Tolco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

Most rigs have PVT Systems for mud monitoring. If no PVT is available, visual monitoring will be utilized.

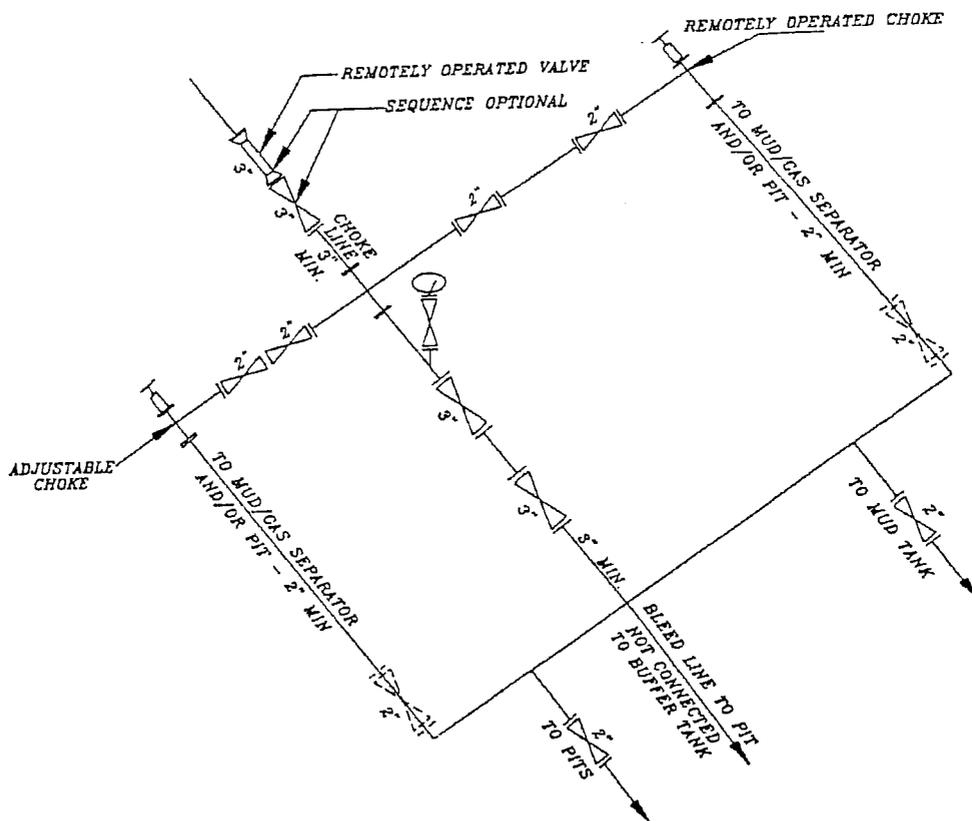
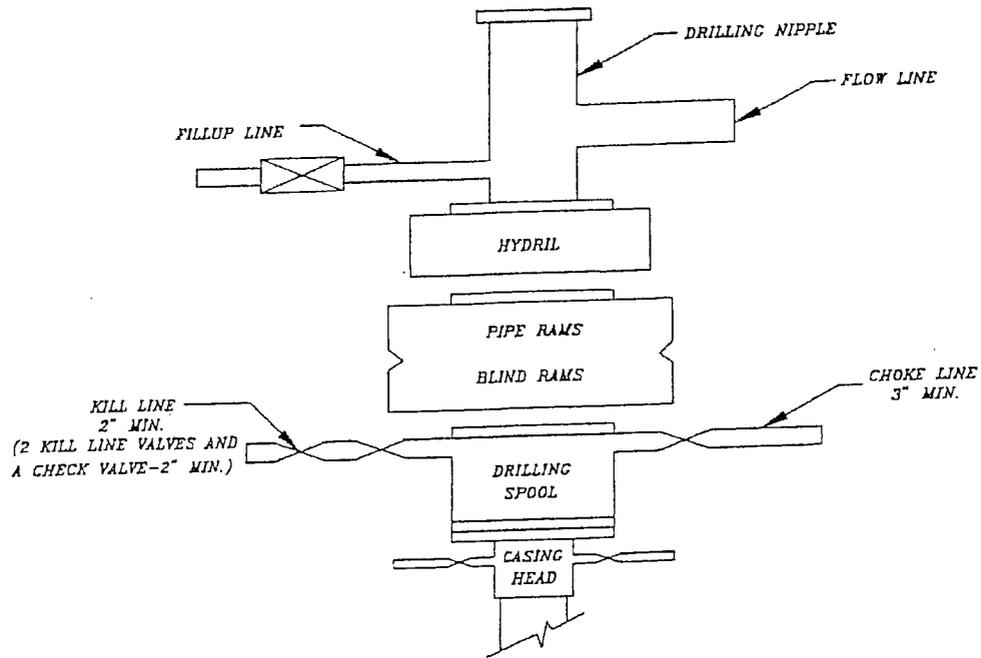
DRILLING ENGINEER: _____
Brad Laney

DATE: _____

DRILLING SUPERINTENDENT: _____
Randy Bayne

DATE: _____

5M BOP STACK and CHOKE MANIFOLD SYSTEM



**NBU #922-34D-3
SWNWNW SEC 34-T9S-R22E
UINTAH COUNTY, UTAH
UTU-0149077**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Refer to the attached location directions.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

2. Planned Access Roads:

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

Approximately 110' +/- of access road is proposed. Please refer to the attached Topo Map B.

3. Location of Existing Wells Within a 1-Mile Radius:

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

Please see the Natural Buttes Unit SOP.

A 30' of rights-of-way will be required. Approximately 30' +/- of 4" low pressure pipeline is proposed to tie-into an existing pipeline in Sec. 33, T9S, R22E cross into Lease #UTU-01191-A. Approximately 2600' +/- of 4" high pressure pipeline is proposed to tie-in to an existing pipeline in Sec. 33, T9S, R22E cross into Lease #UTU-01191-A. Refer to Topo Map D.

Variations to Best Management Practices (BMPs) Requested:

The pipeline shall be installed on surface within the access corridor for the well location. As a Best Management Practice (BMP), the pipeline would be buried within the access road corridor if possible. The construction of pipelines requires the corridor of 30 feet.

This exception to the BMP should be granted by the BLM Authorized Officer because indurated bedrock, such as sandstone, is at or within 2 feet of the surface and the soil has a poor history for successful rehabilitation.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon Brown (2.5Y 6/2), a non-reflective earthtone.

5. Location and Type of Water Supply:

Please see the Natural Buttes SOP.

6. **Source of Construction Materials:**

Please see the Natural Buttes SOP.

7. **Methods of Handling Waste Materials:**

Please see the Natural Buttes SOP.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E (*Request is in lieu of filing Form 3160-5, after initial production*).

8. **Ancillary Facilities:**

Please see the Natural Buttes SOP.

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

A 20 mil reserve pit liner with felt will be used. As discussed at the on-site inspection.

Location size may change prior to the drilling of the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling rig. The location will be re-surveyed and a form 3160-5 will be submitted.

10. **Plans for Reclamation of the Surface:**

Please see the Natural Buttes SOP.

When the pit is backfilled, the topsoil pile shall be spread on the location up to the rig anchor points. The location will be reshaped to the original contour to the extent possible. The following seed mixture will be used to reclaim the surface for interim reclamation using appropriate reclamation methods. A total of 12 lbs/acre will be used if the seeds are drilled (24 lbs/acre if the seeds are broadcast). The per acre requirements for **drilled** seed are:

Galletta Grass

20 lbs.

Operator shall call the BLM for the seed mixture when final reclamation occurs.

11. Surface Ownership:

The well pad and access road are located on lands owned by:

United States of America
Bureau of Land Management
170 South 500 East
Vernal, UT 84078
(435)781-4400

12. Other Information:

A Class III Archaeological Survey Report No. 06-143, completed on April 24, 2006 for the well location; also, a Archaeological Survey Report No. 06-351 completed on July 20, 2006 for the pipeline. These two Archaeological Reports are submitted along with the Application for Permit to Drill. The paleontological survey have been performed and will be filed when received by our office.

13. Lessee's or Operator's Representative & Certification:

Sheila Ucphego
Regulatory Analyst
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435) 781-7024

Randy Bayne
Drilling Manager
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435) 781-7018

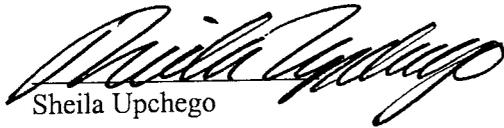
Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

Kerr-McGee Oil & Gas Onshore LP is considered to be the operator of the subject well. Kerr-McGee Oil & Gas Onshore LP agrees to be responsible under the terms and conditions of the lease for the operations conducted upon leased lands.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by BLM Nationwide Bond #WY-2357.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.



Sheila Upchego

8/24/2006

Date

Kerr-McGee Oil & Gas Onshore LP
NBU #922-34D-3
SECTION 34, T9S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 6.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN EASTERLY DIRECTION APPROXIMATELY 5.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 3.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 7.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN RIGHT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 0.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 1.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.15 MILES TO THE #138A AND THE BEGINNING OF THE PROPOSED ACCESS FOR THE #922-34D TO THE NORTHEAST; FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 110' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 58.85 MILES.

Kerr-McGee Oil & Gas Onshore LP

NBU #922-34D-3
LOCATED IN UTAH COUNTY, UTAH
SECTION 34, T9S, R22E, S.L.B.&M.

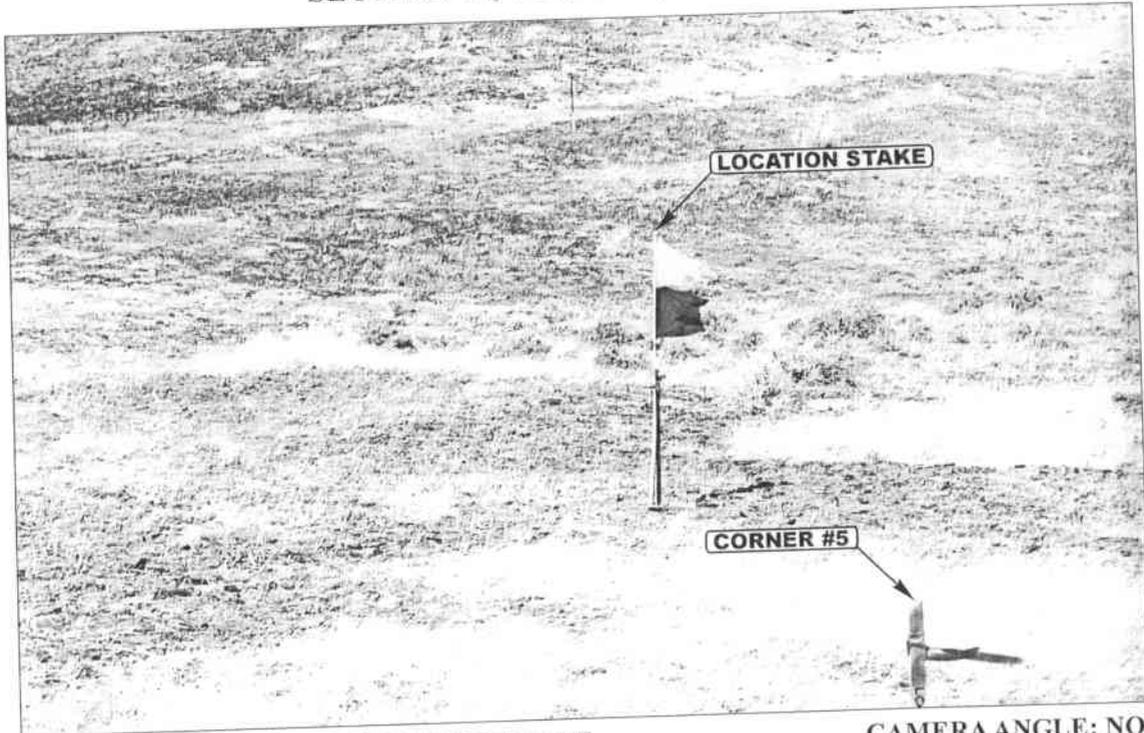


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

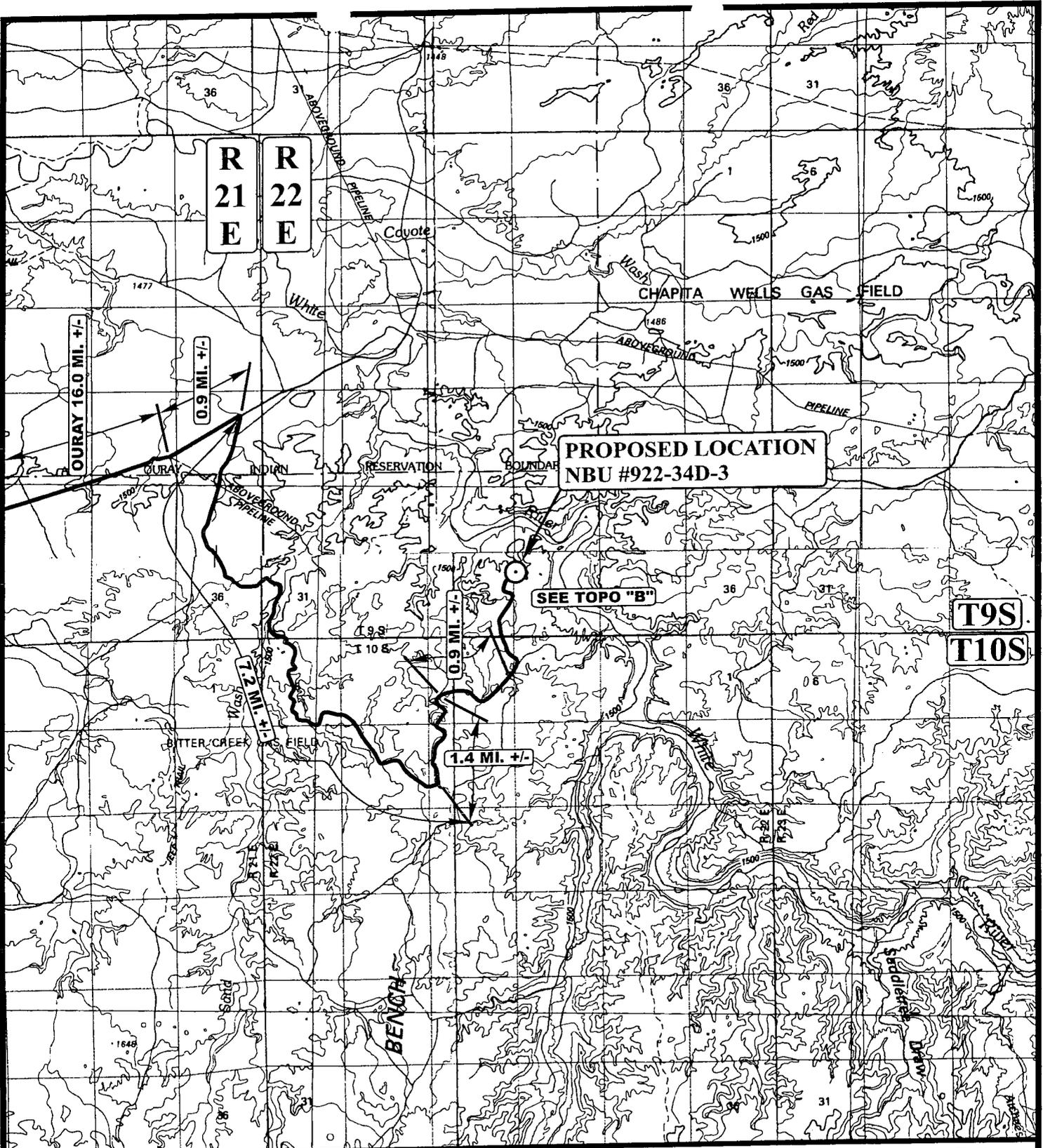
CAMERA ANGLE: SOUTHEASTERLY



- Since 1964 -

U E L S Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS	03	27	06	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: P.J.	DRAWN BY: B.C.		REVISED: 00-00-00	



LEGEND:

⊙ PROPOSED LOCATION

Kerr-McGee Oil & Gas Onshore LP

NBU #922-34D-3

SECTION 34, T9S, R22E, S.L.B.&M.

1217' FNL 162' FWL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



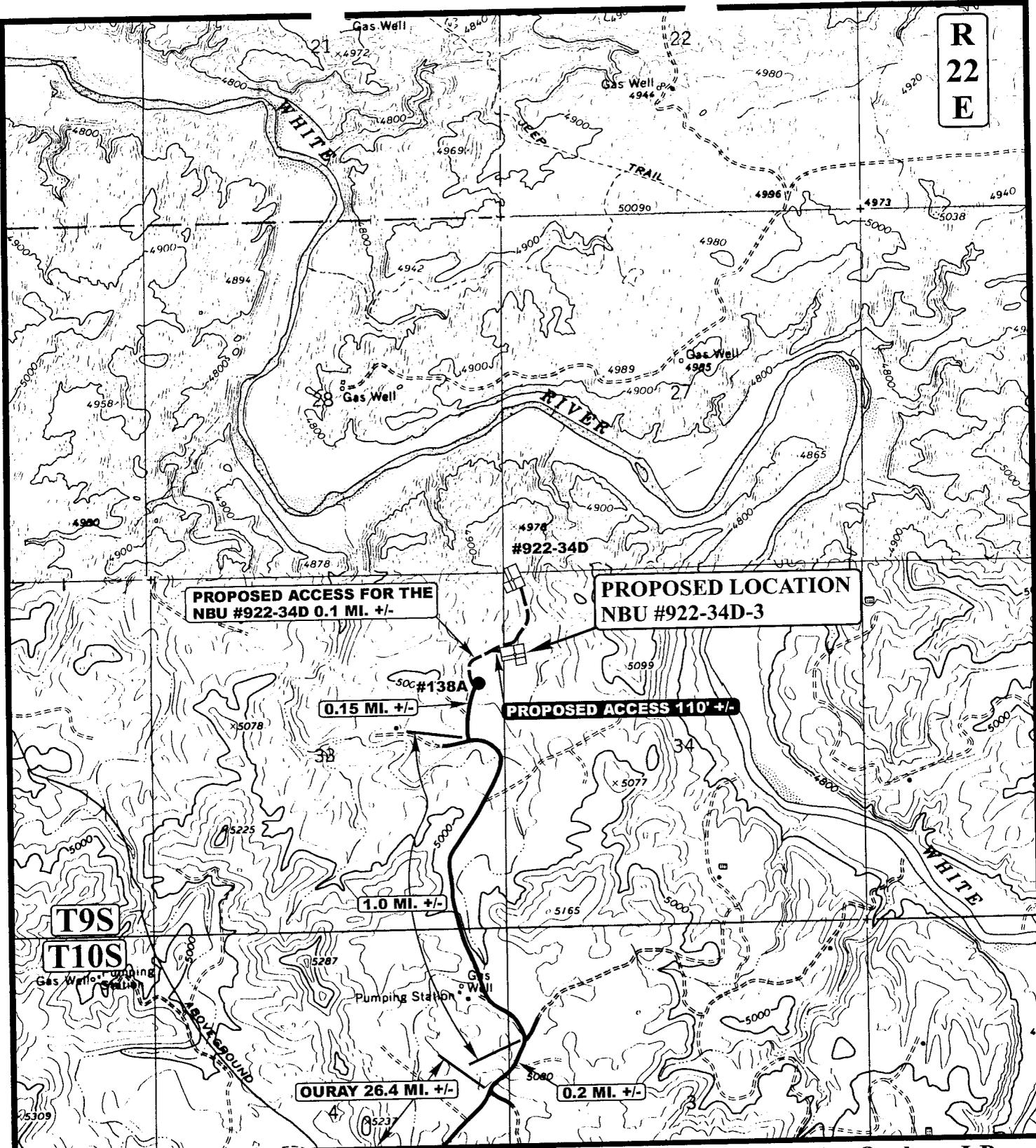
TOPOGRAPHIC
MAP

03	27	06
MONTH	DAY	YEAR

SCALE: 1:100,000 DRAWN BY: B.C. REVISED: 00-00-00



R
22
E



PROPOSED ACCESS FOR THE
NBU #922-34D 0.1 MI. +/-

PROPOSED LOCATION
NBU #922-34D-3

0.15 MI. +/-

PROPOSED ACCESS 110' +/-

1.0 MI. +/-

OURAY 26.4 MI. +/-

0.2 MI. +/-

LEGEND:

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD



Kerr-McGee Oil & Gas Onshore LP

NBU #922-34D-3
SECTION 34, T9S, R22E, S.L.B.&M.
1217' FNL 162' FWL



Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

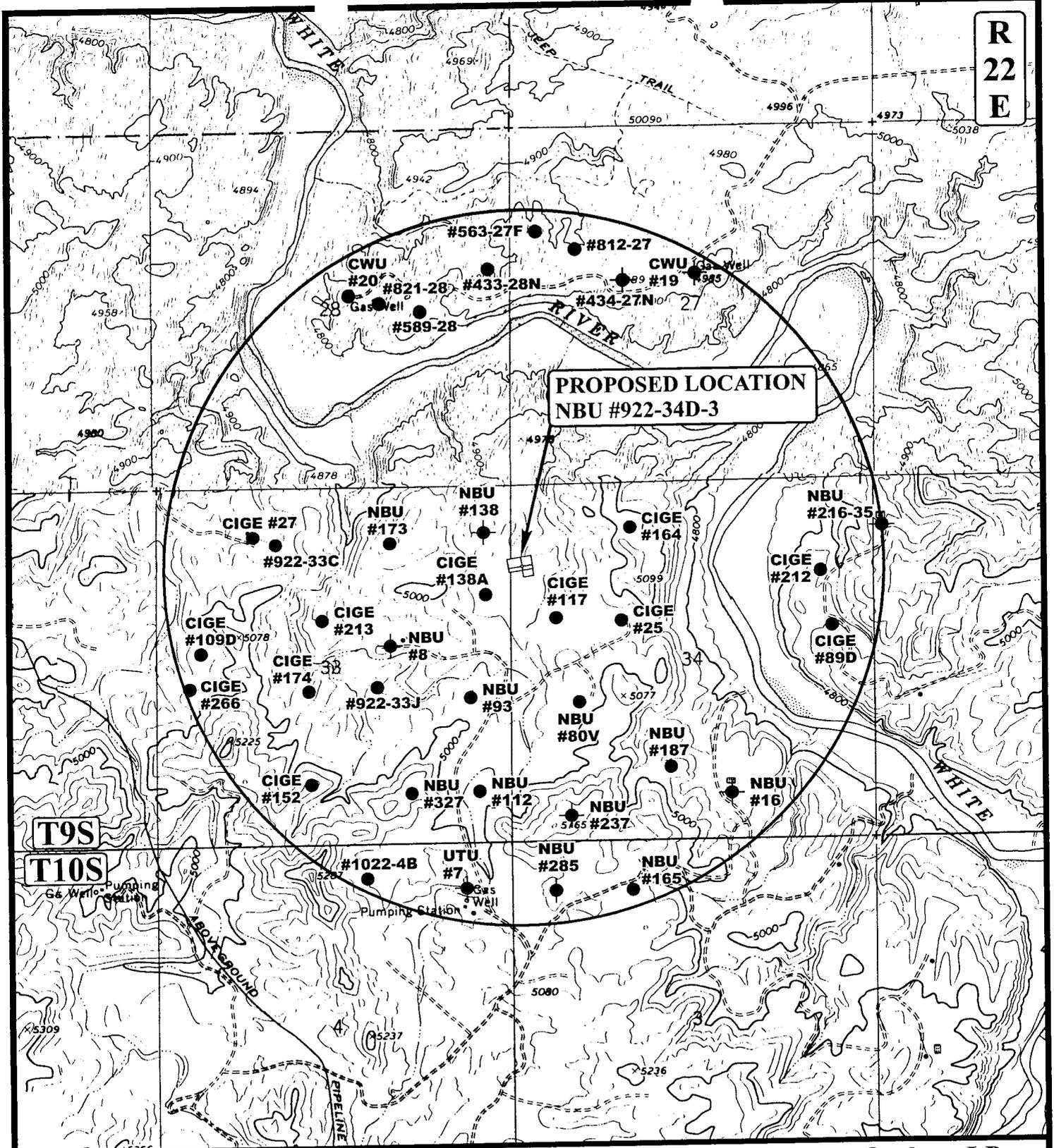
TOPOGRAPHIC
MAP

03 27 06
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: B.C. REVISED: 00-00-00

B
TOPO

R
22
E



PROPOSED LOCATION
NBU #922-34D-3

LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

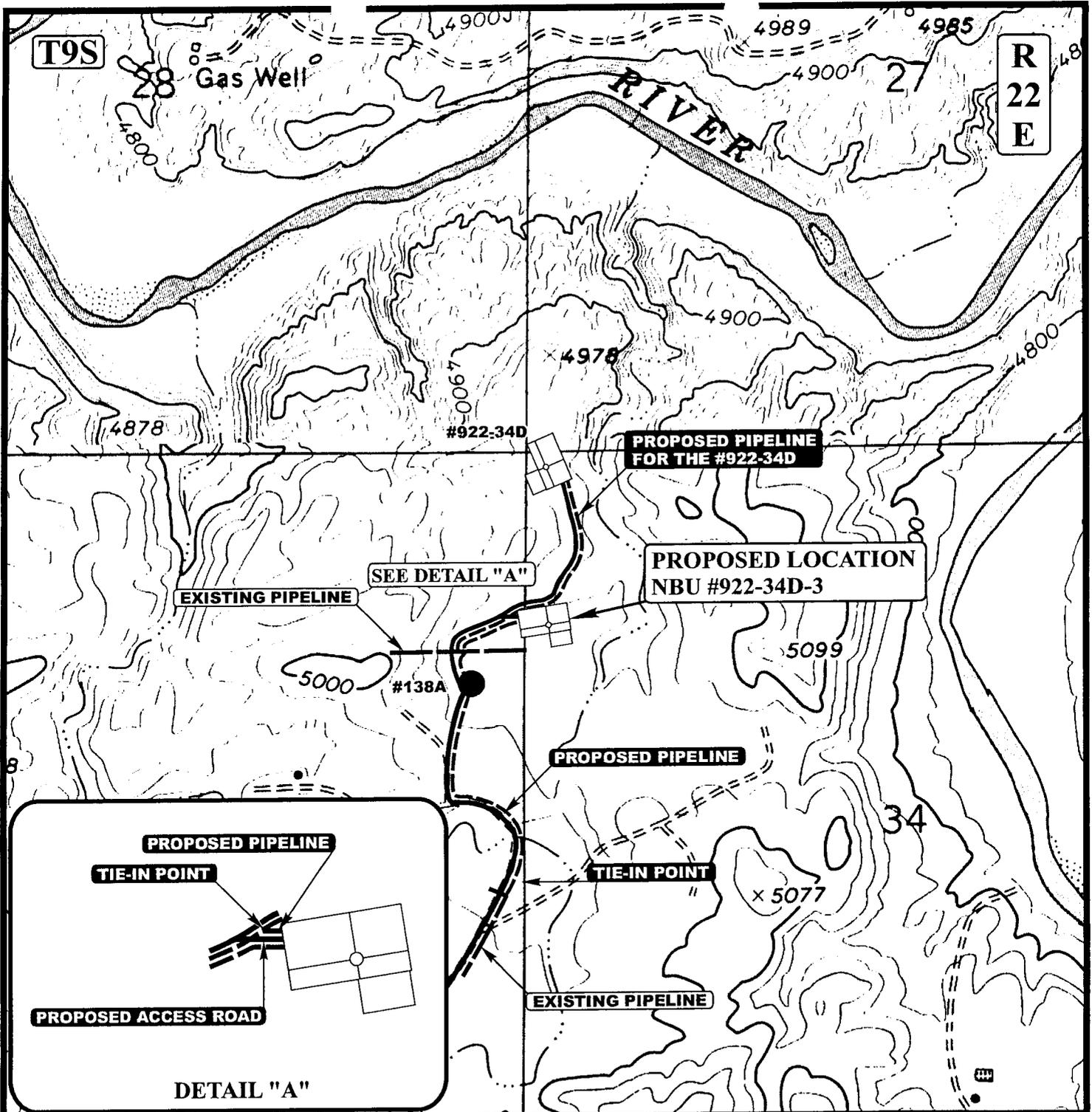
Kerr-McGee Oil & Gas Onshore LP

NBU #922-34D-3
 SECTION 34, T9S, R22E, S.L.B.&M.
 1217' FNL 162' FWL

U&S Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



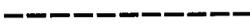
TOPOGRAPHIC MAP	03	27	06	C TOPO
	MONTH	DAY	YEAR	
SCALE: 1" = 2000'		DRAWN BY: B.C.		REVISED: 00-00-00



APPROXIMATE TOTAL LOW-PRESSURE PIPELINE DISTANCE = 30' +/-

APPROXIMATE TOTAL HIGH-PRESSURE PIPELINE DISTANCE = 2,600' +/-

LEGEND:

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE
-  PROPOSED PIPELINE (SERVICING OTHER WELLS)

Kerr-McGee Oil & Gas Onshore LP

NBU #922-34D-3
SECTION 34, T9S, R22E, S.L.B.&M.
1217' FNL 162' FWL



Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC 03 27 06
MAP MONTH DAY YEAR
SCALE: 1" = 1000' DRAWN BY: B.C. REVISED: 07-05-06C.P.



Kerr-McGee Oil & Gas Onshore LP

NBU #922-34D-3

PIPELINE ALIGNMENT

LOCATED IN UINTAH COUNTY, UTAH

SECTION 34, T9S, R22E, S.L.B.&M.

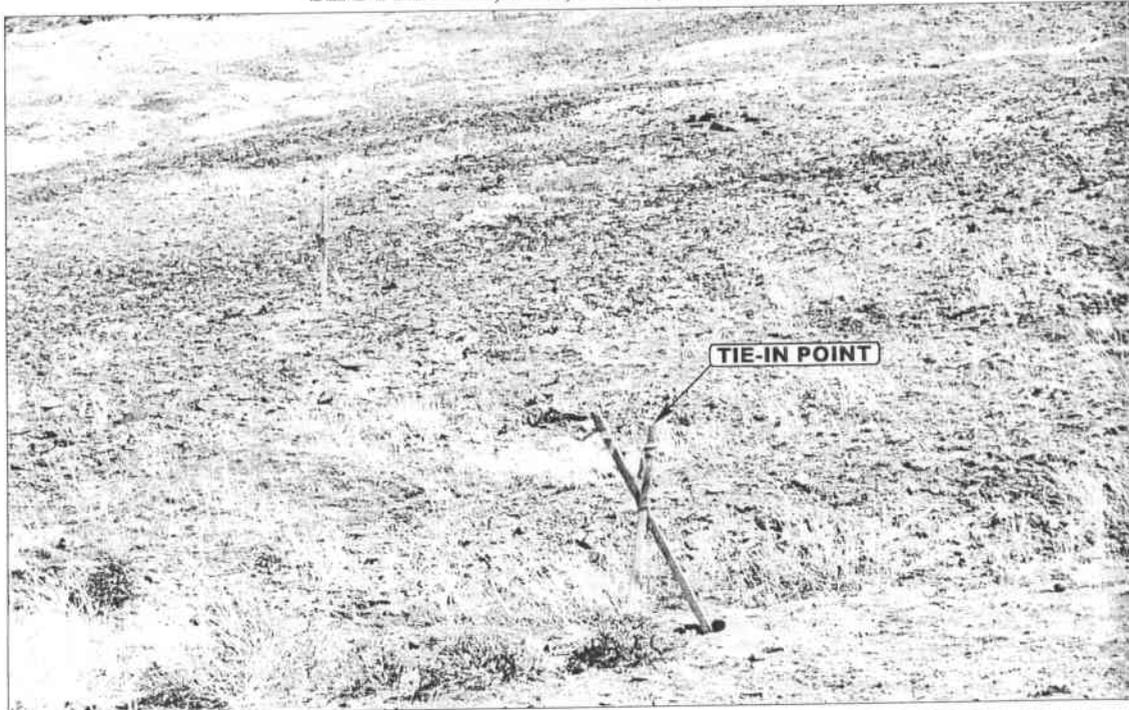


PHOTO: VIEW OF TIE-IN POINT

CAMERA ANGLE: SOUTHEASTERLY

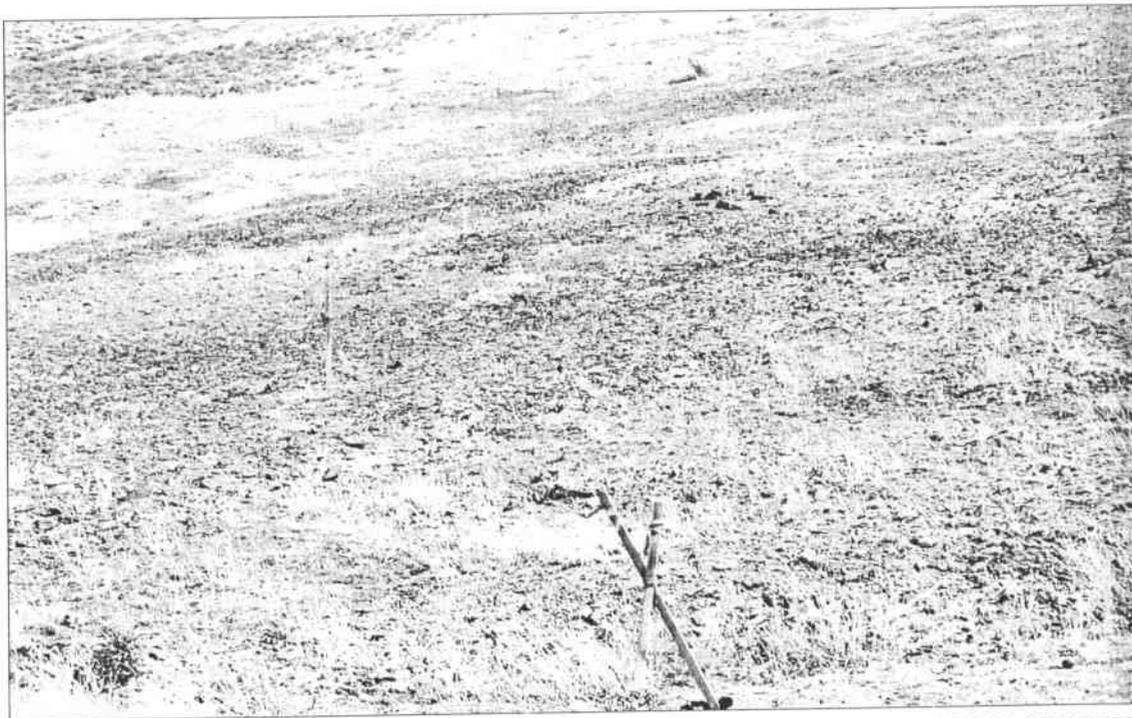


PHOTO: VIEW OF PIPELINE ALIGNMENT

CAMERA ANGLE: SOUTHEASTERLY



- Since 1964 -

UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

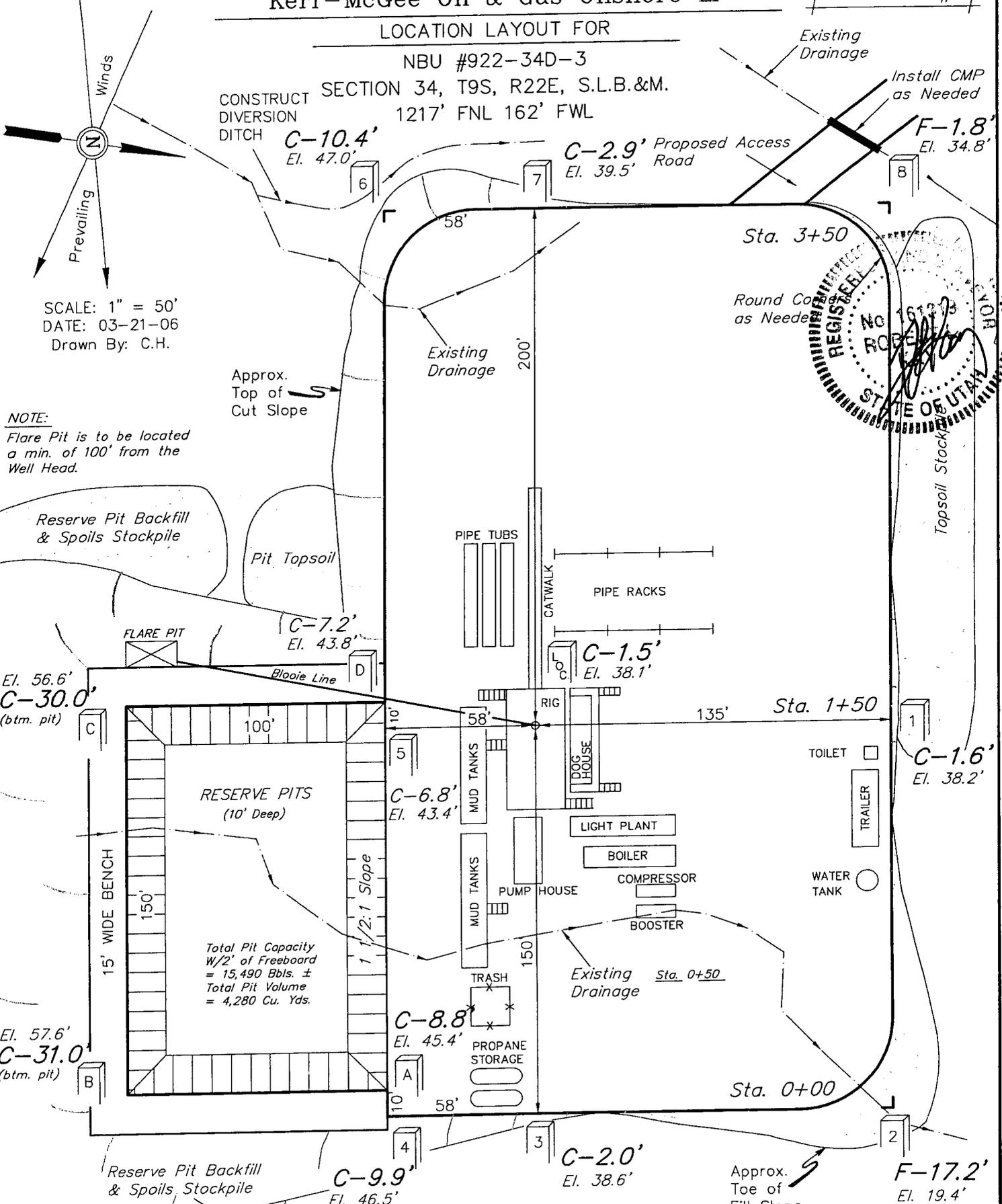
PIPELINE PHOTOS	03	27	06	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: P.J.	DRAWN BY: B.C.		REVISED: 00-00-00	

Kerr-McGee Oil & Gas Onshore LP

FIGURE #1

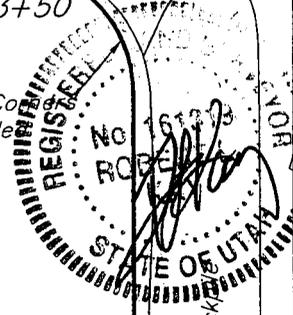
LOCATION LAYOUT FOR

NBU #922-34D-3
SECTION 34, T9S, R22E, S.L.B.&M.
1217' FNL 162' FWL



SCALE: 1" = 50'
DATE: 03-21-06
Drawn By: C.H.

NOTE:
Flare Pit is to be located
a min. of 100' from the
Well Head.



El. 56.6'
C-30.0'
(btm. pit)

El. 57.6'
C-31.0'
(btm. pit)

RESERVE PITS
(10' Deep)

Total Pit Capacity
W/2' of Freeboard
= 15,490 Bbbls. ±
Total Pit Volume
= 4,280 Cu. Yds.

NOTES:
Elev. Ungraded Ground At Loc. Stake = 4938.1'
FINISHED GRADE ELEV. AT LOC. STAKE = 4936.6'

Kerr-McGee Oil & Gas Onshore LP

FIGURE #2

TYPICAL CROSS SECTIONS FOR

NBU #922-34D-3

SECTION 34, T9S, R22E, S.L.B.&M.

1217' FNL 162' FWL

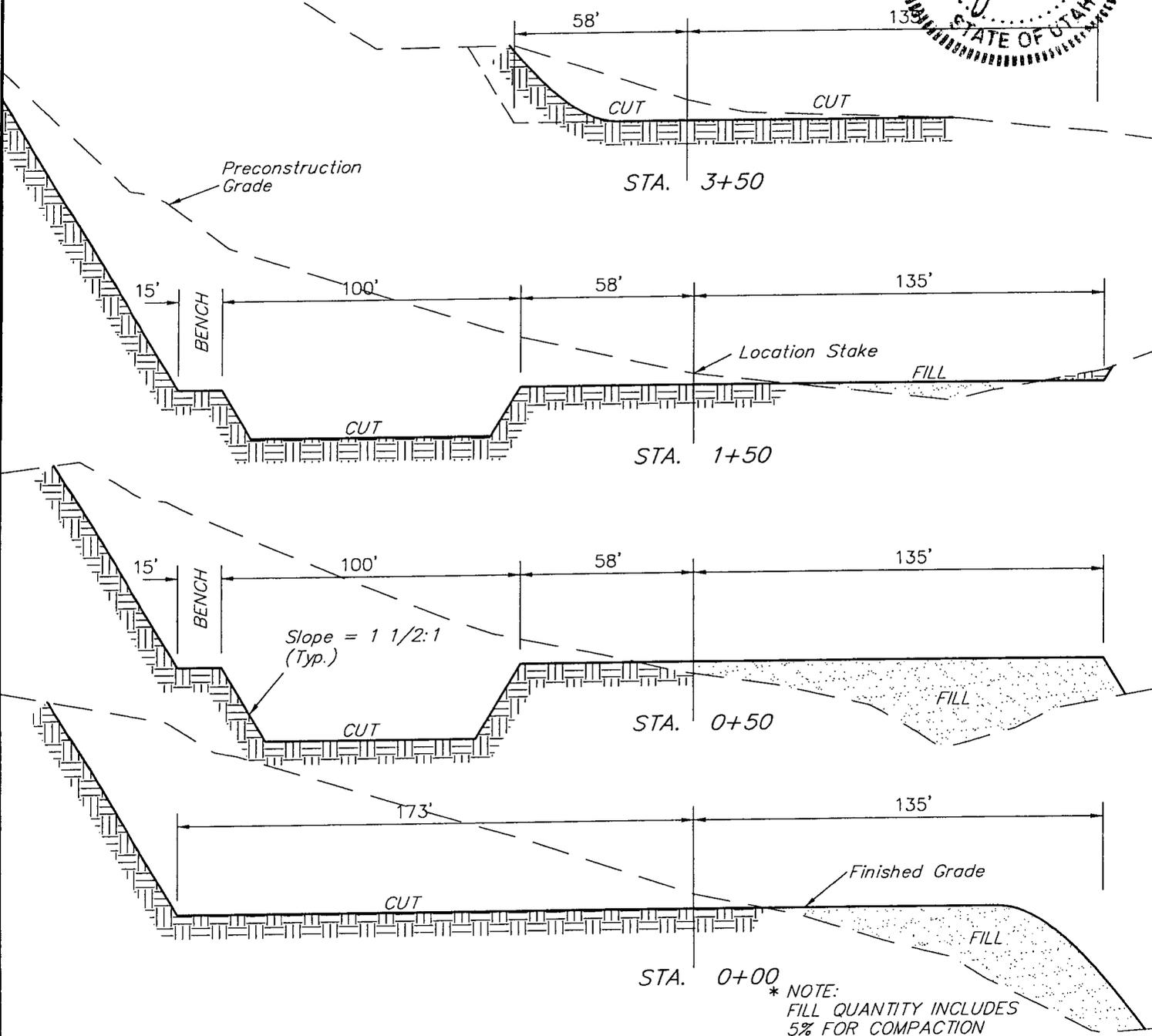
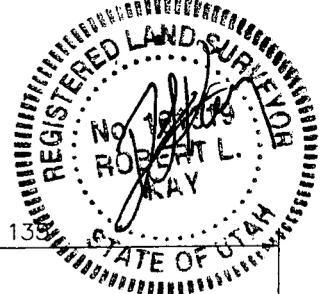
1" = 20'

X-Section Scale

1" = 50'

DATE: 03-21-06

Drawn By: C.H.



* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 2,210 Cu. Yds.
Remaining Location	= 24,510 Cu. Yds.
TOTAL CUT	= 26,720 CU.YDS.
FILL	= 5,510 CU.YDS.

EXCESS MATERIAL	= 21,210 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 4,350 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 16,860 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 08/28/2006

API NO. ASSIGNED: 43-047-38512

WELL NAME: NBU 922-34D-3
 OPERATOR: KERR-MCGEE OIL & GAS (N2995)
 CONTACT: SHEILA UPCHEGO

PHONE NUMBER: 435-781-7024

PROPOSED LOCATION:

NWNW 34 090S 220E
 SURFACE: 1217 FNL 0162 FWL
 BOTTOM: 1217 FNL 0162 FWL
 COUNTY: UINTAH
 LATITUDE: 39.99646 LONGITUDE: -109.4343
 UTM SURF EASTINGS: 633663 NORTHINGS: 4428328
 FIELD NAME: NATURAL BUTTES (630)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-0149077
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: WSMVD
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. WY-2357)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-8496)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- R649-2-3.
- Unit: NATURAL BUTTES
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: 17314
Eff Date: 12-2-1999
Siting: 460 fr 1/4 bdr? well control. flow
- R649-3-11. Directional Drill

COMMENTS: Sup, separate file

STIPULATIONS: 1- Fee Surf Agreement
2- OIL SHALE



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

August 29, 2006

Kerr McGee Oil & Gas Onshore LP
1368 S 1200 E
Vernal, UT 84078

Re: Natural Buttes Unit 922-34D-3 Well, 1217' FNL, 162' FWL, NW NW, Sec. 34,
T. 9 South, R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38512.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

Operator: Kerr McGee Oil & Gas Onshore LP
Well Name & Number Natural Buttes Unit 922-34D-3
API Number: 43-047-38512
Lease: UTU-0149077

Location: NW NW **Sec.** 34 **T.** 9 South **R.** 22 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

5. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

UTU-0149077

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

UNIT #8910089 00A

8. Well Name and No.

NBU 922-34D-3

9. API Well No.

4304738512

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

KERR MCGEE OIL AND GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST, VERNAL, UTAH 84078

3b. Phone No. (include area code)

(435)781-7003

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**1217' FNL, 162' FWL
NWNW, SEC 34-T9S-R22E**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other APD EXTENSION
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	DOG M
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE DIVISION OF OIL, GAS AND MINING ON AUGUST 29, 2006

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 07-18-07
By: [Signature]

RECEIVED
JUL 17 2007

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RAMEY HOOPES

Title

LAND SPECIALIST I

Signature

[Signature]

Date

July 5, 2007

DIV. OF OIL, GAS & MINING

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

7-20-07
RM

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 4304738512
Well Name: NBU 922-34D-3
Location: NWNW, SEC 34-T9S-R22E
Company Permit Issued to: KERR-MCGEE OIL AND GAS ONSHORE LP
Date Original Permit Issued: 8/29/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes No

Has the approved source of water for drilling changed? Yes No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No

Is bonding still in place, which covers this proposed well? Yes No

Ramey Hoopes
Signature

7/5/2007
Date

Title: LAND SPECIALIST I

Representing: Kerr McGee Oil and Gas Onshore LP

RECEIVED
JUL 17 2007
DIV. OF OIL, GAS & MINING

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0149077
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: 891008900A
2. NAME OF OPERATOR: Kerr-McGee Oil & Gas Onshore, LP		8. WELL NAME and NUMBER: NBU 922-34D-3
3. ADDRESS OF OPERATOR: P.O. Box 173779 CITY Denver STATE CO ZIP 80217-3779		9. API NUMBER: 4304738512
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1217' FNL & 162' FWL		10. FIELD AND POOL, OR WILDCAT: Natural Buttes Field
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 34 9S 22E		COUNTY: Uintah
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>APD Extension</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Kerr-McGee Oil & Gas Onshore, LP, respectfully requests an APD Extension for one year for this location, so that drilling operations may be completed. The original APD was approved by the Utah Division of Oil, Gas, and Mining on 8/29/2006.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 07-14-08
By: [Signature]

COPY SENT TO OPERATOR

Date: 7.15.2008
Initials: KS

NAME (PLEASE PRINT) <u>Kevin McIntyre</u>	TITLE <u>Regulatory Analyst I</u>
SIGNATURE <u>[Signature]</u>	DATE <u>7/9/2008</u>

(This space for State use only)

RECEIVED
JUL 11 2008
DIV. OF OIL, GAS & MINING



**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 4304738512
Well Name: NBU 922-34D-3
Location: NWNW, Sec. 34, T9S R22E
Company Permit Issued to: Kerr-McGee Oil & Gas Onshore, LP
Date Original Permit Issued: 8/29/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes No

Has the approved source of water for drilling changed? Yes No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No

Is bonding still in place, which covers this proposed well? Yes No



Signature

7/9/2008

Date

Title: Regulatory Analyst I

Representing: Kerr-McGee Oil & Gas Onshore, LP

RECEIVED

JUL 11 2008

DIV. OF OIL, GAS & MINING

RECEIVED

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

AUG 24 2006

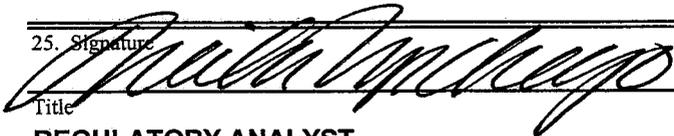
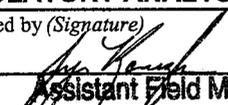
APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-0149077
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator KERR MCGEE OIL & GAS ONSHORE LP		7. If Unit or CA Agreement, Name and No. UNIT #891008900A
3A. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078	3b. Phone No. (include area code) (435) 781-7024	8. Lease Name and Well No. NBU 922-34D-3
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SWNWNW 1217'FNL, 162'FWL At proposed prod. Zone		9. API Well No. 43-047-38512
14. Distance in miles and direction from nearest town or post office* 27.85 MILES SOUTHEAST OF OURAY, UTAH		10. Field and Pool, or Exploratory NATURAL BUTTES
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 162'	16. No. of Acres in lease 600.00	11. Sec., T., R., M., or Blk. and Survey or Area SEC. 34, T9S, R22E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C	17. Spacing Unit dedicated to this well 20.00	12. County or Parish UINTAH
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4938'UNGRADED GL	19. Proposed Depth 8900'	13. State UTAH
22. Approximate date work will start*		20. BLM/BIA Bond No. on file BOND NO: WY-2357 WYB000291
23. Estimated duration		

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|---|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized office. |

25. Signature 	Name (Printed/Typed) SHEILA UPCHEGO	Date 8/24/2006
Title REGULATORY ANALYST		
Approved by (Signature) 	Name (Printed/Typed) JERRY NOWICKA	Date SEP 10 2008
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED

SEP 16 2008

NOTICE OF APPROVAL

DIV. OF OIL, GAS & MINING

UDOGM

06BM1479A

NDS 04107106



**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE**

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Kerr McGee Oil & Gas Onshore LP
Well No: NBU 922-34D-3
API No: 43-047-38512

Location: SWNWNW, Sec. 34, T9S, R22E
Lease No: UTU-0149077
Agreement: Natural Buttes Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

**SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.
- During operations, if any vertebrate paleontological resources are discovered, all operations affecting such sites shall be immediately suspended, and all discoveries shall be left intact until authorized to proceed by the Authorized Officer. The appropriate Authorized Officer of the Vernal BLM office shall be notified within 48 hrs of the discovery, and a decision as to the preferred alternative/course of action will be rendered.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural contours, topsoil respread where appropriate, and the entire location seeded with the recommended seed mix. Seeding shall take place by broadcasting the seed and walking it into the soil with a dozer immediately after the dirt work is completed.
- Seeding shall occur in the fall (August 1st until snow or ground is frozen) with the recommended seed mix:

Crested Wheatgrass	<i>Agropyron cristatum</i>	2 lbs. /acre
Western Wheatgrass	<i>Agropyron smithii</i>	2 lbs. /acre
Ladak alfalfa	<i>Medicago sativa var. Ladak</i>	1 lbs. /acre
Shadscale	<i>Atriplex confertifolia</i>	2 lbs. /acre
Fourwing saltbush	<i>Atriplex canescens</i>	3 lbs. /acre

- All pounds are in pure live seed.
 - Reseeding may be required if first seeding is not successful
- If activities are proposed during the golden eagle nesting season, a biologist acceptable to the BLM representative will conduct a survey to determine the activity of the nest. No surface disturbance or construction will occur from February 1st through July 15th within 0.5 mile of an active nest.

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- Production casing cement shall be brought up and into the surface casing. The minimum cement top is 500 ft above the surface casing shoe. Cement Top (TOC) standard will place cement behind casing across formation lost circulation zone, Birds Nest Zone.
- A cement Bond Log (CBL) shall be run from the production casing shoe to the surface casing shoe. A field copy of the CBL shall be submitted to the BLM Vernal Field Office.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location ($\frac{1}{4}$ $\frac{1}{4}$, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

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

FORM 6

ENTITY ACTION FORM

Operator: KERR McGEE OIL & GAS ONSHORE LP Operator Account Number: N 2995
 Address: 1368 SOUTH 1200 EAST
 city VERNAL
 state UT zip 84078 Phone Number: (435) 781-7024

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304740172	NBU 921-27OT		SWSE	27	9S,	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<u>B</u>	99999	<u>2900</u>	12/7/2008			<u>12/16/08</u>	
Comments: MIRU PETE MARTIN BUCKET RIG. <u>WSMVD</u> SPUD WELL LOCATION ON 12/07/2008 AT 1100 HRS							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304738512	NBU 922-34D-3		NWNW	<u>34</u>	9S,	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<u>B</u>	99999	<u>2900</u>	12/7/2008			<u>12/16/08</u>	
Comments: MIRU PETE MARTIN BUCKET RIG. <u>WSMVD</u> SPUD WELL LOCATION ON 12/07/2008 AT 1500 HRS.							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

SHEILA UPCHEGO

Name (Please Print)

(Handwritten Signature)

Signature

REGULATORY ANALYST

12/8/2008

Title

Date

RECEIVED

DEC 08 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.
UTU0149077

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
UNIT #8910089000A

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

8. Well Name and No.
NBU 922-34D-3

9. API Well No.
43-047-38512

10. Field and Pool, or Exploratory
NATURAL BUTTES

11. County or Parish, and State
UINTAH, COUNTY, UT

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator Contact: SHEILA UPCHEGO
KERR-MCGEE OIL & GAS ONSHORE Email: sheila.upchego@anadarko.com

3a. Address 3b. Phone No. (include area code)
1368 SOUTH 1200 EAST Ph: 435-781-7024
VERNAL, UT 84078

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 34 T9S R22E NWNW 1217FNL 162FWL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Drilling Operations
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

MIRU PROPETRO AIR RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 36.7# SCHEDULE 10 PIPE. CMT W/28 SX READY MIX.

SPUD WELL LOCATION ON 12/07/2008 AT 1500 HRS.

RECEIVED

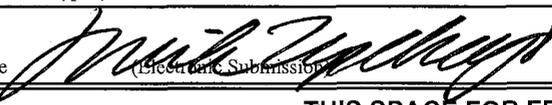
DEC 09 2008

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #65323 verified by the BLM Well Information System
For KERR-MCGEE OIL & GAS ONSHORE L, sent to the Vernal

Name (Printed/Typed) SHEILA UPCHEGO

Title OPERATIONS

Signature 

Date 12/08/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.
UTU0149077

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
UNIT #891008900A

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

8. Well Name and No.
NBU 922-34D-3

9. API Well No.
43-047-38512

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
KERR-MCGEE OIL & GAS ONSHORE
Contact: SHEILA UPCHEGO
Email: sheila.upchego@anadarko.com

3a. Address
1368 SOUTH 1200 EAST
VERNAL, UT 84078

3b. Phone No. (include area code)
Ph: 435-781-7024

10. Field and Pool, or Exploratory
NATURAL BUTTES

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 34 T9S R22E NWNW 1217FNL 162FWL

11. County or Parish, and State
UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Drilling Operations
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

MIRU PROPETRO AIR RIG ON 12/11/2008. DRILLED 12 1/4" SURFACE HOLE TO 2420'. RAN 9 5/8" 36# J-55 SURFACE CSG. CMT W/350 SX PREM CLASS G @15.8 PPG 1.15 YIELD. NO RETURNS THROUGH OUT JON 230 PSI LIFT. TOP OUT W/100 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE. 2ND TOP OUT W/150 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE. 3RD TOP OUT W/100 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE GOOD CMT TO SURFACE HOLE STAYED FULL.

WORT

RECEIVED
DEC 18 2008

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #65622 verified by the BLM Well Information System
For KERR-MCGEE OIL & GAS ONSHORE L, sent to the Vernal

Name (Printed/Typed) SHEILA UPCHEGO

Title OPERATIONS

Signature 

Date 12/16/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU0149077
2. Name of Operator KERR-MCGEE OIL & GAS ONSHORE		6. If Indian, Allottee or Tribe Name
Contact: SHEILA UPCHEGO Email: sheila.upchego@anadarko.com		7. If Unit or CA/Agreement, Name and/or No. UNIT #891008900A
3a. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 435-781-7024	8. Well Name and No. NBU 922-34D-3
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 34 T9S R22E NWNW 1217FNL 162FWL		9. API Well No. 43-047-38512
		10. Field and Pool, or Exploratory NATURAL BUTTES
		11. County or Parish, and State UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Drilling Operations
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

FINISHED DRILLING FROM 2420' TO 8975' ON 12/28/2008. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/494 SX PREM LITE II @12.0 PPG 2.37 YIELD. TAILED CMT W/1160 SX 50/50 POZ @14.3 PPG 1.31 YIELD. DROP PLUG & DISPLACE W/139 BBLs OF H2O TREATED WITH MAGNACIDE LOSS CIRC 38 BBLs TO GO 2500 PSI LIFT. FLOATS HELD. FLUSH STACK LAYDOWN JT NIPPLE DOWN BOPS. PACK OFF WELL HEAD INSTALL NIGHT CAP.

RELEASED PIONEER RIG 69 ON 12/30/2008 AT 1200 HRS.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #65966 verified by the BLM Well Information System For KERR-MCGEE OIL & GAS ONSHORE L, sent to the Vernal	
Name (Printed/Typed) SHEILA UPCHEGO	Title OPERATIONS
Signature  (Electronic Submission)	Date 12/31/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED

IAN 05 2009

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU0149077
2. Name of Operator KERR-MCGEE OIL & GAS ONSHORE		6. If Indian, Allottee or Tribe Name
3a. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078		7. If Unit or CA/Agreement, Name and/or No. UNIT #891008900A
3b. Phone No. (include area code) Ph: 435-781-7024		8. Well Name and No. NBU 922-34D-3
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 34 T9S R22E NWNW 1217FNL 162FWL		9. API Well No. 43-047-38512
		10. Field and Pool, or Exploratory NATURAL BUTTES
		11. County or Parish, and State UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Production Start-up
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

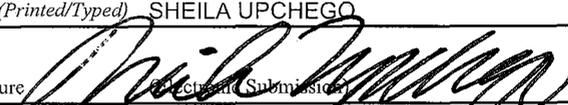
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 02/13/2009 AT 2:45 PM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #67540 verified by the BLM Well Information System
For KERR-MCGEE OIL & GAS ONSHORE L, sent to the Vernal

Name (Printed/Typed) SHEILA UPCHEGO	Title OPERATIONS
Signature 	Date 02/24/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

RECEIVED
MAR 02 2009

DIV. OF OIL, GAS & MINING

ROCKIES

Operation Summary Report

Well: NBU 922-34D-3		Spud Conductor: 12/7/2008		Spud Date: 12/11/2008	
Project: UTAH		Site: UINTAH		Rig Name No: PROPETRO/, PIONEER 68/68	
Event: DRILLING		Start Date: 12/10/2008		End Date: 12/30/2008	
Active Datum: RKB @4,956.00ft (above Mean Sea Level)		UWI: 0/9/S/22/E/34/0/NW/NW/6/PM/N/1,217.00/W/0/162.00/0/0			

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
12/11/2008	18:00 - 0:00	6.00	DRLSUR	02		P		MOVE IN AND RIG UP AIR RIG SPUD WELL @ 1800 HR 12/11/08 DA AT REPORT TIME 480'
12/12/2008	0:00 - 12:00	12.00	DRLSUR	02		P		RIG DRILLING AHEAD NO WATER 1020'
	12:00 - 0:00	12.00	DRLSUR	02		P		RIG DRILLING AHEAD NO WATER 1410'
12/13/2008	0:00 - 12:00	12.00	DRLSUR	02		P		RIG DRILLING AHEAD HIT TRONA WATER @ 1560' CIRCULATING WITH SKID PUMP 1680'
	12:00 - 0:00	12.00	DRLSUR	02		P		RIG DRILLING AHEAD CIRCULATING WITH SKID PUMP 1920'
12/14/2008	0:00 - 0:00	24.00	DRLSUR					NO VISIBLE LEAKS PIT 40% FULL WORT
	0:00 - 12:00	12.00	DRLSUR	02		P		RIG T/D @ 2420' CONDITION HOLE 1 HR RUN SURVEY 2 DEG. NO CIRCULATION
	12:00 - 15:00	3.00	DRLSUR	05		P		TRIP DP OUT OF HOLE
	15:00 - 19:00	4.00	DRLSUR	11		P		RUN 2382' OF 9 5/8 CSG HAD TO PUMP DOWN LAST JNT RIG DOWN AIR RIG
	19:00 - 20:00	1.00	DRLSUR	15		P		CEMENT 1ST STAGE WITH 350 SKS TAIL @ 15.8# 1.15 5.0 GAL/SK NO RETURNS THRU OUT JOB 230 PSI LIFT
	20:00 - 20:30	0.50	DRLSUR	15		P		1ST TOP JOB 100 SKS DOWN BS WOC
	20:30 - 22:30	2.00	DRLSUR	15		P		2ND TOP JOB 150 SKS DOWN BS WOC
	22:30 - 0:00	1.50	DRLSUR	15		P		3RD TOP JOB 100 SKS DOWN BS GOOD CMT TO SURFACE AND STAYED AT SURFACE
12/17/2008	12:00 - 0:00	12.00	DRLPRO	01	E	P		RIGGING DOWN
12/18/2008	0:00 - 8:00	8.00	DRLPRO	01	E	P		RIGGING DOWN
	8:00 - 17:00	9.00	DRLPRO	01	A	P		(SAFETY MEETING) MOVE RIG TO NBU 922-34-3 LOCATION & ROAD BLADED SNOW OFF BY STUBBS BUT VERY SLICK ROAD CONDITIONS. SET SUB & ATTEMPT TO SET MUD PITS.GROUND TO SOFT RESERVE PIT LINER WAS BURRIED BUT GROUND WAS TO SOFT & WOULD CAUSE LEAKING UNDER LINER.HOLE WAS FOUND IN LINER. STUBBS CALLED IN TO REPAIR
	17:00 - 0:00	7.00	DRLPRO	12	D	P		WAITING ON DAYLIGHTS
12/19/2008	0:00 - 8:00	8.00	DRLPRO	12	D	P		IDLE, WAIT ON DAYLIGHTS
	8:00 - 14:00	6.00	DRLPRO	01	A	P		(HELD SAFETY MEETING) MOVE & SET RIG, RAISE DERRICK OFF CARRIER & SCOPE SUB, SET WIND WALLS & STAIRS W/ CRANE ASSISTANCE. L & S TRUCKING 3 BED, 4 HAUL, 2 FORK LIFTS, 1 SWAMPER, 1 PUSHER L&S RELEASED @ 13:00 J& C ENTERPRISE 1 OPERATOR, 2 SWAMPERS J& C RELEASED @ 14:00
	14:00 - 0:00	10.00	DRLPRO	01	B	P		WORK ON BLOCKS, SCOPE DERRICK & RURT
12/20/2008	0:00 - 11:00	11.00	DRLPRO	01	B	P		RURT
	11:00 - 16:30	5.50	DRLPRO	13	A	P		NIPPLE UP BOP, CHOKE LINE, SUPER CHOKE & FLARE LINES, ETC. FUNCTION TEST BOP
	16:30 - 22:30	6.00	DRLPRO	13	C	P		(HELD SAFETY MEETING) RIG UP B & C QUICK TEST, TEST PIPE RAMS, BLIND RAMS, CHOKE & ALL FLOOR RELATED VALES 250 - 5000 PSI. TEST ANNULAR 250 - 2500 PSI. TEST CSG TO 1500 PSI & HOLD F/ 30 MIN. SUPER CHOKE NOT OPERATING WAITING ON ZECO F/ NEW SUPERCHOKE. TESTER ON HOLD.

ROCKIES

Operation Summary Report

Well: NBU 922-34D-3

Spud Conductor: 12/7/2008

Spud Date: 12/11/2008

Project: UTAH

Site: UINTAH

Rig Name No: PROPETRO/, PIONEER 68/68

Event: DRILLING

Start Date: 12/10/2008

End Date: 12/30/2008

Active Datum: RKB @4,956.00ft (above Mean Sea Level)

UWI: 0/9/S/22/E/34/0/NWNW/6/PM/N/1,217.00/W/0/162.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
	22:30 - 0:00	1.50	DRLPRO	05	A	P		(HELD SAFETY MEETING W/ WEATHERFORD)
12/21/2008	0:00 - 1:30	1.50	DRLPRO	13	D	P		INSTALL WEAR BUSHING.RIG UP
	1:30 - 5:00	3.50	DRLPRO	05	A	P		WEATHERFORD EQUIPMENT,PICK UP BHA
	5:00 - 7:30	2.50	DRLPRO	06	D	P		CHANGE OUT SUPER CHOKE W/ RENTAL &
	7:30 - 8:30	1.00	DRLPRO	13	B	P		TEST 250 - 5000 PSI
	8:30 - 10:00	1.50	DRLPRO	02	F	P		FINISH PICKING UP 47 JTS DP TO 2168',RIG
	10:00 - 22:00	12.00	DRLPRO	07	A	S		DOWN WEATHERFORD.
	22:00 - 0:00	2.00	DRLPRO	07	A	P		SLIP & CUT DRILLING LINE
12/22/2008	0:00 - 3:00	3.00	DRLPRO	07	A	P		INSTALL ROTATING HEAD & DO PRE SPUD RIG
	3:00 - 4:30	1.50	DRLPRO	02	F	P		INSPECTION.
	4:30 - 5:30	1.00	DRLPRO	02	B	P		ATTEMPT TO DRILL CEMENT & FLOAT
	5:30 - 6:00	0.50	DRLPRO	09	A	P		EQUIPMENT.BLOCKS KEEP COMING UNLOCKED.
	6:00 - 15:30	9.50	DRLPRO	02	B	P		FLOAT NOT DRILLED YET.
	15:30 - 16:00	0.50	DRLPRO	06	A	P		WAIT ON MECHANIC TO WORK ON
	16:00 - 0:00	8.00	DRLPRO	02	B	P		BLOCKS.WAIT ON CRANE & STRING UP CREW
12/23/2008	0:00 - 0:30	0.50	DRLPRO	02	B	P		TO REPLACE BLOCKS
	0:30 - 1:00	0.50	DRLPRO	09	A	P		SWITCH OUT & RESTRING BLOCKS
	1:00 - 12:00	11.00	DRLPRO	02	B	P		SWITCH OUT & RESTRING BLOCKS. REPAIR
	12:00 - 12:30	0.50	DRLPRO	06	A	P		BROKE AIRLINE.
	12:30 - 13:00	0.50	DRLPRO	04	D	P		DRILL FE. ROTARY SPUD @ 04:30 12/22/2008
	13:00 - 20:00	7.00	DRLPRO	02	B	P		CMT TOP 2385', FLOAT 2389', SHOE 2432'
	20:00 - 20:30	0.50	DRLPRO	09	A	P		DRILL F/ 2438' - 2557' 119' TOTAL @ 119' HR
	20:30 - 0:00	3.50	DRLPRO	02	B	P		DRILL F/ 2557' - 3601' 1044' TOTAL @ 109.8' HR
12/24/2008	0:00 - 10:30	10.50	DRLPRO	02	B	P		SURVEY @ 2482' 1.31 DEG
	10:30 - 11:00	0.50	DRLPRO	06	A	P		DRILL F/ 2557' - 3601' 1044' TOTAL @ 109.8' HR
	11:00 - 0:00	13.00	DRLPRO	02	B	P		DAILY RIG SERVICE
12/25/2008	0:00 - 12:30	12.50	DRLPRO	02	B	P		DRILL F/ 3601' - 4519' 918' TOTAL @ 114.75 32
	12:30 - 13:00	0.50	DRLPRO	06	A	P		VIS 9.4 MW
	13:00 - 21:30	8.50	DRLPRO	02	B	P		DRILL F/ 4519' - 4550' 31' TOTAL @ 62' HR
	21:30 - 22:30	1.00	DRLPRO	04	C	P		SURVEY @ 4478' 1.43 DEG
	22:30 - 0:00	1.50	DRLPRO	05	A	P		DRILL F/ 4550' - 5561' 1011' TOTAL @ 91.9' HR
12/26/2008	0:00 - 4:30	4.50	DRLPRO	05	A	P		RIG SERVICE
								HOLE TAKING FLUID @ 5561' LOST 74 BBLS.MIX
								WATER, LCM & TRANSFER LCM MUD OVER TO
								REBUILD VOL. SHAKERS BYPASSED.
								DRILL F/ 5561' - 6035' (474',68'/HR) MUD WT 9.6+
								VIS 32 6%
								WIRELINE SURVEY 5960'= 2.9 DEGREES
								DRILL F/ 6035' TO 6224' (189', 54'/HR) MUD WT
								10.3 VIS 36 LCM 6%.
								DRILL F/ 6224' TO 6667' (443', 42'/HR) MUD WT
								10.3 VIS 36 LCM 6%
								RIG SERVICE, FUNCITON BOP'S, BOP DRILLS.
								DRILL F/ 6667' TO 7204' (537', 41'/HR) SLIGHT
								LOSSES @ 10.6 WT (20 BBLS) INCREASE LCM
								TO 8%. MUD @ 12# VIS 38 LCM 8%. NO LOSSES
								@ THIS TIME.
								DRILL F/ 7204' TO 7710' (506',40'/HR) MUD WT 11#
								VIS 39, 7% LCM. NO LOSSES
								RIG SERVICE. FUNCTION BOP'S.
								DRILL F/ 7710' TO 7962' (254',30'/HR) MUD WT
								11.4 VIS 39 LCM 7%. NO LOSSES.
								CIRC. MIX AND PUMP DRY JOB. DROP SURVEY.
								TRIP OUT OF HOLE.
								TRIP OUT OF HOLE, TIGHT HOLE 4500'. C/O MUD
								MOTOR (MUD MOTOR FAILURE) C/O TO BIT #2.
								RECOVER SURVEY (MISS RUN)

ROCKIES

Operation Summary Report

Well: NBU 922-34D-3		Spud Conductor: 12/7/2008		Spud Date: 12/11/2008	
Project: UTAH		Site: UINTAH		Rig Name No: PROPETRO/, PIONEER 68/68	
Event: DRILLING		Start Date: 12/10/2008		End Date: 12/30/2008	
Active Datum: RKB @4,956.00ft (above Mean Sea Level)		UWI: 0/9/S/22/E/34/0/NWNW/6/PM/N/1,217.00/W/0/162.00/0/0			

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
	4:30 - 12:30	8.00	DRLPRO	05	A	P		TRIP IN HOLE, TIGHT HOLE 4500', FILL PIPE 2400' 6000'. TRIP TO BOTTOM. NO FILL. SLIGHT SEEPAGE (LOSS 20 BBLS) ON BOTTOM. RAISE LCM TO 10%
	12:30 - 13:30	1.00	DRLPRO	02	B	P		DRILL F/ 7962' TO 7989'
	13:30 - 14:00	0.50	DRLPRO	06	A	P		RIG SERVICE. FUNCTION BOP'S
	14:00 - 0:00	10.00	DRLPRO	02	B	P		DRILL F/ 7989' TO 8335' (346', 34) MUD WT 12 VIS 42, LCM 10% NO LOSSES AT THIS TIME
12/27/2008	0:00 - 8:00	8.00	DRLPRO	02	B	P		DRILL F/ 8335' TO 8437' (102', 13'/HR) MUD WT 12 VIS 42 LCM 10%
	8:00 - 9:00	1.00	DRLPRO	04	C	P		CIRC. MIX AND PUMP DRY JOB. DROP SURVEY. HOLD JSA
	9:00 - 14:30	5.50	DRLPRO	05	A	P		TRIP OUT OF HOLE, NO TIGHT HOLE. NO LOSSES OR GAINS. (DROPPED SURVEY= 2 DEGREES) C/O BIT #2. HOLD JSA
	14:30 - 21:30	7.00	DRLPRO	05	A	P		M/U BIT #3, TRIP IN HOLE, NO TIGHT HOLE. FILL PIPE 2100 AND 6000'. NO FILL.
	21:30 - 0:00	2.50	DRLPRO	02	B	P		DRILL F/ 8437' TO 8556' (119', 47'/HR) MUD WT 12.1 VIS 42 LCM 10%
12/28/2008	0:00 - 10:00	10.00	DRLPRO	02	B	P		DRILL F/ 8556' TO 8919'. (363', 36'/HR) MUD WT 11.4 VIS 42, LCM 8%
	10:00 - 11:30	1.50	DRLPRO	04	D	X		LOSS ALL CIRC. SHUT DOWN CIRC, MIX UP 30% LCM PILL, START DOWN HOLE INCREASE 10% LCM. REGAIN CIRC. RECEIVE 130 BBLS OF 12.5# MUD FROM ENSIGN 12. LOSS 60 BBLS TOTAL.
	11:30 - 13:00	1.50	DRLPRO	02	B	P		DRILL F/ 8919' TO 8975'. TD 12/28/2008 13:00 MUD WT 12.4+ VIS 42. LCM 11%.
	13:00 - 13:30	0.50	DRLPRO	02	B			RIG SERVICE, FUNCTION BOP'S
	13:30 - 14:30	1.00	DRLPRO	04	A	P		CIRC BOTTOMS UP. MIX PUMP DRY JOB.
	14:30 - 16:00	1.50	DRLPRO	05	E	P		SHORT TRIP TO 8000', TRIP BACK. NO LOSSES AND GAINS ON TRIP.
	16:00 - 18:00	2.00	DRLPRO	04	A	P		CIRC AND CONDITION HOLE FOR LOGS, HOLD SAFETY MEETING W/ WEATHERFORD TRS AND RIG UP LD TRUCK. MIX AND PUMP DRY JOB. DROP SURVEY
	18:00 - 0:00	6.00	DRLPRO	05	A	P		LDDS, AT BHA @ REPORT TIME. NO TIGHT HOLE AND NO LOSSES OR GAINS ON TRIP.
12/29/2008	0:00 - 3:30	3.50	DRLPRO	05	A	P		LDDP, BREAK KELLY, LD BHA. PULL WEAR BUSHING. RETRIEVE SURVEY 8900'= 2 DEGREES
	3:30 - 9:00	5.50	EVALPR	08	A	P		HOLD SAFETY MEETING, RIG UP HALLIBURTON LOGGERS, TRIPLE COMBO RUN TO 8980'. NO TIGHT HOLE, NO GAINS OR LOSSES, RIG DOWN HALLIBURTON.
	9:00 - 10:00	1.00	CSG	11	A	P		HOLD SAFETY MEETING W/ WEATHERFORD TRS. RIG UP CSG CREW.
	10:00 - 17:30	7.50	CSG	11	B	P		RUN 211 JST OF 4.5" I-80 116# SHOE SET @ 8968', FLOAT SET @ 8923', WASATCH MARKER JT SET @ 4349'. RIG UP LANDING JT AND LAND CSG.
	17:30 - 19:00	1.50	CSG	04	E	P		RIG UP BJ CEMENTING HEAD AND BALES, CIRC. OUT GAS. 5500u. RIG DOWN WEATHERFORD TRS. HOLD SAFETY MEETING W/ BJ SERVICES. AND PSI TEST.
	19:00 - 19:30	0.50	CSG	15	A	P		START CEMENT JOB. PUMP TRUCK LOST HYDRALICS W/ 15 BBLS OF SCAVENGER GONE.. SHUT DOWN. RIG UP RIG TO HEAD
	19:30 - 0:00	4.50	CSG	12	E	Z		PUMP 20 BBLS OF MUD CLEAN AND 15 BBLS OF SCAVENGER CEMENT TO PITS. CIRC WHILE WAITING FOR ANOTHER BJ PUMP TRUCK.

ROCKIES

Operation Summary Report

Well: NBU 922-34D-3		Spud Conductor: 12/7/2008		Spud Date: 12/11/2008	
Project: UTAH		Site: UINTAH		Rig Name No: PROPETRO/, PIONEER 68/68	
Event: DRILLING		Start Date: 12/10/2008		End Date: 12/30/2008	
Active Datum: RKB @4,956.00ft (above Mean Sea Level)		UWI: 0/9/S/22/E/34/0/NWNW/6/PM/N/1,217.00/W/0/162.00/0/0			

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
12/30/2008	0:00 - 0:30	0.50	CSG	12	E	Z		HOLD SAFETY MEETING, FIX PROBLEM W/ SECOND PUMP, PSI TEST CEMENT LINES START 20 BBLS MUD CLEAN, PUMP (20SX) SCAVENGER CEMENT 10.5#, PUMP 208 BBLS (494 SX) OF HI FILL LEAD 12#, PUMP 270 BBLS (1160 SX) OF 50/50 POZ TAIL 14.3#, DROP PLUG DISPLACE W/ 139 BBLS OF H2O TREATED W/ MAGNACIDE. LOSS CIRC 38 BBLS TO GO, 2500 PSI LIFT. PLUG DOWN HOLD PSI @ 2900 PSI, FLOAT HELD. RIG DOWN BJ. FLUSH STACK, LAYDOWN LANDING JT, NIPPLE DOWN BOP'S. PACK OFF WELL HEAD, INSTALL NIGHT CAP, PITS HAD EXCESSIVE AMOUNT OF CUTTINGS AND PITS NEEDED EXTRA CLEANING. SAVED 800 BBLS 12.5 # OF MUD. RELEASE RIG 12/30/2008 12:00
	0:30 - 3:30	3.00	CSG	15	A	P		
	3:30 - 12:00	8.50	RDMO	13	B	P		

ROCKIES

Operation Summary Report

Well: NBU 922-34D-3		Spud Conductor: 12/7/2008		Spud Date: 12/11/2008	
Project: UTAH		Site: UINTAH		Rig Name No: KEY 243/243	
Event: COMPLETION		Start Date: 2/5/2009		End Date: 2/11/2009	
Active Datum: RKB @4,956.00ft (above Mean Sea Level)		UWI: 0/9/S/22/E/34/0/NWNW/6/PM/N/1,217.00/W/0/162.00/O/O			

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
2/5/2009	11:00 - 17:00	6.00	COMP	47		P		R/D ROAD RIG FROM NBU 922-31BT TO NBU 922-34D3, MIRU SPOT EQUIP, N/D WELL HEAD N/U BOPS, P/U 3-7/8 MILL, TALLEY & P/U 168 JNTS 2-3/8 J-55 EOT @ 5227' SWIFN.
2/6/2009	7:00 - 7:15	0.25	COMP	48		P		HSM, P/U TBG
	7:15 - 16:00	8.75	COMP	47	B	P		OPEN WELL 0# SITP, 0# SICP, CONTINUE TO RIH TAG @ 8752', P/U PWR SWVL, C/O TO PBTD @ 8923', R/D PWR SWVL, L/D 30 JNTS ON FLOAT, POOH STNDG BACK, L/D MILL, N/D BOPS, N/U FRAC VALVES, MIRU B&C TESTERS, P/T CSG & FRAC VALVES TO 7500# [GOOD TEST]
2/9/2009	7:00 - 7:15	0.25	COMP	48		P		HSM, REVIEW FRACING

ROCKIES

Operation Summary Report

Well: NBU 922-34D-3		Spud Conductor: 12/7/2008		Spud Date: 12/11/2008	
Project: UTAH		Site: UINTAH		Rig Name No: KEY 243/243	
Event: COMPLETION		Start Date: 2/5/2009		End Date: 2/11/2009	
Active Datum: RKB @4,956.00ft (above Mean Sea Level)		UWI: 0/9/S/22/E/34/0/NWNW/6/PM/N/1,217.00/W/0/162.00/0/0			

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
	7:15 - 18:00	10.75	COMP	36	E	P		<p>MIRU CUTTERS WIRE LINE & WEATHERFORD FRAC, STG #1] P/U RIH W/ PERF GUN. PERF MESAVERDE USING 3-3/8 EXPEND, 23 GRM, 0.36" HOLE 8894'-8900' 3 SPF, 120* PH, 18 HOLES. 8800'-8804' 4 SPF, 90* PH, 16 HOLES, 8744'-8746' 3 SPF, 120* PH, 6HOLES [40 HOLES]</p> <p>WHP=0#, BRK DN PERFS @ 4506#, INJT PSI=5252#, INJT RT=53, ISIP=2668#, FG=.74, PUMP'D 3386.9 BBLS SLK WTR W/ 121191 # SAND W/ 5140# RESIN COAT IN TAIL, ISIP=2716#, FG=.75, AR=53.2, AP=4780#, MR=53.8, MP=5948#, NPI=48#, 31/40 CALC PERFS OPEN.</p> <p>STG #2] P/U RIH W/ BKR 8K CBP & PERF GUN. SET CBP & 8713', PERF MESAVERDE USING 3-3/8 EXPEND, 23 GRM, 0.36" HOLE, 4 SPF, 90* PH, 8678'-8683' 20 HOLES, 8641'-8646' 20 HOLES.</p> <p>WHP=2300#, BRK DN PERFS @ 2670#, INJT PSI=4696#, INJT RT=51.6, ISIP=2670#, FG=.75, PUMP'D 2721 BBLS SLK WTR W/ 99750# SAND W/ 544# RESIN COAT IN TAIL, ISIP=2891#, FG=.78, AR=51.6, AP=4507#, MR=55, MP=5271#, NPI=221#, 35/40 CALC PERFS OPEN.</p> <p>STG #3] P/U RIH W/ BKR 8K CBP & PERF GUN. SET CBP @ 8536' PERF MESAVERDE USING 3-3/8 EXPEND, 23 GRM, 0.36" HOLE, 4 SPF, 90* PH, 8500'-8506' 24 HOLES, 8432'-8442' 16 HOLES [40 HOLES]</p> <p>WHP=1200#, BRK DN PERFS @ 3590#, INJT PSI=4350#, INJT RT=50, ISIP=2688#, FG=.76, PUMP'D 2472 BBLS SLK WTR W/ 79335# SAND W/ 1677# RESIN COAT IN TAIL. [SCREENED OFF W/ 20500# SAND LEFT, FLOWED WELL BACK, REFLUSHED.] ISIP=3035#, FG=.89, AR=50.2, AP=4783#, MR=51.5, MP=7500#, NPI=347#, 40/40 CALC PERFS OPEN.</p> <p>STG #4] P/U RIH W/ BKR 8K CBP & PERF GUN. SET CBP @ 8258', PERF MESAVERDE USING 3-3/8 EXPEND, 23 GRM, 0.36" HOLE, 4 SPF, 90* PH, 8224'-8228' 16 HOLES, 8136'-8142' 24 HOLES, [40 HOLES]</p> <p>WHP=1460#, BRK DN PERFS @ 2842#, INJT PSI=4450#, INJT RT=51, ISIP=2151#, FG=.71, PUMP'D 4365.7 BBLS SLK WTR W/ 154065# SAND W/ 5136# RESIN COAT IN TAIL, ISIP=2447#, FG=.74, AR=51.1, AP=4158#, MR=52.6, MP=4902#, NPI=296#, 30/40 CALC PERFS OPEN.</p> <p>STG #5] P/U RIH W/ BKR 8K CBP & PERF GUN. SET CBP @ 7948'. PERF MESAVERDE USING 3-3/8 EXPEND, 23 GRM, 0.36" HOLE, 4 SPF, 90* PH, 7914'-7918' 16 HOLES, 7834'-7840', 24 HOLES [40 HOLES].</p> <p>WHP=1350#, INJT PSI=4000#, INJ RT=50.5, ISIP=2673#, FG=.78, PUMP'D 1533 BBLS SLK WTR</p>

ROCKIES

Operation Summary Report

Well: NBU 922-34D-3		Spud Conductor: 12/7/2008		Spud Date: 12/11/2008	
Project: UTAH		Site: UINTAH		Rig Name No: KEY 243/243	
Event: COMPLETION		Start Date: 2/5/2009		End Date: 2/11/2009	
Active Datum: RKB @4,956.00ft (above Mean Sea Level)		UWI: 0/9/S/22/E/34/0/NWNW/6/PM/N/1,217.00/W/0/162.00/O/0			

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
2/10/2009	7:00 - 7:15	0.25	COMP	48		P		W/ 59569# SAND W/ 4913# RESIN COAT IN TAIL, ISIP=2459#, FG=.75, AR=50.6, AP=3887#, MR=51.5, MP=4352#, NPI=-214#, 40/40 CALC PERFS OPEN.
	7:15 - 17:00	9.75	COMP	36	E	P		PICKLE WELL PREP TO FINISH FRAC IN A.M HSM, REVIEW TRIPPING TBG STG #6] OPEN WELL P/U RIH W/ BKR 8K CBP & PERFR GUN. SET CBP @ 7626', PERF MESAVERDE USING 3-3/8" EXPEND, 23 GRM, 0.36" HOLE, 4 SPF, 90° PH, 7592'-7596' 16 HOLES, 7536'-7540' 16 HOLES, 7452'-7454' 8 HOLES. [40 HOLES] WHP=1000#, BRK DN PERFS @ 3819#, INJT PSI=5900#, INJT RT=48, ISIP=2400#, FG=.76, PUMP'D 1143.8 BBLS SLK WTR W/ 46342# SAND W/ 5666# RESIN COAT IN TAIL, ISIP=2485#, FG=.77, AR=49.4, AP=4668#, MR=52, MP=6655#, NPIU=85#, 24/40 CALC PERFS OPEN. STG #7] P/U RIH W/ BKR 8K CBP & PERF GUN SET CBP @ 7354' PERF MESAVERDE USING 3-3/8" EXPEND, 23 GRM, 0.36" HOLE, 3 SPF, 120° PH, 7314'-7324 30 HOLES, 7254'-7256' 6 HOLES, 7140'-7142' 6 HOLES, [42 HOLES] WHP=0#, BRK DN PERFS @ 2843#, INJT PSI=3300#, INJT RT=48.5, ISIP=1587#, FG=.66, PUMP'D 1765 BBLS SLK WTR W/ 78055# SAND W/ 9630# RESIN COAT IN TAIL, ISIP=2409#, FG=.78, AR=50.2, AP=3391#, MR=50.7, MP=3494#, NPI=822#, 42/42 CALC PERFS OPEN. P/U RIH W/ BKR 8K CBP. SET CBP @ 7090' POOH R/D CUTTER & WEATHERFORD FRAC, N/D FRAC VALVES, NU BOPS, R/U TBG EQUIP, P/U 3-7/8 BIT W/ POBS, RIH TAG KILL PLUG @ 7090' P/U PWR SWVL, SWIFN. HSM, REVIEW MAKING CONNECTIONS
2/11/2009	7:00 - 7:15	0.25	COMP	48		P		

ROCKIES

Operation Summary Report

Well: NBU 922-34D-3		Spud Conductor: 12/7/2008		Spud Date: 12/11/2008	
Project: UTAH		Site: UINTAH		Rig Name No: KEY 243/243	
Event: COMPLETION		Start Date: 2/5/2009		End Date: 2/11/2009	
Active Datum: RKB @4,956.00ft (above Mean Sea Level)		UWI: 0/9/S/22/E/34/0/NWNW/6/PM/N/1,217.00/W/0/162.00/O/0			

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
	7:15 - 18:00	10.75	COMP	44	C	P		<p>OPEN WELL 0# SICP, EST CIRC W/ RIG PUMP, PLUG #1] DRL THROUGH BKR 8K CBP @ 7090' IN 10 MIN. 900# INCREASE.</p> <p>PLUG #2] CONTINUE TO RIH TAG SAND @ 7289' [65' FILL] C/O & DRL THROUGH BKR 8K CBP @ 7354' IN 10 MIN. 500# INCREASE.</p> <p>PLUG #3] CONTINUE TO RIH TAG SAND @ 7596' [30' FILL] C/O & DRL THROUGH BKR 8K CBP @ 7626' IN 10 MIN. 500# INCREASE.</p> <p>PLUG #4] CONTINUE TO RIH TAG SAND @ 7918' [30' FILL] C/O & DRL THROUGH BKR 8K CBP @ 7948' IN 10 MIN. 300# INCREASE.</p> <p>PLUG #5] CONTINUE TO RIH TAG SAND @ 8228' [30' FILL] C/O & DRL THROUGH BKR 8K CBP @ 8258 IN 10 MIN. 300# INCREASE.</p> <p>PLUG #6] CONTINUE TO RIH TAG SAND @ 8506' [30' FILL] C/O & DRL THROUGH BKR 8K CBP @ 8536' IN 10 MIN. 300# INCREASE.</p> <p>PLUG #7] CONTINUE TO RIH TAG SAND @ 8636' [30' FILL] C/O & DRL THROUGH BKR 8K CBP @ 8713' IN 10 MIN. 300# INCREASE.</p> <p>CONTINUE TO RIH & C/O TO PBTD @ 8923' CIRC HOLE, RIG PWR SWVL DN, L/D 30 JNTS ON FLOAT, P/U HANGER [PROBLEMS W/ TBG HANGER HAD TO SWAP OUT] LAND TBG W/ 274 JNTS 2-3/8 J-55 EOT @ 8608.56, R/D TBG EQUIP, N/D BOPS, NU WELL HEAD, DROP BALL PUMP OFF BIT TURN WELL OVER TO FLOW BACK CREW.</p> <p>TBG DETAIL KB 20.00 HANGER .83 274 JNTS 2-3/8 J-55 8584.53</p>
2/12/2009	7:00 -			33	A			<p>EOT 8608.56 7 AM FLBK REPORT: CP 2000#, TP 1950#, 20/64" CK, 70 BWPH, 1/2 CUP SAND, - GAS TTL BBLS RECOVERED: 2500 BBLS LEFT TO RECOVER: 14887</p>
2/13/2009	7:00 -			33	A			<p>7 AM FLBK REPORT: CP 3000#, TP 2500#, 20/64" CK, 45 BWPH, - SAND, - GAS TTL BBLS RECOVERED: 3785 BBLS LEFT TO RECOVER: 13602</p>
	14:45 -		PROD					<p>WELL TURNED TO SALES @ 1445 HR ON 2/13/2009 - FTP 2500#, CP 3500#, CK 18/64", 1850 MCFD, 480 BWPD</p>
2/14/2009	7:00 -			33	A			<p>7 AM FLBK REPORT: CP 3600#, TP 2700#, 18/64" CK, 18 BWPH, CLEAN SAND, - GAS TTL BBLS RECOVERED: 5793 BBLS LEFT TO RECOVER: 11594</p>

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU0149077

1a. Type of Well Oil Well Gas Well Dry Other
 b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
 Other _____

6. If Indian, Allottee or Tribe Name
 7. Unit or CA Agreement Name and No.
UNIT #891008900A

2. Name of Operator **KERR-MCGEE OIL & GAS ONSHORE** Contact: **SHEILA UPCHEGO**
 Email: **sheila.upchecho@anadarko.com**

8. Lease Name and Well No.
NBU 922-34D-3

3. Address **1368 SOUTH 1200 EAST VERNAL, UT 84078** 3a. Phone No. (include area code)
Ph: **435-781-7024**

9. API Well No. **43-047-38512**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **NWNW 1217FNL 162FWL**
 At top prod interval reported below **NWNW 1217FNL 162FWL**
 At total depth **NWNW 1217FNL 162FWL**

10. Field and Pool, or Exploratory
NATURAL BUTTES
 11. Sec., T., R., M., or Block and Survey
or Area **Sec 34 T9S R22E Mer SLB**
 12. County or Parish **UINTAH** 13. State **UT**

14. Date Spudded **12/07/2008** 15. Date T.D. Reached **12/28/2008** 16. Date Completed
 D & A Ready to Prod. **02/13/2009**

17. Elevations (DF, KB, RT, GL)*
4938 GL

18. Total Depth: **MD 8975 TVD** 19. Plug Back T.D.: **MD 8923 TVD** 20. Depth Bridge Plug Set: **MD TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
 CBL-CCL-GR *HP/D.S.N.* 22. Was well cored? No Yes (Submit analysis)
 Was DST run? No Yes (Submit analysis)
 Directional Survey? No Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20.000	14.000 STEEL	36.7		40		28			
12.250	9.625 J-55	36.0		2420		700			
7.875	4.500 I-80	11.6		8975		1654			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375		8608						

25. Producing Intervals *W.S.M.D.* 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	7140	8900	7140 TO 8900	0.360	282	OPEN
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
7140 TO 8900	PMP 17,387 BBLs SLICK H2O & 638,307# 30/50 OTTOWA SD

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
02/13/2009	02/25/2009	24	▶	50.0	2827.0	360.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
16/64	1171	2984.0	▶	50	2827	360		PGW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			▶						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			▶						

(See Instructions and spaces for additional data on reverse side)
 ELECTRONIC SUBMISSION #67977 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

RECEIVED
MAR 16 2009
 DIV. OF OIL, GAS & MINING

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
GREEN RIVER	1253				
BIRDS NEST	1519				
MAHOGANY	2030				
WASATCH	4402	6683			
MESAVERDE	6839	8900			

32. Additional remarks (include plugging procedure):

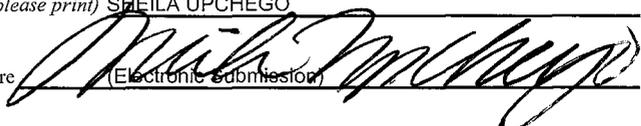
33. Circle enclosed attachments:

- 1. Electrical/Mechanical Logs (1 full set req'd.)
- 2. Geologic Report
- 3. DST Report
- 4. Directional Survey
- 5. Sundry Notice for plugging and cement verification
- 6. Core Analysis
- 7. Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #67977 Verified by the BLM Well Information System.
For KERR-MCGEE OIL & GAS ONSHORE L, sent to the Vernal

Name (please print) SHEILA UPCHEGO Title OPERATIONS

Signature  (Electronic submission) Date 03/12/2009

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0149077
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 922-34D-3
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047385120000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6515 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1217 FNL 0162 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 34 Township: 09.0S Range: 22.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES COUNTY: UINTAH STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/22/2011	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 50px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The operator requests authorization to re-complete the subject well location. The operator proposes to re-complete the Wasatch formation. The operator also requests authorization to commingle the newly Wasatch and existing Mesaverde formations. Please refer to the attached re-completion procedures.

Accepted by the Utah Division of Oil, Gas and Mining

Date: 08/31/2011

By: *Derek Quist*

NAME (PLEASE PRINT) Gina Becker	PHONE NUMBER 720 929-6086	TITLE Regulatory Analyst II
SIGNATURE N/A	DATE 8/22/2011	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047385120000

Authorization: Board Cause No. 173-14.

Greater Natural Buttes Unit



NBU 922-34D-3
RE-COMPLETIONS PROCEDURE

DATE:8/9/2011
AFE#:
API#:4304738512
USER ID:OOT937 (Frac Invoices Only)

COMPLETIONS ENGINEER: Zach Garrity, Denver, CO
(720)-929-6180 (Office)
(406)-781-6427 (Cell)

SIGNATURE:

ENGINEERING MANAGER: JEFF DUFRESNE

SIGNATURE:

REMEMBER SAFETY FIRST!

Name: NBU 922-34D-3
Location: SW NW NW SEC 34 T9S R22E
Uintah County, UT
Date: **8/9/2011**

ELEVATIONS: 4938' GL 4958' KB *Frac Registry TVD: 8971*

TOTAL DEPTH: 8979' **PBTD:** 8923'
SURFACE CASING: 9 5/8", 36# J-55 ST&C @ 2420'
PRODUCTION CASING: 4 1/2", 11.6#, I-80 LT&C @ 8975'
 Marker Joint **4332-4352'**

TUBULAR PROPERTIES:

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
4 1/2" 11.6# I-80 (See above)	7780	6350	3.875"	0.0155	0.6528
2 3/8" by 4 1/2" Annulus				0.0101	0.4227

TOPS:

1253' Green River Top
 1519' Bird's Nest Top
 2030' Mahogany Top
 4402' Wasatch Top
 6839' Mesaverde Top

BOTTOMS:

6839' Wasatch Bottom
 8979' Mesaverde Bottom (TD)

T.O.C. @ 930'

GENERAL:

- A minimum of **6** tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Halliburtons Induction-Density-Neutron log dated 12/29/2008
- **3** fracturing stages required for coverage.
- Procedure calls for **4** CBP's (**8000** psi) .
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Pump scale inhibitor at 3 gpt (in pad and until 1.25 ppg ramp up is reached) and 10 gpt in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 30/50 mesh Ottawa sand, **Slickwater frac.**

- Maximum surface pressure **6200** psi.
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). Stage acid and scale inhibitor if necessary to cover the next perforated interval.
- **Call flush at 0 PPG @ inline densimeters. Slow to 5 bbl/min over last 10-20 bbls of flush. Flush to top perf.**
- **If distance between plug and top perf of previous stage is less than 50', it is considered to be tight spacing - over flush stage by 5 bbls (from top perf)**
- Tubing Currently Landed @~8612
- Originally completed on 2/9/2009

Existing Perforations:**NBU 922-34D3****Perforation and CBP Summary**

Stage	Zones	Perforations		SPF	Holes
		Top, ft	Bottom, ft		
1	MESAVERDE	8744	8746	3	6
	MESAVERDE	8800	8804	4	16
	MESAVERDE	8894	8900	3	18
2	MESAVERDE	8641	8646	4	20
	MESAVERDE	8678	8683	4	20
3	MESAVERDE	8432	8436	4	16
	MESAVERDE	8500	8506	4	24
4	MESAVERDE	8136	8142	4	24
	MESAVERDE	8224	8228	4	16
5	MESAVERDE	7834	7840	4	24
	MESAVERDE	7914	7918	4	16
6	MESAVERDE	7452	7454	4	8
	MESAVERDE	7536	7540	4	16
	MESAVERDE	7592	7596	4	16
7	MESAVERDE	7140	7142	3	6
	MESAVERDE	7254	7256	3	6
	MESAVERDE	7314	7324	3	30
Totals					282

Relevant History:

3/22/2011 – RIH latch plunger @ 8535 and POOH. RIH to latch spring @ 8607, and couldn't latch. RIH with sample baler got good sample @ 8607. Scratch tubing to 8607. RIH with scratcher from 8375 - 8410, and blow well to tank for 30 minutes. Broche tubing to 8400 and rig down.

5/6/2011 – Pump 10 bbls down tbg & 30 bbls down casing to control well. RIH tag fill @ 8608'. POOH With 275 joints 2-3/8" tubing (last 5 jts - scaled up inside - clean outside). Pickup 3-7/8" mill & sub and drilled out from 8611' to 8666' - (55'). RIH tag fill @ 8879'. Clean out to 8909' - 8929. Bottom perf @ 8900', and PBTD @ 8923'. Land tbg on hanger with 275 (8612') joints used 2-3/8" 4.7# J55 tbg. Broach tbg to 8600'.

H2S History:

Production Date ▲	Gas (avg mcf/day)	Water (avg bbl/day)	Oil (avg bbl/day)	LGR (bbl/Mmcf)	Max H2S Seperator (ppm)
5/31/2009	1742.00	83.48	20.71	59.81	0.00
6/30/2009	1335.20	68.17	19.30	65.51	0.00
7/31/2009	1132.74	69.52	16.77	76.18	0.00
8/31/2009	1033.26	20.48	9.16	28.69	1.00
9/30/2009	1224.23	54.27	19.50	60.26	2.00
10/31/2009	1063.45	35.29	11.71	44.20	5.00
11/30/2009	1068.63	38.20	8.27	43.48	3.00
12/31/2009	996.90	36.29	13.45	49.90	0.00
1/31/2010	987.94	30.74	9.29	40.52	0.00
2/28/2010	928.14	28.75	8.14	39.75	5.00
3/31/2010	884.29	28.68	6.74	40.05	0.00
4/30/2010	843.40	22.97	8.07	36.80	0.00
5/31/2010	818.03	22.35	4.90	33.32	0.00
6/30/2010	790.77	20.83	6.07	34.02	0.00
7/31/2010	765.71	22.10	3.52	33.45	0.00
8/31/2010	741.61	19.06	3.58	30.54	
9/30/2010	714.67	21.87	4.43	36.80	
10/31/2010	689.81	15.42	3.71	27.73	
11/30/2010	660.93	14.10	5.40	29.50	8.00
12/31/2010	574.81	4.23	3.06	12.68	
1/31/2011	501.90	2.58	1.71	8.55	
2/28/2011	335.36	1.07	3.79	14.48	0.00
3/31/2011	346.23	1.84	1.19	8.76	
4/30/2011	509.30	4.07	1.43	10.80	
5/31/2011	707.10	34.87	7.68	60.17	
6/30/2011	675.17	23.97	5.20	43.20	
7/31/2011	632.35	0.00	5.13	8.11	5.00

PROCEDURE: (If using any chemicals for pickling tubing or H2S Scavenging, have MSDS for all chemicals prior to starting work.)

1. MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.
2. TOOH with 2-3/8", 4.7#, J-55 (or N-80) tubing (currently landed at ~8612'). Visually inspect for scale and consider replacing if needed.
3. If tbg looks ok consider running a gauge ring to 7096 (50' below proposed CBP). Otherwise P/U a mill and C/O to 7096 (50' below proposed CBP).
4. Set 8000 psi CBP at ~ 7046'. ND BOPs and NU frac valves. Test frac valves and casing to 1000 and 3500 psi for 15 minutes each and to 6200 psi for 30 minutes. As per standard operating procedure install steel blowdown line to reserve pit from 4-1/2" X 9-5/8" annulus with pressure relief valve in line. Pressure relief will be set to release at 500 psig. Lock **OPEN** the Braden head valve. Annulus will be monitored throughout stimulation. If release

occurs, stimulation will be shut down. Well conditions will be assessed and actions taken as necessary to secure the well. UDOGM will be notified if a release to the annulus occurs.

5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
MESAVERDE	7000	7006	4	24
6. Breakdown perfs and establish injection rate (include scale inhibitor in fluid). Spot 250 gals of 15% HCL and let soak 5-10 min. Fracture as outlined in Stage 1 on attached listing. Under-displace to ~7000' and trickle 250gal 15%HCL w/ scale inhibitor in flush .
7. Set 8000 psi CBP at ~6,732'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
WASATCH	6470	6472	3	6
WASATCH	6519	6520	4	4
WASATCH	6609	6611	3	6
WASATCH	6680	6682	4	8
8. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~6470' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
9. Set 8000 psi CBP at ~4,536'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	4468	4472	3	12
WASATCH	4482	4486	3	12
10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~4468' flush only with recycled water.
11. Set 8000 psi CBP at~4418'.
14. TIH with 3 7/8" mill, pump open sub, XN nipple and tubing.
15. Mill 3 plugs and clean out to a depth of 7016'.
16. Land tubing at 6900', drop ball and pump open sub. Flow back completion load. RDMO
17. MIRU, POOH tbg and mill. TIH with POBS and mill.
18. Mill last plug @ 7046' clean out to PBSD at 8923'. Land tubing at ±8612' pump off bit and bit sub . This well WILL be commingled at this time.
19. Clean out well with foam and/or swabbing unit until steady flow has been established from recomplete.
- 20. Leave surface casing valve open.** Monitor and report any flow from surface casing. RDMO

**For design questions, please call
Zach Garrity, Denver, CO
(720)-929-6180 (Office)
(406)-781-6427 (Cell)**

**For field implementation questions, please call
Jeff Samuels, Vernal, UT
435-781 7046 (Office)**

NOTES:

If using any chemicals for pickling tubing or H2S Scavenging, have MSDS for all chemicals prior to starting work

Verify that the Braden head valve is locked OPEN.

Acid Pickling and H2S Procedures (If Required)

**PROCEDURE FOR PUMPING ACID DOWN TBG

WHEN FINDING SCALE IN TUBING THAT IS ACID SOLUBLE, ENSURE THAT PLUNGER EQUIPMENT IS REMOVED AND ABLE TO PUMP DOWN TBG. INSTALL A 'T' IN PUMP LINE W/2" VALVE THAT NALCO CAN TIE INTO. HAVE 60 BBL 2% KCL MIXED W/ 10-15 GAL H2S SCAVENGER IN RIG FLAT TANK. (WE USED THE RIG FLAT TANK FOR MIXING CHEMICAL SO WE DIDN'T HAVE THE CHEMICAL IN ALL FLUIDS ON LOCATION, ONLY WHAT WE NEEDED TO PUMP DOWN HOLE)

1. PUMP 5-10 BBL 2% KCL DOWN TBG (NALCO CANNOT PUMP AGAINST PRESSURE)
2. NALCO WILL PUMP 3 DRUMS HCL (31%) INTO PUMP LINE.
3. FLUSH BEHIND ACID WITH 10-15 BBL 2% KCL
4. PUMP 2—30 BBL 2% W/ H2S SCAVENGER DOWN TBG.
5. PUMP REMAINDER OF 2% W/ H2S SCAVENGER DOWN CASING AND SHUT WELL IN FOR MINIMUM OF 2 HRS.
6. OVER DISPLACE DOWN TBG AND CSG TO FLUSH ACID AND SCAVENGER INTO FORMATION
7. MONITOR TUBING FOR FLOW AND CASING FOR H2S NOW AS POOH W/ TUBING.

** PROCEDURE FOR PUMPING H2S SCAVENGER WITHOUT ACID

PRIOR TO RIG MOVING ON OR AS RIG PULLS ONTO LOCATION. TEST CASING, TUBING AND SEPARATOR FOR H2S. IF FOUND MAKE SURE THAT PLUNGER SYSTEM IS REMOVED (IT IS POSSIBLE TO PUMP AROUND PLUNGERS BUT SOME WILL HAVE A STANDING VALVE IN SEATING NIPPLE).

1. MIX 10-15 GAL H2S SCAVENGER WITH 60-100 BBL 2% KCL IN RIG FLAT TANK.
2. PUMP 25 BBL MIXTURE DOWN TUBING AND REST DOWN CASING. SHUT WELL IN FOR 2 HOURS.
3. IF WELL HAS PRESSURE AFTER 2 HOURS – RETEST CASING AND TUBING FOR H2S.
4. FLUSH TUBING AND CASING PUSHING H2S SCAVENGER INTO FORMATION.
5. MONITOR TUBING FOR FLOW AND CASING FOR H2S NOW AS POOH W/ TUBING.

** As per APC standard operating procedure, APC foreman will verify ALL volumes pumped and record on APC Volume Report Form

Key Contact information

Completion Engineer

Zach Garrity: 406-781-6427, 720-929-6180

Production Engineer

Jordan Portillo: 435-828-6221, 435-781-9785

Completion Supervisor Foreman

Jeff Samuels: 435-828-6515, 435-781-7046

Completion Manager

Jeff Dufresne: 720-929-6281, 303-241-8428

Vernal Main Office

435-789-3342

Emergency Contact Information—Call 911

Vernal Regional Hospital Emergency: 435-789-3342

Police: (435) 789-5835

Fire: 435-789-4222

Name NBU 922-34D-3 Recomplete
 Perforation and CBP Summary

Stage	Zones	Perforations		SPF	Holes	Fracture Coverage		
		Top, ft	Bottom, ft					
1	MESAVERDE	7000	7006	4	24	6979	to	7016
	# of Perfs/stage				24	CBP DEPTH	6,732	
2	WASATCH	6470	6472	3	6	6461	to	6482
	WASATCH	6519	6520	4	4	6516	to	6521
	WASATCH	6609	6611	3	6	6604.5	to	6614.5
	WASATCH	6680	6682	4	8	6667	to	6687
	# of Perfs/stage				24	CBP DEPTH	4,536	
3	WASATCH	4468	4472	3	12	4462.5	to	4478.5
	WASATCH	4482	4486	3	12	4480	to	4489.5
	# of Perfs/stage				24	CBP DEPTH	4,418	
Totals					72			

Fracturing Schedules
 Name: NBU 922-34D-3 Rec
 Slickwater Frac

Copy to new book

Swabbing Days: 3
 Production Log: 0
 DFT: 0

3 Enter Number of swabbing days here for recompletes
 0 Enter 1 if running a Production Log
 0 Enter Number of DFTs

Stage	Zone	Perfs		Rate BPM	Fluid Type	Initial PPG	Final PPG	Fluid	Volume gals	Cum Vol gals	Volume BBLs	Cum Vol BBLs	Fluid % of frac	Sand % of frac	Sand lbs	Cum. Sand lbs	Footage from CBP to Flush	Scale Inhib., gal.
		Top, ft.	Bot, ft.															
1	MESAVERDE	7000	7006	4	24	Varied	0	Slickwater	0	0	0	0	0.0%	0	0	0	44	
	MESAVERDE					50	0.25	Slickwater	4,348	4,348	104	104	15.0%	0.0%	0	0	13	
	MESAVERDE					50	0	Slickwater	8,213	12,561	196	299	28.3%	21.9%	3,593	3,593	25	
	MESAVERDE					50	0.63	Slickwater	0	12,561	0	299	0.0%	0.0%	0	3,593	0	
	MESAVERDE					50	0.75	Slickwater	8,213	20,774	196	495	28.3%	34.4%	5,646	9,239	0	
	MESAVERDE					50	0	Slickwater	0	20,774	0	495	0.0%	0.0%	0	9,239	0	
	MESAVERDE					50	0.25	Slickwater	0	20,774	0	495	0.0%	0.0%	0	9,239	0	
	MESAVERDE					50	0.75	Slickwater	8,213	28,986	196	690	28.3%	43.8%	7,186	16,426	0	
	MESAVERDE					50	1	Slickwater	4,570	33,556	109	799			16,426	16,426	0	
	MESAVERDE					ISDP and 5 min ISDP		Sand laden	Volume	28,986					38,000	12,113	44	
	MESAVERDE					ISDP and 5 min ISDP		Sand laden	Volume	28,986					38,000	12,113	125	
2	WASATCH	6470	6472	3	24	<< Above pump time (min)		Slickwater	0	0	0	0	7000	gal/mud-ft	12,113	12,113	268	
	WASATCH	6519	6520	4	6	16.0	0.25	Slickwater	3,500	3,500	83	83	15.0%	0.0%	0	0	10	
	WASATCH	6609	6611	3	6	Varied	0	Slickwater	11,066	15,166	278	361	50.0%	37.3%	7,291	7,291	35	
	WASATCH	6860	6862	4	8	50	1	Slickwater	8,166	23,332	194	556	35.0%	62.7%	12,249	19,541	0	
	WASATCH					50	2	Slickwater	4,224	27,556	101	656			19,541	19,541	0	
	WASATCH					ISDP and 5 min ISDP		Slickwater	0	27,556	101	656			19,541	19,541	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	23,332					19,541	19,541	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	23,332					19,541	19,541	0	
3	WASATCH	4488	4472	3	24	<< Above pump time (min)		Slickwater	0	0	0	0	6470	gal/mud-ft	19,000	15,913	1,934	
	WASATCH	4482	4486	3	12	13.1	0.25	Slickwater	4,002	4,002	95	95	15.0%	0.0%	0	0	12	
	WASATCH					50	1	Slickwater	13,340	17,342	318	413	50.0%	37.3%	8,337	8,337	40	
	WASATCH					50	2	Slickwater	9,338	26,680	222	635	35.0%	62.7%	14,007	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Slickwater	2,917	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69	705			22,344	22,344	0	
	WASATCH					ISDP and 5 min ISDP		Sand laden	Volume	29,597	69							

MD	TVD	INC
0	0	0
100	100	0.25
200	200	0
300	300	0.25
400	400	0.25
500	500	0.25
600	600	0.5
700	699.99	0.25
800	799.99	0
900	899.99	0
1000	999.99	0.25
1100	1099.99	0.25
1200	1199.99	0.25
1300	1299.99	0.25
1400	1399.98	1
1500	1499.97	1.25
1600	1599.95	1
1700	1699.93	1
1800	1799.92	1
1900	1899.9	1
2000	1999.89	1
2100	2099.87	1
2200	2199.86	1
2300	2299.84	1
2400	2399.83	1
2500	2499.81	1.25
2600	2599.78	1.75
2700	2699.73	1.75
2800	2799.68	1.75
2900	2899.64	1.5
3000	2999.61	1.5
3200	3199.54	1.5
3400	3399.45	2
3600	3599.33	2
3800	3799.2	2
4000	3999.11	1.5
4200	4199.03	1.75
4400	4398.94	1.75
4600	4598.82	2.25
4800	4798.64	2.5
5000	4998.43	2.75
5200	5198.18	3
5400	5397.89	3.25
5600	5597.56	3.25
5800	5797.27	3
6000	5997.02	2.75
6200	6196.81	2.5
6400	6396.62	2.5
6600	6596.44	2.25
6800	6796.31	2
7000	6996.18	2
7200	7196.05	2.25
7400	7395.86	2.75
7600	7595.63	2.75
7800	7795.44	2.25
8000	7995.28	2.25
8200	8195.09	2.75
8400	8394.9	2.25
8500	8494.83	2

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. **UTU0149077**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. **UTU63047A**

8. Lease Name and Well No. **NBU 922-34D-3**

9. API Well No. **4304738512**

10. Field and Pool or Exploratory **NATURAL BUTTES**

11. Sec., T., R., M., on Block and Survey or Area **SEC 34, T9S, R22E**

12. County or Parish **UINTAH** 13. State **UT**

17. Elevations (DF, RKB, RT, GL)* **4938**

1a. Type of Well Oil Well Gas Well Dry Other

b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resvr.,
Other: **RECOMPLETION**

2. Name of Operator **KERR MCGEE OIL & GAS ONSHORE, L.P.**

3. Address **PO BOX 173779
DENVER, CO 80217** 3a. Phone No. (include area code) **720-929-6000**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface **NWNW 1217 FNL 162 FWL S34,T9S,R22E**
At top prod. interval reported below **NWNW 1217 FNL 162 FWL S34,T9S,R22E**
At total depth **NWNW 1217 FNL 162 FWL S34,T9S,R22E**

15. Date T.D. Reached **12/28/2008** 16. Date Completed **12/14/2011**
 D & A Ready to Prod.

18. Total Depth: **MD 8975** 19. Plug Back T.D.: **MD 8923** 20. Depth Bridge Plug Set: **MD**
TVD **TVD** **TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL/CCL/GR-HD/DSN (original logs)

22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit report)
Directional Survey? No Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20	14	36.7		40		28			
12.25	9.625	36		2420		700			
7.875	4.5	11.6		8975		1654			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	7044							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WASATCH	4468	6682	4468-6682	0.36	48	OPEN
B) MESAVERDE	7000	7006	7000-7006	0.36	24	OPEN
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
4468-7006	PUMP 2381 BBLs SLICK H2O & 60,177 LBS 30/50 OTTAWA SAND 3 STAGES

RECEIVED
AUG 14 2012

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/14/11	5/19/12	24	→	0	2566	0			FLOWING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
22/64	1115	1299	→	0	2566	0		PRODUCING	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GREEN RIVER	1253
				BIRD'S NEST	1619
				MAHOGANY	2030
				WASATCH	4402
				MESAVERDE	6839

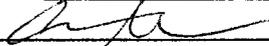
32. Additional remarks (include plugging procedure):

Attached is the recompletion history and perforation report. Casing in the well is as previously reported on the original Completion Report. New recompletion perforations are: Wasatch 4468-6682' and Mesaverde 7000-7006'; existing perforations: Mesaverde 7140-8900'. Iso plug was drilled out May 18, 2012 and zones are fully commingled. Test information is production from commingled zones.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd.)
 Geologic Report
 DST Report
 Directional Survey
 Sundry Notice for plugging and cement verification
 Core Analysis
 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) CARA MAHLER Title REGULATORY ANALYST
 Signature  Date 8/6/2012

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 922-34D-3	Spud Conductor: 12/7/2008	Spud Date: 12/11/2008
Project: UTAH-UINTAH	Site: NBU 922-34D-3	Rig Name No: MILES 3/3, MILES-GRAY 1/1
Event: RECOMPL/RESEREVEADD	Start Date: 12/6/2011	End Date: 12/14/2011
Active Datum: RKB @4,956.01ft (above Mean Sea Level)	UWI: 0/9/SI22/E/34/0/NWNV6/PM/N/1,217.00/W/0/162.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
12/6/2011	11:00 - 15:00	4.00	PROD	35		P		travel to location rig up wireline. Rih jar up on spring @ 8708 for 25 mins. Could not jar. Sheer off. Pooh. Rig down. Ready for workover rig. Left plunger on wellhead.
12/9/2011	7:00 - 7:15	0.25	COMP	48		P		JSA- ROADING RIG. RUSU. ND/NU. POOH.
	7:15 - 9:30	2.25	COMP	30	G	P		ROAD RIG FROM NBU 921-8F TO LOCATION
	9:30 - 10:30	1.00	COMP	30	A	P		FTP 150, FCP 150, SURFACE CSG 450. OPEN WELL TO TANK. BLEED OFF SURFACE CSG (GAS AND DRLG MUD). SPOT AND RUSU.
	10:30 - 12:30	2.00	COMP	30	F	P		TRUCKS LATE. SPOT EQUIP. PMP 10 BBLs DOWN CSG. ND WH. NU BOP. RU FLOOR. PMP 30 BBLs DOWN CSG. UNLAND TBG FROM 8612'. LD HANGER.
	12:30 - 15:00	2.50	COMP	31	I	P		RU B&C. SCAN AND SORT AS POOH W/ 275-JTS 2-3/8" J-55 TBG. HAD 254-GOOD AND 21-BAD JTS. SMALL AMOUNT OF SCALE ON OD OF BTM 4 JTS. SCALE IN ID OF BTM JT. LD XN. BUMPER SPRING IN BTM JT. RD B&C.
	15:00 - 16:00	1.00	COMP	34	I	P		RU JW EWL. RIH W/ 4-1/2" CIBP. SET AT 7046'. RD JW EWL.
	16:00 - 19:00	3.00	COMP	33	C	P		ND BOP. NU FV. PRES TEST W/ RIG PMP. FILL SURFACE CSG W/ 3 BBLs AND TEST TO 900#. LOST 100# IN 5 MIN. BLEED OFF. FILL 4-1/2" CSG AND PRES TEST TO 2500#. HELD. NO COMMUNICATION. TEST GOOD.
								RU B&C. PRES TEST 4-1/2" CSG AND FRAC VALVES AS PER PROCEDURE.
								TEST TO 1036# FOR 15 MIN. END AT 1066#. GAIN 30#. GOOD TEST. TEST TO 3490# FOR 15 MIN. END AT 3492#. GAIN 2#. GOOD TEST. TEST TO 6173# FOR 30 MIN. END AT 6237#. GAIN 64#. GOOD TEST.
12/12/2011	7:00 - 7:15	0.25	COMP	48		P		BLEED OFF PRES AND WINTERIZE WELL. SDFWE. READY TO PERF AND FRAC 12/12.
	7:15 - 9:00	1.75	COMP	37	B	P		JSA- PERF, FRAC, ND/NU. SICP 0. MIRU JW EWL. RIH W/ 3-1/8" EXP PERF GUN (23 GR, 40" PENT, .36 EOD, 4 SPF ON 90°). PERF MESA VERDE AS PER PROCEDURE.

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 922-34D-3 Spud Conductor: 12/7/2008 Spud Date: 12/11/2008
 Project: UTAH-UINTAH Site: NBU 922-34D-3 Rig Name No: MILES 3/3, MILES-GRAY 1/1
 Event: RECOMPL/RESEREVEADD Start Date: 12/6/2011 End Date: 12/14/2011
 Active Datum: RKB @4,956.01ft (above Mean Sea Level) UWI: 0/9/S/22/E/34/0/NVNW6/PM/N/1,217.00/W/0/162.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	9:00 - 17:30	8.50	COMP	36	B	P		<p>MIRU SUPERIOR (RS). PRES TEST SURFACE LINES TO 8500 PSI. GOOD. STAGE #1- OPEN WELL- SICP 208 PSI. BRK 3714 PSI AT 3.3 BPM, ISIP 1558, FG .66. PMP 100 BBLS SLK WTR, 51 BPM @ 4365 PSI = 85% PERFS OPEN. MP 4666, MR 51.6, AP 4367, AR 51.2, FG .76, ISIP 2281, NPI 723. BBLS PMP 934 SLK WTR, 16,365# 30/50 PROP</p> <hr/> <p>STAGE #2- PU 4-1/2" HAL CO 8K CBP AND 3-1/8" EXP GUNS, 23 GM, .36 HOLES ON 90* AND 120* PHASING. SET CBP AT 6712'. PULL UP AND PERF WASATCH AS PER PROCEDURE.</p> <p>OPEN WELL- SICP 690 PSI. BRK 2731 PSI AT 3.4 BPM, ISIP 1748, FG .70. PMP 83 BBLS SLK WTR, 50.5 BPM @ 5097 PSI = 71% PERFS OPEN. MP 5116, MR 58.0, AP 4089, AR 49.7, FG .75, ISIP 2001, NPI 253. BBLS PMP 723 SLK WTR, 19,762# 30/50 PROP.</p> <hr/> <p>STAGE #3- PU 4-1/2" HAL CO 8K CBP AND 3-1/8" EXP GUNS, 23 GM, .36 HOLES ON 120* PHASING. SET CBP AT 4516'. PULL UP AND PERF WASATCH AS PER PROCEDURE.</p> <p>OPEN WELL- SICP 606 PSI. BRK 2230 PSI AT 3.1 BPM, ISIP 1200, FG .70. PMP 95 BBLS SLK WTR, 50.6 BPM @ 3944 PSI = 71% PERFS OPEN. MP 4077, MR 51.3, AP 3395, AR 51, FG .87, ISIP 1944, NPI 744. BBLS PMP 724 SLK WTR, 24,050# 30/50 PROP.</p> <p align="right">CUMM TOTALS 2381 BBLS SLK WTR 60,177# 30/50 PROP 264 GAL SCALE INHIB 85 GAL BIOCIDES</p> <hr/> <p>RIH W/ HALCO 4-1/2" CBP AND SET KILL PLUG AT 4401'. RDMO JW EWL AND SUPERIOR. WINTERIZE FRAC VALVES. SDFN JSA- ND/NU. RIH. D/O PLUGS. PWR SWIVEL. SICP 0, ND FRAC VALVES. NU BOP. RU FLOOR. MU 3-7/8" MILL, PMP OPEN BIT SUB, AND 1.87" XN. RIH ON 2-3/8" J-55 TBG. TAG AT 4401'. RU DRLG EQUIP. FILL TBG. PRES TEST TO 2500#. GOOD. EST CIRC AND D/O PLUGS.</p>
12/14/2011	7:00 - 7:15	0.25	COMP	48		P		
	7:15 - 11:00	3.75	COMP	31	I	P		

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 922-34D-3	Spud Conductor: 12/7/2008	Spud Date: 12/11/2008
Project: UTAH-UINTAH	Site: NBU 922-34D-3	Rig Name No: MILES 3/3, MILES-GRAY 1/1
Event: RECOMPL/RESEREVEADD	Start Date: 12/6/2011	End Date: 12/14/2011
Active Datum: RKB @4,958.01ft (above Mean Sea Level)	UWI: 0/9/S/22/E/34/0/NW/6/PM/N/1,217.00/W/0/162.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	8:00 -		PROD	50				WELL TURNED TO SALES @ 800 HR ON 12/14/2011 - 570 MCFD,480 BWPD, FCP 1850#, FTP 1150#, 20/64" CK
	11:00 - 18:00	7.00	COMP	44	C	P		#1-- C/O 0' SAND TO CBP AT 4401'. D/O IN 30 MIN. 0 INC. 0 CP. RIH #2- C/O 15' SAND TO CBP AT 4516'. D/O IN 15 MIN. 0 INC. 0 CP. RIH. #3- C/O 20' SAND TO CBP AT 6686'. D/O IN 15 MIN. 50INC. 50 CP. RIH. CIBP ISOLATION PLUG AT 7046'. RIH TO 7031' W/ 226-JTS IN. CIRC CLEAN. RD PWR SWIVEL. LD 5-JTS. PU 4" 10K HANGER. LUB IN AND LAND 220-JTS W/ EOT AT 6895.47'. RD FLOOR. ND BOP. HANGER UPSIDE DOWN, NU BOP. RU FLOOR. LUB OUT HANGER AND TURN OVER. RELAND HANGER. RD FLOOR. ND BOP. NU WH. PMP OPEN BIT SUB AT 1900#. HOOK UP B&C. PRES TEST FLOW LINES FROM MASTER VALVE THRU PLUNGER T TO CHOKES. SITP 350#. SICP 1000#. SURFACE OPEN. OPEN TBG TO FBT. HOOK UP N2/FOAM UNITS TO 4-1/2" CSG. TURN OVER TO FBC AND PRODUCTION W/ N2/FOAM UNLOADING WELL. WILL RDSU IN AM. SDFN
								TBG DETAIL KB 20.00 4" 10K HANGER .83 220-JTS 2-3/8" J-55 6871.59 1.87" XN, PMP OPEN 3.05 BIT SUB W/ MILL EOT 6895.47
12/17/2011	7:00 -		PROD	50				TWTR 2381, TWR 600, LTR 1781. WELL IP'D ON 12/17/11 - 1316 MCFD, 0 BOPD, 548 BWPD, CP 981 #, FTP 221#, CK 20/64", LP 146#, 24 HRS
5/16/2012	7:00 - 7:15	0.25	COMP	48		P		JSA-SAFETY MEETING
	7:15 - 12:00	4.75	COMP	30	A	P		ROAD RIG FROM NBU 922-18F2 TO LOC, MIRU, TRY PUMP DN TBG W/ PRESSURE UP, PARIFUN WAX IN TBG,
	12:00 - 14:00	2.00	COMP	46	E	S		WAIT ON HOT OIL TRUCK TO PUMP DN CSG AND TBG
	14:00 - 16:30	2.50	COMP	30	E	S		R/U ACTION HOT OIL SERVICE, PUMP 100 BBLS 175* WTR DN CSG TRY PUMP DN TBG W/ PRESSURE UP, PUMP DN CSG 50 BBLS @ 200* W/ TBG CAME UNPLUG AND BLOWED TO TK, PUMP DN TBG 60 BBLS HOT WATER KILLING THE WELL, R/D HOT OILER,
	16:30 - 17:30	1.00	COMP	30	F	P		N/D WH, N/U BOPS, P/O LAY DN HANGER AND 2 JTS TBG, SHUT WELL IN SDFN
5/17/2012	7:00 - 7:15	0.25	COMP	48		P		JSA-SAFETY MEETING
	7:15 - 9:00	1.75	COMP	31	I	P		NO PRESSURE ON TBG, 500# ON CSG, BLOWED DN TO TK, TOOHW W/ 220 JTS 2 3/8" TBG, LAY DN MILL AND P/O SUB,

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 922-34D-3		Spud Conductor: 12/7/2008		Spud Date: 12/11/2008	
Project: UTAH-UINTAH			Site: NBU 922-34D-3		Rig Name No: MILES 3/3, MILES-GRAY 1/1
Event: RECOMPL/RESEREVEADD			Start Date: 12/6/2011		End Date: 12/14/2011
Active Datum: RKB @4,956.01ft (above Mean Sea Level)			UWI: 0/9/S/22/E/34/0/NVNW/6/PM/N/1,217.00/W/0/162.00/0/0		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	9:00 - 12:30	3.50	COMP	31	I	P		P/U 3 7/8" BIT AND POBS, TIH W/ 2 3/8" TBG TALLY AND BROACH TBG IN HOLE, TAG @ 7040', R/U POWER SWIVEL AND FOAM UNIT,
	12:30 - 19:30	7.00	COMP	44	C	P		ESTB CIRC W/ FOAM UNIT, TAG FILL AT 7040', CIRC DN TO CIBP @ 7046', DRILL UP CIBP IN 1 HOUR 22 MIN, TOOK 500# DIFF, FCP @ 1000#, CIRC WELL CLEAN, RIH TAG AT 8662', R/U SWIVEL, ESTB CIRC, C/O OUT TO 8778', COULD NOT MAKE ANY HOLE, CIRC WELL CLEAN, R/D SWIVEL, P/O 12 STAND, SHUT WELL IN SDFN,
5/18/2012	7:00 - 7:15	0.25	COMP	48		P		JSA-SAFETY MEETING
	7:15 - 15:00	7.75	COMP	31	I	P		1800# ON WELL, BLOW DN TO TK AND SALE LINE W/ PRESSURE STAYING 650#, DECIDE TO HANH TBG OFF AND PUT WELL ON SALES FOR NOW, P/O LAND TBG W/ HANGER @ 7043' W/ 225JT 2 3/8" J-55 TBG, N/D BOPS N/U WH, HOOK LINES UP TO SALES, R/D RIG MOVE OFF LOC, (((3 7/8" BIT AND POBS STILL ON END OF TBG, NO FLOATS IN POBS, PLAN TO MOVE BACK LATER TO FINISH CLEAN OUT,)))))))
								KB = 18.00'
								HANGER = .83'
								225 JTS 2 3/8" J-55 TBG = 7022.27'
								XN AND BOPS W/ BIT = 3.33'
								EOT = 7043.70'

1 General

1.1 Customer Information

Company	US ROCKIES REGION
Representative	
Address	

1.2 Well/Wellbore Information

Well	NBU 922-34D-3	Wellbore No.	OH
Well Name	NBU 922-34D-3	Wellbore Name	NBU 922-34D-3
Report No.	1	Report Date	12/12/2011
Project	UTAH-UINTAH	Site	NBU 922-34D-3
Rig Name/No.	MILES 3/3	Event	RECOMPL/RESEREVEADD
Start Date	12/6/2011	End Date	12/14/2011
Spud Date	12/11/2008	Active Datum	RKB @4,956.00usft (above Mean Sea Level)
UWI	0/9S/22/E/34/0/NWNNW6/PM/N1,217.00/W/0/162.00/O/O		

1.3 General

Contractor	JW WIRELINE	Job Method	PERFORATE	Supervisor	FRANK WINN
Perforated Assembly	PRODUCTION CASING	Conveyed Method	WIRELINE		

1.4 Initial Conditions

Fluid Type		Fluid Density	8.40 (ppg)
Surface Press	0.00 (psi)	Estimate Res Press	
TVD Fluid Top	0.0 (usft)	Fluid Head	7,006.0 (usft)
Hydrostatic Press	3,057.17 (psi)	Press Difference	3,057.17 (psi)
Balance Cond	OVER BALANCED		

1.5 Summary

Gross Interval	4,468.0 (usft)-7,006.0 (usft)	Start Date/Time	12/12/2011 12:00AM
No. of Intervals	7	End Date/Time	12/12/2011 8:36AM
Total Shots	0	Net Perforation Interval	21.00 (usft)
Avg Shot Density	0.00 (shot/ft)	Final Surface Pressure	
		Final Press Date	

2 Intervals

2.1 Perforated Interval

Date	Formation/Reservoir	CCL@ (usft)	CCL-T S (usft)	MD Top (usft)	MD Base (usft)	Shot Density (shot/ft)	Misfires/Add Shot	Diamete r (in)	Carr Type /Carr Manuf	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
12/12/2011 1 12:00AM	WASATCH/			4,468.0	4,472.0			0.360	EXP/	3.125	120.00		23.00	PRODUCTIO N	

2.1 Perforated Interval (Continued)

Date	Formation/ Reservoir	CCL@ (usft)	CCL-T S (usft)	MD Top (usft)	MD Base (usft)	Shot Density (shot/ft)	Misfires/ Add. Shot	Diamete r (in)	Carr Type /Carr Manuf	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
12/12/201 1 12:00AM	WASATCH/			4,482.0	4,486.0			0.360	EXP/	3.125	120.00		23.00	PRODUCTIO N	
12/12/201 1 12:00AM	WASATCH/			6,470.0	6,472.0			0.360	EXP/	3.125	120.00		23.00	PRODUCTIO N	
12/12/201 1 12:00AM	WASATCH/			6,519.0	6,520.0			0.360	EXP/	3.125	90.00		23.00	PRODUCTIO N	
12/12/201 1 12:00AM	WASATCH/			6,609.0	6,611.0			0.360	EXP/	3.125	120.00		23.00	PRODUCTIO N	
12/12/201 1 12:00AM	WASATCH/			6,680.0	6,682.0			0.360	EXP/	3.125	90.00		23.00	PRODUCTIO N	
12/12/201 1 8:36AM	MESAVERDE/			7,000.0	7,006.0			0.360	EXP/	3.125	90.00		23.00	PRODUCTIO N	

3 Plots

3.1 Wellbore Schematic

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0149077
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well		8. WELL NAME and NUMBER: NBU 922-34D-3
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		9. API NUMBER: 43047385120000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6511	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1217 FNL 0162 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 34 Township: 09.0S Range: 22.0E Meridian: S		COUNTY: UINTAH STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/8/2012 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
OTHER: <input type="text" value="Workover"/>		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The operator conducted the following workover/wellbore cleanout on the subject well on 11/08/2012. Please see the attached chronological well history for details. Thank you.		
		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 27, 2012
NAME (PLEASE PRINT) Jaime Scharnowske	PHONE NUMBER 720 929-6304	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 12/21/2012

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 922-34D-3		Spud Conductor: 12/7/2008		Spud Date: 12/11/2008	
Project: UTAH-UINTAH			Site: NBU 922-34D-3		Rig Name No: ROCKY MOUNTAIN WELL SERVICE 3/3
Event: WELL WORK EXPENSE			Start Date: 11/7/2012		End Date: 11/8/2012
Active Datum: RKB @4,956.00usft (above Mean Sea Level)			UWI: 0/9/S/22/E/34/0/NWNW/6/PM/N/1,217.00/W/0/162.00/0/0		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
11/7/2012	7:00 - 7:15	0.25	WO/REP	48		P		HSM-JSA
	7:15 - 16:00	8.75	WO/REP	31	I	P		ROAD RIG FROM NBU 1022-10A2T, MIRU SPOT EQUIP, CONTROL WELL W/ 30 BBLS TMAC, NDWH, NUBOP, POOH VISUALLY INSPECT 225 JTS 2 3/8" J-55 TBG & BIT, ALL GOOD, REPAIR FLOAT ON POBS RIH W/ 225 JTS TBG, PU 36 JTS OFF TRLR RIH TAG @ 8,183', RU PWR SWVL, SWIFN
11/8/2012	7:00 - 7:15	0.25	WO/REP	48		P		HSM-JSA
	7:15 - 18:00	10.75	WO/REP	44	D	P		MIRU, TECH FOAM, TRY TO CIRC PLUG BIT, POOH W/ TBG, BRK APART POBS TO C/O PARAFFIN RUINEDTHREADS, PU 3 7/8" BIT & POBS W/ XN SN RIH W/ 271 JTS TBG TAG @ 8,183', BRK CIRC W/ FOAM UNIT D/O PART OF ISO PLUG, CONT TO RIH TAG FILL @ 8,682', C/O TO 8,882' TAG OLD POBS, PUSH DWN TO 8,908' (8' BELOW BTM PERF) CIRC CLEAN, RD FOAM UNIT & PWR SWVL, POOH LD 9 JTS TB, STAND BACK 14 JTS, REMOVE STRING FLOAT, RIH W/ 14 JTS LAND TBG W/ 274 JTS J-55, EOT @ 8,597.47', RD FLOOR & TBG EQUIP, NDBOP, NUWH, POBS ??? PUMPED 40 BBLS W/ NO PRESS INC, RDMO, SWIFN. KB-18' HANGER-.83' 274 JTS 2 3/8" J-55 TBG-8,576.44' POBS W/ XN SN-2.20' EOT @ 8,597.47'