

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

5a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-0577-A	
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 UTE TRIBE	
2. Name of Operator WESTPORT OIL & GAS COMPANY L.P.		7. If Unit or CA Agreement, Name and No. Natural Buttes	
3A. Address 1368 SOUTH 1200 EAST, VERNAL, UTAH 84078		8. Lease Name and Well No. NBU 920-14M	
3b. Phone No. (include area code) 435-781-7060		9. API Well No. 43-047-37753	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SWSW 536' FSL 612' FWL 615978X 40.029514 At proposed prod. Zone 44317084 -109.640781		10. Field and Pool, or Exploratory NATURAL BUTTES	
14. Distance in miles and direction from nearest town or post office* 7 MILES SOUTHEAST OF OURAY, UTAH		12. County or Parish UINTAH	13. State UTAH
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 536'	16 2091.18	17. Spacing Unit dedicated to this well 40	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C	19. Proposed Depth 10300'	20. BLM/BIA Bond No. on file BIA #RLB0005239	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4813.9' GL	22. Approximate date work will start* UPON APPROVAL	23. Estimated duration TO BE DETERMINED	

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 <i>Debra Domenici</i>	Name (Printed/Typed) DEBRA DOMENICI	Date 2/8/2006
Title ASSOCIATE ENVIRONMENTAL ANALYST		
Approved by (Signature) <i>Bradley G. Hill</i>	Name (Printed/Typed) BRADLEY G. HILL	Date 03-06-06
Title ENVIRONMENTAL MANAGER		

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)

Federal Approval of this  
Action is Necessary

RECEIVED  
FEB 14 2006

BUREAU OF OIL, GAS & MINING

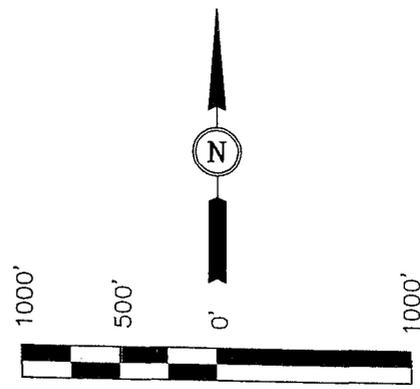
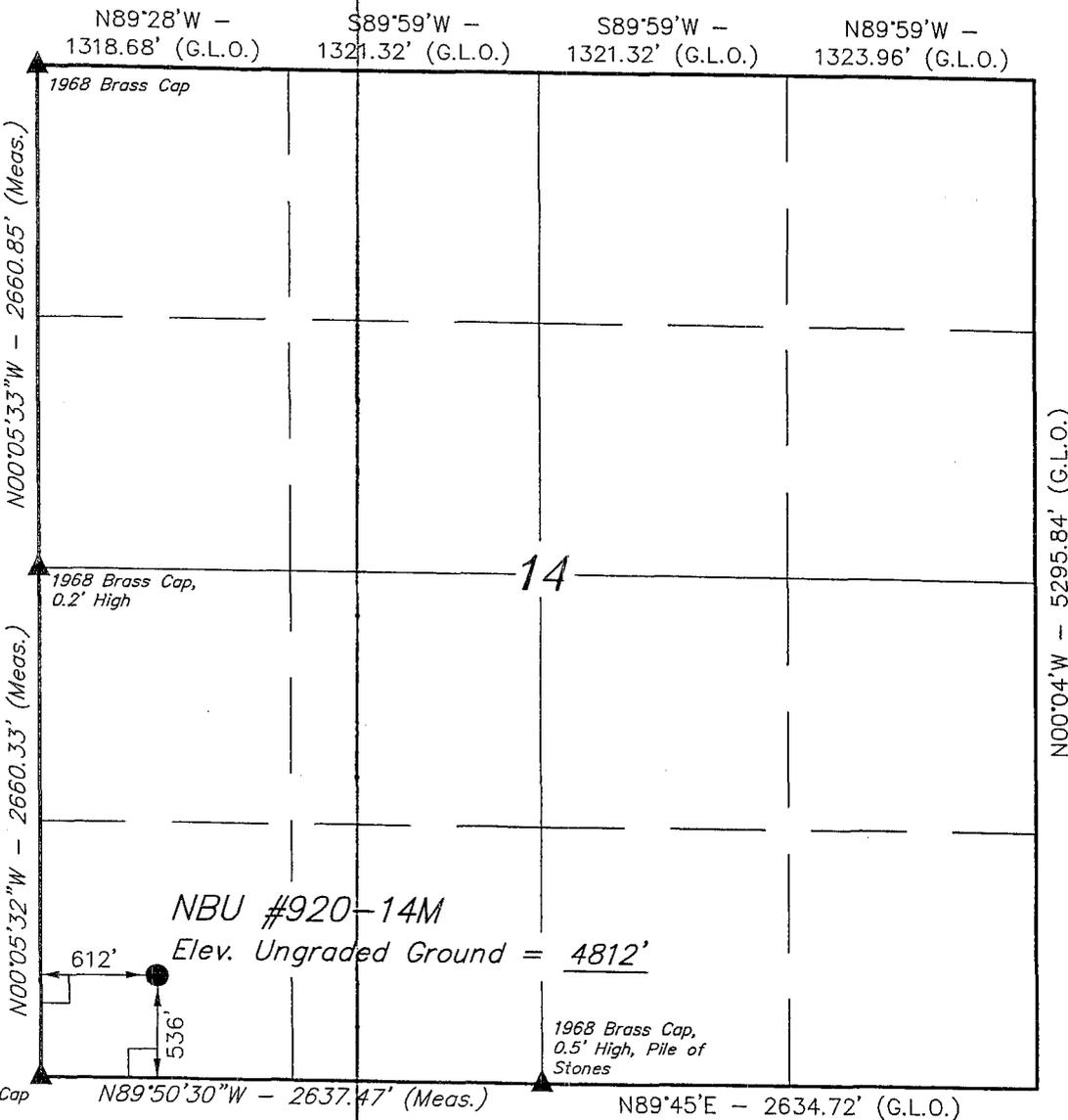
# T9S, R20E, S.L.B.&M.

## Kerr-McGee Oil & Gas Onshore LP

Well location, NBU #920-14M, located as shown in the SW 1/4 SW 1/4 of Section 14, T9S, R20E, S.L.B.&M. Uintah County, Utah.

### 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, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.



### 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.

*Robert J. Gray*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

Revised: 1-15-06

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

### BASIS OF BEARINGS

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

(NAD 83)  
 LATITUDE = 40°01'46.35" (40.029542)  
 LONGITUDE = 109°38'29.04" (109.641400)  
 (NAD 27)  
 LATITUDE = 40°01'46.48" (40.029578)  
 LONGITUDE = 109°38'26.55" (109.640708)

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b> 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 11-11-05	DATE DRAWN: 12-28-05
PARTY D.K. L.K. K.G.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE Kerr-McGee Oil & Gas Onshore LP	

NBU 920-14M  
SWSW SEC 14-T9S-R20E  
UINTAH COUNTY, UTAH  
LEASE NUMBER: UTU-0577-A

ONSHORE ORDER NO. 1  
WESTPORT OIL & GAS COMPANY

*DRILLING PROGRAM*

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
Green River	1700'
Wasatch	5200'
Mesaverde	8450'
Total Depth	10300'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1700'
Gas	Wasatch	5200'
Gas	Mesaverde	8450'
Water	N/A	
Other Minerals	N/A	

3. Pressure Control Equipment:

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

4. Proposed Casing & Cementing Program:

*Please see the Natural Buttes Unit SOP.*

Please refer to the attached Drilling Program.

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 at 10300' TD approximately equals 6386 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 4120 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates & Notification of Operations:**

*Please see the Natural Buttes Unit SOP.*

9. **Variances:**

*Please see the Natural Buttes Unit SOP.*

10. **Other Information:**

*Please see the 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 2400	32.30	H-40	STC	0.50*****	1.22	3.21
	9-5/8"	2400	to 2800	36.00	J-55	STC	1.01*****	1.54	7.12
PRODUCTION	4-1/2"	0	to 10300	11.60	I-80	LTC	1.72	0.93	1.93

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 = 12.7 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 4536 psi  
 \*\*\*\*\* Burst SF is low but csg is stronger than formation at 2800 feet  
 \*\*\*\*\* EMW @ 2800 for 2270# is 15.6 ppg or 0.8 psi/ft

**CEMENT PROGRAM**

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18
	Option 1						
	TOP OUT CMT (1)	250	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	100		15.60	1.18
		TOP OUT CMT (2)	as required	as req.		15.60	1.18
SURFACE	LEAD	2000	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	230	35%	11.00	3.82
	Option 2						
	TAIL	500	Premium cmt + 2% CaCl + .25 pps flocele	180	35%	15.60	1.18
		TOP OUT CMT	as required	as req.		15.60	1.18
PRODUCTION	LEAD	4,700'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	510	60%	11.00	3.38
	TAIL	5,600'	50/50 Poz/G + 10% salt + 2% gel + .1% R-3	1570	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 Totco 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

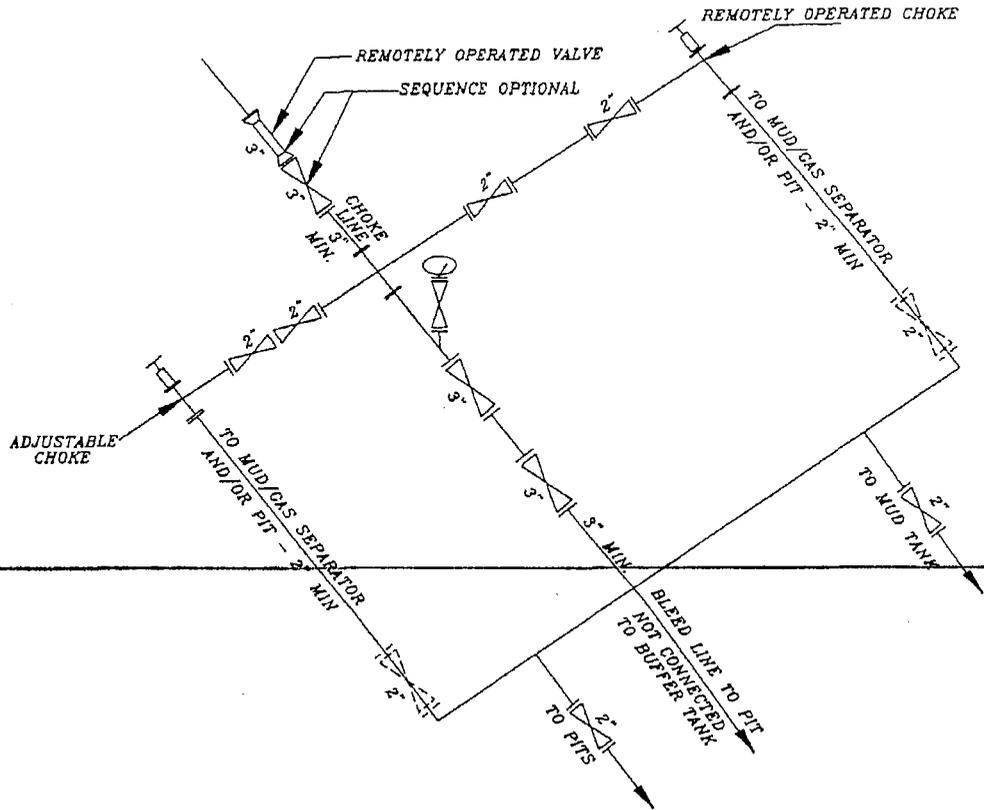
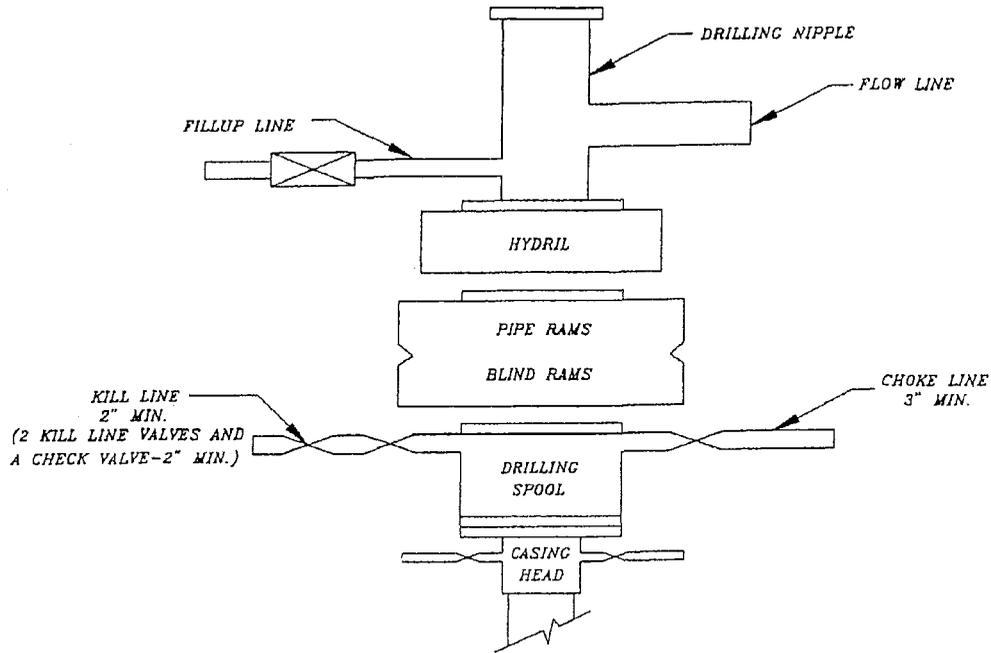
DATE: \_\_\_\_\_

DRILLING SUPERINTENDENT: \_\_\_\_\_

Randy Bayne NBU920-14M\_I80\_APD(pipeline).xls

DATE: \_\_\_\_\_

# 5M BOP STACK and CHOKE MANIFOLD SYSTEM



NBU 920-14M  
SWSW SEC 14-T9S-R20E  
UINTAH COUNTY, UTAH  
LEASE NUMBER: UTU-0577-A

ONSHORE ORDER NO. 1

***MULTI-POINT SURFACE USE & OPERATIONS PLAN***

1. **Existing Roads:**

Refer to Topo Map A for directions to the location.

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).*

Refer to Topo Map B for the location of the proposed access road.

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.*

Refer to Topo Map D for the location of the proposed pipeline.

5. **Location and Type of Water Supply:**

*Please see the Natural Buttes Unit SOP.*

6. **Source of Construction Materials:**

*Please see the Natural Buttes Unit SOP.*

7. **Methods of Handling Waste Materials**

*Please see the Natural Buttes Unit 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,. (Requests in lieu of filing Form 3160-5 after initial production).*

8. **Ancillary Facilities**

*Please see the Natural Buttes Unit 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).

Culvert(s) are to be installed as needed.

A run off diversion for drainage will be constructed as needed.

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

The reserve pit will be lined. When the reserve pit is closed, the pit liner will be buried below plow depth.

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

*Please see the Natural Buttes Unit SOP.*

11. **Surface Ownership:**

Ute Indian Tribe  
P.O. Box 70  
Fort Duchesne, Utah 84026  
(435)-722-5141

12. **Other Information:**

A Class III archaeological survey has been conducted for this location and submitted to the Ute Indian Tribe prior to the on-site.

13. **Lessee's or Operators's Representative & Certification:**

Debra Domenici  
Associate Environmental Analyst  
Kerr-McGee Oil & Gas Onshore LP  
1368 South 1200 East  
Vernal, UT 84078  
(435) 781-7060

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.

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.

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 terms and conditions of the lease for the operations conducted Upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Kerr-McGee Oil & Gas Onshore LP Bond #N-2115, BLM Nationwide Bond # CO-1203, and BIA Nationwide Bond # RLB0005239.

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.

Debra Domenici  
Debra Domenici

2/8/06  
Date

# Kerr-McGee Oil & Gas Onshore LP

NBU #920-14M

SECTION 14, T9S, R20E, 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; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 3.6 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 2.9 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #920-14L TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 38.0 MILES.

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# Kerr-McGee Oil & Gas Onshore LP

NBU #920-14M  
LOCATED IN UINTAH COUNTY, UTAH  
SECTION 14, T9S, R20E, S.L.B.&M.

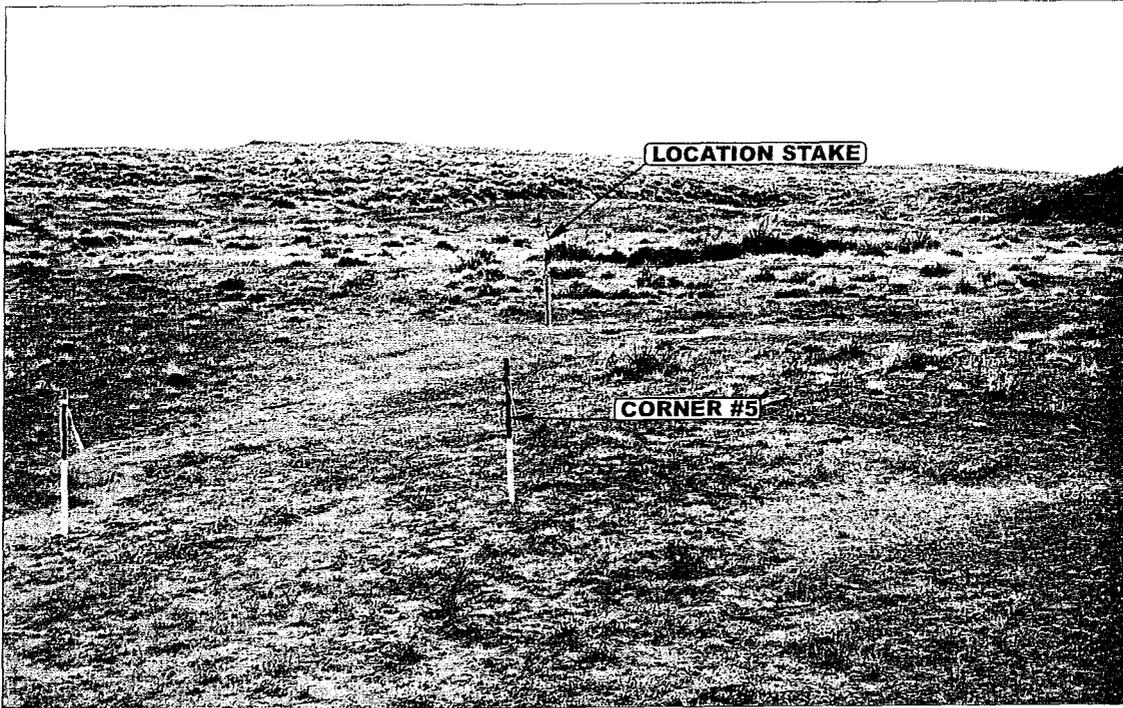


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY

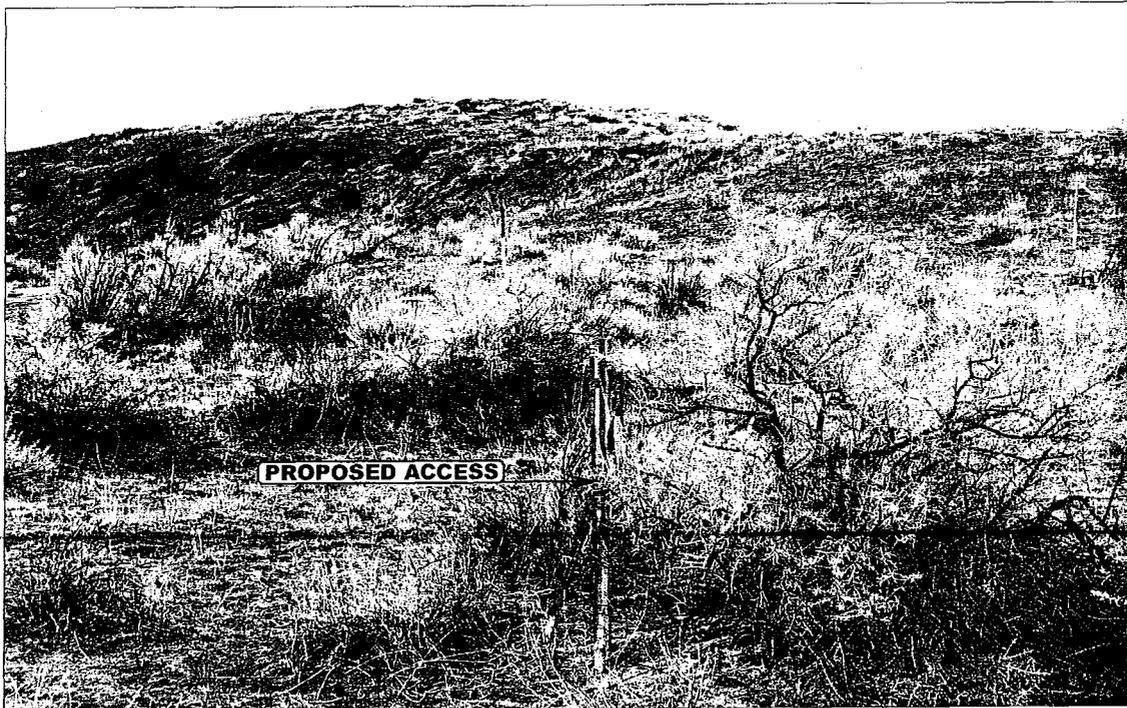


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: WESTERLY



- Since 1964 -

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

LOCATION PHOTOS

11 12 05  
MONTH DAY YEAR

PHOTO

TAKEN BY: D.K.

DRAWN BY: C.P.

REVISED: 01-13-06

# Kerr-McGee Oil & Gas Onshore LP

NBU #920-14M  
PIPELINE ALIGNMENT  
LOCATED IN UINTAH COUNTY, UTAH  
SECTION 14, T9S, R20E, S.L.B.&M.



PHOTO: VIEW FROM TIE-IN POINT

CAMERA ANGLE: WESTERLY

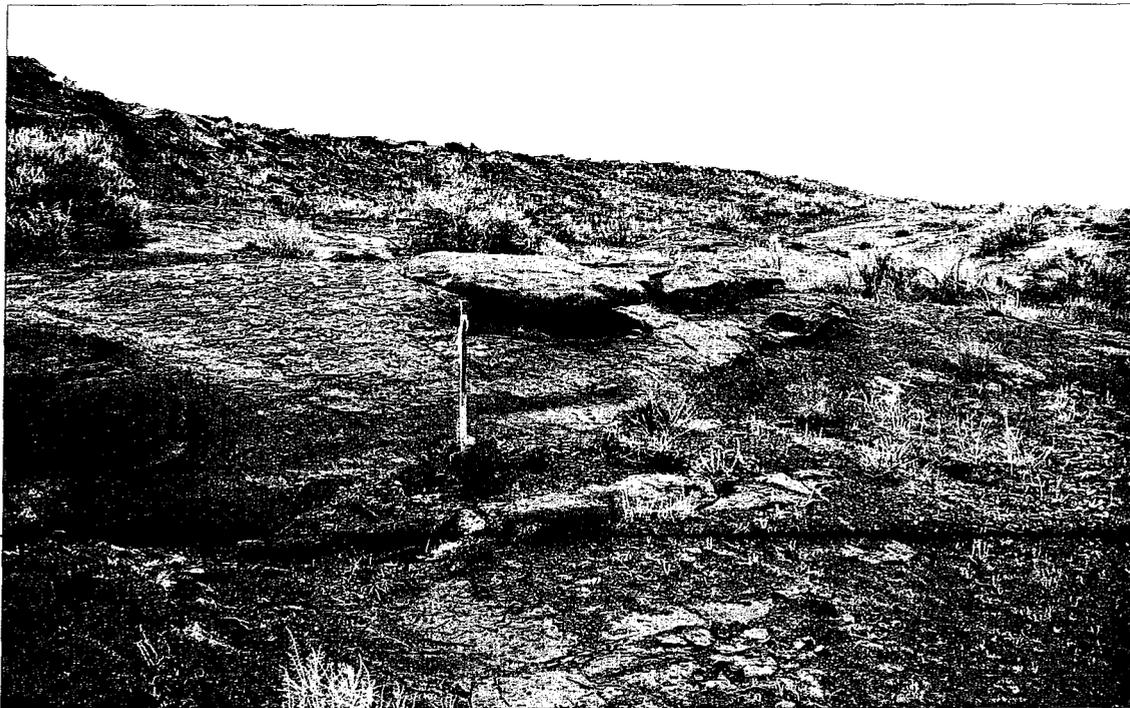


PHOTO: VIEW OF PIPELINE

CAMERA ANGLE: NORTHEASTERLY



- Since 1964 -

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

PIPELINE PHOTOS

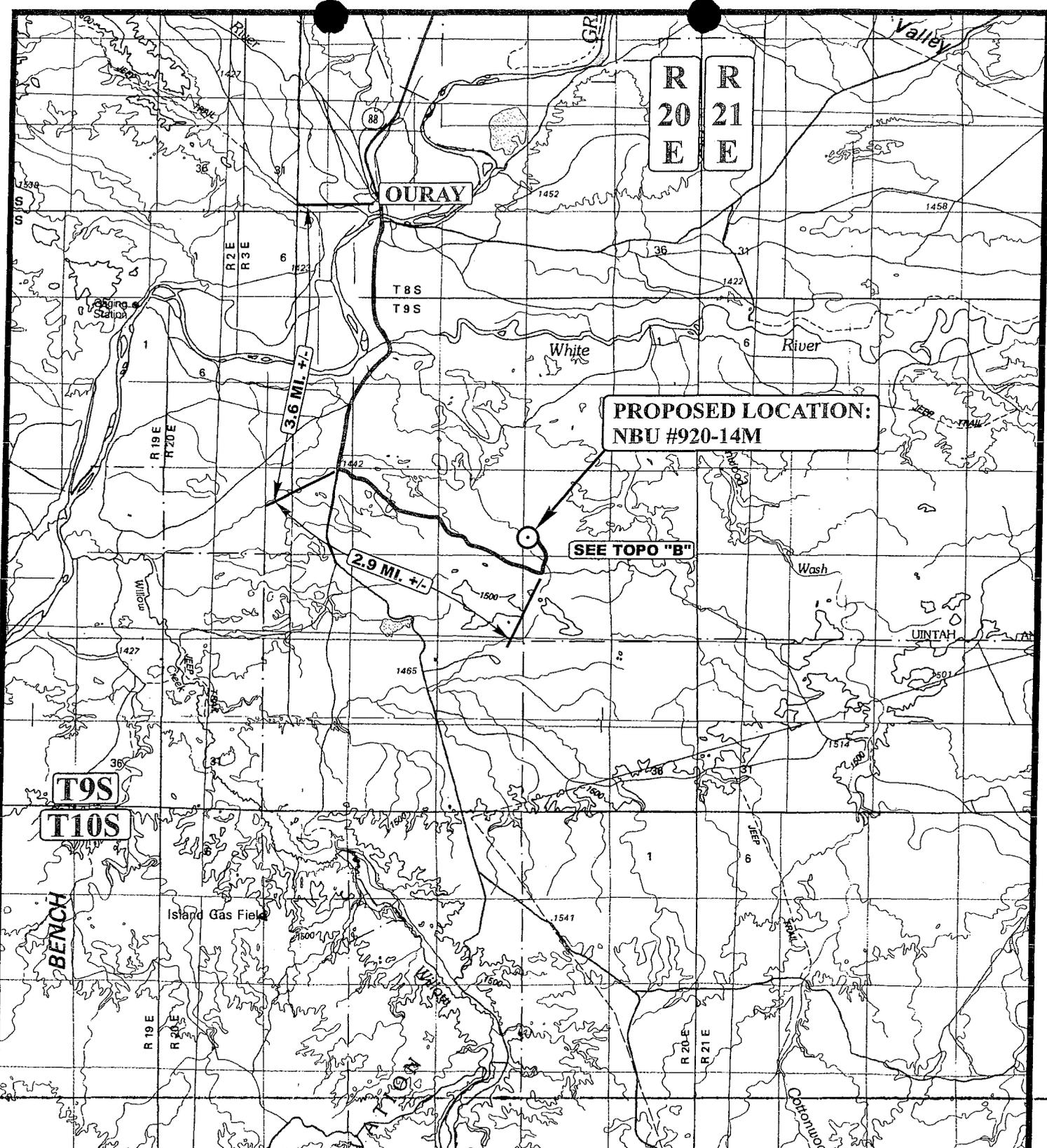
11 | 12 | 05  
MONTH | DAY | YEAR

PHOTO

TAKEN BY: D.K.

DRAWN BY: C.P.

REVISED: 01-13-06



**LEGEND:**

○ PROPOSED LOCATION



**Kerr-McGee Oil & Gas Onshore LP**

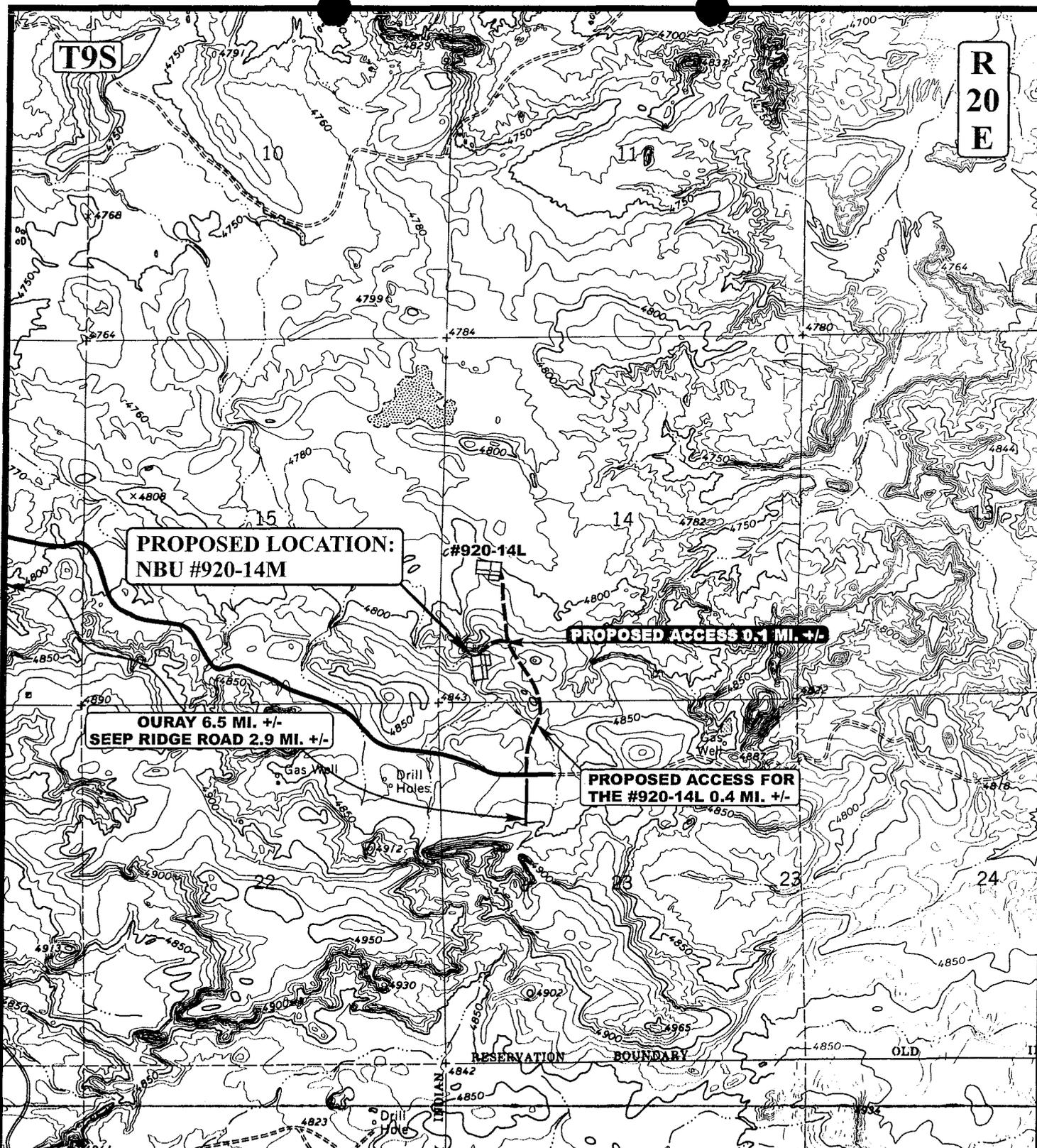
NBU #920-14M  
 SECTION 14, T9S, R20E, S.L.B.&M.  
 536' FSL 612' FWL



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

TOPOGRAPHIC MAP  
 11 12 05  
 MONTH DAY YEAR  
 SCALE: 1:100,000 DRAWN BY: C.P. REVISED: 01-13-06





**LEGEND:**  
 ——— EXISTING ROAD  
 - - - - - PROPOSED ACCESS ROAD

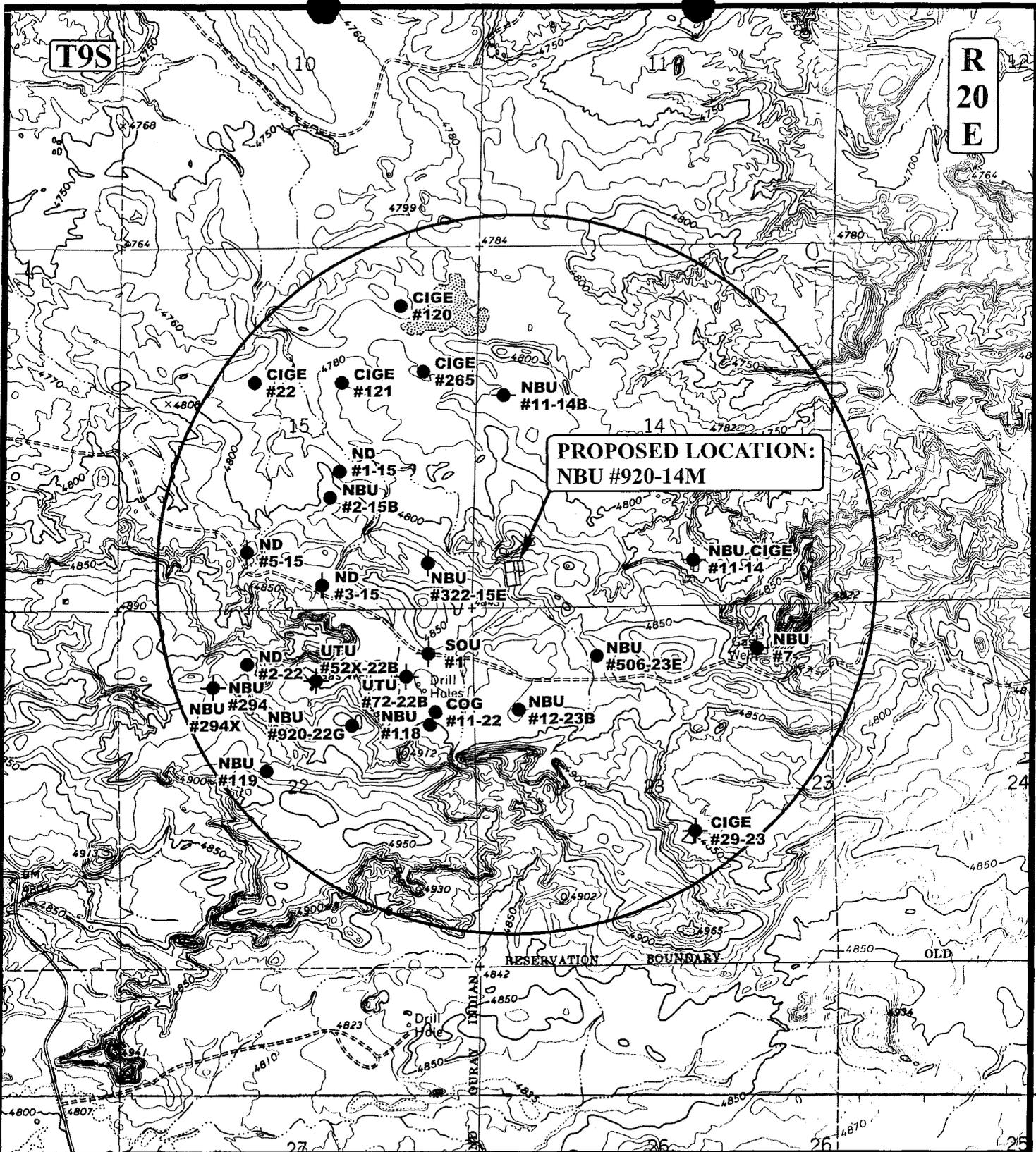
**UEIS** Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



**Kerr-McGee Oil & Gas Onshore LP**  
 NBU #920-14M  
 SECTION 14, T9S, R20E, S.L.B.&M.  
 536' FSL 612' FWL

**TOPOGRAPHIC** 11 12 05  
 MAP MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 01-13-06

**B**  
 TOPO



**PROPOSED LOCATION:  
NBU #920-14M**

**LEGEND:**

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



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



**Kerr-McGee Oil & Gas Onshore LP**

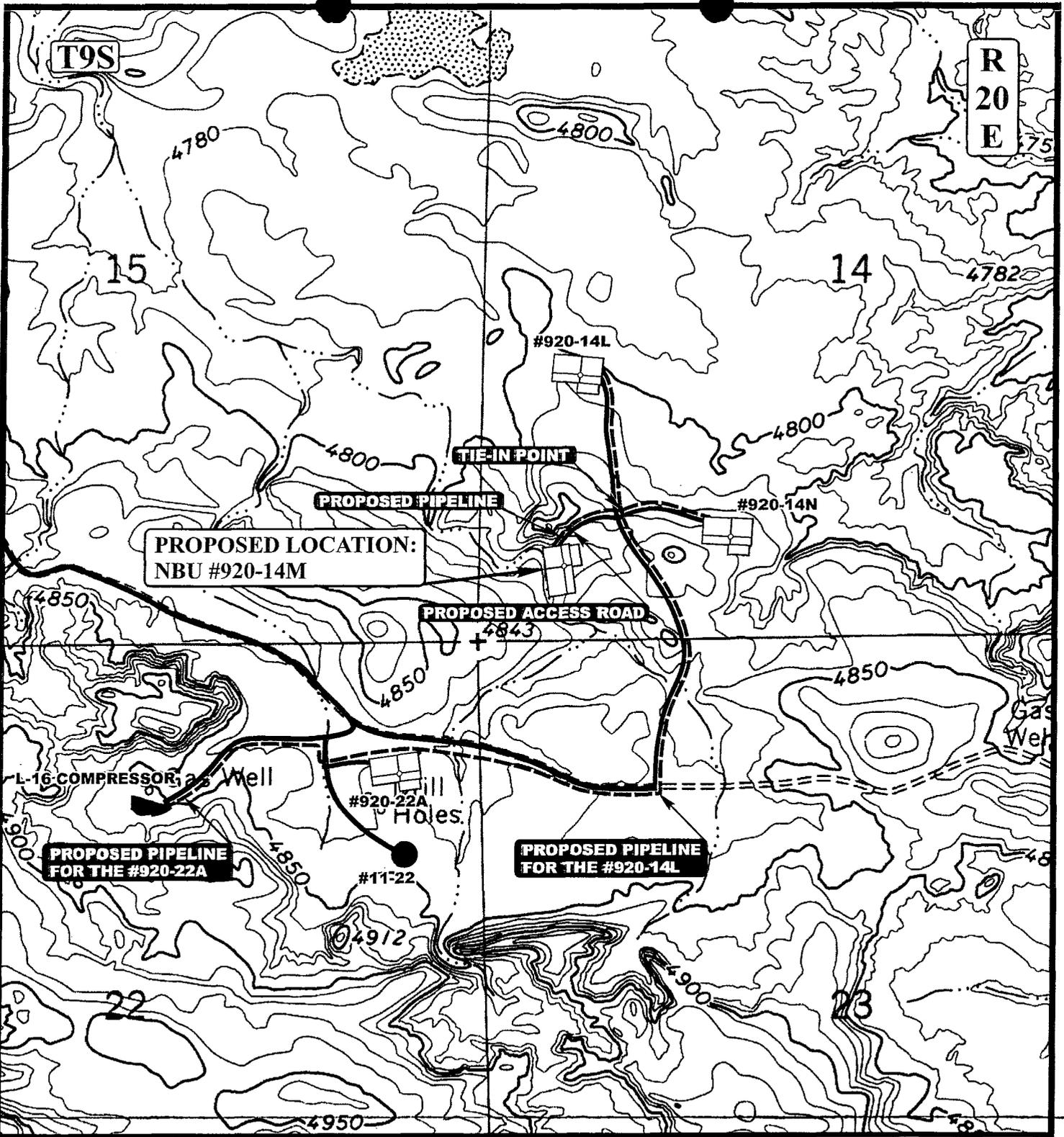
**NBU #920-14M**  
**SECTION 14, T9S, R20E, S.L.B.&M.**  
**536' FSL 612' FWL**

**TOPOGRAPHIC  
MAP**

**11 12 05**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 01-13-06





APPROXIMATE TOTAL PIPELINE DISTANCE = 549' +/-

**LEGEND:** Kerr-McGee Oil & Gas Onshore LP

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

N  
  
 SECTION 14, T9S, R20E, S.L.B.&M.  
 536' FSL 612' FWL

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

**TOPOGRAPHIC** 11 12 05  
**MAP** MONTH DAY YEAR  
 SCALE: 1" = 1000' DRAWN BY: C.P. REVISED: 01-13-06 **D**  
**TOPO**



# Kerr-McGee Oil & Gas Onshore LP

FIGURE #2

## TYPICAL CROSS SECTIONS FOR

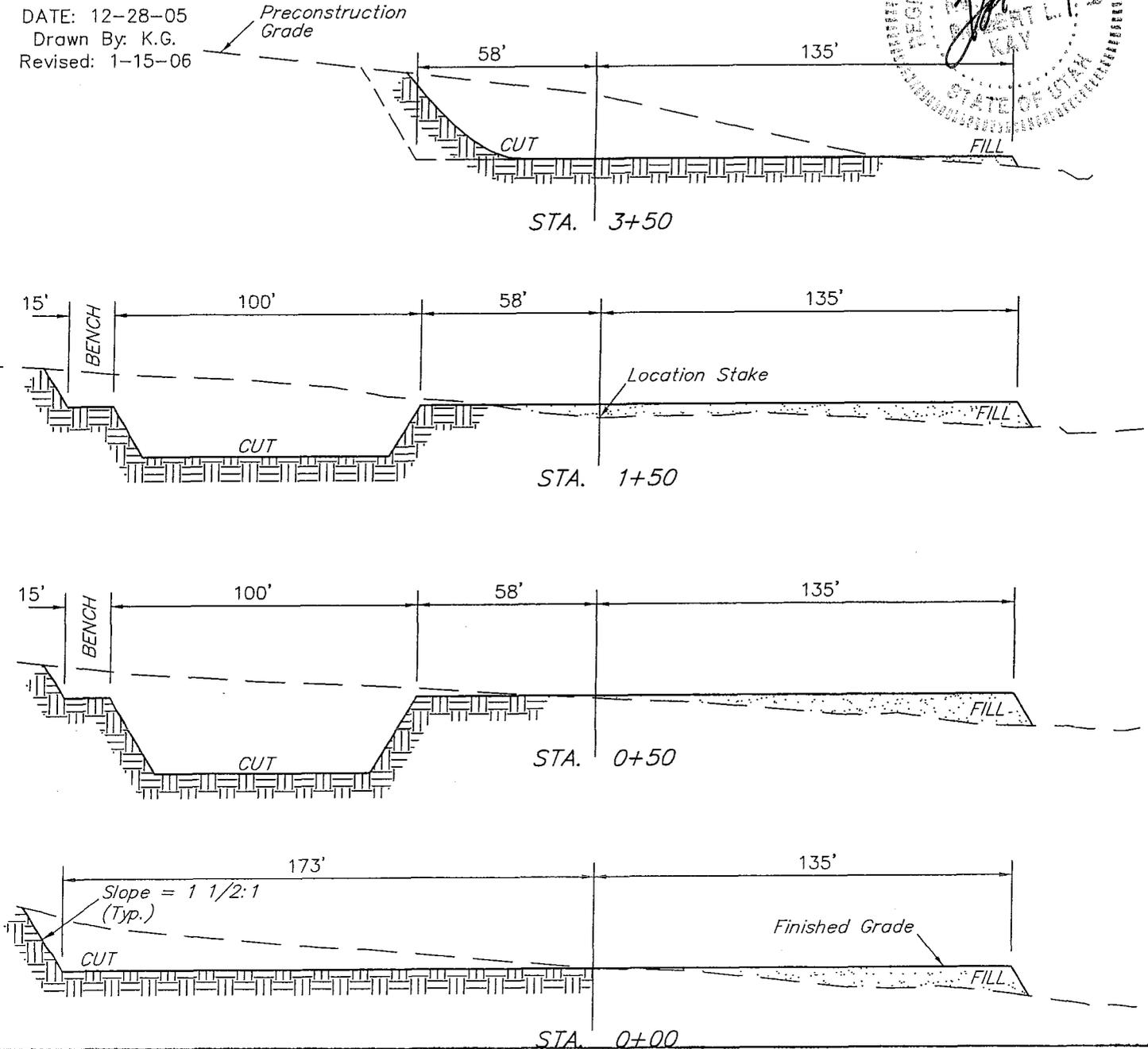
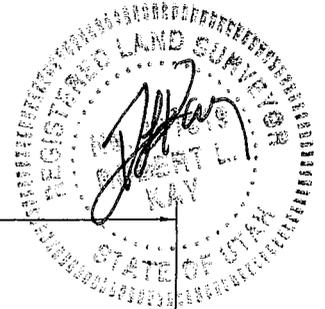
NBU #920-14M

SECTION 14, T9S, R20E, S.L.B.&M.

536' FSL 612' FWL

1" = 20'  
X-Section Scale  
1" = 50'

DATE: 12-28-05  
Drawn By: K.G.  
Revised: 1-15-06



\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

### APPROXIMATE YARDAGES

CUT	
(12") Topsoil Stripping	= 3,660 Cu. Yds.
Remaining Location	= 7,430 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 11,090 CU.YDS.</b>
<b>FILL</b>	<b>= 5,290 CU.YDS.</b>

EXCESS MATERIAL	= 5,800 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 5,800 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

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

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 02/14/2006

API NO. ASSIGNED: 43-047-37753

WELL NAME: NBU 920-14M  
 OPERATOR: WESTPORT OIL & GAS CO ( N2115 )  
 CONTACT: DEBRA DOMENICI

PHONE NUMBER: 435-781-7060

PROPOSED LOCATION:

SWSW 14 090S 200E  
 SURFACE: 0536 FSL 0612 FWL  
 BOTTOM: 0536 FSL 0612 FWL  
 COUNTY: UINTAH  
 LATITUDE: 40.02951 LONGITUDE: -109.6408  
 UTM SURF EASTINGS: 615978 NORTHINGS: 4431708  
 FIELD NAME: NATURAL BUTTES ( 630 )

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

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-0577-A  
 SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: WSMVD  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. RLB0005239 )
- 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:

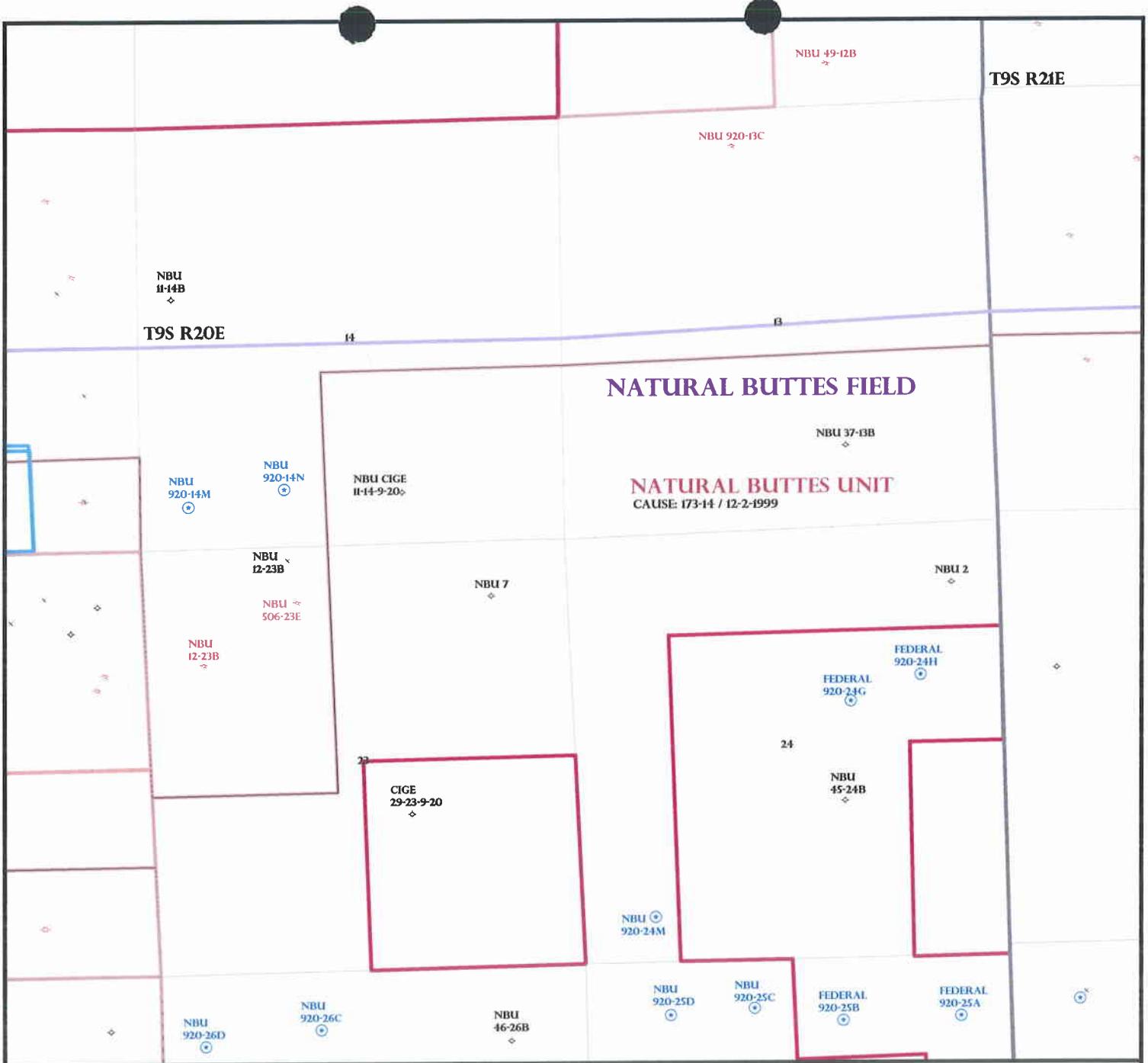
- \_\_\_\_\_ R649-2-3.
- Unit: NATURAL BUTTES
- \_\_\_\_\_ R649-3-2. General  
Siting: 460' From Qtr/Qtr & 920' Between Wells
- \_\_\_\_\_ R649-3-3. Exception
- Drilling Unit  
Board Cause No: 173-14  
Eff Date: 12-2-99  
Siting: 460' fr u bdr g p uncomm. tract
- \_\_\_\_\_ R649-3-11. Directional Drill

COMMENTS:

Sep, Spent file

STIPULATIONS:

Federal Approval  
2- OIL SHALE



OPERATOR: WESTPORT O&G CO (N2115)

SEC: 14,24 T. 9S R. 20E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

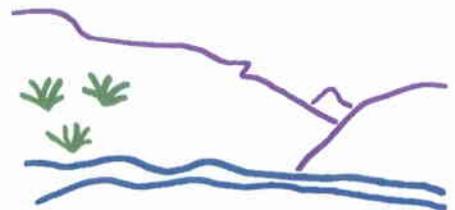
CAUSE: 173-14 / 12-2-1999

- Field Status**
- ABANDONED
  - ACTIVE
  - COMBINED
  - INACTIVE
  - PROPOSED
  - STORAGE
  - TERMINATED

- Unit Status**
- EXPLORATORY
  - GAS STORAGE
  - NF PP OIL
  - NF SECONDARY
  - PENDING
  - PI OIL
  - PP GAS
  - PP GEOTHERML
  - PP OIL
  - SECONDARY
  - TERMINATED

**Wells Status**

- ✂ GAS INJECTION
- ✂ GAS STORAGE
- ✂ LOCATION ABANDONED
- ⊕ NEW LOCATION
- ⊕ PLUGGED & ABANDONED
- ✂ PRODUCING GAS
- PRODUCING OIL
- ✂ SHUT-IN GAS
- SHUT-IN OIL
- ✂ TEMP. ABANDONED
- TEST WELL
- ⊕ WATER INJECTION
- ⊕ WATER SUPPLY
- ⊕ WATER DISPOSAL
- ⊕ DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 16-FEBRUARY-2006

# 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)

March 2, 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
-------	-----------	----------

(Proposed PZ Wasatch-MesaVerde)

43-047-37738	NBU 1022-19F	Sec 19 T10S R22E 2239 FNL 1622 FWL
43-047-37739	NBU 1022-19D	Sec 19 T10S R22E 0732 FNL 0640 FWL
43-047-37740	NBU 1022-19C	Sec 19 T10S R22E 0896 FNL 1891 FWL
43-047-37765	NBU 1022-16J	Sec 16 T10S R22E 2302 FSL 1901 FEL
43-047-37766	NBU 1022-16P	Sec 16 T10S R22E 0724 FSL 0973 FEL
43-047-37767	NBU 1022-16L	Sec 16 T10S R22E 1904 FSL 0343 FWL
43-047-37768	NBU 1022-18H	Sec 18 T10S R22E 1947 FNL 0465 FEL
43-047-37769	NBU 1022-18G	Sec 18 T10S R22E 1870 FNL 1383 FEL
43-047-37770	NBU 1022-18I	Sec 18 T10S R22E 1592 FSL 0803 FEL
43-047-37771	NBU 1022-18E	Sec 18 T10S R22E 1656 FNL 0606 FWL
43-047-37772	NBU 1022-18J	Sec 18 T10S R22E 2158 FSL 2171 FEL
43-047-37773	NBU 1022-18N	Sec 18 T10S R22E 0125 FSL 1249 FWL
43-047-37774	NBU 1022-18B	Sec 18 T10S R22E 0818 FNL 2040 FEL
43-047-37775	NBU 1022-18P	Sec 18 T10S R22E 0169 FSL 0249 FEL
43-047-37776	NBU 1022-18D	Sec 18 T10S R22E 0765 FNL 0311 FWL
43-047-37777	NBU 1022-18O	Sec 18 T10S R22E 0134 FSL 2445 FEL
43-047-37783	NBU 1022-19K	Sec 19 T10S R22E 1509 FSL 1427 FWL
43-047-37778	NBU 1022-19H	Sec 19 T10S R22E 2298 FNL 1086 FEL
43-047-37779	NBU 1022-19B	Sec 19 T10S R22E 0696 FNL 2180 FEL
43-047-37780	NBU 1022-19G	Sec 19 T10S R22E 2069 FNL 2241 FEL
43-047-37781	NBU 1022-19I	Sec 19 T10S R22E 2135 FSL 0460 FEL
43-047-37782	NBU 1022-19O	Sec 19 T10S R22E 0740 FSL 2065 FEL
43-047-37734	NBU 1021-27E	Sec 27 T10S R21E 1862 FNL 0535 FWL
43-047-37728	NBU 1021-28G	Sec 28 T10S R21E 1952 FNL 1971 FEL
43-047-37721	NBU 1021-13C	Sec 13 T10S R21E 0576 FNL 1772 FWL
43-047-37722	NBU 1021-13A	Sec 13 T10S R21E 0651 FNL 1311 FEL

Page 2

43-047-37723	NBU 1021-13G	Sec 13	T10S	R21E	1444	FNL	2651	FEL
43-047-37724	NBU 1021-13K	Sec 13	T10S	R21E	1935	FSL	1486	FWL
43-047-37725	NBU 1021-13I	Sec 13	T10S	R21E	2353	FSL	0668	FEL
43-047-37727	NBU 1021-13O	Sec 13	T10S	R21E	0777	FSL	1573	FEL
43-047-37761	NBU 920-20P	Sec 20	T09S	R20E	0769	FSL	0978	FEL
43-047-37760	NBU 920-20O	Sec 20	T09S	R20E	0842	FSL	1913	FEL
43-047-37759	NBU 920-20N	Sec 20	T09S	R20E	0803	FSL	1885	FWL
43-047-37758	NBU 920-20M	Sec 20	T09S	R20E	0630	FSL	0838	FWL
43-047-37757	NBU 920-20L	Sec 20	T09S	R20E	2104	FSL	0827	FWL
43-047-37756	NBU 920-20J	Sec 20	T09S	R20E	1466	FSL	1653	FEL
43-047-37755	NBU 920-20I	Sec 20	T09S	R20E	1955	FSL	0717	FEL
43-047-37732	NBU 920-22E	Sec 22	T09S	R20E	2009	FNL	0756	FWL
43-047-37764	NBU 920-24M	Sec 24	T09S	R20E	0614	FSL	0851	FWL
43-047-37753	NBU 920-14M	Sec 14	T09S	R20E	0536	FSL	0612	FWL
43-047-37754	NBU 920-14N	Sec 14	T09S	R20E	0732	FSL	1805	FWL

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

/s/ Michael L. Coulthard

bcc: File – Natural Buttes Unit  
Division of Oil Gas and Mining  
Central Files



**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*

March 6, 2006

Westport Oil & Gas Company, LP  
1368 South 1200 East  
Vernal, UT 84078

Re: Natural Buttes Unit 920-14M Well, 536' FSL, 612' FWL, SW SW, Sec. 14,  
T. 9 South, R. 20 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 43-047-37753.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

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

Operator: Westport Oil & Gas Company, LP  
Well Name & Number Natural Buttes Unit 920-14M  
API Number: 43-047-37753  
Lease: UTU-0577-A

Location: SW SW                      Sec. 14                      T. 9 South                      R. 20 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.

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

<b>ROUTING</b>
1. DJJ
2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:		<b>1/6/2006</b>
<b>FROM:</b> (Old Operator): N2115-Westport Oil & Gas Co., LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024	<b>TO:</b> ( New Operator): N2995-Kerr-McGee Oil & Gas Onshore, LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024	

WELL NAME	CA No.	Unit:	NATURAL BUTTES UNIT					
	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- b. If **NO**, the operator was contacted on:
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- 5c. Reports current for Production/Disposition & Sundries on: ok
- 6. Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
- 7. Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
- 8. Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- 9. Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on: \_\_\_\_\_
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG  
The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

**COMMENTS:**

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.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**KERR-McGEE OIL & GAS ONSHORE LP**

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

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

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

5. Lease Serial No.  
**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
**MUTIPLE WELLS**

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State  
**UINTAH COUNTY, UTAH**

**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 <b>CHANGE OF OPERATOR</b>
	<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 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 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.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006. KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

**RECEIVED**

**MAY 10 2006**

DIV. OF OIL, GAS & MINING

*BLM BOND = C01203  
BIA BOND = RLB0005239*

**APPROVED 5/16/06**

*Earlene Russell*  
**Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician**

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

Name (Printed/Typed) <b>RANDY BAYNE</b>	Title <b>DRILLING MANAGER</b>
Signature <i>Randy Bayne</i>	Date <b>May 9, 2006</b>

**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.

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.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**WESTPORT OIL & GAS COMPANY L.P.**

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

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

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

5. Lease Serial No.  
**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
**MUTIPLE WELLS**

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State  
**UINTAH COUNTY, UTAH**

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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<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
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other <b>CHANGE OF OPERATOR</b>

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 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.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

**APPROVED** 5/16/06  
*Earlene Russell*  
 Division of Oil, Gas and Mining  
 Earlene Russell, Engineering Technician

RECEIVED  
 MAY 10 2006

DIV OF OIL, GAS & MINING

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

Name (Printed/Typed) <b>BRAD LANEY</b>	Title <b>ENGINEERING SPECIALIST</b>
Signature	Date <b>May 9, 2006</b>

THIS SPACE FOR FEDERAL OR STATE USE

Approved by <i>Brad Laney</i>	Title	Date <b>5-9-06</b>
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.



## United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Colorado State Office  
2850 Youngfield Street  
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)  
3106  
COC017387 et. al.

March 23, 2006

### NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :  
1999 Broadway, Suite 3700 : Oil & Gas  
Denver, CO 80202 :

#### Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell  
Martha L. Maxwell  
Land Law Examiner  
Fluid Minerals Adjudication

**Attachment:**

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



# United States Department of the Interior



BUREAU OF LAND MANAGEMENT  
Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>

IN REPLY REFER TO:  
3106  
(UT-922)

March 27, 2006

## Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of  
Fluid Minerals

## Enclosure

Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare  
Dave Mascarenas  
Susan Bauman

RECEIVED

MAR 28 2006

DIV. OF OIL, GAS & MINERALS

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-0577-A

6. If Indian, Allottee or Tribe Name  
UTE TRIBE

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

8. Well Name and No.  
NBU 920-14M

9. API Well No.  
4304737753

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, UT 84078

3b. Phone No. (include area code)  
435-781-7003

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
536' FSL 612' FWL  
SWSW, SEC 14-T9S-R20E

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

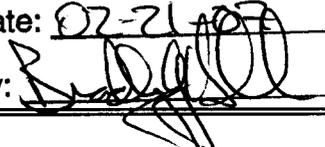
TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> 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	DOGM
	<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 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.

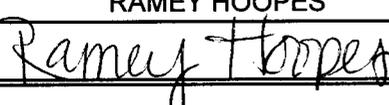
THE OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE DIVISION OF OIL, GAS AND MINING ON MARCH 6, 2006.

Approved by the  
Utah Division of  
Oil, Gas and Mining

2-22-07  
RM

Date: 02-21-07  
By: 

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

Name (Printed/Typed) RAMEY HOOPES	Title REGULATORY CLERK
Signature 	Date FEBURARY 12, 2007

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	

RECEIVED

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.

FEB 20 2007

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

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

**API:** 4304737753  
**Well Name:** NBU 920-14M  
**Location:** SWSW, SEC 14-T9S-R20E  
**Company Permit Issued to:** KERR MCGEE OIL AND GAS ONSHORE LP  
**Date Original Permit Issued:** 3/6/2006

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 Hopper  
Signature

2/12/2007  
Date

**Title:** Regulatory Clerk

**Representing:** Kerr McGee Oil & Gas Onshore LP

**RECEIVED  
FEB 20 2007**

RECEIVED

FEB 09 2006

Form 3160-3  
(August 1999)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0136  
Expires November 30, 2006

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work:  DRILL  REENTER

b. Type of Well:  Oil Well  Gas Well  Other  Single Zone  Multiple Zone

5. Lease Serial No.  
UTU-0577-A

6. If Indian, Allottee or Tribe Name  
UTE TRIBE

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

8. Lease Name and Well No.  
NBU 920-14M

2. Name of Operator  
WESTPORT OIL & GAS COMPANY L.P.

3A. Address  
1368 SOUTH 1200 EAST, VERNAL, UTAH 84078

3b. Phone No. (include area code)  
435-781-7060

9. API Well No.  
43-047-37753

10. Field and Pool, or Exploratory  
NATURAL BUTTES

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)  
At surface SWSW 536' FSL 612' FWL  
At proposed prod. Zone

11. Sec., T., R., M., or Blk, and Survey or Area  
SEC 14-T9S-R20E

14. Distance in miles and direction from nearest town or post office\*  
7 MILES SOUTHEAST OF OURAY, UTAH

12. County or Parish  
UINTAH

13. State  
UTAH

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)  
536'

16  
2091.18

17. Spacing Unit dedicated to this well  
40

18. Distance from proposed location\* to nearest well, drilling, completed, applied for, on this lease, ft.  
REFER TO TOPO C

19. Proposed Depth  
10300'

20. BLM/BIA Bond No. on file  
BIA #RLB0005239

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
4813.9' GL

22. Approximate date work will start\*  
UPON APPROVAL

23. Estimated duration  
TO BE DETERMINED

24. Attachments

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

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

25. Signature *Debra Domenici* Name (Printed/Typed) DEBRA DOMENICI Date 2/8/2006

Title ASSOCIATE ENVIRONMENTAL ANALYST

Approved by (Signature) *Jerry Kucelka* Name (Printed/Typed) JERRY KUCELKA Date 12-27-2007

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.

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  
JAN 14 2008  
DIV. OF OIL, GAS & MINING

4906M  
NOTICE OF APPROVAL CONDITIONS OF APPROVAL ATTACHED  
07BM 4909A



**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**

<b>Company:</b>	<b>Kerr-McGee Oil &amp; Gas Onshore, LP</b>	<b>Location:</b>	<b>SWSW, Sec. 14, T9S, R20E</b>
<b>Well No:</b>	<b>NBU 920-14M</b>	<b>Lease No:</b>	<b>UTU- 0577-A</b>
<b>API No:</b>	<b>43-047- 37753</b>	<b>Agreement:</b>	<b>N/A</b>

<b>Title</b>	<b>Name</b>	<b>Office Phone Number</b>	<b>Cell Phone Number</b>
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
NRS/Enviro Scientist:	Paul Buhler	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:		(435) 781-4476	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	(435) 828-3544
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
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:	Darren Williams	(435) 781-4447	
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<br>(Notify Environmental Scientist)       | - Forty-Eight (48) hours prior to construction of location and access roads.   |
| Location Completion<br>(Notify Environmental Scientist)         | - Prior to moving on the drilling rig.   |
| Spud Notice<br>(Notify Petroleum Engineer)                      | - Twenty-Four (24) hours prior to spudding the well.   |
| Casing String & Cementing<br>(Notify Supv. Petroleum Tech.)     | - Twenty-Four (24) hours prior to running casing and cementing all casing strings.   |
| BOP & Related Equipment Tests<br>(Notify Supv. Petroleum Tech.) | - Twenty-Four (24) hours prior to initiating pressure tests.   |
| First Production Notice<br>(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.

**General Conditions of Approval**

- A 30' foot corridor right-of-way shall be approved. Upon completion of each pipeline in corridor, they shall be identified and filed with the Ute Tribe.
- A qualified Archaeologist accompanied by a Tribal Technician will monitor trenching construction of pipeline.
- The Ute Tribe Energy & Minerals Department is to be notified, in writing 48 hours prior to construction of pipeline.
- Construction Notice shall be given to the department on the Ute Tribe workdays, which are Monday through Thursday. The Company understands that they may be responsible for costs incurred by the Ute Tribe after hours.
- The Company shall inform contractors to maintain construction of pipelines within the approved ROW's.
- The Company shall assure the Ute Tribe that "ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, LEASING CONTRACTORS, AND ETC." have acquired a current and valid Ute Tribal Business License and have "Access Permits" prior to construction, and will have these permits in all vehicles at all times.
- You are hereby notified that working under the "umbrella" of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.
- Any deviation of submitted APD's and ROW applications the Companies will notify the Ute Tribe and BIA in writing and will receive written authorization of any such change with appropriate authorization.
- The Company will implement "Safety and Emergency Plan." The Company's safety director will ensure its compliance.
- All Company employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's and/or ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations should be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.

- All personnel should refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.
- The personnel from the Ute Tribe Energy & Minerals Department should be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.
- All mitigative stipulations contained in the Bureau of Indian Affairs Site Specific Environmental Assessment (EA) will be strictly adhered.
- Upon completion of Application for Corridor Right-Way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

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

**SITE SPECIFIC DOWNHOLE COAs:**

- Surface casing cement shall be brought up to the surface. To reach the surface, operator is required to pump additional cement beyond the stated amounts of sacks in application.

**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.
- 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 (¼¼, 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.

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-0577-A

6. If Indian, Allottee or Tribe Name

UTE TRIBE

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

UNIT #891008900A  
NATURAL BUTTES UNIT

8. Well Name and No.

NBU 920-14M

9. API Well No.

4304737753

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, UT 84078

3b. Phone No. (include area code)

435.781.7024

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

SW/SW SEC. 14, T9S, R20E 536'FSL, 612'FWL

**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"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<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
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other <u>APD EXTENSION</u>
			<u>DOGM</u>

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 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 OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APPROVED BY THE DIVISION OF OIL, GAS AND MINING ON MARCH 6, 2006.

Approved by the  
Utah Division of  
Oil, Gas and Mining

COPY SENT TO OPERATOR

Date: 2-26-2008

Initials: KS

Date: 02-25-08

By: [Signature]

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

Name (Printed/Typed)

SHEILA UPCHEGO

Title

SENIOR LAND ADMIN SPECIALIST

Signature

[Signature]

Date

February 5, 2008

**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.

RECEIVED

(Instructions on reverse)

FEB 25 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:** 4304737753   
**Well Name:** NBU 920-14M  
**Location:** SW/SW SEC. 14, T9S, R20E  
**Company Permit Issued to:** WESTPORT OIL & GAS COMPANY  
**Date Original Permit Issued:** 3/6/2006

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

2/5/2008  
Date

Title: SENOIR LAND ADMIN SPECIALIST

Representing: KERR-McGEE OIL & GAS ONSHORE LP

**RECEIVED**  
**FEB 25 2008**  
DIV OF OIL, GAS & MINING

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.*

**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. UTU-0577-A
2. Name of Operator KERR-McGEE OIL & GAS ONSHORE LP		6. If Indian, Allottee or Tribe Name UTE TRIBE
3a. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078	3b. Phone No. (include area code) (435) 781-7024	7. If Unit or CA/Agreement, Name and/or No. UNIT #891008900A NATURAL BUTTES UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SW/SW SEC. 14, T9S, R20E 536'FSL, 612'FWL		8. Well Name and No. NBU 920-14M
		9. API Well No. 4304737753
		10. Field and Pool, or Exploratory Area NATURAL BUTTES
		11. County or Parish, State UINTAH COUNTY, UTAH

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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<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
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other <u>WELL SPUD</u>

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

**SPUD WELL LOCATION ON 06/19/2008 AT 1100 HRS.**

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

Name (Printed/Typed) SHEILA UPCHEGO	Title SENIOR LAND ADMIN SPECIALIST
Signature 	Date June 19, 2008

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.

(Instructions on reverse)

**RECEIVED**  
JUN 23 2008  
DIV. OF OIL, GAS & MINING

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
4304737753	NBU 920-14M		SWSW	14	9S	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<u>B</u>	99999	<u>2900</u>	6/19/2008			<u>6/30/08</u>	
<b>Comments:</b> MIRU PETE MARTIN BUCKET RIG <u>W5MVD</u> SPUD WELL LOCATION ON 006/19/2008 AT 1100 HRS							

Well 2

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

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	
<b>Comments:</b>							

**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

SENIOR LAND SPECIALIST

6/19/2008

Title

Date

**RECEIVED**

**JUN 23 2008**

(5/2000)

**DIV. OF OIL, GAS & MINING**

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-0577-A

6. If Indian, Allottee or Tribe Name  
UTE TRIBE

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

8. Well Name and No.  
**NBU 920-14M**

9. API Well No.  
4304737753

10. Field and Pool, or Exploratory Area  
NATURAL BUTTES

11. County or Parish, State  
UINTAH COUNTY, 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 & GAS ONSHORE LP**

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SW/SW SEC. 14, T9S, R20E 536'FSL, 612'FWL**

**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 <b>SET SURFACE</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>CSG</b>
	<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 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 06/21/2008. DRILLED 12 1/4" SURFACE HOLE TO 2850'. RAN 9 5/8" 36# J-55 SURFACE CSG. LEAD CMT W/210 SX HIFILL CLASS G @11.0 PPG 3.82 YIELD. TAILED CMT W/ 200 SX PREM CLASS G @15.8 PPG 1.15 YIELD. GOOD RETURNS THROUGH OUT JOB GEL WATER TO SURFACE NO LEAD CMT TO PIT 500 PSI LIFT. RAN 200' OF 1" PIPE. CMT W/125 SX PREM CLASS G @15.8 PPG 1.15 YIELD. GOOD CMT TO SURFACE AND FELL BACK. TOP OUT W/100 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE GOOD CMT TO SURFACE HOLE STAYED FULL.  
WORT

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

Name (Printed/Typed) <b>SHEILA UPCHEGO</b>	Title <b>SENIOR LAND ADMIN SPECIALIST</b>
Signature 	Date <b>June 26, 2008</b>

**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.

(Instructions on reverse)

**RECEIVED**

**JUN 30 2008**

DIV. OF OIL, GAS & MINING

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.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

**KERR-McGEE OIL & GAS ONSHORE LP**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7024**

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

**SW/SW SEC. 14, T9S, R20E 536'FSL, 612'FWL**

5. Lease Serial No.

**UTU-0577-A**

6. If Indian, Allottee or Tribe Name

**UTE TRIBE**

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

**UNIT #891008900A**

**NATURAL BUTTES UNIT**

8. Well Name and No.

**NBU 920-14M**

9. API Well No.

**4304737753**

10. Field and Pool, or Exploratory Area

**NATURAL BUTTES**

11. County or Parish, State

**JUNTAH COUNTY, UTAH**

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 <b>FINAL DRILLING OPERATIONS</b>
	<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 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 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 2850' TO 10,700' ON 07/13/2008. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/430 SX PREM LITE II @11.5 PPG 2.82 YIELD. TAILED CMT W/1000 SX 50/50 POZ @ 14.3 PPG 1.31 YIELD. DROP PLUG & DISPLACE W/165.8 BBLs CLAYTREAT WATER. BUMP PLUG W/ 3400 PSI (500 OVER PSI) GOOD RETURNS TILL END OF JOB RETURNS SLOWED NO CMT TO SURFACE W/2900 PSI LIFT. HANG OFF PROD CSG TEST HANGER TO 5000 PSI. (OK) N/D CLEAN PITS.

RELEASED PIONEER RIG 54 ON 07/15/2008 AT 0400 HRS.

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

Name (Printed/Typed)

**SHEILA UPCHEGO**

Title

**REGULATORY ANALYST**

Date

**July 16, 2008**

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.

(Instructions on reverse)

RECEIVED

JUL 21 2008

DIV. OF OIL, GAS & MINING

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.**

**SUBMIT IN TRIPLICATE – Other instructions on reverse side**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**KERR-McGEE OIL & GAS ONSHORE LP**

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SW/SW SEC. 14, T9S, R20E 536'FSL, 612'FWL**

5. Lease Serial No.  
**UTU-0577-A**

6. If Indian, Allottee or Tribe Name  
**UTE TRIBE**

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

8. Well Name and No.  
**NBU 920-14M**

9. API Well No.  
**4304737753**

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

11. County or Parish, State  
**UINTAH COUNTY, UTAH**

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

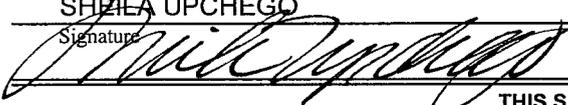
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> 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 <b>PRODUCTION START-UP</b>
	<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 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 recompleat 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 recompleat 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 08/04/2008 AT 2:00 PM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

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

Name (Printed/Typed) <b>SHEILA UPCHEGO</b>	Title <b>REGULATORY ANALYST</b>
Signature 	Date <b>August 6, 2008</b>

**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	

**RECEIVED**

**AUG 11 2008**

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Wins No.: 94876

NBU 920-14M

## Well Operations Summary Long

Operator KERR MCGEE OIL & GAS ONSHORE LP	FIELD NAME NATURAL BUTTES	SPUD DATE 06/19/2008	GL 4,812	KB 4829	ROUTE
API 4304737753	STATE UTAH	COUNTY UINTAH	DIVISION ROCKIES		
Long/Lat.: 40.02954 / -109.64140		Q-Q/Sect/Town/Range: SWSW / 14 / 9S / 20E		Footages: 536.00' FSL 612.00' FWL	

## Wellbore: NBU 920-14M

MTD 10,700	TVD 10,694	PBMD 4,829	PBTVD 4,829
EVENT INFORMATION:		START DATE: 6/5/2008	
OBJECTIVE: DEVELOPMENT		END DATE: 7/15/2008	
OBJECTIVE 2: VERTICAL WELL		DATE WELL STARTED PROD.: f	
REASON:		Event End Status: COMPLETE	

RIG OPERATIONS:	Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
PETE MARTIN DRILLING / UI	06/19/2008	06/19/2008	06/19/2008	06/19/2008	06/19/2008	06/19/2008	06/19/2008

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation	MD
6/19/2008	SUPERVISOR: LEW WELDON							59
	11:00 - 19:00	8.00	DRLCON	02		P	MOVE IN AND RIG UP BUCKET RIG SPUD WELL @ 1100 HR 6/19/08 DRILL AND SET 40' OF SCHEDULE 10 PIPE DRILL RODENT HOLES FOR RIG 54 BLM AND STATE NOTFIED OF SPUD	
6/21/2008	SUPERVISOR: LEW WELDON							1,260
	0:30 - 12:00	11.50	DRLSUR	02		P	MOVE IN AND RIG UP AIR RIG SPUD WELL @ 0030 HR 6/21/08 DA @ AT REPORT TIME 930'	
	12:00 - 0:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD NO WATER 1260'	
6/22/2008	SUPERVISOR: LEW WELDON							2,100
	0:00 - 12:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD NO WATER 1740'	
	12:00 - 0:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD NO WATER 2100'	
6/23/2008	SUPERVISOR: LEW WELDON							2,850
	0:00 - 12:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD NO WATER 2520'	
	12:00 - 20:00	8.00	DRLSUR	02		P	RIG T/D @ 2850' CONDITION HOLE 2 HR	
	20:00 - 23:30	3.50	DRLSUR	05		P	TRIP DP OUT OF HOLE	
	23:30 - 0:00	0.50	DRLSUR	07		Z	POWER HEAD WENT OUT SHUT DOWN AND WAIT FOR MECHANIC	
6/23/2008	SUPERVISOR: KENT MOORE							2,850
	11:00 - 0:00	13.00	RDMO	01	E	P	RDRT	

8/5/2008

8:58:36AM

1

	11:00 - 0:00	13.00	RDMO	01	E	P	RDRT	
6/24/2008	<u>SUPERVISOR:</u> LEW WELDON							<u>MD:</u> 2,850
	0:00 - 15:00	15.00	DRLSUR	07		Z	REPAIR POWER HEAD	
	15:00 - 0:00	9.00	DRLSUR	05		P	MAKE CLEAN OUT RUN LDDS AT REPORT TIME	
6/24/2008	<u>SUPERVISOR:</u> KENT MOORE							<u>MD:</u> 2,850
	0:00 - 6:00	6.00	RDMO	01	E	P	RDRT	
	6:00 - 18:00	12.00	MAINT	07	A	P	SCHEDULE RIG MAINTENANCE - DSI ON LOCATION INSPECT SUB & DERRICK - CURTS TOOL INSPECTION ON LOCATION MPI ALL OVERHEAD EQUIP & HANDLING TOOLS	
	18:00 - 0:00	6.00	MAINT	07	A	P	IDLE	
6/25/2008	<u>SUPERVISOR:</u> LEW WELDON							<u>MD:</u> 2,850
	0:00 - 2:00	2.00	DRLSUR	05		P	FINISH LAYING DOWN DP	
	2:00 - 7:30	5.50	DRLSUR	11		P	RUN 2825' OF 9 5/8 CSG AND 200' OF 1" PIPE RIG DOWN AIR RIG	
	7:30 - 9:00	1.50	DRLSUR	15		P	CEMENT 1ST STAGE WITH 210 SKS LEAD @ 11# 3.82 23 GAL/SK AND 200 SKS TAIL @ 15.8# 1.15 5.0 GAL/SK GOOD RETURNS THRUOUT JOB GEL WATER TO SURFACE NO LEAD CMT TO PIT 500 PSI LIFT	
	9:00 - 9:30	0.50	DRLSUR	15		P	1ST TOP JOB 125 SKS DOWN 1" PIPE GOOD CMT TO SURFACE AND FELL BACK WOC	
	9:30 - 11:00	1.50	DRLSUR	15		P	2ND TOP JOB 100 SKS DOWN BS GOOD CMT TO SURFACE AND STAYED AT SURFACE	
	11:00 - 11:00	0.00	DRLSUR				NO VISIBLE LEAKS PIT 1/2 FULL WORT	
6/25/2008	<u>SUPERVISOR:</u> KENT MOORE							<u>MD:</u> 2,850
	0:00 - 6:00	6.00	MAINT	07	A	P	IDLE	
	6:00 - 20:00	14.00	MAINT	07	A	P	DSI INSPECTION ON DERRICK, DETERMINED 32 DERRICK PIN POCKETS NEED REPOSITIONED TO BRING GAP BETWEEN DERRICK SECTIONS INTO SPEC. - REMOVE & REPOSITION 14 DERRICK PIN POCKETS AS PER DSI	
	20:00 - 0:00	4.00	MAINT	07	A	P	IDLE	
6/26/2008	<u>SUPERVISOR:</u> KENT MOORE							<u>MD:</u> 2,850
	0:00 - 6:00	6.00	MAINT	07	A	P	IDLE	

Wins No.: 94876

NBU 920-14M

API No.: 4304737753

	0:00 - 6:00	6.00	MAINT	07	A	P	IDLE	
	6:00 - 19:00	13.00	MAINT	07	A	P	SCHEDULE RIG MAINTENANCE - REPOSITION REMAINING 18 DERRICK PIN POCKETS - REMOVE 3 3" ANGLE GIRTS	
	19:00 - 0:00	5.00	MAINT	07	A	P	IDLE	
6/27/2008	<u>SUPERVISOR:</u> KENT MOORE							<u>MD:</u> 2,850
	0:00 - 6:00	6.00	MAINT	07	A	P	IDLE	
	6:00 - 18:00	12.00	MAINT	07	A	P	SCHEDULE RIG MAINT - REPLACE DERRICK ANGLE GIRTS - MPI WELDS - REPLACE BEARINGS DRAWWORKS	
	18:00 - 0:00	6.00	MAINT	07	A	P	IDLE	
6/28/2008	<u>SUPERVISOR:</u> KENT MOORE							<u>MD:</u> 2,850
	0:00 - 6:00	6.00	MAINT	07	A	P	SCHEDULE RIG MAINT. DRAWWORKS	
	6:00 - 14:00	8.00	MIRU	01	A	P	MOVE IN RIG - RIG MOVERS DROPPED DRILLERS SIDE LOWER SUB FROM TRUCK - PIONEER DRILLING SUPERINTENDENT INSPECTED SUB - MINIMAL DAMAGE ONLY	
	14:00 - 20:00	6.00	MIRU	01	B	P	SET IN RIG/RURT	
	20:00 - 0:00	4.00	MIRU	01	B	P	IDLE	
6/29/2008	<u>SUPERVISOR:</u> KENT MOORE							<u>MD:</u> 2,850
	0:00 - 6:00	6.00	MIRU	01	B	P	IDLE	
	6:00 - 18:00	12.00	MIRU	01	B	P	RURT	
	18:00 - 0:00	6.00	MAINT	07	A	P	SCHEDULE RIG MAINT - REPLACE BEARINGS DRAWWORKS - IDLE	
6/30/2008	<u>SUPERVISOR:</u> KENT MOORE							<u>MD:</u> 2,850
	0:00 - 6:00	6.00	MAINT	07	A	P	IDLE	
	6:00 - 0:00	18.00	MAINT	07	A	P	SCHEDULE RIG MAINT, REPLACE DRAWWORKS BEARINGS	
7/1/2008	<u>SUPERVISOR:</u> KENT MOORE							<u>MD:</u> 2,850
	0:00 - 22:00	22.00	MAINT	07	A	P	RIG MAINT - REPLACE DRAWWORKS BEARINGS -	
	22:00 - 0:00	2.00	MIRU	01	B	P	RAISE DERRICK - R/UP RIG FLOOR	

		22:00 - 0:00	2.00	MIRU	01	B	P	RAISE DERRICK - R/UP RIG FLOOR	
7/2/2008	SUPERVISOR: KENT MOORE								MD: 3,120
	0:00 - 1:30	1.50	MIRU	01	B	P	R/UP RIG FLOOR		
	1:30 - 7:30	6.00	DRLPRO	13	C	P	TEST BOP RAMS, CHOKE/CHOKE LINE, KELLY, KELLY VALVES & FLOOR VALVES 250 LOW 5000 HIGH, ANNULAR 250 LOW 2500 HIGH, CASING 1500 PSI - INSTALL WEAR BUSHING		
	7:30 - 11:30	4.00	DRLPRO	05	A	P	HPJSM - R/UP & P/UP BHA/DP - R/DN P/UP MACHINE		
	11:30 - 12:30	1.00	DRLPRO	05	A	P	P/UP ROTATING HEAD & KELLY DRIVER, CENTER BOP, CHECK SURFACE EQUIP FOR LEAKS		
	12:30 - 13:30	1.00	DRLPRO	02	F	P	DRILL CMT & FLOAT COLLAR F/2735' TO 2802'		
	13:30 - 19:30	6.00	DRLPRO	07	A	P	REPAIR CHAIN OILER IN COMPOND		
	19:30 - 20:00	0.50	DRLPRO	02	B	P	DRILL CMT, FE & RATHOLE TO 2850' - DRLG F/2850' TO 2897' ( 47' @ 94fph)		
	20:00 - 20:30	0.50	DRLPRO	09	A	P	WLS 3.18		
	20:30 - 0:00	3.50	DRLPRO	02	B	P	DRLG F/2897' TO 3120' (223' @ 63.7fph) MW 8.6		
7/3/2008	SUPERVISOR: KENT MOORE								MD: 4,640
	0:00 - 0:30	0.50	DRLPRO	02	B	P	DRLG F/3120' TO 3151' (31' @ 62fph) MW 8.7		
	0:30 - 1:00	0.50	DRLPRO	09	A	P	WLS - 1.5		
	1:00 - 9:30	8.50	DRLPRO	02	B	P	DRLG F/3151' TO 3720' (569' @ 66.9fph) MW 8.9		
	9:30 - 10:00	0.50	DRLPRO	09	A	P	WLS 2.25		
	10:00 - 11:30	1.50	DRLPRO	02	B	P	DRLG F/3720' TO 3846' ( 126' @ 84fph) MW 9.0		
	11:30 - 12:00	0.50	DRLPRO	06	A	P	RIG SER		
	12:00 - 17:30	5.50	DRLPRO	02	B	P	DRLG F/3846' TO 4258' (412' @ 74.9fph) MW 9.0		
	17:30 - 18:00	0.50	DRLPRO	09	A	P	WLS - 2.99		
	18:00 - 0:00	6.00	DRLPRO	02	B	P	DRLG F/4258' TO 4640' (382' @ 63.6fph) MW 9.0		

	18:00 - 0:00	6.00	DRLPRO	02	B	P	DRLG F/4258' TO 4640' (382' @ 63.6fph) MW 9.0	
7/4/2008	<u>SUPERVISOR:</u> KENT MOORE							<u>MD:</u> 5,605
	0:00 - 1:00	1.00	DRLPRO	02	B	P	DRLG F/4640' TO 4733' (93')	
	1:00 - 1:30	0.50	DRLPRO	09	A	P	WLS - MISS RUN	
	1:30 - 7:00	5.50	DRLPRO	02	B	P	DRLG F/4733' TO 4922' (189' @ 34.3fph) MW 9.2	
	7:00 - 7:30	0.50	DRLPRO	09	A	P	WLS - SLICK LINE BROKE - SURVEY TOOL IN DP	
	7:30 - 8:00	0.50	DRLPRO	04	A	P	CIRC - BUILD SLUG	
	8:00 - 12:30	4.50	DRLPRO	05	A	S	TRIP F/SURVEY TOOL - RETRIEVE SURVEY TOOL - C/OUT BIT - WASH 42' TO BTM - NO FILL	
	12:30 - 22:30	10.00	DRLPRO	02	B	P	DRLG F/4922' TO 5555' (633' @ 63.3fph) MW 9.2 (WASATCH 5212')	
	22:30 - 23:30	1.00	DRLPRO	09	A	P	WLS - 2.0	
	23:30 - 0:00	0.50	DRLPRO	02	B	P	DRLG F/5555' TO 5605' (50') MW 9.2	
7/5/2008	<u>SUPERVISOR:</u> KENT MOORE							<u>MD:</u> 6,776
	0:00 - 7:30	7.50	DRLPRO	02	B	P	DRLG F/5605' TO 6061' (456' @ 60.8fph) MW 9.3	
	7:30 - 8:00	0.50	DRLPRO	09	A	P	WLS - 1.0	
	8:00 - 14:00	6.00	DRLPRO	02	B	P	DRLG F/6061' TO 6377' (316' @ 52.7fph) MW 9.4 - (MINIMAL MUD LOSSES @ 6378', PUMP LCM PILLS)	
	14:00 - 14:30	0.50	DRLPRO	06	A	P	RIG SER	
	14:30 - 0:00	9.50	DRLPRO	02	B	P	DRLG F/6377' TO 6776' (399' @ 42fph) MW 9.4 (BYPASSED SHAKERS @ 6471' RAISE LCM TO 2% LOST 230 BBLS)	
7/6/2008	<u>SUPERVISOR:</u> KENT MOORE							<u>MD:</u> 7,653
	0:00 - 14:00	14.00	DRLPRO	02	B	P	DRLG F/6776' TO 7388' (612' @ 43.7fph) MW 9.8, LCM 2%	
	14:00 - 14:30	0.50	DRLPRO	06	A	P	RIG SER	
	14:30 - 0:00	9.50	DRLPRO	02	B	P	DRLG F/7388' TO 7653' (265' @ 27.9fph) MW 9.8, LCM 2%	

	14:30 - 0:00	9.50	DRLPRO	02	B	P	DRLG F/7388' TO 7653' ( 265' @ 27.9fph) MW 9.8, LCM 2%	
7/7/2008	<u>SUPERVISOR:</u> KENT MOORE							<u>MD:</u> 8,059
	0:00 - 12:30	12.50	DRLPRO	02	B	P	DRLG F/7653' TO 7933' ( 280' @ 22.4fph) MW 10.0, LCM 2%	
	12:30 - 19:30	7.00	DRLPRO	05	A	P	TFNB/MM - TIGHT ON POOH & RIH @ 6370', 4750' - 80K O/PULL	
	19:30 - 0:00	4.50	DRLPRO	02	B	P	DRLG F/7933' TO 8059' (126' @ 28fph) MW 10.2, LCM 2%	
7/8/2008	<u>SUPERVISOR:</u> STUART NEILSON							<u>MD:</u> 8,683
	0:00 - 12:30	12.50	DRLPRO	02	B	P	DRLG F/ 8059 TO 8439 380' @ 30.4' PH W/ 10.7 PPG - 43 VIS - 5% LCM	
	12:30 - 13:00	0.50	DRLPRO	06	A	P	SERVICE RIG	
	13:00 - 0:00	11.00	DRLPRO	02	B	P	DRLG F/ 8439 TO 8683 244' @ 22.2' PH W/ 11.0 PPG - 43 VIS - 5% LCM	
7/9/2008	<u>SUPERVISOR:</u> STUART NEILSON							<u>MD:</u> 9,162
	0:00 - 15:00	15.00	DRLPRO	02	B	P	DRLG F/ 8683 TO 8977 294' @ 19.6' PH W/ 11.0 PPG - 45 VIS - 7% LCM	
	15:00 - 15:30	0.50	DRLPRO	06	A	P	SERVICE RIG	
	15:30 - 0:00	8.50	DRLPRO	02	B	P	DRLG F/ 8977 TO 9162 185' @ 21.7' PH W/ 11.3 PPG - 46 VIS - 5% LCM	
7/10/2008	<u>SUPERVISOR:</u> STUART NEILSON							<u>MD:</u> 9,546
	0:00 - 12:00	12.00	DRLPRO	02	B	P	DRLG F/ 9162 TO 9451 289' @ 24.1' PH W/ 11.5 PPG - 45 VIS - 7% LCM	
	12:00 - 12:30	0.50	DRLPRO	06	A	P	SERVICE RIG	
	12:30 - 18:00	5.50	DRLPRO	02	B	P	DRLG F/ 9451 TO 9546 95' @ 17.3' PH W/ 11.5 PPG - 45 VIS - 7% LCM	
	18:00 - 0:00	6.00	DRLPRO	05	A	P	TFNB	
7/11/2008	<u>SUPERVISOR:</u> STUART NEILSON							<u>MD:</u> 10,098
	0:00 - 4:30	4.50	DRLPRO	05	A	P	TFNB, WASH 40' TO BOTTOM	
	4:30 - 12:00	7.50	DRLPRO	02	B	P	DRLG F/ 9546 TO 9799 253' @ 33.7' PH W/ 11.7 PPG - 45 VIS - 5% LCM	
	12:00 - 12:30	0.50	DRLPRO	06	A	P	SERVICE RIG	

	12:00 - 12:30	0.50	DRLPRO	06	A	P	SERVICE RIG	
	12:30 - 0:00	11.50	DRLPRO	02	B	P	DRLG F/ 9799 TO 10098 299' @ 26' PH W/ 11.7 PPG - 45 VIS - 5% LCM	
7/12/2008	<u>SUPERVISOR:</u> STUART NEILSON							<u>MD:</u> 10,274
	0:00 - 11:30	11.50	DRLPRO	02	B	P	DRLG F/ 10098 TO 10274 176' @ 15.3 'PH W/ 12.0 PPG - 45 VIS - 6% LCM	
	11:30 - 19:00	7.50	DRLPRO	05	A	P	TRNB & MM	
	19:00 - 20:00	1.00	DRLPRO	06	D	P	CUT DRLG LINE	
	20:00 - 0:00	4.00	DRLPRO	05	A	P	TIH, WASH 42' TO BOTTOM	
7/13/2008	<u>SUPERVISOR:</u> STUART NEILSON							<u>MD:</u> 10,700
	0:00 - 14:30	14.50	DRLPRO	02	B	P	DRLG F/ 10274 TO 10700 TD, W/ 12.1 PPG - 45 VIS - 5% LCM	
	14:30 - 15:30	1.00	DRLPRO	04	C	P	CCH F/ SHORT TRIP	
	15:30 - 17:00	1.50	DRLPRO	05	E	P	SHORT TRIP 20 STDS	
	17:00 - 18:00	1.00	DRLPRO	04	C	P	CCH F/ LDDS	
	18:00 - 0:00	6.00	DRLPRO	05	B	P	LDDS	
7/14/2008	<u>SUPERVISOR:</u> STUART NEILSON							<u>MD:</u> 10,700
	0:00 - 6:00	6.00	DRLPRO	05	B	P	LDDS, BREAK KELLY, LDDC, PULL WEAR BUSHING	
	6:00 - 12:00	6.00	DRLPRO	10	C	P	HPJSM W/ RIG & LOGGING CREWS, R/U & LOG TO 10710'	
	12:00 - 21:00	9.00	DRLPRO	11	B	P	HPJSM W/ RIG & CASING CREWS, RUN 10697' 4 1/2" PROD CASING, R/D CASING CREW	
	21:00 - 23:00	2.00	DRLPRO	04	E	P	CCH F/ CEMENT	
	23:00 - 0:00	1.00	DRLPRO	15	A	P	HPJSM W/ RIG & CEMENT CREWS, R/U & CEMENT PROD CASING	
7/15/2008	<u>SUPERVISOR:</u> STUART NEILSON							<u>MD:</u> 10,700

Wins No.: 94876

NBU 920-14M

API No.: 4304737753

0:00 - 1:30	1.50	DRLPRO	15	A	P	TEST LINES TO 4600 PSI, PUMP 20 BBLS MUD CLEAN, SCAV 20 SKS 9.5 PPG - 8.45 YLD, LEAD 430 SKS 11.5 PPG 2.82 YLD, TAIL 1000 SKS 14.3 PPG 1.31 YLD, DROP PLUG & DISPLACE W/ 165.8 BBLS CLAYTREAT WATER, BUMPED PLUG W 3400 PSI ( 500 OVER FINAL CIR PSI ) GOOD RETURN TILL END OF JOB RETURNS SLOWED, NO CEMENT TO SURFACE W/ 2900 PSI LIFT
1:30 - 2:00	0.50	DRLPRO	11	A	P	HANG OFF PROD CASING - TEST HANGER TO 5000 PSI ( OK )
2:00 - 4:00	2.00	DRLPRO	13	A	P	N/D & CLEAN PITS RELEASE RIG @ 04:00 7/15/08 - RESERVE PIT 3/4 - LINER OK

EVENT INFORMATION:    EVENT ACTIVITY: COMPLETION    START DATE: 7/19/2008  
 OBJECTIVE: CONSTRUCTION    END DATE: 7/21/2008  
 OBJECTIVE 2: ORIGINAL    DATE WELL STARTED PROD.:  
 REASON: SURF FACILITIES    Event End Status: COMPLETE

RIG OPERATIONS:    Begin Mobilization    Rig On Location    Rig Charges    Rig Operation Start    Finish Drilling    Rig Release    Rig Off Location

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
7/19/2008	SUPERVISOR: HAL BLANCHARD						MD:

Wins No.: 94876 NBU 920-14M API No.: 4304737753

EVENT INFORMATION: EVENT ACTIVITY: COMPLETION START DATE: 7/28/2008  
 OBJECTIVE: DEVELOPMENT END DATE:  
 OBJECTIVE 2: ORIGINAL DATE WELL STARTED PROD.:  
 REASON: MV Event End Status:

RIG OPERATIONS: Begin Mobilization Rig On Location Rig Charges Rig Operation Start Finish Drilling Rig Release Rig Off Location

MILES 2 / 2

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
7/28/2008	SUPERVISOR: HAL BLANCHARD						MD: 7:00 AM. HSM. MIRU. ND WELL HEAD, NU BOPS, PREP & TALLY 2-3/8 L-80 8RD TBG. PU 270 JTS & TIH. TOOH, STAND BACK 113 STANDS. SWI-SDFN
7/29/2008	SUPERVISOR: WILL GLEAVE						MD: 7:00 - 15:00 8.00 COMP 34 H P 7:00 A.M. HSM CONT TO POOH STD BK 44 JTS TBG. L/D BIT & BIT SUB. ND BOPE. NU FRAC VLV'S. MIRU B&C QUICK TST, FILL CSG & PSI TST CSG & FRAC VLV'S TO 7500# (HELD). MIRU CUTTERS. P/U 3 1/8" EXP PERF GUNS LOADED W/ 23 GM CHARGES, 4 SPF, 90 DEG PHASING & RIH. SHOOT STG 1 PERF'S W/ 16 HOLES F/ 10530' - 34', P/U SHOOT 12 HOLES F/ 10458' - 62'. POOH RDMO CUTTERS. PREP TO FRAC IN A.M.
7/30/2008	SUPERVISOR: GARTH McCONKIE						MD: 7:00 - 7:30 0.50 COMP 48 P DAY 3 - JSA & SM #3 7:30 - 10:00 2.50 COMP 36 E P MIRU CUTTERS WIRELINE & WEATHERFORD PUMPING SERVICES.

10:00 - 10:00 0.00 COMP 36 E P

ONSICP = 1775 PSI. P.T. SURFACE EQUIP. TO 8500 PSI.  
 STG #1) WHP = 1775 PSI, BRK DWN PERFS 3.2 BPM @ 3667  
 PSI. ISIP = 3118 PSI. FG = 0.73. PMP 180 BPM @ 50 BPM @  
 5332 PSI. 28/40 PERFS OPEN, 70%.  
 1305 BBLs SLURRY & 44,079 LBS SND PMPD, RING GASKET  
 BETWEEN TOP F.V. & F.H. GIVE UP, SD PMPs & CLOSE IN  
 WELL HEAD. (2800 PSI ON WELL). REPLACE TOP F.V. & F.H.  
 FLANGE.  
 FLOW WELL BACK TO CLEAN UP SND. PMP 3 BBL ACID &  
 FLUSH WELL TO TOP PERF WITH SLK WTR @ 10 BPM.  
 MP = 5631 PSI, MR = 50.7 BPM, AP = 5335 PSI, AR = 50.5 BPM,  
 ISIP = 3196 PSI, FG = 0.74. NPI = 78 PSI. PMPD 1270 BBLs SLK  
 WTR, 40,261 LBS OTTOWA SND, 3,818 LBS TLC, 44,079 LBS  
 SAND TOTAL. (30,834 LBS OTTOWA & 0 LBS TLC IN PERFS)

STG #2) RIH W/ 3 3/8" EXP GNS, 23 GRM, 0.36 HOLES, 90 & 120  
 DEG PHSG. SET BAKER 8K CBP @ 10294'. PERF M.V. @ 10262'  
 - 64', 3 SPF, 10164' - 68', 3 SPF, 10088' - 92', 4 SPF, 10051' - 53',  
 3 SPF, 40 HOLES.

STG #2) WHP = 1507 PSI, BRK DWN PERFS 3.1 BPM @ 3720  
 PSI. ISIP = 3021 PSI. FG = 0.73. PMP 250 BPM @ 50.5 BPM @  
 5660 PSI. 26/40 PERFS OPEN. 1858 BBLs & 43624 LBS SND  
 PMPD. SCREEN OUT PERFS.  
 FLOW WELL & CLEAN UP SND. FLUSH WELL W/156 BBLs SLK  
 WTR TO TOP PERF.  
 MP = 7500 PSI, MR = 50.9 BPM, AP = 5516 PSI, AR = 50.7 BPM,  
 ISIP = 3799 PSI, FG = 0.81. NPI = 778 PSI. PMPD 1812 BBLs SLK  
 WTR, 43,624 LBS OTTOWA SND, 0 LBS TLC, 43,624 LBS SAND  
 TOTAL. (NO TLC PMPD BEFORE SCREEN OUT).

STG #3) RIH W/ 3 3/8" EXP GNS, 23 GRM, 0.36 HOLES, 90 & 120  
 DEG PHSG. SET BAKER 8K CBP @ 9994'. PERF M.V. @ 9962' -  
 64', 3 SPF, 9928' - 32', 3 SPF, 9884' - 92', 3 SPF, 40 HOLES.

STG #3) WHP = 0 PSI, BRK DWN PERFS 2.6 BPM @ 4131 PSI.  
 ISIP = 3135 PSI. FG = 0.75. PMP 240 BPM @ 50 BPM @ 5435  
 PSI. 27/42 PERFS OPEN, 64%. PMPD 2038 BBLs SLK WTR &  
 56700 LBS SND PMPD, PRES INCR. PMP 212 BBL SWEEP.  
 BRING SND BK @ 1.5 PPG. @ 71073 LBS OTTOWA START TLC &  
 PMP 6320 LBS. (TOTAL SND PMPD 77,373 LBS). SCREENED  
 OUT, 58 BBLs FLUSH PMPD. (65,576 LBS SND IN PERFS).  
 FLOW WELL & CLEAN UP SND. FLUSH WELL W/153.6 BBLs SLK  
 WTR. TO TOP PERF.  
 MP = 7814 PSI, MR = 54.1 BPM, AP = 5401 PSI, AR = 50.9 BPM,  
 ISIP = 3393 PSI, FG = 0.78. NPI = 258 PSI. PMPD 2564 BBLs SLK  
 WTR, 71,073 LBS OTTOWA SND, 6,320 LBS TLC, 77,373 LBS  
 SAND TOTAL. (NO TLC IN PERFS)

21:00 SWI - SDFN. PREP WELL TO CONT. FRAC IN AM.

8/1/2008

SUPERVISOR: WILL GLEAVE

I

MD:



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000

5. Lease Serial No.  
UTU-0577-A

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

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

2. Name of Operator  
KERR-MCGEE OIL & GAS ONSHORE LP

8. Lease Name and Well No.  
NBU 920-14M

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

9. API Well No.  
4304737753

4. Location of Well (Report locations clearly and in accordance with Federal requirements)\*  
At surface SW/SW 536'FSL, 612'FWL

10. Field and Pool, or Exploratory  
NATURAL BUTTES

At top prod. interval reported below

11. Sec., T., R., M., or Block and Survey or Area SEC. 14, T9S, R20E

14. Date Spudded 06/19/08  
15. Date T.D. Reached 07/13/08  
16. Date Completed  D & A  Ready to Prod. 08/04/08

12. County or Parish UINTAH  
13. State UTAH

17. Elevations (DF, RKB, RT, GL)\*  
4814'GL

18. Total Depth: MD 10.700' TVD  
19. Plug Back T.D.: MD 10.633' TVD  
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
22. Was well cored?  No  Yes (Submit copy)  
Was DST run?  No  Yes (Submit copy)  
Directional Survey?  No  Yes (Submit copy)

CBL-CCL-GR

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 SX			
12 1/4"	9 5/8"	36#		2850'		635 SX			
7 7/8"	4 1/2"	11.6#		10,700'		1430 SX			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
2 3/8"	10,030'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	8670'	10,564'	8670'-10,564'	0.36	286	OPEN
B) WSMVD						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and type of Material
8670'-10,564'	PMP 12,306 BBLs SLICK H2O & 406,778# 30/50 OTTOWA SD

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

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
08/04/08	08/07/08	24	→	0	2,735	528			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. 1070#	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
16/64	SI	2605#	→	0	2735	528			PRODUCING GAS WELL

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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
	SI		→						

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(See instructions and spaces for additional data on reverse side)

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	1733'				
MAHOGANY	2498'				
WASATCH	5166'	8012'			
MESAVERDE	8429'	10,692'			

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 | 5. Core Analysis   | 7. Other:     |                       |

36. 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) SHEILA UPCHEGO Title REGULATORY ANALYST  
 Signature  Date 08/26/08

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.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-0577-A
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE  <b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> NBU 920-14M
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>9. API NUMBER:</b> 43047377530000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6007 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0536 FSL 0612 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 14 Township: 09.0S Range: 20.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 1/15/2010	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> 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"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> 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 type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input checked="" type="checkbox"/> TEMPORARILY 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: _____

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

THE OPERATOR REQUESTS AUTHORIZATION TO TEMPORARILY ABANDON THE SUBJECT WELL LOCATION. THE OPERATOR PROPOSES TO TEMPORARILY ABANDON THE WELL TO DRILL THE NBU 920-14M PAD WELLS, WHICH CONSIST OF NBU 920-14M3AS, NBU 920-14M1CS, NBU 920-14M1BS. PLEASE REFER TO THE ATTACHED TEMPORARILY ABANDON PROCEDURE.

**Accepted by the Utah Division of Oil, Gas and Mining**

Date: January 14, 2010

By: *Derek Duff*

<b>NAME (PLEASE PRINT)</b> Andy Lytle	<b>PHONE NUMBER</b> 720 929-6100	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 1/13/2010

NBU 920-14M  
 536' FSL & 612' FWL  
 SWSW SEC.14, T9S, R20E  
 Uintah County, UT

KBE: 4829'  
 GLE: 4812'  
 TD: 10700'  
 PBDT: 10,633'

API NUMBER: 43-047-37753  
 LEASE NUMBER: UTU-0577-A  
 WINS #: 94876  
 WI: 100.0000%  
 NRI: 83.20300%

**CASING:** 20" hole  
 14" STL 36.7# csg @ 40' GL  
 Cemented to surface w/ 28 sx

12 1/4" hole  
 9 5/8" 36# J-55 @ 2850' (KB)  
 Cement w/ 635 sx, TOC at surface by circulation

7.875" hole  
 4 1/2" 11.6# I-80 @ 10,700'  
 Cement w/ 1430 sks, TOC @ surface per CBL

**TUBING:** 2 3/8" 4.7# J-55 tubing landed at

Tubular/Borehole	Drift inches	Collapse psi	Burst psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1624	0.02173	0.00387
4.5" 11.6# I-80	3.875	6350	7780	0.6528	0.0872	0.01554
9.625" 36# J-55	8.765	2020	3520	3.247	0.434	0.0773
14" 36.7# Stl						
Annular Capacities						
2.375" tbg. X 4 1/2" 11.6# csg				0.4227	0.0565	0.01006
4.5" csg X 9 5/8" 36# csg				2.2159	0.3236	0.0576
4.5" csg X 7.875 borehole				1.7052	0.2278	0.0406
9.625" csg X 12 1/4" borehole				2.3436	0.3132	0.0558
9 .625" csg X 14" csg				3.4852	0.4659	0.083
14" csg X 20" borehole						

**GEOLOGIC INFORMATION:**

Formation	Depth to top, ft.
Uinta	Surface
Green River	1733'
Mahogany	2498'
Wasatch	5166'
Mesa Verde	8429'

**Tech. Pub. #92 Base of USDW's**

USDW Elevation 4000' MSL  
 USDW Depth 829' KBE

**PERFORATIONS:**

Formation	Date	Top	Btm	Spf	Status
Mesaverde	7/30/2008	8,670	8,676	4	Open
Mesaverde	7/30/2008	8,718	8,722	4	Open
Mesaverde	7/30/2008	8,962	8,966	4	Open
Mesaverde	7/30/2008	9,070	9,076	4	Open
Mesaverde	7/30/2008	9,178	9,182	3	Open
Mesaverde	7/30/2008	9,202	9,208	3	Open
Mesaverde	7/30/2008	9,236	9,240	3	Open
Mesaverde	7/30/2008	9,672	9,680	3	Open
Mesaverde	7/30/2008	9,710	9,714	3	Open
Mesaverde	7/30/2008	9,780	9,782	3	Open
Mesaverde	7/30/2008	9,884	9,892	3	Open
Mesaverde	7/30/2008	9,928	9,932	3	Open
Mesaverde	7/30/2008	9,962	9,964	3	Open
Mesaverde	7/30/2008	10,051	10,053	3	Open
Mesaverde	7/30/2008	10,088	10,092	4	Open
Mesaverde	7/30/2008	10,164	10,168	3	Open
Mesaverde	7/30/2008	10,262	10,264	3	Open
Mesaverde	7/30/2008	10,458	10,462	3	Open
Mesaverde	7/30/2008	10,530	10,534	4	Open
Mesaverde	7/30/2008	10,560	10,564	3	Open

**WELL HISTORY:**

- Spud Well 6/19/08, TD'd 7/13/08
- 7/30/08 - Completed MV/Was intervals f/ 8670' - 10564'. Frac gross interval in 7 stages using 406,778# 30/50 sand & 12306 bbls slickwater fluid.

**REMARKS:****Recommended future action for disposition of well bore:**

Temporarily abandon the wellbore during the drilling and completion operations of the NBU 920-14M pad wells (920-14M1BS, 920-14M1CS, & 920-14M3AS). Return to production as soon as possible once completions are done.

## **NBU 920-14M TEMPORARY ABANDONMENT PROCEDURE**

### **GENERAL**

- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLs FLUID.
- NOTIFY BLM 24 HOURS BEFORE MOVING ON LOCATION.

### **PROCEDURE**

**Note: An estimated 19 sx Class "G" cement needed for procedure**

**Note: No Gyro has been run at this time**

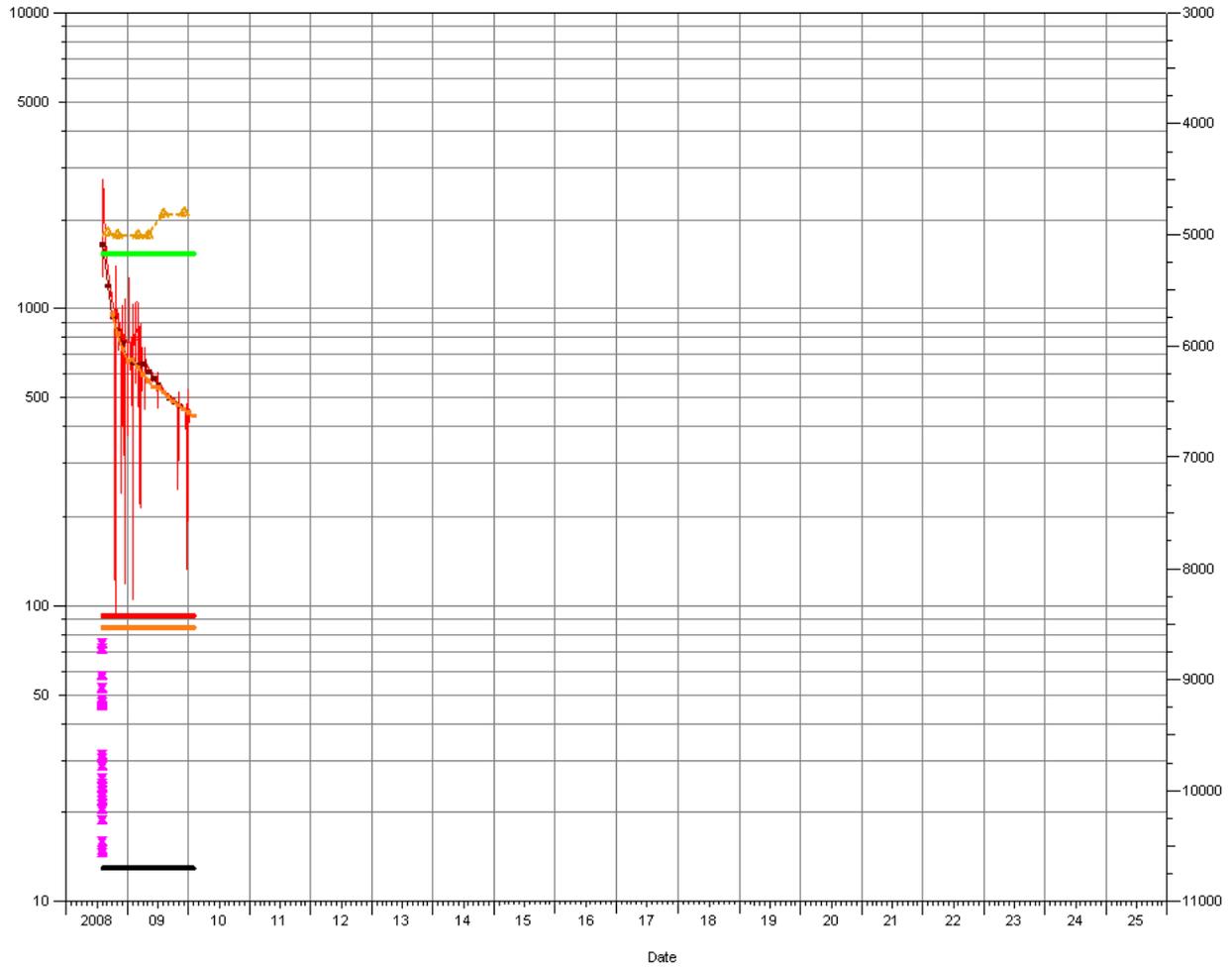
1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. PULL TBG & LD SAME. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL.
3. RUN GYRO SURVEY IF NOT COMPLETE AT TIME OF MIRU.
4. **PLUG #1, ISOLATE MESAVERDE PERFORATIONS (8670' - 10564')**: RIH W/ 4 ½" CBP. SET @ ~8620'. RELEASE CBP, PUH 10', BRK CIRC W/ FRESH WATER. PRESSURE TEST CASING TO 500 PSI. INFORM ENGINEERING IF IT DOESN'T TEST. DISPLACE A MINIMUM OF 4.36 CUFT CMT (4 SX) ON TOP OF PLUG. PUH ABOVE TOC (~8570'). REVERSE CIRCULATE W/ TREATED FRESH WATER.
5. **PLUG #2, PROTECT WASATCH TOP (5166')**: PUH TO ~5266'. BRK CIRC W/ FRESH WATER. DISPLACE 17.44 CUFT. (15 SX) AND BALANCE PLUG W/ TOC @ ~5066' (200' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER.
6. LOWER WELLHEAD TO GROUND LEVEL TO ACCOMMODATE DRILLING OPS AND INSTALL MARKER PER BLM GUIDELINES.
7. RDMO. TURN OVER TO DRILLING OPERATIONS.

ALM 1/4/10

NBU\_WEST  
KERR-MCGEE OIL & GAS QNSHO  
TM/MM  
Cmpl Type:

**NBU 920-14M**  
43047377530000  
09S 20E 14 SWSW

Gas Cum Monthly : 359 MMcf  
Gas Cum Dly : 374668 Mcf



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-0577-A
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE  <b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> NBU 920-14M
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>9. API NUMBER:</b> 43047377530000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6007 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0536 FSL 0612 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 14 Township: 09.0S Range: 20.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 2/19/2010	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> 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"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> 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: _____

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

THE OPERATOR REQUESTS AUTHORIZATION TO RECOMPLETE THE SUBJECT WELL LOCATION. THE OPERATOR PROPOSES TO RECOMPLETE THE WASATCH AND MESAVERDE FORMATIONS. THE OPERATOR REQUESTS AUTHORIZATION TO COMMINGLE THE NEWLY WASATCH AND MESAVERDE FORMATIONS, ALONG WITH THE EXISTING MESAVERDE FORMATIONS. PLEASE REFER TO THE ATTACHED RECOMPLETION PROCEDURE.

**Accepted by the Utah Division of Oil, Gas and Mining**

Date: February 17, 2010

By: *Derek Duff*

<b>NAME (PLEASE PRINT)</b> Andy Lytle	<b>PHONE NUMBER</b> 720 929-6100	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 2/17/2010



**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 43047377530000**

**Authorization: Board Cause No. 173-14.**

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

**Date:** February 17, 2010  
**By:** Dark Ousef

# Greater Natural Buttes Unit



**NBU 920-14M**  
**RE-COMPLETIONS PROCEDURE**

**DATE:2/11/10**  
**AFE#:**

**COMPLETIONS ENGINEER:** Conner Staley, Denver, CO  
(720)-929-6419 (Office)

**SIGNATURE:**

**ENGINEERING MANAGER:** REBECCA JOHNSON

**SIGNATURE:**

**REMEMBER SAFETY FIRST!**

**Name:** NBU 920-14M  
**Location:** SWSW 14 T9S R20E  
**Uintah County, UT**  
**Date:** 2/11/10

**ELEVATIONS:** 4812 GL 4829 KB

**TOTAL DEPTH:** 10672 **PBTD:** 10633  
**SURFACE CASING:** 9 5/8", 36# J-55 ST&C @ 2845'  
**PRODUCTION CASING:** 4 1/2", 11.6#, I-80 LT&C @ 10672'  
 Marker Joint **5158 - 5184'**

**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:**

1733' Green River  
 1981' Birds Nest  
 2498' Mahogany  
 5144' Wasatch  
 8441' Mesaverde

CBL indicates good cement below 1750'

**GENERAL:**

- A minimum of **12** 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 Bakers Induction-Density-Neutron log dated 7/14/08
- **5** fracturing stages required for coverage.
- Procedure calls for **6** 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.
- Put scale inhibitor 3 gals/1000 gals (in pad and 1/2 the ramp) and 10 gals/1000 gals 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 **7000** 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)**
- Service companies need to provide surface/production annulus pop-offs to be set for 1500 psi for each frac.
- Pump 20/40mesh **resin coated sand** last 5,000# of all frac stages
- Tubing Currently Landed @~10076
- Originally completed on 1/28/09

**Existing Perforations:**

**PERFORATIONS**

<u>Formation</u>	<u>Zone</u>	<u>Top</u>	<u>Btm</u>	<u>spf</u>	<u>Shots</u>	<u>Date</u>	<u>Reason</u>
MESA VERDE		8510	8512	4	8	01/29/2009	PRODUCTION
MESA VERDE		8530	8532	4	8	01/29/2009	PRODUCTION
MESA VERDE		8648	8652	4	16	01/29/2009	PRODUCTION
MESA VERDE		8730	8732	4	8	01/29/2009	PRODUCTION
MESA VERDE		8848	8852	4	16	01/29/2009	PRODUCTION
MESA VERDE		8882	8886	4	16	01/29/2009	PRODUCTION
MESA VERDE		8986	8990	3	12	01/29/2009	PRODUCTION
MESA VERDE		9086	9090	4	16	01/29/2009	PRODUCTION
MESA VERDE		9136	9138	4	8	01/29/2009	PRODUCTION
MESA VERDE		9226	9230	4	16	01/29/2009	PRODUCTION
MESA VERDE		9332	9336	3	12	01/29/2009	PRODUCTION
MESA VERDE		9376	9380	3	12	01/29/2009	PRODUCTION
MESA VERDE		9456	9460	4	16	01/29/2009	PRODUCTION
MESA VERDE		9538	9542	4	16	01/29/2009	PRODUCTION
MESA VERDE		9581	9582	4	4	01/29/2009	PRODUCTION
MESA VERDE		9640	9642	4	8	01/29/2009	PRODUCTION
MESA VERDE		9682	9686	4	16	01/29/2009	PRODUCTION
MESA VERDE		9782	9784	4	8	01/29/2009	PRODUCTION
MESA VERDE		9814	9818	4	16	01/29/2009	PRODUCTION
MESA VERDE		9828	9830	4	8	01/29/2009	PRODUCTION
MESA VERDE		9850	9852	4	8	01/29/2009	PRODUCTION
MESA VERDE		9934	9936	4	8	01/29/2009	PRODUCTION
MESA VERDE		9981	9983	4	8	01/29/2009	PRODUCTION
MESA VERDE		10024	10028	4	16	01/29/2009	PRODUCTION
MESA VERDE		10068	10070	4	8	01/29/2009	PRODUCTION
MESA VERDE		10130	10132	4	8	01/29/2009	PRODUCTION
MESA VERDE		10149	10150	4	4	01/29/2009	PRODUCTION
MESA VERDE		10186	10188	4	8	01/29/2009	PRODUCTION
MESA VERDE		10248	10250	4	8	01/29/2009	PRODUCTION
MESA VERDE		10322	10324	4	8	01/29/2009	PRODUCTION
MESA VERDE		10364	10366	4	8	01/29/2009	PRODUCTION
MESA VERDE		10504	10506	4	8	01/28/2009	PRODUCTION
MESA VERDE		10576	10578	4	8	01/28/2009	PRODUCTION
MESA VERDE		10589	10591	4	8	01/28/2009	PRODUCTION
MESA VERDE		10608	10612	4	16	01/28/2008	PRODUCTION

**PROCEDURE:**

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 ~10076'). Visually inspect for scale and consider replacing if needed.
3. If tbg looks ok consider running a gauge ring to 8604' (50' below proposed CBP). Otherwise P/U a mill and C/O to 8604' (50' below proposed CBP).
4. Set 8000 psi CBP at ~ 8554'. Pressure test BOP and casing to 6000 psi. .

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

Zone	From	To	spf	# of shots
MESAVERDE	8460	8466	3	18
MESAVERDE	8500	8502	3	6
MESAVERDE	8518	8524	3	18

6. Breakdown perfs and establish injection rate (include scale inhibitor in fluid). Spot 250 gal of 15% HCl and let soak. Fracture as outlined in Stage 1 on attached listing. Under-displace to ~8460' and trickle 250gal 15%HCL w/ scale inhibitor in flush .

7. Set 8000 psi CBP at ~8216'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
WASATCH	8006	8010	3	12
WASATCH	8047	8050	3	9
WASATCH	8142	8146	3	12
WASATCH	8184	8186	3	6

8. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~8006' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

9. Set 8000 psi CBP at ~7690'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	7456	7458	3	6
WASATCH	7476	7480	4	16
WASATCH	7534	7538	3	12
WASATCH	7658	7660	4	8

10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~7456' trickle 250gal 15%HCL w/ scale inhibitor in flush.

11. Set 8000 psi CBP at ~6836'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	6796	6806	4	40

12. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 4 on attached listing. Under-displace to ~6796' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

13. Set 8000 psi CBP at ~6386'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	6160	6164	3	12
WASATCH	6188	6192	3	12
WASATCH	6350	6356	3	18

14. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 5 on attached listing. Under-displace to ~6160' and flush only with recycled water.

15. Set 8000 psi CBP at~6110'.

16. TIH with 3 7/8" mill, pump off sub, SN and tubing.

17. Mill ALL plugs and clean out to PBTD at 10633'. Land tubing at  $\pm 10021'$  pump off bit and bit sub. This well WILL be commingled at this time.

18. Clean out well with foam and/or swabbing unit until steady flow has been established from recomplete.

19. RDMO

**For design questions, please call  
Conner Staley, Denver, CO  
(720)-929-6419 (Office)**

**For field implementation questions, please call  
Jeff Samuels Vernal, UT  
435-781-9770 (Office)**

NOTES:

Name NBU 920-14M  
**Perforation and CBP Summary**

Stage	Zones	Perforations		SPF	Holes	Fracture Coverage		
		Top, ft	Bottom, ft					
1	MESAVERDE	8460	8466	3	18	8429.5	to	8533.75
	MESAVERDE	8500	8502	3	6			
	MESAVERDE	8518	8524	3	18			
	# of Perfs/stage				42	CBP DEPTH	8,216	
2	WASATCH	8006	8010	3	12	7993.5	to	8014.25
	WASATCH	8047	8050	3	9	8038.75	to	8050.5
	WASATCH	8142	8146	3	12	8137.25	to	8148
	WASATCH	8184	8186	3	6	8149	to	8155.25
	WASATCH					8164.75	to	8170.75
	WASATCH					8180.75	to	8188.25
	WASATCH					8197	to	8204.75
# of Perfs/stage				39	CBP DEPTH	7,690		
3	WASATCH	7456	7458	3	6	7452.5	to	7467.25
	WASATCH	7476	7480	4	16	7468.25	to	7495.25
	WASATCH	7534	7538	3	12	7530.75	to	7542.25
	WASATCH	7658	7660	4	8	7646	to	7665.75
	# of Perfs/stage				42	CBP DEPTH	6,836	
4	WASATCH	6796	6806	4	40	6790.25	to	6820.75
	WASATCH							
	# of Perfs/stage				40	CBP DEPTH	6,386	
5	WASATCH	6160	6164	3	12	6150.25	to	6200.25
	WASATCH	6188	6192	3	12	6337.5	to	6374.25
	WASATCH	6350	6356	3	18			
	# of Perfs/stage				42	CBP DEPTH	6,110	
Totals				205				

Fracturing Schedules

Name NBU 920-14M  
Slickwater Frac

Recomplete?	Y
Pad?	N

Swabbing Days	0	Enter Number of swabbing days here for recompletes
Production Log	0	Enter 1 if running a Production Log
DFIT	0	Enter Number of DFITs

Stage	Zone	Mid-Ft of Pay	Perfs		SPF	Holes	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	2.42	8460	8460	3	18	Varied	Pump-in test			Slickwater		0	0	0							53
	MESAVERDE	0.00	8500	8502	3	6	0	ISIP and 5 min ISIP			Slickwater					15.0%	0.0%	0	0			41
	MESAVERDE	0.00	8516	8524	3	18	50	Slickwater Pad			Slickwater	13,794	13,794	328	328	18.8%	0.0%	0	0			39
	MESAVERDE	0.00					50	Slickwater Ramp	0.25	1.25	Slickwater	26,055	39,849	620	949	28.3%	18.8%	19,542	19,542			0
	MESAVERDE	0.00					50	SW Sweep	0	0	Slickwater	0	39,849	0	949	0.0%	0.0%	0	19,542			0
	MESAVERDE	0.00					50	Slickwater Ramp	1.25	1.5	Slickwater	26,055	65,905	620	1,569	28.3%	34.5%	35,826	55,368			39
	MESAVERDE	0.00					50	SW Sweep	0	0	Slickwater	0	71,155	125	1,694	0.0%	0.0%	0	55,368			0
	MESAVERDE	0.00					50	Slickwater Ramp	0.5	1.5	Slickwater	3,000	74,155	71	1,766	2.9%	3.0%	3,000	58,368			0
	MESAVERDE	0.00					50	Slickwater Ramp	1.5	2	Slickwater	26,055	100,210	620	2,386	28.3%	43.9%	45,597	103,964			0
	MESAVERDE	0.00					50	Flush (4-1/2) ISDP and 5 min ISDP			Slickwater	5,523	105,733	131	2,517				103,964			53
		2.42	# of Perfs/stage		Look	42	50.3	<< Above pump time (min)							Flush depth	8460	gal/md.ft	39,000	42,961	lbs sand/md.ft	244	226
2	WASATCH	0.35	8006	8010	3	12	Varied	Pump-in test			Slickwater		0	0	0							8
	WASATCH	0.06	8047	8050	3	9	0	ISIP and 5 min ISIP			Slickwater					15.0%	0.0%	0	0			13
	WASATCH	0.10	8142	8146	3	12	50	Slickwater Ramp	0.25	1.5	Slickwater	2,594	2,594	62	62	50.0%	35.7%	7,564	7,564			9
	WASATCH	0.10	8184	8186	3	6	50	Slickwater Ramp	1.5	3	Slickwater	8,645	11,239	206	268	35.0%	64.3%	7,564	21,180			8
	WASATCH	0.00					50	Slickwater Ramp			Slickwater	6,052	17,290	144	412			13,616	21,180			0
	WASATCH	0.00					50	Flush (4-1/2) ISDP and 5 min ISDP			Slickwater	5,226	22,516	124	536				21,180			0
	WASATCH	0.00																21,180			0	
	WASATCH	0.00										22,516		124	536				21,180			0
	WASATCH	0.00																			50	
	WASATCH	0.00																			88	
		0.91	# of Perfs/stage		Look	39	10.7	<< Above pump time (min)				LOOK		LOOK	Flush depth	8006	gal/md.ft	19,000	23,275	lbs sand/md.ft	316	88
3	WASATCH	0.08	7456	7456	3	6	Varied	Pump-in test			Slickwater		0	0	0							7
	WASATCH	0.41	7476	7480	4	16	0	ISIP and 5 min ISIP			Slickwater					15.0%	0.0%	0	0			11
	WASATCH	0.23	7534	7530	3	12	50	Slickwater Pad			Slickwater	2,280	2,280	54	54	50.0%	35.7%	6,650	6,650			8
	WASATCH	0.08	7658	7660	4	8	50	Slickwater Ramp	0.25	1.5	Slickwater	7,600	9,880	181	235	35.0%	64.3%	11,970	18,620			7
	WASATCH	0.00					50	Slickwater Ramp	1.5	3	Slickwater	5,320	15,200	127	362			18,620	18,620			0
	WASATCH	0.00					50	Flush (4-1/2) ISDP and 5 min ISDP			Slickwater	4,867	20,067	116	478				18,620			0
	WASATCH	0.00																18,620			0	
	WASATCH	0.00										20,067		116	478				18,620			0
	WASATCH	0.00																			44	
	WASATCH	0.00																			78	
		0.80	# of Perfs/stage		Look	42	9.6	<< Above pump time (min)				LOOK		LOOK	Flush depth	7456	gal/md.ft	19,000	23,275	lbs sand/md.ft	628	74
4	WASATCH	0.80	6796	6806	4	40	Varied	Pump-in test			Slickwater		0	0	0							7
	WASATCH	0.00					0	ISIP and 5 min ISIP			Slickwater					15.0%	0.0%	0	0			11
	WASATCH	0.00					50	Slickwater Pad			Slickwater	2,280	2,280	54	54	50.0%	35.7%	6,650	6,650			8
	WASATCH	0.00					50	Slickwater Ramp	0.25	1.5	Slickwater	7,600	9,880	181	236	35.0%	64.3%	11,970	18,620			7
	WASATCH	0.00					50	Slickwater Ramp	1.5	3	Slickwater	5,320	15,200	127	362			18,620	18,620			0
	WASATCH	0.00					50	Flush (4-1/2) ISDP and 5 min ISDP			Slickwater	4,436	19,636	106	468				18,620			0
	WASATCH	0.00																18,620			0	
	WASATCH	0.00										19,636		106	468				18,620			0
	WASATCH	0.00																			41	
	WASATCH	0.00																			74	
		0.80	# of Perfs/stage		Look	40	9.4	<< Above pump time (min)				LOOK		LOOK	Flush depth	6796	gal/md.ft	19,000	23,275	lbs sand/md.ft	410	74
6	WASATCH	1.23	6160	6164	3	12	Varied	Pump-in test			Slickwater		0	0	0							15
	WASATCH	0.66	6188	6192	3	12	0	ISIP and 5 min ISIP			Slickwater					15.0%	0.0%	0	0			25
	WASATCH	0.00	6360	6366	3	18	50	Slickwater Pad			Slickwater	5,073	5,073	121	121	50.0%	35.7%	14,796	14,796			18
	WASATCH	0.00					50	Slickwater Ramp	0.25	1.5	Slickwater	16,910	21,983	403	523	35.0%	64.3%	26,633	41,430			6
	WASATCH	0.00					50	Slickwater Ramp	1.5	3	Slickwater	11,837	33,820	282	805			41,430	41,430			0
	WASATCH	0.00					50	Flush (4-1/2) ISDP and 5 min ISDP			Slickwater	4,021	37,841	96	901				41,430			0
	WASATCH	0.00																41,430			0	
	WASATCH	0.00																			0	
	WASATCH	0.00										37,841		96	901				41,430			0
	WASATCH	0.00																			64	
		1.78	# of Perfs/stage		Look	42	18.0	<< Above pump time (min)							Flush depth	6160	gal/md.ft	19,000	23,275	lbs sand/md.ft	50	64
<b>Totals</b>		<b>6.71</b>				<b>205</b>						<b>Total Fluid</b>	<b>205,794</b>	<b>gals</b>	<b>4,900</b>	<b>bbls</b>		<b>Total Sand</b>	<b>203,814</b>			
							1.6															<b>531</b>

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-0577-A
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<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE  <b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
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<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> NBU 920-14M
------------------------------------	--

<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>9. API NUMBER:</b> 43047377530000
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<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6007 Ext	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
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<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 0536 FSL 0612 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 14 Township: 09.0S Range: 20.0E Meridian: S	<b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH
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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 type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/5/2010	<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 type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input checked="" 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: _____

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

THE OPERATOR HAS COMPLETED THE TEMPORARILY ABANDON OPERATIONS ON THE SUBJECT WELL LOCATION ON 3/5/2010. THE OPERATOR HAS TEMPORARILY ABANDONED THE WELL TO DRILL THE TO DRILL THE NBU 920-14M PAD WELLS, WHICH CONSIST OF NBU 920-14M3AS, NBU 920-14M1CS, NBU 920-14M1BS. PLEASE REFER TO THE ATTACHED TEMPORARILY ABANDON CHRONOLOGICAL WELL HISTORY.

Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
**FOR RECORD ONLY**  
 March 08, 2010

<b>NAME (PLEASE PRINT)</b> Andy Lytle	<b>PHONE NUMBER</b> 720 929-6100	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 3/8/2010

**US ROCKIES REGION**  
**Operation Summary Report**

Well: NBU 920-14M      Spud Conductor: 6/19/2008      Spud Date: 6/21/2008  
 Project: UTAH-UINTAH      Site: NBU 920-14M      Rig Name No: MILES 2/2  
 Event: ABANDONMENT      Start Date: 3/4/2010      End Date: 3/5/2010  
 Active Datum: RKB @4,829.00ft (above Mean Sea Level)      UWI: 0/9/S/20/E/14/0/SWSW/6/PM/N/536.00/W/0/612.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
3/4/2010	7:00 - 7:30	0.50	ABAND	48		P		MIRU
	7:30 - 7:30	0.00	ABAND	31		P		GRYO RAN ON NOV. 2008 MIRU, KILL WELL WITH 40 BBLS TMAC, NDWH, NU BOP'S, UNLAND TBG, RU PRS, POOH SCANNING TBG. TOTAL 316 JTS, 2 3/8" 4.7# L-80 TBG 10010.27'. 263 JTS 8333.63' YELLOW-BLUE BAND 53 JTS 1677.79' RED BAND. RD PRS, SWIFN
3/5/2010	7:00 - 7:30	0.50	ABAND	48		P		TRIPPING TBG
	7:30 - 7:30	0.00	ABAND	51		P		KILL WELL WITH 40 BBLS TMAC, RU CUTTERS, RIH GAUGE RING TO 5630', POOH PU CBP, RIH TO 8615, SET CBP, POOH PU BAILER, RIH BAIL 4 SX CEMENT ON CBP AT 8616', POOH LAY DWN BAILER, RD CUTTERS, TRIP IN HOLE WITH 166 JTS TBG, 5265.53'. RU PRO PETRO, CIRC BTMS UP WITH 81 BBLS TMAC, PRESSURE TEST AT 500# FOR 5 MIN. PUMP 2.5 BBLS FRESH WATER, 15 SX, 3 BBLS, CLASS G CEMENT, YIELD 1.145, 4.9G/SX, DENISTY 15.8#, 17.5 CUFT, PUMP 1 BBLS FRESH, 18.5 BBLS TMAC TO DISPLACE, RD PRO PETRO, POOH & LD 166 JTS TBG, FMC PULLED TBG SPOOL, CAPPED WELL. RDMO

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-0577-A
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<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> NBU 920-14M
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<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>9. API NUMBER:</b> 43047377530000
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<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6007 Ext	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
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	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
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	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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<b>NAME (PLEASE PRINT)</b> Andy Lytle	<b>PHONE NUMBER</b> 720 929-6100	<b>TITLE</b> Regulatory Analyst
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	7:30 - 7:30	0.00	ABAND	51		P		KILL WELL WITH 40 BBLS TMAC, RU CUTTERS, RIH GAUGE RING TO 5630', POOH PU CBP, RIH TO 8615, SET CBP, POOH PU BAILER, RIH BAIL 4 SX CEMENT ON CBP AT 8616', POOH LAY DWN BAILER, RD CUTTERS, TRIP IN HOLE WITH 166 JTS TBG, 5265.53'. RU PRO PETRO, CIRC BTMS UP WITH 81 BBLS TMAC, PRESSURE TEST AT 500# FOR 5 MIN. PUMP 2.5 BBLS FRESH WATER, 15 SX, 3 BBLS, CLASS G CEMENT, YIELD 1.145, 4.9G/SX, DENISTY 15.8#, 17.5 CUFT, PUMP 1 BBLS FRESH, 18.5 BBLS TMAC TO DISPLACE, RD PRO PETRO, POOH & LD 166 JTS TBG, FMC PULLED TBG SPOOL, CAPPED WELL. RDMO

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-0577-A
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<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> NBU 920-14M
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>9. API NUMBER:</b> 43047377530000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6007 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0536 FSL 0612 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 14 Township: 09.0S Range: 20.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES  <b>COUNTY:</b> UINTAH  <b>STATE:</b> 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 type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/13/2010	<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 checked="" 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"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

THIS TEMPORARILY ABANDONED WELL HAS RETURNED TO PRODUCTION.  
 THIS WELL RETURNED TO PRODUCTION ON 7/13/2010.

**Accepted by the  
 Utah Division of  
 Oil, Gas and Mining**

**FOR RECORD ONLY**  
 July 20, 2010

<b>NAME (PLEASE PRINT)</b> Andy Lytle	<b>PHONE NUMBER</b> 720 929-6100	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 7/14/2010