

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-01193
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 TRIBAL SURFACE
2. Name of Operator KERR MCGEE OIL AND GAS ONSHORE LP		7. If Unit or CA Agreement, Name and No. UNIT #891008900A
3A. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078		8. Lease Name and Well No. NBU 921-13H
3b. Phone No. (include area code) (435) 781-7024		9. API Well No. 43-047-39243
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SE/NE 2323'FNL, 531'FEL 6286764 40.036873 At proposed prod. Zone 44327294 -109.491797		10. Field and Pool, or Exploratory NATURAL BUTTES
14. Distance in miles and direction from nearest town or post office* 27.65 +/- MILES FROM OURAY, UTAH		11. Sec., T., R., M., or Blk, and Survey or Area SEC. 13, T9S, R21E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 531'	16. No. of Acres in lease 1920.00	12. County or Parish UINTAH
17. Spacing Unit dedicated to this well 40.00	13. State UTAH	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C	19. Proposed Depth 9860'	20. BLM/BIA Bond No. on file RLB0005239
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4856'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 	Name (Printed/Typed) SHEILA UPCHEGO	Date 4/18/2007
Title SENIOR LAND ADMIN SPECIALIST		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 04-26-07
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.

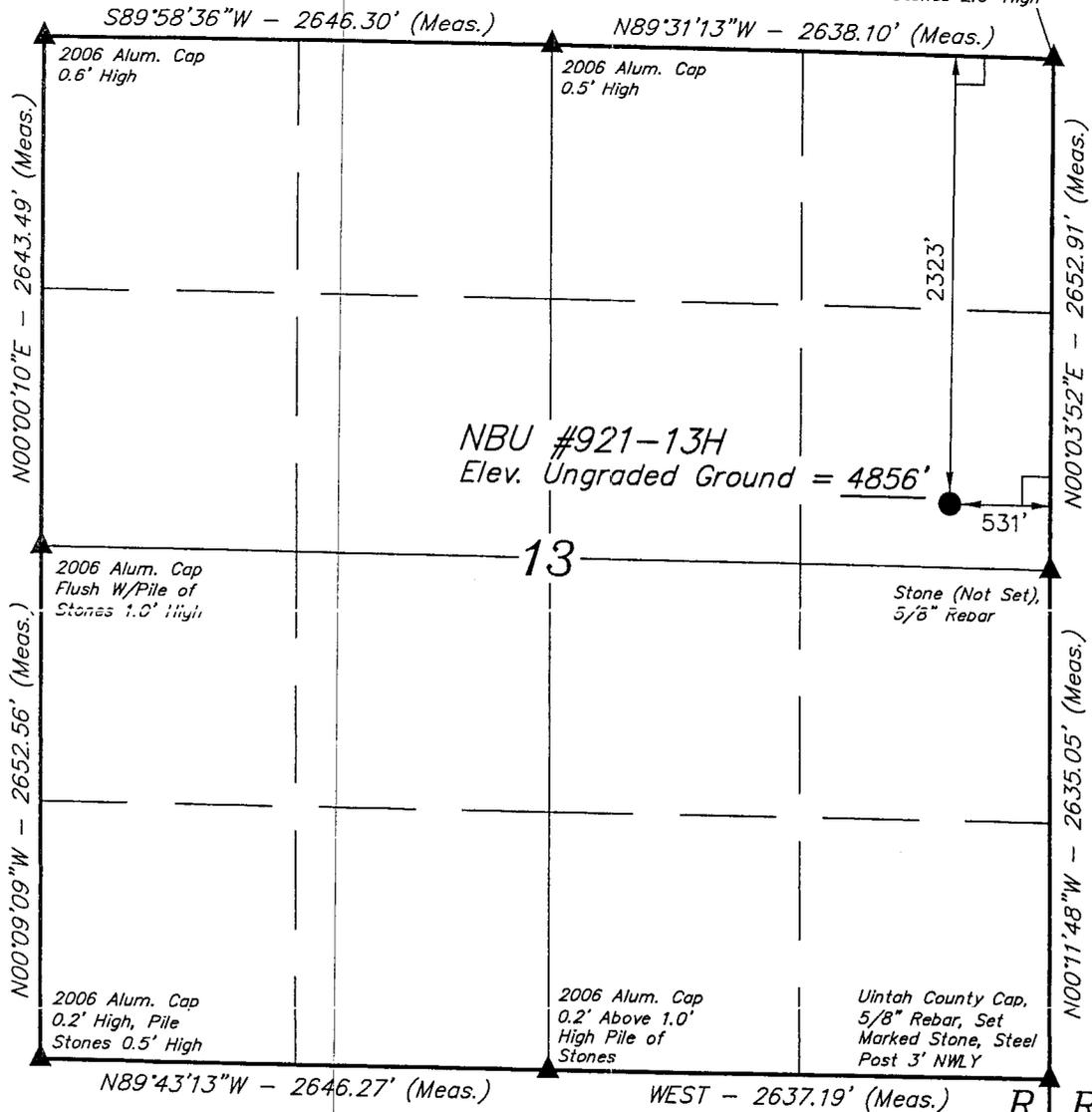
*(Instructions on reverse)

Federal Approval of this
Action is Necessary

RECEIVED
APR 23 2007
DIV. OF OIL, GAS & MINING

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

2006 Alum. Cap
Flush W/Pile of
Stones 2.0' High



NBU #921-13H
Elev. Ungraded Ground = 4856'

Stone (Not Set),
5/8" Rebar

Uintah County Cap,
5/8" Rebar, Set
Marked Stone, Steel
Post 3' NWLY

LEGEND:

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

(NAD 83)
 LATITUDE = 40°02'12.77" (40.036881)
 LONGITUDE = 109°29'33.45" (109.492625)
 (NAD 27)
 LATITUDE = 40°02'12.90" (40.036917)
 LONGITUDE = 109°29'30.98" (109.491939)

R R
21 22
E E

Kerr-McGee Oil & Gas Onshore LP

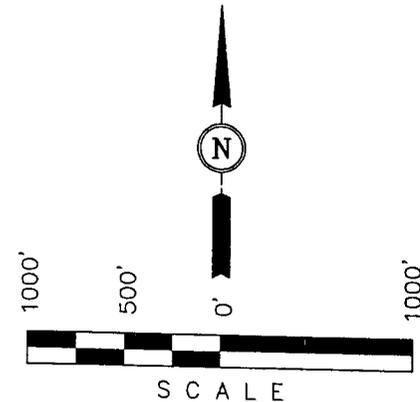
Well location, NBU #921-13H, located as shown in the SE 1/4 NE 1/4 of Section 13, T9S, R21E, S.L.B.&M., Uintah County, Utah.

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.

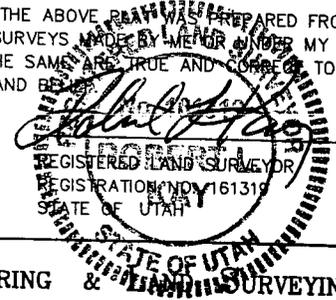
BASIS OF BEARINGS

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



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.



UINTAH ENGINEERING & SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 03-26-07	DATE DRAWN: 03-30-07
PARTY L.K. J.A. P.M.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE Kerr-McGee Oil & Gas Onshore LP	

NBU 921-13H
SE/NE Sec. 13, T9S, R21E
UINTAH COUNTY, UTAH
UTU-01193

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. **Estimated Tops of Important Geologic Markers:**

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	1737'
Top of Birds Nest Water	2037'
Mahogany	2405'
Wasatch	5020'
Mesaverde	7806'
MVU2	8685'
MVL1	9234'
TD	9860'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1737'
	Top of Birds Nest Water	2037'
	Mahogany	2405'
Gas	Wasatch	5020'
Gas	Mesaverde	7806'
Gas	MVU2	8685'
Gas	MVL1	9234'
Water	N/A	
Other Minerals	N/A	

3. **Pressure Control Equipment** (Schematic Attached)

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

4. **Proposed Casing & Cementing Program:**

Please see the Natural Buttes Unit SOP.

5. **Drilling Fluids Program:**

Please see the Natural Buttes Unit SOP.

6. **Evaluation Program:**

Please see the Natural Buttes Unit SOP.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 9860' TD, approximately equals 6113 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3944 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

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

9. **Variations:**

Please see Natural Buttes Unit SOP.

10. **Other Information:**

Please see Natural Buttes Unit SOP.



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

CASING PROGRAM

	SIZE	INTERVAL		WT	GR	CPLG	DESIGN FACTORS		
							BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'					2270	1370	254000
SURFACE	9-5/8"	0	to 2200	32.30	H-40	STC	0.58*****	1.33	3.45
	9-5/8"	2200	to 2600	36.00	J-55	STC	1.17*****	2020	564000
PRODUCTION	4-1/2"	0	to 9860	11.60	I-80	LTC	7780	6350	201000
							2.00	1.05	2.01

- 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 = 11.8 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 3881 psi
 ***** Burst SF is low but csg is stronger than formation at 2600 feet
 ***** EMW @ 2600 for 2270# is 16.8 ppg or 0.9 psi/ft

CEMENT PROGRAM

	LEAD	THICKNESS	DESCRIPTION	STACKS	EXCESS	WEIGHT	YIELD
SURFACE Option 1	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18
	TOP OUT CMT (1)	250	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	100		15.60	1.18
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE Option 2	LEAD	2000	NOTE: If well will circulate water to surface, option 2 will be utilized Prem cmt + 6% Gel + 10 pps gilsonite +.25 pps flocele + 3% salt BWOC	230	35%	11.00	3.82
	TAIL	500	Premium cmt + 2% CaCl + .25 pps flocele	180	35%	15.60	1.18
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
	PRODUCTION	LEAD	4,520'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	490	60%	11.00
	TAIL	5,340'	50/50 Poz/G + 10% salt + 2% gel +.1% R-3	1490	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

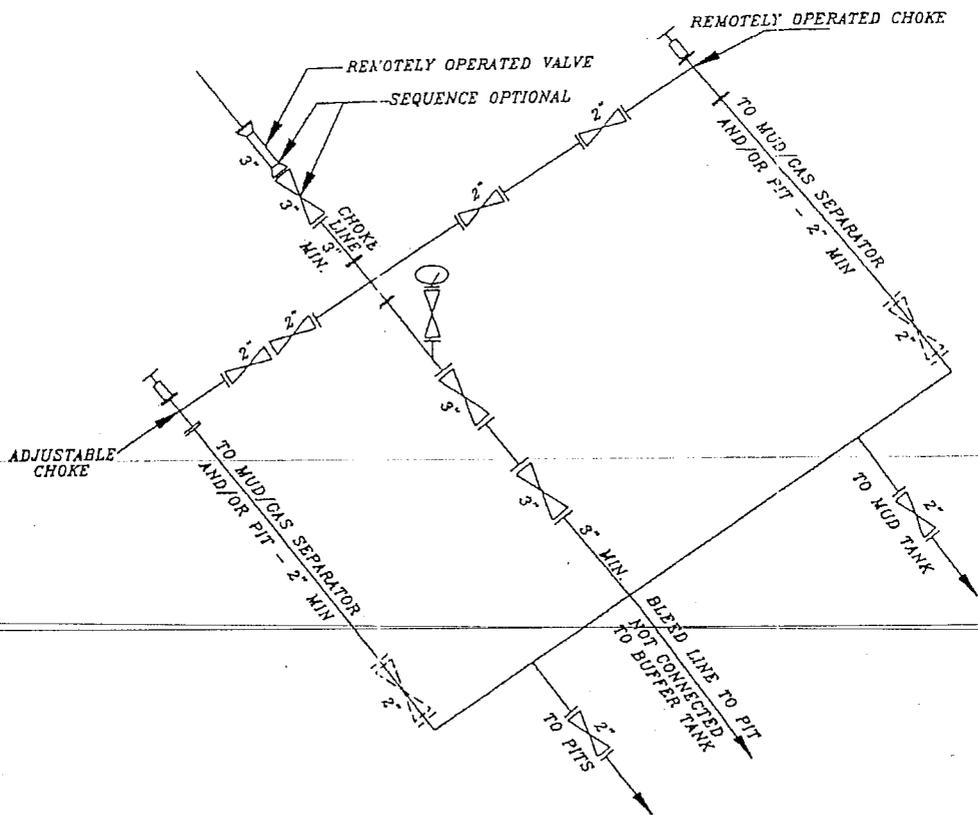
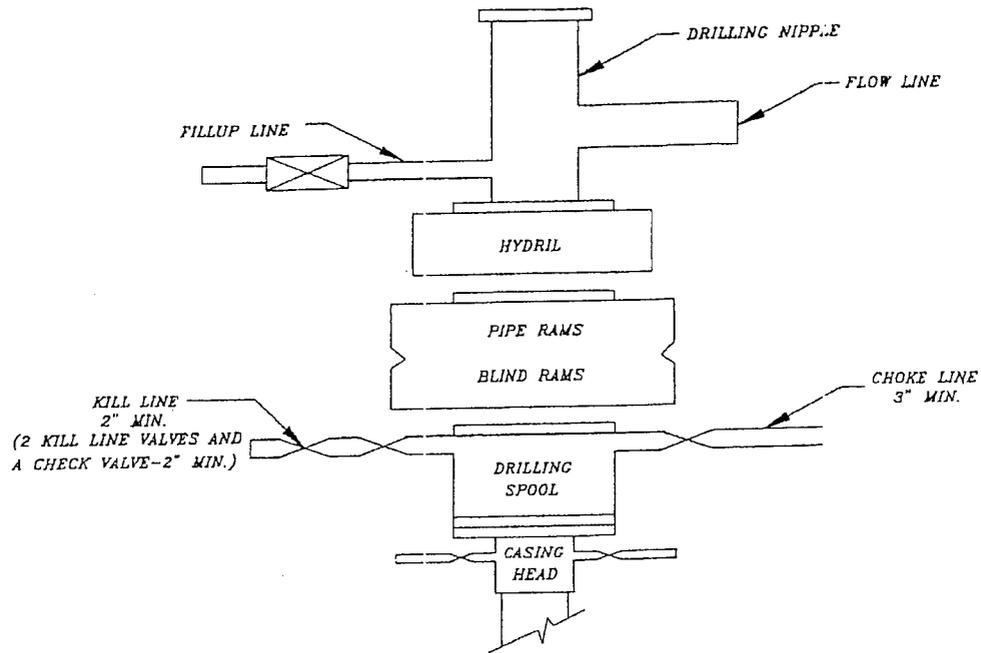
SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

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 & log 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: _____ DATE: _____
 Brad Laney
 DRILLING SUPERINTENDENT: _____ DATE: _____
 Randy Bayne

5M BOP STACK and CHOKE MANIFOLD SYSTEM



**NBU 921-13H
SE/NE SEC. 13, T9S, R21E
UINTAH COUNTY, UTAH
UTU-01193**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Refer to the attached location directions.

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

2. Planned Access Roads:

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

Approximately 0.15 +/- miles of new access road. Please refer to the attached Topo Map B.

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

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

Please see the Natural Buttes Unit SOP.

Approximately 1991' +/- of 4" pipeline is proposed from the location to an existing pipeline.

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

5. Location and Type of Water Supply:

Please see the Natural Buttes SOP.

6. Source of Construction Materials:

Please see the Natural Buttes SOP.

7. Methods of Handling Waste Materials:

Please see the Natural Buttes SOP.

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

8. **Ancillary Facilities:**

Please see the Natural Buttes SOP.

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

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

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

Culverts will be installed where needed.

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

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

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

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

Please see the Natural Buttes SOP.

11. **Surface Ownership:**

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

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

12. **Other Information:**

A Class III Archaeological Survey Report has been conducted for this location and submitted to the Ute Indian Tribe prior to the on-site inspection.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it within 460' of any non-committed tract lying within boundaries of the unit.

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

Sheila Uphego
Senior Land Admin Specialist
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435) 781-7024

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

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

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

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

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Bureau of Indian Affairs Nationwide Bond #RLB0005239, Bureau of Land Management Nationwide Bond #WYB000291 and State of Utah Bond #RLB0005237.

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


Sheila Uphego

4/18/2007
Date

Kerr-McGee Oil & Gas Onshore LP

NBU #921-13H

SECTION 13, T9S, R21E, 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 6.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN EASTERLY DIRECTION APPROXIMATELY 5.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 3.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 1.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 400' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 49.3 MILES.

Kerr-McGee Oil & Gas Onshore LP

NBU #921-13H

LOCATED IN UINTAH COUNTY, UTAH

SECTION 13, T9S, R21E, S.L.B.&M.

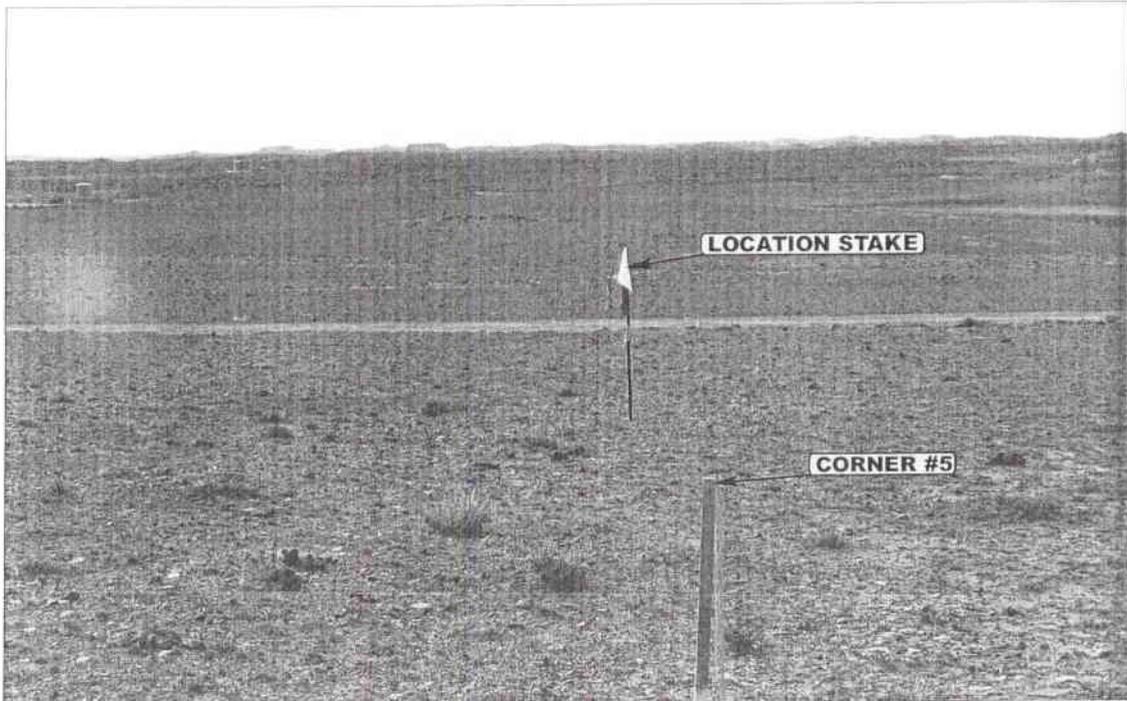


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHERLY

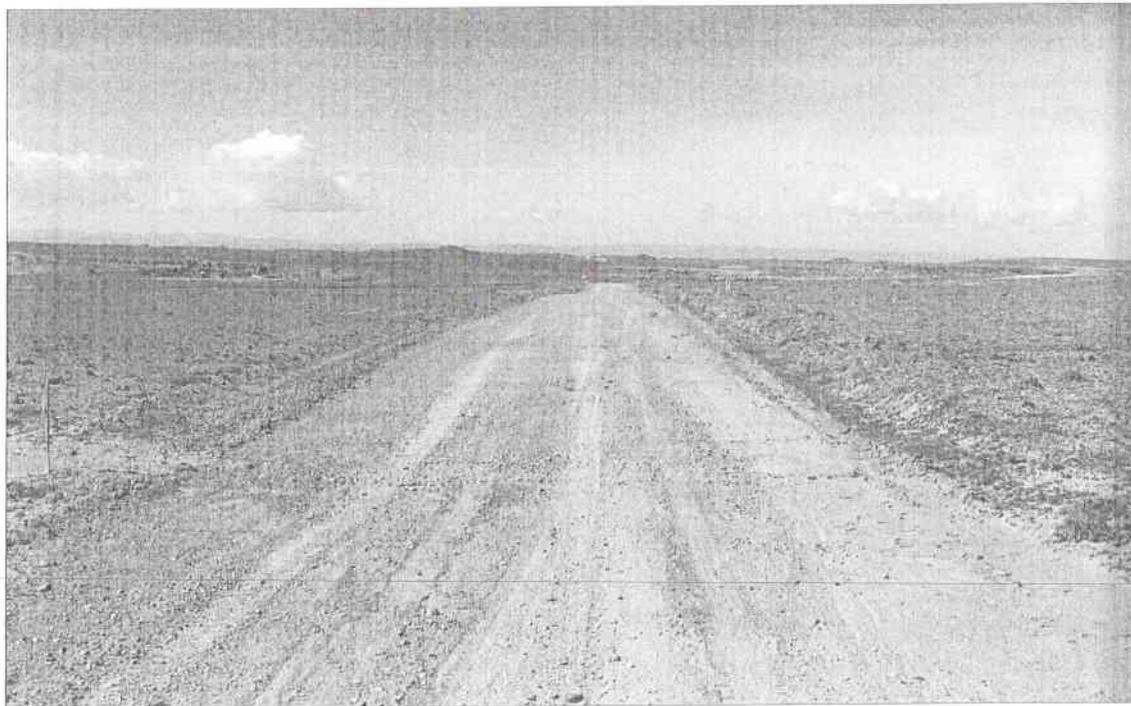


PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: WESTERLY



- Since 1964 -

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

LOCATION PHOTOS

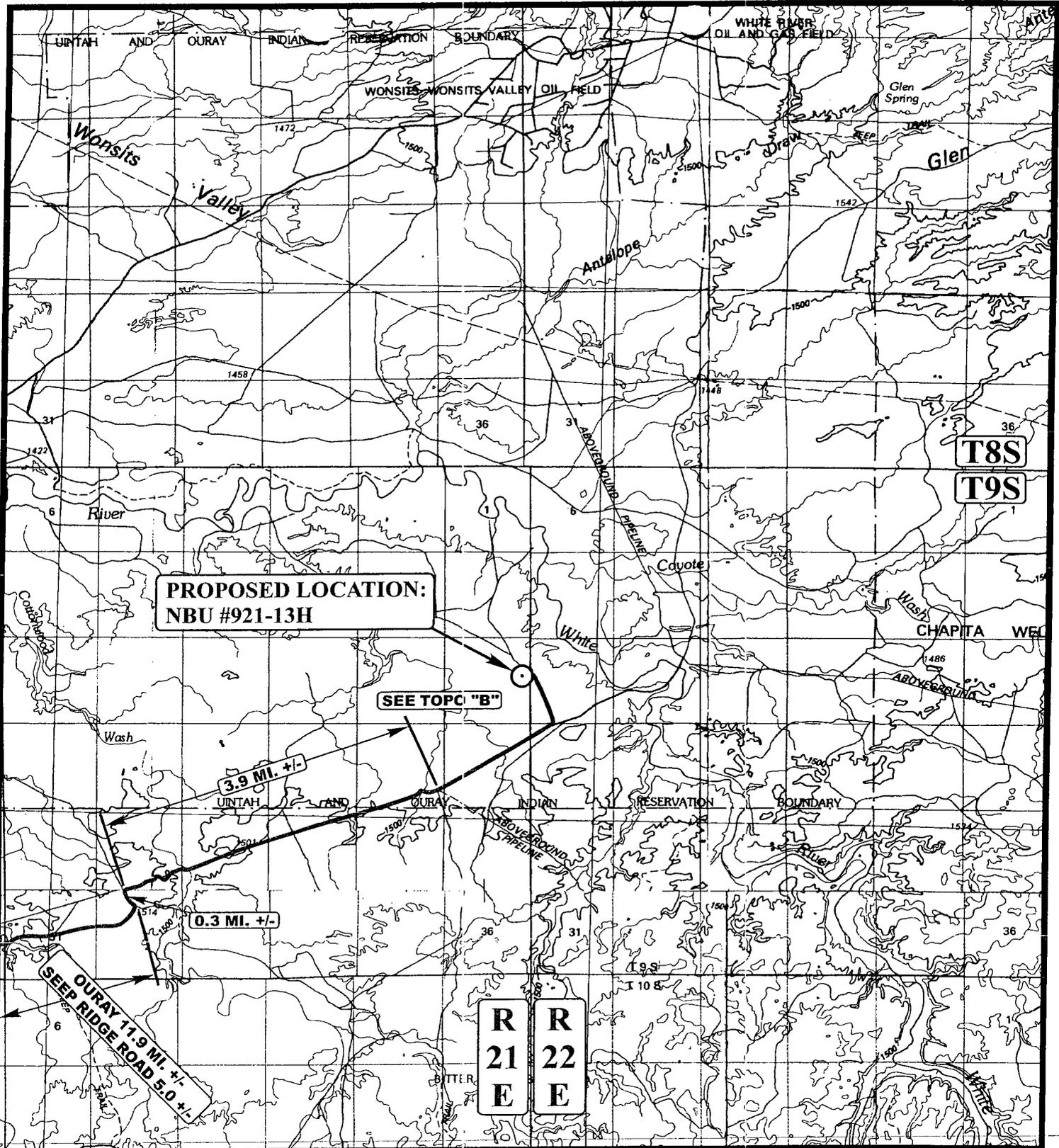
03 27 07
MONTH DAY YEAR

PHOTO

TAKEN BY: L.K.

DRAWN BY: C.P.

REVISED: 00-00-00



LEGEND:

○ PROPOSED LOCATION



Kerr-McGee Oil & Gas Onshore LP

NBU #921-13H
SECTION 13, T9S, R21E, S.L.B.&M.
2323' FNL 531' FEL



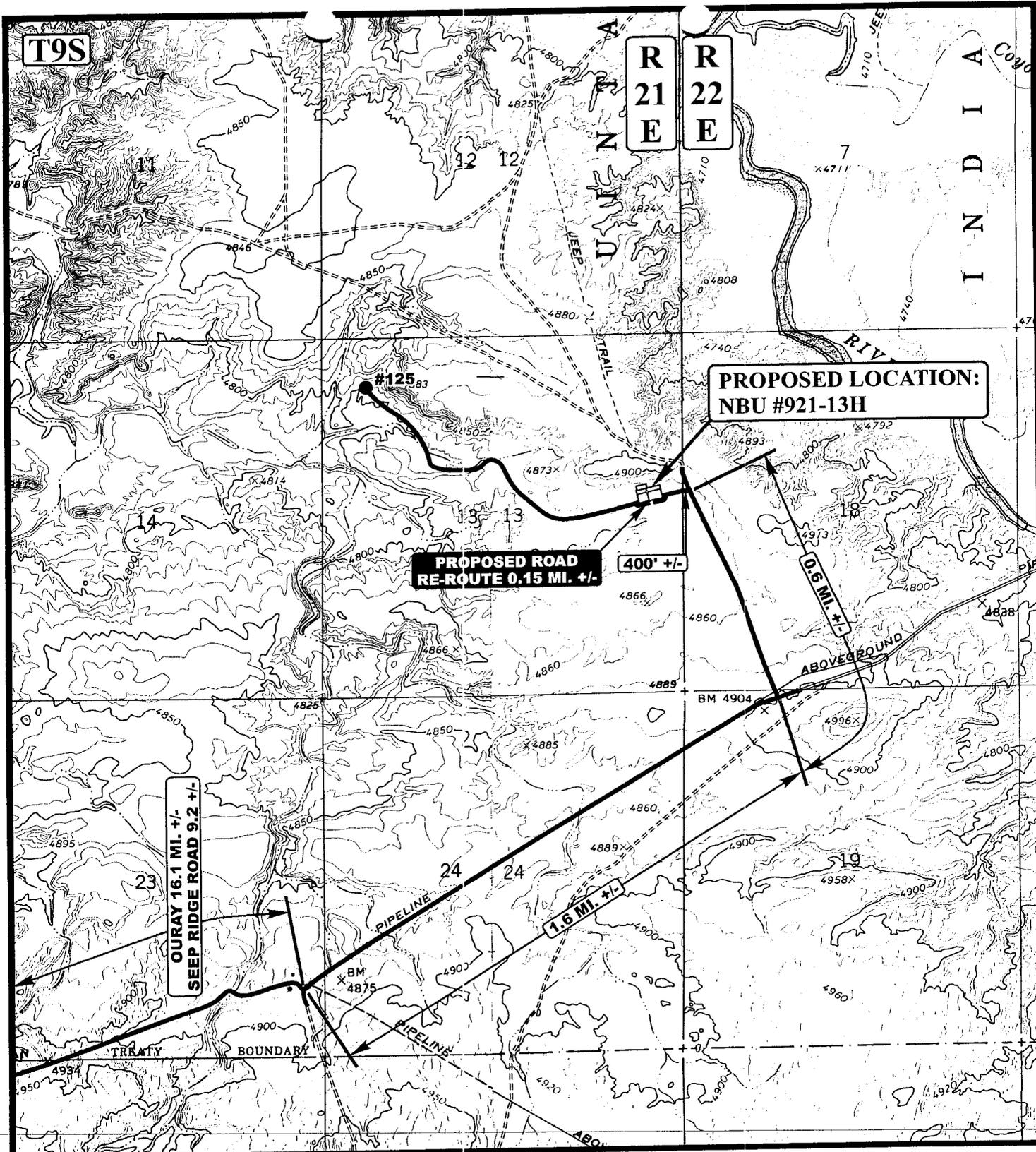
Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

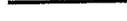
03 27 07
MONTH DAY YEAR

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





LEGEND:

-  EXISTING ROAD
-  PROPOSED ROAD RE-ROUTE

Kerr-McGee Oil & Gas Onshore LP

NBU #921-13H

SECTION 13, T9S, R21E, S.L.B.&M.

2323' FNL 531' FEL



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

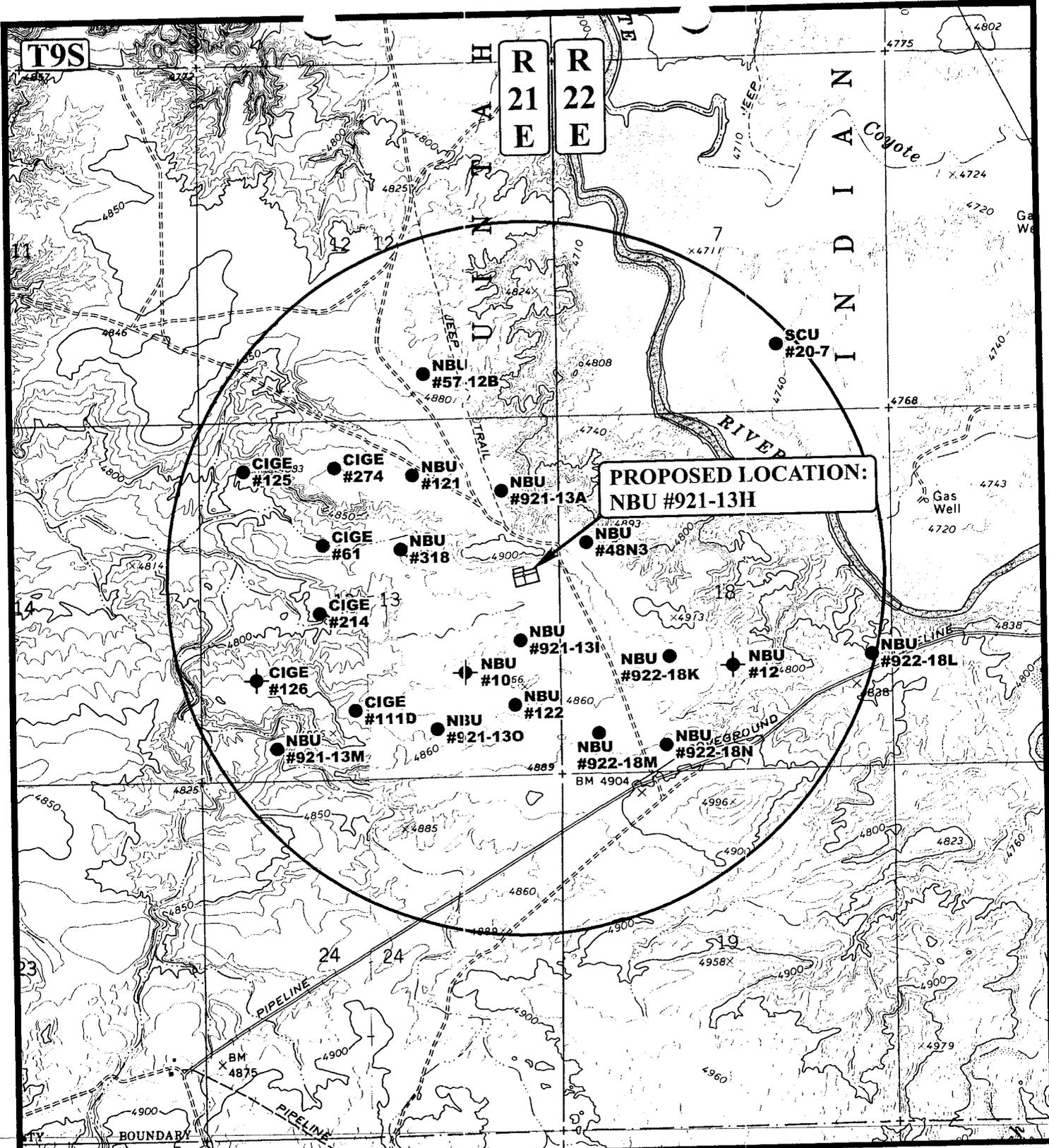


TOPOGRAPHIC MAP

03	27	07
MONTH	DAY	YEAR

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

B
TOPO



**PROPOSED LOCATION:
NBU #921-13H**

LEGEND:

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

Kerr-McGee Oil & Gas Onshore LP

NBU #921-13H
SECTION 13, T9S, R21E, S.L.B.&M.
2323' FNL 531' FEL



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

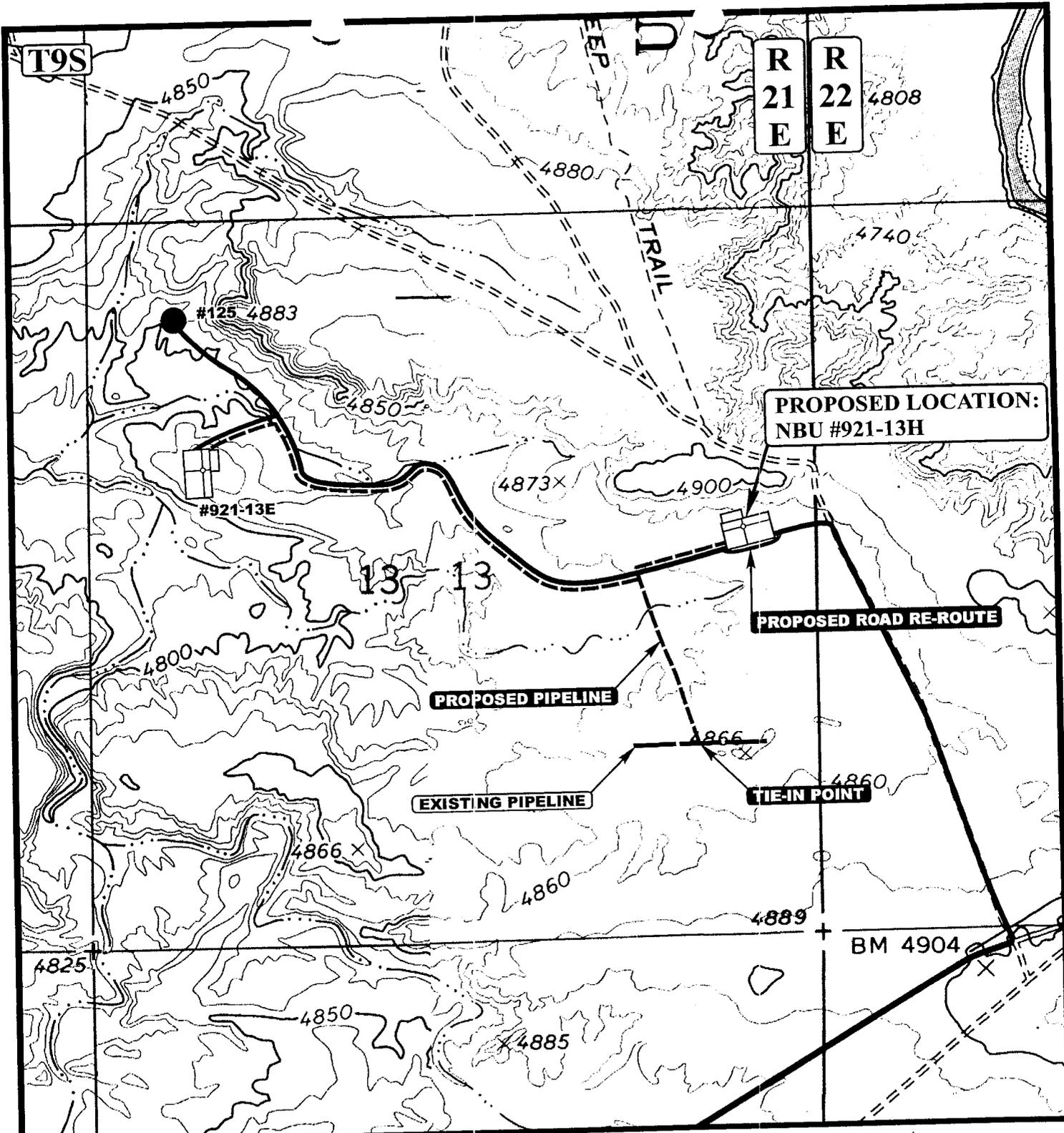


**TOPOGRAPHIC
MAP**

03	27	07
MONTH	DAY	YEAR

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





APPROXIMATE TOTAL PIPELINE DISTANCE = 1,991' +/-

LEGEND:

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

Kerr-McGee Oil & Gas Onshore LP

NBU #921-13H

SECTION 13, T9S, R21E, S.L.B.&M.

2323' FNL 531' FEL



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

TOPOGRAPHIC
MAP

03	27	07
MONTH	DAY	YEAR

D
TOPO

SCALE: 1" = 1000' DRAWN BY: C.P. REVISED: 00-00-00

Kerr-McGee Oil & Gas Onshore LP

NBU #921-13H
PIPELINE ALIGNMENT
LOCATED IN UINTAH COUNTY, UTAH
SECTION 13, T9S, R21E, S.L.B.&M.

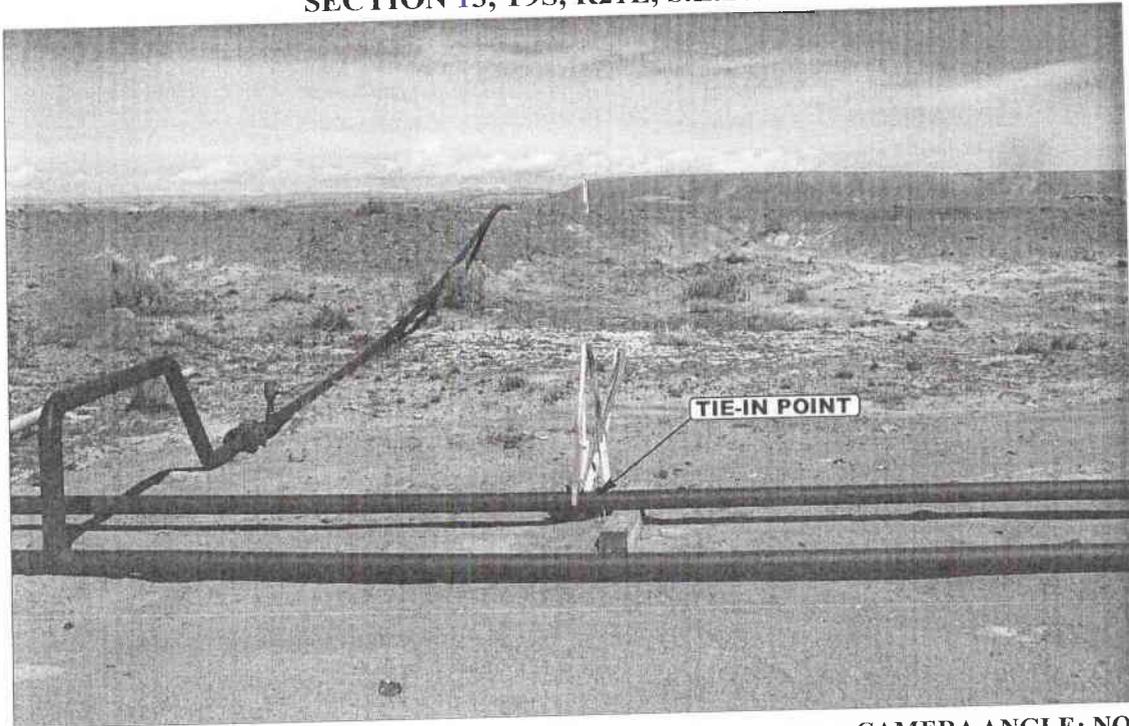


PHOTO: VIEW FROM TIE-IN POINT

CAMERA ANGLE: NORTHERLY

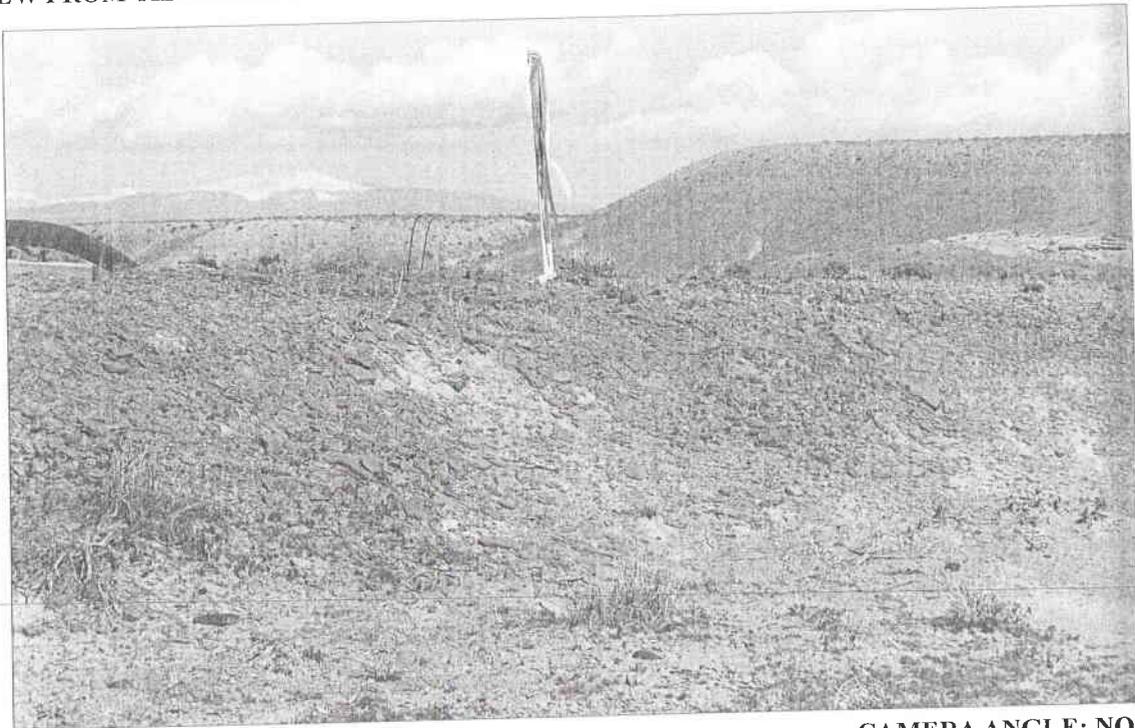


PHOTO: VIEW OF PIPELINE ALIGNMENT

CAMERA ANGLE: NORTHERLY



- Since 1964 -

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

PIPELINE PHOTOS

03 27 07
MONTH DAY YEAR

PHOTO

TAKEN BY: L.K.

DRAWN BY: C.P.

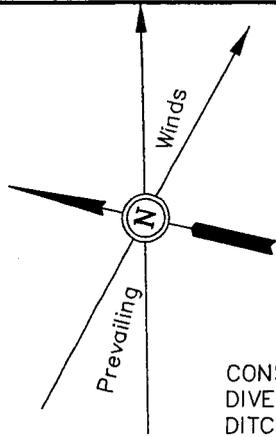
REVISED: 00-00-00

Kerr-McGee Oil & Gas Onshore LP

FIGURE #1

LOCATION LAYOUT FOR

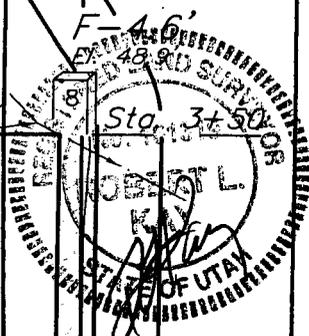
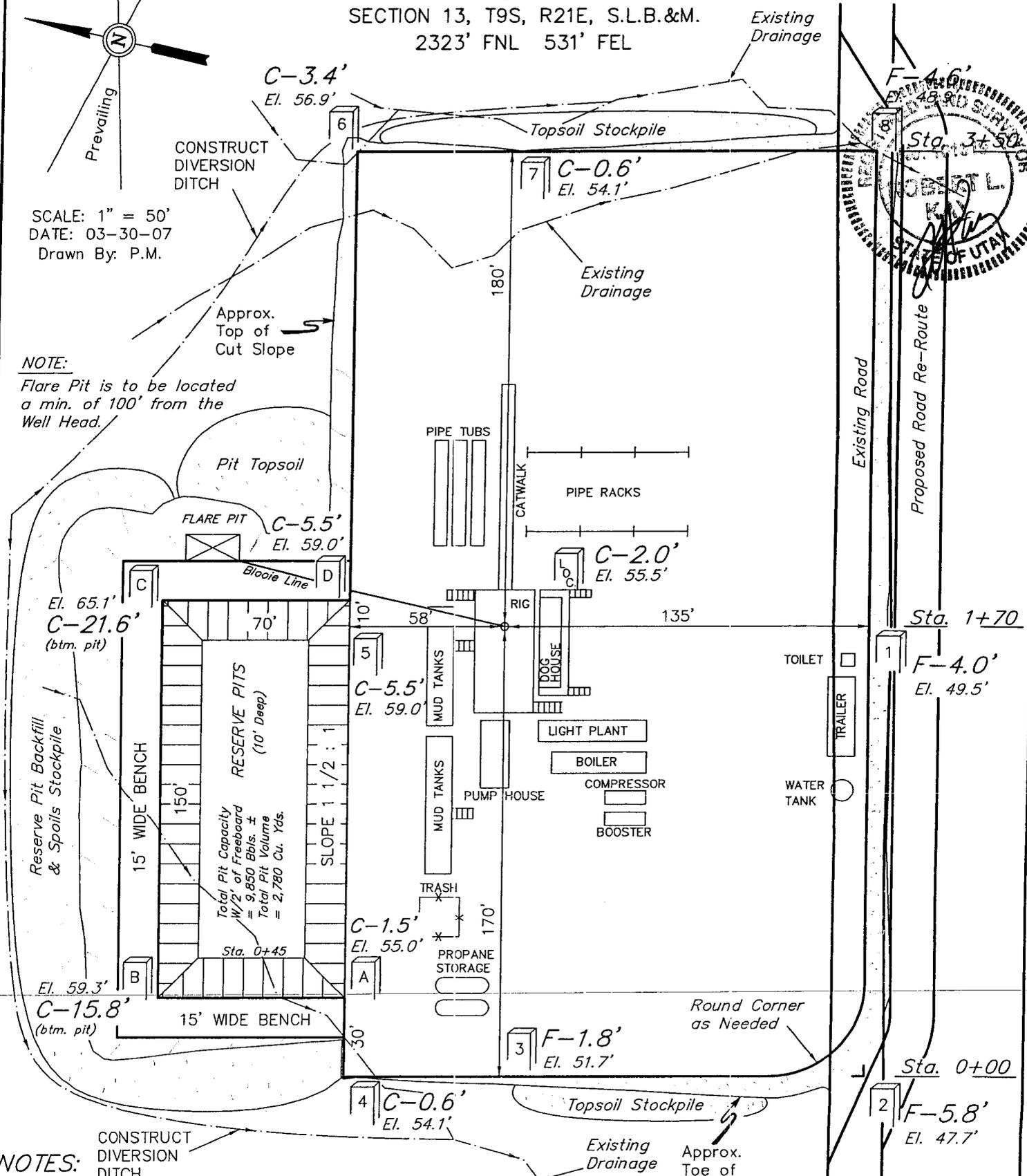
NBU #921-13H
SECTION 13, T9S, R21E, S.L.B.&M.
2323' FNL 531' FEL



SCALE: 1" = 50'
DATE: 03-30-07
Drawn By: P.M.

NOTE:

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



NOTES:

CONSTRUCT DIVERSION DITCH

Elev. Ungraded Ground At Loc. Stake = 4855.5'
FINISHED GRADE ELEV. AT LOC. STAKE = 4853.5'

Existing Drainage
Approx. Toe of Fill Slope

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

Kerr-McGee Oil & Gas Onshore LP

FIGURE #2

TYPICAL CROSS SECTIONS FOR

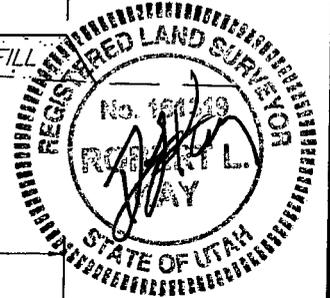
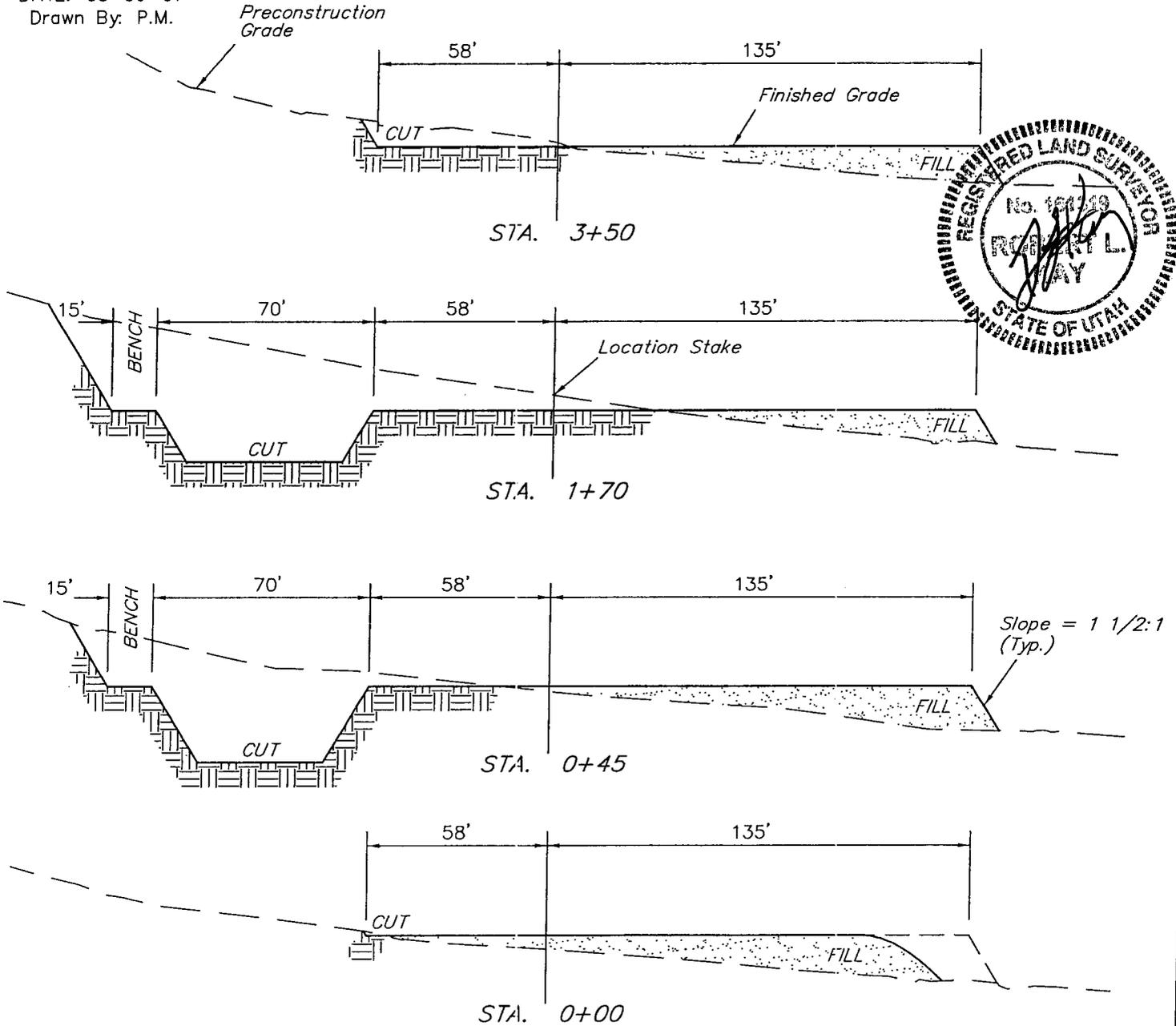
NBU #921-13H

SECTION 13, T9S, R21E, S.L.B.&M.

2323' FNL 531' FEL

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

DATE: 03-30-07
Drawn By: P.M.



NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

* NOTE:

FILL QUANTITY INCLUDES 5% FCR COMPACTION

APPROXIMATE YARDAGES

CUT	
(12") Topsoil Stripping	= 3,560 Cu. Yds.
Remaining Location	= 7,470 Cu. Yds.
TOTAL CUT	= 11,030 CU.YDS.
FILL	= 6,080 CU.YDS.

EXCESS MATERIAL	= 4,950 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 4,950 Cu. Yds.
EXCESS UNBALANCE (After Interim 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: 04/23/2007

API NO. ASSIGNED: 43-047-39243

WELL NAME: NBU 921-13H
 OPERATOR: KERR-MCGEE OIL & GAS (N2995)
 CONTACT: SHEILA UPCHEGO

PHONE NUMBER: 435-781-7024

PROPOSED LOCATION:

SENE 13 090S 210E
 SURFACE: 2323 FNL 0531 FEL
 BOTTOM: 2323 FNL 0531 FEL
 COUNTY: UINTAH
 LATITUDE: 40.03687 LONGITUDE: -109.4918
 UTM SURF EASTINGS: 628676 NORTHINGS: 4432729
 FIELD NAME: NATURAL BUTTES (630)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-01193
 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:

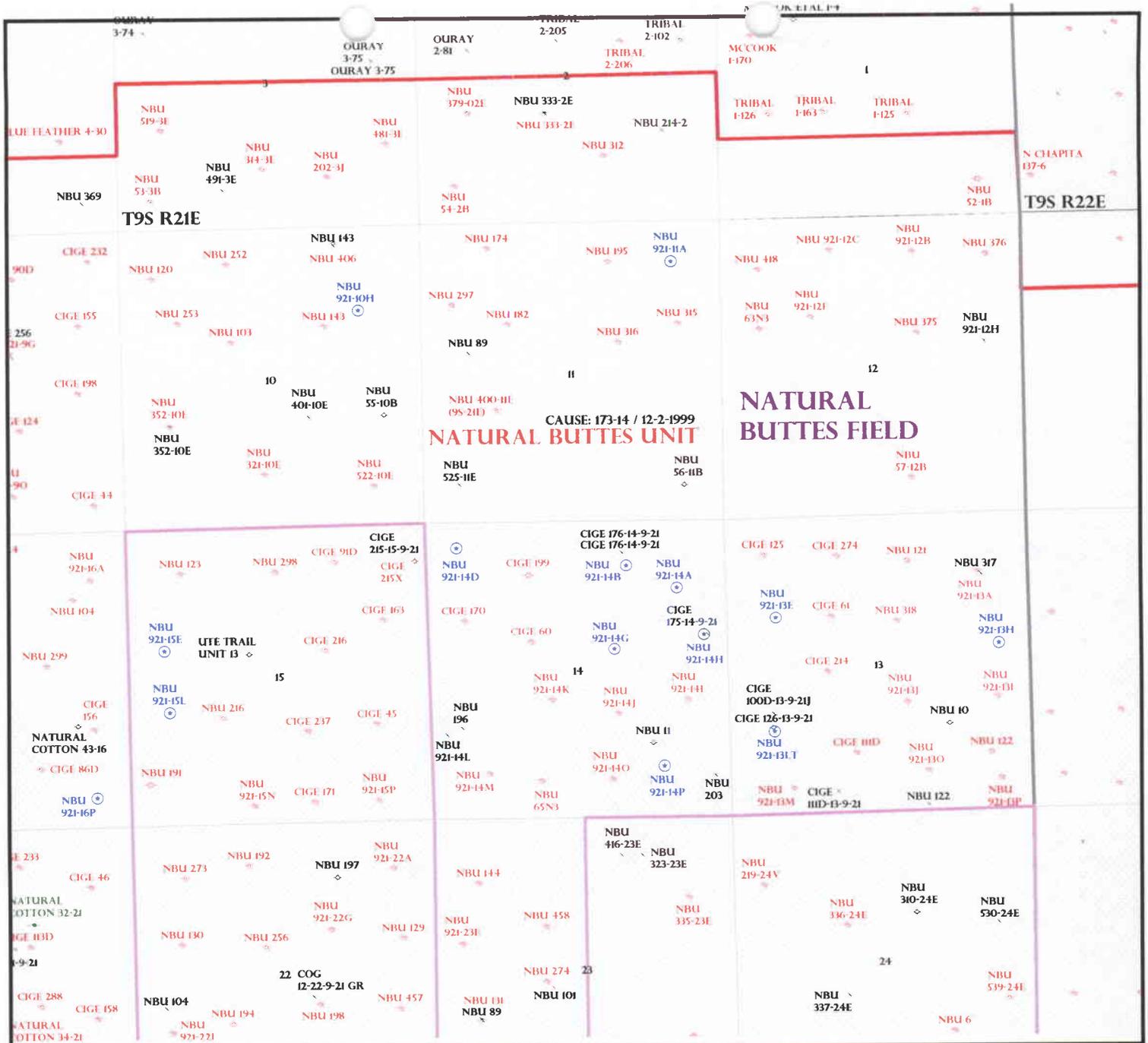
- R649-2-3.
- Unit: NATURAL BUTTES
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: 173.14
Eff Date: 12-2-99
Siting: 460' to u/s d/s of unconsolidated
- R649-3-11. Directional Drill

COMMENTS:

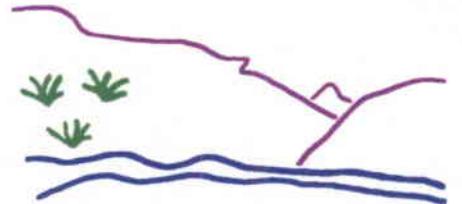
See Separate file

STIPULATIONS:

1. Federal Approval
2 - Oil SHALE



OPERATOR: KERR MCGEE O&G (N2995)
 SEC: 10,13,14,15 T.9S R. 21E
 FIELD: NATURAL BUTTES (630)
 COUNTY: UINTAH
 CAUSE: 173-14 / 12-2-1999



Utah Oil Gas and Mining

- 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

- 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



PREPARED BY: DIANA MASON
 DATE: 25-APRIL-2007

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)

April 25, 2007

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2007 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 2007 within the Natural Buttes Unit, Uintah County, Utah.

API#	WELL NAME	LOCATION
------	-----------	----------

(Proposed PZ Wasatch/MesaVerde)

43-047-39237	NBU 921-8B	Sec 08 T09S R21E 0528 FNL 2080 FEL
43-047-39238	NBU 921-8H	Sec 08 T09S R21E 1870 FNL 0837 FEL
43-047-39239	NBU 921-8P	Sec 08 T09S R21E 0533 FSL 0578 FEL
43-047-39240	NBU 921-9K	Sec 09 T09S R21E 2633 FSL 2383 FWL
43-047-39241	NBU 921-9C	Sec 09 T09S R21E 0896 FNL 1569 FWL
43-047-39254	NBU 921-16P	Sec 16 T09S R21E 0537 FSL 0610 FEL
43-047-39255	NBU 921-18D	Sec 18 T09S R21E 0550 FNL 0827 FWL
43-047-39256	NBU 921-21L	Sec 21 T09S R21E 1785 FSL 0797 FWL
43-047-39242	NBU 921-10H	Sec 10 T09S R21E 1472 FNL 1104 FEL
43-047-39243	NBU 921-13H	Sec 13 T09S R21E 2323 FNL 0531 FEL
43-047-39244	NBU 921-13E	Sec 13 T09S R21E 1818 FNL 0851 FWL
43-047-39245	NBU 921-13LT	Sec 13 T09S R21E 1465 FSL 0792 FWL
43-047-39246	NBU 921-14B	Sec 14 T09S R21E 0822 FNL 1764 FEL
43-047-39247	NBU 921-14D	Sec 14 T09S R21E 0465 FNL 0542 FWL
43-047-39248	NBU 921-14P	Sec 14 T09S R21E 0878 FSL 1163 FEL
43-047-39249	NBU 921-14A	Sec 14 T09S R21E 1239 FNL 0883 FEL
43-047-39250	NBU 921-14G	Sec 14 T09S R21E 2319 FNL 1996 FEL
43-047-39251	NBU 921-14H	Sec 14 T09S R21E 2088 FNL 0422 FEL
43-047-39252	NBU 921-15E	Sec 15 T09S R21E 2184 FNL 0636 FWL
43-047-39253	NBU 921-15L	Sec 15 T09S R21E 2015 FSL 0713 FWL

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File - Natural Buttes Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:4-25-07



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

April 26, 2007

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

Re: Natural Buttes Unit 921-13H Well, 2323' FNL, 531' FEL, SE NE, Sec. 13,
T. 9 South, R. 21 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 43-047-39243.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

Operator: Kerr McGee Oil and Gas Onshore LP
Well Name & Number Natural Buttes Unit 921-13H
API Number: 43-047-39243
Lease: UTU-01193

Location: SE NE Sec. 13 T. 9 South R. 21 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 with 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 Dustin Doucet at (801) 538-5281 office
(801) 733-0983 home

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.

RECEIVED
VERNAL FIELD OFFICE

2007 APR 19 AM 11:57

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

Form 3160-3
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DEPT. OF THE INTERIOR
BUREAU OF LAND MGMT

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

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 (Report location clearly and in accordance with any State requirements. *)
At surface **SE/NE 2323'FNL, 531'FEL**
At proposed prod. Zone

14. Distance in miles and direction from nearest town or post office*
27.65 +/- MILES FROM OURAY, UTAH

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) **531'** 16. No. of Acres in lease **1920.00** 17. Spacing Unit dedicated to this well **40.00**

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. **REFER TO TOPO C** 19. Proposed Depth **9860'** 20. BLM/BIA Bond No. on file **RLB0005239**

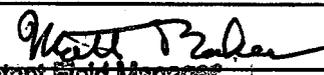
21. Elevations (Show whether DF, KDB, RT, GL, etc.) **4856'GL** 22. Approximate date work will start* **UPON APPROVAL** 23. Estimated duration **TO BE DETERMINED**

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.
- 2. A Drilling Plan.
- 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.
- 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- 5. Operator certification.
- 6. Such other site specific information and/or plans as may be required by the authorized office.

25. Signature  Name (Printed/Typed) **SHEILA UPCHEGO** Date **4/18/2007**
Title **SENIOR LAND ADMIN SPECIALIST**

Approved by (Signature)  Name (Printed/Typed) **MATT BAKER** Date **FEB 22 2008**
Title **Assistant Field Manager** Office **VERNAL FIELD OFFICE**
Account Lands & Mineral Resources

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
FEB 26 2008

DIV. OF OIL, GAS & MINING

116005
042XJ4010A



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

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Kerr-McGee Oil & Gas Onshore, LP **Location:** SENE, Sec. 13, T9S, R21E
Well No: NBU 921-13H **Lease No:** UTU-01193
API No: 43-047-39243 **Agreement:** Natural Buttes Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
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:	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

Construction Activity	The Ute Tribe Energy & Minerals Dept. shall be notified in writing 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion	Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion.
Spud Notice (Notify Petroleum Engineer)	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

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

General Surface 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 report will be prepared by a BLM permitted paleontologist and submitted to the AO at the completion of surface disturbing activities.

Specific Surface COAs

- 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 ROWs.
- 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 CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- A surface casing shoe integrity test shall be performed.
- Production casing cement top shall be at a minimum of 200' above the surface casing shoe.

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 Gilsontite, 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.
- 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.

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)
SE/NE SEC. 13, T9S, R21E 2323'FNL, 531'FEL

5. Lease Serial No.
UTU-01193

6. If Indian, Allottee or Tribe Name
TRIBAL SURFACE

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

8. Well Name and No.
NBU 921-13H

9. API Well No.
4304739243

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

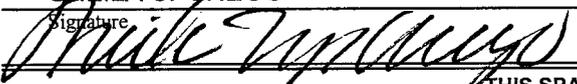
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> 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 FINAL DRILLING OPERATIONS
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed 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 2760' TO 9696' ON 04/12/2008. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/500 SX PREM LITE II @11.5 PPG 2.70 YIELD. TAILED CMT W/1345 SX 50/50 POZ @ 14.3 PPG 1.31 YIELD. DISPLACE W/150 BBLS H2O + ADDITIVES PLUG DOWN FLOATS HELD W/ 1.5 BBLS RETURNED TO INVENTORY LOST RETURNS WHILE DISPLACING W/PARTIAL RETURNS AT TIMES LIFT PRESSURE TO 1800 PSI BUMP PLUG @2300 PSI NO CMT TO SURFACE. LAND MANDREL AND TEST TO 5000 PSI TEST GOOD. CLEAN BOP AND RELATED EQUIP ND WASH AND CLEAN PITS.

RELEASED ENSIGN RIG 12 ON 04/14/2008 AT 0730 HRS.

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

Name (Printed/Typed) SHEILA UPCHEGO	Title SENIOR LAND ADMIN SPECIALIST
Signature 	Date March 18, 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

APR 21 2008

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
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3a. Address 3b. Phone No. (include area code)
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 NATURAL BUTTES UNIT**

8. Well Name and No.
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9. API Well No.
4304739243

10. Field and Pool, or Exploratory Area
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11. County or Parish, State
UINTAH COUNTY, UTAH

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

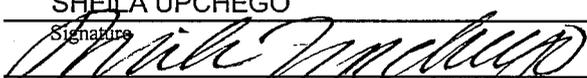
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> 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 PRODUCTION START-UP
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 05/11/2008 AT 9:00 AM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

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

Name (Printed/Typed) SHEILA UPCHEGO	Title SENIOR LAND ADMIN SPECIALIST
Signature 	Date March 18, 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	

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(Instructions on reverse)

RECEIVED

MAY 14 2008

DIV. OF OIL, GAS & MINING

WINS No.: 94945

NBU 921-13H

Start Date: 3/14/2008

AFE No.: 2007692

Operation Summary Report

End Date: 4/14/2008

Operator KERR MCGEE OIL & GAS ONSHORE LP		FIELD NAME NATURAL BUTTES	SPUD DATE 3/14/08	GL 4,854	KB 4868	ROUTE
API 4304739243	STATE UTAH	COUNTY UINTAH	DIVISION ROCKIES			
Lat./Long.: Lat./Long.: 40.03688 / -109.49263		Q-Q/Sect/Town/Range: SENE / 13 / 9S / 21E		Footages: 2,323.00' FNL 531.00' FEL		
MTD 9696	TVD 9689	LOG MD	PBMD	PBTVD		

EVENT INFORMATION: EVENT ACTIVITY: DRILLING REASON:
 OBJECTIVE: DEVELOPMENT DATE WELL STARTED/RESUMED:
 OBJECTIVE2: VERTICAL WELL Event End Status: COMPLETE

RIG OPERATIONS:	Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
ENSIGN 12 / 12	04/01/2008	04/01/2008	04/01/2008	04/03/2008	04/12/2008	04/14/2008	04/14/2008

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
3/14/2008	SUPERVISOR: LEW WELDON						
	12:00 - 17:00	5.00	DRLCON	02		P	MOVE IN AND RIG UP BUCKET RIG SPUD WELL @ 1200 HR 3/14/08 DRILL AND SET 40' OF SCHEDULE 10 PIPE DRILL RODENT HOLES FOR RIG 12 BLM AND STATE NOTIFIED OF SPUD
3/16/2008	SUPERVISOR: LEW WELDON						
	14:00 - 0:00	10.00	DRLSUR	02		P	MOVE IN AND RIG UP CRAIGS AIR RIG SPUD WELL @ 1400 HR 3/16/08 DA AT REPORT TIME
3/17/2008	SUPERVISOR: LEW WELDON						
	0:00 - 12:00		DRLSUR	02		P	RIG DRILLING AHEAD NO WATER 960'
	12:00 - 0:00		DRLSUR	02		P	RIG DRILLING AHEAD PICKED UP ALITTLE FREASH WATER @ 1020' DA AT REPORT TIME 1260'
3/18/2008	SUPERVISOR: LEW WELDON						
	0:00 - 12:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD IN SOME WATER 1490'
	12:00 - 0:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD CIRCULATING WITH SKID PUMP FULL RETURNS TO PIT 1710'
3/19/2008	SUPERVISOR: LEW WELDON						
	0:00 - 12:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD CIRCULATING WITH SKID PUMP 2010'
	12:00 - 0:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD CIRCULATING WITH SKID PUMP 2210'
3/20/2008	SUPERVISOR: LEW WELDON						
	0:00 - 12:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD CIRCULATING WITH SKID PUMP FULL RETURNS 2450'
	12:00 - 0:00	12.00	DRLSUR	02		P	RIG T/D @ 2760' CONDITION HOLE 1 HR
3/21/2008	SUPERVISOR: LEW WELDON						
	0:00 - 4:00	4.00	DRLSUR	05		P	TRIP DP OUT OF HOLE
	4:00 - 9:00	5.00	DRLSUR	11		P	RUN 2715' OF 9 5/8 CSG AND 200' OF 1" PIPE RIG DOWN AIR RIG
	9:00 - 10:00	1.00	DRLSUR	15		P	CEMENT 1ST STAGE WITH 243 SKS LEAD @ 11# 3.38 20.5 GAL SK AND 200 SKS TAIL @ 15.8 1.15 5.0 GAL/SK GOOD RETURNS TRUOUT JOB + - 20 BBL LEAD CMT TO PIT

EVENT INFORMATION:		EVENT ACTIVITY: DRILLING					REASON:	
		OBJECTIVE: DEVELOPMENT					DATE WELL STARTED/RESUMED:	
		OBJECTIVE2: VERTICAL WELL					Event End Status: COMPLETE	
RIG OPERATIONS:		Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
ENSIGN 12 / 12		04/01/2008	04/01/2008	04/01/2008	04/03/2008	04/12/2008	04/14/2008	04/14/2008
Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation	
	10:00 - 10:30	0.50	DRLSUR	15		P	1ST TOP JOB 100 SKS DOWN 1" PIPE NO CMT TO SURFACE WOC	
	10:30 - 12:30	2.00	DRLSUR	15		P	2ND TOP JOB 100 SKS DOWN BS GOOD CMT TO SURFACE AND STAYED AT SURFACE	
	12:30 - 12:30	0.00	DRLSUR				NO VISIBLE LEAKS PIT 3/4 FULL WELL WOULD NOT TAKE FLUID DURING DRILLING PROCESS RELEAS CMT CREW WORT	
4/1/2008								
SUPERVISOR: BRUCE TAYLOR								
	0:00 - 7:00	7.00	DRLPRO	01	E	P	RID DOWN FROM THE NBU 922018G AND PREPARE TO MOVE TO THE NBU 921-13H.	
	7:00 - 17:00	10.00	DRLPRO	01	B	P	MIRU ENSIGN #8, RELEASED TRUCKS @ 16:00 HRS.	
	17:00 - 0:00	7.00	DRLPRO	01	B	P	RAISE DERRICK @ 17:30 HRS. CONTINUE RIGGING UP.	
4/2/2008								
SUPERVISOR: BRUCE TAYLOR								
	0:00 - 15:00	15.00	MIRU	01	B	P	CONTINUE RIGGING UP AND NU BOP.	
	15:00 - 19:00	4.00	MIRU	13	C	P	TEST PIPE RAMS, BLIND RAMS, FLOOR VALVES, CHOKE AND ALL RELATED VALVES TO 250 AND 5000 PSI. TEST HYDRIL TO 250 AND 2500 PSI. TEST CASING TO 1500 PSI FOR 30 MINUTES. PERFORM KOOMEY UNIT VOLUME TEST, OK. INSTALL WEAR BUSHING.	
	19:00 - 20:00	1.00	PRSPD	05	A	P	HELD SAFETY MEETING WITH FRANKS, RIG UP LAY DOWN MACHINE.	
	20:00 - 0:00	4.00	PRSPD	05	A	P	PU BHA AND DP.	
4/3/2008								
SUPERVISOR: BRUCE TAYLOR								
	0:00 - 0:30	0.50	PRSPD	05	A	P	FINISH IN HOLE. RD LD MACHINE.	
	0:30 - 1:00	0.50	PRSPD	13	B	P	INSTALL ROTATING HEAD INSERT.	
	1:00 - 3:30	2.50	PRSPD	02	F	P	DRILL SHOE TRACK	
	3:30 - 4:00	0.50	DRLPRO	02	B	P	DRILL 2760'-2833' (73')	
	4:00 - 4:30	0.50	DRLPRO	09	A	P	SURVEY @ 2753' - 1.85 DEG.	
	4:30 - 15:00	10.50	DRLPRO	02	B	P	DRILL 2833'-3715' (882') 84'/HR. 14/16K WOB, 110 BIT RPM, 8.7/34	
	15:00 - 15:30	0.50	DRLPRO	09	A	P	SURVEY @ 3637' - 3.34 DEG.	
	15:30 - 16:00	0.50	DRLPRO	06	A	P	SERVICE RIG, FUNCTION TEST PIPE RAMS	
	16:00 - 0:00	8.00	DRLPRO	02	B	P	DRILL 3637'-4358' (721') 90.1'/HR. 14/17K WOB, 110 BIT RPM, 9.0/37	
4/4/2008								
SUPERVISOR: BRUCE TAYLOR								
	0:00 - 7:00	7.00	DRLPRO	02	B	P	4358'-4725' (367') 52.4'/HR. 16/18K WOB, 110 BIT RPM, 9.0/37	
	7:00 - 7:30	0.50	DRLPRO	09	A	P	SURVEY @ 4645' - 2.9 DEG.	
	7:30 - 11:30	4.00	DRLPRO	02	B	P	DRILL 4725'-5006' (281') 70.25'/HR. 16/18K WOB, 110 BIT PRM, 9.2/38	
	11:30 - 12:00	0.50	DRLPRO	06	A	P	SERVICE RIG, FUNCTION HCR.	
	12:00 - 16:00	4.00	DRLPRO	02	B	P	DRILL 5006'-5294' (288') 72'/HR. 16/18K WOB, 110 BIT RPM, 9.2/38 .. BIT WENT FROM 127'/HR. TO 2'/HR. LOST ALL DIFFERENTIAL PSI AND TORQUE. PUMP WATER PILL WITH OUT SUCCESS. TRIED UP TO 28K WOB.	
	16:00 - 21:00	5.00	DRLPRO	05	A	X	POOH FOR MOTOR, WORK THROUGH TIGHT SPOTS AT 4964' TO 4927', FINISH OUT OF HOLE. LAY DOWN MOTOR.	
	21:00 - 0:00	3.00	DRLPRO	05	A	X	PU NEW MOTOR AND NEW PDC, TIH WITH SAME.	
4/5/2008								
SUPERVISOR: BRUCE TAYLOR								

EVENT INFORMATION:	EVENT ACTIVITY: DRILLING OBJECTIVE: DEVELOPMENT OBJECTIVE2: VERTICAL WELL	REASON: DATE WELL STARTED/RESUMED: Event End Status: COMPLETE
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RIG OPERATIONS:	Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
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ENSGN 12 / 12	04/01/2008	04/01/2008	04/01/2008	04/03/2008	04/12/2008	04/14/2008	04/14/2008
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Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
	0:00 - 1:00	1.00	DRLPRO	05	A	X	TIH TO TIGHT SPOT AT 4893', LAY DOWN 9 JTS.
	1:00 - 2:30	1.50	DRLPRO	03	A	X	WASH AND REAM TIGHT SPOT FROM 4893'-BOTTOM.
	2:30 - 13:30	11.00	DRLPRO	02	B	P	DRILL 5294'-5724' (430') 39'/HR. 20/22K WOB, 100 BIT RPM, 9.3/38
	13:30 - 14:00	0.50	DRLPRO	06	A	P	RIG SERVICE, FUNCTION ANN.
	14:00 - 0:00	10.00	DRLPRO	02	B	P	DRILL 5724'-5973' (249') 24.9'/HR. 16/23K WOB, 100 BIT RPM, 9.3/38

4/6/2008
SUPERVISOR: BRUCE TAYLOR

	0:00 - 3:00	2.00	DRLPRO	02	B	P	DRILL 5973'-6008' (35') 17.5'/HR. 18/22K WOB, 110 BIT RPM, 9.4/38
	3:00 - 3:30	0.50	DRLPRO	09	A	P	SURVEY @ 5928' - 2.78 DEG.
	3:30 - 8:00	4.50	DRLPRO	02	B	P	DRILL 6008'-6094' (88') 16'/HR. 20/22K WOB, 100 BIT PRM, 9.3/38
	8:00 - 11:30	3.50	DRLPRO	05	A	P	POOH FOR NEW BIT DUE TO SLOW PENETRATION RATE.
	11:30 - 12:00	0.50	DRLPRO	06	A	P	SERVICE RIG, FUNCTION HCR.
	12:00 - 16:00	4.00	DRLPRO	05	A	P	MAKE UP Q504 AND TIH WITH SAME. WASH 40' TO BOTTOM, PACKED OFF AND LOST 15 BBLs MUD, WORK FREE.
	16:00 - 0:00	8.00	DRLPRO	02	B	P	DRILL 6094'-6542' (448') 56'/HR. 14/16K WOB, 105 BIT RPM, 9.7/38

4/7/2008
SUPERVISOR: BRUCE TAYLOR

	0:00 - 16:00	16.00	DRLPRO	02	B	P	DRILL 6542'-7200' (658') 41.1'/HR. 14/16K WOB, 110 BIT RPM, 9.8/38
	16:00 - 16:30	0.50	DRLPRO	06	A	P	SERVICE RIG, FUNCTION TEST PIPE RAMS.
	16:30 - 0:00	7.50	DRLPRO	02	B	P	DRILL 7200'-7418' (218') 29'/HR. 16/18K WOB, 110 BIT RPM, 10.0/40

4/8/2008
SUPERVISOR: BRUCE TAYLOR

	0:00 - 13:30	13.50	DRLPRO	02	B	P	drill 7418'-7923' (505') 37.4'/HR. 18/20K WOB, 110 BIT RPM, 10.3/40
	13:30 - 14:00	0.50	DRLPRO	06	A	P	SERVICE RIG
	14:00 - 23:30	9.50	DRLPRO	02	B	P	DRILL 7923'-8203' (280') 29.4'/HR. 18/20K WOB, 110 BIT RPM, 10.8/40
	23:30 - 0:00	0.50	DRLPRO	06	A	P	SERVICE RIG, FUNCTION PIPE RAMS

4/9/2008
SUPERVISOR: KENNETH GATHINGS

	0:00 - 13:30	13.50	DRLPRO	02	B	P	DRILL F/ 8203' - T/ 8550' (347' @ 25.7 fph) 45 vis / 10.8 ppg
	13:30 - 14:00	0.50	DRLPRO	06	A	P	SERVICE RIG & EQUIPMENT / FUNCTION TEST PIPE RAMS
	14:00 - 23:30	9.50	DRLPRO	02	B	P	DRILL F/ 8550' - T/ 8774' (224' @ 23.5 fph) 48 vis / 11.2 ppg

4/10/2008
SUPERVISOR: KENNETH GATHINGS

	0:00 - 12:30	12.50	DRLPRO	02	B	P	DRILL F/ 8774' - T/ 8976' (202' @ 16.1 fph) 48 vis / 11.6 ppg
	12:30 - 19:00	6.50	DRLPRO	05	A	P	MIX & PUMP WEIGHT PILL / DROP SURVEY / P.O.O.H. FOR BIT CHANGE
	19:00 - 21:30	2.50	DRLPRO	05	A	P	CHANGE OUT MOTOR & BIT / FUNCTION TEST BLIND RAMS / T.I.H. TO SHOE (2700')
	21:30 - 22:30	1.00	DRLPRO	06	D	P	SLIP & CUT 85' OF DRILL LINE
	22:30 - 23:00	0.50	DRLPRO	06	A	P	SERVICE RIG & EQUIPMENT / FUNCTION TEST PIPE RAMS
	23:00 - 0:00	1.00	DRLPRO	05	A	P	T.I.H. BREAKING CIRCULATION AS NEEDED

4/11/2008
SUPERVISOR: KENNETH GATHINGS

EVENT INFORMATION:		EVENT ACTIVITY: DRILLING					REASON:	
		OBJECTIVE: DEVELOPMENT					DATE WELL STARTED/RESUMED:	
		OBJECTIVE2: VERTICAL WELL					Event End Status: COMPLETE	
RIG OPERATIONS:		Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
ENSIGN 12 / 12		04/01/2008	04/01/2008	04/01/2008	04/03/2008	04/12/2008	04/14/2008	04/14/2008
Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation	
	0:00 - 2:30	2.50	DRLPRO	05	A	P	T.I.H. / REAM 18' TO BOTTOM W/ 5' OF FILL	
	2:30 - 12:30	10.00	DRLPRO	02	B	P	DRILL F/ 8976' - T/ 9303' (327' @ 32.7 fph) 48 vis / 11.6 ppg	
	12:30 - 13:00	0.50	DRLPRO	06	A	P	SERVICE RIG & EQUIPMENT	
	13:00 - 0:00	11.00	DRLPRO	02	B	P	DRILL F/ 9303' - T/ 9524 (221' @ 20.0 fph) 52 vis / 11.6 ppg	
4/12/2008								
SUPERVISOR: KENNETH GATHINGS								
	0:00 - 17:00	17.00	DRLPRO	02	B	P	DRILL F/ 9524' - T/ 9696' (172' @ 10.1 fph) 50 vis / 11.7 ppg (T.D. CHANGED TO 9696')	
	17:00 - 18:00	1.00	DRLPRO	05	E	P	SHORT TRIP 11 STANDS W/ NO PROBLEMS	
	18:00 - 20:00	2.00	DRLPRO	04	C	P	CIRCULATE & CONDITION HOLE FOR LAY DOWN	
	20:00 - 0:00	4.00	DRLPRO	05	B	P	PUMP WEIGHT PILL / DROP SURVEY / L.D.D.P.	
4/13/2008								
SUPERVISOR: KENNETH GATHINGS								
	0:00 - 7:00	7.00	DRLPRO	05	B	P	L.D.D.P. / BREAK KELLY / L.D.B.H.A. / PULL WEAR BUSHING / R.D.M.O. LAY DOWN EQUIPMENT	
	7:00 - 14:30	7.50	DRLPRO	08	A	P	SAFETY MEETING / M.I.R.U. HALLIBURTON EQUIPMENT / LOG WELL F/ 9696' - T/ 2737' / R.D.M.O. LOGGING EQUIPMENT	
	14:30 - 15:30	1.00	DRLPRO	11	A	P	SAFETY MEETING / M.I.R.U. CASING EQUIPMENT	
	15:30 - 22:30	7.00	DRLPRO	11	B	P	RUN 228 JTS OF 4.5 #11.6 LT&C CASING + RELATED EQUIPMENT BREAKING CIRCULATION @ SELECTED INTERVALS / TAG BOTTOM / INSTALL MANDREL - SET CASING @ 9695'	
	22:30 - 0:00	1.50	DRLPRO	04	E	P	CIRCULATE & CONDITION HOLE FOR CEMENT (10'-15' FLARE W/ BOTTOMS UP) / R.D.M.O. CASING EQUIPMENT	
4/14/2008								
SUPERVISOR: KENNETH GATHINGS								
	0:00 - 3:00	3.00	DRLPRO	15	A	P	SAFETY MEETING / TEST PUMPS & LINES TO 4000 psi / CEMENT W/ 20 BBLS MUD CLEAN / 20 SX SCAVENGER (PREM LITE + ADDITIVES @ 9.5 ppg) / 500 SX LEAD (PREM LITE + ADDITIVES @ 11.5 ppg) / 1345 SX TAIL (50/50 POZ + ADDITIVES @ 14.3 ppg) DISPLACED W/ 150 BBLS H2O + ADDITIVES / PLUG DOWN @ 03:00 HRS / FLOATS HELD W/ 1.5 BBLS RETURNED TO INVENTORY / LOST RETURNS WHILE DISPLACING W/ PARTIAL RETURNS AT TIMES / LIFT PRESSURE TO 1800 psi - BUMP PLUG @ 2300 psi / NO CEMENT TO SURFACE	
	3:00 - 3:30	0.50	DRLPRO	13	B	P	LAND MANDREL & TEST TO 5000 PSI - TEST GOOD	
	3:30 - 7:30	4.00	DRLPRO	13	A	P	CLEAN B.O.P + RELATED EQUIPMENT / NIPPLE DOWN / WASH & CLEAN PITS / RIG RELEASED @ 07:30 HRS ON 04/14/2008	

WINS No.: 94945

NBU 921-13H

Start Date: 5/1/2008

AFE No.: 2007692

Operation Summary Report

End Date:

Operator KERR MCGEE OIL & GAS ONSHORE LP		FIELD NAME NATURAL BUTTES	SPUD DATE 3/14/08	GL 4,854	KB 4868	ROUTE
API 4304739243	STATE UTAH	COUNTY UINTAH	DIVISION ROCKIES			
Lat./Long.: Lat./Long.: 40.03688 / -109.49263		Q-Q/Sect/Town/Range: SENE / 13 / 9S / 21E		Footages: 2,323.00' FNL 531.00' FEL		
MTD 9696	TVD 9689	LOG MD	PBMD	PBTVD		

EVENT INFORMATION: EVENT ACTIVITY: COMPLETION REASON: MV
 OBJECTIVE: DEVELOPMENT DATE WELL STARTED/RESUMED:
 OBJECTIVE2: ORIGINAL 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 05/01/2008

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
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5/1/2008
 SUPERVISOR: GARTH McCONKIE
 7:00 - 7:15 0.25 COMP 48 P DAY 1 - JSA & SM #1.
 7:15 - 17:00 9.75 COMP 30 A P RDMO NBU 922-18G. ROAD RIG TO NBU 921-13H. SPOT EQUIP. CALL OUT WESTROC TO REPAIR SURFACE CSG VALVE & BACK FILL AROUND WELLHEAD.
 RIG UP SERVICE UNIT. NDWH, NUBOP. RIG UP FLOOR & TBG EQUIP. PU 3 7/8" MILL, RIH ON 000 JTS NEW 2 3/8" L80 TBG. EOT @ 4636'
 17:00 SWI - SDFN. PREP WELL TO C/O TO PBTVD IN AM.

5/2/2008
 SUPERVISOR: GARTH McCONKIE
 7:00 - 7:30 0.50 COMP 48 P DAY 2 - JSA & SM #2.
 7:30 - 14:30 7.00 COMP 31 I P EOT @ 4636'. CONT. RIH W/2 3/8" TBG TO 8988'. POOH W/TBG & STD BK IN DERRICK. LD MILL. R/D WORKING FLOOR & TBG EQUIP. NDBOP, NU FRAC VALVES.
 MIRU B&C QUICK TEST. PT CSG & FRAC VALVES TO 7500 PSI. (GOOD TEST). RDMO B&C QUICK TEST.
 14:30 SWI - SDFD. PREP WELL TO FRAC W/BJ SERVICES ON MONDAY 5/5/08.

5/5/2008
 SUPERVISOR: GARTH McCONKIE
 6:30 - 7:00 0.50 COMP 48 P DAY 3 - JSA & SM #3

EVENT INFORMATION: EVENT ACTIVITY: COMPLETION
 OBJECTIVE: DEVELOPMENT
 OBJECTIVE2: ORIGINAL

REASON: MV
 DATE WELL STARTED/RESUMED:
 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

05/01/2008

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
	7:00 - 18:00	11.00	COMP	37		P	<p>WESICP = 194 PSI. MIRU CUTTERS & BJ SERVICES. STG 1) RIH W/3 3/8" EXP GNS, 23 GRM, 0.36 HOLE, 90 DEG PHSG. PERF M.V. @ 9446' - 51', 4 SPF, 9420' - 25', 4 SPF, 40 HOLES.</p> <p>WHP = 194 PSI, BRK DWN 2.6 BPM @ 4933 PSI. ISIP = 2660 PSI, FG = 0.72. PMP 200 BBLS 40 BPM @ 4800 PSI. 34/40 PERFS OPEN. MP 6870 PSI, MR 40.1 BPM, AP 5555 PSI, AR 40.1 BPM, ISIP = 3540 PSI, FG 0.81, NPI = 880 PSI. PMPD 2618 BBLS SLK WTR. 97,339 LBS TOTAL SAND. (5,555 LBS TLC @ END).</p> <p>STG 2) RIH W/3 3/8" EXP GNS, 23 GRM, 0.36 HOLE, 90 DEG PHSG. SET BAKER 8K CBP @ 9237'. PERF M.V. @ 9208' - 13', 4 SPF, 9175' - 80', 4 SPF, 40 HOLES.</p> <p>WHP = 230 PSI, BRK DWN 3.7 BPM @ 4510 PSI. ISIP = 2740 PSI, FG = 0.74. PMP 200 BBLS 50 BPM @ 6000 PSI. 27/40 PERFS OPEN. MP 6144 PSI, MR 52 BPM, AP 3958 PSI, AR 51.2 BPM, ISIP = 2980 PSI, FG 0.76, NPI = 240 PSI. PMPD 1542 BBLS SLK WTR. 54,868 LBS TOTAL SAND. (5475 LBS TLC @ END).</p> <p>STG 3) RIH W/3 3/8" EXP GNS, 23 GRM, 0.36 HOLE, 90 DEG PHSG. SET BAKER 8K CBP @ 9130'. PERF M.V. @ 9096' - 9100', 4 SPF, 9038' - 41', 4 SPF, 9019' - 22', 40 HOLES.</p> <p>WHP = 2710 PSI, BRK DWN 4.4 BPM @ 3395 PSI. ISIP = 2740 PSI, FG = 0.74. PMP 150 BBLS 50 BPM @ 5900 PSI. 29/40 PERFS OPEN. SCREENED OUT 7,000 PSI W/ 97,228 LBS TOTAL SAND ON PERFS. (1331 LBS TLC @ END). SD 3800 PSI IN 1 MIN. FLOW WELL BACK & CLEAN UP SND. SHUT WELL IN 2578 PSI. PMP FLUSH 140 BBL 11.2 BPM @ 3948 PSI.</p> <p>MP 7000 PSI, MR 50.5 BPM, AP 5836 PSI, AR 50.3 BPM, ISIP = 2900 PSI, FG 0.76, NPI = 160 PSI. PMPD 2713 BBLS SLK WTR. 97,228 LBS TOTAL SAND. (1,331 LBS TLC @ END).</p> <p>STG 4) RIH W/3 3/8" EXP GNS, 23 GRM, 0.36 HOLE, 90 DEG PHSG. SET BAKER 8K CBP @ 8935'. PERF M.V. @ 8900' - 05', 4 SPF, 8825' - 30', 4 SPF, 40 HOLES.</p> <p>WHP = 2401 PSI, BRK DWN 3.5 BPM @ 2458 PSI. ISIP = 2400 PSI, FG = 0.71. PMP 150 BBLS 40.3 BPM @ 4300 PSI. 40/40 PERFS OPEN. MP 4260 PSI, MR 41.1 BPM, AP 3934 PSI, AR 40.6 BPM, ISIP = 2810 PSI, FG 0.75, NPI = 410 PSI. PMPD 3,139 BBLS SLK WTR. 118,921 LBS TOTAL SAND. (5,333 LBS TLC @ END).</p> <p>STG 5) RIH W/3 3/8" EXP GNS, 23 GRM, 0.36 HOLE, 90 DEG PHSG. SET BAKER 8K CBP @ 8724'. PERF M.V. @ 8690' - 8700', 4 SPF, 40 HOLES.</p> <p>WHP = 2422 PSI, BRK DWN 2.7 BPM @ 2630 PSI. ISIP = 2470 PSI, FG = 0.72. PMP 200 BBLS 40 BPM @ 4300 PSI. 40/40 PERFS OPEN. MP 4515 PSI, MR 40.4 BPM, AP 4135 PSI, AR 40.3 BPM, ISIP = 2830 PSI, FG 0.76, NPI = 360 PSI. PMPD 1571 BBLS SLK WTR. 56,567 LBS TOTAL SAND. (5,146 LBS TLC @ END).</p> <p>18:00 SWI - SDFN. PREP WELL TO CONT. FRAC W/BJ IN AM.</p>

5/6/2008

SUPERVISOR: GARTH McCONKIE

6:30 - 6:45

0.25

COMP

48

P

DAY 4 - JSA & SM #4

EVENT INFORMATION: EVENT ACTIVITY: COMPLETION REASON: MV
 OBJECTIVE: DEVELOPMENT DATE WELL STARTED/RESUMED:
 OBJECTIVE2: ORIGINAL 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

05/01/2008

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
	6:45 - 17:30	10.75	COMP	36	B	P	<p>ONSICP = 0 PSI.</p> <p>STG 6) RIH W/3 3/8" EXP GNS, 23 GRM, 0.36 HOLE, 90 DEG PHSG. SET BAKER 8K CBP @ 8626'. PERF M.V. @ 8592' - 96', 4 SPF, 8564' - 68', 4 SPF, 8533' - 35', 4 SPF, 40 HOLES.</p> <p>WHP = 2260 PSI, BRK DWN 3 BPM @ 2410 PSI. ISIP = 2200 PSI, FG = 0.69. PMP 100 BBLS 40 BPM @ 4250 PSI. 30/40 PERFS OPEN.</p> <p>MP 4270 PSI, MR 41.1 BPM, AP 3941 PSI, AR 41 BPM, ISIP = 2780 PSI, FG 0.69, NPI = 580 PSI. PMPD 2033 BBLS SLK WTR. 72,734 LBS TOTAL SAND. (5,269 LBS TLC @ END).</p> <p>STG 7) RIH W/3 3/8" EXP GNS, 23 GRM, 0.36 HOLE, 90 DEG PHSG. SET BAKER 8K CBP @ 8626'. PERF M.V. @ 8416' - 20', 4 SPF, 8386' - 89', 4 SPF, 8358' - 60', 8322' - 24', 4 SPF, 44 HOLES.</p> <p>WHP = 2450 PSI, BRK DWN 3 BPM @ 3288 PSI. ISIP = 2540 PSI, FG = 0.74. PMP 300 BBLS 48 BPM @ 5400 PSI. 31/44 PERFS OPEN.</p> <p>MP 6530 PSI, MR 50.7 BPM, AP 5633 PSI, AR 49.8 BPM, ISIP = 2865 PSI, FG 0.78, NPI = 325 PSI. PMPD 2421 BBLS SLK WTR. 91,015 LBS TOTAL SAND. (3,528 LBS TLC @ END).</p> <p>STG 8) RIH W/3 3/8" EXP GNS, 23 GRM, 0.36 HOLE, 90 DEG PHSG. SET BAKER 8K CBP @ 8265'. PERF M.V. @ 8225' - 35', 4 SPF, 40 HOLES.</p> <p>WHP = 228 PSI, BRK DWN 3 BPM @ 5166 PSI. ISIP = 2640 PSI, FG = 0.76. PMP 225 BBLS 45 BPM @ 4200 PSI. 35/40 PERFS OPEN.</p> <p>MP 5565 PSI, MR 47.6 BPM, AP 4872 PSI, AR 45 BPM, ISIP = 2790 PSI, FG 0.78, NPI = 150 PSI. PMPD 957 BBLS SLK WTR. 33,143 LBS TOTAL SAND. (3,143 LBS TLC @ END).</p> <p>STG 9) RIH W/3 3/8" EXP GNS, 23 GRM, 0.36 HOLE, 90 DEG PHSG. SET BAKER 8K CBP @ 8048'. PERF M.V. @ 8018' - 23', 4 SPF, 7931' - 36', 4 SPF, 40 HOLES.</p> <p>WHP = 156 PSI, BRK DWN 3 BPM @ 4637 PSI. ISIP = 1900 PSI, FG = 0.68. PMP 340 BBLS 47.6 BPM @ 4700 PSI. 25/40 PERFS OPEN.</p> <p>MP 5266 PSI, MR 51.3 BPM, AP 4542 PSI, AR 49.3 BPM, ISIP = 2560 PSI, FG 0.76, NPI = 660 PSI. PMPD 3005 BBLS SLK WTR. 108,085 LBS TOTAL SAND. (3,915 LBS TLC @ END).</p> <p>KILL PLUG) RIH W/BAKER 8K CBP & SET @ 7880.</p> <p>ND FRAC VALVES & NUBOP. 17:30 SWI - SDFN. PREP WELL TO DRLG OUT CPB IN AM.</p>

5/7/2008

SUPERVISOR: GARTH McCONKIE

7:00 - 7:15 0.25 COMP 48 P DAY 5 - JSA & SM #5.

EVENT INFORMATION: EVENT ACTIVITY: COMPLETION REASON: MV
 OBJECTIVE: DEVELOPMENT DATE WELL STARTED/RESUMED:
 OBJECTIVE2: ORIGINAL 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 05/01/2008

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
	7:15 - 17:00	9.75	COMP	44	C	P	<p>P/U 3 7/8" BIT, POBS & XN NIPPLE. RIH ON NEW 2 3/8" L80 TBG. TAG CBP @ 7880'. R/U PWR SWVL & PMP. P.T. BOP'S TO 3000 PSI. EST. CIRC. W/2% KCL WTR.</p> <p>CBP #1) DRLG OUT BAKER 8K CBP @ 7880' IN 10 MIN. 1300 LBS DIFF. PSI. RIH, TAG SND @ 7831'. C/O 30' OF SND. FCP = 175 PSI.</p> <p>CBP #2) DRLG OUT BAKER 8K CBP @ 8053' IN 10 MIN. 600 LBS DIFF. PSI. RIH, TAG SND @ 8023'. C/O 30' OF SND. FCP = 225 PSI.</p> <p>CBP #3) DRLG OUT BAKER 8K CBP @ 8264' IN 10 MIN. 700 LBS DIFF. PSI. RIH, TAG SND @ 8234'. C/O 25' OF SND. FCP = 250 PSI.</p> <p>CBP #4) DRLG OUT BAKER 8K CBP @ 8450' IN 10 MIN. 500 LBS DIFF. PSI. RIH, TAG SND @ 8425'. C/O 26' OF SND. FCP = 275 PSI.</p> <p>CBP #5) DRLG OUT BAKER 8K CBP @ 8626' IN 10 MIN. 400 LBS DIFF. PSI. RIH, TAG SND @ 8600'. C/O 30' OF SND. FCP = 275 PSI.</p> <p>CBP #6) DRLG OUT BAKER 8K CBP @ 8730' IN 10 MIN. 200 LBS DIFF. PSI. RIH, TAG SND @ 8700'. C/O 45' OF SND. FCP = 275 PSI.</p> <p>CBP #7) DRLG OUT BAKER 8K CBP @ 8935' IN 10 MIN. 400 LBS DIFF. PSI. RIH, TAG SND @ 8890'. C/O 22' OF SND. FCP = 300 PSI.</p> <p>CBP #8) DRLG OUT BAKER 8K CBP @ 9130' IN 10 MIN. 200 LBS DIFF. PSI. RIH, TAG SND @ 9108'. C/O 20' OF SND. FCP = 300 PSI.</p> <p>CBP #9) DRLG OUT BAKER 8K CBP @ 9237' IN 10 MIN. 400 LBS DIFF. PSI. RIH, TAG SND @ 9480'. C/O 191' OF SND. FCP = 300 PSI. EOT @ 9669', PBD @ 9671'. CIRC WELL CLEAN. R/D PWR SWVL.</p> <p>POOH & L/D 29 JTS TBG ON FLOAT, (39 JTS TOTAL). LAND TBG ON HANGER W/275 JTS NEW 2 3/8" L80 TBG. EOT @ 8733.70' + POBS & XN NIPPLE @ 8750.73'. R/D FLOOR & TBG EQUIP. NDBOP, DROP BALL, NUWH. PMP OFF BIT @ 3100 PSI. WAIT 30 MIN. FOR BIT TO FALL TO BTM. TURN WELL OVER TO FBC. SICP = 1850 PSI. FTP = 200 PSI. 15911 BBLs LTR.</p> <p>17:00 SDFN</p>
5/8/2008							
	SUPERVISOR: GARTH McCONKIE						
	7:00 -			33	A		<p>7 AM REPORT: CP 1700#, TP 1475#, 20/64" CK, 69 BWPH, TRACE SAND, LIGHT GAS TTL BBLs RECOVERED: 5645 BBLs LEFT TO RECOVER: 14,666</p>
5/9/2008							
	SUPERVISOR: DON DEHERRERA						
	7:00 -			33	A		<p>7 AM REPORT: CP 1650#, TP 1725#, 20/64" CK, 65 BWPH, TRACE SAND, LIGHT GAS TTL BBLs RECOVERED: 7395 BBLs LEFT TO RECOVER: 12,916</p>

Wins No.: 94945**NBU 921-13H****API No.: 4304739243**

EVENT INFORMATION:	EVENT ACTIVITY: COMPLETION	REASON: MV
	OBJECTIVE: DEVELOPMENT	DATE WELL STARTED/RESUMED:
	OBJECTIVE2: ORIGINAL	Event End Status:

RIG OPERATIONS:	Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
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MILES 2 / 2

05/01/2008

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
5/10/2008							
	SUPERVISOR: DON DEHERRERA 7:00 -			33	A		7 AM REPORT: CP 1525#, TP 1925#, 20/64" CK, 60 BWPH, TRACE SAND, LIGHT GAS TTL BBLS RECOVERED: 8910 BBLS LEFT TO RECOVER: 11,401
5/11/2008							
	SUPERVISOR: DON DEHERRERA 7:00 -			33	A		7 AM REPORT: CP 1550#, TP 2050#, 20/64" CK, 45 BWPH, TRACE SAND, LIGHT GAS TTL BBLS RECOVERED: 10,075 BBLS LEFT TO RECOVER: 10,236
5/12/2008							
	SUPERVISOR: DON DEHERRERA 7:00 -			33	A		7 AM REPORT: CP 1650#, TP 2025#, 20/64" CK, 35 BWPH, CLEAN, 1800 MCFD TTL BBLS RECOVERED: 10,935 BBLS LEFT TO RECOVER: 9376

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU-01193

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

6. If Indian, Allottee or Tribe Name
TRIBAL SURFACE

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

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

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

8. Lease Name and Well No.
NBU 921-13H

4. Location of Well (Report locations clearly and in accordance with Federal requirements) *

At surface **SE/NE 2323'FNL, 531'FEL**

9. API Well No.
4304739243

At top prod. interval reported below

10. Field and Pool, or Exploratory
NATURAL BUTTES

At total depth

11. Sec., T., R., M., or Block and Survey or Area **SEC. 13, T9S, R21E**

14. Date Spudded **03/14/08**
15. Date T.D. Reached **04/12/08**
16. Date Completed **05/11/08**
 D & A Ready to Prod.

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

17. Elevations (DF, RKB, RT, GL)*
4856'GL

18. Total Depth: MD **9696'** TVD
19. Plug Back T.D.: MD **9671'** TVD
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL-CCL-GR, SD, DSN, HRI
22. Was well cored? No Yes (Submit copy)
Was DST run? No Yes (Submit copy)
Directional Survey? No Yes (Submit copy)

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20"	14"	36.7#		40'		28 SX			
12 1/4"	9 5/8"	36#		2760'		643 SX			
7 7/8"	4 1/2"	11.6#		9696'		1845 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"	8734'							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	7931'	9451'	7931'-9451'	0.36	364	OPEN
B) WSMVD						
C)						
D)						

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

Depth Interval	Amount and type of Material
7931'-9451'	PMP 20,113 BBLS SLICK H2O & 729,900# 30/50 SD

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
05/11/08	05/16/08	24	→	125	2,280	681			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. #	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
18/64	1523#	2348#	→	125	2280	681			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. SI	Csg. Press. #	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
			→						

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

RECEIVED

JUN 09 2008

DIV. OF OIL, GAS & MINING

28b. Production - Interval C

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

28c. Production - Interval D

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

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

SOLD

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
WASATCH MESAVERDE	5041' 7903'	7903'			

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 SENIOR LAND ADMIN SPECIALIST

Signature  Date 06/03/08

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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.
UTU-01193

6. If Indian, Allottee or Tribe Name

TRIBAL SURFACE

SUBMIT IN TRIPLICATE - Other instructions on page 2.

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, UTAH 84078

3b. Phone No. (include area code)
435.781.7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SE/NE SEC. 13, T9S, R21E 2323'FNL, 531'FEL

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

8. Well Name and No.
NBU 921-13H

9. API Well No.
4304739243

10. Field and Pool or Exploratory Area
NATURAL BUTTES

11. Country or Parish, State
UINTAH COUNTY, UTAH

12. CHECK THE 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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must 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 must be filed once testing has been completed. Final Abandonment Notices must 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 TO RECOMPLETE THE SUBJECT WELL LOCATION. THE OPERATOR PROPOSES TO COMPLETE THE WASATCH FORMATION. THE OPERATOR WILL COMMINGLE THE NEWLY WASATCH FORMATION, ALONG WITH THE EXISTING MESAVERDE FORMATIONS.

PLEASE REFER TO THE ATTACHED RECOMPLETION PROCEDURE.

COPY SENT TO OPERATOR

Date: 2.24.2009

Initials: KS

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

Name (Printed/Typed)
SHEILA UPCHEGO

Title REGULATORY ANALYST

Signature

Date 02/02/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Pet. Eng.

Date

2/17/09

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

DOG M

Federal Approval Of This
Action Is Necessary

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 page 2)

* Cause 173-14

RECEIVED

FEB 04 2009

Name: NBU 921-13H
Location: SE NE Sec. 13 9S 21E
 Uintah County, UT
Date: 01/22/09

ELEVATIONS: 4854 GL 4868 KB

TOTAL DEPTH: 9695 **PBTD:** 9671
SURFACE CASING: 9 5/8", 36# J-55 ST&C @ 2742'
PRODUCTION CASING: 4 1/2", 11.6#, I-80 LT&C @ 9695'
 Marker Joint 5015-5030'

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:

1744' Green River
 2055' Birdsnest
 2529' Mahogany
 5041' Wasatch
 7903' Mesaverde
 Estimated T.O.C. from CBL @6200

GENERAL:

- A minimum of 15 tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Halliburtons Induction-Density-Neutron log dated 04/13/08
- 6 fracturing stages required for coverage.
- Procedure calls for 7 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 6200 psi.
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). DO NOT OVERDISPLACE. Stage acid and scale inhibitor if necessary to cover the next perforated interval.
- Service companies need to provide surface/production annulus pop-offs to be set for 1500 psi for each frac.

- Pump resin coated sand last 5,000# of all frac stages
- Tubing Currently Landed @~8751
- Originally completed on 05/05/08

Existing Perforations:

Zone	From	To	SPF	# of Shots
Mesaverde	7931	7939	4	20
Mesaverde	8018	8023	4	20
Mesaverde	8225	8235	4	40
Mesaverde	8322	8324	4	8
Mesaverde	8358	8360	4	8
Mesaverde	8386	8389	4	12
Mesaverde	8416	8420	4	16
Mesaverde	8533	8535	4	8
Mesaverde	8564	8568	4	16
Mesaverde	8592	8596	4	16
Mesaverde	8690	8700	4	40
Mesaverde	8825	8830	4	20
Mesaverde	8900	8905	4	20
Mesaverde	9019	9022	4	12
Mesaverde	9038	9041	4	12
Mesaverde	9096	9100	4	16
Mesaverde	9175	9180	4	20
Mesaverde	9208	9213	4	20
Mesaverde	9420	9425	4	20
Mesaverde	9446	9451	4	20

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#, N-80 tubing (currently landed at ~8751'). Visually inspect for scale and consider replacing if needed.
3. If tbg looks ok consider running a gauge ring to 7902 (50' below proposed CBP). Otherwise P/U a mill and C/O to 7902 (50' below proposed CBP).
4. Set 8000 psi CBP at ~ 7852'. 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
WASATCH	7714	7716	4	8

WASATCH	7768	7770	4	8
WASATCH	7802	7804	4	8
WASATCH	7818	7822	4	16

6. Breakdown perfs and establish injection rate (include scale inhibitor in fluid). Spot 250 gals of 15% HCL and let soak 5-10 min. Fracture as outlined in Stage 1 on attached listing. Under-displace to ~7664' and trickle 250gal 15%HCL w/ scale inhibitor in flush .

7. Set 8000 psi CBP at ~7245'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
WASATCH	7039	7041	4	8
WASATCH	7074	7076	4	8
WASATCH	7142	7146	4	16
WASATCH	7213	7215	4	8

8. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~6989' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

9. Set 8000 psi CBP at ~6780'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	6645	6647	4	8
WASATCH	6678	6680	4	8
WASATCH	6732	6734	4	8
WASATCH	6746	6750	4	16

10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~6595' trickle 250gal 15%HCL w/ scale inhibitor in flush.

11. Set 8000 psi CBP at ~6300'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	6126	6128	4	8
WASATCH	6172	6174	4	8
WASATCH	6196	6200	4	16
WASATCH	6266	6270	4	16

12. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 4 on attached listing. Under-displace to ~6106' and trickle 250gal 15%HCL w/ scale inhibitor in flush. Note tight spacing between stages 4 & 5.

13. Set 8000 psi CBP at ~6088'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	6002	6006	4	16
WASATCH	6052	6058	4	24

14. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 5 on attached listing. Under-displace to ~5952' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

15. Set 8000 psi CBP at ~5796'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
------	------	----	-----	------------

WASATCH	5678	5682	4	16
WASATCH	5760	5766	4	24

16. Breakdown perms and establish injection rate. Fracture as outlined in Stage 6 on attached listing. Under-displace to ~5628' and flush only with recycled water.
17. Set 8000 psi CBP at~5628'.
18. TIH with 3 7/8" mill, pump-off sub, SN and tubing.
19. Mill plugs and clean out to PDTD. Land tubing at $\pm 9145'$ and pump off bit unless indicated otherwise by the well's behavior. This well will be commingled at this time.
20. RDMO
21. Clean out well with foam and/or swabbing unit until steady flow has been established from recomplete.

**For design questions, please call
Sarah Schaftenaar, Denver, CO
(303)-895-5883 (Cell)
(720)-929-6605 (Office)**

**For field implementation questions, please call
Robert Miller, Vernal, UT
4350781 7041 (Office)**

NOTES:

NBU 921-13H
Perforation and CBP Summary

Stage	Zones	Perforations		SPF	Holes	Fracture Coverage		
		Top, ft	Bottom, ft					
1	WASATCH	7714	7716	4	8	7587.5	to	7587.5
	WASATCH	7768	7770	4	8	7672.5	to	7672.5
	WASATCH	7802	7804	4	8	7695	to	7695
	WASATCH	7818	7822	4	16	7698	to	7698
	WASATCH		No perfs			7711	to	7720
	WASATCH		No perfs			7764	to	7764
	WASATCH		No perfs			7769	to	7769
	WASATCH		No perfs			7793	to	7793.5
	WASATCH		No perfs			7803.5	to	7804
	WASATCH		No perfs			7817.5	to	7825.5
	WASATCH		No perfs			7827	to	7827
	WASATCH		No perfs			7828	to	7830.5
	# of Perfs/stage				40	CBP DEPTH	7,245	
2	WASATCH	7039	7041	4	8	7018	to	7018
	WASATCH	7074	7076	4	8	7021	to	7021
	WASATCH	7142	7146	4	16	7039	to	7040.5
	WASATCH	7213	7215	4	8	7075.5	to	7075.5
	WASATCH		No perfs			7110.5	to	7110.5
	WASATCH		No perfs			7133.5	to	7134.5
	WASATCH		No perfs			7137	to	7154.5
	WASATCH		No perfs			7215	to	7215
	WASATCH		No perfs			7230.5	to	7231
	WASATCH		No perfs			7254.5	to	7254.5
	# of Perfs/stage				40	CBP DEPTH	6,780	
3	WASATCH	6645	6647	4	8	6608.5	to	6608.5
	WASATCH	6678	6680	4	8	6645.5	to	6646
	WASATCH	6732	6734	4	8	6678.5	to	6679.5
	WASATCH	6746	6750	4	16	6732	to	6734
	WASATCH		No perfs			6742.5	to	6743
	WASATCH		No perfs			6744	to	6744.5
	WASATCH		No perfs			6749	to	6749.5
	WASATCH		No perfs			6765.5	to	6767
	# of Perfs/stage				40	CBP DEPTH	6,300	
4	WASATCH	6126	6128	4	8	6126	to	6128
	WASATCH	6172	6174	4	8	6169.5	to	6174
	WASATCH	6196	6200	4	16	6175.5	to	6176
	WASATCH	6266	6270	4	16	6184	to	6194
	WASATCH		No perfs			6195	to	6200.5
	WASATCH		No perfs			6201.5	to	6201.5
	WASATCH		No perfs			6267	to	6269.5
	# of Perfs/stage				48	CBP DEPTH	6,088	
5	WASATCH	6002	6006	4	16	5992	to	6008
	WASATCH	6052	6058	4	24	6010.5	to	6021
	WASATCH		No perfs			6051	to	6070.5
	# of Perfs/stage				40	CBP DEPTH	5,796	
6	WASATCH	5678	5682	4	16	5677	to	5683
	WASATCH	5760	5766	4	24	5685.5	to	5689.5
	WASATCH		No perfs			5749.5	to	5757.5
	WASATCH		No perfs			5758.5	to	5767.5
	# of Perfs/stage				40	CBP DEPTH	5,628	
	Totals				248			

NBU 921-13H
Perforation and CBP Summary

Stage	Zones	Perforations		SPF	Holes	Fracture Coverage		
		Top, ft	Bottom, ft					
1	WASATCH	7714	7716	4	8	7587.5	to	7587.5
	WASATCH	7768	7770	4	8	7672.5	to	7672.5
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	WASATCH	7818	7822	4	16	7698	to	7698
	WASATCH		No perfs			7711	to	7720
	WASATCH		No perfs			7764	to	7764
	WASATCH		No perfs			7769	to	7769
	WASATCH		No perfs			7793	to	7793.5
	WASATCH		No perfs			7803.5	to	7804
	WASATCH		No perfs			7817.5	to	7825.5
	WASATCH		No perfs			7827	to	7827
	WASATCH		No perfs			7828	to	7830.5
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	WASATCH	7142	7146	4	16	7039	to	7040.5
	WASATCH	7213	7215	4	8	7075.5	to	7075.5
	WASATCH		No perfs			7110.5	to	7110.5
	WASATCH		No perfs			7133.5	to	7134.5
	WASATCH		No perfs			7137	to	7154.5
	WASATCH		No perfs			7215	to	7215
	WASATCH		No perfs			7230.5	to	7231
	WASATCH		No perfs			7254.5	to	7254.5
	# of Perfs/stage				40	CBP DEPTH	6,780	
3	WASATCH	6645	6647	4	8	6608.5	to	6608.5
	WASATCH	6678	6680	4	8	6645.5	to	6646
	WASATCH	6732	6734	4	8	6678.5	to	6679.5
	WASATCH	6746	6750	4	16	6732	to	6734
	WASATCH		No perfs			6742.5	to	6743
	WASATCH		No perfs			6744	to	6744.5
	WASATCH		No perfs			6749	to	6749.5
	WASATCH		No perfs			6765.5	to	6767
	# of Perfs/stage				40	CBP DEPTH	6,300	
4	WASATCH	6126	6128	4	8	6126	to	6128
	WASATCH	6172	6174	4	8	6169.5	to	6174
	WASATCH	6196	6200	4	16	6175.5	to	6176
	WASATCH	6266	6270	4	16	6184	to	6194
	WASATCH		No perfs			6195	to	6200.5
	WASATCH		No perfs			6201.5	to	6201.5
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	# of Perfs/stage				40	CBP DEPTH	5,628	
	Totals				248			

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.
UTU-01193

6. If Indian, Allottee or Tribe Name
TRIBAL SURFACE

SUBMIT IN TRIPLICATE - Other instructions on page 2.

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, UTAH 84078

3b. Phone No. (include area code)
435.781.7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SE/NE SEC. 13, T9S, R21E 2323/FNL, 531/FEL

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

8. Well Name and No.
NBU 921-13H

9. API Well No.
4304739243

10. Field and Pool or Exploratory Area
NATURAL BUTTES

11. Country or Parish, State
UINTAH COUNTY, UTAH

12. CHECK THE 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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must 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 must be filed once testing has been completed. Final Abandonment Notices must 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 HAS PERFORMED THE RECOMPLETION ON THE SUBJECT WELL LOCATION. THE OPERATOR HAS TO COMPLETED THE WASATCH FORMATION. THE OPERATOR HAS COMMINGLED THE NEWLY WASATCH FORMATION, ALONG WITH THE EXISTING MESAVERDE FORMATIONS.

PLEASE REFER TO THE ATTACHED RECOMPLETION CHRONOLOGICAL WELL HISTORY.

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

Name (Printed/Typed)
SHEILA UPCHEGO

Title REGULATORY ANALYST

Signature 

Date 02/27/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

Office _____

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.

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

RECEIVED
MAR 04 2009

ROCKIES

Operation Summary Report

Well: NBU 921-13H	Spud Conductor: 3/14/2008	Spud Date: 3/16/2008
Project: UTAH	Site: UINTAH	Rig Name No: MILES 3/3
Event: RECOMPLETION	Start Date: 2/18/2009	End Date: 2/24/2009
Active Datum: RKB @4,868.00ft (above Mean Sea Level)		UWI: NBU 921-13H

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
2/18/2009	7:00 - 7:15	0.25	COMP	48		P		DAY 1 - JSA & SM #1 RDMO NBU 922-18G. ROAD RIG TO NBU 921-13H. MIRU SERVICE UNIT. MIRU DELSCO SLICKLINE. RIH W/RETRIEVING HEAD & PULL STANDING VALVE. NO STANDING VALVE IN WELL. TAG FILL @ 9648'. RDMO DELSCO SLICKLINE. BLOW DWN WELL. NDWH, NU BOP. R/U FLOOR & TBG EQUIP. L/D HANGER & 1 JT TBG, (HANGER GAULDED ONTO TOP JT OF TBG). POOH W/274 JTS USED 2 3/8" 4.7# J55 TBG. L/D XN NIPPLE & NOTCHED COLLAR. 15:30 SWI - SDFN.
	7:15 - 15:30	8.25	COMP	30	A	P		
2/19/2009	7:00 - 7:15	0.25	COMP	48		P		DAY 2 - JSA & SM #2 WHP = 500 PSI. BLOW DWN WELL. PMP 20 BBLs 2% KCL WTR TO KILL WELL. R/D TBG EQUIP. & FLOOR. NDBOP, NU FRAC VALVES. MIRU CUTTERS WIRELINE. RIH W/GUAGE RING TO 7902'. CSG CLEAN. POOH & L/D GUAGE RING. RIH & SET BAKER 8K CBP @ 7856'. POOH W/WIRELINE. FILL CSG W/2% KCL WTR. MIRU B & C QUICK TEST. PT CSG & FRAC VALVES TO 6200 PSI. (5800 PSI ON CSG, PSI DROPPED TO 0 PSI IMMEDIATELY). RIG UP CUTTERS. RIH W/SINKER BAR TO TAG PLUG @ 7856'. PLUG IN PLACE @ 7856'. POOH W/WIRELINE. RIH W/BAKER 10K CBP & SET @ 7853'. POOH W/WIRELINE. R/U B & C QUICK TEST. PT CSG & FRAC VALVES TO 6200 PSI. (GOOD TEST) RDMO B & C QUICK TEST. STG #1) RIH W/3 3/8" EXP GNS, 23 GRM, 0.36 HOLES, 120 DEG PHSG. PERF THE WASATCH @ 7818' - 22', 4 SPF, 7802' - 04', 4 SPF, 7768' - 70', 4 SPF, 7714' - 16', 4 SPF, 40 HOLES. POOH & L/D WIRELINE TOOLS. RDMO CUTTERS WIRELINE. 16:30 - SWI - SDFWE. PREP WELL TO PERF & FRAC 6 STGS ON MONDAY 02/23/09. HSM. FRACING & PERFORATING
	7:15 - 16:30	9.25	COMP	34	G	P		
2/23/2009	6:30 - 7:00	0.50	COMP	48		P		

ROCKIES

Operation Summary Report

Well: NBU 921-13H		Spud Conductor: 3/14/2008		Spud Date: 3/16/2008	
Project: UTAH		Site: UINTAH		Rig Name No: MILES 3/3	
Event: RECOMPLETION		Start Date: 2/18/2009		End Date: 2/24/2009	
Active Datum: RKB @4,868.00ft (above Mean Sea Level)			UWI: NBU 921-13H		

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
	7:00 - 7:30	0.50	COMP	36	B	P		PRESURE TEST PUMPS & LINES TO 7,216 PSI. STG 1) WHP 150 PSI, BRK 2,697 @ 4.8 BPM, ISIP 1,766 PSI, FG .67. PUMP 100 BBLs @ 53 BPM @ 4,800 PSI = 65% OF HOLES OPEN. MP 6,148 PSI, MR 53.1 BPM, AP 4,416 PSI, AR 47.7 BPM, ISIP 2,757 PSI, FG .80. NPI 991 PSI. PMPD 870 BBLs SW & 16,500 LBS OF 30/50 SAND & 5,000 LBS OF 20/40 RESIN SAND. TOTAL PROP 21,500 LBS.
	7:30 - 9:05	1.58	COMP	36	B	P		STG 2) PU 4 1/2" CBP & 3 3/8" EXP GNS, 23 GRM, .36 HOLES, 90 DEG PHASING. RIH SET 8K CBP @ 7,245' & PERF 7,213' - 15' 4SPF, 7,142' - 46' 4SPF, 7,074' - 76' 4SPF, 7,039' - 41' 4SPF, 40 HOLES. WHP 176 PSI, BRK 3,096 @ 4.8 BPM, ISIP 1,165 PSI, FG .61. PUMP 100 BBLs @ 51.3 BPM @ 4,200 PSI = 68% OF HOLES OPEN. MP 4,326 PSI, MR 52.4 BPM, AP 3,521 PSI, AR 47.8 BPM, ISIP 1,992 PSI, FG .72. NPI 827 PSI. PMPD 758 BBLs SW & 19,387 LBS OF 30/50 SAND & 5,000 LBS OF 20/40 RESIN SAND. TOTAL PROP 24,387 LBS.
	9:05 - 10:20	1.25	COMP	36	B	P		STG 3) PU 4 1/2" CBP & 3 3/8" EXP GNS, 23 GRM, .36 HOLES, 90 DEG PHASING. RIH SET 8K CBP @ 6,780' & PERF 6,746' - 50' 4SPF, 6,732' - 34' 4SPF, 6,678' - 80' 4SPF, 6,645' - 47' 4SPF, 40 HOLES. WHP 175 PSI, BRK 3,912 @ 4.8 BPM, ISIP 1,117 PSI, FG .61. PUMP 100 BBLs @ 51.1 BPM @ 3,600 PSI = 87% OF HOLES OPEN. MP 5,430 PSI, MR 52.3 BPM, AP 3,282 PSI, AR 52 BPM, ISIP 1,410 PSI, FG .65. NPI 293 PSI. PMPD 541 BBLs SW & 11,352 LBS OF 30/50 SAND & 5,000 LBS OF 20/40 RESIN SAND. TOTAL PROP 16,352 LBS.
	10:20 - 11:40	1.33	COMP	36	B	P		STG 4) PU 4 1/2" CBP & 3 3/8" EXP GNS, 23 GRM, .36 HOLES, 90 DEG PHASING. RIH SET 8K CBP @ 6,300' & PERF 6,266' - 70' 4SPF, 6,196' - 6,200' 4SPF, 6,172' - 74' 4SPF, 6,126' - 28' 4SPF, 48 HOLES. WHP 107 PSI, BRK 1,381 @ 4.0 BPM, ISIP 1,056 PSI, FG .61. PUMP 100 BBLs @ 52.1 BPM @ 2,550 PSI = 100% OF HOLES OPEN. MP 3,245 PSI, MR 53.4 BPM, AP 2,441 PSI, AR 52.6 BPM, ISIP 1,142 PSI, FG .63. NPI 86 PSI. PMPD 1,128 BBLs SW & 34,181 LBS OF 30/50 SAND & 5,000 LBS OF 20/40 RESIN SAND. TOTAL PROP 39,181 LBS.

ROCKIES

Operation Summary Report

Well: NBU 921-13H		Spud Conductor: 3/14/2008		Spud Date: 3/16/2008	
Project: UTAH		Site: UINTAH		Rig Name No: MILES 3/3	
Event: RECOMPLETION		Start Date: 2/18/2009		End Date: 2/24/2009	
Active Datum: RKB @4,868.00ft (above Mean Sea Level)			UWI: NBU 921-13H		

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
	11:40 - 13:10	1.50	COMP	36	B	P		STG 5) PU 4 1/2" CBP & 3 3/8" EXP GNS, 23 GRM, .36 HOLES, 90 DEG PHASING. RIH SET 8K CBP @ 6,088' & PERF 6,052' - 58' 4SPF, 6,002' - 06' 4SPF, 40 HOLES. WHP 800 PSI, BRK 1,294 @ 4.5 BPM, ISIP 928 PSI, FG .60. PUMP 100 BBLs @ 53 BPM @ 2,600 PSI = 100% OF HOLES OPEN. MP 3,658 PSI, MR 54.8 BPM, AP 2,755 PSI, AR 54.1 BPM, ISIP 1,571 PSI, FG .70. NPI 643 PSI. PMPD 2,140 BBLs SW & 73,434 LBS OF 30/50 SAND & 5,000 LBS OF 20/40 RESIN SAND. TOTAL PROP 78,434 LBS.
	13:10 - 14:30	1.33	COMP	36	B	P		STG 6) PU 4 1/2" CBP & 3 3/8" EXP GNS, 23 GRM, .36 HOLES, 90 DEG PHASING. RIH SET 8K CBP @ 5,796' & PERF 5,760' - 66' 4SPF, 5,678' - 82' 4SPF, 40 HOLES. WHP 320 PSI, BRK 1,713 @ 6.0 BPM, ISIP 1,031 PSI, FG .62. PUMP 100 BBLs @ 51 BPM @ 2,600 PSI = 100% OF HOLES OPEN. MP 3,530 PSI, MR 54.8 BPM, AP 2,652 PSI, AR 54.2 BPM, ISIP 1,410 PSI, FG .69. NPI 379 PSI. PMPD 1,464 BBLs SW & 65,600 LBS OF 30/50 SAND & NO 20/40 RESIN SAND. TOTAL PROP 65,600 LBS. SAND BELT QUITE RUNNING COULD NOT GET RESIN SAND IN. SAND VOLUME WAS OFF BY 13%.
	14:30 - 17:00	2.50	COMP	34	I	P		KILL PLG PU 4 1/2" 8K BAKER CBP RIH SET @ 5,628'. RDMO WEATHERFORD & CUTTERS. ND FRAC VALVES NU BOP. SWI SDFN HSM. DRILLING CBP
2/24/2009	7:00 - 7:30	0.50	COMP	48		P		SICP 0 PSI. PU 3 7/8" BIT POBS & SN. & 177 JTS OF 2 3/8" L-80. RU POWER SWIVEL & BRK CIRC W/ 2% KCL WATER. RIH
	7:30 - 17:00	9.50	COMP	44	C	P		C/O 30' OF SAND TAG PLG 1 @ 5,628' DRL PLG IN 10 MIN 0 PSI INCREASE. LOST CIRC FOR 20 BBLs. RIH C/O 30' OF SAND TAG PLG 2 @ 5,796' DRL PLG IN 10 MIN. 200 PSI INCREASE. RIH C/O 35' OF SAND TAG PLG 3 @ 6,088' DRL PLG IN 10 MIN. 100 PSI INCREASE. RIH C/O 30' OF SAND TAG PLG 4 @ 6,300' DRL PLG IN 10 MIN. 0 PSI INCREASE. RIH C/O 30' OF SAND TAG PLG 5 @ 6,780' DRL PLG IN 10 MIN. 100 PSI INCREASE. RIH C/O 0' OF SAND TAG PLG 6 @ 7,245' DRL PLG IN 10 MIN. 100 PSI INCREASE. RIH C/O 30' OF SAND DRL BOTTOM PLUGS 7 & 8 @ 7,853' & 7856' 200 PSI DECREASE. RIH C/O 90' OF FILL TO PBD OF 9,659'. CIRCULATE WELL CLEAN. POOH LD 17 JTS. LAND TUBING W/ 287 JTS OF 2 3/8" L-80 TBG. EOT @ 9,128.45. ND BOP NU WELL HEAD. DROP BALL TO SHEAR OFF BIT. PUMP OFF BIT @ 1,520 PSI. TURN WELL OVER TO FLOW BACK CREW.
2/26/2009	7:00			33	A			

ROCKIES

Operation Summary Report

Well: NBU 921-13H		Spud Conductor: 3/14/2008		Spud Date: 3/16/2008				
Project: UTAH		Site: UINTAH		Rig Name No: MILES 3/3				
Event: RECOMPLETION		Start Date: 2/18/2009		End Date: 2/24/2009				
Active Datum: RKB @4,868.00ft (above Mean Sea Level)		UWI: NBU 921-13H						
Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
	14:30 -		PROD					WELL TURNED TO SALES @ 1430 HR ON 2/26/2009 - FTP 1100#, CP 1750#, CK 20/64", 1335 MCFD, 480 BWPD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

amended

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well Oil Well Gas Well Dry Other
 b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resrv.,
 Other: recomp

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

3. Address
1368 SOUTH 1200 EAST VERNAL, UTAH 84078

3a. Phone No. (include area code)
435.781.7024

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface SE/NE 2323'FNL, 531'FEL

At top prod. interval reported below

At total depth

14. Date Spudded
03/14/2008

15. Date T.D. Reached
04/12/2008

16. Date Completed 02/26/2009
 D & A Ready to Prod.

5. Lease Serial No.
UTU-01193

6. If Indian, Allottee or Tribe Name
TRIBAL SURFACE

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

8. Lease Name and Well No.
NBU 921-13H

9. AFI Well No.
4304739243

10. Field and Pool or Exploratory
NATURAL BUTTES

11. Sec., T., R., M., on Block and
Survey or Area SEC. 13, T9S, R21E

12. County or Parish
UINTAH, COUNTY

13. State
UT

17. Elevations (DF, RKB, RT, GL)*
4856'GL

18. Total Depth: MD 9696'
TVD

19. Plug Back T.D.: MD 9659'
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
N/A

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

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL.)	Cement Top*	Amount Pulled
20"	14" STEEL	36.7#		40'		28 SX			
12 1/4"	9 5/8" J-55	36#		2760'		643 SX			
7 7/8"	4 1/2 I-80	11.6#		9696'		1845 SX			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	9128'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WASATCH	5678'	7822'	5678'-7822'	0.36	248	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5678'-7822'	PMP 6901 BBLs SLICK H2O & 245,454# 30/50 SD

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
2/26/09	3/4/2009	24	→	0	1729	300			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
18/64	871#	1261#	→	0	1729	300			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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

RECEIVED

APR 20 2009

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

28b. Production - Interval C

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

28c. Production - Interval D

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

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

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

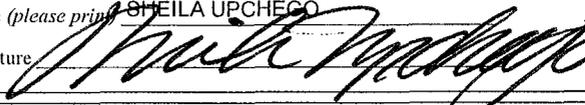
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
GREEN RIVER	1744'				
BIRDS NEST	2055'				
MAHOGANY	2529'				
WASATCH	5041'	7898'			
MESAVERDE	7903'	9654'			

32. Additional remarks (include plugging procedure):

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

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

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

Name (please print) SHEILA UPCHEGO Title REGULATORY ANALYST
 Signature  Date 04/15/2009

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