

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: DRILL REENTER

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

5. Lease Serial No.
UTU-01193

6. If Indian, Allottee or Tribe Name
TRIBAL SURFACE

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

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

9. API Well No.
43-047-39245

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

10. Field and Pool, or Exploratory
NATURAL BUTTES

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

12. County or Parish
UINTAH

13. State
UTAH

4. Location of Well (Report location clearly and in accordance with any State requirements.)*
At surface **NW/SW 1465'FSL, 792'FWL** *627468, 40 03 2771*
At proposed prod. Zone *44322534 -109.506044*

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

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)
792'

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
9890'

20. BLM/BIA Bond No. on file
RLB0005239

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
4837'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:

- | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1. Well plat certified by a registered surveyor.</p> <p>2. A Drilling Plan.</p> <p>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).</p> | <p>4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).</p> <p>5. Operator certification.</p> <p>6. Such other site specific information and/or plans as may be required by the authorized office.</p> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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.

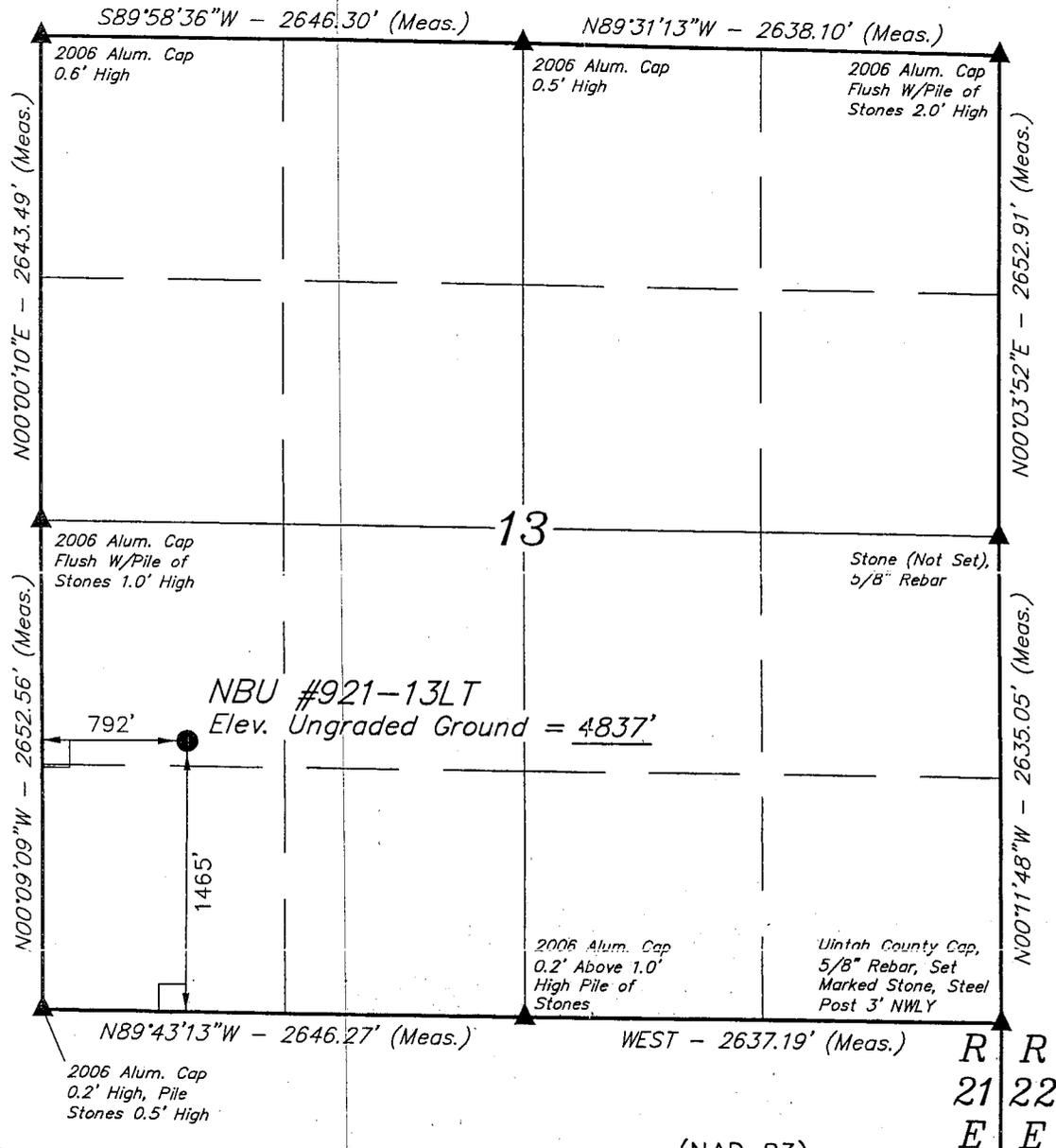
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(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.



LEGEND:

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

(NAD 83)

LATITUDE = 40°01'57.98" (40.032772)
 LONGITUDE = 109°30'24.28" (109.506744)

(NAD 27)

LATITUDE = 40°01'58.11" (40.032808)
 LONGITUDE = 109°30'21.81" (109.506058)

R R
21 22
E E

Kerr-McGee Oil & Gas Onshore LP

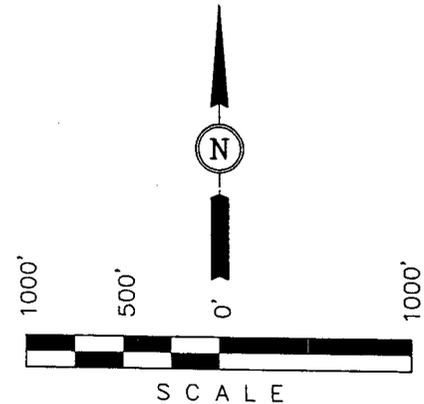
Well location, NBU #921-13LT, located as shown in the NW 1/4 SW 1/4 of Section 13, T9S, R21E, S.L.B.&M., Uintah County, Utah.

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.

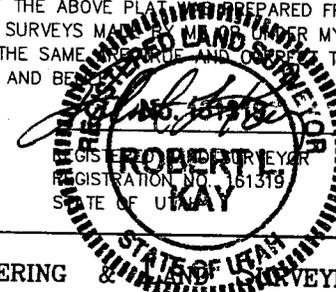
BASIS OF BEARINGS

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 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	

NEU 921-13LT
NW/SW 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	1662'
Top of Birds Nest Water	1984'
Mahogany	2347'
Wasatch	4976'
Mesaverde	7741'
MVU2	8687'
MVL1	9270'
TD	9890'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1662'
	Top of Birds Nest Water	1984
	Mahogany	2347'
Gas	Wasatch	4976'
Gas	Mesaverde	7741'
Gas	MVU2	8687'
Gas	MVL1	9270'
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 9890' TD, approximately equals 6132 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3956 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	DPLG	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'				2270	1370	254000
SURFACE	9-5/8"	0 to 2100	32.30	H-40	STC	0.58*****	1.39	3.59
	9-5/8"	2100 to 2500	36.00	J-55	STC	1.15*****	1.73	7.98
PRODUCTION	4-1/2"	0 to 9890	11.60	I-80	LTC	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 3893 psi
- ***** Burst SF is low but csg is stronger than formation at 2500 feet
- ***** EMW @ 2500 for 2270# is 17.5 ppg or 0.9 psi/ft

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE Option 1	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18
	TOP OUT CMT (1)	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 + 16% Gel + 10 pps gilsonite + .25 pps Flocele + 3% salt BWO	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	4,470'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + (.5% extender	490	60%	11.00
	TAIL	5,420'	50/50 Poz/G + 10% salt + 2% gel +.1% R-3	1520	60%	14.30	1.31

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

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

FLOAT EQUIPMENT & CENTRALIZERS

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

ADDITIONAL INFORMATION

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

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

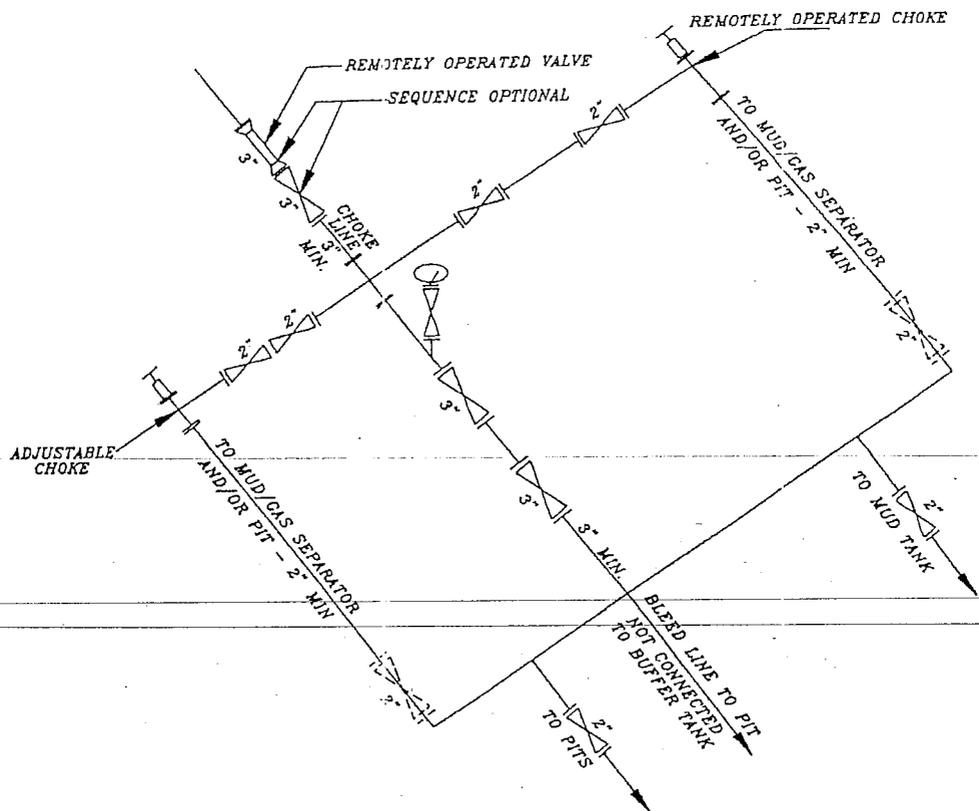
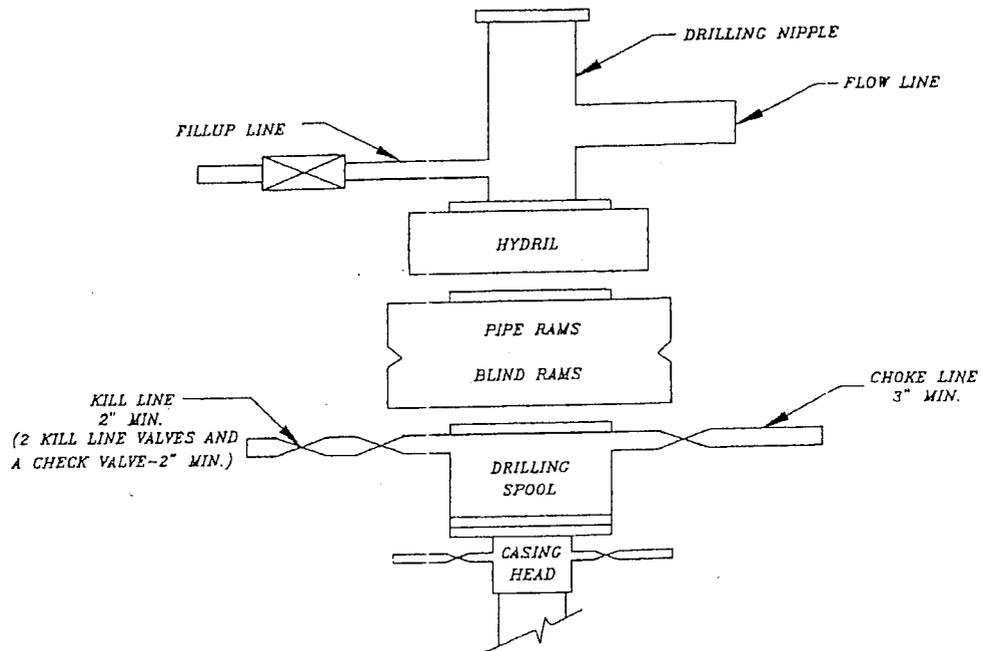
Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

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

DRILLING ENGINEER: _____ DATE: _____
Brad Laney

DRILLING SUPERINTENDENT: _____ DATE: _____
Randy Bayne

5M BOP STACK and CHOKE MANIFOLD SYSTEM



NEU 921-13LT
NW/SW 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 0.1 +/- 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 145' +/- 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 Upchego
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 Upchego

4/18/2007

Date

Kerr-McGee Oil & Gas Onshore LP

NBU #921-13LT

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 0.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 1.0 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 50.2 MILES.

Kerr-McGee Oil & Gas Onshore LP

NBU #921-13LT

LOCATED IN UINTAH COUNTY, UTAH
SECTION 13, T9S, R21E, S.L.B.&M.

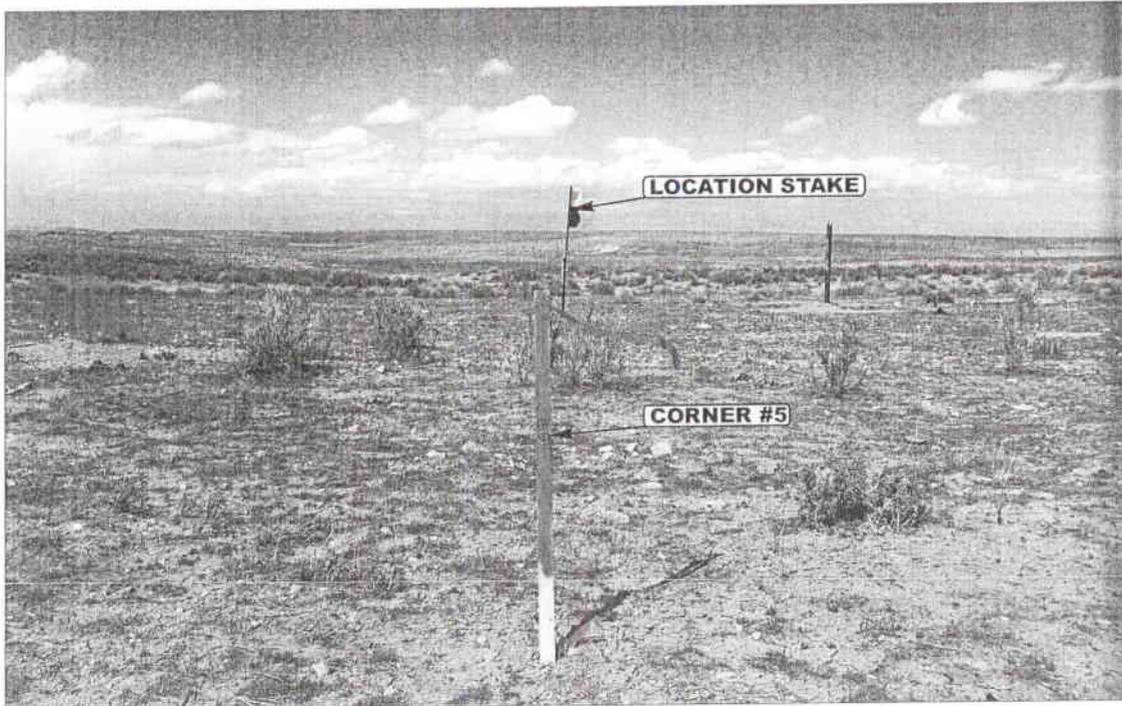


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY

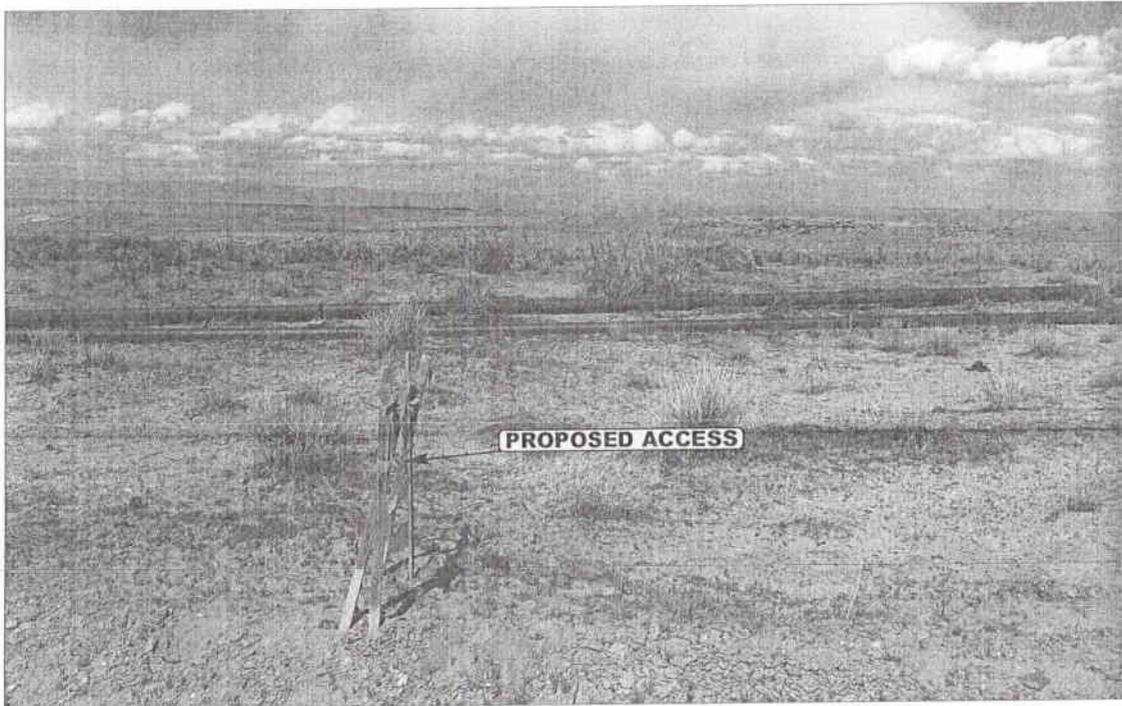


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

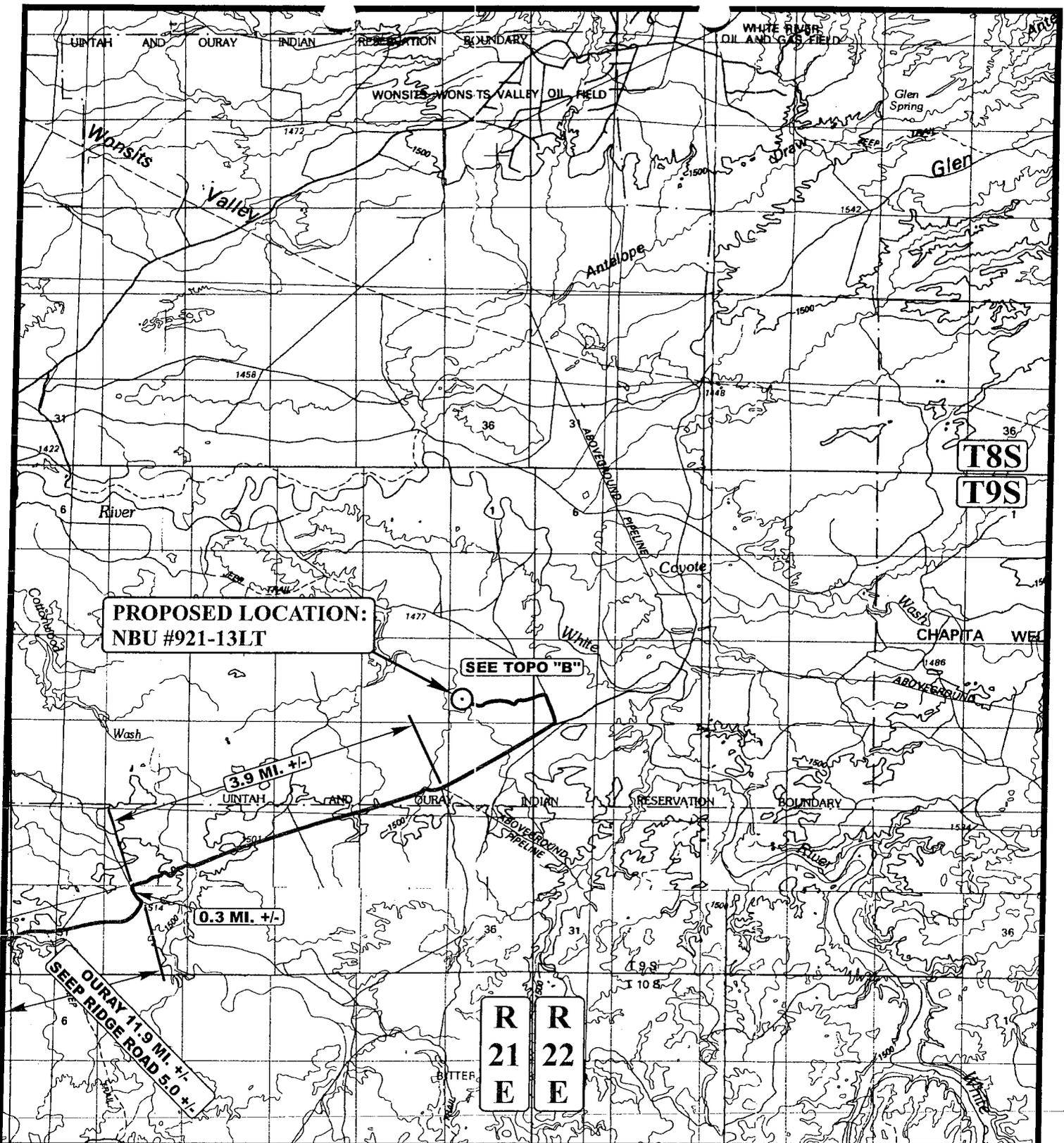
CAMERA ANGLE: NORTHERLY



- 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	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: L.K.	DRAWN BY: C.P.	REVISED: 00-00-00		



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

SEE TOPO "B"

3.9 MI. +/-

0.3 MI. +/-

**OURAY 11.9 MI. +/-
SEEP RIDGE ROAD 5.0 +/-**

**R
21
E** **R
22
E**

**T8S
T9S**

LEGEND:

○ PROPOSED LOCATION



Kerr-McGee Oil & Gas Onshore LP

**NBU #921-13LT
SECTION 13, T9S, R21E, S.L.B.&M.
1465' FSL 792' FWL**



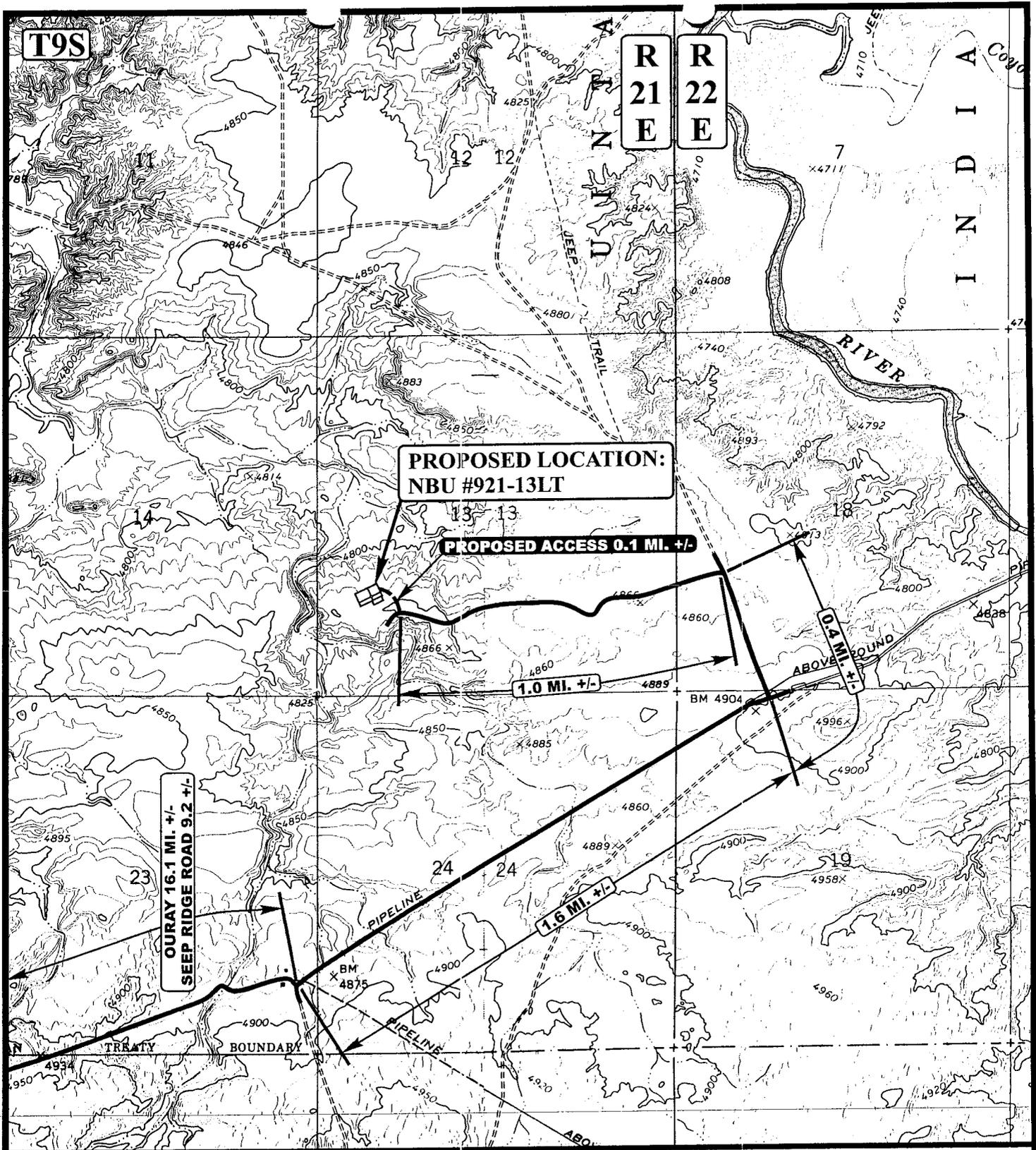
Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
MAP**

03 27 07
MONTH DAY YEAR



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



LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD



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

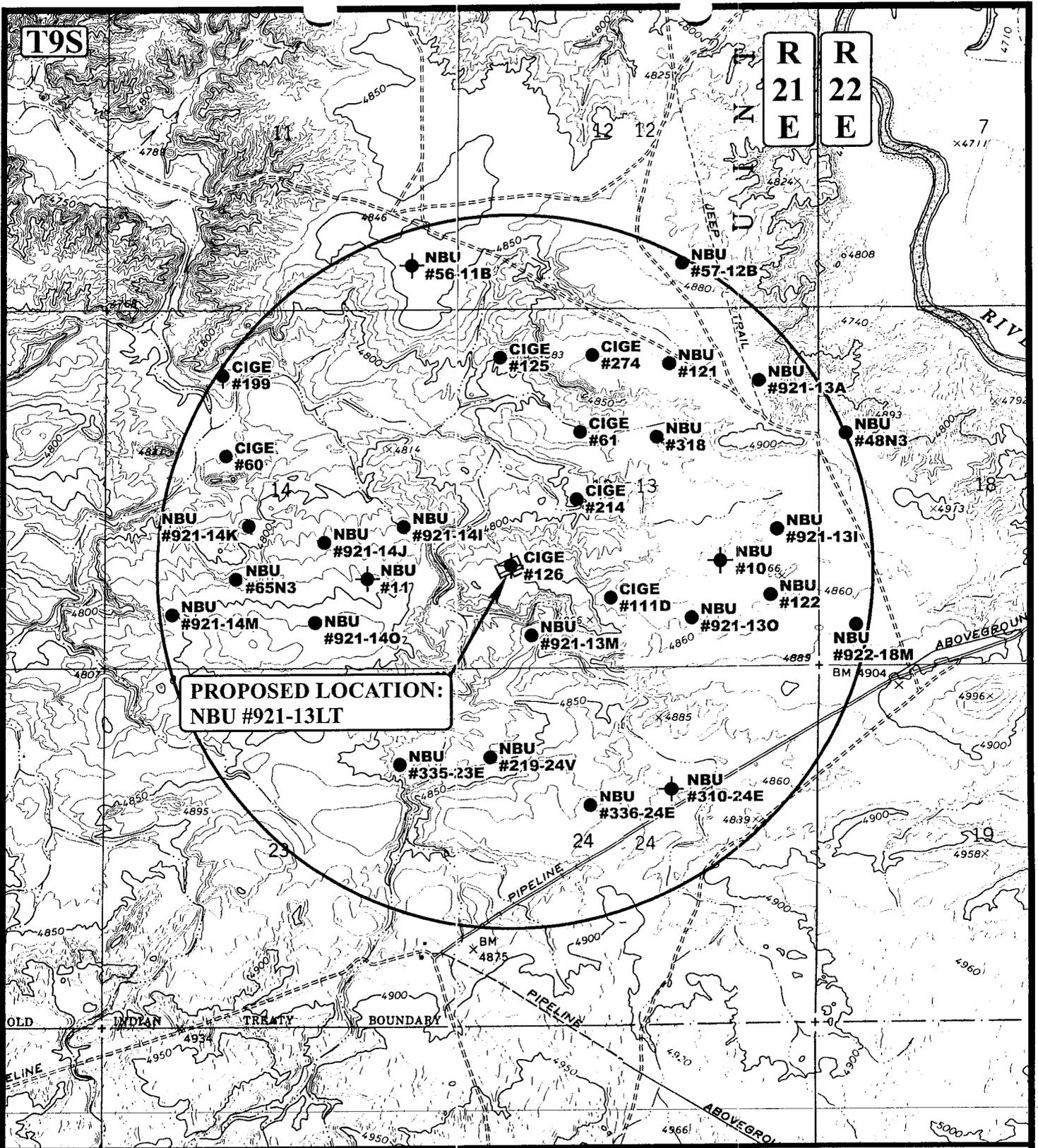


Kerr-McGee Oil & Gas Onshore LP

NBU #921-13LT
SECTION 13, T9S, R21E, S.L.B.&M.
1465' FSL 792' FWL

TOPOGRAPHIC			03	27	07
MAP			MONTH	DAY	YEAR
SCALE: 1" = 2000'		DRAWN BY: C.P.		REVISED: 00-00-00	





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

LEGEND:

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

Kerr-McGee Oil & Gas Onshore LP

NBU #921-13LT
SECTION 13, T9S, R21E, S.L.B.&M.
1465' FSL 792' FWL



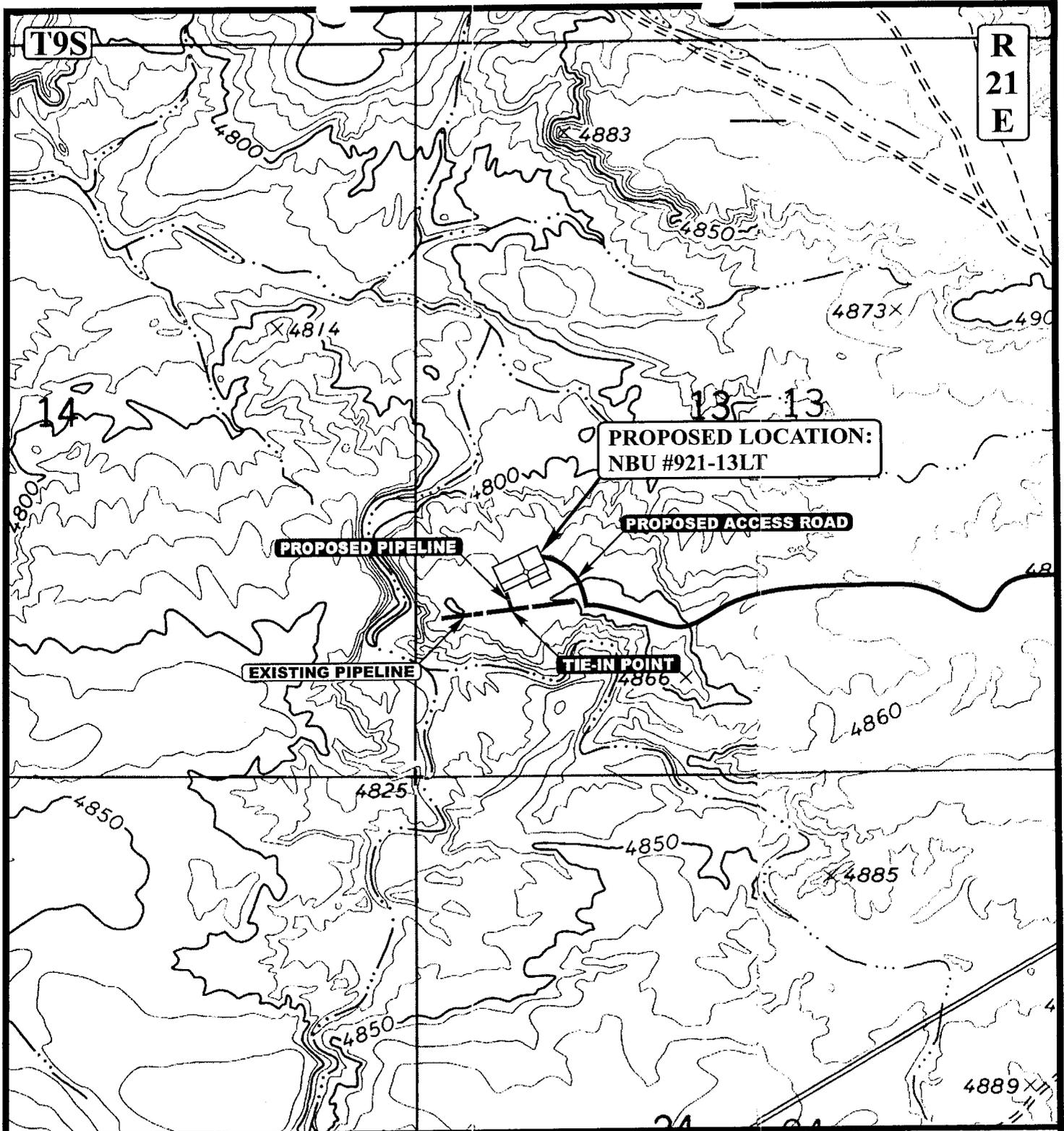
Utah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
MAP**

03	27	07
MONTH	DAY	YEAR

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





APPROXIMATE TOTAL PIPELINE DISTANCE = 145' +/-

LEGEND:

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE

Kerr-McGee Oil & Gas Onshore LP

NBU #921-13LT
 SECTION 13, T9S, R21E, S.L.B.&M.
 1465' FSL 792' FWL



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



Kerr-McGee Oil & Gas Onshore LP

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



PHOTO: VIEW FROM TIE-IN POINT

CAMERA ANGLE: NORTHERLY

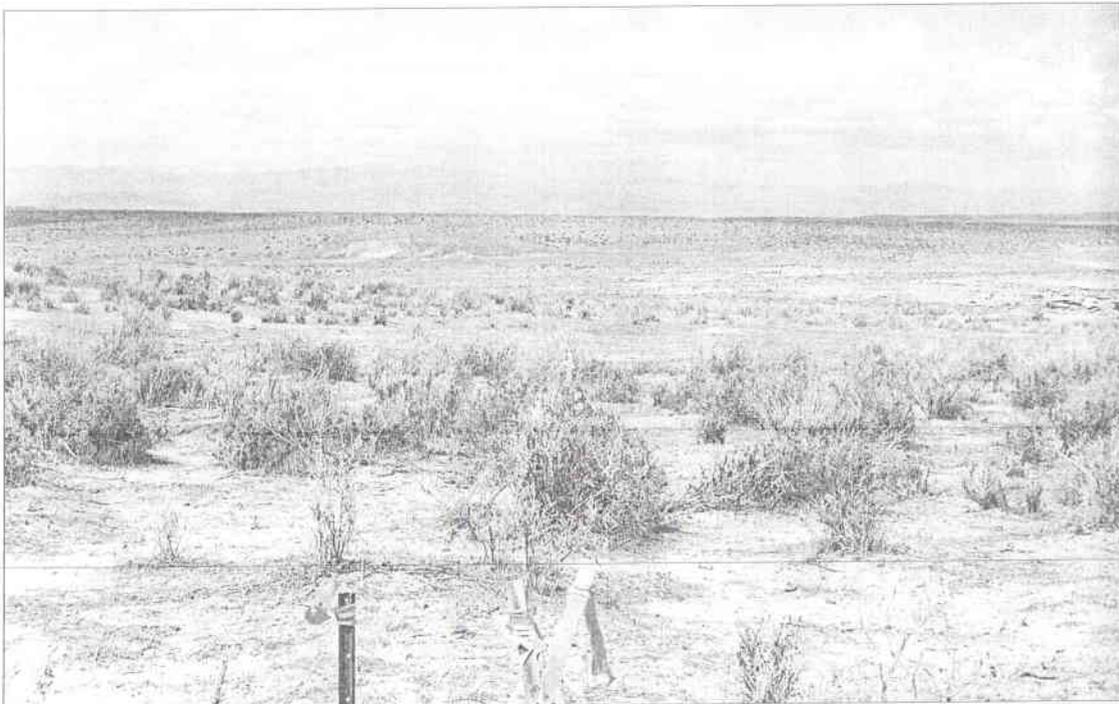


PHOTO: VIEW OF PIPELINE ALIGNMENT

CAMERA ANGLE: NORTHERLY



- Since 1964 -

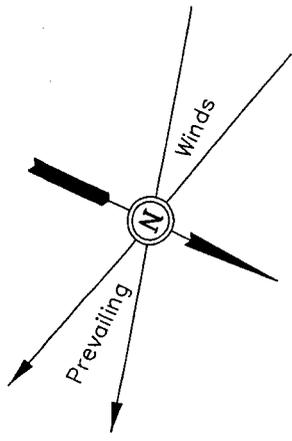
UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

PIPELINE PHOTOS	03	27	07	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: L.K.		DRAWN BY: C.P.		REVISED: 00-00-00

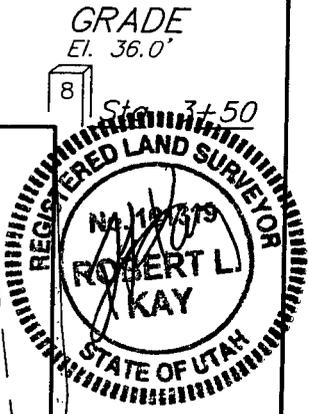
Kerr-McGee Oil & Gas Onshore LP

FIGURE #1

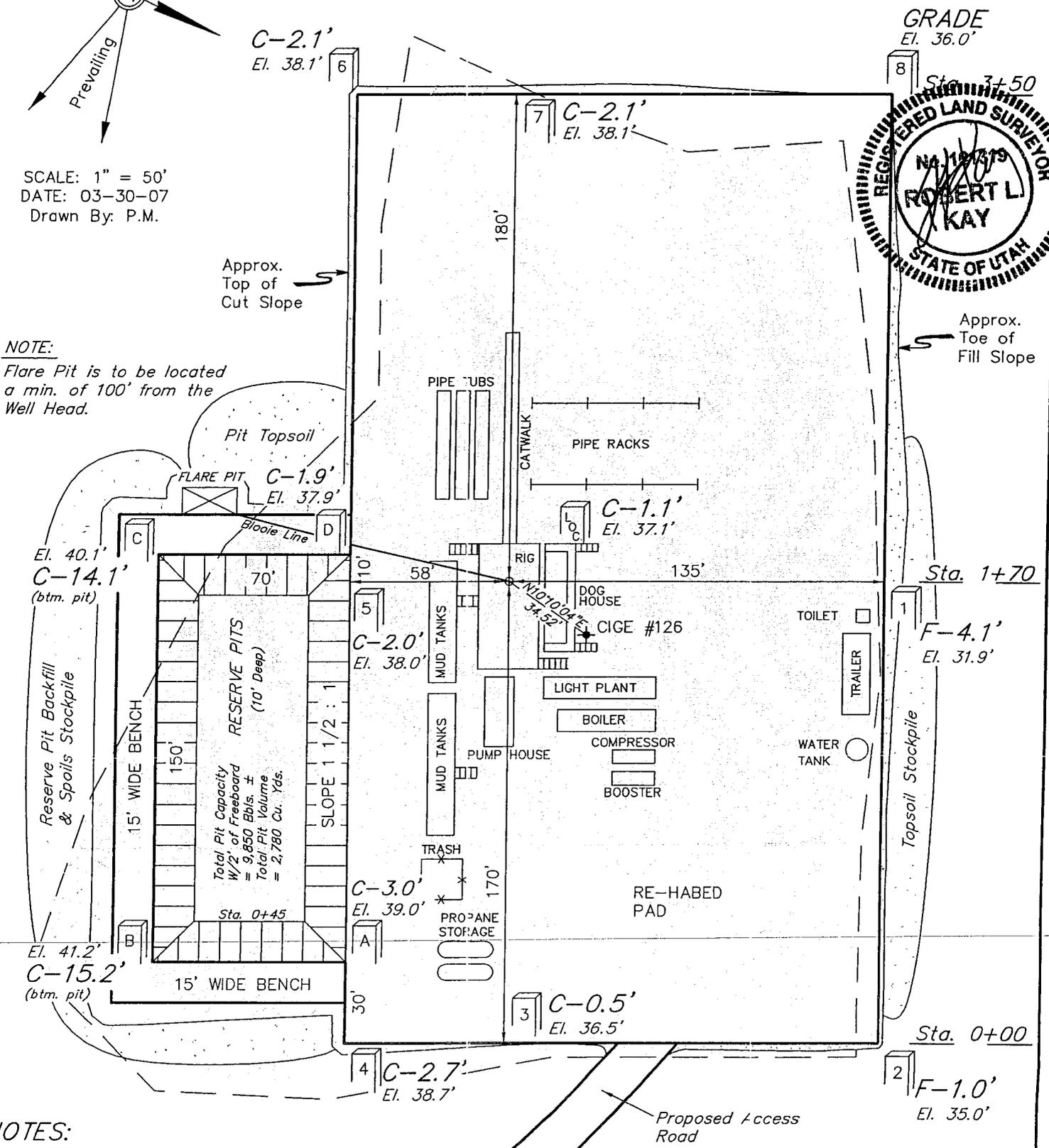
LOCATION LAYOUT FOR
 NEU #921-13LT
 SECTION 13, T9S, R21E, S.L.B.&M.
 1465' FSL 792' FWL



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:

Elev. Ungraded Ground At Loc. Stake = 4837.1'
 FINISHED GRADE ELEV. AT LOC. STAKE = 4836.0'

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

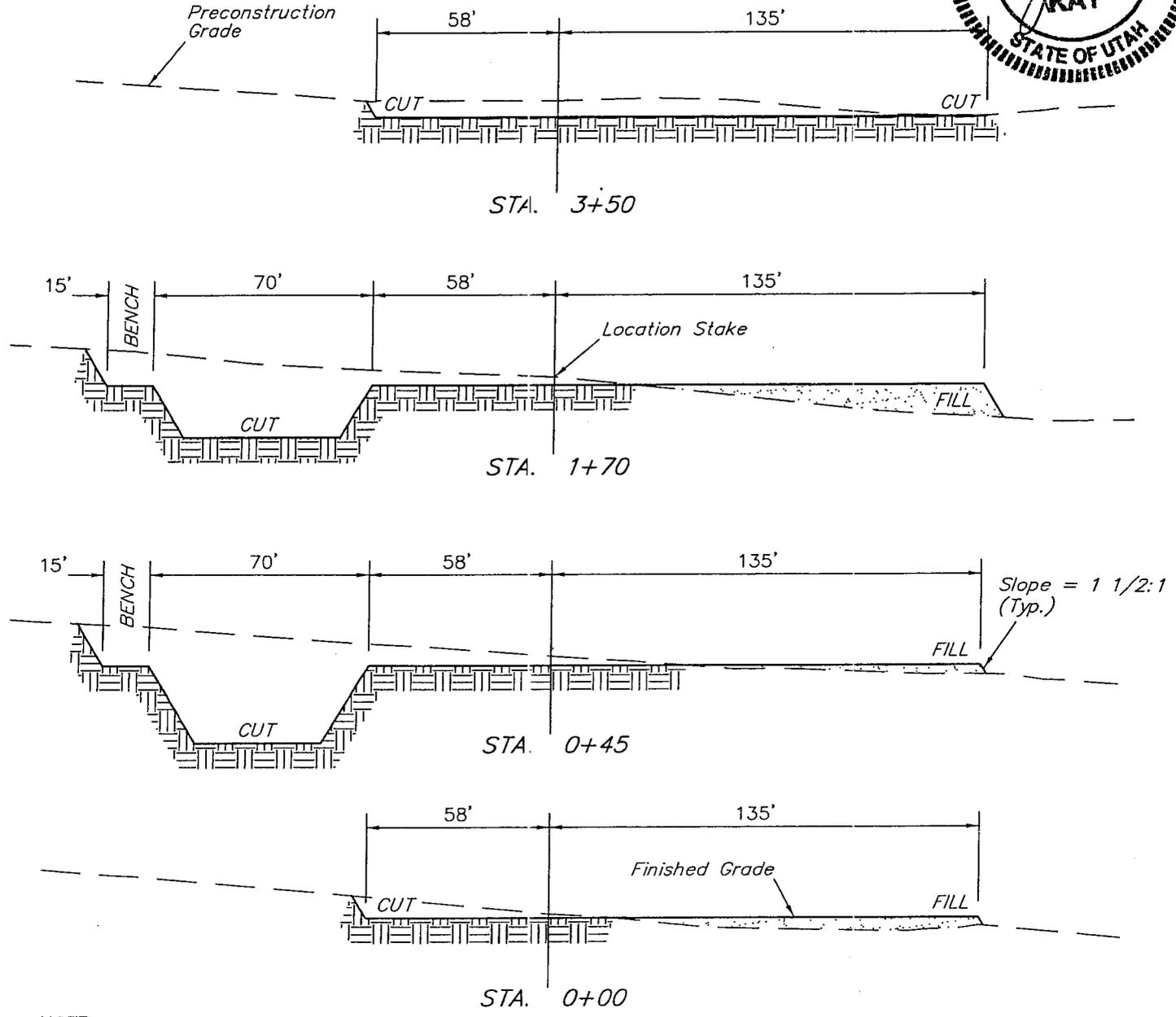
Kerr-McGee Oil & Gas Onshore LP

FIGURE #2

TYPICAL CROSS SECTIONS FOR
 NEU #921-13LT
 SECTION 13, T9S, R21E, S.L.B.&M.
 1465' FSL 792' FWL

X-Section Scale
 1" = 20'
 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% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(12") Topsoil Stripping	= 3,330 Cu. Yds.
Remaining Location	= 4,950 Cu. Yds.
TOTAL CUT	= 8,280 CU.YDS.
FILL	= 3,560 CU.YDS.

EXCESS MATERIAL	= 4,720 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 4,720 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: 43-047-39245

WELL NAME: NBU 921-13LT
 OPERATOR: KERR-MCGEE OIL & GAS (N:995)
 CONTACT: SHEILA UPCHEGO

PHONE NUMBER: 435-781-7024

PROPOSED LOCATION:

NWSW 13 090S 210E
 SURFACE: 1465 FSL 0792 FWL
 BOTTOM: 1465 FSL 0792 FWL
 COUNTY: UINTAH
 LATITUDE: 40.03277 LONGITUDE: -109.5060
 UTM SURF EASTINGS: 627468 NORTHINGS: 4432253
 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)
- N Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-8496)
- N RDCC Review (Y/N)
(Date: _____)
- LN Fee Surf Agreement (Y/N)
- LN 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: 12-2-93
Siting: 440' in body of S. Uncomm. Tract
- R649-3-11. Directional Drill

COMMENTS:

Sep. Separate Act

STIPULATIONS:

1- Federal Approval
2- OIL SHALE

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 921-13LT Well, 1465' FSL, 792' FWL, NW SW, 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 43-047-39245.

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 921-13LT
API Number: 43-047-39245
Lease: UTU-01193

Location: NW SW 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 11:56

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

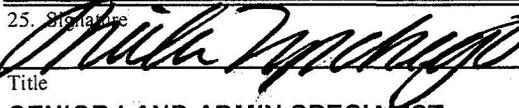
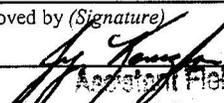
APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-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	3b. Phone No. (include area code) (435) 781-7024	8. Lease Name and Well No. NBU 921-13LT
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/SW 1465'FSL, 792'FWL At proposed prod. Zone		9. API Well No. 43 047 39245
14. Distance in miles and direction from nearest town or post office* 28.4 +/- MILES FROM OURAY, UTAH		10. Field and Pool, or Exploratory NATURAL BUTTES
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 792'	16. No. of Acres in lease 1920.00	11. Sec., T., R., M., or Blk, and Survey or Area SEC. 13, T9S, R21E
17. Spacing Unit dedicated to this well 40.00	12. County or Parish UINTAH	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 9890'	20. BLM/BIA Bond No. on file RLB0005239 WYB000291
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4837'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) Terry Kewczka	Date 3-13-2008
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

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

CONDITIONS OF APPROVAL ATTACHED

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)

NOTICE OF APPROVAL

UDOGM

RECEIVED

MAR 18 2008

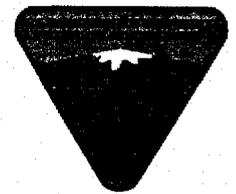
DIV. OF OIL, GAS & MINING

NO NOS
OTMIC0001A



**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 O&G Onshore, LP. **Location:** NWSW, Sec 13, T9S, R21E
Well No: NBU 921-13LT **Lease No:** UTU-01193
API No: 43-047-39245 **Agreement:** Natural Buttes Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
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) 781-4410

**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)***

Surface COAs:

Additional Stipulations:

- None

General Conditions of Approval

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

- All personnel shall 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 shall 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 (COAs):

SITE SPECIFIC DOWNHOLE COAs:

- 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 Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- 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.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: KERR-McGEE OIL & GAS ONSHORE, LP

Well Name: NBU 921-13LT

Api No: 43-047-39245 Lease Type: FEDERAL

Section 13 Township 09S Range 21E County UINTAH

Drilling Contractor PETE MARTIN DRLG RIG # RATHOLE

SPUDDED:

Date 04/11/08

Time 8:00 AM

How DRY

Drilling will Commence: _____

Reported by LOU WELDON

Telephone # (435) 828-7035

Date 04/11/08 Signed CHD

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

FORM 6

ENTITY ACTION FORM

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

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304739245	NBU 921-13LT		NWSW	13	9S,	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<i>B</i>	99999	<i>2900</i>	4/11/2008			<i>4/28/08</i>	
Comments: MIRU PETE MARTIN BUCKET RIG. <i>WSMVD</i> SPUD WELL LOCATION ON 04/11/2008 AT 0800 HRS							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304739244	NBU 921-13E		SWNW	13	9S,	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<i>B</i>	99999	<i>2900</i>	4/11/2008			<i>4/28/08</i>	
Comments: MIRU PETE MARTIN BUCKET RIG. <i>WSMVD</i> SPUD WELL LOCATION ON 04/11/2008 AT 0930 HRS.							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304737320	BONANZA 1023-5H		SENE	5	10S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<i>A</i>	99999	<i>16793</i>	4/11/2008			<i>4/28/08</i>	
Comments: MIRU PETE MARTIN BUCKET RIG. <i>WSMVD</i> SPUD WELL LOCATION ON 04/11/2008 AT 0900 HRS.							

ACTION CODES:

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

SHEILA UPCHEGO

Name (Please Print)

Signature

SENIOR LAND SPECIALIST

Title

4/14/2008

Date

RECEIVED

APR 17 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

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 921-13LT

9. API Well No.

4304739245

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

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

NW/SW SEC. 13, T9S, R21E 1465'FSL, 792'FWL

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>WELL SPUD</u>
	<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 recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

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

SPUD WELL LOCATION ON 04/11/2008 AT 0800 HRS.

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

Name (Printed/Typed)

SHEILA UPCHEGO

Title

SENIOR LAND ADMIN SPECIALIST

Signature



Date

April 14, 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

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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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 921-13LT

9. API Well No.
4304739245

10. Field and Pool, or Exploratory Area
NATURAL BUTTES

11. County or Parish, State
UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

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

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NW/SW SEC. 13, T9S, R21E 1465'FSL, 792'FWL

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<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 <u>SET SURFACE</u>	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>CSG</u>	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

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MAY 02 2008

MIRU PROPETRO AIR RIG ON 04/18/2008. DRILLED 12 1/4" SURFACE HOLE TO 2310'. RAN 9 5/8" 36# J-55 SURFACE CSG. LEAD CMT W/200 SX HIFILL CLASS G @11.0 PPG 3.82 YIELD. TAILED CMT W/200 SX PREM CLASS G @15.8 PPG 1.15 YIELD. GOOD RETURNS THROUGHOUT JOB 30 +/- BBLS LEAD CMT TO PIT. RAN 200' OF 1" PIPE. CMT W/125 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN 1" PIPE. GOOD CMT TO SURFACE AND FELL BACK. TOP OUT W/125 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE GOOD CMT TO SURFACE. HOLE STAYED FULL. WORT.

DIV OF OIL, GAS & MINING

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

Name (Printed/Typed) SHEILA UPCHEGO	Title SENIOR LAND ADMIN SPECIALIST
Signature 	Date April 21, 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.

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

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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 921-13LT

9. API Well No.
4304739245

10. Field and Pool, or Exploratory Area
NATURAL BUTTES

11. County or Parish, State
UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

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

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NW/SW SEC. 13, T9S, R21E 1465'FSL, 792'FWL

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input type="checkbox"/> Other _____
	<input checked="" 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 recomple 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 recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION TO CHANGE THE DRILLING PLANS FROM THE ORIGINAL APPROVED APD. THE OPERATOR PROPOSES TO DRILL TO A TD OF 11,035', INSTEAD OF THE 9890', TD AS ORIGINALLY PLANNED IN THE APD. THE OPERATOR REQUESTS AUTHORIZATION TO CHANGE THE BOPE FOR THE SUBJECT WELL LOCATION. THE OPERATOR WILL USE THE SAME PROGRAM AS USED ON THE NBU 920-14N WELL LOCATION. THE OPERATOR WILL RUN IN AND TEST THE 5K BOP TO THE INTERMEDIATE INTERVAL AND RUN 10K FOR THE PRODUCTION INTERVAL.

**RECEIVED
COPY SENT TO OPERATOR**

PLEASE REFER TO THE ATTACHED DRILLING PROGRAM.

Date: **5-12-2008**

MAY 08 2008

Initials: **KS**

DIV. OF OIL, GAS & MINING

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

Name (Printed/Typed) SHEILA UPCHEGO	Title SENIOR LAND ADMIN SPECIALIST
Signature 	Date May 1, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by 	Title BRADLEY G. HILL	Date 05-08-08
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 ENVIRONMENTAL MANAGER	

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.

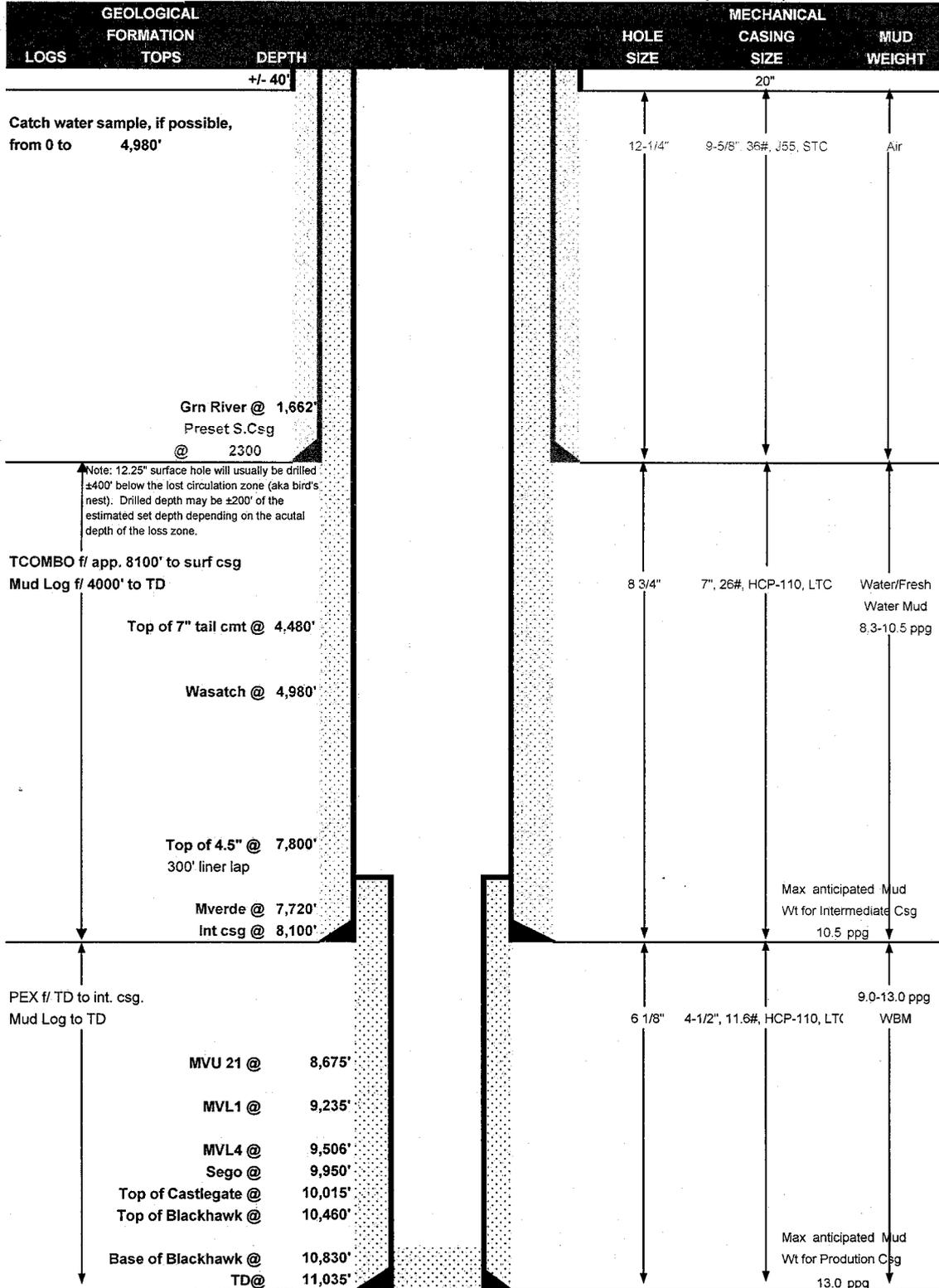
(Instructions on reverse)

**Federal Approval of this
Action is Necessary**



KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

COMPANY NAME KERR-McGEE OIL & GAS ONSHORE LP DATE May 1, 2008
 WELL NAME NBU 921-13LT TD 11,035' MD/TVD
 FIELD Natural Buttes COUNTY Uintah STATE Utah ELEVATION 4,836' GL KB 4,851'
 SURFACE LOCATION NW/SW SEC. 13, T9S, R21E 1465'FSL, 792'FWL BHL Straight Hole
 Latitude: 40.032772 Longitude: 109.506744
 OBJECTIVE ZONE(S) Wasatch/Mesaverde
 ADDITIONAL INFO Regulatory Agencies: TRIBAL (SURF & MINERALS), BLM, UDOGM, Tri-County Health Dept.





KERR-McGEE OIL & GAS ONSHORE LP

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'				2,270	1,370	254,000
SURFACE	9-5/8"	0 to 2300	38.00	J-55	STC	0.86	1.27	3.92
INTERMEDIATE	7"	0 to 8,100'	26.00	HCP-110	LTC	1.98	1.41	4.26
PRODUCTION	4-1/2"	7,800' to 11,035'	11.60	HCP-110	LTC	2.12	1.16	8.52

- 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 (Int Casing) = Pore Pressure at Next Casing Point - (.22 psi/ft-partial evac gradient x TVD of next csg point)
 - 3) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)
- (Burst Assumptions: Max Pore Press @ Int shoe 10.5 ppg | MW @ TD 13.0 ppg) .22 psi/ft = gradient for partially evac wellbore
 (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing * Buoy. Fact. of water)
- MASP = 5031.96

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS*	WEIGHT	YIELD
SURFACE Option 1	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18
	TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	50		15.60	1.18
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE Option 2	LEAD	1500	Prem cmt + 16% Gel + 10 pps gilsonite +.25 pps Flocele + 3% salt BWOC	170	35%	11.00	3.82
	TAIL	500	Premium cmt + 2% CaCl + .25 pps flocele	180	35%	15.60	1.18
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
INTERMEDIATE	LEAD	4,480'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	260	40%	11.00	3.38
	TAIL	3,620'	50/50 Poz/G + 10% salt + 2% gel	590	40%	14.30	1.31
PRODUCTION	Lead	0,000'	Premium Lite II High Strength + 5 pps Koleal + 3% KCl + 0.05 pps Static-free + 0.7% R-3 + 0.25 pps celloflake + 0.7% FL-52	0	10%	13.00	1.97
	Tail	3,235'	50/50 Poz/G + 3% gel + 0.6% FL-52 + 0.3% R-3 + 0.25 pps celloflake + 20% silica + 0.05 pps Static-free	240	10%	14.10	1.54

*Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained
 *Substitute caliper hole volume plus 15% 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.
INTERMEDIATE	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of cement with bow spring centralizers.

ADDITIONAL INFORMATION

Test csg head to 750 psi after instal. Test surf csg to 1,500 psi prior to drilling out. NOTE: Will run 5K BOPE to intermediate pt then switch to 10K.

BOPE: 7" 10M with one annular and 3 rams. Test to 10,000 psi (annular to 5,000 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.

Run Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

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

DRILLING ENGINEER: _____
 Brad Laney

DATE: _____

DRILLING SUPERINTENDENT: _____
 Randy Bayne

DATE: _____

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

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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
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)
NW/SW SEC. 13, T9S, R21E 1465'FSL, 792'FWL

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 921-13LT

9. API Well No.
4304739245

10. Field and Pool, or Exploratory Area
NATURAL BUTTES

11. County or Parish, State
UINTAH COUNTY, UTAH

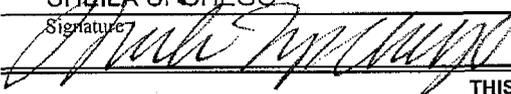
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<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other INTERMEDIATE
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	CSG
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DRILLING FROM 2310' TO 8115' ON 05/22/2008. DRILLED 8 3/4" INTERMEDIATE HOLE TO 8115' RAN 7" 25# HCR-110 LTC SURFACE CSG. LEAD CMT W/223 SX PREM LITE II @11.0 PPG 3.38 YIELD. TAILED CMT W/611 SX 50/50 POZ @14.3 PPG 1.31 YIELD. DROP PLUG DISPLACE W/310 BBLS BUMP PLUG @1900 PSI 500 OVER CIRC PSI OF 1400 FLOATS HELD W/2 BBLS FULL RETURNS THROUGH OUT JOB SET CSG SLIPS @190K FULL STRING WT. N/D 11" STACK ND SET OUT STACK. N/D LAYOUT 11" STACK P/U & N/U 7" STACK 10K CHOKE TEST BOP & ALL VALVES TO 10K ANN TO 5000K INSTALL WEAR BUSHING. DRILLING AHEAD.

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

Name (Printed/Typed) SHEILA URCHEGO	Title SENIOR LAND ADMIN SPECIALIST
Signature 	Date June 2, 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
JUN 09 2008
 DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
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7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 921-13LT

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4304739245

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

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

NW/SW SEC. 13, T9S, R21E 1465'FSL, 792'FWL

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	<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 recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate 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.

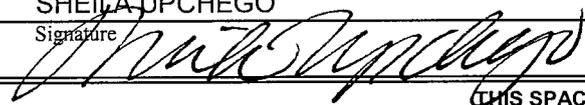
FINISHED DRILLING FROM 8115' TO 11,035' ON 06/08/2008. RAN 4 1/2" 11.6# P-110 PRODUCTION CSG. PMP 240 SX 50/50 POZ @14.3 PPG 1.70 YIELD. DROP DRILL PIPE WIPER BUMPED LINER WIPER W/57 BBLs SHEARED @1050 PSI BUMPED LANDING COLLAR 107 BBLs @1583 PSI FLOATS HELD W/1 BBL RETURN GOOD RETURNS DURING CMT JOB. SET PACKER PULL 113' FROM LINER TOP REV CIRC 100 BBL @5 BPM 14.5 BBLs CMT TO SURFACE POOH 3 STANDS P/UP & RIH 1 JTS DP MANIFOLD L/DN MANIFOLD. LDDP CLEAN MUD TANKS.
RELEASED PIONEER RIG 54 ON 06/10/2008 AT 1800 HRS.

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

Name (Printed/Typed)

SHEILA UPCHEGO

Signature



Title

SENIOR LAND ADMIN SPECIALIST

Date

June 12, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

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

Office

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

RECEIVED

JUN 17 2008

DIV. OF OIL, GAS & MINING

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. Resvr.
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 921-13LT

4. Location of Well (Report locations clearly and in accordance with Federal requirements)*
At surface NW/SW 1465'FSL, 792'FWL
At top prod. interval reported below
At total depth

9. API Well No.
4304739245

10. Field and Pool, or Exploratory
NATURAL BUTTES

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

12. County or Parish UINTAH
13. State UTAH

14. Date Spudded 04/11/08
15. Date T.D. Reached 06/08/08
16. Date Completed D & A Ready to Prod. 09/30/08

17. Elevations (DF, RKB, RT, GL)*
4837'GL

18. Total Depth: MD 11.035' TVD
19. Plug Back T.D.: MD 10.985' TVD
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) v. MAA
CBL-CCL-GR, COMP 2, DEN, CN, CO, BPL, HDI
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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20"	14"	36.7#		40'		28 SX			
12 1/4"	9 5/8"	36#		2,310'		650 SX			
8 3/4"	7"	25#		8,115'		834 SX			
7 7/8"	4 1/2"	11.6#		11,035'		240 SX			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
2 3/8"	10,535'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
ESAVERDE (BLACKHAWK)	10,556'	10,758'	10,556'-10,758'	0.36	88	OPEN
B) WSMVD						
C)						
D)						

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

Depth Interval	Amount and type of Material
10,556'-10,758'	PMP 7271 BBLs LIGHTNING 20 GEL & 405,663# 20/40 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
09/30/08	10/12/08	24	→	0	333	20			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. 395# SI	Csg. Press. 453#	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
28/64	SI	453#	→	0	333	20			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
			→						RECEIVED
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
	SI		→						OCT 20 2008

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

28b. Production - Interval C

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

28c. Production - Interval D

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

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

SOLD

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
GREENRIVER MAHOGANY WASATCH MESAVERDE	1693' 2494' 4980' 7720'				

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

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

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

Name (please print) SHEILA UPCHEGO Title REGULATORY ANALYST

Signature *Sheila Upchego* Date 10/13/08

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.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01193
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 921-13LT
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047392450000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1465 FSL 0792 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 13 Township: 09.0S Range: 21.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/30/2009	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

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

Accepted by the Utah Division of Oil, Gas and Mining

Date: July 22, 2009

By: *Don K. Quist*

NAME (PLEASE PRINT) Sheila Wopsock	PHONE NUMBER 435 781-7024	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 7/22/2009	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047392450000

In accordance with Board Cause No. 173-14, commingling of the production from the Wasatch and Mesaverde formations is allowed.

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

Date: July 22, 2009
By: *Darko Guef*

Name: NBU 921-13LT
Location: NWSW 13 T9S R21E
Uintah County, UT
Date: 7/13/09

ELEVATIONS: 4836 GL 4855 KB

TOTAL DEPTH: 11035 **PBTD:** 10986
SURFACE CASING: 9 5/8", 36# J-55 ST&C @ 2282'
INTERMEDIATE CASING 7", 26# P-110 @ 8115'
PRODUCTION LINER: 4 1/2", 11.6#, P-110 LT&C @ 7813-11032'
 Marker Joint 7" 5030-5052'

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
7" 26# P-110	9960	6210	6.276"	0.0383	1.6086
4 1/2" 11.6# P-110 (See above)	10690	7560	4.000"	0.0155	0.6528
2 3/8" by 4 1/2" Annulus				0.0101	0.4227

TOPS:

1693' Green River
 2494' Birds Nest
 2340' Mahogany
 4980' Wasatch
 7720' Mesaverde

CBL indicates good cement below 4400'

GENERAL:

- A minimum of **25** tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Bakers Induction-Density-Neutron log dated 6/16/2008
- **9** fracturing stages required for coverage.
- Procedure calls for **10** CBP's (1-4 1/2" 10K, 5-4 1/2" 8K, and 4-7" 8K) 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 **7500** psi.
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). Stage acid and scale inhibitor if necessary to cover the next perforated interval.
- **Call flush at 0 PPG @ inline densimeters. Slow to 5 bbl/min over last 10-20 bbls of flush. Flush to top perf.**
- **If distance between plug and top perf of previous stage is less than 50', it is considered to be tight spacing - over flush stage by 5 bbls (from top perf)**

- Service companies need to provide surface/production annulus pop-offs to be set for 1500 psi for each frac.
- Pump 20/40mesh **resin coated sand** last 5,000# of all frac stages
- Tubing Currently Landed @~10536
- Originally completed on 9/17/08

Existing Perforations:

PERFORATIONS						
Formation	Zone	Top	Btm	spf	Shots	Date
BLACKHAWK		10556	10560	4	16	09/17/2008
BLACKHAWK		10606	10612	4	24	09/17/2008
BLACKHAWK		10714	10722	4	32	09/17/2008
BLACKHAWK		10754	10758	4	16	09/17/2008

PROCEDURE:

1. MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.
2. TOO H with 2-3/8", 4.7#, N-80 tubing (currently landed at ~10536'). Visually inspect for scale and consider replacing if needed.
3. If tbg looks ok consider running a 4 1/2" gauge ring to 9736' (50' below proposed CBP). Otherwise P/U a mill and C/O to 9736' (50' below proposed CBP).
4. Set 8000 psi 4-1/2" 10K CBP at ~ 9686'. Pressure test BOP and casing to 6000 psi. .
5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
MESAVERDE	9430	9434	3	12
MESAVERDE	9492	9494	3	6
MESAVERDE	9560	9564	4	16
MESAVERDE	9634	9636	3	6
6. Breakdown perfs and establish injection rate (include scale inhibitor in fluid). Spot 250 gal of 15% HCl and let soak. Fracture as outlined in Stage 1 on attached listing. Under-displace to ~9430' and trickle 250gal 15%HCL w/ scale inhibitor in flush .
7. Set 8000 psi 4 1/2" CBP at ~9354'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
MESAVERDE	9122	9124	3	6
MESAVERDE	9184	9188	3	12
MESAVERDE	9234	9236	3	6
MESAVERDE	9320	9324	4	16
8. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~9122' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
NOTE: TIGHT SPACING
9. Set 8000 psi 4 1/2" CBP at ~9098'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
MESAVERDE	8878	8880	3	6
MESAVERDE	8960	8964	4	16
MESAVERDE	9000	9002	3	6
MESAVERDE	9050	9052	3	6

10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~8878' trickle 250gal 15%HCL w/ scale inhibitor in flush.
NOTE: TIGHT SPACING

11. Set 8000 psi 4 1/2" CBP at ~8854'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
MESAVERDE	8642	8646	4	16
MESAVERDE	8668	8670	3	6
MESAVERDE		no perfs		
MESAVERDE	8758	8762	3	12
MESAVERDE	8822	8824	3	6

12. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 4 on attached listing. Under-displace to ~8642' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

13. Set 8000 psi 4 1/2" CBP at ~8436'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
MESAVERDE	8304	8308	3	12
MESAVERDE	8336	8338	3	6
MESAVERDE	8382	8386	4	16
MESAVERDE	8404	8406	3	6

14. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 5 on attached listing. Under-displace to ~8304' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

15. Set 8000 psi 4 1/2" CBP at ~8088'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
MESAVERDE	8030	8034	4	16
MESAVERDE	8052	8058	4	24

16. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 6 on attached listing. Under-displace to ~8030' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
NOTE: THIS STAGE REQUIRES PERFORATION THRU 2 STRINGS OF CASING.

17. Set 8000 psi 7" CBP at ~7810' (**which is just above the liner top**). Perf the following 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
MESAVERDE	7770	7780	4	40

18. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 7 on attached listing. Under-displace to ~7770' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

19. Set 8000 psi 7" CBP at ~6784'. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
WASATCH	6622	6626	4	16
WASATCH	6748	6754	4	24

20. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 8 on attached listing. Under-displace to ~6622' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

21. Set 8000 psi 7" CBP at ~5666'. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
WASATCH	5626	5636	4	40

22. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 9 on attached listing. Under-displace to ~5626' and flush only with recycled water.
23. Set 8000 psi 7" CBP at ~5576'.
24. TIH with 3 7/8" mill, pump off sub, SN and tubing.
25. Mill ALL plugs and clean out to PBSD at 10986. Land tubing at ±9092' pump off bit and bit sub. This well WILL be commingled at this time.
26. Clean out well with foam and/or swabbing unit until steady flow has been established from recomplete.
27. RDMO

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

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

NOTES:

Note: Tight spacing stages 2,3. Stage 6 requires perforation through 2 casing strings. Make it happen.

Name NBU 921-13LT
 Perforation and CBP Summary

Stage	Zones	Perforations		SPF	Holes	Fracture Coverage		
		Top, ft	Bottom, ft					
1	MESAVERDE	9430	9434	3	12	9411.5	to	9434.5
	MESAVERDE		no perfs			9438.5	to	9449.5
	MESAVERDE		no perfs			9471.5	to	9476
	MESAVERDE	9492	9494	3	6	9484	to	9496.5
	MESAVERDE	9560	9564	4	16	9545.5	to	9583
	MESAVERDE	9634	9636	3	6	9625	to	9639
					Look			
	# of Perfs/stage				40	CBP DEPTH	9,354	
2	MESAVERDE	9122	9124	3	6	9113.5	to	9138
	MESAVERDE	9184	9188	3	12	9173.5	to	9202
	MESAVERDE		no perfs			9222.5	to	9229.5
	MESAVERDE	9234	9236	3	6	9233.5	to	9243.5
	MESAVERDE	9320	9324	4	16	9313.5	to	9338.5
					Look			
		# of Perfs/stage				40	CBP DEPTH	9,098
3	MESAVERDE	8878	8880	3	6	8862	to	8897.5
	MESAVERDE	8960	8964	4	16	8950.5	to	8977
	MESAVERDE	9000	9002	3	6	8990	to	9018
	MESAVERDE		no perfs			9019.5	to	9041.5
	MESAVERDE	9050	9052	3	6	9048	to	9054.5
	MESAVERDE	9066	9068	3	6	9056	to	9070
					Look			
	# of Perfs/stage				40	CBP DEPTH	8,854	
4	MESAVERDE	8642	8646	4	16	8639.5	to	8646
	MESAVERDE	8668	8670	3	6	8661	to	8670.5
	MESAVERDE		no perfs			8711.5	to	8721.5
	MESAVERDE	8758	8762	3	12	8744.5	to	8774.5
	MESAVERDE	8822	8824	3	6	8812.5	to	8829.5
					Look			
		# of Perfs/stage				40	CBP DEPTH	8,436
5	MESAVERDE	8304	8308	3	12	8283	to	8324.5
	MESAVERDE	8336	8338	3	6	8330.5	to	8339.5
	MESAVERDE	8382	8386	4	16	8367	to	8393.5
	MESAVERDE	8404	8406	3	6	8400.5	to	8428.5
					Look			
	# of Perfs/stage				40	CBP DEPTH	8,088	
6	MESAVERDE	8030	8034	4	16	8030	to	8034
	MESAVERDE	8052	8058	4	24	8045	to	8070
					Look			
	# of Perfs/stage				40	CBP DEPTH	7,810	
7	MESAVERDE	7770	7780	4	40	7760	to	7782
					Look			
	# of Perfs/stage				40	CBP DEPTH	6,784	
8	WASATCH	6622	6626	4	16	6616	to	6626.5
	WASATCH	6748	6754	4	24	6741	to	6758
					Look			
	# of Perfs/stage				40	CBP DEPTH	5,666	
9	WASATCH	5626	5636	4	40	5611.5	to	5637.5
					Look			
	# of Perfs/stage				40	CBP DEPTH	5,576	
Totals					360			

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01193
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
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2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047392450000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1465 FSL 0792 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 13 Township: 09.0S Range: 21.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/5/2009	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

ON 09/01/2009, THE OPERATOR HAS PERFORMED A RECOMPLETION ON THE SUBJECT WELL LOCATION, THE OPERATOR HAS RECOMPLETED THE NEWLY WASATCH AND MESAVERDE FORMATIONS. THE OPERATOR HAS COMMINGLED THE NEWLY WASATCH AND MESAVERDE FORMATIONS ALONG WITH THE EXISTING MESAVERDE FORMATIONS. THE OPERATOR HAS PLACED THE SUBJECT WELL LOCATION BACK ON PRODUCTION ON 09/04/2009 AT 10:00 AM. PLEASE REFER TO THE ATTACHED RECOMPLETION CHRONOLOGICAL WELL HISTORY.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 September 15, 2009

NAME (PLEASE PRINT) Sheila Wopsock	PHONE NUMBER 435 781-7024	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 9/10/2009

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 921-13LT		Spud Conductor: 4/11/2008	Spud Date: 4/18/2008
Project: UTAH-UINTAH		Site: NBU 921-13LT	Rig Name No: GWS 1/1
Event: RECOMPL/RESEREVEADD		Start Date: 8/20/2009	End Date: 9/1/2009
Active Datum: RKB @4,855.00ft (above Mean Sea Level)		UWI: NBU 921-13LT	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
8/20/2009	7:00 - 7:30	0.50	COMP	48		P		HSM. PINTCH POINTS.
	7:30 - 14:00	6.50	COMP	31	I	P		FLOWING WELL PSI 50#. BLOW WELL DOWN T/ FBT. RIG PUMP T/ TBG. PUMP 20 BBL'S T/ CONT WELL. NDWH, NU BOP. UNLAND TBG. LD 7 1/16 TBG HNGR. POOH W/ 2 3/8 L-80 PROD TBG. LD 20 JT'S OF TBG FOR DRL OUT & STD BACK 312 JT'S. LD BHA. TURN WELL DOWN SALES LINE. SDFN. (TBG HAD NO SCALE ON ID OR OD.)
8/21/2009	7:00 - 7:30	0.50	COMP	48		P		HSM. DONT WALK UNDER WL.
	7:30 - 15:00	7.50	COMP	34	I	P		FLOWING WELL PSI 50 #. OPEN WELL ND BOP, NU 4 1/16 FRAC VALVES. WAIT FOR WEATHERFORD 10K 7 1/16 FRAC VALVES. WEATHERFORD BIULT THE WRONG FRAC VALVE SET. TURN WELL DOWN SALES LINE. SDFN.
8/22/2009	7:00 - 7:30	0.50	COMP	48		P		HSM. DON'T WORK UNDER HEAVY LOADS.
	7:30 - 18:00	10.50	COMP	37	B	P		FLOWING WELL PSI 50#. BLOW WELL T/ FBT. RIG PUMP T/ CSG. PUMP 40 BBLS T-MAC T/ CONT WELL. USE RIG BLOCKS T/ SET 7" 10K FRAC VALVES & NU FRAC VALVE. MIRU SCHLUMBERGER WL & B&C QUICK TEST. PU 4 1/2 12K HAL CBP. RIH STACK OUT ON LT @ 7800', 3 TIMES. 4TH TIME FELL THROUGH. CONT RIH T/ 9666' & SET CBP. POOH. RIG PUMP T/ CSG. FILL CSG W/ 150 BBLS OF T-MAC. PSI T/ 4000# W/ RIG PUMP, CONT PSI T/ 7500# W/ B&C QUICK TEST. GOOD TEST. BLEED OFF PSI. RDMO B&C QUICK TEST. PU 3 3/8 EXP GUN, 23 GM, .36 HOLE SIZE. 90 & 120 DEG PHASING. RIH PERF F/ 9634'-36', 3 SPF, 6 HOLES. 9560'-64', 4 SPF, 16 HOLES. 9492'-94', 3 SPF, 6 HOLES. 9430'-34', 3 SPF, 12 HOLES. POOH. RDMO SCHLUMBERGER WL. SWI, SDFWE. READY T/ FRAC.
8/24/2009	7:00 - 7:30	0.50	COMP	48		P		HSM.

US ROCKIES REGION

Operation Summary Report

Well: NBU 921-13LT		Spud Conductor: 4/11/2008		Spud Date: 4/18/2008	
Project: UTAH-UINTAH		Site: NBU 921-13LT		Rig Name No: GWS 1/1	
Event: RECOMPL/RESEREVEADD		Start Date: 8/20/2009		End Date: 9/1/2009	
Active Datum: RKB @4,855.00ft (above Mean Sea Level)			UWI: NBU 921-13LT		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:30 - 18:30	11.00	COMP	36	B	P		<p>FLOWING WELL PSI 50#.</p> <p>MIRU FRAC TECH & SCHLUMBERGER WL. STG 1)7:15 AM OPEN WELL 1109#. BEG PUMP, BRK @ 2752# @ 8.3 BPM. SD ISIP 2450#, FG .69. BEG FRAC, EST INJT @ 50 BPM @ 5400# CALC PERF'S OPEN 80%. PUMP 108,899# 30/50 WHITE & TAIL IN W/ 5,000# 20/40 TLC. SD ISIP 2835#, FG .73. SWI, X-OVER FOR WL.</p> <p>STG 2)PU 4 1/2 8K HAL CBP & 3 3/8 EXP GUN, 23 GM, .36 HOLE SIZE. 90 & 120 DEG PHASING. RIH SET CBP @ 9355', P/U PERF F/ 9320'-24', 4 SPF, 16 HOLES. 9234'-36', 3 SPF, 6 HOLES. 9184'-36', 3 SPF, 12 HOLES. 9122'-24', 3 SPF, 6 HOLES. POOH. X-OVER FOR FRAC CREW. OPEN WELL 1850#. BEG PUMP, BRK @ 3096# @ 8 BPM. SD ISIP 2575#, FG .71. BEG FRAC. EST INJT RT @ 50 BPM @ 4579# CALC PERF'S OPEN 100%. PUMP 42,485# 30/50 WHITE & TAIL IN W/ 5,000# 20/40 TLC. SD ISIP 2728#, FG .73. SWI, X-OVER FOR WL.</p> <p>STG 3)PU 4 1/2 8K HAL CBP & 3 3/8 EXP GUN, 23 GM, .36 HOLE SIZE. 90 & 120 DEG PHASING. RIH SET CBP @ 9100' P/U PERF F/ 9066'-68', 3 SPF, 6 HOLES. 9050'-52', 3 SPF, 6 HOLES. 9000'-02', 3 SPF, 6 HOLES. 8960'-64', 4 SPF, 16 HOLES. 8878'-80', 3 SPF, 6 HOLES. POOH. X-OVER FOR FRAC CREW. OPEN WELL 1880#. BEG PUMP, BRK @ 3992# @ 6.8 BPM. SD ISIP 2467#, FG .71. BEG FRAC, EST INJT RT @ 47 BPM @ 4500# CALC PERFS OPEN 73%. PUMP 29,510# 30/50 WHITE & 5,000# 20/40 TLC. SD ISIP 2473#, FG .71. SWI, X-OVER FOR WL.</p> <p>STG 4)PU 4 1/2 8K HAL CBP & 3 3/8 EXP GUN. 23 GM, .36 HOLE SIZE. 90 & 120 DEG PHASING. RIH SET CBP @ 8856' P/U PERF F/ 8822'-24', 3 SPF, 6 HOLES. 8758'-62', 3 SPF, 12 HOLES. 8668'-70', 3 SPF, 6 HOLES. 8642'-46', 4 SPF, 16 HOLES. POOH. WHILE PULLING INTO LUBE W/ GUN WL BECAME STUCK IN GREASE HEAD. BLEED OFF WELL PSI. NOCK OFF LUBE, PU ON LUBE W/ RIG WINCH. WL TOOLS CAME UP W/ RIG WINCH. WORK WINCH UP & DOWN WL BECAME FREE. BRK SETTING OFF OF GUN & LD GUN & SETTING TOOL. ((FOUND THAT BLACK TAPE WAS STUCK ON WL.)) OPEN WELL 83#. BEG PUMP BRK @ 3487# @ 6.7 BPM. SD ISIP 2479#, FG .72. BEG FRAC, EST INJRT @ 51.6 BPM @ 5255# CALC PERF'S OPEN 88% OPEN. PUMP 41,375# 30/50 WHITE & TAIL IN W/ 5,000# 20/40 TLC. SD ISIP 2746#, FG .75. SWI, X-OVER FOR WL.</p> <p>STG 5)PU 4 1/2 8K HAL CBP & 3 3/8 EXP GUN, 23</p>

US ROCKIES REGION

Operation Summary Report

Well: NBU 921-13LT		Spud Conductor: 4/11/2008		Spud Date: 4/18/2008	
Project: UTAH-UINTAH		Site: NBU 921-13LT		Rig Name No: GWS 1/1	
Event: RECOMPL/RESEREVEADD		Start Date: 8/20/2009		End Date: 9/1/2009	
Active Datum: RKB @4,855.00ft (above Mean Sea Level)			UWI: NBU 921-13LT		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
								GM, .36 HOLE SIZE. 90 & 120 DEG PHASING. RIH SET CBP @ 8436' P/U PERF F/ 8404'-06', 3 SPF, 6 HOLES. 8382'-86', 4 SPF, 16 HOLES. 8336'-38', 3 SPF, 6 HOLES. 8304'-08', 3 SPF, 12 HOLES. POOH. X-OVER FOR FRAC CREW. OPEN WELL 1156#. BEG PUMP, BRK @ 2135# @ 8.6 BPM. SD ISIP 1821#, FG .65. BEG FRAC, EST INJTRT @ 52 BPM @ 3000# CALC PERFS OPEN 78% OPEN. PUMP 61,514# 30/50 WHITE & TAIL IN W/ 5,000# 20/40 TLC. SD ISIP 2405#, FG .72. SWI. SDFN. PREP T/ WL IN THE :AM.
8/25/2009	7:00 - 7:30	0.50	COMP	48		P		HSM. FRACING & -PERFORATING & CHANGING WELL HEAD FOR 7" CASING.
	7:30 - 9:30	2.00	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 HALLIBURTON CBP @ 8,088'. PERF 8,052' - 58' 4 SPF, 8,030' - 34' SPF, 40 HOLES. WHP 1,346 PSI, BRK 6,228 PSI @ 8 BPM, ISIP 2,104 PSI, FG .69. PUMP 100 BBLS @ 51.5 BPM @ 3,300 PSI = 78% HOLES OPEN. MP 7,273 PSI, MR 52.1 BPM, AP 4,098 PSI, AR 36.8 BPM, ISIP 1,940 PSI, FG .67, NPI -164 PSI. PUMP 1,466 BBLS OF SW & 52,813 LBS 30/50 SAND & 5,000 LBS 20/40 RESIN TOTAL PROP 57,813 LBS.
	9:30 - 15:00	5.50	COMP	34	I	P		STG 7) PU 4 1/2" HALLIBURTON CBP & RIH SET CBP @ 7,900'. POOH. PU 7" WEATHERFORD CBP & 3 3/8" EXP GNS, 23 GRM, .36 HOLES 90 DEG PHASING. RIH TO SET 7" CBP @ 7,795'. CBP DID NOT SET. ATTEMPTED TO SET CBP AGAIN IT WOULD NOT SET. RAISED CBP & LOWERED IT. IT WOULD NOT SET. STARTED OUT OF HOLE SLOWLY. CBP GOT STUCK @ 7,622, COULD NOT GO UP OR DOWN. CHECKED W/ OFFICE & WE PULLED OUT OF ROPE SOCKET.
	15:00 - 16:30	1.50	COMP	47	A	S		RD SCHLUMBERGER & RD FRAC TECH'S LINES. ND FRAC VALVES NU BOP. PREP TO FISH IN AM.
8/26/2009	7:00 - 7:30	0.50	COMP	48		P		HSM. FISHING & TRIPPING PIPE W/ LIVE GUNS
	7:30 - 16:00	8.50	COMP	31	B	P		WHP 0 PSI. PU FISHING TOOLS OVERSHOT, XO SUB, BUMPER SUB, JARS, XO SUB, & 6' PUP. RIH W/ 247 JTS TAG FISH TOP @ 7,768'. SET OFF JARS 4 TIMES FISH CAME LOOSE. PUSHED 7" CBP DOWN TO LINER. POOH HAD PERF GUNS ON BUT DID NOT HAVE 7" CBP. RU SCHLUMBERGER PU SINKER BAR & COLLAR LOCATOR. RIH TO CHECK WERE 7" CBP IS LOCATED. CBP @ 7,799'. POOH W/ WIRE LINE. ND BOP NU FRAC VALVES. RU SLB 10 K EQUIPMENT.
								AFTER GETTING GUNS FISHED WE FOUND THAT THE SETTING TOOL HAD NOT WENT OFF. THE WIRING CHECKED GOOD THRU THE GUNS BUT THERE WAS A SHORT BETWEEN THE GUN & THE SETTING TOOL.

US ROCKIES REGION

Operation Summary Report

Well: NBU 921-13LT		Spud Conductor: 4/11/2008	Spud Date: 4/18/2008
Project: UTAH-UINTAH		Site: NBU 921-13LT	Rig Name No: GWS 1/1
Event: RECOMPL/RESEREVEADD		Start Date: 8/20/2009	End Date: 9/1/2009
Active Datum: RKB @4,855.00ft (above Mean Sea Level)		UWI: NBU 921-13LT	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
8/27/2009	7:00 - 7:30	0.50	COMP	48		P		HSM. FRACING & PERFORATING
	7:30 - 8:55	1.42	COMP	36	B	P		STG 7) PU 3 1/8" EXP GNS, 23 GRM, .36 HOLES, 90 DEG PHASING. RIH PERF 7,770' - 80' 4 SPF, 40 HOLES. WHP 0 PSI, BRK 2,247 PSI @ 6.9 BPM, ISIP 1,631 PSI, FG .64. PUMP 100 BBLS @ 50 BPM @ 3,870 PSI = 60% HOLES OPEN. MP 3,992 PSI, MR 53.1 BPM, AP 3,547 PSI, AR 50.4 BPM, ISIP 2,218 PSI, FG .72, NPI 587PSI, PMPD 1,087 BBLS SW & 24,907 LBS OF 30/50 SND & 5,000 LBS OF 20/40 RESIN TOTAL PROP 29,907 LBS.
	8:55 - 10:57	2.03	COMP	36	B	P		STG 8) PU 7" WEATHERFORD CBP & 3 1/8" EXP GNS, 23 GRM, .36 HOLES, 90 DEG PHASING. RIH SET 7" CBP @ 6,784' & PERF 6,748' - 54', 6,622' - 26' 4 SPF, 40 HOLES. WHP 0 PSI, BRK 2,758 PSI @ 8.2 BPM, ISIP 1,701 PSI, FG .69. PUMP 100 BBLS @ 51 BPM @ 4,000 PSI = 62% HOLES OPEN. MP 6,548 PSI, MR 55.6 BPM, AP 3,582 PSI, AR 48.6 BPM, ISIP 1,406 PSI, FG .64, NPI - 295PSI, PMPD 913 BBLS SW & 16,156 LBS OF 30/50 SND & 5,000 LBS OF 20/40 RESIN TOTAL PROP 21,156 LBS.
	10:57 - 12:46	1.82	COMP	36	B	P		STG 9) PU 7" WEATHERFORD CBP & 3 1/8" EXP GNS, 23 GRM, .36 HOLES, 90 DEG PHASING. RIH SET 7" CBP @ 5,676' & PERF 5,626' - 36', 4 SPF, 40 HOLES. WHP 0 PSI, BRK 4,311 PSI @ 6.5 BPM, ISIP 1,779 PSI, FG .74. PUMP 100 BBLS @ 50 BPM @ 3,800 PSI = 60% HOLES OPEN. MP 5,801 PSI, MR 52.7 BPM, AP 2,888 PSI, AR 51.5 BPM, ISIP 913 PSI, FG .60, NPI - 866 PSI, PMPD 869 BBLS SW & 32,266 LBS OF 30/50 SND & 5,000 LBS OF 20/40 RESIN TOTAL PROP 37,266 LBS.
	12:46 - 18:00	5.23	COMP	34	I	P		KILL PLG) PU 7" WEATHERFORD 8K CBP & RIH SET 5,576'. RDMO FRAC TECH & SCHLUMBERGER. MD FRAC VALVES NU BOP. PU SLIDING SLEEVE & 6 1/8" BIT RIH 5,396'. PREPED TO DRLG 7" CBP IN AM. SWI SDFN.
8/28/2009	7:00 - 7:30	0.50	COMP	48		P		HSM. DRLG CBP & USING POWER SWIVEL

US ROCKIES REGION

Operation Summary Report

Well: NBU 921-13LT	Spud Conductor: 4/11/2008	Spud Date: 4/18/2008
Project: UTAH-UINTAH	Site: NBU 921-13LT	Rig Name No: GWS 1/1
Event: RECOMPL/RESEREVEADD	Start Date: 8/20/2009	End Date: 9/1/2009
Active Datum: RKB @4,855.00ft (above Mean Sea Level)	UWI: NBU 921-13LT	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:30 - 7:30	0.00	COMP	44	C	P		<p>WHP 0 PSI. RU POWER SWIVEL & BRK CIRCULATION. RIH</p> <p>C/O 20' OF SAND TAG PLG 1 @ 5,576' DRL PLG IN 1:50 MIN. 0 PSI INCREASE. RIH</p> <p>C/O 30' OF SAND TAG PLG 2 @ 5,676' DRL PLG IN 50 MIN 350 PSI INCREASE. RIH</p> <p>C/O 30' OF SAND TAG PLG 3 @ 6,780' DRL PLG IN 40 MIN 400 PSI INCREASE. RIH</p> <p>C/O 10' OF SAND TAG PLG 4 @ 7,795' DRL PLG IN 30 MIN.</p> <p>THIS PLUG WAS ON TOP OF LINER THERE IS ANOTHER CBP IN 4 1/2" LINER. CIRC WELL CLEAN.</p> <p>POOH W/ 75 JTS EOT @ 5,396'.</p> <p>TURN WELL OVER TO FLOW TESTERS TO FLOW WELL OVER WEEK END.</p> <p>SO WE CAN KILL WELL ON MONDAY TO CHANGE OUT 6 1/8" BIT TO A 3 7/8" BIT.</p>
8/29/2009	7:00 -			33	A			<p>7 AM FLBK REPORT: CP 50#, TP 0#, OPEN/64" CK, 28 BWPH, TRACE SAND, - GAS</p> <p>TTL BBLs RECOVERED: 1048</p> <p>BBLs LEFT TO RECOVER: 11616</p>
8/30/2009	7:00 -			33	A			<p>7 AM FLBK REPORT: CP 200#, TP 0#, OPEN/64" CK, 18 BWPH, TRACE SAND, LIGHT GAS</p> <p>TTL BBLs RECOVERED: 1791</p> <p>BBLs LEFT TO RECOVER: 10873</p>
8/31/2009	7:00 -			33	A			<p>7 AM FLBK REPORT: CP 150#, TP 0#, OPEN/64" CK, 2 BWPH, TRACE SAND, LIGHT GAS</p> <p>TTL BBLs RECOVERED: 1986</p> <p>BBLs LEFT TO RECOVER: 10678</p>
	7:00 - 7:30	0.50	COMP	48		P		JSA- CONTROLLING WELL. H2S.
	7:30 - 16:00	8.50	COMP	31	I	P		<p>SITP 0. WELL FLOWED UP CSG OVER WEEKEND. FCP 150 PSI, NO CHOKE, MAKING 2 BWH. POOH W/ 40-JTS. EOT 3150'. PMP 50 BBLs TMAC DOWN TBG TO CONTROL WELL. HOOK PMP TO CSG AND TRICKLE TMAC AS FIN POOH W/ TBG. LD 6-1/8" BIT AND PUMP OPEN SUB. MU 3-7/8" HURRICANE MILL, POBS, 1.87" XN-NIPPLE AND RIH. CONTROLLED WELL W/ 130 BBLs TOTAL. TAG SAND AT 7750'. PU PWR SWIVEL AND START AIR/FOAM DOWN TBG. 35 MIN TO GET CIRC. C/O 37' SAND TO 4-1/2" LINER TOP (SLM 7787'). WORK MILL 1-HR TO GET INTO LINER. CONT RIH.</p> <p>D/O CBP REMAINS AND C/O 30' SAND TO #1) 4-1/2" CBP AT 7900'. D/O PLUG IN 5 MIN. 200 PSI INCREASE. SHUT DOWN AIR/FOAM. RIH TO TAG SAND.</p> <p>ATTEMPT TO CIRC W/ WTR. PMP 50 BBLs, UNABLE TO CATCH PRESSURE. START AIR/FOAM DOWN TBG.</p> <p>C/O 30' SAND TO #2) 4-1/2" CBP AT 8088'. D/O PLUG IN 15 MIN. NOTE: PLUG PUSHING UP ON STRING, LOST 25K. SHUT DOWN AIR AND CONTROL W/ TMAC. LET PLUG EQUALIZE AND CIRC CLEAN.</p> <p>HANG PWR SWIVEL AND POOH W/ 12-JTS TO GET OUT OF LINER. 243-JTS IN. MILL AT 7698'. SDFN.</p>

US ROCKIES REGION

Operation Summary Report

Well: NBU 921-13LT		Spud Conductor: 4/11/2008		Spud Date: 4/18/2008	
Project: UTAH-UINTAH		Site: NBU 921-13LT		Rig Name No: GWS 1/1	
Event: RECOMPL/RESEREVEADD		Start Date: 8/20/2009		End Date: 9/1/2009	
Active Datum: RKB @4,855.00ft (above Mean Sea Level)			UWI: NBU 921-13LT		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
9/1/2009	7:00 - 7:30	0.50	COMP	48		P		JSA- PWR SWIVEL
	7:30 - 19:00	11.50	COMP	31		P		<p>SITP 700 (FOAM/AIR), SICP 1200. OPEN CSG TO FBT. BLEED OFF TBG. WAS GOING TO RUN BACK IN HOLE, MILL STUCK. HOOK RIG PMP TO TBG- ABLE TO CIRC. WORK TBG, NO CHANGE. RU PWR SWIVEL- WORK TBG AND CAME FREE (POSS CBP/SLIP REMAINS). HANG PWR SWIVEL. RIH TO LINER TOP AT 7787'. COULD ONLY GET 2' INTO LINER. PU PWR SWIVEL AND C/O LINER TOP. CONT RIH TO D/O CBP'S</p> <p>CBP #7-- C/O 30' SAND TO CBP AT 8436'. D/O PLUG IN 15 MIN. 400 PSI INCREASE. RIH. CBP#8--C/O 30 SAND TO CBP AT 8854'. D/O PLUG IN 6 MIN. 300 PSI INCREASE. RIH. CBP #9-- C/O 30' SAND TO CBP AT 9098'. D/O PLUG IN 9 MIN. 1300 PSI INCREASE. RIH. CBP #10-- C/O 30' SAND TO CBP AT 9354'. D/O PLUG IN 14 MIN. 2300 PSI INCREASE. WAIT FOR WELL TO SETTLE DOWN. RIH. CBP #11 (12K)-- C/O 30' SAND TO CBP AT 9666'. D/O PLUG IN 15 MIN. 1400 PSI INCREASE (FROM BLACK HAWK). LET WELL SETTLE DOWN. RIH RIH TO 10890' W/ 344-JTS IN (132' RATHOLE). HAD PROBLEMS W/ TARGET T'S AND LINES WASHING OUT.</p> <p>POOH AS LD 18-JTS. NOW FLOW BACK TANK WASHING OUT. SHUT CSG IN TO WORK ON LINES. TBG START TO FLOW-- FLOATS NOT HOLDING NOW. CONFER W/ ROBERT. OPEN CSG TO FBT. PMP 40 BBLS DOWN TBG. PU 7" 10K HANGER. LUB IN AND LAND 326-JTS 2-3/8" L-80 TBG W/ EOT AT 10,324.15'. SHUT WELL IN. X-OUT FBT. OPEN CSG TO FBT. PMP 20 BBLS DOWN TBG. RD FLOOR AND ND BOP. DROP BALL AND NU WH. SHUT CSG IN.PMP 50 BBLS DOWN TBG. DID NOT SEE POBS RELEASE. RACK OUT EQUIP. RDSU. SICP 1725. TBG START FLOWING AFTER 45 MIN. TURN WELL OVER TO FLOW BACK CREW.</p> <p>TBG DETAIL KB 19.00 RCVR 2260 BBLS 7" 10K FMC HANGER 1.00 LTR 8418 BBLS 326-JTS 2-3/8" L-80 TBG 10,301.95 35-JTS DELIVERED 1.87" XN NIPPLE 2.20 41-JTS RETURNED EOT 10,324.15</p>
9/2/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 2450#, TP 1650#, 20/64" CK, 42 BWPH, TRACE SAND, LIGHT GAS TTL BBLS RECOVERED: 4808 BBLS LEFT TO RECOVER: 7856
9/3/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 2475#, TP 1650#, 20/64" CK, 30 BWPH, TRACE SAND, MED GAS TTL BBLS RECOVERED: 5610 BBLS LEFT TO RECOVER: 7054
9/4/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 2300#, TP 1600#, 20/64" CK, 24 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 6249 BBLS LEFT TO RECOVER: 6415

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01193
1. TYPE OF WELL Gas Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	8. WELL NAME and NUMBER: NBU 921-13LT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1465 FSL 0792 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 13 Township: 09.0S Range: 21.0E Meridian: S	9. API NUMBER: 43047392450000
PHONE NUMBER: 720 929-6511	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/20/2013	<input checked="" type="checkbox"/> OTHER		
<input type="checkbox"/> SPUD REPORT Date of Spud:	OTHER: <input style="width: 100px;" type="text" value="Production Enhancement"/>		
<input type="checkbox"/> DRILLING REPORT Report Date:			

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

The operator conducted the following workover/wellbore cleanout on the subject well on 03/20/2013. Please see the attached chronological well history for details. Thank you.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 May 09, 2013**

NAME (PLEASE PRINT) Teena Paulo	PHONE NUMBER 720 929-6236	TITLE Staff Regulatory Specialist
SIGNATURE N/A	DATE 5/9/2013	

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 921-13LT		Spud Conductor: 4/11/2008		Spud Date: 4/18/2008				
Project: UTAH-UINTAH			Site: NBU 921-13LT			Rig Name No: MILES 2/2		
Event: WELL WORK EXPENSE			Start Date: 3/19/2013			End Date: 3/20/2013		
Active Datum: RKB @4,855.00usft (above Mean Sea Level)				UWI: NBU 921-13LT				

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
3/19/2013	7:00 - 7:15	0.25	MAINT	48		P		HSM, SLIPS, TRIPS & FALLS, RIG MOVE
	7:15 - 14:00	6.75	MAINT	30	A	P		RD OFF NBU 921-29L, ROAD RIG, MIRU, SPOT EQUIP, CONTROL WELL W/ TMAC, ND WH, P/U ON TBG (STUCK) REMOVE HANGER & STRIP BOP OVER TBG, NU BOP, WORK STUCK PIPE FROM 20K - 85K CAME FREE, TALLY & PU TBG TO CHECK FOR FILL TAGGED @ 10,940', BTM PERF @ 10,758', POOH 10 STDS
	14:00 - 18:00	4.00	MAINT	45	A	P		MIRU SCAN TECH, POOH SCANNING TBG, JTS 247=7,812' (TOL), 248=7,844, 298=9,425' HEAVY SCALE OUTSIDE OF TBG 1/4" TO 3/8" THICK MAY BE WHERE IT WAS BRIDGED OFF, SCANNED 326 JTS, 312 YELLOW, 8 BLUE, 6 RED, LITE - MED EXTERNAL SCALE THRU OUT STRING, SWI, CLEAN SCALE OFF TONGS & SLIPS, DRAIN & WINTERIZE EQUIP, SDFN.
3/20/2013	7:00 - 7:15	0.25	MAINT	48		P		HSM, SLIPS, TRIPS & FALLS, CONTROLLING WELL, TRIPPING
	7:15 - 14:00	6.75	MAINT	31	I	P		SICP 500 PSI. PU OLD S/N & N/C RIH W/ TBG, TALLY & PU 6 JTS NEW TBG, RO SAND LINE & BROACH TBG W/ 1.906" BROACH TO S/N @ 10,332' RD S/L, PU HANGER & LAND W/ 326 JTS L-80 TBG @ 10,332.77', RD FLOOR & TBG EQUIP, ND BOP, NUWH, RDMO TO NBU 921-20M. TURN WELL BACK OVER TO PRODUCTION KB= 19' 7 1/16" FMC HANGER= .83' TBG DELIVERED 92 JTS 326 JTS 2 3/8" L-80 = 10,311.21' TBG USED 6 JTS 1/875" XN S/N&N/C= 1.73' TBG RETURNED 86 JTS EOT @ 10,332.77' NEW L-80 SAMUELS YARD WATER TO RECOVER 100 BBLS