

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-01191

6. If Indian, Allottee or Tribe Name

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

8. Lease Name and Well No.
NBU 1022-3K-4T

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

9. API Well No.
43-047-38488

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

4. Location of Well (Report location clearly and in accordance with any State requirements.)* *39. 474964*
At surface **NESW 1570'FSL, 2044'FWL** *634286X*
At proposed prod. Zone *44259531 -109. 437476*

11. Sec., T., R., M., or Blk, and Survey or Area
SEC 3, T10S, R22E

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

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

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) **1570'**

16. No. of Acres in lease
1041.78

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
8810'

20. BLM/BIA Bond No. on file
BOND NO: WY-2357

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5199'UNGRADED GL

22. Approximate date work will start*

23. Estimated duration

24. Attachments

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

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

25. Signature <i>Sheila Upchego</i>	Name (Printed/Typed) SHEILA UPCHEGO	Date 8/9/2006
Title REGULATORY ANALYST		
Approved by (Signature) <i>Bradley G. Hill</i>	Name (Printed/Typed) BRADLEY G. HILL	Date 08-28-06
Title ENVIRONMENTAL MANAGER	Office	

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

Conditions of approval, if any, are attached.

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

*(Instructions on reverse)

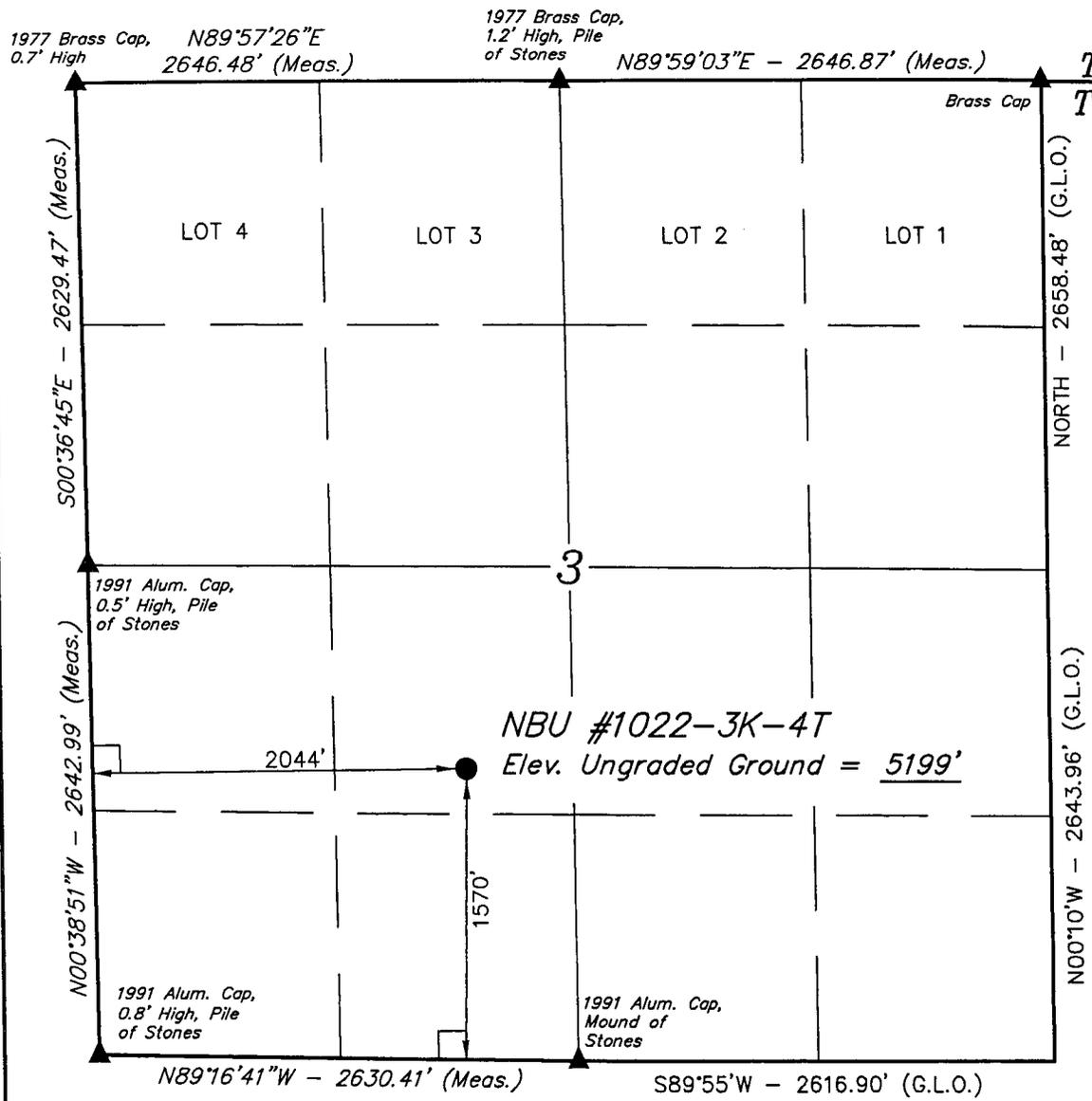
Federal Approval of this
Action is Necessary

AUG 21 2006

Kerr-McGee Oil & Gas Onshore LP

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

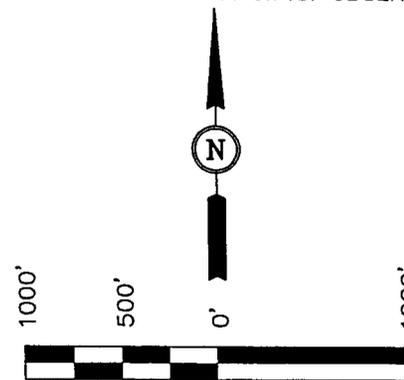
Well location, NBU #1022-3K-4T, located as Shown in the NE 1/4 SW 1/4 of Section 3, T10S, R22E, S.L.B.&M., Uintah County, Utah. BASIS OF ELEVATION



BENCH MARK (20EAM) LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

BASIS OF BEARINGS

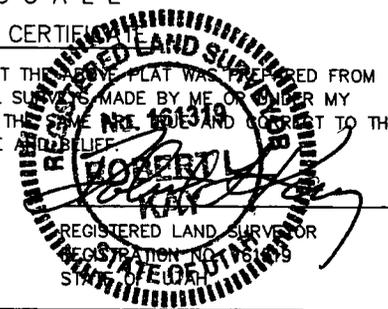
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



LEGEND:

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

(NAD 83)
 LATITUDE = 39°58'30.12" (39.975033)
 LONGITUDE = 109°25'41.30" (109.428139)
 (NAD 27)
 LATITUDE = 39°58'30.24" (39.975067)
 LONGITUDE = 109°25'38.84" (109.427456)

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 04-21-06	DATE DRAWN: 04-26-06
PARTY D.K. J.M. S.L.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE Kerr-McGee Oil & Gas Onshore LP	

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO:
3160
(UT-922)

August 28, 2006

Memorandum

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

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

API #	WELL NAME	LOCATION
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(Proposed PZ Wasatch/MesaVerde)

43-047-38486	NBU 1022-3C-2	Sec 03 T10S R22E 0094 FNL 1890 FWL
43-047-38488	NBU 1022-3K-4T	Sec 03 T10S R22E 1570 FSL 2044 FWL
43-047-38489	NBU 1022-4O-3	Sec 04 T10S R22E 0025 FSL 2081 FEL
43-047-38490	NBU 1022-5M-4T	Sec 05 T10S R22E 0526 FSL 1079 FWL
43-047-38491	NBU 1022-5H-4	Sec 05 T10S R22E 2563 FNL 0241 FEL
43-047-38487	NBU 1022-6K-3	Sec 06 T10S R22E 1844 FSL 1161 FWL
43-047-38492	NBU 1022-6O-3	Sec 06 T10S R22E 0038 FSL 2083 FEL
43-047-38493	NBU 1022-7J-2T	Sec 07 T10S R22E 2228 FSL 2207 FEL
43-047-38494	NBU 1022-9N-2T	Sec 09 T10S R22E 1086 FSL 1850 FWL
43-047-38485	NBU 922-34L-1	Sec 34 T09S R22E 2524 FSL 1094 FWL

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

/s/ Michael L. Coulthard

NBU #1022-3K-4T
SENE SW SEC 3-T10S-R22E
UINTAH COUNTY, UTAH
UTU-01191

ONSHORE ORDER NO. 1

DRILLING PROGRAM

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

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	1280'
Top of Birds Nest Water	1542'
Mahogany	2158'
Wasatch	4357'
Mesaverde	6701'
MVU2	7735'
MVL1	8276
TD	8810'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1280'
	Top of Birds Nest Water	1542'
	Mahogany	2158'
	Wasatch	4357'
Gas	Mesaverde	6701'
Gas	MVU2	7735'
Gas	MVL1	8276
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 8810' TD, approximately equals 5462 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3524 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

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

9. **Variations:**

Please see Natural Buttes Unit SOP.

10. **Other Information:**

Please see Natural Buttes Unit SOP.



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

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'				2270	1370	254000
SURFACE	9-5/8"	0 to 2050	32.30	H-40	STC	0.68*****	1.43	4.38
PRODUCTION	4-1/2"	0 to 8810	11.60	I-80	LTC	7780	6350	201000
						2.34	1.21	2.25

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 = 11.5 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 3330 psi
 ***** Burst SF is low but csg is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.8 ppg or 1.13 psi/ft

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18
Option 1	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		NOTE: If well will circulate water to surface, option 2 will be utilized					
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
PRODUCTION	LEAD	3,850'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	420	60%	11.00	3.38
	TAIL	4,960'	50/50 Poz/G + 10% salt + 2% gel +.1% R-3	1390	60%	14.30	1.31

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

FLOAT EQUIPMENT & CENTRALIZERS

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

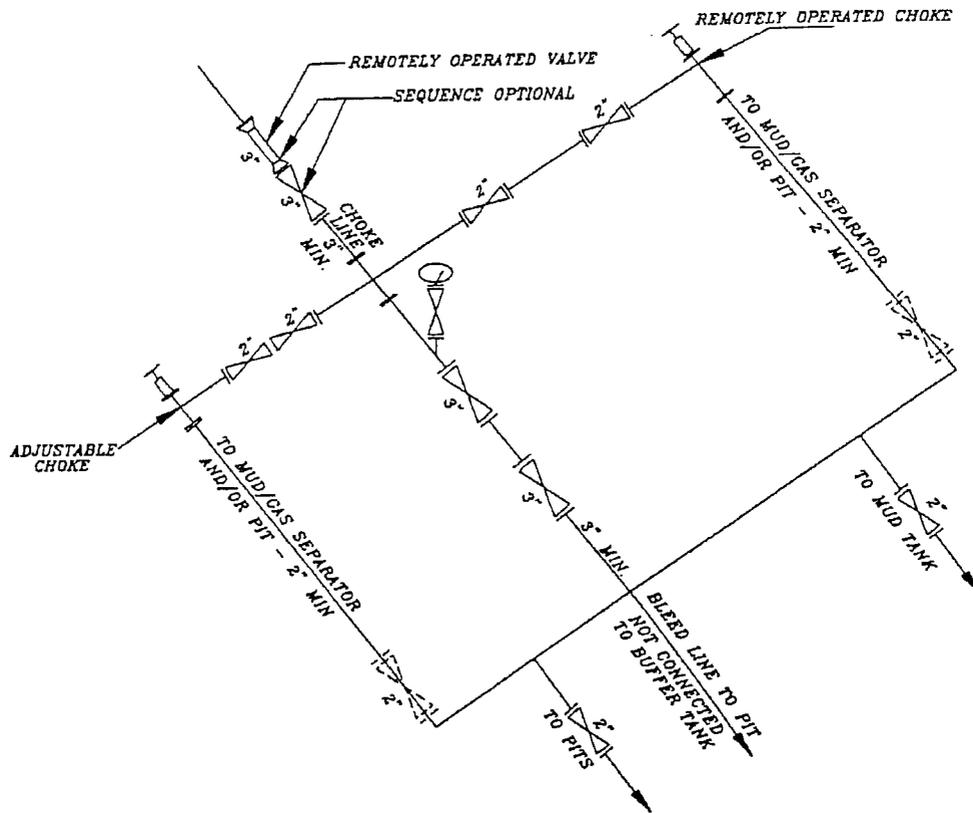
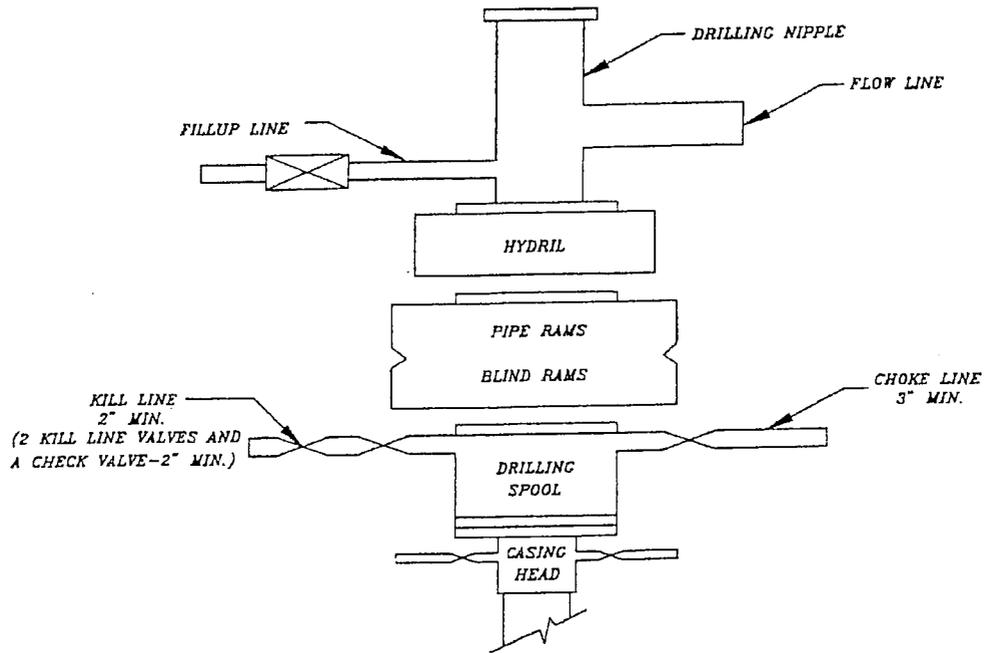
ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.
 BOPE: 11" 5M with one annular and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.
 Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.
 Most rigs have PVT Systems for mud monitoring. If no PVT is available, visual monitoring will be utilized.

DRILLING ENGINEER: _____
 Brad Laney
 DRILLING SUPERINTENDENT: _____
 Randy Bayne

DATE: _____
 DATE: _____

5M BOP STACK and CHOKE MANIFOLD SYSTEM



**NBU #1022-3K-4T
SENE SW SEC 3-T10S-R22E
UINTAH COUNTY, UTAH
UTU-01191**

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 150' +/- of re-route road is proposed. Please refer to the attached Topo Map B.

Approximately 150' +/- of new access road is proposed. Refer to 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 600' +/- of 4" pipeline is proposed. Refer to Topo Map D.

Variances to Best Management Practices (BMPs) Requested:

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

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

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

5. Location and Type of Water Supply:

Please see the Natural Buttes SOP.

6. Source of Construction Materials:

Please see the Natural Buttes SOP.

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

Please see the Natural Buttes SOP.

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

8. **Ancillary Facilities:**

Please see the Natural Buttes SOP.

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

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

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

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

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

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

Please see the Natural Buttes SOP.

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

Galleta Grass	20 lbs.
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Operator shall call the BLM for the seed mixture when final reclamation occurs.

11. Surface Ownership:

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

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

12. Other Information:

A Class III archaeological survey has been performed and completed on April 28, 2006; The archaeological report No. 06-181 is attached. The paleontological survey have been performed and will be filed when received by our office

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 the boundaries of the Unit.

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

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

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

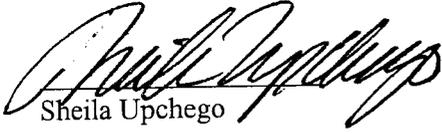
Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

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

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

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

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


Sheila Upchego

8/9/2006

Date

Kerr-McGee Oil & Gas Onshore LP
NBU #1022-3K-4T
SECTION 3, T10S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 11.2 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 8.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 3.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN RIGHT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 150' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 56.1 MILES.

Kerr-McGee Oil & Gas Onshore LP

NBU #1022-3K-4T

LOCATED IN UINTAH COUNTY, UTAH

SECTION 3, T10S, R22E, S.L.B.&M.

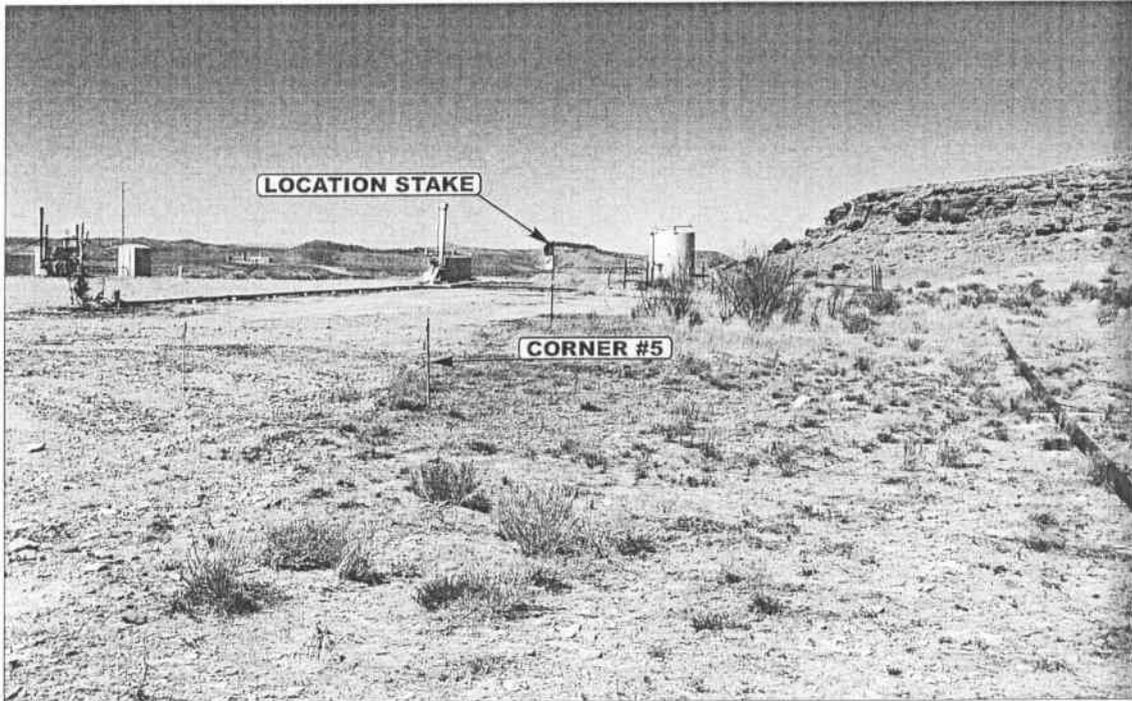


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: WESTERLY



PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: EASTERLY



- Since 1964 -

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

LOCATION PHOTOS

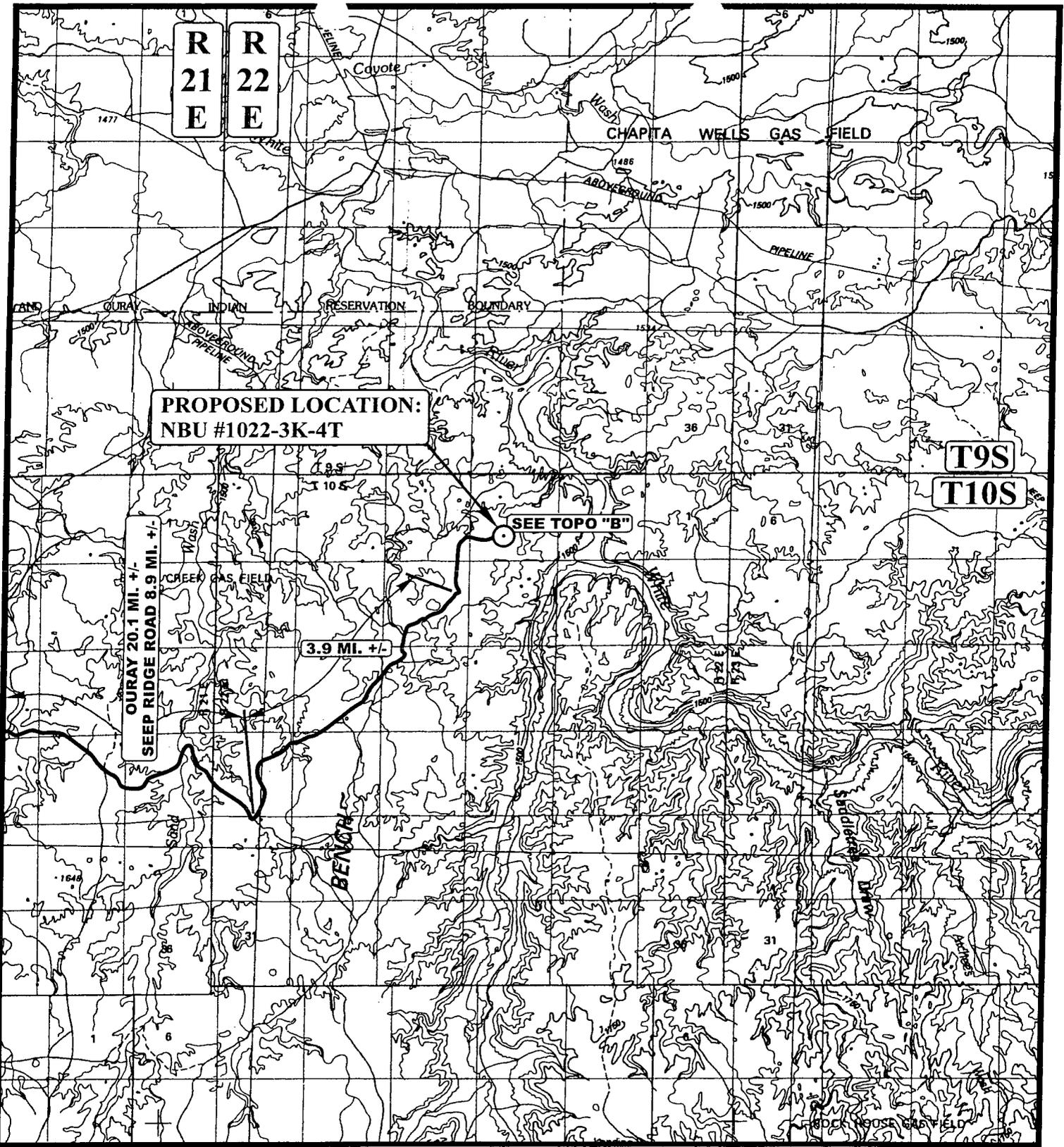
04 25 06
MONTH DAY YEAR

PHOTO

TAKEN BY: D.K.

DRAWN BY: C.P.

REVISED: 00-00-00



**PROPOSED LOCATION:
NBU #1022-3K-4T**

**OURAY 20.1 MI. +/-
SEEP RIDGE ROAD 8.9 MI. +/-**

3.9 MI. +/-

SEE TOPO "B"

**T9S
T10S**

**R
21
E**

**R
22
E**

LEGEND:

○ PROPOSED LOCATION



Kerr-McGee Oil & Gas Onshore LP

**NBU #1022-3K-4T
SECTION 3, T10S, R22E, S.L.B.&M.
1570' FSL 2044' FWL**



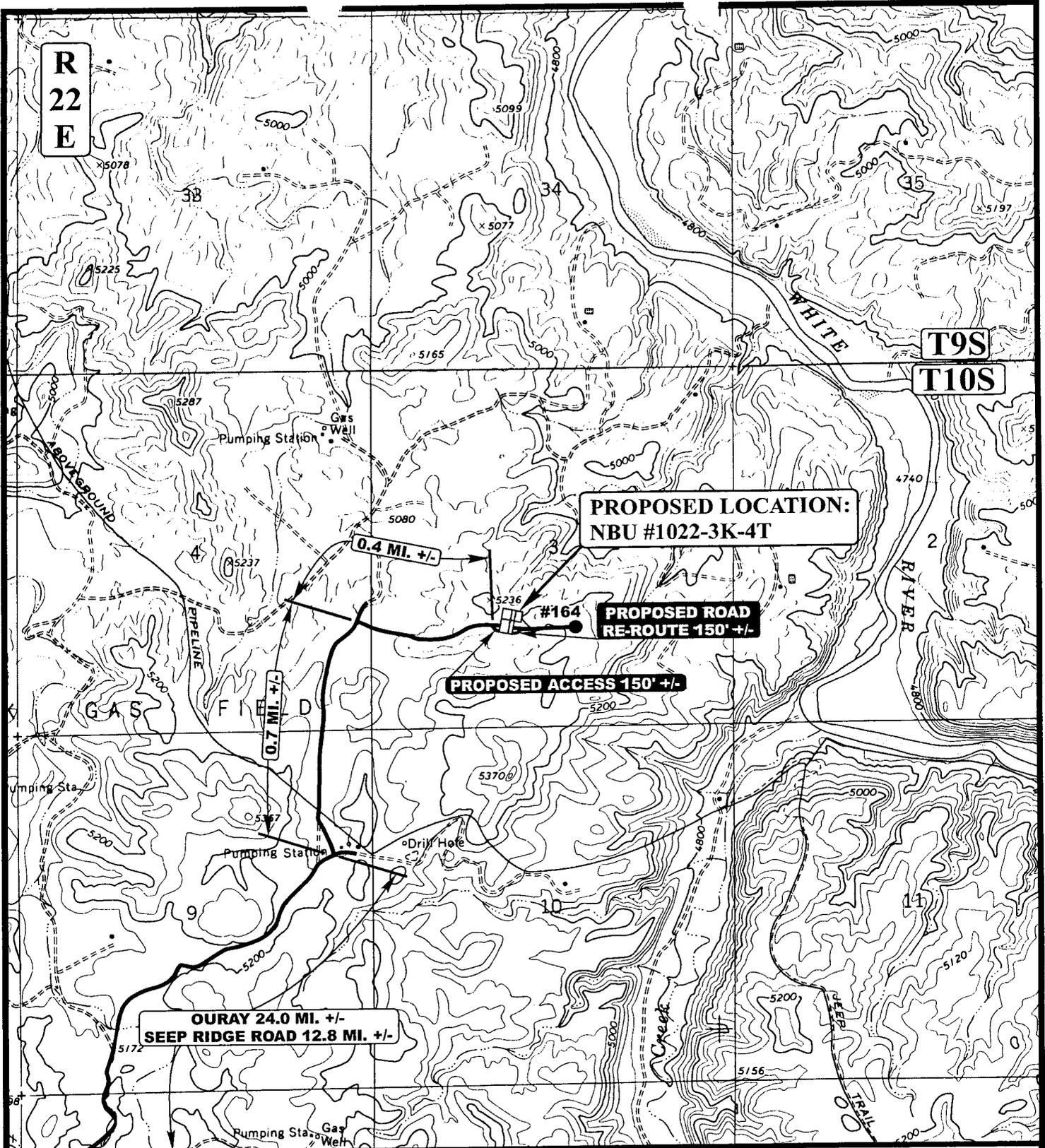
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
MAP**

04	25	06
MONTH	DAY	YEAR

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





LEGEND:

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD
-  PROPOSED ROAD RE-ROUTE



Kerr-McGee Oil & Gas Onshore LP

NBU #1022-3K-4T
 SECTION 3, T10S, R22E, S.L.B.&M.
 1570' FSL 2044' FWL



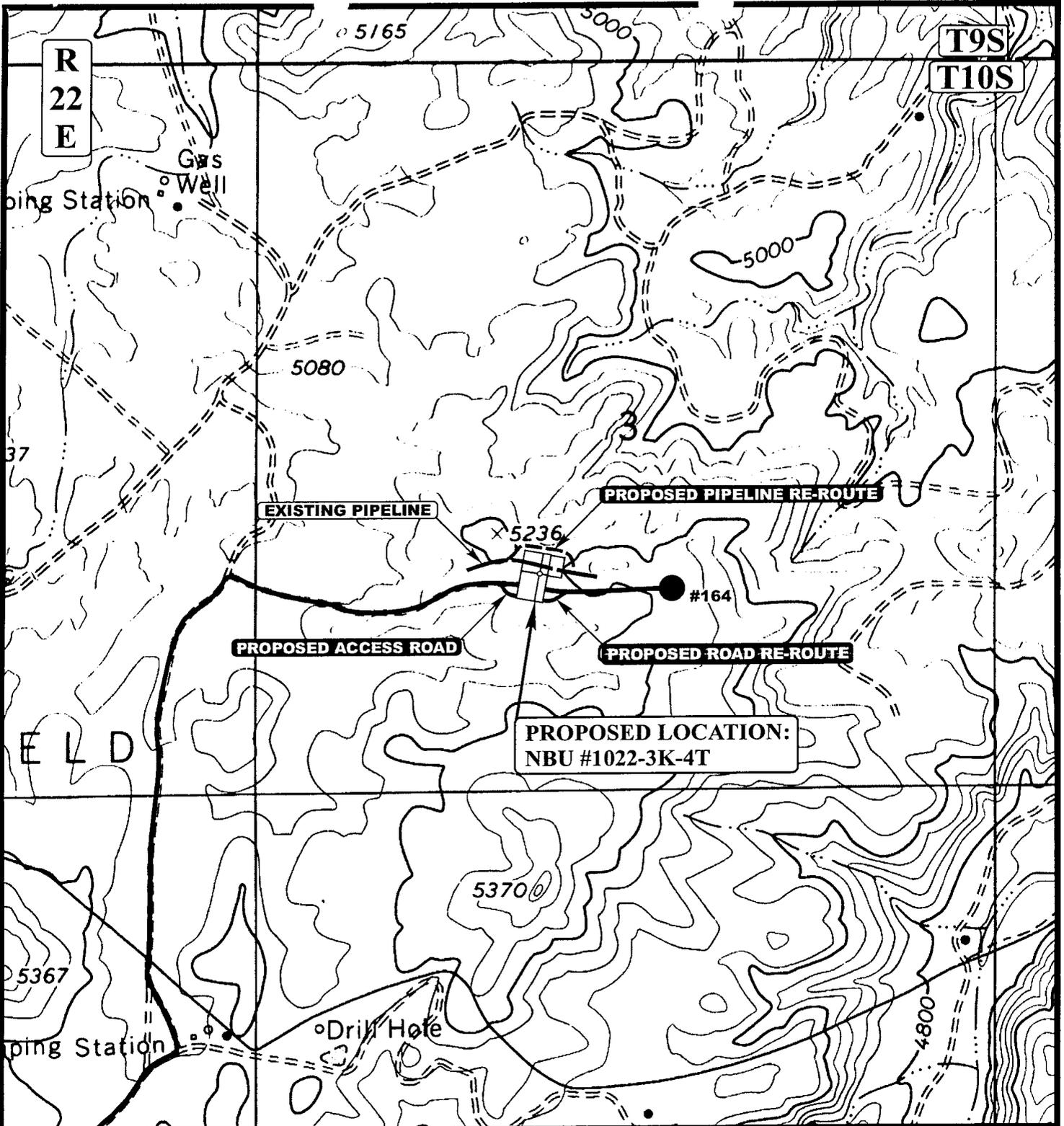
Utah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
 MAP

04	25	06
MONTH	DAY	YEAR



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



APPROXIMATE TOTAL PIPELINE RE-ROUTE DISTANCE = 600' +/-

LEGEND:

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE RE-ROUTE

Kerr-McGee Oil & Gas Onshore LP

NBU #1022-3K-4T
 SECTION 3, T10S, R22E, S.L.B.&M.
 1570' FSL 2044' FWL



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

TOPOGRAPHIC	04	25	06	D TOPO
MAP	MONTH	DAY	YEAR	
SCALE: 1" = 1000'	DRAWN BY: C.P.		REVISED: 00-00-00	

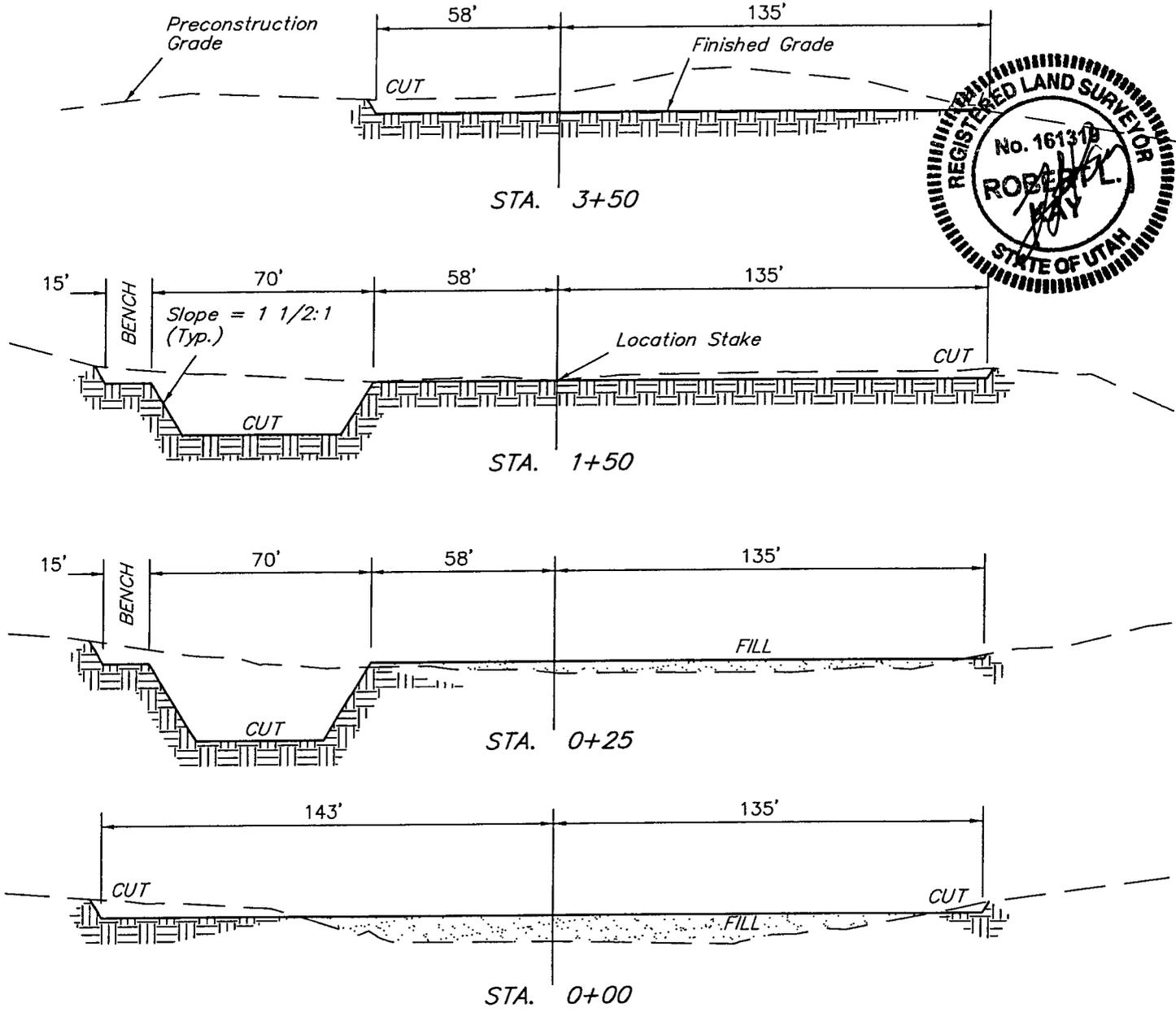
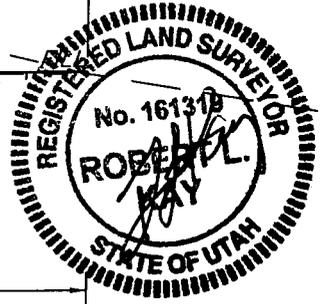
Kerr-McGee Oil & Gas Onshore LP

FIGURE #2

TYPICAL CROSS SECTIONS FOR
 NBU #1022-3K-4T
 SECTION 3, T10S, R22E, S.L.B.&M.
 1570' FSL 2044' FWL

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

DATE: 04-26-06
 Drawn By: S.L.



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

* NOTE:
 FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 860 Cu. Yds.
New Construction Only	
Remaining Location	= 4,470 Cu. Yds.
TOTAL CUT	= 5,330 CU.YDS.
FILL	= 760 CU.YDS.

EXCESS MATERIAL	= 4,570 Cu. Yds.
Topsoil & Pit Backfill	= 2,250 Cu. Yds.
(1/2 Pit Vol.)	
EXCESS UNBALANCE	= 2,320 Cu. Yds.
(After Interim Rehabilitation)	

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

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 08/21/2006

API NO. ASSIGNED: 43-047-38488

WELL NAME: NBU 1022-3K-4T
 OPERATOR: KERR-MCGEE OIL & GAS (N2995)
 CONTACT: SHEILA UPCHEGO

PHONE NUMBER: 435-781-7024

PROPOSED LOCATION:

NESW 03 100S 220E
 SURFACE: 1570 FSL 2044 FWL
 BOTTOM: 1570 FSL 2044 FWL
 COUNTY: UINTAH
 LATITUDE: 39.97496 LONGITUDE: -109.4275
 UTM SURF EASTINGS: 634286 NORTHINGS: 4425953
 FIELD NAME: NATURAL BUTTES (630)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-01191
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: WSMVD
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

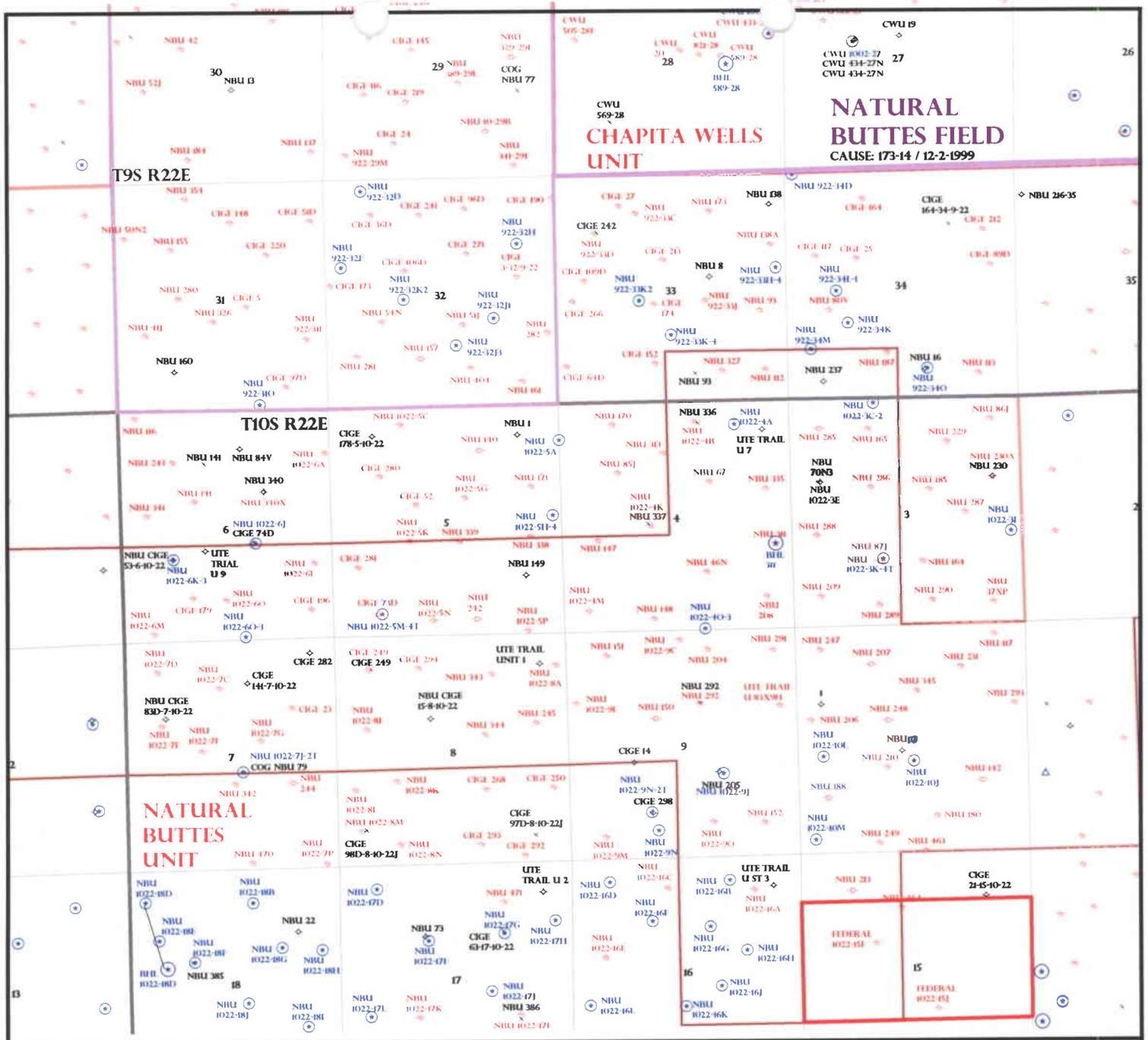
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. WY-2357)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-8496)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- R649-2-3.
- Unit: NATURAL BUTTES
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: 173 14
Eff Date: 12-2-199
Siting: 460' fr u bdr & unknown Traces
- R649-3-11. Directional Drill

COMMENTS: Sop, Separate Pbs

STIPULATIONS: 1- Federal Approval
2- OIL SHALE



OPERATOR: KERR MCGEE O&G (N2995)
 SEC: 3,4,5,6,7,9 T.10S R. 22E
 FIELD: NATURAL BUTTES (630)
 COUNTY: UINTAH
 CAUSE: 173-14 / 12-2-1999

Field Status	Unit Status
ABANDONED	EXPLORATORY
ACTIVE	GAS STORAGE
COMBINED	NF PP OIL
INACTIVE	NF SECONDARY
PROPOSED	PENDING
STORAGE	PI OIL
TERMINATED	PP GAS
	PP GEOTHERML
	PP OIL
	SECONDARY
	TERMINATED

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



PREPARED BY: DIANA WHITNEY
 DATE: 22-AUGUST-2006



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

August 28, 2006

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

Re: Natural Buttes Unit 1022-3K-4T Well, 1570' FSL, 2044' FWL, NE SW, Sec. 3,
T. 10 South, R. 22 East, Uintah County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38488.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

Operator: Kerr McGee Oil & Gas Onshore LP
Well Name & Number Natural Buttes Unit 1022-3K-4T
API Number: 43-047-38488
Lease: UTU-01191

Location: NE SW **Sec.** 3 **T.** 10 South **R.** 22 East

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Serial No.

UTU-01191

6. If Indian, Allottee or Tribe Name

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

UNIT #8910089 00A

8. Well Name and No.

NBU 1022-3K-4T

9. API Well No.

4304738488

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

KERR MCGEE OIL AND GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST, VERNAL, UTAH 84078

3b. Phone No. (include area code)

(435)781-7003

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

1570' FSL, 2044' FWL
NESW, SEC 3-T10S-R22E

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

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

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

THE OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE DIVISION OF OIL, GAS AND MINING ON AUGUST 28, 2006.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 07-18-07

By: 

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

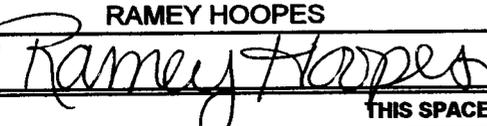
Name (Printed/Typed)

RAMEY HOOPES

Title

LAND SPECIALIST I

Signature



Date

July 5, 2007

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

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

Office

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)

7-20-07
RM

RECEIVED

JUL 17 2007

DIVISION OF OIL, GAS & MINING

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

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

API: 4304738488
Well Name: NBU 1022-3K-4T
Location: NESW, SEC 3-T10S-R22E
Company Permit Issued to: KERR-MCGEE OIL AND GAS ONSHORE LP
Date Original Permit Issued: 8/28/2006

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

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

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

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

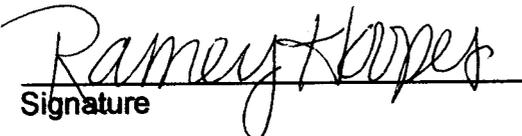
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

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

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

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

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


Signature

7/5/2007
Date

Title: LAND SPECIALIST I

Representing: Kerr McGee Oil and Gas Onshore LP

RECEIVED

JUL 17 2007

DIV. OF OIL, GAS & MINING

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

FORM 9

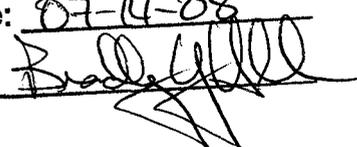
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01191
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: 891008900A
2. NAME OF OPERATOR: Kerr-McGee Oil & Gas Onshore, LP		8. WELL NAME and NUMBER: NBU 1022-3K-4T
3. ADDRESS OF OPERATOR: P.O. Box 173779 CITY Denver STATE CO ZIP 80217-3779		9. API NUMBER: 4304738488
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1570' FSL & 2044' FWL		10. FIELD AND POOL, OR WILDCAT: Natural Buttes Field
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 3 10S 22E		COUNTY: Uintah
		STATE: UTAH

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

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

Kerr-McGee Oil & Gas Onshore, LP, respectfully requests an APD Extension for one year for this location, so that drilling operations may be completed. The original APD was approved by the Utah Division of Oil, Gas, and Mining on 8/28/2006.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 07-14-08
By: 

COPY SENT TO OPERATOR
Date: 7.15.2008
Initials: KS

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

(This space for State use only)

RECEIVED
JUL 11 2008

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

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

API: 4304738488
Well Name: NBU 1022-3K-4T
Location: NESW, Sec. 3, T10S R22E
Company Permit Issued to: Kerr-McGee Oil & Gas Onshore, LP
Date Original Permit Issued: 8/28/2006

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

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

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

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

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

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

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

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

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


Signature

7/9/2008
Date

Title: Regulatory Analyst I

Representing: Kerr-McGee Oil & Gas Onshore, LP

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

AUG 10 2006

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

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: DRILL REENTER

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

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

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

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

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface **SENESEW 1570'FSL, 2044'FWL**

At proposed prod. Zone.

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

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)
1570'

16. No. of Acres in lease
1041.78

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
8810'

20. BLM/BIA Bond No. on file
BOND NO: WY-2357

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5199'UNGRADED GL

22. Approximate date work will start*

23. Estimated duration

24. Attachments

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

- | | |
|--|---|
| <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 8/9/2006
----------------	---	-------------------------

Title REGULATORY ANALYST	Name (Printed/Typed) Jesse Kevola	Date OCT 02 2008
------------------------------------	---	----------------------------

Approved by (Signature):	Name (Printed/Typed) Jesse Kevola	Date OCT 02 2008
--------------------------	---	----------------------------

Title Assistant Field Manager	Office VERNAL FIELD OFFICE	
---	--------------------------------------	--

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

Conditions of approval, if any, are attached.

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

*(Instructions on reverse)

RECEIVED

OCT 29 2008

DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

06 B M 1695 A

NOS 05/09/06

UDDGM



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

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	Kerr-McGee Oil & Gas Onshore, LP	Location:	NESW, Sec. 3, T10S, R22E
Well No:	NBU 1022-3K-4T	Lease No:	UTU-01191
API No:	43-047-38488	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	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	
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	(435) 828-4029
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

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

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

NOTIFICATION REQUIREMENTS

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

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

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

SITE SPECIFIC CONDITIONS OF APPROVAL

- During operations, if any vertebrate paleontological resources are discovered, all operations affecting such sites shall be immediately suspended, and all discoveries shall be left intact until authorized to proceed by the Authorized Officer. The appropriate Authorized Officer of the Vernal BLM office shall be notified within 48 hrs of the discovery, and a decision as to the preferred alternative/course of action will be rendered.
- The topsoil from the reserve pit should be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural contours, topsoil respread where appropriate, and the entire location seeded with the recommended seed mix. Seeding should take place by broadcasting the seed and walking it into the soil with a dozer immediately after the dirt work is completed.
- Seeding shall occur in the fall (August 1st until snow or ground is frozen) with the recommended seed mix:

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

- All pounds are in pure live seed.
- Reseeding may be required if first seeding is not successful

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

SITE SPECIFIC DOWNHOLE COAs:

- Production casing cement shall be brought up and into the surface casing.
- A cement Bond Log (CBL) shall be run from the production casing shoe to 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.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth

(from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

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

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

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

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: Kerr-McGee Oil & Gas Onshore, LP

Well Name: NBU 1022-3K-4T

API No: 43-047-38488 Lease Type: Federal

Section 03 Township 10S Range 22E County Uintah

Drilling Contractor Pete Martin Drilling Rig # Bucket

SPUDDED:

Date 04/09/09

Time 10:00 AM

How Dry

Drilling will Commence: _____

Reported by Lew Weldon

Telephone # 435-781-7060

Date 04/14/2009 Signed RM

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
4304740196	NBU 1022-10FT		SENW	10	10S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
B	99999	2900	4/11/2009		4/16/09		
Comments: MIRU PETE MARTIN BUCKET RIG. <i>WSMVD</i> SPUD WELL LOCATION ON 04/11/2009 AT 0900 HRS.							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304738488	NBU 1022-3K-4T		NESW	3	10S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
B	99999	2900	4/9/2009		4/16/09		
Comments: MIRU PETE MARTIN BUCKET RIG. <i>WSMVD</i> SPUD WELL LOCATION ON 04/09/2009 AT 1000 HRS.							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304740434	NBU 1022-2A2T		NENE	2	10S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
B	99999	2900	4/10/2009		4/16/09		
Comments: MIRU PETE MARTIN BUCKET RIG. <i>WSMVD</i> SPUD WELL LOCATION ON 04/10/2009 AT 1000 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)

RECEIVED

APR 14 2009

DIV. OF OIL, GAS & MINING

SHEILA UPCHEGO

Name (Please Print)

Signature

REGULATORY ANALYST

Title

4/14/2009

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.
UTU01191

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
NBU 1022-3K-4T

9. API Well No.
43-047-38488

10. Field and Pool, or Exploratory
NATURAL BUTTES

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

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 L
Contact: SHEILA UPCHEGO
Email: sheila.upchego@anadarko.com

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 3 T10S R22E NESW 1570FSL 2044FWL

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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

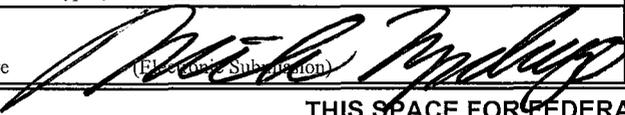
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths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

MIRU PROPETRO AIR RIG ON 04/10/2009. DRILLED 12 1/4" SURFACE HOLE TO 2300'. RAN 9 5/8" 36# J-55 SURFACE CSG. CMT W/350 SX PREM CLASS G @15.8 PPG 1.15 YIELD. NO RETURNS THROUGH OUT JOB 100 PSI LIFT LAND PLUG FLOATS DID NOT HOLD. TOP OUT W/100 SX PREM CLASS G @15.8 PPG 1.15 YIELD DOWN BACKSIDE. 2ND TOP OUT W/150 SX PREM CLASS G @15.8 PPG 1.15 YIELD DOWN BACKSIDE. 3RD TOP OUT W/75 SX PREM CLASS G @15.8 PPG 1.15 YIELD DOWN BACKSIDE GOOD CMT TO SURFACE HOLE STAYED FULL.

WORT.

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #68919 verified by the BLM Well Information System For KERR-MCGEE OIL & GAS ONSHORE L, sent to the Vernal

Name (Printed/Typed) SHEILA UPCHEGO Title OPERATIONS

Signature  (Electronic Submission) Date 04/14/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____ Date _____

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

Office

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

RECEIVED

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED APR 20 2009

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.
UTU01191

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

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

8. Well Name and No.
NBU 1022-3K-4T

9. API Well No.
43-047-38488

10. Field and Pool, or Exploratory
NATURAL BUTTES

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

1. Type of Well
 Oil Well Gas Well Other

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

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 3 T10S R22E NESW 1570FSL 2044FWL

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 Well Spud
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

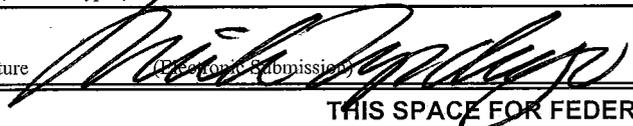
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths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

MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 9 5/8" 36.7# SCHEDULE 10 PIPE. CMT W/28 SX READY MIX.

SPUD WELL LOCATION ON 04/09/2009 AT 1000 HRS.

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #68897 verified by the BLM Well Information System
For KERR-MCGEE OIL & GAS ONSHORE L, sent to the Vernal

Name (Printed/Typed) SHEILA UPCHEGO Title OPERATIONS

Signature  Date 04/14/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____ Date _____

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

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

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

RECEIVED

APR 20 2009

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU01191
2. Name of Operator KERR-MCGEE OIL & GAS ONSHORE		6. If Indian, Allottee or Tribe Name
3a. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078		7. If Unit or CA/Agreement, Name and/or No. UNIT #891008900A
3b. Phone No. (include area code) Ph: 435-781-7024		8. Well Name and No. NBU 1022-3K-4T
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 3 T10S R22E NESW 1570FSL 2044FWL		9. API Well No. 43-047-38488
		10. Field and Pool, or Exploratory NATURAL BUTTES
		11. County or Parish, and State UINTAH COUNTY, UT

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

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

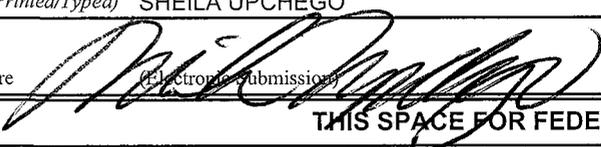
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths 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 2300' TO 8858' ON 04/23/2009. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/362 SX PREM LITE II @11.2 PPG 3.13 YIELD. TAILED CMT W/1100 SX 50/50 POZ @14.3 PPG 1.31 YIELD. DISPLACE W/136.8 BBLS CLAYFIX WATER BUMPED PLUG FLOATS HELD BUMP 2750 PSI CAL LIFT PSI 2650 LOST 108 BL ON DISPLACEMENT LAND CSG W/91K ON MANDREL NIPPLE DOWN CLEAN PITS.

RELEASED PIONEER RIG 69 ON 04/24/2009 AT 1700 HRS.

RECEIVED
APR 30 2009
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #69617 verified by the BLM Well Information System For KERR-MCGEE OIL & GAS ONSHORE L, sent to the Vernal

Name (Printed/Typed) SHEILA UPCHEGO	Title OPERATIONS
Signature  (Electronic Submission)	Date 04/29/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01191
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 1022-3K-4T
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047384880000
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: 1570 FSL 2044 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 03 Township: 10.0S Range: 22.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input 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 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 checked="" type="checkbox"/> DRILLING REPORT Report Date: 6/19/2009	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> 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 SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON
 06/19/2009 AT 12:00 PM. PLEASE REFER TO THE ATTACHED
 CHRONOLOGICAL WELL HISTORY.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 June 30, 2009

NAME (PLEASE PRINT) Sheila Wopsock	PHONE NUMBER 435 781-7024	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 6/29/2009	

ROCKIES

Operation Summary Report

Well: NBU 1022-3K-4T		Spud Conductor: 4/9/2009		Spud Date: 4/10/2009	
Project: UTAH			Site: UINTAH		Rig Name No: PIONEER 69/69, PROPETRO/
Event: DRILLING			Start Date: 4/10/2009		End Date: 4/24/2009
Active Datum: RKB @5,217.00ft (above Mean Sea Level)			UWI: 0/10/S/22/E/3/0/NESW/6/PM/S/1,570.00/W/0/2,044.00/0/0		

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
4/10/2009	22:00 - 0:00	2.00	DRLSUR	02		P		MOVE IN AND RIG UP AIR RIG SPUD WELL @ 2200 HR 4/10/09 DA W/ AIR MIST 150'
4/11/2009	0:00 - 12:00	12.00	DRLSUR	02		P		RIG DRILLING AHEAD W AIR MIST NO WATER 1140'
	12:00 - 0:00	12.00	DRLSUR	02		P		RIG DRILLING AHEAD W/ AIR MIST NO WATER 1560'
4/12/2009	0:00 - 12:00	12.00	DRLSUR	02		P		RIG DRILLING AHEAD CIRCULATING WITH SKID PUMP NO RETURNS 1720'
	12:00 - 0:00	12.00	DRLSUR	02		P		RIG DRILLING AHEAD CIRCULATING WITH SKID PUMP NO RETURNS 1960'
4/13/2009	0:00 - 12:00	12.00	DRLSUR	02		P		RIG DRILLING AHEAD D/F 1960'-2190' CIRCULATING WITH SKID PUMP NO RETURNS
	12:00 - 18:00	6.00	DRLSUR	02		P		RIG T/D @ 2300' CONDITION HOLE 1 HR RUN SURVEY 1 DEG.
	18:00 - 22:00	4.00	DRLSUR	05		P		TRIP DP OUT OF HOLE
	22:00 - 0:00	2.00	DRLSUR	11		P		RUN 9 5/8 CSG @ REPORT TIME
4/14/2009	0:00 - 2:00	2.00	DRLSUR	11		P		FINISH RUNNING 2270' OF 9 5/8 36# J-55 CSG FLOAT COLLAR @ 2225' RIG DOWN AIR RIG
	2:00 - 3:00	1.00	DRLSUR	15		P		CEMENT 1ST STAGE WITH 350 SKS TAIL @ 15.8# 1.15 5.0 GAL/SK NO RETURNS THRU OUT JOB 100 PSI LIFT LAND PLUG FLOATS DID NOT HOLD SHUT IN WELL
	3:00 - 3:30	0.50	DRLSUR	15		P		1ST TOP JOB 100 SKS DOWN BS WOC
	3:30 - 5:30	2.00	DRLSUR	15		P		2ND TOP JOB 150 SKS DOWN BS WOC
	5:30 - 8:00	2.50	DRLSUR	15		P		3RD TOP JOB 75 SKS DOWN BS GOOD CMT TO SURFACE AND STAYED AT SURFACE
4/16/2009	13:00 - 20:00	7.00	DRLPRO	01	A	P		MOVE RIG TO THE NBU 1022-3K-4T 99 % MOVED 0 % RIGGED UP
	20:00 - 0:00	4.00	DRLPRO	12	D	P		WAIT ON DAYLIGHT TO FINISH MOVE AND RURT
4/17/2009	0:00 - 7:30	7.50	MIRU	12	D	P		WAIT ON DAYLIGHT
	7:30 - 20:00	12.50	MIRU	01	B	P		MIRU ,FINISH MOVING & SETTING IN RIG W/ KHUR TRUCKING 6-BED TRUCKS,2-HAUL TRUCKS & 2-FORKLIFTS STARTED @ 07:30 RELEASED @ 12:00 ,J&C CRANE STARTED @ 07:30 RELEASED @ 13:00,1 RIG CREW
	20:00 - 0:00	4.00	DRLPRO	13	A	P		NIPPLE UP BOP
4/18/2009	0:00 - 4:30	4.50	DRLPRO	13	C	P		SAFETY MEETING W/ B&C QUICK TEST ,TEST BOP ,TEST UPPER & LOWER KELLY VALVES,SAFETY VALVE,DART VALVE,PIPE RAMS INSIDE CHOKE & KILL LINE VALVES,HCR,OUT SIDE KILL LINE VALVES,CHOKE LINE,CHECK VALVE,UPRIGHT GAUGE VALVE,INSIDE MANIFOLD VALVES,BLIND RAMS 250 PSI F/ 5 MIN ,5000 PSI F/ 10 MIN ,ANNULAR 250 PSI F/ 5 MIN ,2500 PSI F/ 10 MIN ,SURFACE CASING 1500 PSI F/ 30 MIN, ALL TESTED OK ,R/D QUICK TEST
	4:30 - 5:00	0.50	DRLPRO	13	B	P		INSTALL WEAR RING
	5:00 - 9:00	4.00	DRLPRO	05	A	P		SAFETY MEETING W/ WEATHERFORD R/U & P/U DIRECTIONAL TOOLS & DRILL STRING
	9:00 - 10:30	1.50	DRLPRO	13	C	P		JSA) PER. SPUD PRESSURE TEST MUD LINES, PUMPS TO 800PSI
	10:30 - 12:30	2.00	DRLPRO	02	F	P		DRILL CMT, FLOAT COLLAR , SHOE

ROCKIES
Operation Summary Report

Well: NBU 1022-3K-4T		Spud Conductor: 4/9/2009		Spud Date: 4/10/2009				
Project: UTAH			Site: UINTAH			Rig Name No: PIONEER 69/69, PROPETRO/		
Event: DRILLING			Start Date: 4/10/2009			End Date: 4/24/2009		
Active Datum: RKB @5,217.00ft (above Mean Sea Level)				UWI: 0/10/S/22/E/3/0/NESW/6/PM/S/1,570.00/W/0/2,044.00/0/0				

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
	12:30 - 14:00	1.50	DRLPRO	02	D	P		DRILL , SLIDE F/ 2318 TO 2415 WT 13 TO 16 K RPM 60 MT. RPM 100 PUMP 120 SPM 455 GPM PUT 10' SLIDE IN ROP 18.1 W/ 10K
	14:00 - 17:00	3.00	DRLPRO	04	A	Z		GETING HOT SURVEYS BACK AFTER SLIDE WOKING ON MWD TOOLS WAIT ON CORR. FROM SCIENTIFIC OFFICE
	17:00 - 0:00	7.00	DRLPRO	02	D	P		DRILL, SLIDE F/ 2415 TO 2947' WT 15 TO 16 K RPM 49 MT RPM 100 ROTATING 95.73 % SLIDE 4.27 %
4/19/2009	0:00 - 12:00	12.00	DRLPRO	02	D	P		DRILL, SLIDE F/ 2947 TO 3807 WT 14 TO 16 K RPM 43 MT. RPM 100 PUMP 120 SPM @ 1536 PSI 455 GPM OFF BOTTOM PSI 1350 ROP 87 TO 125' PER HOUR (SLIDE ROP 70 TO 80' PER HOUR) RIG SER.
	12:00 - 12:30	0.50	DRLPRO	06	A	P		
	12:30 - 0:00	11.50	DRLPRO	02	D	P		DRILL, SLIDE F/ 3807 TO 4931' WT 16 TO 18 K RPM 43 MT. RPM 100 PUMP 120 SPM @ 1536 PSI 455 GPM OFF BOTTOM PSI 1400 ROP 100 TO 160' PER HOUR (SLIDE ROP 70 TO 80' PER HOUR)
4/20/2009	0:00 - 10:00	10.00	DRLPRO	02	D	P		DRILL, SLIDE F/4931 TO 6021 WT 16 TO 18 K RPM 43 MT. RPM 100 PUMP 120 SPM @ 1536 PSI 455 GPM OFF BOTTOM PSI 1400 ROP 40 TO 90' PER HOUR (SLIDE ROP 70 TO 80' PER HOUR) RIG SER
	10:00 - 10:30	0.50	DRLPRO	06	A	P		
	10:30 - 0:00	13.50	DRLPRO	02	D	P		DRILL, SLIDE F/ 6021 TO 6376' WT 16 TO 18 K RPM 43 MT. RPM 100 PUMP 120 SPM @ 2250 PSI 455 GPM OFF BOTTOM PSI 1860 ROP 40 TO 90' PER HOUR ROTATE 97.29 % SLIDE 2.71%
4/21/2009	0:00 - 14:30	14.50	DRLPRO	02	D	P		DRILL F/ 6376 TO 7064 WT 16 TO 18 K RPM 43 MT. RPM 100 PUMP 120 SPM @ 2250 PSI 455 GPM OFF BOTTOM PSI 1860 ROP 40 TO 90' PER HOUR RIG SER.
	14:30 - 15:00	0.50	DRLPRO	06	A	P		
	15:00 - 0:00	9.00	DRLPRO	02	D	P		DRILL F/ 7064 TO 7602 WT 18 TO 20 K RPM 43 MT. RPM 100 PUMP 120 SPM @ 2600 PSI 455 GPM OFF BOTTOM PSI 2510 ROP 40 TO 90' PER HOUR
4/22/2009	0:00 - 15:30	15.50	DRLPRO	02	D	P		DRILL F/ 7602 TO 8330 WT 18 TO 20 K RPM 43 MT. RPM 100 PUMP 120 SPM @ 2600 PSI 455 GPM OFF BOTTOM PSI 2510 ROP 40 TO 90' PER HOUR RIG SER.
	15:30 - 16:00	0.50	DRLPRO	06	A	P		
	16:00 - 0:00	8.00	DRLPRO	02	D	P		DRILL F/ 8330 TO 8728 WT 18 TO 20 K RPM 43 MT. RPM 100 PUMP 115 SPM @ 2820 PSI 436 GPM OFF BOTTOM PSI 22790 ROP 40 TO 90' PER HOUR (LOST 40 BBLs.MUD @ 8020' 40 BBLs @ 8198 TOTAL 80 BBLs) FLAR 15 TO 25'
4/23/2009	0:00 - 1:30	1.50	DRLPRO	02	D	P		DRILL F/ 8728 TO 8790'
	1:30 - 2:30	1.00	DRLPRO	04	A	X		LOST 40 BBLs. MUD MIX & PUMP LCM PILL
	2:30 - 5:00	2.50	DRLPRO	02	D	P		DRILL F/ 8790 TO 8858' TD @ 05:00 4/23/2009
	5:00 - 6:30	1.50	DRLPRO	04	A	P		CIRC. COND. FOR SHPRT TRIP
	6:30 - 8:00	1.50	DRLPRO	05	E	P		SHORT TRIP OUT TO 7598'
	8:00 - 9:30	1.50	DRLPRO	04	A	P		CIRC. COND. HELD SAFTY MEETING W/ WEATHFORD LAY DOWN CREW, RIG UP TRUCK LAY DOWN 4.5 DRILL PIPE
	9:30 - 11:30	2.00	DRLPRO	05	E	P		
	11:30 - 12:00	0.50	DRLPRO	06	A	P		RIG SER. CHANGE OUT SLIPS DIES
	12:00 - 16:30	4.50	DRLPRO	05	E	P		LAY DOWN 4.5 DP, MWD , BHA
	16:30 - 17:00	0.50	DRLPRO	05	E	P		PULL WEAR BUSHING
	17:00 - 19:30	2.50	DRLPRO	08	A	X		RIG UP LOGGER HAD HYDRALICS LINE LEAK

ROCKIES

Operation Summary Report

Well: NBU 1022-3K-4T		Spud Conductor: 4/9/2009		Spud Date: 4/10/2009				
Project: UTAH			Site: UINTAH			Rig Name No: PIONEER 69/69, PROPETRO/		
Event: DRILLING			Start Date: 4/10/2009			End Date: 4/24/2009		
Active Datum: RKB @5,217.00ft (above Mean Sea Level)				UWI: 0/10/S/22/E/3/0/NESW/6/PM/S/1,570.00/W/0/2,044.00/0/0				

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
	19:30 - 0:00	4.50	DRLPRO	08	A	P		RUN LOG IN HOLE TAGED UP ON BRIDGE @ 6900' TOH LAY DOWN BOW SPRINGS, RUN IN SLICK LOG STOPED AT 6900 LOGED OUT
4/24/2009	0:00 - 1:00	1.00	DRLPRO	08	A	P		FINSH LOGING, RID DOWN LOGGER
	1:00 - 7:30	6.50	DRLPRO	11	B	P		RIG UP , HELD SAFTY MEETING RUN 214 JTS 4.5 #11.6 I-80 LT&C SHOE AT 8853 FLOAT COLLAR AT 8808
	7:30 - 9:00	1.50	DRLPRO	03	E	X		TAGED BRIDGE @ 8751, BROKE CIRC. WASH BRIDGE OUT F/ 8751 TO 8835' CIRC OUT GAS P/U LANDING JTS LAND HEAD @ 8853'
	9:00 - 10:00	1.00	DRLPRO	04	A	P		CIRC OUT GAS
	10:00 - 13:00	3.00	DRLPRO	15	A	P		CMT 4.5 CASING PUMPED 20BBS MUD CLEAN 20 BBLs H2O AHWAD LEAD #11.2 362 SX CMT YIELD 3.13 202 BBL SLURRY PREMIUM LITE 2 +% GEL+3 % KCL+5#KOL+5%SMS+0.25#CF TAIL 50 50 POZS # 14.3 1100 SX CMT YIELD 1.31 W/10%NACL+0.2%R-3+0.05 #SF+0.002 FP =6L DISPLACED W/ CLAY FIX WATER 136.8 BBLs BUMPED PLUG , FLOATS HELD , BUMP PSI 2750 PSI LIFT PSI 2750 CAL LIFT PSI 2650 LOST 108 BBL ON DISPLACEMENT
	13:00 - 13:00	0.00	DRLPRO					RIG RELEASED @ 17:00 4/24/2009
	13:00 - 17:00	4.00	DRLPRO	13	A	P		LAND CASING W/ 91K ON MANDREL, NIPPLE DOWN BOPS,CLEAN PITS

ROCKIES

Operation Summary Report

Well: NBU 1022-3K-4T		Spud Conductor: 4/9/2009		Spud Date: 4/10/2009	
Project: UTAH		Site: UINTAH		Rig Name No: MILES-GRAY 1/1	
Event: COMPLETION		Start Date: 4/30/2009		End Date: 6/17/2009	
Active Datum: RKB @5,217.00ft (above Mean Sea Level)		UWI: 0/10/S/22/E/3/0/NESW/6/PM/S/1,570.00/W/0/2,044.00/0/0			

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
6/10/2009	7:00 - 7:15	0.25	COMP	48	A	P		HSM, REVIEW R/D / MOVING
	7:15 - 14:00	6.75	COMP	30	A			R/D ROAD RIG FROM NBU 1022-3E-1 TO NBU 1022-3K-4T, MIRU SPOT EQUIP, N/D WELL HEAD N/U BOPS, PREP TO P/U TBG IN A.M. SWIFN
6/11/2009	7:00 - 7:15	0.25	COMP	48		P		HSM, P/U TGB
	7:15 - 7:15	0.00	COMP					OPEN WELL 0# SICP, P/U 3-7/8 MILL, TALLEY & P/U 6500' 2-3/8 J-55 TBG, 206 JNTS, POOH STNDG BACK, L/D MILL, R/D TBG EQUIP, N/D BOPS, N/U FRAC VALVES, SWIFN. READY TO FRAC IN A.M
6/12/2009	7:00 - 7:15	0.25	COMP	48		P		HSM, PRESSURE TESTING
	7:15 - 15:00	7.75	COMP	47	B			MIRU B&C TESTERS, PRESSURE TEST CSG & FRAC VALVES TO 7500# [GOOD TEST] MIRU SCHLUMBERGER, P/U 3-3/8 EXPEND, 23 GRM, 0.36" HOLE, 3 SPF, 120* PH, 8698'-8706' 24 HOLES, 8593'-8598' 18 HOLES, [42 HOLES] SWI. READY TO FRAC MON.
6/15/2009	7:00 - 7:15	0.25	COMP	48		P		HSM, FRACING

ROCKIES
Operation Summary Report

Well: NBU 1022-3K-4T		Spud Conductor: 4/9/2009		Spud Date: 4/10/2009	
Project: UTAH			Site: UINTAH		Rig Name No: MILES-GRAY 1/1
Event: COMPLETION			Start Date: 4/30/2009		End Date: 6/17/2009
Active Datum: RKB @5,217.00ft (above Mean Sea Level)			UWI: 0/10/S/22/E/3/O/NESW/6/PM/S/1,570.00/W/0/2,044.00/O/0		

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
	7:15 - 7:15	0.00	COMP	36		P		<p>MIRU SCHLUMBERGER FRAC EQUIP, FRAC STG #1 MESAVERDE 8592'-8706' [42 HOLES]</p> <p>STG #1] WHP=1711# BRK DN PERFS @ 3188#, INJ PSI=4700#, INJ RT=50, ISIP=2600#, FG=.73, PUMP'D 1106.5 BBLS SLK WTR W/ 36544# 30/50 MESH, W/ 5000# RESIN COAT IN TAIL. ISIP=2500#, FG=.72, AR=42.4, AP=4413#, MR=50, MP=6863#, NPI=-100#, W/ 31/42 CALC PERFS OPEN 73%.</p> <p>STG#2] P/U RIH W/ HALIBURTON 8K CBP & PERF GUN. SET CBP @ 8448', PERF MESAVERDE USING 3-3/8 EXPEND, 23 GRM, 0.36" HOLE, 8414'-8418' 4 SPF, 90* PH, 16 HOLES. 8378'-8382' 4 SPF, 90* PH, 16 HOLES. 8297'-8300' 3 SPF, 120* PH, 9 HOLES. [41 HOLES]</p> <p>WHP=1600# BRK DN PERFS @ 3409#, INJ PSI=4700#, INJ RT=48, ISIP=2309#, FG=.71, PUMP'D 612 BBLS SLK WTR W/ 19424# 30/50 MESH, W/ 5000# RESIN COAT IN TAIL. ISIP=2600#, FG=.74, AR=41, AP=4111#, MR=49.7, MP=5073#, NPI=291#, W/ 29/42 CALC PERFS OPEN .70%</p> <p>STG#3] P/U RIH W/ HALIBURTON 8K CBP & PERF GUN. SET CBP @ 8273', PERF MESAVERDE USING 3-3/8 EXPEND, 23 GRM, 0.36" HOLE, 8240'-8243' 4 SPF, 90* PH, 12 HOLES. 8209'-8212' 4 SPF, 90* PH, 12 HOLES. 8175'-8177' 3 SPF, 120* PH, 6 HOLES. 8071'-8073' 3 SPF, 120* PH, 6 HOLES. 8037'-8039' 3 SPF, 120* PH, 6 HOLES. [42 HOLES]</p> <p>WHP=1248# BRK DN PERFS @ 3247#, INJ PSI=4800#, INJ RT=55, ISIP=2400#, FG=.72, PUMP'D 1609 BBLS SLK WTR W/ 66764# 30/50 MESH, W/ 5000# RESIN COAT IN TAIL. ISIP=2600#, FG=.74, AR=50.5, AP=4267#, MR=55.4, MP=5366#, NPI=100#, W/ 42/42 CALC PERFS OPEN . 100%</p> <p>STG#4] P/U RIH W/ HALIBURTON 8K CBP & PERF GUN. SET CBP @ 8010', PERF MESAVERDE USING 3-3/8 EXPEND, 23 GRM, 0.36" HOLE, 7972'-7975' 4 SPF, 90* PH, 12 HOLES. 7912'-7914' 3 SPF, 120* PH, 6 HOLES. 7883'-7885' 3 SPF, 120* PH, 6 HOLES. 7858'-7861' 4 SPF, 90* PH, 12 HOLES. 7828'-7830' 3 SPF, 120* PH, 6 HOLES.</p> <p>WHP=1166# BRK DN PERFS @ 2925#, INJ PSI=4400#, INJ RT=50, ISIP=2200#, FG=.71, PUMP'D 1676 BBLS SLK WTR W/ 66698# 30/50 MESH, W/ 5000# RESIN COAT IN TAIL. ISIP=2200#, FG=.71, AR=46.1, AP=3813#, MR=51.7, MP=4657#, NPI=0#, W/ 42/42 CALC PERFS OPEN 100%</p> <p>.STG#5] P/U RIH W/ HALIBURTON 8K CBP & PERF GUN. SET CBP @ 7786', PERF MESAVERDE</p>

ROCKIES

Operation Summary Report

Well: NBU 1022-3K-4T		Spud Conductor: 4/9/2009		Spud Date: 4/10/2009	
Project: UTAH		Site: UINTAH		Rig Name No: MILES-GRAY 1/1	
Event: COMPLETION		Start Date: 4/30/2009		End Date: 6/17/2009	
Active Datum: RKB @5,217.00ft (above Mean Sea Level)		UWI: 0/10/S/22/E/3/0/NESW/6/PM/S/1,570.00/W/0/2,044.00/0/0			

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
								USING 3-3/8 EXPEND, 23 GRM, 0.36" HOLE, 7753'-7756' 3 SPF, 120* PH, 9 HOLES. 7702'-7706' 4 SPF, 90* PH, 16 HOLES. 7602'-7605' 3 SPF, 120* PH, 9 HOLES. 7568'-7571' 3 SPF, 120* PH, 9 HOLES. [43 HOLES] PULLED PUT OF HOLE BOTTOM GUN DID NOT FIRE REBUILT GUN RIH WAS ABLE TO SHOOT BOTTOM ZONE WHP=795# BRK DN PERFS @ 3482#, INJ PSI=4350#, INJ RT=50, ISIP=2250#, FG=.72, PUMP'D 1287 BBLS SLK WTR W/ 50404# 30/50 MESH, W/ 5000# RESIN COAT IN TAIL. ISIP=2400#, FG=.74, AR=42.3, AP=3550#, MR=50.1, MP=4541#, NP=150#, W/ 43/43 CALC PERFS OPEN 100%. .STG#6] P/U RIH W/ HALIBURTON 8K CBP & PERF GUN. SET CBP @ 7526', PERF MESAVERDE USING 3-3/8 EXPEND, 23 GRM, 0.36" HOLE, 7488'-7496' 4 SPF, 90* PH, 32 HOLES. 7397'-7400' 2 SPF 180* PH, 6 HOLES. 7330'-7333' 2 SPF, 180* PH, 6 HOLES. [42 HOLES] SWIFN.

ROCKIES
Operation Summary Report

Well: NBU 1022-3K-4T		Spud Conductor: 4/9/2009		Spud Date: 4/10/2009	
Project: UTAH		Site: UINTAH		Rig Name No: MILES-GRAY 1/1	
Event: COMPLETION		Start Date: 4/30/2009		End Date: 6/17/2009	
Active Datum: RKB @5,217.00ft (above Mean Sea Level)			UWI: 0/10/S/22/E/3/0/NESW/6/PM/S/1,570.00/W/0/2,044.00/0/0		

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
6/16/2009	-							<p>FRAC STG #6] MESAVERDE 7330'-7496' [44HOLES] PREVIOUSLY PERF NIGHT BEFORE.</p> <p>WHP=1219# BRK DN PERFS @ 3830#, INJ PSI=4300#, INJ RT=50, ISIP=1850#, FG=68, PUMP'D 880 BBLS SLK WTR W/ 33715# 30/50 MESH, W/ 5000# RESIN COAT IN TAIL. ISIP=2300#, FG=.74, AR=41.5, AP=3729#, MR=50, MP=5768#, NPI=450#, W/ 30/44 CALC PERFS OPEN. 69%</p> <p>STG #7] P/U RIH W/ HALIBURTON 8K CBP & PERF GUN, SET CBP @ 7301', PERF MESAVERDE USING 3-3/8 EXPEND, 23 GRM, 0.36" HOLE, 7369'-7271' 4 SPF, 90* PH, 8 HOLES. 7251'-7254' 4 SPF, 90* PH, 12 HOLES. 7140'-7143' 3 SPF, 120* PH, 9 HOLES. 7120'-7122' 3 SPF, 120* PH, 6 HOLES. 7082'-7084' 3 SPF, 120* PH, 6 HOLES. [41 HOLES]</p> <p>WHP=413# BRK DN PERFS @ 2163#, INJ PSI=3700#, INJ RT=50, ISIP=1250#, FG=60, PUMP'D 1195 BBLS SLK WTR W/ 46766# 30/50 MESH, W/ 5000# RESIN COAT IN TAIL. ISIP=2000#, FG=.71, AR=45.3, AP=3475#, MR=50.1, MP=4565#, NPI=750#, W/ 41/41 CALC PERFS OPEN. 100%</p> <p>STG #8] P/U RIH W/ HALIBURTON 8K CBP & PERF GUN, SET CBP @ 7301', PERF MESAVERDE USING 3-3/8 EXPEND, 23 GRM, 0.36" HOLE, 7022'-7026' 4 SPF, 90* PH, 16 HOLES. 6988'-6991' 4 SPF, 90* PH, 12 HOLES. 6928'-6931' 3 SPF, 120* PH, 9 HOLES. 6889'-6892' 2 SPF, 180* PH, 6 HOLES.</p> <p>WHP=161# BRK DN PERFS @ 2381#, INJ PSI=3400#, INJ RT=50, ISIP=900#, FG=56, PUMP'D 1397 BBLS SLK WTR W/ 60758# 30/50 MESH, W/ 5000# RESIN COAT IN TAIL. ISIP=1500#, FG=.65, AR=46.3, AP=2787#, MR=50, MP=3647#, NPI=600#, W/ 28/43 CALC PERFS OPEN. 65%</p> <p>P/U RIH W/ HALIBURTON 8K CBP, SET CBP FOR KILL PLUG @ 6839', RDMO SCHLUMBERGER WIRE LINE & FRAC EQUIP, N/D FRAC VALVES, N/U BOPS, R/U TBG EQUIP, P/U 3-7/8 BIT W/ POBS PKG, RIH TAG KILL PLUG, P/U PWR SWVL PREP TO DRL IN A.M. SWIFN.</p>
6/17/2009	7:00 - 7:15	0.25	COMP	48		P		HSM, DRLG PLUGS
	7:00 -			33	A			7 AM FLBK REPORT: CP 2950#, TP 1950#, 20/64" CK, 50 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 2235 BBLS LEFT TO RECOVER: 7527

ROCKIES

Operation Summary Report

Well: NBU 1022-3K-4T		Spud Conductor: 4/9/2009		Spud Date: 4/10/2009	
Project: UTAH		Site: UINTAH		Rig Name No: MILES-GRAY 1/1	
Event: COMPLETION		Start Date: 4/30/2009		End Date: 6/17/2009	
Active Datum: RKB @5,217.00ft (above Mean Sea Level)		UWI: 0/10/S/22/E/3/0/NESW/6/PM/S/1,570.00/W/0/2,044.00/0/0			

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
	7:15 - 17:00	9.75	COMP	44		P		<p>OPEN WELL 0# PRESSURE, EST CIRC W/ RIG PUMP,</p> <p>PLUG #1] DRL THROUGH HALIBURTON 8K CBP @ 6839' IN 10 MIN. W/ 0# INCREASE.</p> <p>PLUG #2] CONTINUE TO RIH TAG SAND @ 7026' [30' FILL] C/O & DRL THROUGH HALIBURTON 8K CBP @ 7056' IN 8 MIN. W/ 50# INCREASE.</p> <p>PLUG #3] CONTINUE TO RIH TAG SAND @ 7271' [30' FILL] C/O & DRL THROUGH HALIBURTON 8K CBP @ 7301' IN 10 MIN. W/ 200# INCREASE.</p> <p>PLUG #4] CONTINUE TO RIH TAG SAND @ 7496' [30' FILL] C/O & DRL THROUGH HALIBURTON 8K CBP @ 7526' IN 8 MIN. W/ 300# INCREASE.</p> <p>PLUG #5] CONTINUE TO RIH TAG SAND @ 7756' [30' FILL] C/O & DRL THROUGH HALIBURTON 8K CBP @ 7786' IN 10 MIN. W/ 500# INCREASE.</p> <p>PLUG #6] CONTINUE TO RIH TAG SAND @ 7980' [30' FILL] C/O & DRL THROUGH HALIBURTON 8K CBP @ 8010' IN 10 MIN. W/ 400# INCREASE.</p> <p>PLUG #7] CONTINUE TO RIH TAG SAND @ 8243' [30' FILL] C/O & DRL THROUGH HALIBURTON 8K CBP @ 8273' IN 8 MIN. W/ 600# INCREASE.</p> <p>PLUG #8] CONTINUE TO RIH TAG SAND @ 8454' [30' FILL] C/O & DRL THROUGH HALIBURTON 8K CBP @ 8484' IN 10 MIN. W/ 700# INCREASE.</p> <p>CONTINUE TO RIH C/O TO PBTD @ 8790', CIRC HOLE, R/D PWR SWVL, L/D 31 JNTS TOTAL ON FLOAT, P/U HANGER LAND TBG W/ 265 JNTS 2-3/8 J-55 TBG EOT @ 8259.33, R/D TBG EQUIP, N/D BOPS, N/U WELL HEAD, DROP BALL, PUMP OFF BIT W/ 1/2 BBL @ # LEAVE SHUT IN FOR 30 MIN. TURN OVER TO F/B CREW W/ 2000# SICP. RDMO.</p>
6/18/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 2800#, TP 1925#, 20/64" CK, 40 BWPH, TRACE SAND, - GAS TTL BBLs RECOVERED: 3245 BBLs LEFT TO RECOVER: 6517
6/19/2009	1:00 -		PROD	50				WELL TURNED TO SALE @ 0100 HR ON 6/19/2009 - FTP 1900#, CP 2700#, 2.1 MCFD, 33 BWPD, 16/64 CK
	7:00 -			33	A			7 AM FLBK REPORT: CP 2650#, TP 1925#, 16/64" CK, 25 BWPH, TRACE SAND, - GAS TTL BBLs RECOVERED: 3917 BBLs LEFT TO RECOVER: 5845
6/20/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 2500#, TP 1850#, 16/64" CK, 20 BWPH, TRACE SAND, - GAS TTL BBLs RECOVERED: 4436 BBLs LEFT TO RECOVER: 5326
6/21/2009	8:37 -			33	A			7 AM FLBK REPORT: CP 2450#, TP 1800#, 16/64" CK, 15 BWPH, TRACE SAND, - GAS TTL BBLs RECOVERED: 4820 BBLs LEFT TO RECOVER: 4942

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01191
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 1022-3K-4T
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047384880000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6514
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1570 FSL 2044 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 03 Township: 10.0S Range: 22.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/14/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<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"/> OTHER	<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 checked="" type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

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

The operator requests authorization to temporarily abandon the subject well location in order to drill the NBU 1022-3K pad. Please see attached procedure.

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

Date: August 20, 2012

By: *Dark Quist*

NAME (PLEASE PRINT) Jaime Scharnowske	PHONE NUMBER 720 929-6304	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 8/14/2012	

Well Name: NBU 1022-3K-4T
Surface Location: NESW Sec. 3, T10S, R22E
 Uintah County, UT

8/14/12

Recommended action for disposition of well bore:

This well will be temporarily abandoned to accommodate drilling operations in one of 2 ways. We will either plug the wellbore as outlined in the attached procedure or Shut-In in the following manner: a) Set a tubing plug near EOT, install a flange over the tbg hanger, removal of master valve, set VR plugs in casing head at surface, and removal of casing wing valves, replaced with blind flanges.

API: 4304738488 **LEASE#:** UTU-01191
ELEVATIONS: 5199' GL 5217' KB
TOTAL DEPTH: 8858' **PBTD:** 8790'
SURFACE CASING: 9 5/8", 36# J-55 @ 2300'
PRODUCTION CASING: 4 1/2", 11.6# I-80 @ 8858'
 TOC @ Surface per CBL
PRODUCTION TUBING: 2 3/8" J-55 TBG @ 8259' (Cmp rpt 6/17/09)
PERFORATIONS: MESAVERDE 6889' - 8706'

Tubular/Borehole	Drift inches	Collapse psi	Burst psi	Capacities		
				Gal./ft.	Cuft./ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1624	0.02171	0.00387
4.5" 11.6# I-80	3.875	6350	7780	0.6528	0.0872	0.0155
9.625" 36# J-55	8.765	2020	3520	3.247	0.434	0.0773
Annular Capacities						
2.375" tbg. X 4 1/2" 11.6# csg				0.4227	0.0565	0.01
4.5" csg X 9 5/8" 36# csg				2.227	0.2977	0.053
4.5" csg X 7.875 borehole				1.704	0.2278	0.0406
9.625" csg X 12 1/4" borehole				2.3428	0.3132	0.0558

GEOLOGICAL TOPS:
 4374' Wasatch
 6761' Mesaverde

NBU 1022-3K-4T TEMPORARY ABANDONMENT PROCEDURE

GENERAL

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

PROCEDURE

Note: An estimated 24 sx of cement needed to perform procedure.

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. RU WIRELINE. ENSURE WELLBORE IS CLEAN. **A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.**
3. RUN GYRO SURVEY.
4. **PLUG #1, ISOLATE MV PERFORATIONS (6889' - 8706')**: RIH W/ 4 1/2" CBP. SET @ ~6840'. RELEASE CBP, PUH 10', BRK CIRC W/ FRESH WATER. PRESSURE TEST CASING TO 500 PSI. INFORM ENGINEERING IF IT DOESN'T TEST. DISPLACE A MINIMUM OF **8 SX / 1.6 BBL / 8.7 CUFT**. ON TOP OF PLUG. PUH ABOVE TOC (~6740'). REVERSE CIRCULATE W/ TREATED FRESH WATER.
5. **PLUG #2, PROTECT TOP OF WASATCH (4374')**: PUH TO ~4480'. BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF **16 SX / 3.3 BBL / 18.3 CUFT** AND BALANCE PLUG W/ TOC @ ~4270' (210' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER.
6. LOWER WELLHEAD TO GROUND LEVEL TO ACCOMMODATE DRILLING OPS AND INSTALL MARKER PER UDOGM GUIDELINES.
7. RDMO. TURN OVER TO DRILLING OPERATIONS.

ALM 8/14/12

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.	
1. TYPE OF WELL Gas Well	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01191
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
PHONE NUMBER: 720 929-6511	8. WELL NAME and NUMBER: NBU 1022-3K-4T
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1570 FSL 2044 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 03 Township: 10.0S Range: 22.0E Meridian: S	9. API NUMBER: 43047384880000
	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: 4/16/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input checked="" type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The operator has concluded the temporary abandonment operations on the subject well location on 04/16/2013. This well was plugged in order to expand and drill the NBU 1022-3K Pad wells. 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 13, 2013

NAME (PLEASE PRINT) Teena Paulo	PHONE NUMBER 720 929-6236	TITLE Staff Regulatory Specialist
SIGNATURE N/A	DATE 5/10/2013	

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-3K-4T		Spud Conductor: 4/9/2009		Spud Date: 4/10/2009				
Project: UTAH-UINTAH			Site: NBU 1022-3K-4T			Rig Name No: NABORS 1431/1431		
Event: ABANDONMENT			Start Date: 4/11/2013			End Date: 4/16/2013		
Active Datum: RKB @5,217.00usft (above Mean Sea Level)				UWI: 0/10/S/22/E/3/0/NESW/6/PM/S/1,570.00/W/0/2,044.00/0/0				
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
4/12/2013	6:45 - 7:00	0.25	ABANDZ	48		P		HSM, MOVING RIG. MAKE SURE EQUIP IS SECURED ON RIG.
	7:00 - 8:45	1.75	ABANDZ	30	A	P		ROAD RIG.
	8:45 - 14:00	5.25	ABANDZ	31	I	P		MIRU RIG & SPOT EQUIP. FTP 360 PSI, SICP 650 PSI. BLOW WELL DOWN T/ PROD TANK. RIG PUMP T/ TBG PUMP 30 BBLS TMAC T/ CONT WELL. ND WH, NU BOP. RU FLOOR & TBG EQUIP. MAKE UP 10' PUP JT T/ TBG HNGR. UNLAND TBG. FOUND TBG STUCK. WORK PIPE. COULD NOT WORK FREE. CALL FOR TBG LOG & TBG PUNCH GUN.
	14:00 - 17:30	3.50	ABANDZ	34	H	P		MIRU CASEDHOLE SOLUTIONS. RU T/ 2 3/8 TBG. PU CBL W/ GAMMA RAY LOG. RIH T/ 8246'. LOG UP T/ 6186'. FOUND CSG BRIGE @ 7027'. POOH. LD LOGGING TOOLS. PU 1', 4 SPF TBG PUNCH. RIH PER 4 HOLES F/ 7027'-28'. (HELD 1000 PSI ON TBG WHILE PERFING TBG.) POOH W/ WL. RDMO CASEDHOLE SOLUTIONS.
	17:30 - 19:00	1.50	ABANDZ	31	I	P		UNLAND TBG & STRIP TBG HNGR. WORK PIPE FREE. LD 5 JTS. EOT @ 8106' SWIFWE.
4/15/2013	7:00 - 7:15	0.25	ABANDT	48		P		JSA= SCANNING TUBING
	7:15 - 17:00	9.75	ABANDT	30		P		SIWP= 500 PSI TUB, 675 PSI CSG, OPEN WELL TO FBT CONTROL WELL W/ TMAC,RIH 6 JNTS RU SCAN TECH POOH SCANNING TUB POOH W/ 265 JNTS (258 YB, 7 JNTS RB) LD BHA RU W/L RIH W/ GUAGE RNG TO 6850', POOH PU HALLI 10K CBP RIH SET @ 6840' RD W/L FILL HOLW W/ TMAC PRESS TEST TO 500 PSI 15 MIN PU NOTCHED COLLAR RIH TAG CBP PREP TO PMP CEM SIW SDFN
4/16/2013	7:00 - 7:15	0.25	ABANDT	48		P		JSA= PUMPING CEM
	7:15 - 15:00	7.75	ABANDT	30		P		SIWP= 0 PSI MIRU SCH FILL HOLE W/ TMAC PUMP 5 BBLS AHEAD MIX & PMP 8 SX G CEM ON CBP @ 6840' TOC @ 6740' DISPLACE W/ 22 BBLS POOH TO EOT @ 4480' MIX & PMP 16 SX BAL PLUG TOC @ 4270' DISPLACE W/ 11.9 BBLS POOH LD REMAINING TUB ND BOPS NU WELL HEAD RUN GYRO DIG OUT W/H ND TO CSG HEAD INSTALL CSG COVER T&A COMPLETE
LAT 39.975038 LONG -109.4281495								

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-01191
1. TYPE OF WELL Gas Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
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 1022-3K-4T
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1570 FSL 2044 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 03 Township: 10.0S Range: 22.0E Meridian: S	9. API NUMBER: 43047384880000
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: Uintah	STATE: UTAH

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 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 checked="" type="checkbox"/> DRILLING REPORT Report Date: 1/7/2014	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
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	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

THE SUBJECT WELL WAS RETURNED TO PRODUCTION ON 1/7/2014
 FROM A TEMPORARY ABANDON STATUS. PLEASE SEE THE ATTACHED
 WELL HISTORY REPORT FOR DETAILS.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 February 19, 2014

NAME (PLEASE PRINT) Teena Paulo	PHONE NUMBER 720 929-6236	TITLE Staff Regulatory Specialist
SIGNATURE N/A	DATE 2/19/2014	

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-3K-4T		Spud Conductor: 4/9/2009		Spud Date: 4/10/2009				
Project: UTAH-UINTAH			Site: NBU 1022-03K PAD			Rig Name No: MILES 2/2		
Event: ABANDONMENT			Start Date: 10/22/2013			End Date: 11/27/2013		
Active Datum: RKB @5,217.00usft (above Mean Sea Level)				UWI: 0/10/S/22/E/3/0/NESW/6/PM/S/1,570.00/W/0/2,044.00/0/0				

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
10/22/2013	7:00 -							REBUILD PROD FACILITIES TO RETURN WELL TO PRODUCTION
11/26/2013	7:00 - 7:15	0.25	ABANDT	48		P		HSM, SLPIS, TRIPS & FALLS, PU TBG, D/O CMT PLUGS
	7:15 - 15:30	8.25	ABANDT	31	I	P		MIRU 11/25/13 (2HRS), ND WH, NU BOP, RU FLOOR & TBG EQUIP, PU 3 7/8" BIT, POBS, 1.875" LSN S/N, TALLY & PU TBG TO CMT PLUG TAGGED @ 4,370', RU P/S, FILL TBG & BREAK CIRC, P/T BOP TO 3,000 PSI, D/O CMT FROM 4,370' TO 4,500' (CMT SOFT), SET P/S BACK, TALLY & PU TBG TAG @ 6,825', PU P/S D/O CMT FROM 6,825 TO 6,840', CIRC HOLE, D/O CBP IN AM W/ A/F UNIT, DRAIN & WINTERIZE EQUIP, SWI, SDFN.
11/27/2013	7:00 - 7:15	0.25	ABANDT	48		P		HSM, SLIPS, TRIPS & FALLS, D/O CBP, PU TBG, RIGGING DOWN
	7:15 - 16:00	8.75	ABANDT	44	C	P		BREAK CIRC W/ A/F UNIT UNLOAD HOLE, D/O CBP @ 6,840' (NO KICK), TOP KILL TBG, SET P/S BACK, TALLY & PU TBG TAG @ 7,040', PU P/S & B/C W/ A/F UNIT D/O PLUG PARTS FELL THRU, TOP KILL TBG & SET P/S BACK, TALLY & PU TBG TAG @ 8,300', PU P/S & B/C W/ A/F UNIT PBTD @ 8,790', BTM PERF @ 8,706', C/O TO 8,790' PBTD, 84' PAST BTM PERF W/ 277 JTS 2 3/8" L-80 & J-55 TBG, LD 18 JTS, PU & STRIP IN TBG HANGER & LAND TBG W/ 259 JTS 2 3/8", EOT 8,243.25'. RD P/S, FLOOR & TBG EQUIP, ND BOPS, NU WH, DROP BALL & SHEAR OFF BIT SWI & TURN OVER TO PRODUCTION, DRAIN & WINTERIZE EQUIP, RD & RACK OUT EQUIP TO MOVE ON MONDAY TO THE NBU 1022-3E PAD, SDFHOLIDAY KB= 18' 7 1/16" CAMERON HANGER= .83' TBG DELIVERED 150 JTS L-80 SAMUELS YARD 109 JTS 2 3/8" L-80= 3,445.33' TBG DELIVERED 150 JTS J-55 SAMUELS YARD 1 - 6' PUP JT L-80= 6.10' TOTAL TBG= 300 JTS L-80 & J-55 150 JTS 2 3/8" J-55 = 4,770.79' TBG USED 259 JTS POBS= 2.20' TBG RETURNED 41 JTS L-80 SAMUELS YARD EOT @ 8,243.25'