

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-01198-B
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator KERR MCGEE OIL & GAS ONSHORE LP		7. If Unit or CA Agreement, Name and No. UNIT #891008900A
3A. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078	3b. Phone No. (include area code) (435) 781-7024	8. Lease Name and Well No. NBU 1022-22P
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SESE 636'FSL, 296'FEL 635287X At proposed prod. Zone 4420854Y - 109.416815		9. API Well No. 43-047-38803
14. Distance in miles and direction from nearest town or post office* 38.4 MILES SOUTHEAST OF OURAY, UTAH		10. Field and Pool, or Exploratory NATURAL BUTTES
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 296'	16. No. of Acres in lease 2040.00	11. Sec., T., R., M., or Blk, and Survey or Area SEC. 22, T10S, R22E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C	19. Proposed Depth 8320'	12. County or Parish UINTAH
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5401'GL	20. BLM/BIA Bond No. on file BOND NO: WY-2357	13. State UTAH
22. Approximate date work will start*		17. Spacing Unit dedicated to this well 40.00
23. Estimated duration		

24. Attachments

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

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

25. Signature 	Name (Printed/Typed) SHEILA UPCHEGO	Date 10/24/2006
Title REGULATORY ANALYST		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 11-07-06
Title OFFICE ENVIRONMENTAL MANAGER		

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

Conditions of approval, if any, are attached.

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

*(Instructions on reverse)

Federal Approval of this
Action is Necessary

RECEIVED

NOV 01 2006

DIV. OF OIL, GAS & MINING

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

Kerr-McGee Oil & Gas Onshore LP

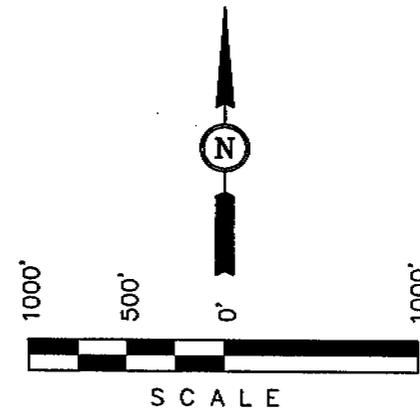
Well location, NBU #1022-22P, located as shown in the SE 1/4 SE 1/4 of Section 22, T10S, R22E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

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

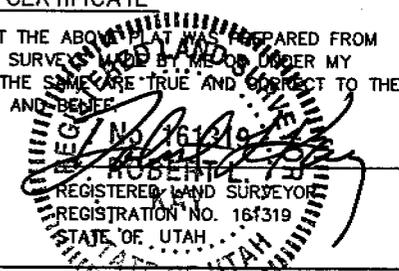
BASIS OF BEARINGS

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



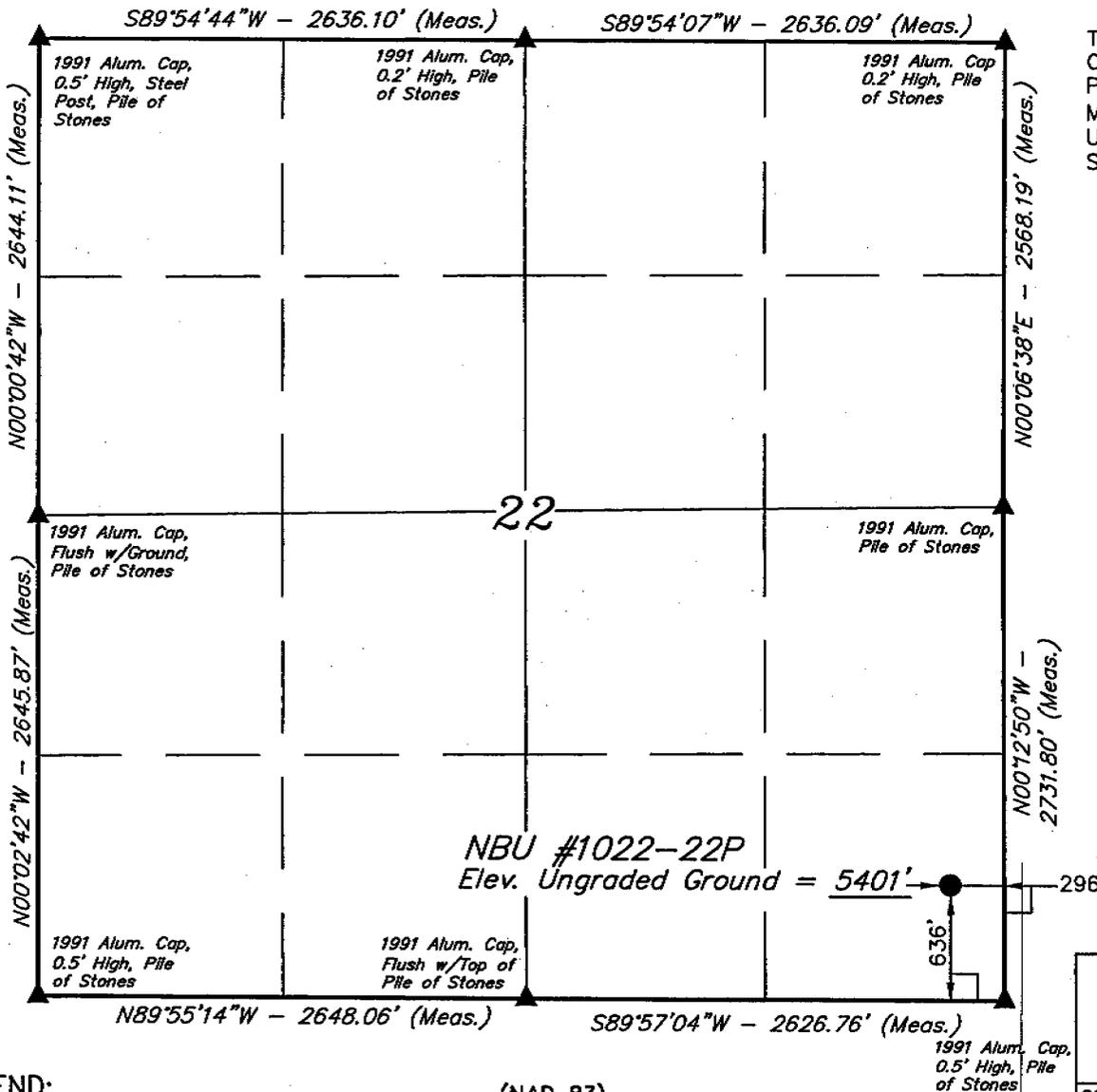
CERTIFICATE

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 ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



UINTAH ENGINEERING & LAND SURVEYING
 85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 08-03-06	DATE DRAWN: 08-04-06
PARTY T.A. B.C. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE Kerr-McGee Oil & Gas Onshore LP	



LEGEND:

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

(NAD 83)
 LATITUDE = 39°55'43.76" (39.928822)
 LONGITUDE = 109°25'03.31" (109.417586)
 (NAD 27)
 LATITUDE = 39°55'43.88" (39.928856)
 LONGITUDE = 109°25'00.86" (109.416906)

NBU #1022-22P
SESE SEC 22, T10S, R22E
UINTAH COUNTY, UTAH
UTU-01198-B

ONSHORE ORDER NO. 1

DRILLING PROGRAM

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

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	1113'
Top of Birds Nest Water	1302'
Mahogany	1826'
Wasatch	4015'
Mesaverde	6278'
MVU2	7188'
MVL1	7785'
TD	8320'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1113'
	Top of Birds Nest Water	1302'
	Mahogany	1826'
Gas	Wasatch	4015'
Gas	Mesaverde	6278'
Gas	MVU2	7188'
Gas	MVL1	7785'
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 8320' TD, approximately equals 5158 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3328 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. **Variances:**

Please see Natural Buttes Unit SOP.

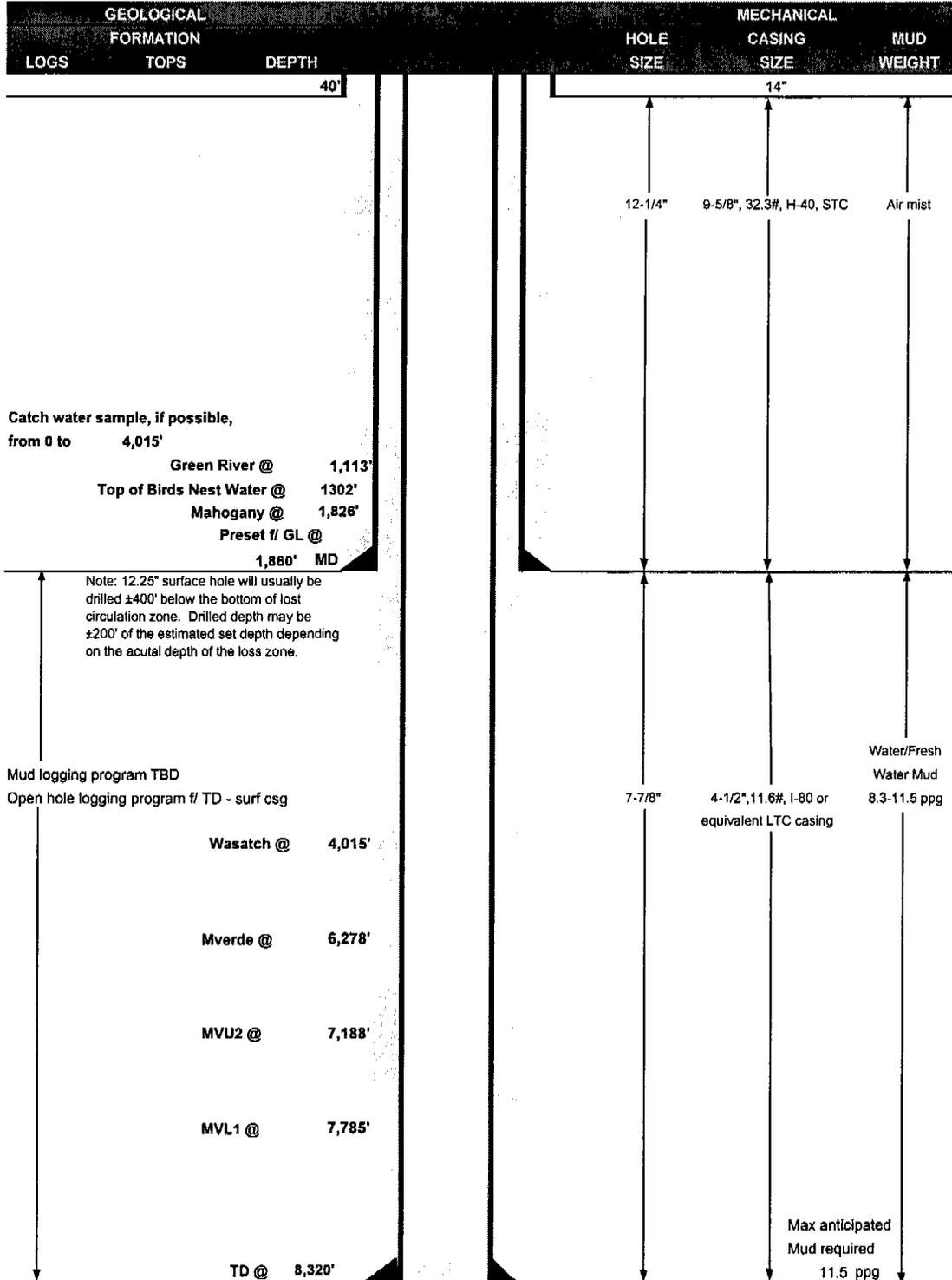
10. **Other Information:**

Please see Natural Buttes Unit SOP.



KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

COMPANY NAME KERR-McGEE OIL & GAS ONSHORE LP DATE October 24, 2006
 WELL NAME NBU 1022-22P TD 8,320' MD/TVD _____
 FIELD Natural Buttes COUNTY Uintah STATE Utah ELEVATION 5,401' GL KB 5,416'
 SURFACE LOCATION SESE SEC. 22, T10S, R22E 636'FSL, 296'FEL BHL Straight Hole
 Latitude: 39.928822 Longitude: 109.417586
 OBJECTIVE ZONE(S) Wasatch/Mesaverde
 ADDITIONAL INFO Regulatory Agencies: BLM (SURF & MINERALS), UDOGM, Tri-County Health Dept.





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 1860	32.30	H-40	STC	0.72	1.57	4.83
PRODUCTION	4-1/2"	0 to 8320	11.60	I-80	LTC	2.47	1.28	2.39

- 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 3145 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	3,510'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	390	60%	11.00	3.38
	TAIL	4,810'	50/50 Poz/G + 10% salt + 2% gel + .1% R-3	1350	60%	14.30	1.31

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

FLOAT EQUIPMENT & CENTRALIZERS

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

ADDITIONAL INFORMATION

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

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

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

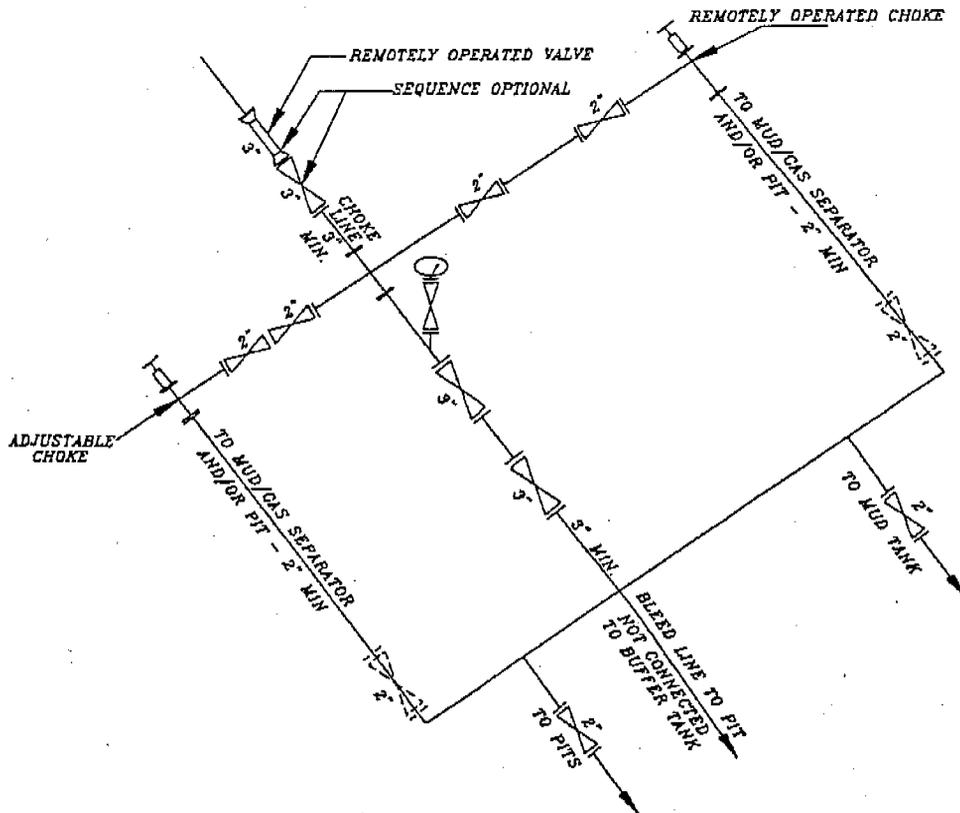
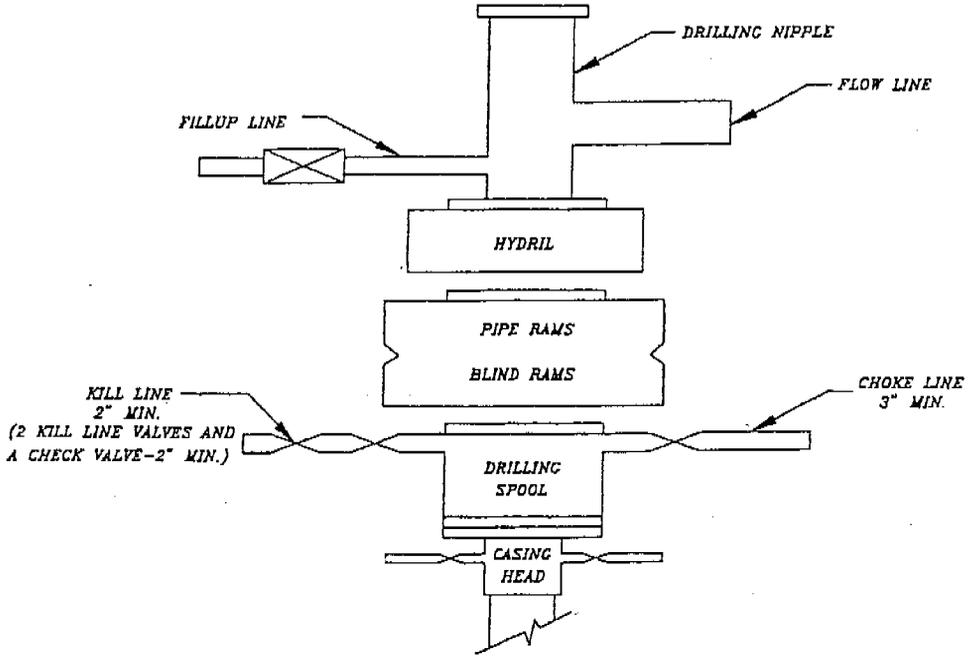
Most rigs have PVT Systems for mud monitoring. If no PVT is available, visual monitoring will be utilized.

DRILLING ENGINEER: _____ DATE: _____
Brad Laney

DRILLING SUPERINTENDENT: _____ DATE: _____
Randy Bayne

NBU1022-22P DHD.xls

5M BOP STACK and CHOKE MANIFOLD SYSTEM



**NBU #1022-22P
SESE SEC 22, T10S, R22E
UINTAH COUNTY, UTAH
UTU-01198-B**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Refer to the attached location directions.

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

2. Planned Access Roads:

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

Approximately 0.2 +/- miles of new access road. Please refer to the attached Topo Map B.

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

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

Please see the Natural Buttes Unit SOP.

Variances to Best Management Practices (BMPs) Requested:

Approximately 913' +/- of 4" pipeline is proposed from the location to an existing pipeline. The pipeline shall be buried across the wash. 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 4 lbs.

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

11. Surface Ownership:

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

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

12. Other Information:

A Class III Archaeological Survey Report has been performed and completed the report will be submitted when it becomes available. The paleontological Survey Report No. 06-255 completed on September 8, 2006; the report is being submitted along with the Application for Permit to Drill (APD).

WILDLIFE STIPULATIONS:

GOLDEN EAGLE: No construction or drilling from February 1st – July 15th. – Inactive nest if it becomes active with a two year delay. The operator will check with the BLM Biologist.

HOOKLESS CACTUS: The operator is in the process of having this location surveyed for the hookless cactus as of October 10/18/2006.

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 Bold #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

10/24/2006

Date

Kerr McGee Oil & Gas Onshore LP
NBU #1022-22P
SECTION 22, 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 9.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 1.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 1.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN EASTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 1.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.7 TO THE EXISTING #1022-23M AND THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 57.2 MILES.

Kerr-McGee Oil & Gas Onshore LP

NBU #1022-22P

LOCATED IN UINTAH COUNTY, UTAH
SECTION 22, T10S, R22E, S.L.B.&M.

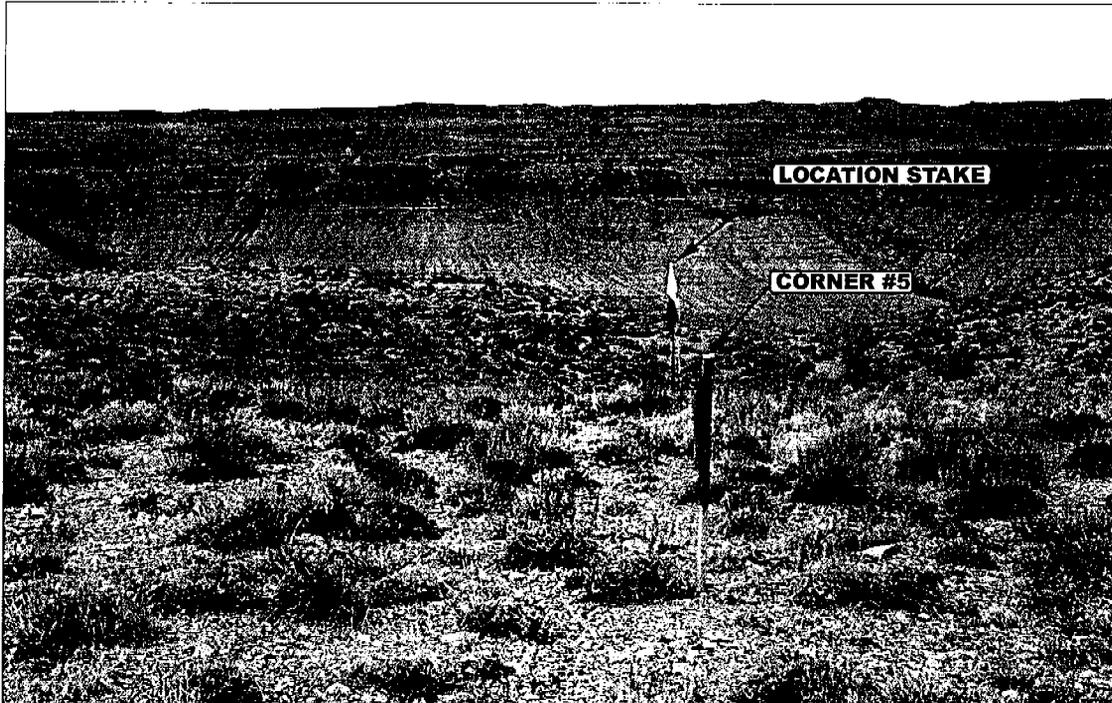


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



- Since 1964 -

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

LOCATION PHOTOS

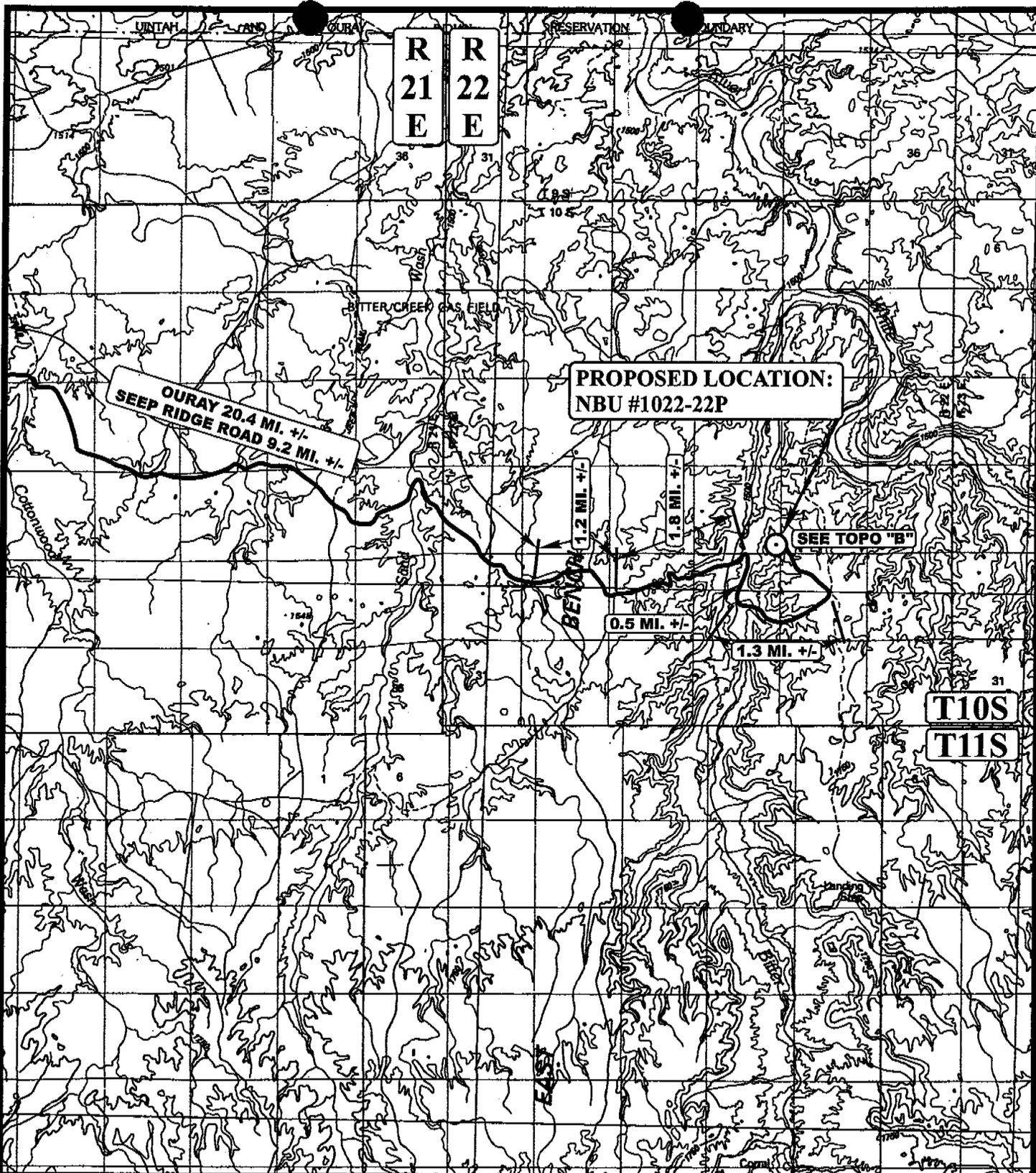
08 | 07 | 06
MONTH | DAY | YEAR

PHOTO

TAKEN BY: B.H.

DRAWN BY: L.K.

REVISED: 00-00-00



**PROPOSED LOCATION:
NBU #1022-22P**

**OURAY 20.4 MI. +/-
SEEP RIDGE ROAD 9.2 MI. +/-**

SEE TOPO "B"

0.5 MI. +/-

1.3 MI. +/-

1.2 MI. +/-

1.8 MI. +/-

T10S

T11S

**R
21
E**

**R
22
E**

LEGEND:

○ PROPOSED LOCATION

Kerr-McGee Oil & Gas Onshore LP

NBU #1022-22P

SECTION 22, T10S, R22E, S.L.B.&M.

636' FSL 296' FEL

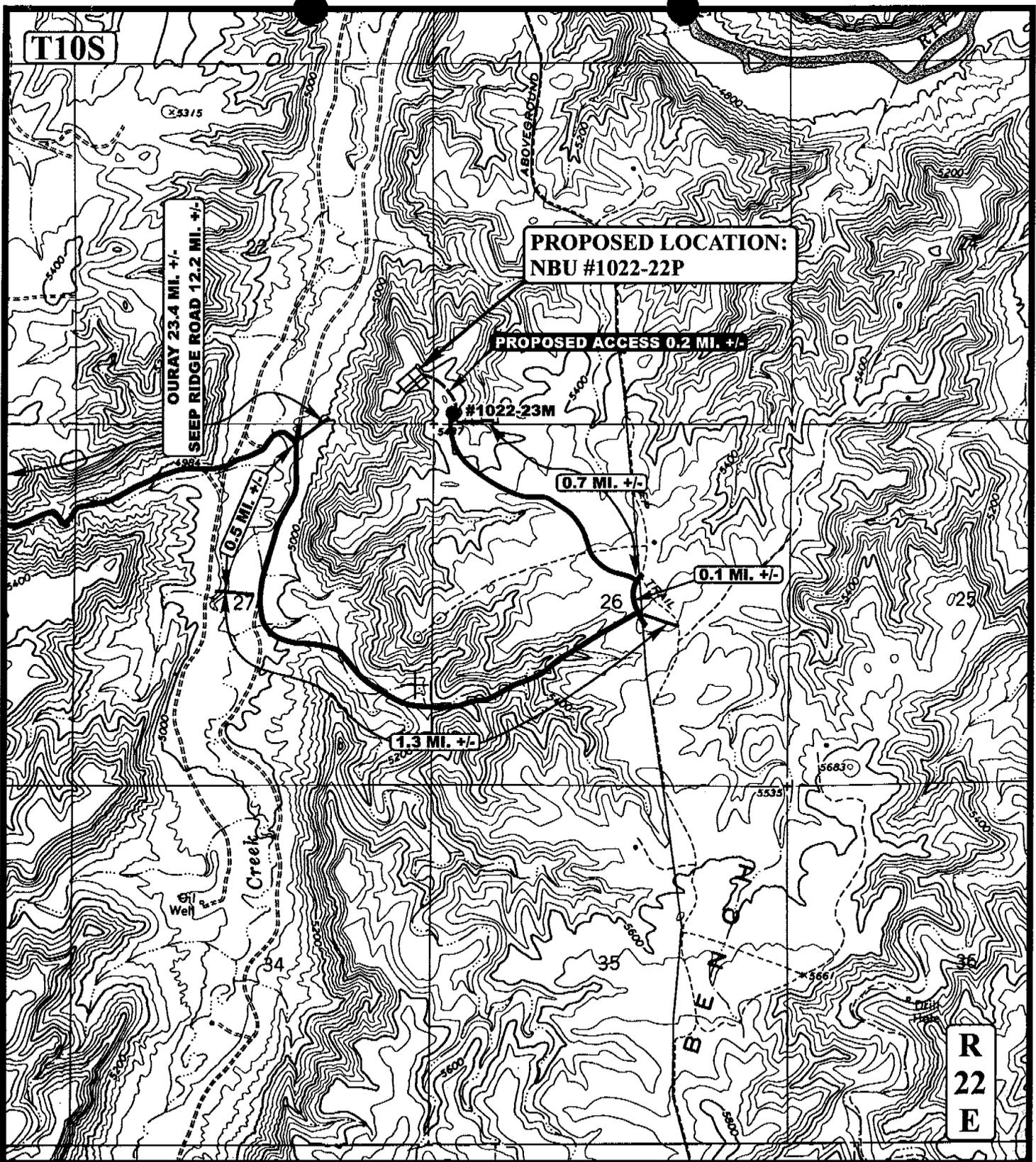


Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC 08 07 06
MAP MONTH DAY YEAR
SCALE: 1:100,000 DRAWN BY: L.K. REVISED: 00-00-00





LEGEND:

- EXISTING ROAD
- - - - - PROPOSED ACCESS ROAD



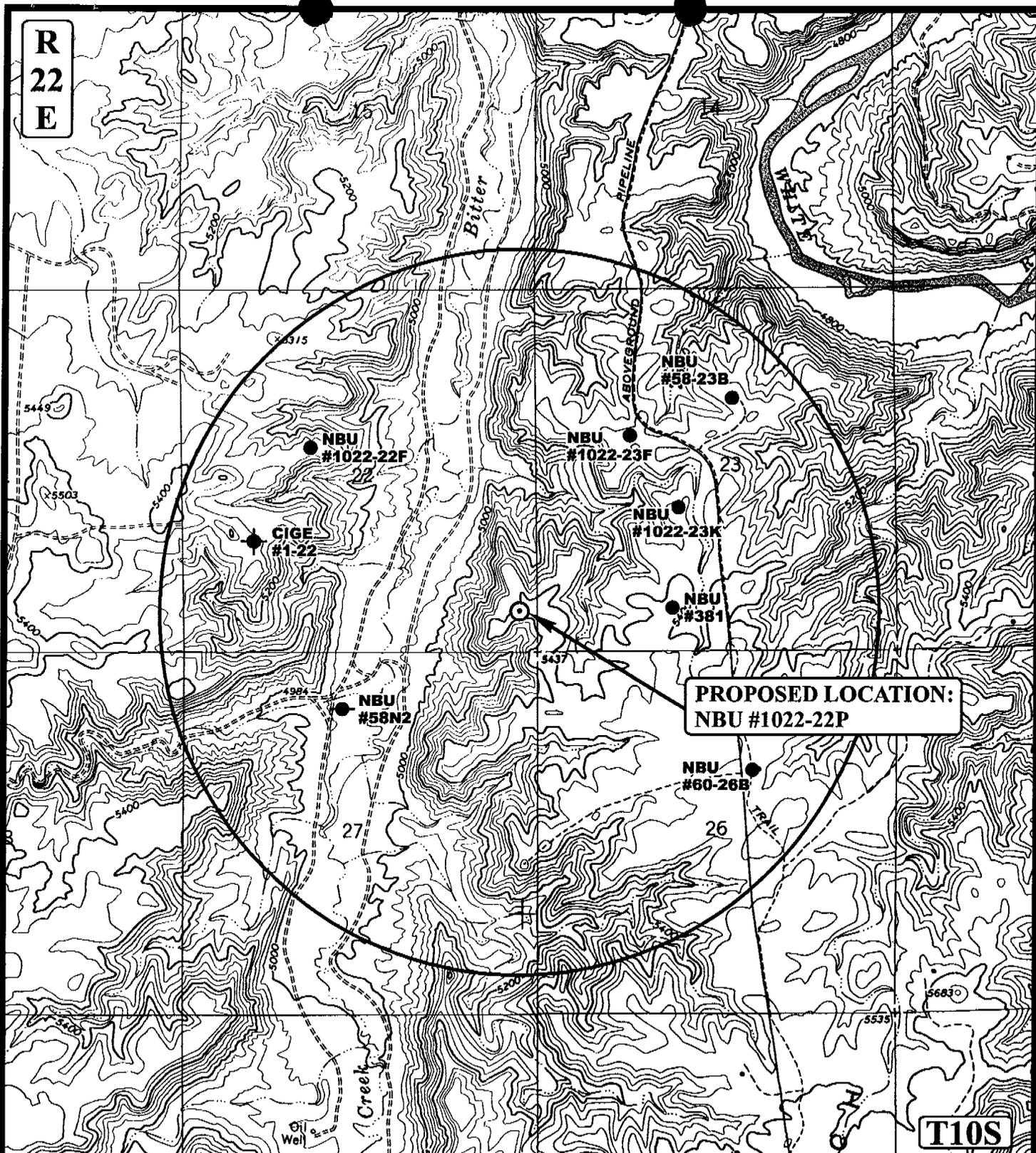
Kerr-McGee Oil & Gas Onshore LP
NBU #1022-22P
SECTION 22, T10S, R22E, S.L.B.&M.
636' FSL 296' FEL

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

TOPOGRAPHIC **08 07 06**
MAP **MONTH DAY YEAR**
SCALE: 1" = 2000' **DRAWN BY: L.K.** **REVISED: 00-00-00**



R
22
E



**PROPOSED LOCATION:
NBU #1022-22P**

T10S

LEGEND:

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



Kerr-McGee Oil & Gas Onshore LP

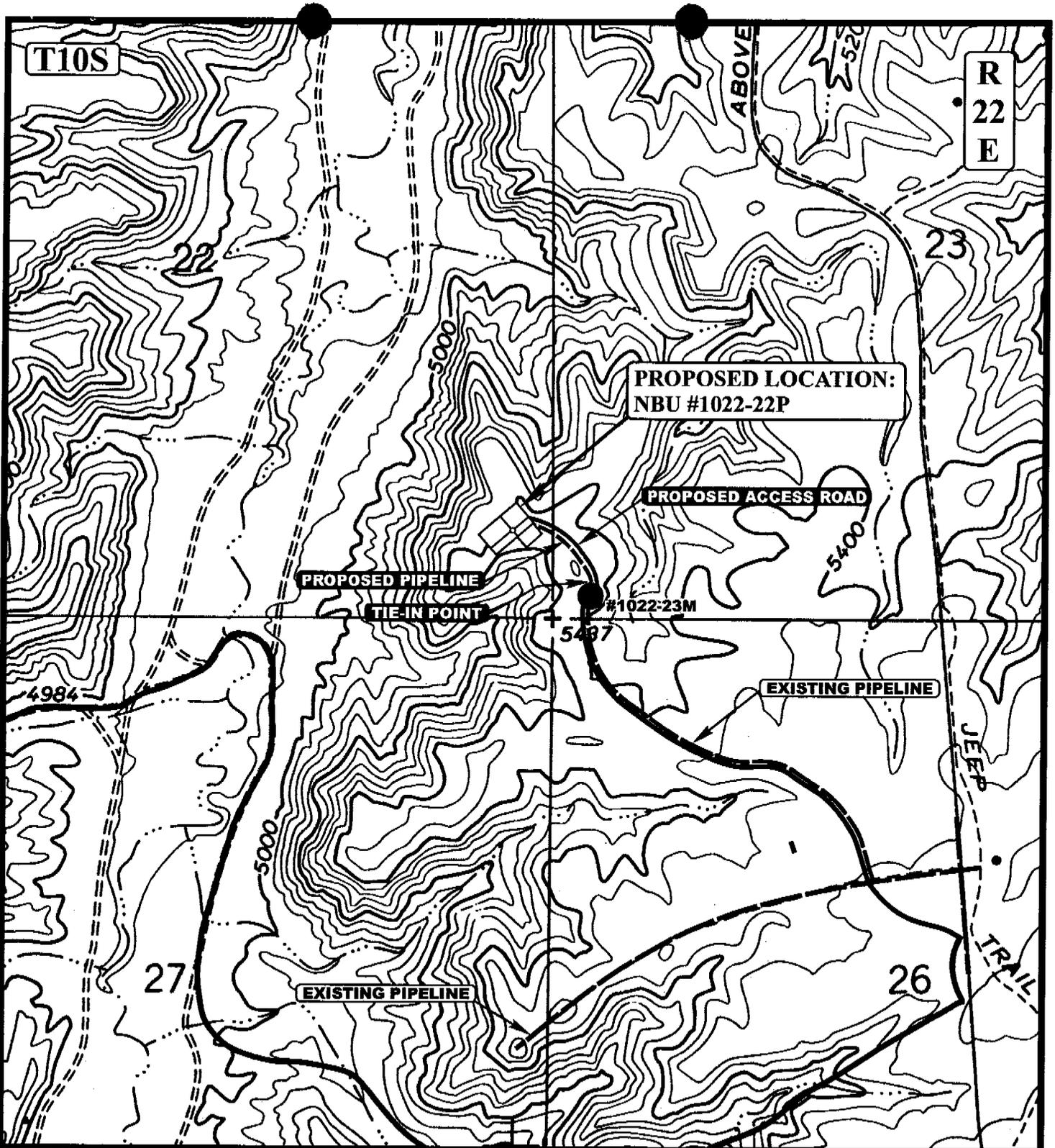
**NBU #1022-22P
SECTION 22, T10S, R22E, S.L.B.&M.
636' FSL 296' FEL**



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

TOPOGRAPHIC 08 07 06
MAP MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: L.K. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 913' +/-

LEGEND:

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



Kerr-McGee Oil & Gas Onshore LP

NBU #1022-22P

SECTION 22, T10S, R22E, S.L.B.&M.

636' FSL 296' FEL



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

TOPOGRAPHIC
MAP

08	07	06
MONTH	DAY	YEAR

SCALE: 1" = 1000' DRAWN BY: L.K. REVISED: 00-00-00

D
TOPO

Kerr-McGee Oil & Gas Onshore LP
NBU #1022-22P
PIPELINE ALIGNMENT
LOCATED IN UINTAH COUNTY, UTAH
SECTION 22, T10S, R22E, S.L.B.&M.



PHOTO: VIEW OF PIPELINE ALIGNMENT

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM TIE-IN POINT

CAMERA ANGLE: NORTHWESTERLY



- Since 1964 -

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

PIPELINE PHOTOS

08 **07** **06**
 MONTH DAY YEAR

PHOTO

TAKEN BY: B.H.

DRAWN BY: L.K.

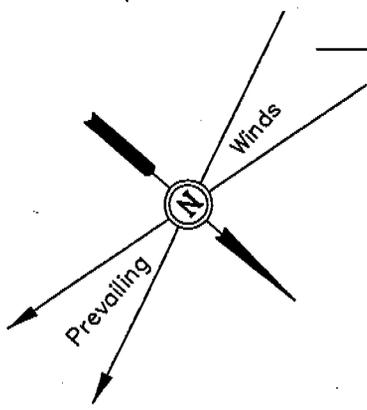
REVISED: 08-10-06

Kerr-McGee Oil & Gas Onshore LP

FIGURE #1

LOCATION LAYOUT FOR

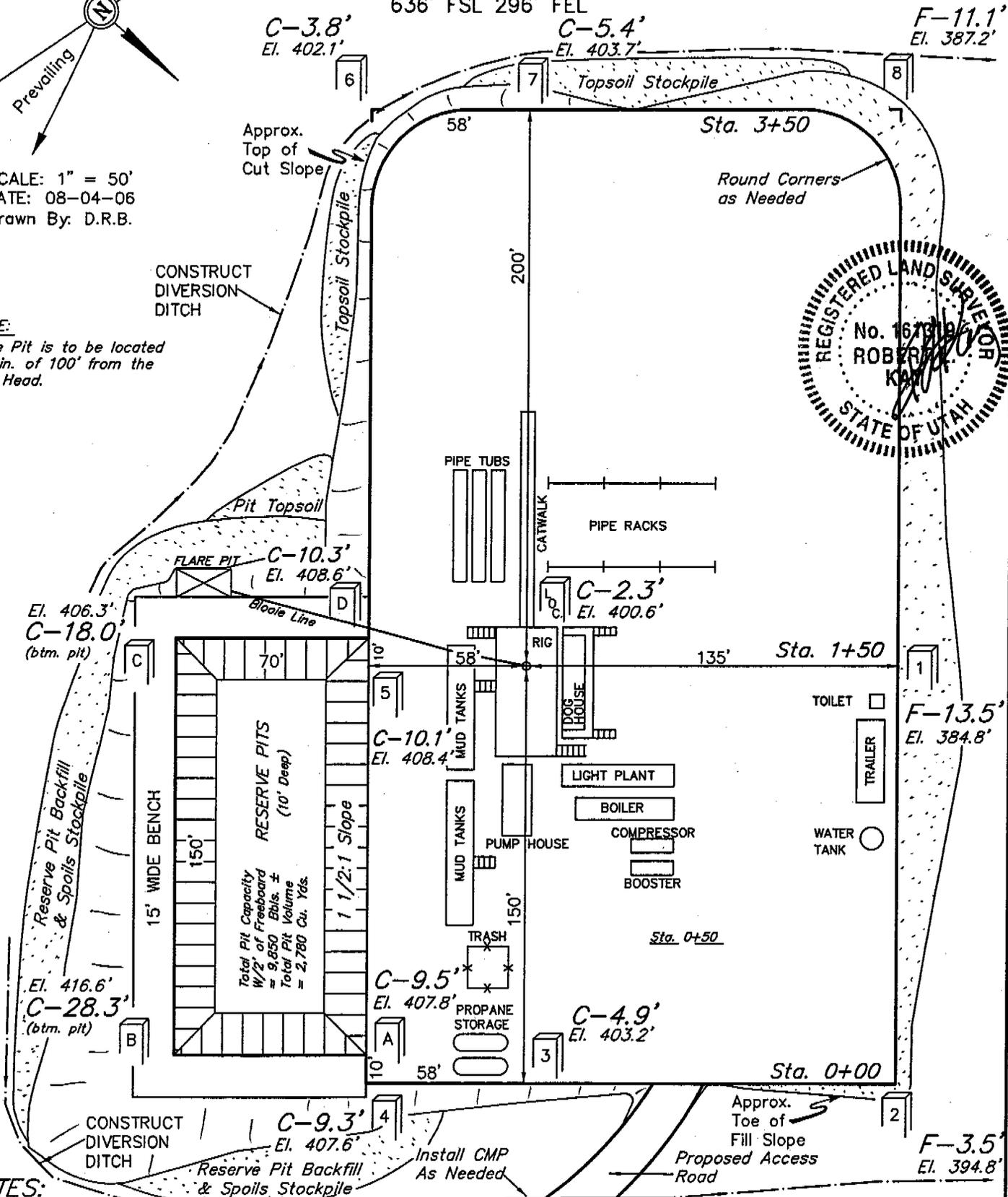
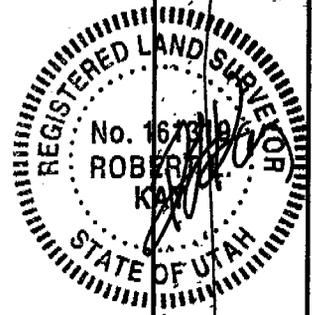
NBU #1022-22P
SECTION 22, T10S, R22E, S.L.B.&M.
636' FSL 296' FEL



SCALE: 1" = 50'
DATE: 08-04-06
Drawn By: D.R.B.

NOTE:

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



NOTES:

Elev. Ungraded Ground At Loc. Stake = 5400.6'
FINISHED GRADE ELEV. AT LOC. STAKE = 5398.3'

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

Kerr-McGee Oil & Gas Onshore LP

FIGURE #2

TYPICAL CROSS SECTIONS FOR

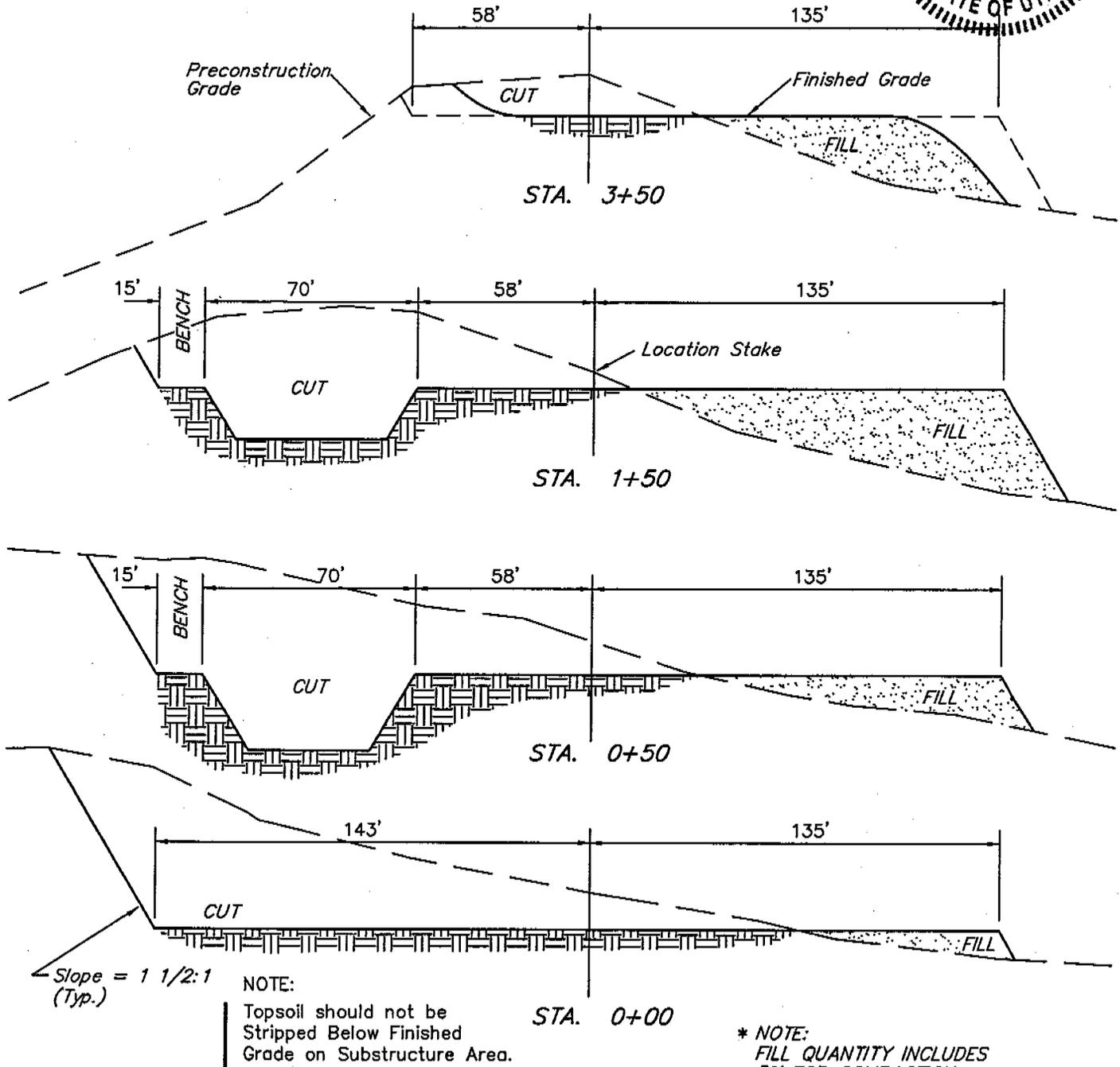
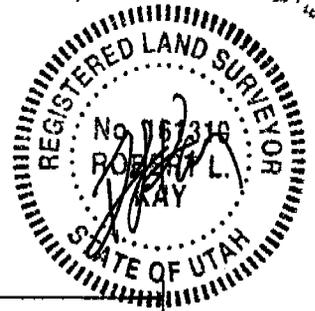
NBU #1022-22P

SECTION 22, T10S, R22E, S.L.B.&M.

636' FSL 296' FEL

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

DATE: 08-04-06
Drawn By: D.R.B.



APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,910 Cu. Yds.
Remaining Location	= 17,040 Cu. Yds.
TOTAL CUT	= 18,950 CU.YDS.
FILL	= 8,920 CU.YDS.

EXCESS MATERIAL	= 10,030 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,300 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 6,730 Cu. Yds.

* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

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

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/01/2006

API NO. ASSIGNED: 43-047-38803

WELL NAME: NBU 1022-22P
 OPERATOR: KERR-MCGEE OIL & GAS (N2995)
 CONTACT: SHEILA UPCHEGO

PHONE NUMBER: 435-781-7024

PROPOSED LOCATION:

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

SESE 22 100S 220E
 SURFACE: 0636 FSL 0296 FEL
 BOTTOM: 0636 FSL 0296 FEL
 COUNTY: UINTAH
 LATITUDE: 39.92889 LONGITUDE: -109.4168
 UTM SURF EASTINGS: 635287 NORTHINGS: 4420854
 FIELD NAME: NATURAL BUTTES (630)

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-01198-B
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: WSMVD
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

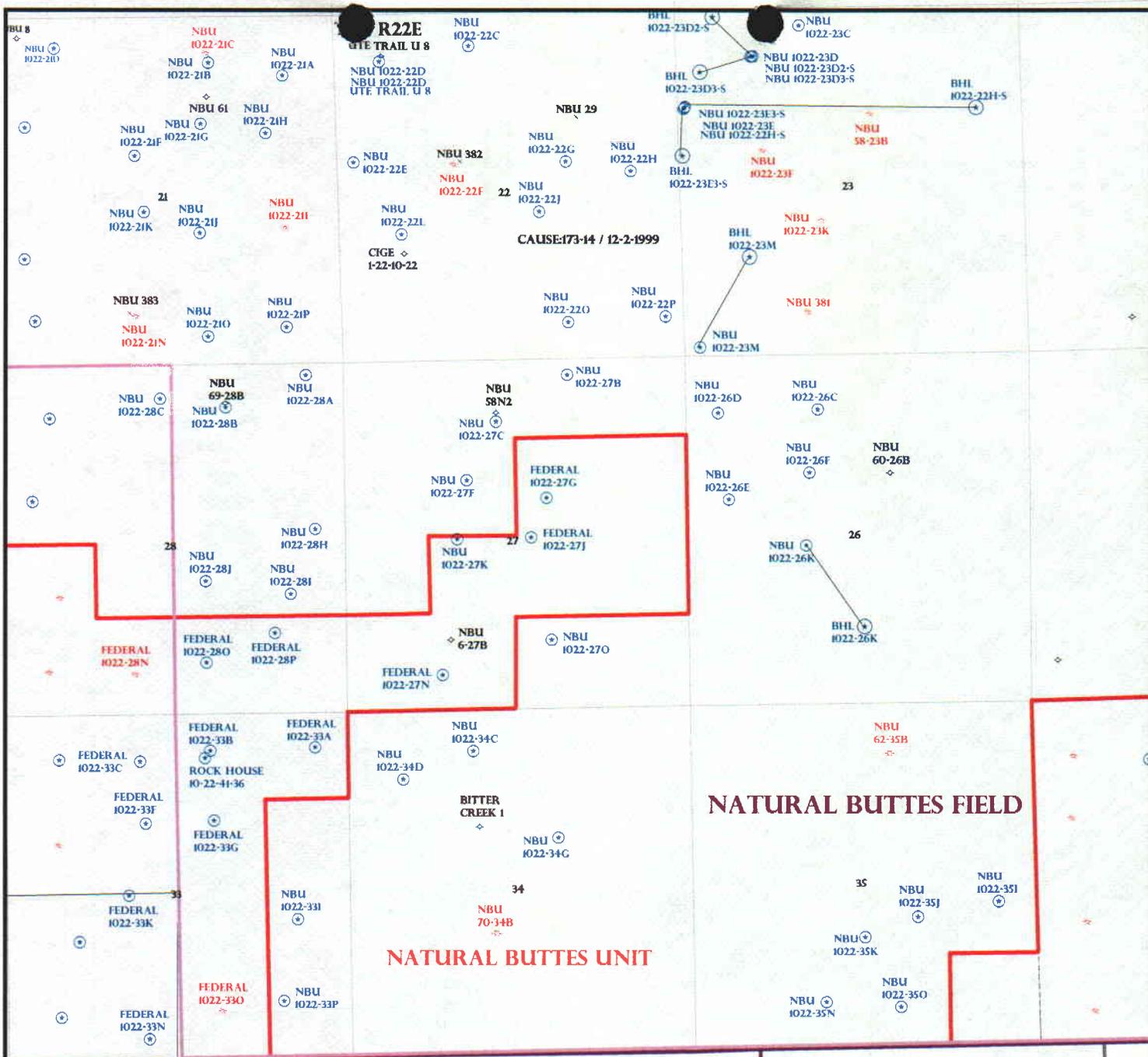
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. WY-2357)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-8496)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

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: 12-2-89
Siting: 460' fr 11 bdr of uncom. Tract
- R649-3-11. Directional Drill

COMMENTS: Sep, Separate file

STIPULATIONS: 1- Fed. Mapping
2- OIL SHALE



OPERATOR: KERR MCGEE O&G (N2995)

SEC: 22,27,34 T.10S R. 22E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

CAUSE:173-14 / 12-2-1999

Field Status

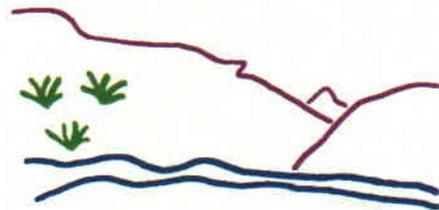
	ABANDONED
	ACTIVE
	COMBINED
	INACTIVE
	PROPOSED
	STORAGE
	TERMINATED

Unit Status

	EXPLORATORY
	GAS STORAGE
	NF PP OIL
	NF SECONDARY
	PENDING
	PI OIL
	PP GAS
	PP GEOTHERML
	PP OIL
	SECONDARY
	TERMINATED

Wells Status

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



Utah Oil Gas and Mining



PREPARED BY: DIANA MASON
DATE: 3-NOVEMBER-2006

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

November 6, 2006

Memorandum

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

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

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

(Proposed PZ Wasatch/MesaVerde)

43-047-38799	NBU 1022-27F Sec 27 T10S R22E 1809 FNL 1878 FWL	
43-047-38795	NBU 1022-270 Sec 27 T10S R22E 1016 FSL 2127 FEL	
43-047-38808	NBU 1022-34C Sec 34 T10S R22E 0655 FNL 1908 FWL	
43-047-38807	NBU 1022-34D Sec 34 T10S R22E 1067 FNL 0825 FWL	
43-047-38802	NBU 1022-22H Sec 22 T10S R22E 2442 FNL 0792 FEL	
43-047-38803	NBU 1022-22P Sec 22 T10S R22E 0636 FSL 0296 FEL	
43-047-38792	NBU 1022-22J Sec 22 T10S R22E 2257 FSL 2209 FEL	
43-047-38793	NBU 1022-22O Sec 22 T10S R22E 0576 FSL 1798 FEL	
43-047-38794	NBU 1022-22G Sec 22 T10S R22E 2277 FNL 1791 FEL	
43-047-38806	NBU 1022-34G Sec 34 T10S R22E 1991 FNL 2080 FEL	
43-047-38804	NBU 1022-27B Sec 27 T10S R22E 0228 FNL 1825 FEL	
43-047-38880	NBU 1022-9K-2T Sec 09 T10S R22E 2126 FSL 1483 FWL	

Our records indicate the 1022-270 is closer than 460 feet from the Natural Buttes Unit boundary.

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

/s/ Michael L. Coulthard

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

MCoulthard:mc:11-6-06



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

November 7, 2006

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

Re: Natural Buttes Unit 1022-22P Well, 636' FSL, 296' FEL, SE SE, Sec. 22,
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 43-047-38803.

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 1022-22P
API Number: 43-047-38803
Lease: UTU-01198-B

Location: SE SE Sec. 22 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-01198-B

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
NBU 1022-22P

9. API Well No.
4304738803

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)
**636'FSL-296'FEL
SESE SEC 22-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	DOGM
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

THE OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE DIVISION OF OIL, GAS AND MINING ON NOVEMBER 11, 2007.

Approved by the
Chief Division of
Oil, Gas and Mining

Date: 11-05-07
By: [Signature]

COPY SENT TO OPERATOR
Date: 11-5-07
Initials: RM

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

Name (Printed/Typed) SHEILA UPCHEGO	Title SENIOR LAND ADMIN SPECIALIST
Signature <u>[Signature]</u>	Date October 11, 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)

RECEIVED

NOV 01 2007

DIV. OF OIL, GAS & MINING

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

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

API: 4304738803
Well Name: NBU 1022-22P
Location: SESE SEC 22-T10S-R22E
Company Permit Issued to: KERR-MCGEE OIL & GAS ONSHORE LP
Date Original Permit Issued: 11/7/2006

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

10/11/2007

Date

Title: SENIOR LAND ADMIN SPECIALIST

Representing: KERR-MCGEE OIL & GAS ONSHORE LP

RECEIVED

NOV 01 2007

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

APPLICATION FOR PERMIT TO DRILL OR REENTER

RECEIVED

1a. Type of Work: DRILL REENTER

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

NOV - 2 2006

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

BLM VERNAL, UTAH

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

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

5. Lease Serial No.
UTU-01198-B

6. If Indian, Allottee or Tribe Name

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

UNIT #891008900A

8. Lease Name and Well No.

NBU 1022-22P

9. API Well No.

43 047 38803

10. Field and Pool, or Exploratory
NATURAL BUTTES

11. Sec., T., R., M., or Blk, and Survey or Area

SEC. 22, T10S, R22E

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

At surface **SESE 636'FSL, 296'FEL**

At proposed prod. Zone

14. Distance in miles and direction from nearest town or post office*

38.4 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) **296'**

16. No. of Acres in lease

2040.00

17. Spacing Unit dedicated to this well

40.00

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

19. Proposed Depth
8320'

20. BLM/BIA Bond No. on file

BOND NO: WY-4WY000591

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

5401'GL

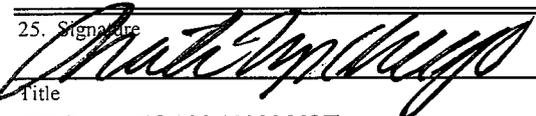
22. Approximate date work will start*

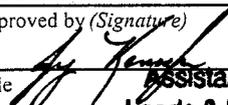
23. Estimated duration

24. Attachments

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

- | | |
|---|--|
| <ul style="list-style-type: none"> 1. Well plat certified by a registered surveyor. 2. A Drilling Plan. 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office. | <ul style="list-style-type: none"> 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). 5. Operator certification. 6. Such other site specific information and/or plans as may be required by the authorized office. |
|---|--|

25. Signature 	Name (Printed/Typed) SHEILA UPCHEGO	Date 10/24/2006
---	---	---------------------------

Approved by (Signature) 	Name (Printed/Typed) Jerry Kenzka	Date 6-24-2008
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. **CONDITIONS OF APPROVAL ATTACHED**

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

*(Instructions on reverse)



NOTICE OF APPROVAL

RECEIVED

JUN 26 2008

DIV. OF OIL, GAS & MINING

06LW1616A



**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:	SESE, Sec. 22, T10S, R22E
Well No:	NBU 1022-22P	Lease No:	UTU-01198-B
API No:	43-047-38803	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)***

Surface COAs:

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A 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 COAs:

- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be re-contoured and the topsoil re-spread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be re-contoured to natural contours, topsoil re-spread where appropriate, and the entire location seeded with the recommended seed mix. Seeding shall take place by broadcasting the seed and walking it into the soil with a dozer immediately after the dirt work is completed.
- The lessee/operator is given notice that lands in the lease have been identified as containing Golden eagle nesting habitat. It is requested that the lessee/operator not initiate surface disturbing activities or drilling from February 2nd through July 15th. A survey may be conducted by a qualified biologist or a BLM representative during this timing period to determine if golden eagles are in the area.

DOWNHOLE CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- Pressure integrity test of each casing shoe shall be performed.

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

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

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

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

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

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-01198B
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
		7. UNIT or CA AGREEMENT NAME: UTU-63047A
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: NBU 1022-22P	
2. NAME OF OPERATOR: Kerr-McGee Oil & Gas Onshore, LP		9. API NUMBER: 4304738803
3. ADDRESS OF OPERATOR: P.O. Box 173779 CITY Denver STATE CO ZIP 80217-3779	PHONE NUMBER: (720) 929-6226	10. FIELD AND POOL, OR WILDCAT: Natural Buttes Field
4. LOCATION OF WELL FOOTAGES AT SURFACE: 636' FSL & 296' FEL		COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE 22 10S 22E		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 (Submit in Duplicate) Approximate date work will start: _____ <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>APD Extension</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Kerr-McGee Oil & Gas Onshore, LP, respectfully requests a one year extension for this APD in order to complete drilling operations. The Utah Division for Oil, Gas, and Mining initially approved this APD on 11/7/2006.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 11-05-08
By: [Signature]

NAME (PLEASE PRINT) <u>Kevin McIntyre</u>	TITLE <u>Regulatory Analyst</u>
SIGNATURE <u>[Signature]</u>	DATE <u>11/3/2008</u>

(This space for State use only)

COPY SENT TO OPERATOR
Date: 11.6.2008
Initials: KS

(See Instructions on Reverse Side)

RECEIVED
NOV 04 2008
DIV. OF OIL, GAS & MINING

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

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

API: 4304738803
Well Name: NBU 1022-22P
Location: SESE 636' FSL & 296' FEL, Sec. 22, T10S, R22E
Company Permit Issued to: Kerr-McGee Oil & Gas Onshore, LP
Date Original Permit Issued: 11/7/2006

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

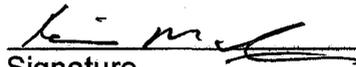
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

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

11/3/2008
Date

Title: Regulatory Analyst

Representing: Kerr-McGee Oil & Gas Onshore, LP

RECEIVED
NOV 04 2008
DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01198-B
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 1022-22P
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047388030000
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: 0636 FSL 0296 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 22 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: 10/30/2009	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input 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 checked="" 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.

Kerr-McGee Oil & Gas Onshore, L.P. (Kerr-McGee) respectfully requests an extension to this APD for the maximum time allowed. Please contact the undersigned with any questions and/or comments. Thank you.

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

Date: October 26, 2009

By: 

NAME (PLEASE PRINT) Danielle Piernot	PHONE NUMBER 720 929-6156	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 10/26/2009	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047388030000

API: 43047388030000

Well Name: NBU 1022-22P

Location: 0636 FSL 0296 FEL QTR SESE SEC 22 TWP 100S RNG 220E MER S

Company Permit Issued to: KERR-MCGEE OIL & GAS ONSHORE, L.P.

Date Original Permit Issued: 11/7/2006

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 rightof- 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

Approved by the Utah Division of Oil, Gas and Mining

Signature: Danielle Piernot

Date: 10/26/2009

Title: Regulatory Analyst **Representing:** KERR-MCGEE OIL & GAS ONSHORE, L.P.

Date: October 26, 2009

By: 

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-01198-B
1. TYPE OF WELL Gas Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	8. WELL NAME and NUMBER: NBU 1022-22P
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: 0636 FSL 0296 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 22 Township: 10.0S Range: 22.0E Meridian: S	9. API NUMBER: 43047388030000
	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: 5/17/2010	<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 checked="" 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 type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER:
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

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

Kerr-McGee Oil & Gas Onshore LP (Kerr-McGee) respectfully requests to change the surface casing size for this well from FROM: 9-5/8" TO: 8-5/8" due to a revised drilling procedure. The production casing will still be cemented it's entire length to the surface. Please see the attached drilling program for additional details. All other information remains the same. Please contact the undersigned with any questions and/or comments. Thank you

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

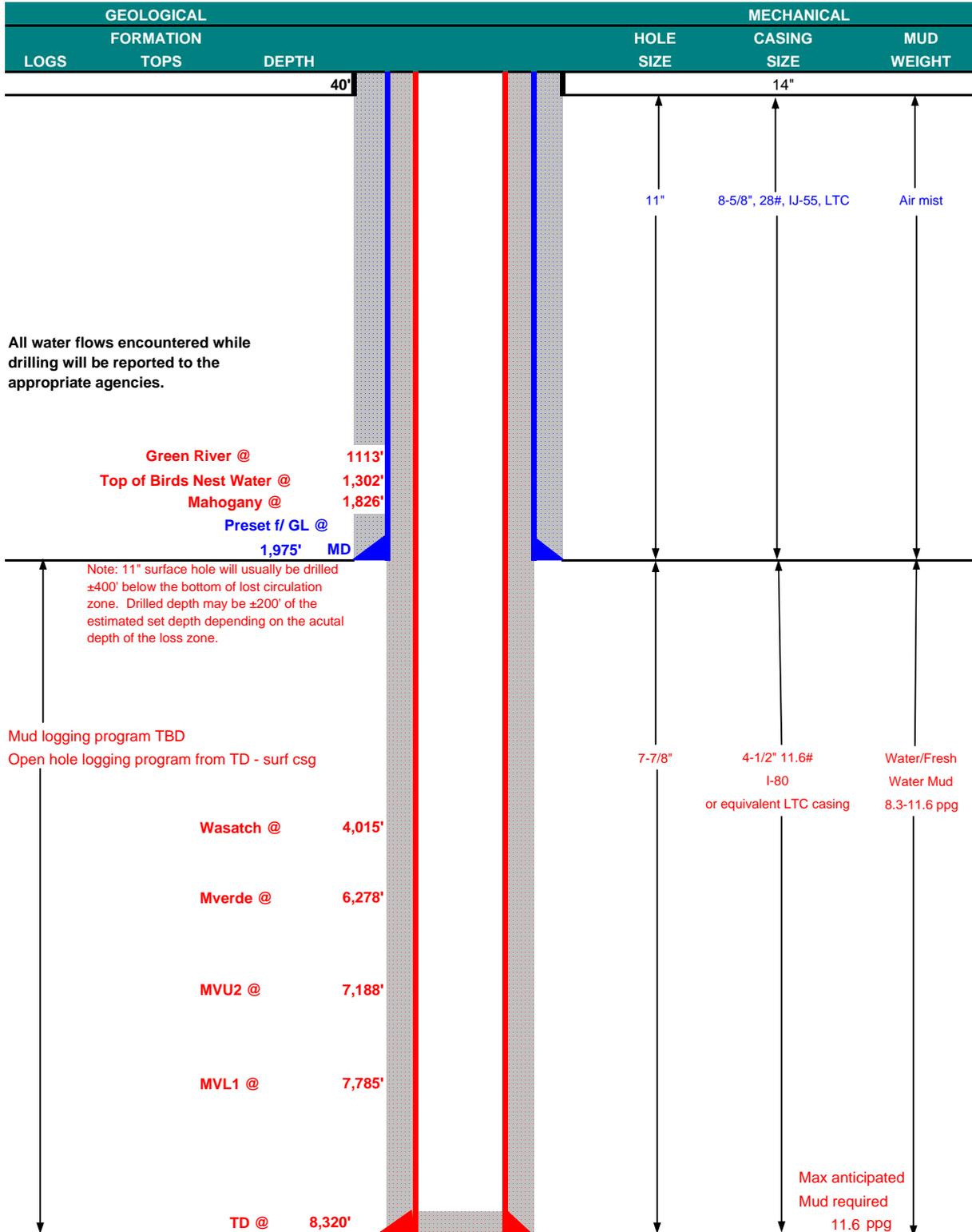
Date: May 11, 2010
By: *Danielle Piernot*

NAME (PLEASE PRINT) Danielle Piernot	PHONE NUMBER 720 929-6156	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 5/6/2010	



KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

COMPANY NAME KERR-McGEE OIL & GAS ONSHORE LP DATE May 6, 2010
 WELL NAME NBU 1022-22P TD 8,320' MD/TVD _____
 FIELD Natural Buttes COUNTY Uintah STATE Utah FINISHED ELEVATION 5,398'
 SURFACE LOCATION SE/4 SE/4 636' FSL 296' FEL Sec 22 T 10S R 22E BHL Straight Hole
 Latitude: 39.928822 Longitude: -109.417586 NAD 83 _____
 OBJECTIVE ZONE(S) Wasatch/Mesaverde
 ADDITIONAL INFO Regulatory Agencies: BLM (MINERALS), BLM (SURFACE), UDOGM, Tri-County Health Dept.





KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'				3,390	1,880	348,000
SURFACE	8-5/8"	0 to 1975	28.00	IJ-55	LTC	1.06	2.03	6.23
PRODUCTION	4-1/2"	0 to 8320	11.60	I-80	LTC	2.44	1.27	2.39

*Burst on surface casing is controlled by fracture gradient as shoe with gas gradient above. D.F. = 2.72

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 - (0.22 psi/ft-partial evac gradient x TD)
 (Burst Assumptions: TD = 11.6 ppg) 0.22 psi/ft = gradient for partially evac wellbore
 (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoyn.Fact. of water)
MASP 3,094 psi

3) Maximum Anticipated Bottom Hole Pressure (MABHP) = Pore Pressure at TD
 (Burst Assumptions: TD = 11.6 ppg) 0.59 psi/ft = bottomhole gradient
 (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoyn.Fact. of water)
MABHP 4,924 psi

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	40		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	140	35%	11.00	3.82
	TAIL	500	Premium cmt + 2% CaCl + .25 pps flocele	150	35%	15.60	1.18
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	3,510'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	310	60%	11.00	3.38
	TAIL	4,810'	50/50 Poz/G + 10% salt + 2% gel + 0.1% R-3	1,350	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. The BOPE will be installed before the production hole is drilled and tested to 5,000 psi (annular to 2,500 psi) prior to drilling out the surface casing shoe. Record on chart recorder and tour sheet. Function test rams on each trip.

Maintain safety valve and inside BOP on rig floor at all times. Most rigs have top drives; however, if used, the Kelly is to be equipped with upper and lower kelly valves.

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

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

DRILLING ENGINEER: _____ DATE: _____
 John Huycke / Emile Goodwin

DRILLING SUPERINTENDENT: _____ DATE: _____
 John Merkel (Level 2) Drilling Program - updated 050610.xls

RECEIVED May 06, 2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

APR 19 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.

BLM

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. UTU01198B
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. UTU63047A
3b. Phone No. (include area code) Ph: 720-929-6156 Fx: 720-929-7156		8. Well Name and No. NBU 1022-22P
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 22 T10S R22E SESE 636FSL 296FEL		9. API Well No. 43-047-38803-00-X1
		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 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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original A PD
	<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.)

Kerr-McGee Oil & Gas Onshore, L.P. (Kerr-McGee) respectfully requests an extension to this APD for the maximum time allowed. The APD for this location was originally approved by the BLM on June 24, 2008. All information remains the same as in the originally submitted APD.

Please contact the undersigned with any questions and/or comments.
Thank you.

RECEIVED

JUL 19 2010

CONDITIONS OF APPROVAL ATTACHED
DIV. OF OIL, GAS & MINING

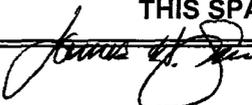
VERNAL FIELD OFFICE
ENG. A JUN 29 2010
GEOL. _____
E.S. _____
PET. _____
RECL. _____

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

**Electronic Submission #85025 verified by the BLM Well Information System
For KERR MCGEE OIL & GAS ONSHORE L, sent to the Vernal
Committed to AFMSS for processing by GAIL JENKINS on 04/19/2010 (10GXJ2851SE)**

Name (Printed/Typed) DANIELLE E PIERNOT	Title REGULATORY ANALYST I
Signature (Electronic Submission)	Date 04/19/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By 	Title Acting Assistant Field Manager Lands & Mineral Resources	JUN 29 2010
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 VERNAL FIELD 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.



CONDITIONS OF APPROVAL

Kerr McGee Oil and Gas Onshore LP.

Notice of Intent APD Extension

Lease: UTU-01198B
Well: NBU 1022-22P
Location: SESE Sec 22-T10S-R22E

An extension for the referenced APD is granted with the following conditions:

1. The extension and APD shall expire on 6/24/2012.
2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Ryan Angus of this office at (435) 781-4430

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01198-B
---	--

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 1022-22P
------------------------------------	---

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047388030000
---	---

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
---	--	--

4. LOCATION OF WELL FOOTAGES AT SURFACE: 0636 FSL 0296 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 22 Township: 10.0S Range: 22.0E Meridian: S	COUNTY: UINTAH STATE: UTAH
---	---

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input 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 checked="" type="checkbox"/> SPUD REPORT Date of Spud: 8/6/2010	<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 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.

MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'.
 RAN 14" 36.7# SCHEDULE 10 CONDUCTOR PIPE. CMT W/ 28 SX READY MIX
 SPUD WELL LOCATION ON AUGUST 6, 2010 AT 8:00 HRS.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 August 10, 2010

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 8/9/2010	

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: P.O. Box 173779
city DENVER
state CO zip 80217 Phone Number: (720) 929-6100

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304738803	NBU 1022-22P		SESE	22	10S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<u>B</u>	99999	<u>2910</u>	8/6/2010		<u>8/19/10</u>		
Comments: MIRU PETE MARTIN BUCKET RIG. <u>WSMVD</u> SPUD WELL LOCATION ON 8/6/2010 AT 8:00 HRS.							

Well 2

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

Well 3

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

RECEIVED
AUG 09 2010

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)

DIV. OF OIL, GAS & MINING

ANDY LYTLE

Name (Please Print)

Signature 

REGULATORY ANALYST

8/9/2010

Title

Date

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01198-B	

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 1022-22P
------------------------------------	---

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047388030000
---	---

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
---	--	--

4. LOCATION OF WELL FOOTAGES AT SURFACE: 0636 FSL 0296 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 22 Township: 10.0S Range: 22.0E Meridian: S	COUNTY: UINTAH STATE: UTAH
---	---

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input 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 type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 50px;" type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 8/13/2010			

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

MIRU PROPETRO AIR RIG ON AUGUST 11, 2010. DRILLED 11" SURFACE HOLE TO 2270'. RAN 8 5/8" 28# IJ-55 SURFACE CSG. PUMP 135 BBLS FRESH WATER. PUMP 20 BBLS GEL WATER. LEAD CEMENT W/ 150 SX CLASS G PREM @ 11.0 PPG, 3.82 YD. TAILED CEMENT W/ 200 SX CLASS G PREM LITE @ 15.8 PPG, 1.15 YD. DROP PLUG ON THE FLY, DISPLACED W/ 130.3 BBLS WATER. BUMP PLUG & HOLD 920 PSI FOR 5 MIN. FLOAT HELD. PUMP 125 SX CLASS G PREM LITE @ 15.8 PPS 1.15 YD DOWN 1" PIPE, CEMENT NEVER CAME TO SURFACE. PUMP 125 SX SAME CEMENT DOWN BACKSIDE, CEMENT STAYED AT SURFACE. WORT.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 August 16, 2010

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 8/16/2010	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01198-B
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 1022-22P
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047388030000
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: 0636 FSL 0296 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 22 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: 8/31/2010	<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: <input style="width: 100px;" type="text"/>

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

FINISHED DRILLING FROM 2270' TO 8500' ON 8/28/2010. RAN 4-1/2" 11.6# I-80 PRODUCTION CSG. R/U & PUMP 40 BBL PRE-FLUSH. LEAD CMT W/403 SX CLASS G PREM LITE @ 12.3 PPG, 2.12 YLD. TAILED CMT W/1050 SX CLASS 50/50 POZ MIX @ 14.3 PPG, 1.31 YLD. DISPLACE W/131.5 BBLS CLAY TREAT WATER. FINAL LIFT 2434, BUMP PLUG 3034, FLOATS HELD, 25 BBLS SPACER BACK TO PIT. EST TOP OF TAIL 3500', TOP OF LEAD 400', FLUSH STACK, L/D LANDING JOINT, R/D BJ SERVICES. RELEASED PIONEER 69 RIG ON 8/31/2010 AT 04:00 HRS.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 August 31, 2010

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 8/31/2010

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01198-B
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 1022-22P
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047388030000
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: 0636 FSL 0296 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 22 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: 9/22/2010	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <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 PLACED ON PRODUCTION ON SEPTEMBER 22, 2010.
 THE CHRONOLOGICAL WELL HISTORY WILL BE SUBMITTED WITH THE WELL COMPLETION REPORT.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 September 27, 2010

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 9/27/2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU01198B

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

6. If Indian, Allottee or Tribe Name _____

7. Unit or CA Agreement Name and No.
UTU63047A

2. Name of Operator
KERR MCGREE OIL & GAS ONSHORE Contact: ANDREW LYTLE
Email: andrew.lytle@anadarko.com

3. Address P.O. BOX 173779 DENVER, CO 80217
3a. Phone No. (include area code)
Ph: 720-929-6100

8. Lease Name and Well No.
NBU 1022-22P

9. API Well No.
43-047-38803

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface SESE 636FSL 296FEL 39.92882 N Lat, 109.41759 W Lon
 At top prod interval reported below SESE 636FSL 296FEL 39.92882 N Lat, 109.41759 W Lon
 At total depth SESE 636FSL 296FEL 39.92882 N Lat, 109.41759 W Lon

10. Field and Pool, or Exploratory
NATURAL BUTTES

11. Sec., T., R., M., or Block and Survey
or Area Sec 22 T10S R22E Mer SLB

12. County or Parish
UINTAH

13. State
UT

14. Date Spudded
08/06/2010

15. Date T.D. Reached
08/28/2010

16. Date Completed
 D & A Ready to Prod.
09/22/2010

17. Elevations (DF, KB, RT, GL)*
5401 GL

18. Total Depth: MD 8500 TVD 8498
19. Plug Back T.D.: MD 8449 TVD 8447
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GR/CBL/BHP/HDIL/ZDL/CNGR

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

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Log Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20.000	14.000 STL	36.7		40		28			
11.000	8.625 IJ-55	28.0		2148		600		0	
7.875	4.500 I-80	11.6		8493		1453		486	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	7316							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WASATCH	5282	5472	5282 TO 5472	0.360	22	OPEN
B) MESAVERDE	6705	8045	6705 TO 8045	0.360	94	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
5282 TO 8045	PUMP 4,809 BBLs SLICK H2O & 167,641 LBS 30/50 SAND.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
09/22/2010	09/26/2010	24	→	2.0	888.0	149.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
20/64	706 SI	1800.0	→	2	888	149		PGW	

28a. Production - Interval B

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

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

ELECTRONIC SUBMISSION #105094 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECEIVED
MAR 29 2011

28b. Production - Interval C

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

28c. Production - Interval D

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

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

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
GREEN RIVER	1050	8500			
BIRD'S NEST	1316				
MAHOGANY	1729				
WASATCH	4031				
MESAVERDE	6345				

32. Additional remarks (include plugging procedure):

Attached is the chronological well history & final survey. Completion chrono details individual frac stages.

33. Circle enclosed attachments:

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

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

**Electronic Submission #105094 Verified by the BLM Well Information System.
For KERR MCGREE OIL & GAS ONSHORE,, sent to the Vernal**

Name (please print) ANDREW LYTLE Title REGULATORY ANALYST

Signature  (Electronic Submission) Date 03/24/2011

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

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-22P		Spud Conductor: 8/6/2010		Spud Date: 8/12/2010	
Project: UTAH-UINTAH		Site: NBU 1022-22P		Rig Name No: PIONEER 69/69, PROPETRO/	
Event: DRILLING		Start Date: 7/12/2010		End Date: 8/31/2010	
Active Datum: RKB @5,416.00ft (above Mean Sea Level)			UWI: SE/SE/0/10/S/22/E/22/0/0/6/PM/S/636.00/E/0/296.00/0/0		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
8/11/2010	9:00 - 0:00	15.00	MIRU	01	A	P		MOVE RIG TO LOCATION, (1.5 HR TO LOC) DRESS TOP OF CONDUCTOR. INSTALL DIVERTER HEAD AND BOWIE LINE. BUILD DITCH. MOVE RIG OVER HOLE AND RIG UP.. SET CATWALK AND PIPE RACKS. SENT PUMP IN TO TOWN FOR SERVICE AND SWAP RIG #11 FOR #12 . RIG UP AND PRIME PIT PUMP AND MUD PUMP.
8/12/2010	0:00 - 6:00	6.00	DRLSUR	02	A	P		SPUD 8/12/2010 00:00 DRILL 40'- 660' (620',103'/HR) WOB 23-25K RPM 40, MOTOR RPM 88, GPM 550, ON/OFF PSI- 1200/900 UP/DOWN/ROT=58/54/56 2K DRAG
	6:00 - 6:30	0.50	DRLSUR	10	B	P		MULTISHOT WIRELINE SURVEY TOOL. SURVEY DEPTH 600'= .9 DEG CORRECTED AZI= 87.3.
	6:30 - 12:00	5.50	DRLSUR	02	A	P		DRILL 660'- 1290'. (630, 114'/HR) WOB 20-23K RPM 55, MOTOR RPM 80, GPM 550, ON/OFF PSI- 1250/950 UP/DOWN/ROT=63/58/60 3K DRAG.
	12:00 - 12:30	0.50	DRLSUR	10	B	P		MULTISHOT WIRELINE SURVEY TOOL. SURVEY DEPTH 1260'= 1.7 DEG CORRECTED AZI= 51.2.
	12:30 - 19:00	6.50	DRLSUR	02	A	P		DRILL 1290'-1860. (570, 87'/HR) WOB 20-22K RPM 45, MOTOR RPM 80, GPM 550, ON/OFF PSI- 1300/1000 UP/DOWN/ROT=65/61/63 2K DRAG.
	19:00 - 19:30	0.50	DRLSUR	10	B	P		MULTISHOT WIRELINE SURVEY TOOL. SURVEY DEPTH 1800'= .9 DEG CORRECTED AZI= 340.0.
	19:30 - 0:00	4.50	DRLSUR	02	A	P		DRILL 1860'-2270'. (410, 91'/HR) WOB 20-22K RPM 45, MOTOR RPM 80, GPM 550, ON/OFF PSI- 1330/1000 UP/DOWN/ROT=69/65/67 2K DRAG.
8/13/2010	0:00 - 1:30	1.50	DRLSUR	05	A	P		CIRCULATE AND COND HOLE CLEAN
	1:30 - 3:30	2.00	DRLSUR	06	A	P		TOOH, LDDS, BIT MTR AND BHA
	3:30 - 4:30	1.00	CSG	12	A	P		MOVE PIPE RACKS AND CATWALK, MOVE CSG OVER TO WORK AREA
	4:30 - 6:30	2.00	CSG	12	C	P		RUN 48 JTS OF 8-5/8" 32# 1J-55 W/ 8RD LTC THREADS AND LAND FLOAT SHOE 2134.40' KB. RAN BAFFLE PLATE IN TOP OF SHOE JT LANDED @ 2088' KB.FILL CSG 800' AND 1900'. RUN 200' OF 1" PIPE DOWN BACKSIDE.
	6:30 - 7:00	0.50	RDMO	01	E	P		RIG DOWN RIG, MOVE OUT RELEASE RIG 8/13/2010 @ 07:00 HRS

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 1022-22P	Spud Conductor: 8/6/2010	Spud Date: 8/12/2010
Project: UTAH-UINTAH	Site: NBU 1022-22P	Rig Name No: PIONEER 69/69, PROPETRO/
Event: DRILLING	Start Date: 7/12/2010	End Date: 8/31/2010
Active Datum: RKB @5,416.00ft (above Mean Sea Level)	UWI: SE/SE/0/10/S/22/E/22/0/0/6/PM/S/636.00/E/0/296.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:00 - 9:00	2.00	CSG	12	E	P		<p>HOLD SAFETY MEETING. INSTALL CEMENT HEAD. PSI TEST TO 2000 PSI. PUMP 135 BBLS OF 8.3# H2O AHEAD. PARTIAL CIRC. PUMP 20 BBLS OF 8.4# GEL WATER AHEAD. PARTIAL CIRC. 150 SX (102 BBLS) OF 11# (2 % CALC, 1/4# /SK OF FLOCELE) LEAD. PARTIAL CIRC. PUMP 200 SX 15.8# 40.0 BBLS (2 % CALC, 1/4# /SK OF FLOCELE), DROP PLUG ON FLY AND DISPLACE W/130.3 BBLS OF 8.3# H2O. PARTIAL RETURNS. BUMP PLUG AND HOLD 920 PSI FOR 5 MIN. FLOAT HELD. PUMP 125 SX (20 BBLS) OF 15.8# (4 % CALC, 1/4# /SK OF FLOCELE). CEMENT DOWN 1" PIPE, CMT NEVER CAME TO SURFACE, PUMP 125 SX DOWN BACKSIDE, CMT STAYED AT SURFACE. RIG DOWN CEMENTERS AND RELEASE CEMENTERS 10:30 HRS.</p> <p>Cond. Depth set: 40' Cement sx used: 28</p> <p>SPUD DATE/TIME: 8/12/2010 00:00</p> <p>SURFACE HOLE: Surface From depth: 40' Surface To depth: 2270' Total SURFACE hours: 22.5 Surface Casing size: 8.625" # of casing joints ran: 48 Casing set MD: 2234.40' # SX OF LEAD 150 CMT PPG 11 CMT YIELD 3.82</p> <p># sx of cement: 450 Cement blend (ppg): 15.8 Cement yield (ft3/sk): 1.15 # of bbls to surface: 0 Describe cement issues: LOST CIRC, PUMPED 125 SX DOWN 1" PIPE, 125 SX DOWN BACK SIDE, CMT STAYED AT SURFACE Describe hole issues:</p>
8/20/2010	20:00 - 0:00	4.00	RDMO	01	E	P		RDRT,FLOOR ,LAY OUT KELLY,SCOPE DOWN DERRICK W/ CRANE ASSIST & LAY OVER, SCOPE DOWN SUB, PUMPS,PASON LINES,
8/21/2010	0:00 - 7:00	7.00	RDMO	01	E	P		RDRT,WATER,HYDRAULICS,AIR,ELECTRICAL, FLARE LINES,PUMPS,PITS,MISC
	7:00 - 10:30	3.50	RDMO	01	E	P		SAFETY MEETING W/ RIG CREW, WEST ROC, J&C CRANE, MOUNTAIN WEST, LOAD OUT TRUCKS & MOVE 1 MILE, (5 TRUCKS ,1 FORKLIFT & CRANE ON LOCATION @ 0700)
	10:30 - 0:00	13.50	MIRU	01	B	P		SET SUB, Y-BASE,BOAT,CARRIER,PITS,PUMPS, FUEL TANK & LP, RURT, RAISE SUB & DERRICK (TRUCKS RELEASED @ 14:00, CRANE RELEASED @ 14:30)R/U FLOOR, P/U KELLY,RUN FLARE LINES,WATER,AIR, ELECTRICAL,PASON
8/22/2010	0:00 - 0:30	0.50	MIRU	01	B	P		RURT MISC
	0:30 - 4:30	4.00	MIRU	14	A	P		NIPPLE UP BOP & FUNTION TEST

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-22P		Spud Conductor: 8/6/2010		Spud Date: 8/12/2010	
Project: UTAH-UINTAH		Site: NBU 1022-22P		Rig Name No: PIONEER 69/69, PROPETRO/	
Event: DRILLING		Start Date: 7/12/2010		End Date: 8/31/2010	
Active Datum: RKB @5,416.00ft (above Mean Sea Level)			UWI: SE/SE/0/10/S/22/E/22/0/0/6/PM/S/636.00/E/0/296.00/0/0		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
8/23/2010	4:30 - 8:00	3.50	MIRU	15	A	P		TEST BOP, FLOOR VALVES, UPPER & LOWER KELLY VALVES, PIPE RAMS, INSIDE & OUTSIDE KILL LINE & CHOKE LINE VALVES,HCR VALVE TO 250 F/ 5 MIN, 5000 F/ 10 MIN , (ATTEMPT TO TEST ANNULAR, NO TEST)
	8:00 - 21:30	13.50	MIRU	08	C	Z		NIPPLE DOWN DRILLING HEAD & ANNULAR (WAIT ON NEW ANNULAR)
	21:30 - 0:00	2.50	MIRU	08	C	Z		ANNULAR ON LOCATION @ 21:30, NIPPLE UP ANNULAR & DRILLING HEAD
	0:00 - 1:00	1.00	MIRU	08	C	Z		FINISH NIPPLE UP ANNULAR & DRILLING HEAD
	1:00 - 3:30	2.50	MIRU	08	C	Z		FINISH TESTING BOP, ANNULAR 250 F/ 5 MIN, 2500 F/ 10 MIN, BLIND RAMS & CHOKE MANIFOLD 250 F/ 5 MIN, 5000 F/ 10 MIN, CASING TO 1500 F/ 30 MIN ,R/D QUIK TEST
	3:30 - 8:00	4.50	MIRU	08	C	Z		WHILE PREARING TO INSTALL WEAR RING, RIG CREW DROPPED WEAR RING IN HOLE UPSIDE DOWN, NIPPLE DOWN BOTTOM FLANGE & RETRIEVE WEAR RING, NIPPLE UP BOTTOM FLANGE & RETEST FLANGE
	8:00 - 12:00	4.00	DRLPRO	06	A	P		SAFETY MEETING W/ KIMZEY, R/U & P/U GT-1 BIT ,SRTAIGHT .21 GPR MOTOR,11 DCS,3 HWDP & 49 JTS DP TO 2056'
	12:00 - 13:00	1.00	DRLPRO	23		P		INSTALL DRILLING RUBBER, DRIVE BUSHINGS ,SECURE STACK, PRE SPUD INSPECTION
	13:00 - 13:30	0.50	DRLPRO	07	A	P		RIG SERVICE
	13:30 - 15:00	1.50	DRLPRO	09	A	P		SLIP & CUT 145' DRLG LINE
	15:00 - 16:30	1.50	DRLPRO	02	F	P		DRILL CEMENT F.E. & OPEN F/ 2056' TO 2184'
	16:30 - 17:00	0.50	DRLPRO	02	B	P		SPUD @ 15:00 8/23/2010 DRILL 51' NEW HOLE ,F/ 2184' TO 2235'
	17:00 - 19:00	2.00	DRLPRO	06	A	P		TOOH F/ DIR TOOLS
19:00 - 21:30	2.50	DRLPRO	06	A	P		P/U Q506F,ADJ MOTOR TO 1.5 DEG,DIR TOOLS & ORIENT, TIH	
21:30 - 0:00	2.50	DRLPRO	02	B	P		DRILL F/ 2235' TO 2409' (174' @ 69.6' HR) WOB 15-18, RPM 60, MMRPM 95, SPM 120, GPM 454, UP/SO/ROT 89-84-87, ON/OFF 1080- 850, DIFF 250-350, WATER W/ GEL & POLY SWEEPS	
8/24/2010	0:00 - 6:00	6.00	DRLPRO	02	B	P		DRILL F/ 2409' TO 2978' (569' @ 94.8' HR) WOB 18, RPM 60, MMRPM 95, SPM 120, GPM 454, UP/SO/ROT 92-80-88, ON/OFF 1090-850, DIFF 250-380, WATER W/ GEL & POLY SWEEPS
	6:00 - 15:30	9.50	DRLPRO	02	B	P		DRILL F/ 2978' TO 4029' (1051' @ 110.6' HR) WOB 18, RPM 60, MMRPM 95, SPM 120, GPM 454, UP/SO/ROT 108-93-105, ON/OFF 1200- 910, DIFF 250-400,SLIDES 3199' TO 3209' ,3263' TO 3273', WATER W/ GEL & POLY SWEEPS
	15:30 - 16:00	0.50	DRLPRO	07	A	P		RIG SERVICE
	16:00 - 0:00	8.00	DRLPRO	02	B	P		DRILL F/ 4029' TO 4750' (721' @ 90.1' HR) WOB 18, RPM 60, MMRPM 95, SPM 120, GPM 454, UP/SO/ROT 130-118-123, ON/OFF 1230-950, DIFF 250-400, SLIDES 4746' TO 4756' , WATER W/ GEL & POLY SWEEPS
8/25/2010	0:00 - 6:00	6.00	DRLPRO	02	B	P		DRILL F/ 4750' TO 5222' (472' @ 78.6' HR) WOB 18, RPM 60, MMRPM 95, SPM 120, GPM 454, UP/SO/ROT 135-120-125, ON/OFF 1250-950, DIFF 250-420, WATER W/ GEL,SAWDUST & POLY SWEEPS
	6:00 - 16:30	10.50	DRLPRO	02	B	P		DRILL F/ 5222' TO 5980' (758' @ 72.1' HR) START MUD UP @ 5800 , WOB 18-20 ,RPM 60, MMRPM 95, SPM 120, GPM 454, UP/SO/ROT 145-125-134, ON/OFF 1450-1200, DIFF 250-450, SLIDE 5222-5232, WT 9.4, VIS 33

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 1022-22P		Spud Conductor: 8/6/2010		Spud Date: 8/12/2010	
Project: UTAH-UINTAH		Site: NBU 1022-22P		Rig Name No: PIONEER 69/69, PROPETRO/	
Event: DRILLING		Start Date: 7/12/2010		End Date: 8/31/2010	
Active Datum: RKB @5,416.00ft (above Mean Sea Level)			UWI: SE/SE/0/10/S/22/E/22/0/0/6/PM/S/636.00/E/0/296.00/0/0		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	16:30 - 17:00	0.50	DRLPRO	07	A	P		RIG SERVICE
	17:00 - 0:00	7.00	DRLPRO	02	B	P		DRILL F/ 5980' TO 6264' (284' @ 47.3' HR) WOB 18-20, RPM 60, MMRPM 95, SPM 120, GPM 454, UP/SO/ROT 153-128-142 ,ON/OFF 1620-1300, DIFF 280-510, SLIDES 5980-5990, 6043-6053, 6106-6116, WT 9.7, VIS 35
8/26/2010	0:00 - 6:00	6.00	DRLPRO	02	B	P		DRILL F/ 6264' TO 6581' (317' @ 52.8' HR) WOB 18-21, RPM 55, MMRPM 95, SPM 120, GPM 454, UP/SO/ROT 156-132-145, ON/OFF 1650-1300, DIFF 280-510, WT 9.9, VIS 35
	6:00 - 16:00	10.00	DRLPRO	02	B	P		DRILL F/ 6581' TO 7023' (442' @ 44.2' HR) WOB 20-22, RPM 55-60, MMRPM 95, SPM 120, GPM 454, UP,SO,ROT 160-141-145, ON/OFF 1750-1380, DIFF 220-480 ,WT 10.2, VIS 37 ,SLIDE 6644-6654,6960-6970
	16:00 - 16:30	0.50	DRLPRO	07	A	P		RIG SERVICE
	16:30 - 0:00	7.50	DRLPRO	02	B	P		DRILL F/ 7023' TO 7415' (392' @ 52.2' HR) WOB 20-24, RPM 50-55, MMRPM 95, SPM 120, GPM 454, UP/SO/ROT ,163-143-147, ON/OFF 2040-1790, DIFF250-440, WT 10.5, VIS 39, LOST 50 BBLS TO SEEPAGE, PUMPED SAWDUST SWEEPS
8/27/2010	0:00 - 6:00	6.00	DRLPRO	02	B	P		DRILL F/ 7415' TO 7687' (272' @ 45.3' HR) WOB 20-24, RPM 50-55, MMRPM 95, SPM 120, GPM 454, UP/SO/ROT 167-145-150, ON/OFF 2040-1800, DIFF 280-480, WT 10.7, VIS 37
	6:00 - 17:00	11.00	DRLPRO	02	B	P		DRILL F/ 7687' TO 8066' (379' @ 34.4' HR) WOB 20-24, RPM 55-60, SPM 120, GPM 454, UP/SO/ROT 175-155-162, ON/OFF 2200-1980, DIFF 220-380, WT 11.5, VIS 43, SLIDES 7760-7770, 7813-7823, 7845-7855, 7808-7813, 8035-8041 ,LOST 70 BBLS TO SEEPAGE, BYPASS SHAKERS 2% LCM
	17:00 - 17:30	0.50	DRLPRO	07	A	P		RIG SERVICE
	17:30 - 0:00	6.50	DRLPRO	02	B	P		DRILL F/ 8066' TO 8383' (317' @ 48.7' HR) WOB 22-24, RPM 50-55, SPM 115, GPM 435, UP/SO/ROT 175/140/164 ,ON/OFF 2280-2050, DIFF 220-380, WT 11.9, VIS 46, 2% LCM
8/28/2010	0:00 - 3:00	3.00	DRLPRO	02	B	P		DRILL F/ 8383' TO 8500' TD @ 03:00 8/28/2010 (117' @ 39' HR) WOB 22-24, RPM 50, MMRPM 91, SPM 115, GPM 435,UP/SO/ROT 180-140-165, ON/OFF 2290-2050, DIFF 250-350, WT 11.9, VIS 44
	3:00 - 5:00	2.00	DRLPRO	05	C	P		CIRC F/ WIPER TRIP
	5:00 - 7:00	2.00	DRLPRO	06	E	P		TOOH TO 4700'
	7:00 - 7:30	0.50	DRLPRO	07	A	P		RIG SERVICE
	7:30 - 8:00	0.50	DRLPRO	06	E	P		TOOH TO 4025'
	8:00 - 9:00	1.00	DRLPRO	08	A	Z		RIG REPAIR, TORQUE CONVERTER OVER HEATING, CHANGE FLITERS
	9:00 - 13:00	4.00	DRLPRO	06	E	P		TOOH L/D DIRECTIONAL TOOLS, MOTOR, BIT
	13:00 - 18:30	5.50	DRLPRO	06	A	P		P/U RERUN TRICONE BIT & BIT SUB, TIH, FILL PIPE @ SHOE & 5200'
	18:30 - 20:00	1.50	DRLPRO	03	D	P		WASH 130' TO BTM, 12' FILL
	20:00 - 21:30	1.50	DRLPRO	05	C	P		CIRC BOTTOMS UP, 10' FLARE,BTMS UP GAS 7910 UNITS
	21:30 - 0:00	2.50	DRLPRO	06	A	P		TOOH F/ LOGS , TIGHT F/ 8457-7757, 6644-6475, 4847-4543 20K TO 50K DRAG
8/29/2010	0:00 - 2:30	2.50	DRLPRO	06	A	P		TOOH F/ LOGS, TIGHT 8457-7757, 6644-6475, 4847-4543 20K TO 50K DRAG
	2:30 - 9:00	6.50	DRLPRO	11	C	P		SAFETY MEETING W/ BAKER ATLAS, R/U & RUN TRIPLE COMBO, LOGS BRIDGED OUT @ 6317', LOG OUT, R/D LOGGERS
	9:00 - 10:30	1.50	DRLPRO	06	E	P		TIH W/ RERUN TRICONE TO SHOE, FILL PIPE

US ROCKIES REGION
Operation Summary Report

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Project: UTAH-UINTAH	Site: NBU 1022-22P	Rig Name No: PIONEER 69/69, PROPETRO/
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Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	10:30 - 12:00	1.50	DRLPRO	09	A	P		SLIP & CUT 125' DRILL LINE
	12:00 - 15:30	3.50	DRLPRO	06	E	P		FINISH TIH, FILL PIPE @ 4700'
	15:30 - 19:00	3.50	DRLPRO	05	A	P		WASH 40' TO BOTTOM, NO FILL, CIRC & COND, RAISE MUD WT TO 12.3, MIX & PUMP PILL, S/M W/ KIMZEY & R/U
	19:00 - 0:00	5.00	DRLPRO	06	A	P		LDDP
8/30/2010	0:00 - 3:30	3.50	DRLPRO	06	A	P		LDDP, BREAK KELLY, L/D BHA, PULL WEAR RING, R/D KIMZEY, MOVE OFF LOC
	3:30 - 10:00	6.50	DRLPRO	11	C	P		MOVE ON LOC , S/M W/ BAKER ATLAS, R/U & RUN TRIPLE COMBO TO 8496' LOG OUT TO 6300', SECOND RUN, R/D LOGGERS, MOVE OFF LOC , S/M W/ KIMZEY CASERS
	10:00 - 10:30	0.50	DRLPRO	12	A	P		MOVE ON LOC , R/U KIMZEY CASING
	10:30 - 18:00	7.50	DRLPRO	12	C	P		RUN 201 JOINTS 4.5, 11.6, I-80, BT&C PROD CASING SHOE LANDED @ 8492.93', FLOAT @ 8449.29, MARKER @ 4019.60, LANDED @ 68K
	18:00 - 20:30	2.50	DRLPRO	05	D	P		CIRC F/ CEMENT, R/D KIMZEY MOVE OFF LOC, MOVE ON LOC WAIT FOR BJ TO GET RIGGED UP
	20:30 - 0:00	3.50	DRLPRO	12	E	P		S/M W/ BJ SERVICES, R/U & PUMP 40 BBL PREFLUSH, 403 SX 12.3#, 2.12 YLD, LEAD, 1050 SX, 14.3#, 1.31 YLD TAIL, DISPLACE W/ 131.5 BBLs CLAY TREAT WATER ,FINAL LIFT 2434, BUMP PLUG 3034, FLOATS HELD, 25 BBLs SPACER BACK TO PIT, EST TOP OF TAIL 3500', TOP OF LEAD 400', FLUSH STACK, L/D LANDING JOINT, R/D BJ SERVICES
8/31/2010	0:00 - 4:00	4.00	DRLPRO	14	A	P		NIPPLE DOWN CLEAN PITS, RELEASE RIG @ 04:00, 8/31/2010 TO NBU 920-27G, RDRT

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-22P	Spud Conductor: 8/6/2010	Spud Date: 8/12/2010
Project: UTAH-UINTAH	Site: NBU 1022-22P	Rig Name No: PIONEER 69/69, PROPETRO/
Event: DRILLING	Start Date: 7/12/2010	End Date: 8/31/2010
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Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	4:00 - 4:00	0.00	DRLPRO					<p>CONDUCTOR CASING: Cond. Depth set: 40 Cement sx used:</p> <p>SPUD DATE/TIME:</p> <p>SURFACE HOLE: Surface From depth: 40 Surface To depth: 2,170 Total SURFACE hours: 22.50 Surface Casing size: 8 5/8 # of casing joints ran: 48 Casing set MD: 2,134.0 # sx of cement: 150 LEAD 450 TAIL Cement blend (ppg): 11 LEAD 15.8 TAIL Cement yield (ft3/sk): 3.82 LEAD 1.15 TAIL # of bbls to surface: 0 Describe cement issues: LOST CIRC,PUMPED 125 SX DOWN 1" PIPE, 125 SX DOWN BACK SIDE, CMT STAYED @ SURFA Describe hole issues:</p> <p>PRODUCTION: Rig Move/Skid start date/time: 8/21/2010 7:00 Rig Move/Skid finish date/time: 8/22/2010 0:30 Total MOVE hours: 17.5 Prod Rig Spud date/time: 8/23/2010 14:30 Rig Release date/time: Total SPUD to RR hours: -969926.5 Planned depth MD 8,494 Planned depth TVD 8,494 Actual MD: 8,500 Actual TVD: 8,498 Open Wells \$: \$675,396 AFE \$: \$762,381 Open wells \$/ft: \$79.46</p> <p>PRODUCTION HOLE: Prod. From depth: 2,184 Prod. To depth: 8,500 Total PROD hours: 100 Log Depth: 8496 Production Casing size: 4.5,11.6,I-80, BT&C # of casing joints ran: 201 Casing set MD: 8,492.9 # sx of cement: 403 LEAD, 1050 TAIL Cement blend (ppg): 12.3 LEAD, 14.3 TAIL Cement yield (ft3/sk): 2.12 LEAD, 1.31 TAIL Est. TOC (Lead & Tail) or 2 Stage : 400' LEAD, 3500' TAIL Describe cement issues: 25 BBLS SPACER BACK, NO CEMENT Describe hole issues:</p> <p>DIRECTIONAL INFO: KOP: Max angle: Departure: Max dogleg MD:</p>

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-22P	Spud Conductor: 8/6/2010	Spud Date: 8/12/2010
Project: UTAH-UINTAH	Site: NBU 1022-22P	Rig Name No: GWS 1/1
Event: COMPLETION	Start Date: 9/7/2010	End Date: 9/20/2010
Active Datum: RKB @5,416.00ft (above Mean Sea Level)		UWI: SE/SE/0/10/S/22/E/22/0/0/6/PM/S/636.00/E/0/296.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
9/14/2010	7:00 - 10:00	3.00	COMP	30	A	P		ROAD RIG FROM NBU 1022-14L TO LOC, MIRU N/D WH N/U BOPS, R/U TBG EQUIP.
	10:00 - 14:30	4.50	COMP	31	I	P		P/U 3 7/8" BIT TIH W/ 2 3/8" TBG W/ TALLY TBG IN HOLE, TIH W/ 214 JTS 2 3/8" TBG TO @ 6777',
	14:30 - 17:00	2.50	COMP	31	I	P		TOOH W/ 2 3/8" TBG STANDING IN DERRICK, SHUT WELL IN SDFN,
9/15/2010	7:00 - 8:00	1.00	COMP	33	C	P		N/D BOPS, N/U FRAC VALVE, PRESSURE TEST CSG AND FRAC VALVE TO 7000#, OK
	8:00 - 15:00	7.00	COMP	37	B	P		R/U CUTTER WIRELINE, RIH W/ PERF GUNS, (PERF STG #1) RIH W/ PERF GUNS, PERF THE MESAVERDE @ 8043' - 8045', 7928' - 7930', 7893' - 7895', 4-SPF, USING 3 3/8" SCALLOP GUNS, 23 gm, 0.36" HOLES, 90* PHS, 24 HOLES, SHUT WELL IN, SDFN,
9/16/2010	7:00 - 15:00	8.00	COMP	36				STANDBY WAIT ON HALLIBURTON FRAC CREW, ROAD TRUCKS IN FROM WYO.
9/17/2010	7:00 - 15:30	8.50	COMP	46	E	Z		WAIT ON HALLIBURTON FRAC EQUIP, RIG UP HALLIBURTON FRAC TO WELL HEAD, HALLIBURTON BROKE DN, SHUT DN FOR NIGHT

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-22P	Spud Conductor: 8/6/2010	Spud Date: 8/12/2010
Project: UTAH-UINTAH	Site: NBU 1022-22P	Rig Name No: GWS 1/1
Event: COMPLETION	Start Date: 9/7/2010	End Date: 9/20/2010
Active Datum: RKB @5,416.00ft (above Mean Sea Level)		UWI: SE/SE/0/10/S/22/E/22/0/0/6/PM/S/636.00/E/0/296.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
9/18/2010	7:00 - 16:30	9.50	COMP	36	E	P		<p>R/U UP HALLIBURTON TO WELL, PRESSURE TEST SURFACE LINE TO 8000#, (STG #1) WHP = 1585 #, BREK DN PERF @ 4028 # @ 5 B/M, INJ-RT = 46 B/M, INJ-P = 6064 #, ISIP = 2557 #, F.G.= 0.76 , PUMP 250 GALS 15 % HCL AHEAD OF INJ, CALC 73% PERF OPEN, PUMP 2076 BBLS SLK WTR & 67545 # OTTAWA SAND, ISIP = 2458 #, F.G.= 0.75 , NPI = -99 #, MP = 6777 #, MR = 50.2 B/M, AP = 4837 #, AR = 42.9 B/M, 67545 # 30/50 OTTAWA SAND, 0 # TLC SAND, COMMENTS = SCREEN OFF, CUT SAND SHORT, PUMP 82% SAND,</p> <p>(STG #2) RIH W/ HALLIBURTON 8K CBP AND PERF GUNS, SET CBP @ 7563 ', PERF THE MESAVERDE @ 7508 - 7512', 7372 - 7372', 7341 - 7343', 3-SPF, USING 3 3/8" SCALLOP GUNS, 23 gm, 0.36" HOLE, 90* PHS, 24 HOLES, WHP = 68 #, BRK DN PERF @ 4823 #, @ 4.6 B/M, INJ-RT = 46 B/M, INJ-P = 4674 #, ISIP = 1994 #, F.G.= 0.71 , CALC 94% PERF OPEN, PUMP 714 BBLS SLK WTR & 26071 # OTTAWA SAND, ISIP = 2256 #, F.G.= 0.74 , NPI = 262 #, MP = 4836 #, MR = 50.4 B/M, AP = 3826 #, AR = 41.4 B/M, 21071 # 30/50 SAND, 5000 # TLC SAND, COMMENTS = SLOW RATE DN TO PUMP ACID,</p> <p>(STG #3) RIH W/ HALLIBURTON 8K CBP AND PERF GUNS, SET CBP @ 7250 ', PERF THE MESAVERDE @ 7202 - 7210', 3-SPF, USING 3 3/8" SCALLOP GUNS, 23 gm, 0.36" HOLE, 90* PHS, 24 HOLES, WHP = 101 #, MISS RUN ON PLUG, BRK DN PERF @ 6955 #, @ 3.1 B/M, INJ-RT = 50 B/M, INJ-P = 4595 #, ISIP = 2032 #, F.G.= 0.72 , CALC 89% PERF OPEN, PUMP 585 BBLS SLK WTR & 20040 # OTTAWA SAND, ISIP = 2603 #, F.G.= 0.79 , NPI = 571 #, MP = 6955 #, MR = 50.3 B/M, AP = 4135 #, AR = 45 B/M, 15040 # 30/50 SAND, 5000 # TLC SAND, COMMENTS = SLOW RATE TO PUMP ACID</p> <p>(STG #4) RIH W/ HALLIBURTON 8K CBP AND PERF GUNS, SET CBP @ 6902 ', PERF THE MESAVERDE @ 6856 - 6860', 4-SPF, 6705 - 6707', 3-SPF , USING 3 3/8" SCALLOP GUNS, 23 gm, 0.36" HOLE, 90* PHS, 22 HOLES, WHP = 98 #, BRK DN PERF @ 3730 #, @ 4.4 B/M, INJ-RT = 50 B/M, INJ-P = 5145 #, ISIP = 2131 #, F.G.= 0.75 , CALC 90% PERF OPEN, PUMP 701 BBLS SLK WTR & 27985 # OTTAWA SAND, ISIP = 2678 #, F.G.= 0.83 , NPI = 547 #, MP = 5155 #, MR = 50.2 B/M, AP = 4779 #, AR = 49.2 B/M, 22985 # 30/50 SAND, 5000 # TLC SAND, COMMENTS = SLO RATE DN TO PUMP ACID</p> <p>(STG #5) RIH W/ HALLIBURTON 8K CBP AND PERF GUNS, SET CBP @ 5520 ', PERF THE WASATCH @ 5471 - 5472', 4-SPF, 5424 - 5428', 3-SPF, 5282 - 5284', 3-SPF , USING 3 3/8" SCALLOP GUNS, 23 gm, 0.36" HOLE, 90* PHS, 22 HOLES, WHP = 93 #, BRK DN PERF @ 2140 #, @ 3.5 B/M, INJ-RT = 50 B/M, INJ-P = 3860 #, ISIP = 892 #, F.G.= 0.60 , CALC ALL PERF OPEN, PUMP 733 BBLS SLK</p>

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-22P	Spud Conductor: 8/6/2010	Spud Date: 8/12/2010
Project: UTAH-UINTAH	Site: NBU 1022-22P	Rig Name No: GWS 1/1
Event: COMPLETION	Start Date: 9/7/2010	End Date: 9/20/2010
Active Datum: RKB @5,416.00ft (above Mean Sea Level)		UWI: SE/SE/0/10/S/22/E/22/0/0/6/PM/S/636.00/E/0/296.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation																		
								<p>WTR & 26000 # OTTAWA SAND, ISIP = 1576 #, F.G.= 0.73 , NPI = 684 #, MP = 3895 #, MR = 50.6 B/M, AP = 3186 #, AR = 47 B/M, 21000 # 30/50 SAND, 5000 # TLC SAND, SHORT 5,000# SAND COMMENTS = SHORT 12,000# SAND FOR TOTAL JOB</p> <p>(KILL PLUG), RIH W/ HALLIBURTON 8K CBP, SET CBP @ 5232 ' , BLEED WELL DN, R/D WIRELINE AND FRAC CREW, TOTAL FLUID = 4809 BBLS SLK WTR TOTAL SAND = 167641# OTTAWA SAND N/D FRAC VALVE, N/U BOPS, P/U 3 7/8: BIT AND POBS, TIH W/ 2 3/8" TBG TAG @ 5228 ' , R/U POWER SWIVEL, PRESSURE TEST BOPS & CSG TO 3000#, ESTB CIRC DN TBG OUT CSG, C/O 4 ' SAND, (DRILL CBP) 5232', DRILL OUT HALLIBURTON 8K CBP IN 4 MIN, VACUM ON WELL, RIH TAG SAND @ 5495 ' , C/O 25 ' SAND, FCP = 0 #,</p> <p>(DRILL CBP #2) 5520', DRILL OUT HALLIBURTON 8K CBP IN 9 MIN, 400# DIFF, RIH IN TAG SAND @ 6852 ' , C/O 50 ' SAND, FCP = 25 #,</p> <p>(DRILL CBP #3) 6902', DRILL OUT HALLIBURTON 8K CBP IN 8 MIN, 450 # DIFF, RIH TAG SAND @ 7210 ' , C/O 40 ' SAND, FCP = 25 #,</p> <p>(DRILL CBP #4) 7250', DRILL OUT HALLIBURTON 8K CBP IN 6 MIN, 350 # DIFF, RIH TAG SAND @ 7523 ' , C/O 40 ' SAND, FCP = 50 #,</p> <p>(DRILL CBP #5), 7563', DRILL OUT HALLIBURTON 8K CBP IN 9 MIN, 800 # DIFF, RIH TAG SAND @ 8400', C/O 40 ' SAND TO PBTD 8440 ' , CIRC WELL CLEAN, FCP = 100 #,</p> <p>R/D POWER SWIVEL, POOH LAY DN 27 JTS 2 3/8" J-55 TBG ON TRAILER, LAND TBG W/ WEATHERFORD 5K HANGER W/ 231 JTS 2 3/8" J-55 TBG, EOT = 7315.73 ' , R/D FLOOR AND TBG EQUIPT, DROP BALL DN TBG, N/D BOPS, N/U WELL HEAD, PUMP DN TBG W/ PUMPING OFF BIT SUB @ #, WAIT 30 MIN FOR BIT TO FALL, OPEN WELL TO FBT W/ FTP = 100 #, SICP = 1000 #, TURN WELL OVER TO FLOW BACK CREW W/ @ 3713 BBLS WTR LTR,</p> <table style="width: 100%; border: none;"> <tr><td>KB</td><td>=</td><td>18.00'</td></tr> <tr><td>HANGER</td><td>=</td><td>.83'</td></tr> <tr><td>231 JTS 2 3/8" J-55 TBG</td><td>=</td><td>7294.70'</td></tr> <tr><td>XN-NIPPLE POBS</td><td>=</td><td>2.20'</td></tr> <tr><td colspan="3"><hr/></td></tr> <tr><td style="text-align: right;">EOT</td><td>=</td><td>7315.73'</td></tr> </table> <p>284 JTS 2 3/8" J-55 TBG DELV. 231 JTS 2 3/8" J-55 TBG LANDED 51 JTS 2 3/8" J-55 TBG RETURNED 2 JTS 2 3/8" J-55 TBG BAD WELL TURNED TO SALES @ 1230 HR ON 9/22/10 - 630 MCFD, 432 BWPD, CP 1000#, FTP 800#, CK 20/64"</p>	KB	=	18.00'	HANGER	=	.83'	231 JTS 2 3/8" J-55 TBG	=	7294.70'	XN-NIPPLE POBS	=	2.20'	<hr/>			EOT	=	7315.73'
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9/20/2010	7:00 - 10:00	3.00	COMP	31	I	P																				
9/22/2010	12:30 -		PROD	50																						

1 General

1.1 Customer Information

Company	US ROCKIES REGION
Representative	
Address	

1.2 Well Information

Well	NBU 1022-22P	Wellbore No.	OH
Well Name	NBU 1022-22P	Common Name	NBU 1022-22P
Project	UTAH-UINTAH	Site	NBU 1022-22P
Vertical Section Azimuth	151.50 (°)	North Reference	True
Origin N/S	0.0 (ft)	Origin E/W	0.0 (ft)
Spud Date	8/12/2010	UWI	SE/SE/0/10/S/22/E/22/0/0/6/PM/S/636.00/E/0/29 6.00/0/0
Active Datum	RKB @5,416.00ft (above Mean Sea Level)		

2 Survey Name

2.1 Survey Name: Survey #1

Survey Name	Survey #1	Company	MULTISHOT TOOL
Started	8/11/2010	Ended	
Tool Name	MSS	Engineer	Anadarko

2.1.1 Tie On Point

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)
14.00	0.00	0.00	14.00	0.00	0.00

2.1.2 Survey Stations

Date	Type	MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
8/11/2010	Tie On	14.00	0.00	0.00	14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/12/2010	NORMAL	614.00	0.90	87.30	613.98	0.22	4.71	2.05	0.15	0.15	0.00	87.30
	NORMAL	1,304.00	1.70	51.20	1,303.80	6.89	18.10	2.58	0.16	0.12	-5.23	-64.69
	NORMAL	1,814.00	0.90	340.00	1,813.69	15.40	22.62	-2.73	0.32	-0.16	-13.96	-148.85
	NORMAL	2,144.00	0.70	157.40	2,143.68	15.97	22.51	-3.29	0.48	-0.06	53.76	178.86
8/23/2010	NORMAL	2,346.00	1.15	203.21	2,345.66	12.97	22.19	-0.81	0.41	0.22	22.68	82.97
	NORMAL	2,683.00	1.71	200.31	2,682.55	5.14	19.11	4.60	0.17	0.17	-0.86	-8.81
8/24/2010	NORMAL	2,862.00	1.77	201.49	2,861.47	0.07	17.17	8.13	0.04	0.03	0.66	31.43
	NORMAL	3,146.00	1.94	192.97	3,145.32	-8.70	14.48	14.56	0.11	0.06	-3.00	-62.66
	NORMAL	3,430.00	1.17	167.14	3,429.22	-16.21	14.05	20.95	0.36	-0.27	-9.10	-150.11
	NORMAL	3,715.00	1.02	173.64	3,714.17	-21.57	14.98	26.10	0.07	-0.05	2.28	143.59
	NORMAL	4,000.00	1.70	160.24	3,999.08	-28.07	16.69	32.63	0.26	0.24	-4.70	-31.86
	NORMAL	4,285.00	0.96	168.12	4,284.01	-34.38	18.61	39.10	0.27	-0.26	2.76	170.03
	NORMAL	4,569.00	1.59	158.00	4,567.93	-40.36	20.57	45.29	0.23	0.22	-3.56	-24.77
	NORMAL	4,853.00	1.28	178.93	4,851.85	-47.19	22.11	52.02	0.21	-0.11	7.37	130.78
8/25/2010	NORMAL	5,138.00	1.69	165.60	5,136.75	-54.44	23.21	58.92	0.19	0.14	-4.68	-46.91
	NORMAL	5,422.00	1.29	187.40	5,420.66	-61.67	23.84	65.57	0.24	-0.14	7.68	135.78
	NORMAL	5,706.00	1.47	176.35	5,704.58	-68.47	23.66	71.47	0.11	0.06	-3.89	-61.53
	NORMAL	5,990.00	1.89	178.02	5,988.45	-76.79	24.06	78.96	0.15	0.15	0.59	7.48
	NORMAL	6,274.00	0.32	85.73	6,272.40	-81.41	25.01	83.48	0.68	-0.55	-32.50	-170.46
8/26/2010	NORMAL	6,559.00	1.51	124.85	6,557.36	-83.50	28.89	87.16	0.45	0.42	13.73	48.21

2.1.2 Survey Stations (Continued)

Date	Type	MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
8/26/2010	NORMAL	6,844.00	1.40	135.03	6,842.27	-88.11	34.43	93.86	0.10	-0.04	3.57	118.09
	NORMAL	7,128.00	0.57	189.16	7,126.23	-91.96	36.66	98.30	0.41	-0.29	19.06	156.57
	NORMAL	7,412.00	1.58	136.51	7,410.18	-96.19	39.13	103.20	0.46	0.36	-18.54	-72.81
8/27/2010	NORMAL	7,697.00	2.01	129.49	7,695.04	-102.22	45.69	111.63	0.17	0.15	-2.46	-30.62
	NORMAL	7,982.00	1.71	138.22	7,979.89	-108.57	52.38	120.41	0.14	-0.11	3.06	140.94
	NORMAL	8,266.00	1.17	122.69	8,263.80	-113.30	57.64	127.07	0.23	-0.19	-5.47	-151.74
8/28/2010	NORMAL	8,447.00	1.27	99.06	8,444.76	-114.61	61.18	129.91	0.28	0.06	-13.06	-90.73
	NORMAL	8,500.00	1.27	99.06	8,497.75	-114.80	62.34	130.63	0.00	0.00	0.00	0.00

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01198-B
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 1022-22P
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047388030000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6515 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0636 FSL 0296 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 22 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: 7/5/2011 <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 checked="" type="checkbox"/> OTHER	<input checked="" type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="Wellhead Repair"/>

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

The operator requests approval to conduct wellhead/casing repair operations on the subject well location. Please find the attached procedure for the proposed repair work on the subject well location.

Accepted by the Utah Division of Oil, Gas and Mining

Date: 07/11/2011

By: *Derek Quist*

NAME (PLEASE PRINT) Gina Becker	PHONE NUMBER 720 929-6086	TITLE Regulatory Analyst II
SIGNATURE N/A	DATE 7/5/2011	

WORKORDER #: 88119334

Name: **NBU 1022-22P** 7/1/2011
 Surface Location: SESE Sec. 22, T10S, R22E
 Uintah County, UT

API: 4304738803 LEASE#: UTU-01198B

ELEVATIONS: 5401' GL 5419' KB

TOTAL DEPTH: 8500' PBD: 8449'

SURFACE CASING: 8 5/8", 28# J-55 @ 2148'

PRODUCTION CASING: 4 1/2", 11.6#, I-80 @ 8493'
 TOC @ 570' per CBL (with min 50' isolation)

PERFORATIONS: Wasatch 5282' - 5472'
 Mesaverde 6705' - 8045'

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
8.625" 28# J-55	8.097	1370	2950	2.6223	0.3505	0.0624
Annular Capacities						
2.375" tbg. X 4 1/2" 11.6# csg				0.4227	0.0565	0.01

GEOLOGICAL TOPS:

1050' Green River
 1316' Bird's Nest
 1729' Mahogany
 4031' Wasatch
 6345' Mesaverde

NBU 1022-22P- WELLHEAD REPAIR PROCEDURE

PREP-WORK PRIOR TO MIRU:

1. Dig out down to the 2" surface casing valve or to the valve on the riser off the surface casing.
2. Install a tee with 2 valves, with a pressure gauge and sensor on one valve.
3. Open casing valve and record pressures.
4. Install nipple and steel hose on the other valve, the relief valve,. Do not use hammer unions. No impact equipment or tools to be used for any of this installation. Extend hose and hard piping to a downwind location at least 100' from the wellhead. Consider installing a manifold so that vent area could be in two locations approx. 90 degrees apart from the wellhead.
5. Open the relief valve and blow well down to the atmosphere.
6. Make a determination of amount of gas flow, either by installation of a choke nipple, bucket test or other.
7. Shut well in. Observe for rate of build-up by utilizing sensor data. Do not build-up for more than 24 hours. Vent gas through the vent line and leave open to the atmosphere.

WORKOVER PROCEDURE:

1. MIRU workover rig.
2. Kill well with 10# brine / KCL (dictated by well pressure).
3. Remove tree, install double BOP with blind and 2 3/8" pipe rams, with accumulator closing unit and manual back-ups. Function test BOP system.
4. POOH w/ tubing laying down extra tubing.
5. Rig up wireline service. RIH and set CBP @ ~5232'. Dump bail 4 sx cement on top of plug. POOH and RD wireline service. TIH w/ tubing and seating nipple. Land tubing ±60' above cement. RDMO.
6. Monitor well pressures. If surface casing is dead. MIRU. ND WH and NU BOP. POOH w/ tubing.
7. Depending on conditions at wellsite, continue with either CUT/PATCH Procedure or BACK-OFF Procedure.

CUT/PATCH PROCEDURE:

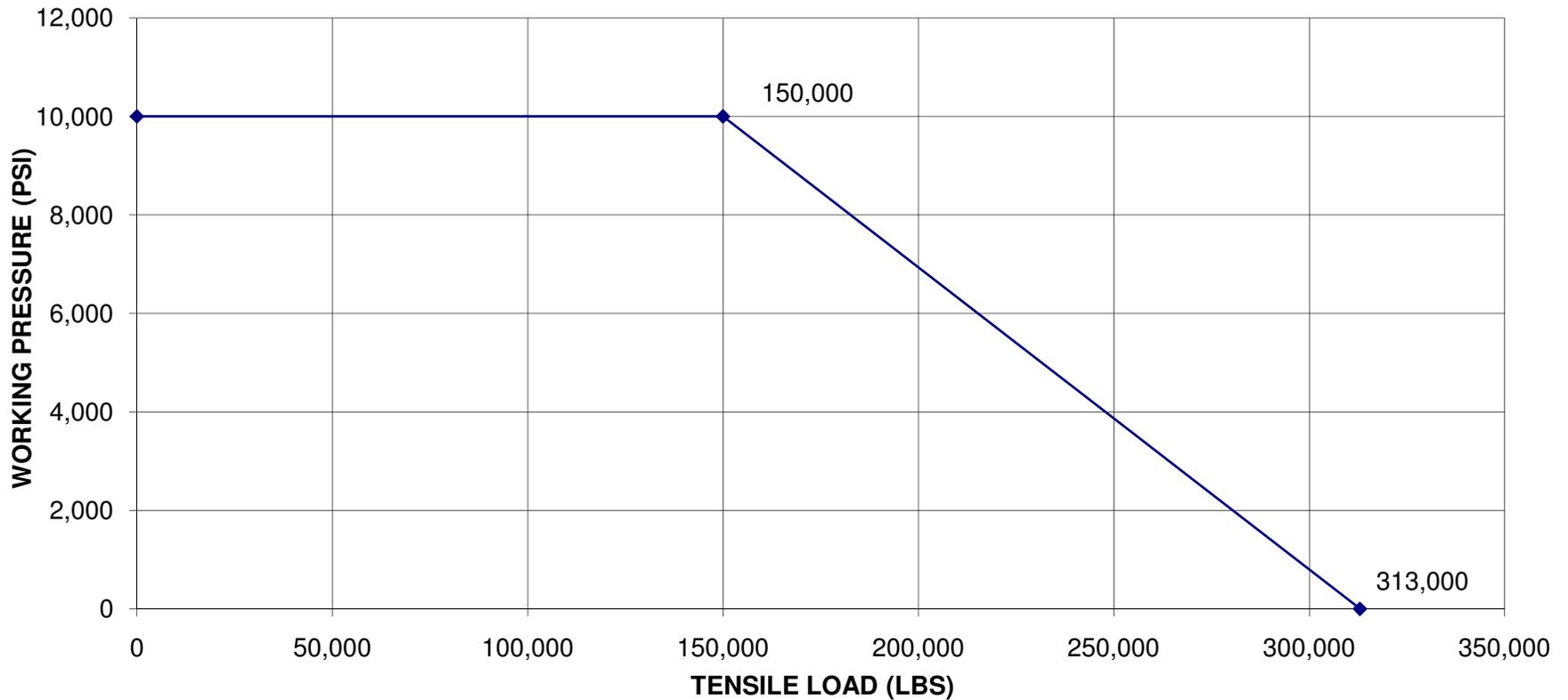
1. PU internal casing cutters and RIH. Cut casing at +/- 30' from surface.
2. POOH, LD cutters and casing.
3. PU 7 3/8" overshot with 4 1/2" right hand standard wicker grapple, 1 - 4 3/4" drill collar with 3 1/2" IF threads, pup joint, manual bumper sub, and crossovers. If casing cut is deeper than ±30' utilize >7000 ft-lb torque pipe as needed. Pull a minimum of 10,000# to keep grapple engaged if cement top is high (<~900'). If cement top is low (>~900'), more weight will be required to put casing in neutral. Torque casing string to ±7000 ft-lbs, count number of turns to make-up, and document in the daily report. Ensure that tongs are safely anchored to rig and that all personnel are at a safe working distance from the tongs during torque-up and torque release. After initial make-up, place pipe torque to neutral and mark pipe. Place ±7000 ft-lbs on casing a second time, count turns, then return pipe torque to neutral and count turns. Repeat if torque-up turns do not equal torque release turns. Once torque-in equals torque-out, release overshot, POOH, and lay down.
4. TIH w/ skirted mill and dress off the fish top for approximately 1/2 hour. TOO H.
5. PU & RIH w/ 4 1/2" 10k external casing patch on 4 1/2" P-110 casing. Ensure that sliding sleeve assembly shifts ±3' and casing tags no-go portion of patch. NOTE: Shear pins will shear at 3500 to 4500 lbs.
6. Latch fish, PU to 100,000# tension. RU B&C. Cycle pressure test to 3500 psi.
7. Install slips. Land casing w/ 80,000# tension.
8. Cut-off and dress 4 1/2" casing stub.
9. NUWH. PU 3 7/8" bit, POBS and RIH. D/O cement and plug ~5182'. Clean out to PBSD (8449').
10. POOH, land tbg and pump off POBS.
11. NUWH, RDMO. Turn well over to production ops.

BACK-OFF PROCEDURE:

1. PU internal casing cutters and RIH. Cut casing at +/- 6' from surface.
2. POOH, LD cutters and casing.
3. PU 4 1/2" overshot. RIH, latch fish. Pick string weight to neutral.
4. MIRU casing crew and wireline services. RIH and shoot string shot at casing collar @ ± 46'.
5. Back-off casing, POOH.

6. PU new casing joint with buttress threads and entry guide and RIH. Tag casing top. Thread into casing and torque up to ± 7000 ft-lbs, count number of additional turns to make-up, and document in the daily report. Ensure that tongs are safely anchored to rig and that all personnel are at a safe working distance from the tongs during torque-up and torque release. After initial make-up, place pipe torque to neutral and mark pipe. Place ± 7000 ft-lbs on casing a second time, count turns, then return pipe torque to neutral and count turns. Repeat if torque-up turns do not equal torque release turns. Once torque-in equals torque-out go to step 7.
7. PU 100,000# tension string weight. RU B&C. Cycle pressure test to 3500 psi.
8. Install slips. Land casing w/ 80,000# tension.
9. Cut-off and dress 4 1/2" casing stub.
10. NUWH. PU 3 7/8" bit, POBS and RIH. D/O cement and plug ~5182'. Clean out to PBSD (8449').
11. POOH, land tbg and pump off POBS.
12. NUWH, RDMO. Turn well over to production ops.

**STRENGTH DATA FOR LOGAN 5.88" OD "L" TYPE CSG PATCH
4-1/2 CASING, 10K PSI MAX WP 125K YIELD MAT'L
LOGAN ASSEMBLY NO. 510L-005 -000**



COLLAPSE PRESSURE:
11,222 PSI @ 0 TENSILE
8,634 PSI @ 220K TENSILE

Tensile Strength @ Yield:
Tensile Strength w/ 0 Int. Press.= 472,791lbs.
Tensile Strength w/ 10K Int. Press.= 313,748lbs.

DATA BY SLS 11/16/2009

RECEIVED Jul. 05, 2011

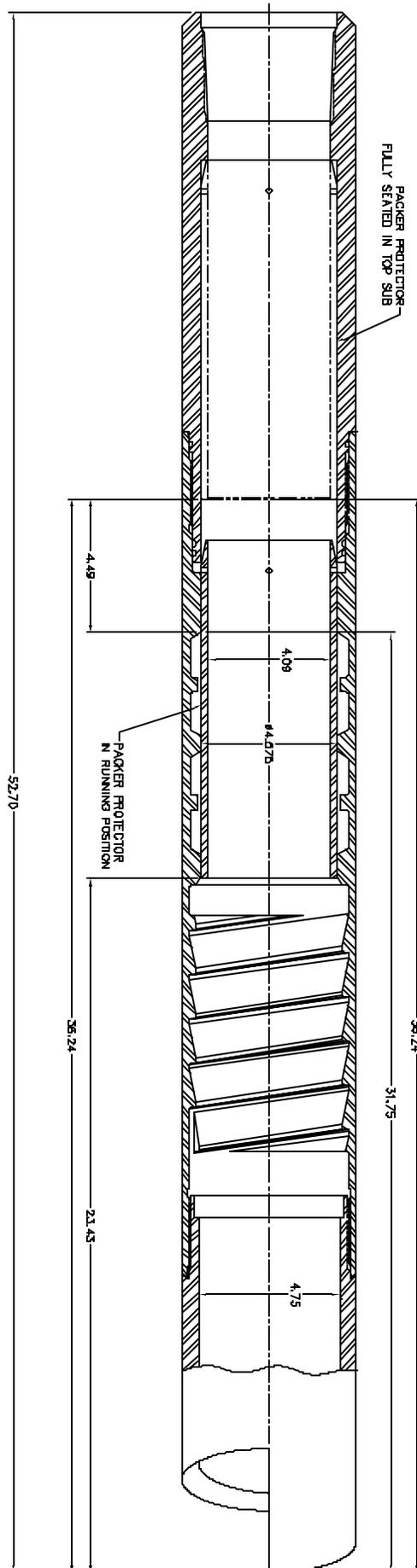


Logan High Pressure Casing Patches Assembly Procedure

All parts should be thoroughly greased before being assembled.

1. Install all four Logan Type "L" Packers in the spaces provided in the Casing Patch Bowl. Refer to diagram provided for proper installation.
2. Install Packer Protector from the Basket Grapple end of the Bowl. The beveled end of the Packer Protector goes in first. Carefully push the Packer Protector through the four Type "L" Packers.
3. Align Shear Pin Holes in Packer Protector so that the holes have just passed into the counter bore at the Top Sub end, refer to diagram. The Packer Protector is provided with four Shear Pin Holes. Use only two holes, 180 degrees apart and install the pins.
4. Screw the Basket Grapple in from the lower end of the Bowl, using left-hand rotation. The Tang Slot in the Basket Grapple must land in line with the slot in the Bowl.
5. Insert the Basket Grapple Control into the end of the Bowl. Align Tang on the Basket Grapple Control with the Tang Slot of the Bowl and Basket Grapple. This secures the Bowl and the Basket Grapple together.
6. Install the Cutlipped Guide into the lower end of the Bowl.
7. Install O-Rings on the two five-foot long Extensions. Screw the first Extension into the top end of the Bowl. Screw the second Extension into the top end of the first Extension.
8. Install O-Ring on Top Sub. Screw Top Sub into top end of second Extension.

Follow recommended Make-Up Torque as provided in chart.



510L-005-001 4-1/2" LOGAN HP CASING PATCH

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01198-B	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES	
8. WELL NAME and NUMBER: NBU 1022-22P	
9. API NUMBER: 43047388030000	
9. FIELD and POOL or WILDCAT: NATURAL BUTTES	
COUNTY: UINTAH	
STATE: UTAH	

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	3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	PHONE NUMBER: 720 929-6511
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0636 FSL 0296 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 22 Township: 10.0S Range: 22.0E Meridian: S	

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 checked="" type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/23/2011	<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 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 wellhead/casing repairs on the subject well location. Please see that attached chronological history for details of the operations.

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

FOR RECORD ONLY

July 26, 2012

NAME (PLEASE PRINT) Jaime Scharnowske	PHONE NUMBER 720 929-6304	TITLE Regularatory Analyst
SIGNATURE N/A	DATE 7/17/2012	

US ROCKIES REGION
Operation Summary Report

US ROCKIES REGION								
Operation Summary Report								
Well: NBU 1022-22P			Spud Conductor: 8/6/2010			Spud Date: 8/12/2010		
Project: UTAH-UINTAH			Site: NBU 1022-22P			Rig Name No: LEED 698/698		
Event: WELL WORK EXPENSE			Start Date: 9/21/2011			End Date: 9/23/2011		
Active Datum: RKB @5,416.01ft (above Mean Sea Level)			UWI: SE/SE/0/10/S/22/E/22/0/0/6/PM/S/636.00/E/0/296.00/0/0					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
9/21/2011	12:00 - 13:00	1.00	ALL	30	G	P		ROAD RIG F/ NBU 1022-27A TO NBU 1022-22P.
	13:00 - 13:15	0.25	ALL	48		P		HSM, REVIEW HIGH PRESSURE PUMP & FORKLIFT SAFETY.
	13:15 - 14:15	1.00	MIRU	30	A	P		SPOT RIG, MIRU.FCP. 54 PSI. FTP. 54 PSI.
	14:15 - 14:30	0.25	ALL	47	A	P		BLEW TBG DWN, CONTROL TBG W/ 10 BBLs, ND WH, NU BOP'S, RU FLOOR & TBG EQUIPMENT, UNLAND TBG HANGER.
	14:30 - 16:15	1.75	ALL	31	I	P		POOH 231 JTS. 2-3/8 J-55 TBG, LD 6 JTS. DUE TO INTERNAL SCALE WOULD NOT DRIFT.
	16:15 - 18:00	1.75	ALL	34	I	P		RU J-W WIRELINE COMPANY, RIH & SET 4-1/2 10K CIBP @ 4142', POOH, RD J-W WIRELINE COMPANY, FILL CSG W/ T-MAC, P.T. PLUG TO 3000 PSI. SWI, SDFN.
9/22/2011	7:00 - 7:15	0.25	ALL	48		P		HSM, REVIEW BACK-OFF PROCEDURE.
	7:15 - 7:30	0.25	ALL	47	A	P		RD FLOOR & TBG EQUIPMENT, ND BOP'S, ND CSG BOWL, RU PWR SWVL,
	7:30 - 8:15	0.75	ALL	31	B	P		PU INTERNAL CSG CUTTER & RIH, CUT CSG 3' F/ SURFACE, POOH, LD CSG & MANDRAL, PU 4-1/2 OVERSHOT, RIH & LATCH FISH, MIRU CSG CREW & WIRELINE SERVICES, RIH & STRING SHOT CSG COLLAR, BACK-OFF CSG PUP JNT, PU NEW 10' CSG PUP JNT, RIH TAG CSG TOP, THREAD INTO CSG, TORQUE CSG TO 7000# W/ 49.5 ROTATIONS, PU CSG TO 100,000# TENSION.
	8:15 - 9:15	1.00	ALL	33	C	P		RU B&C QUICK TEST, P.T. 4-1/2 CSG TO 1000 PSI. FOR 15 MINS, LOST 6.25 PSI. IN 15 MINS. P.T. 4-1/2 CSG TO 3500 PSI. LOST 21.25 PSI. IN 30 MINS. RD B&C QUICK TEST.
	9:15 - 10:30	1.25	ALL	47	C	P		SET C-21 SLIPS, LAND CSG W/ 90,000# TENSION, CUT-OFF & DRESS 4-1/2 CSG STUB.
	10:30 - 11:20	0.83	ALL	47	A	P		NU CSG BOWL, NU BOP'S, RU FLOOR & TBG EQUIPMENT
	11:20 - 12:35	1.25	ALL	31	I	P		PU 3-7/8 MILL, RIH 131 JTS. TAG CIBP @ 4142'
	12:35 - 13:00	0.42	ALL	31	H	P		RU PWR SWVL, RU TECH FOAM, EST CIRC IN 10 MINS.
	13:00 - 13:30	0.50	ALL	44	C	P		D/O CIBP IN 23 MINS, HAD 40 PSI. INCREASE, LD PWR SWVL.
	13:30 - 14:10	0.67	ALL	31	I	P		RIH REMAINING TBG F/ DERRICK, PU 7 JTS. F/ TRAILER, TAG SCALE @ 7326' W/ 231 JTS.
14:10 - 17:00	2.83	ALL	44	D			RU PWR SWVL, INSTALL TSF, EST CIRC 10 MINS, C/O SCALE F/ 7326' TO 7427' (101') IN 25 MINS, FELL THROUGH, LD PWR SWVL, RIH TBG & TAG @ 8155' (110' BELOW BTM PERF) CIRC HOLE CLEAN, RD PWR SWVL, POOH LD 27 JTS. 2-3/8 J-55 TBG ON TRAILER, KILL TBG, REMOVE TSF, EOT @ 7305' W/ 231 JTS. IN WELL, SWI, SDFN.	
9/23/2011	7:00 - 7:30	0.50	ALL	48		P		HSM, REVIEW BROACHING TBG.

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-22P		Spud Conductor: 8/6/2010		Spud Date: 8/12/2010	
Project: UTAH-UINTAH			Site: NBU 1022-22P		Rig Name No: LEED 698/698
Event: WELL WORK EXPENSE			Start Date: 9/21/2011		End Date: 9/23/2011
Active Datum: RKB @5,416.01ft (above Mean Sea Level)			UWI: SE/SE/0/10/S/22/E/22/0/0/6/PM/S/636.00/E/0/296.00/0/0		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:30 - 15:00	7.50	ALL	31				SICP.400 PSI. SITP. 300 PSI. BLEW TBG DWN, CONTROL TBG W/ 10 BBLS, POOH 231 JTS. 2-3/8 J-55 TBG, LD MILL, PU 1.875 XN NOTCH & RIH 116 JTS. RU SWAB EQUIPMENT, RIH 1.9 BROACH TBG TO SN, POOH, LD SWAB EQUIPMENT, RIH 115 JTS. 2-3/8 J-55 TBG, RU SWAB EQUIPMENT, RIH 1.9 BROACH & BROACH TBG, LAND TBG HANGER, RD FLOOR & TBG HANGER, ND BOP'S, NU WH, RDMO. MOVE TO NBU 347.
TBG DETAIL								
KB-----18' HANGER-----.83" 231 JTS. 2-3/8 J-55 TBG-----7294.70' 1.875 XN NOTCH-----1.05' EOT @-----7314.58' WLTR. 50 BBLS. TOP PERF @ 5282' BTM PERF @ 8045' PBTB @ 8449' API # 4304738803-00-S1								

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-01198-B
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Gas Well		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		8. WELL NAME and NUMBER: NBU 1022-22P
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		9. API NUMBER: 43047388030000
PHONE NUMBER: 720 929-6100		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0636 FSL 0296 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 22 Township: 10.0S Range: 22.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/28/2015	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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

The NBU 1022-22P well was returned to production on 1/28/2015.

Thank you.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
February 13, 2015**

NAME (PLEASE PRINT) Kristina Geno	PHONE NUMBER 720 929-6824	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 2/5/2015	

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-01198-B
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		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 1022-22P	
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047388030000	
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6507	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0636 FSL 0296 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 22 Township: 10.0S Range: 22.0E Meridian: S	COUNTY: UINTAH	
	STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/31/2016 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER OTHER: <input type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
THE NBU 1022-22P WELL WAS RETURNED TO PRODUCTION ON 3/31/2016. THANK YOU.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 25, 2016		
NAME (PLEASE PRINT) Jennifer Thomas	PHONE NUMBER 720 929-6808	TITLE Regulatory Specialist
SIGNATURE N/A	DATE 4/21/2016	