

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

5. Lease Serial No.  
**UTU-0464**

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 1022-06ET**

1a. Type of Work:  DRILL  REENTER  
b. Type of Well:  Oil Well  Gas Well  Other  Single Zone  Multiple Zone

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

9. API Well No.  
**43-047-40156**

3A. Address  
**PO BOX 173779, DENVER, CO 80123**

3b. Phone No. (include area code)  
**(720) 929-6666**

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

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)  
At surface **SWNW 2475' FNL, 628' FWL, LOT 5 629152X 39.978556**  
At proposed prod. Zone **44262834 -109.487514**

11. Sec., T., R., M., or Blk, and Survey or Area  
**SEC 6-T10S-R22E**

14. Distance in miles and direction from nearest town or post office\*  
**26 +/- MILES SOUTH EAST OF OURAY, UTAH**

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

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)  
**628'**

16. No. of Acres in lease  
**206.97**

17. Spacing Unit dedicated to this well  
**40**

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

19. Proposed Depth  
**9100**

20. BLM/BIA Bond No. on file  
**WYB-000291**

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
**5092 GR**

22. Approximate date work will start\*  
**UPON APPROVAL**

23. Estimated duration  
**TO BE DETERMINED**

**24. Attachments**

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

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office.

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

25. Signature *Raleen White* | Name (Printed/Typed) **RALEEN WHITE** | Date **6/13/2008**

Title **SR. REGULATORY ANALYST**

Approved by (Signature) *Bradley G. Hill* | Name (Printed/Typed) **BRADLEY G. HILL** | Date **06-18-08**

Title **ENVIRONMENTAL MANAGER**

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

Conditions of approval, if any, are attached.

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

\*(Instructions on reverse)

**RECEIVED**

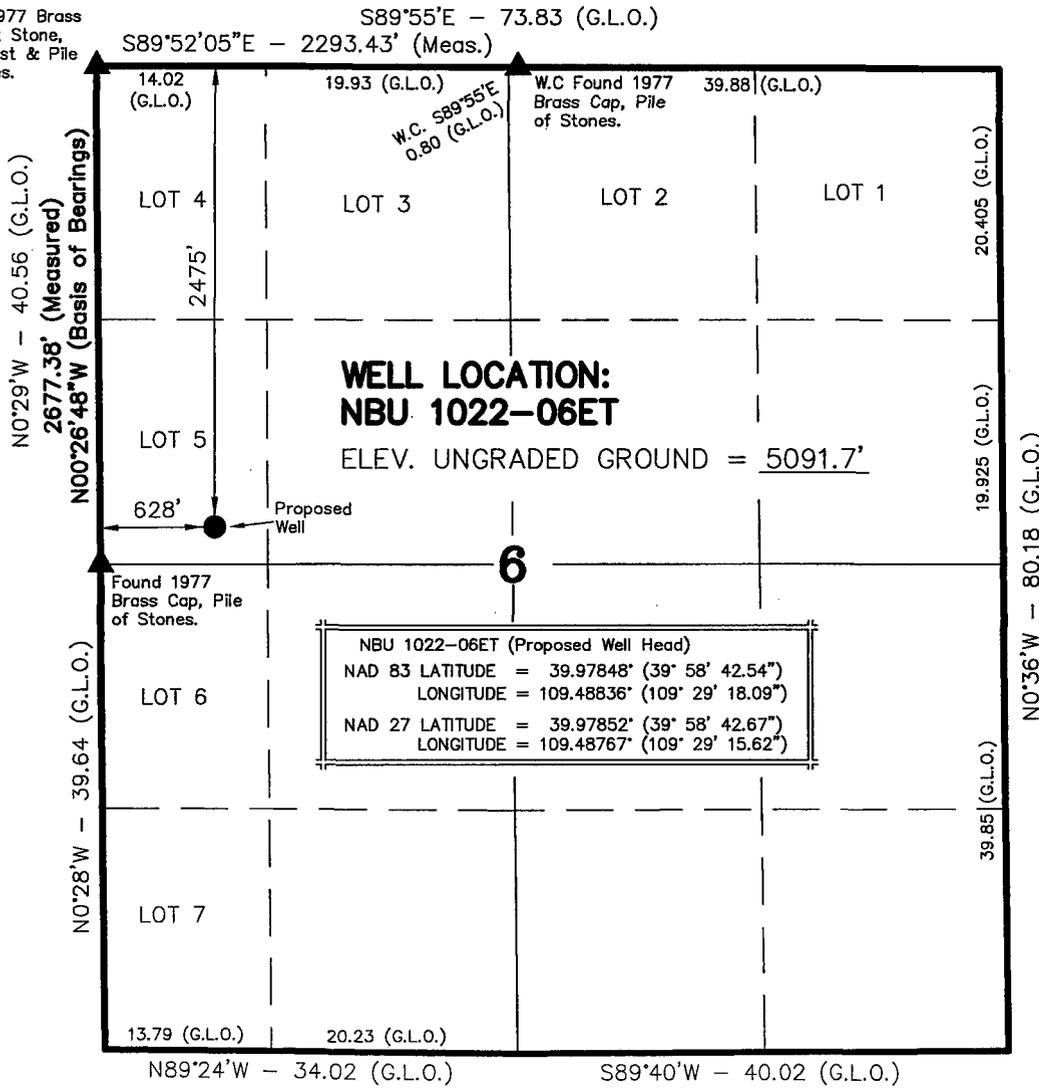
**JUN 16 2008**

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

**Federal Approval of this  
Action is Necessary**

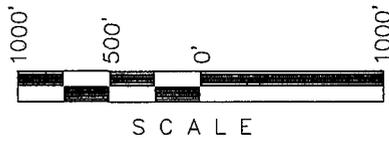
# T10S, R22E, S.L.B.&M.

Found 1977 Brass Cap, Set Stone, Steel Post & Pile of Stones.



**NOTES:**

- ▲ = Section Corners Located
- 1. Well footages are measured at right angles to the Section Lines.
- 2. G.L.O. distances are shown in feet or chains. 1 chain = 66 feet.
- 3. Bearings are based on Global Positioning Satellite observations.
- 4. Basis of elevation is Tri-Sta "Two Water" located in the NW 1/4 of Section 1, T10S, R21E, S.L.B.&M. The elevation of this Tri-Sta is shown on the Big Pack Mtn NE 7.5 Min. Quadrangle as being 5238'.



SURVEYOR'S CERTIFICATE

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

No. 362251  
KOLBY R.  
MAY

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 362251  
STATE OF UTAH

**Kerr-McGee  
Oil & Gas Onshore, LP**  
1099 18th Street, Suite 1200 - Denver, Colorado 80202

NBU 1022-06ET  
WELL PLAT  
2475' FNL, 628' FWL  
LOT 5 OF SECTION 6, T10S, R22E,  
S.L.B.&M. UINTAH COUNTY, UTAH.

**609**

CONSULTING, LLC  
371 Coffeen Avenue  
Sheridan WY 82801  
Phone 307-674-0609  
Fax 307-674-0182

<b>TIMBERLINE</b> (435) 789-1365		
<b>ENGINEERING &amp; LAND SURVEYING, INC.</b>		
38 WEST 100 NORTH - VERNAL, UTAH 84078		
DATE SURVEYED: 06-02-08	SURVEYED BY: M.S.B.	<b>SHEET 2 OF 7</b>
DATE DRAWN: 06-04-08	DRAWN BY: M.W.W.	
SCALE: 1" = 1000'		Date Last Revised:

**NBU 1022-06ET  
TWIN TO NBU 341  
SWNW, SEC. 6, T10S,R22E  
UINTAH COUNTY, UTAH  
UTU-0464**

**ONSHORE ORDER NO. 1**

***DRILLING PROGRAM***

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

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	1300'
Birds Nest	1603'
Mahogany	2070'
Wasatch	4518'
Mesaverde	7098'
TD	9100'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1300'
Water	Birds Nest	1603'
Water	Mahogany	2070'
Gas	Wasatch	4518'
Gas	Mesaverde	7098'
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 9100' TD, approximately equals 5642 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3640 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. Please see KMG sundry regarding variance request to Onshore Order #2 regarding Air drilling for surface casing*

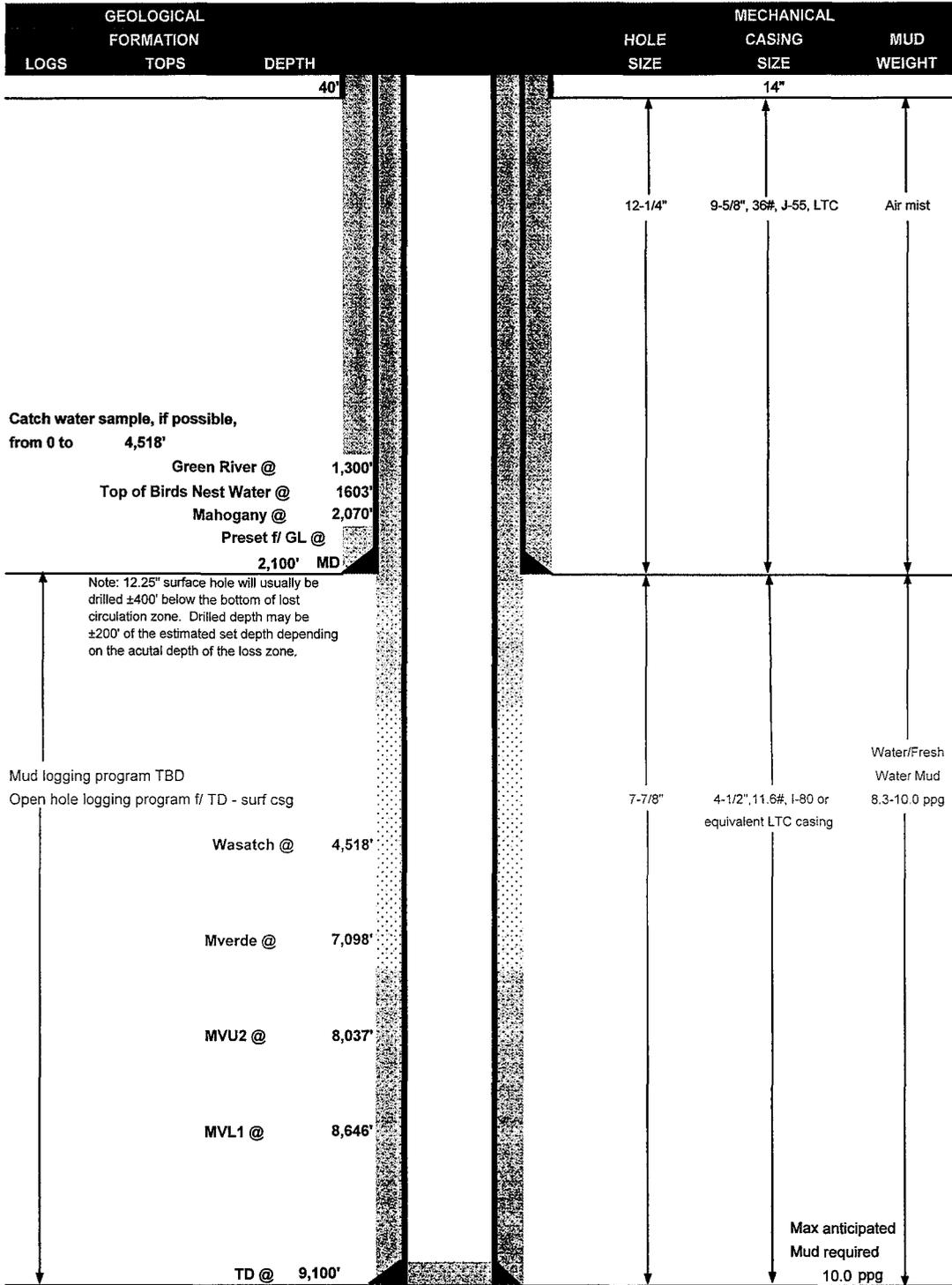
10. **Other Information:**

*Please see Natural Buttes Unit SOP.*



# KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

COMPANY NAME KERR-McGEE OIL & GAS ONSHORE LP DATE June 13, 2008  
 WELL NAME NBU 1022-06ET TD 9,100' MD/TVD  
 FIELD Natural Buttes COUNTY Uintah STATE Utah ELEVATION 5,092' GL KB 5,105'  
 SURFACE LOCATION SWNW- SEC. 6, T10S, R22E -2475 FNL, 628 FWL LOT 5 BHL Straight Hole  
 Latitude: 39.978520 Longitude: 109.487670  
 OBJECTIVE ZONE(S) Wasatch/Mesaverde  
 ADDITIONAL INFO Regulatory Agencies: UDOGM (SURF & MINERALS), BLM, 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'						
SURFACE	9-5/8"	0 to 2100	36.00	J-55	LTC	3520	2020	453000
						7780	6350	201000
PRODUCTION	4-1/2"	0 to 9100	11.60	I-80	LTC	2.85	1.34	2.18

- 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 = 10.0 ppg) .22 psi/ft = gradient for partially evac wellbore  
 (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing\*Buoy.Fact. of water)  
 MASP 2730 psi

**CEMENT PROGRAM**

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE Option 1	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18
	TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	50		15.60	1.18
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE Option 2	LEAD	1500	NOTE: If well will circulate water to surface, option 2 will be utilized Prem cmt + 16% Gel + 10 pps gilsonite +.25 pps Flocele + 3% salt BWOC	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	4,010'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	440	60%	11.00	3.38
	TAIL	5,090'	50/50 Poz/G + 10% salt + 2% gel +.1% R-3	1420	60%	14.30	1.31

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

**FLOAT EQUIPMENT & CENTRALIZERS**

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

**ADDITIONAL INFORMATION**

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

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

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

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

DRILLING ENGINEER:

Brad Laney

DATE:

DRILLING SUPERINTENDENT:

Randy Bayne

DATE:

**NBU 1022-06ET  
TWIN TO NBU 341  
SWNW, SEC. 6, T10S, R22E, SLB&M  
UINTAH COUNTY, UTAH  
UTU-0464**

**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:**

No new access road is proposed. Refer to Topo Map B.

*Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities were determined at the on-site.*

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

**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.*

Utilizing existing pipeline.

**Variations to Best Management Practices (BMPs) Requested:**

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.

**Interim Surface Reclamation Plan:**

This exception is requested due to the current twin and multi-well program. If determined that this well will not be a candidate for either twinning &/or multi-well the operator shall spread the topsoil pile on the location up to the rig anchor points. The location will be reshaped to the original contour to the extent possible. The operator will reseed the area using the BLM recommended seed mixture and reclamation methods.

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.*

A plastic reinforced liner is to be used as discussed during on-site inspection. It will be a minimum of 20 mil thick and felt, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

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, Pipeline Facility Sec. 36, T9S, R20E, Goat Pasture Evaporation Pond SW/4 Sec. 16, T10S, R22E, Bonanza Evaporation Pond Sec. 2, T10S, R23E (*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.

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.*

Upon reclamation of the pit the operator will utilize the same seed mix approved for the NBU 165. Operator shall call the BLM for the seed mixture when final reclamation occurs.

11. **Surface and Mineral Ownership:**

The well pad, access road, pipeline and mineral ownership are listed below:

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

13. **Other Information:**

A Class III archaeological survey, T&E Clearance and a paleontological survey have been performed and will be sent to the BLM with a form letter

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

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

Raleen White  
Sr. Regulatory Analyst  
Kerr-McGee Oil & Gas Onshore LP  
PO Box 173779  
Denver, CO  
(720) 929-6666

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

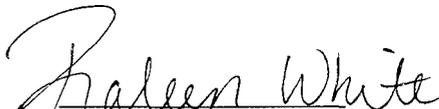
Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

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

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

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by BLM Nationwide Bond #WYB000291.

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.

  
Raleen White

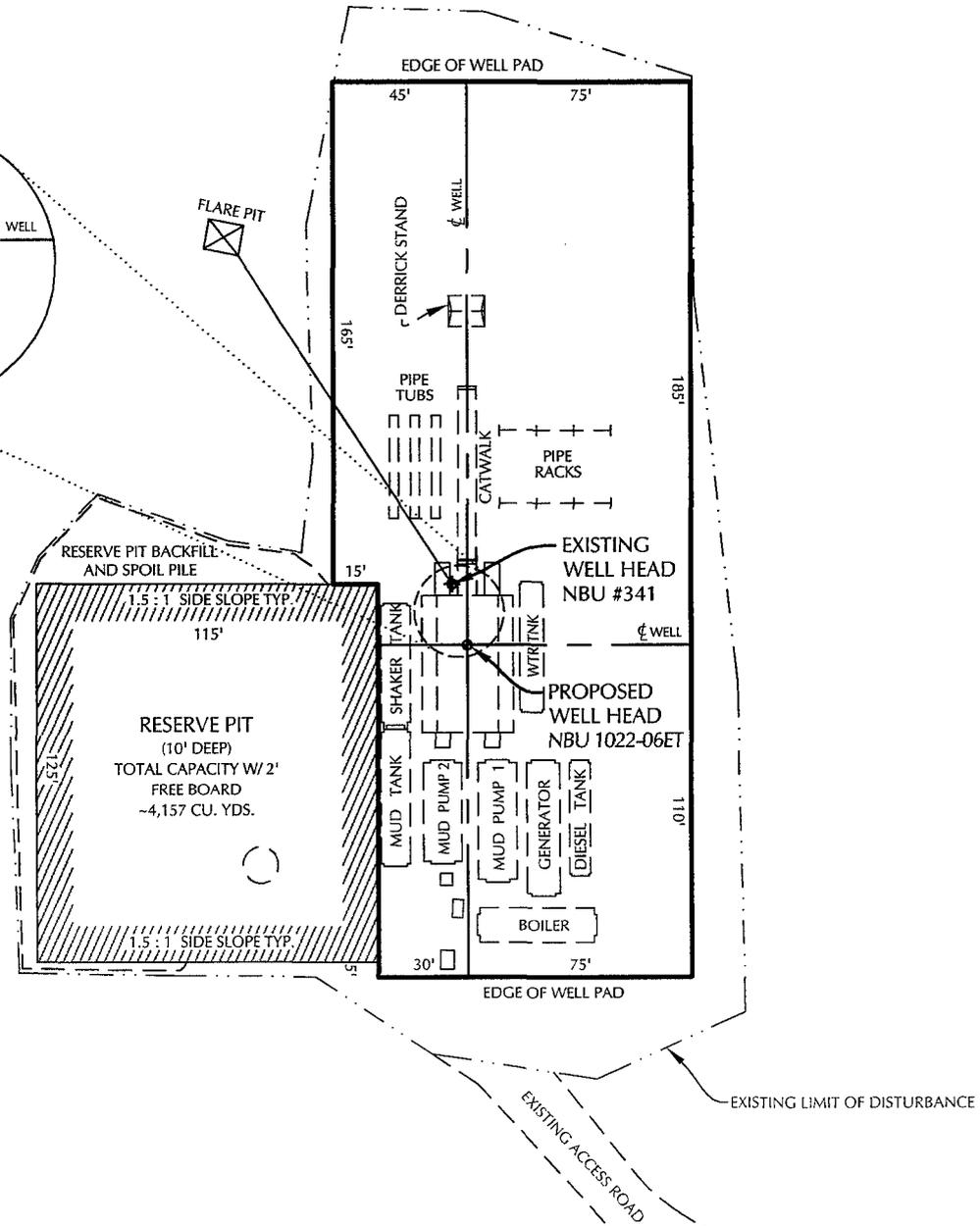
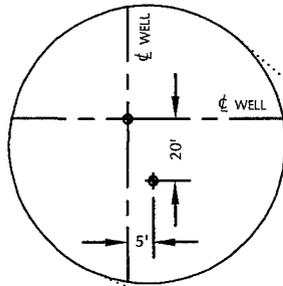
6/13/2008

Date

**Kerr-McGee Oil & Gas Onshore, LP**  
**NBU #1022-06ET**  
**SECTION 6, T10S, R22E, S.L.B.&M.**

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH, ALONG U.S. HIGHWAY 40 APPROXIMATELY 13.2 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 16.5 MILES TO OURAY, UTAH; PROCEED FROM OURAY, UTAH, IN A SOUTHERLY DIRECTION ON STATE HIGHWAY 88 APPROXIMATELY 9.4 MILES TO THE JUNCTION OF STATE HIGHWAY 88 AND SEEP RIDGE ROAD; EXIT LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND GLEN BENCH ROAD; EXIT LEFT AND PROCEED IN AN EASTERLY DIRECTION FOR APPROXIMATELY 5.1 MILES TO THE JUNCTION OF THIS ROAD AND BITTER CREEK ROAD; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION, GRADUALLY CHANGING TO SOUTHEASTERLY FOR APPROXIMATELY 4.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION, GRADUALLY CHANGING TO NORTHEASTERLY APPROXIMATELY 3.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN LEFT AND PROCEED IN A WESTERLY DIRECTION, GRADUALLY CHANGING TO NORTHWESTERLY APPROXIMATELY 2.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN LEFT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND THE PROPOSED NBU 1022-06ET WELL LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH, TO THE PROPOSED NBU 1022-06ET WELL LOCATION IS APPROXIMATELY 56.2 MILES.



**NOTES:**

1. FLARE PIT IS TO BE LOCATED A MIN. OF 100' FROM THE WELL HEAD
2. ELEVATION BASED ON TRI-STA "TWO WATERS" LOCATED IN THE NW1/4 OF SEC. 1, T.10S., R.21E., S.L.B. & M. (THE ELEVATION OF THIS TRI-STA IS SHOWN ON THE BIG PACK MTN. NE 7.5 MIN. QUADRANGLE AS BEING 5,238')
3. NBU 1022-06ET EXISTING GROUND ELEVATION = 5,091.7'

**KERR-MCGEE OIL & GAS  
ONSHORE, LP**

1099 18th Street, Suite 1200 - Denver, Colorado 80202

**NBU 1022-06ET  
LOCATION LAYOUT  
2,475' FNL - 628' FWL  
LOT 5, SEC. 6, T.10S., R.22E.  
S.L.B. & M., Uintah County, UTAH**



CONSULTING, LLC  
371 Coffeen Avenue  
Sheridan WY 82801  
Phone 307-674-0609  
Fax 307-674-0182



SCALE: 1" = 60'

Scale: 1"=60'	Date: 6/6/08	SHEET NO:
REVISID:	BY DATE	3 3 OF 7

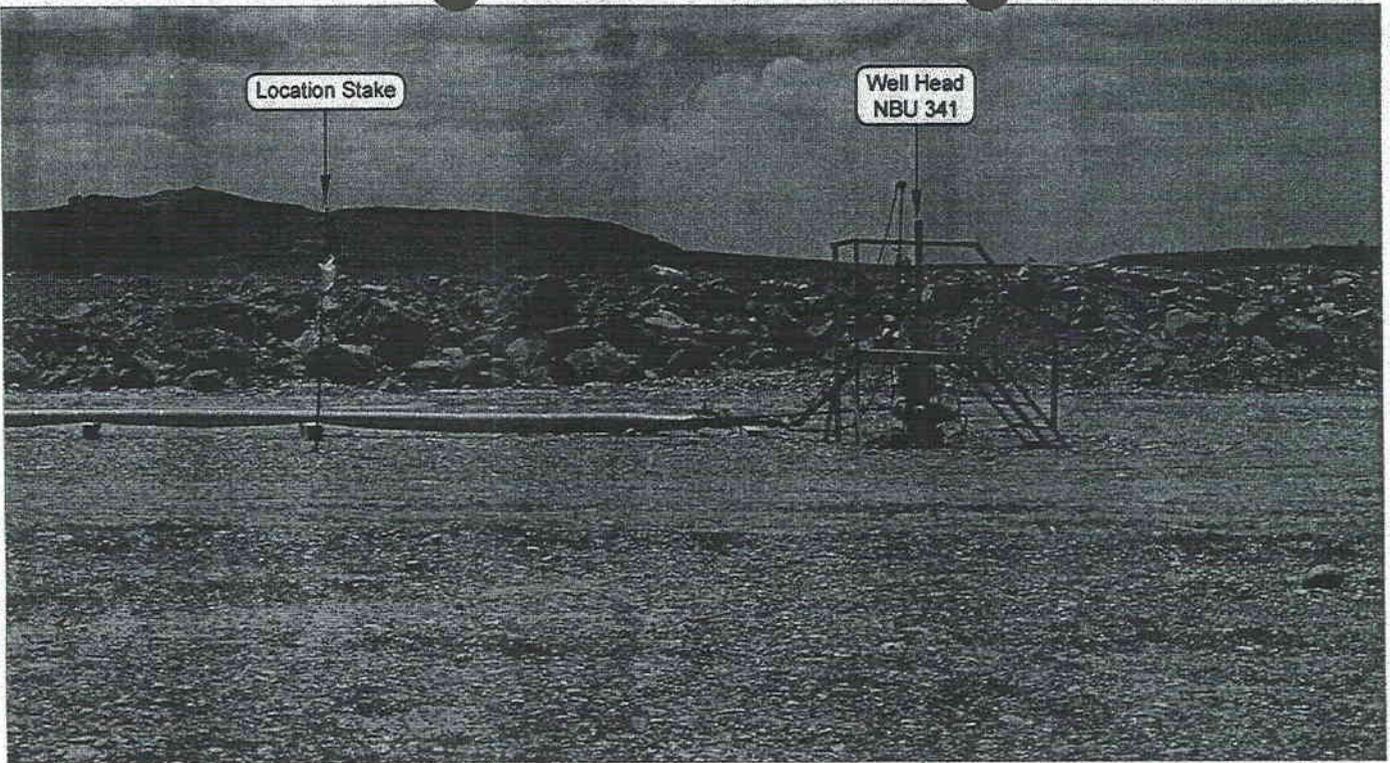


PHOTO VIEW: LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY

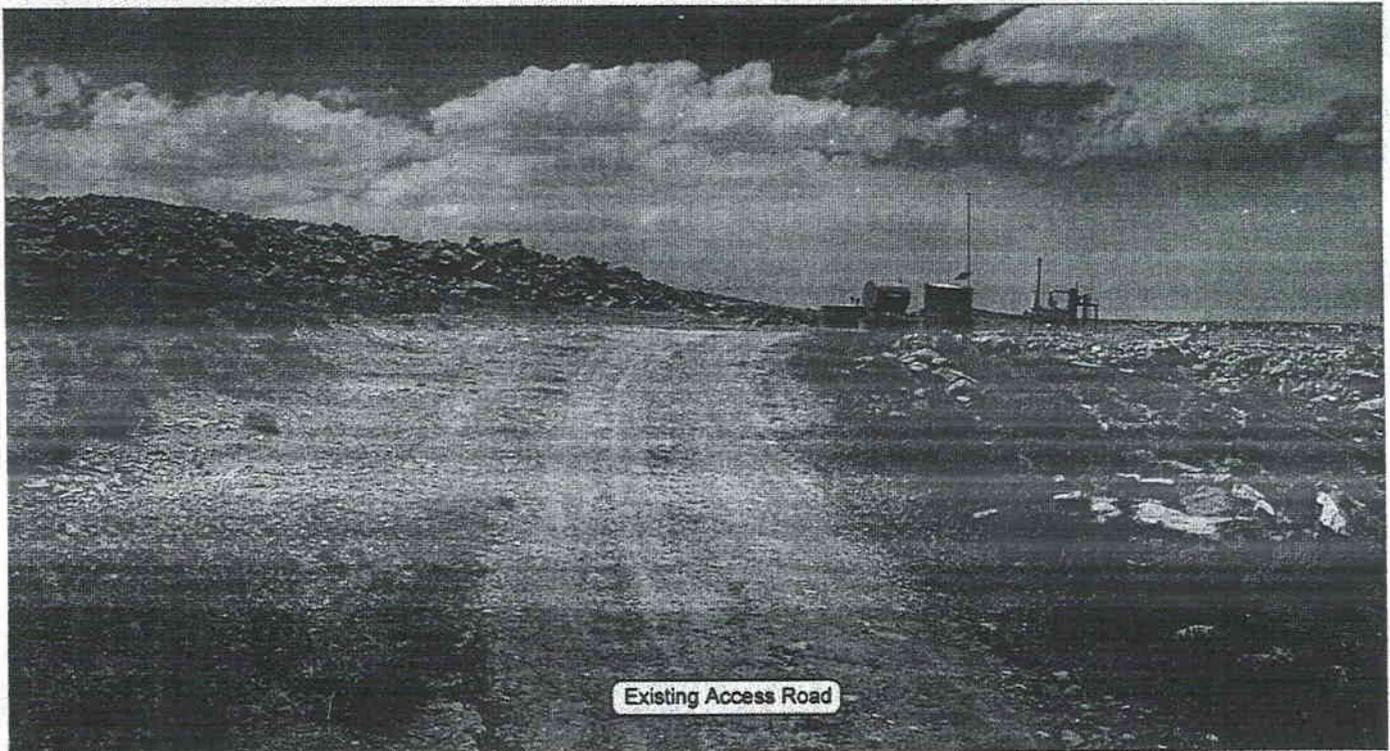


PHOTO VIEW: EXISTING ROAD

CAMERA ANGLE: WESTERLY

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

1099 18th Street, Suite 1200 - Denver, Colorado 80202

NBU 1022-06ET  
2475' FNL, 628' FWL  
LOT 5 OF SECTION 6, T10S, R22E,  
S.L.B.&M. UINTAH COUNTY, UTAH.



CONSULTING, LLC  
371 Coffeen Avenue  
Sheridan WY 82801  
Phone 307-674-0609  
Fax 307-674-0182

**LOCATION PHOTOS**

TAKEN BY: M.S.B.

DRAWN BY: M.W.W.

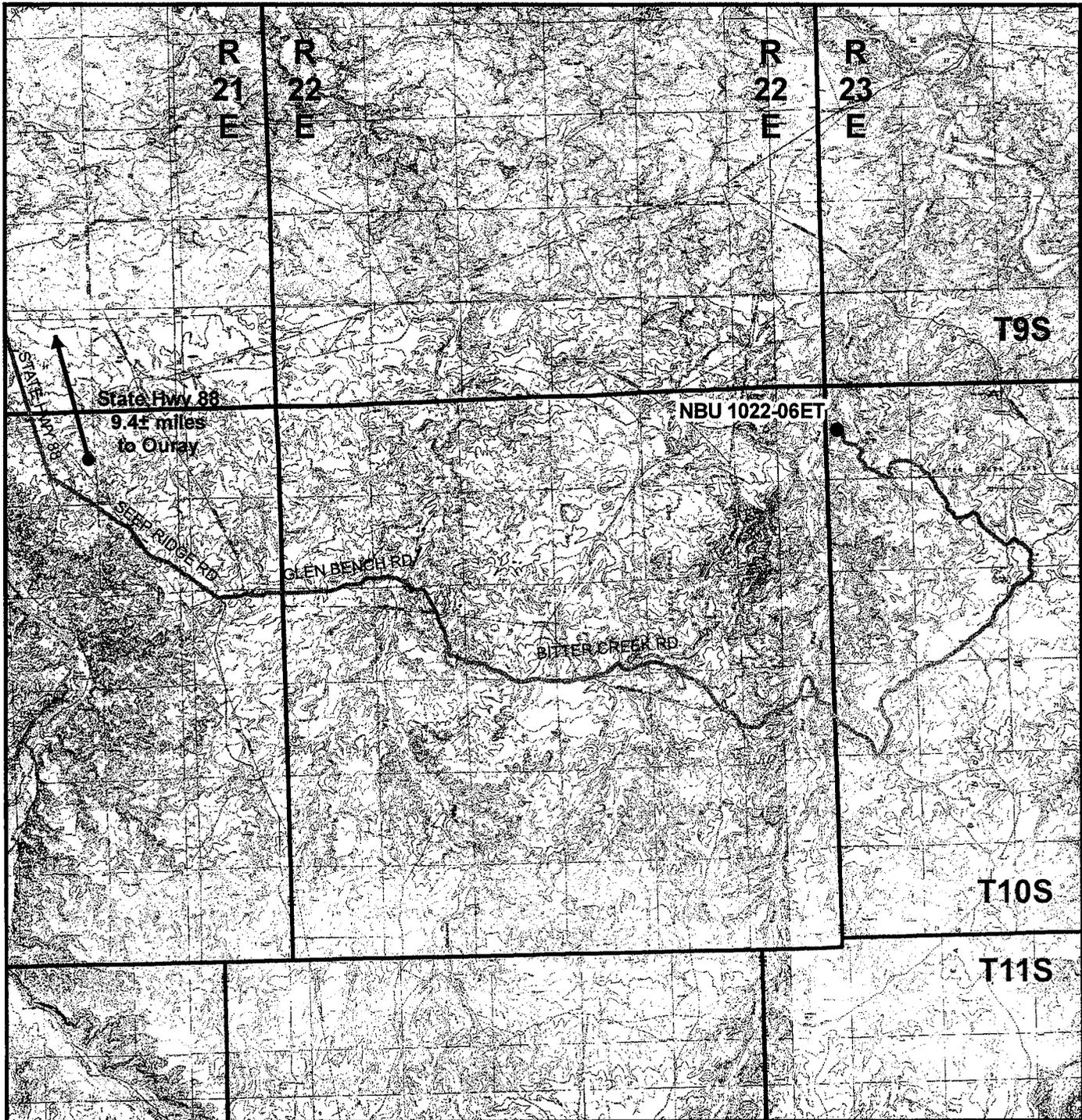
DATE TAKEN: 06-02-08

DATE DRAWN: 06-04-08

REVISED:

**Timberline** (435) 789-1365  
Engineering & Land Surveying, Inc.  
38 WEST 100 NORTH VERNAL, UTAH 84078

SHEET  
4  
OF 7



**Legend**

- Proposed NBU 1022-06ET Well Location
- Existing Access Roads

**Kerr-McGee Oil & Gas Onshore, LP**  
 1099 18th Street, Suite 1200 - Denver, Colorado 80202

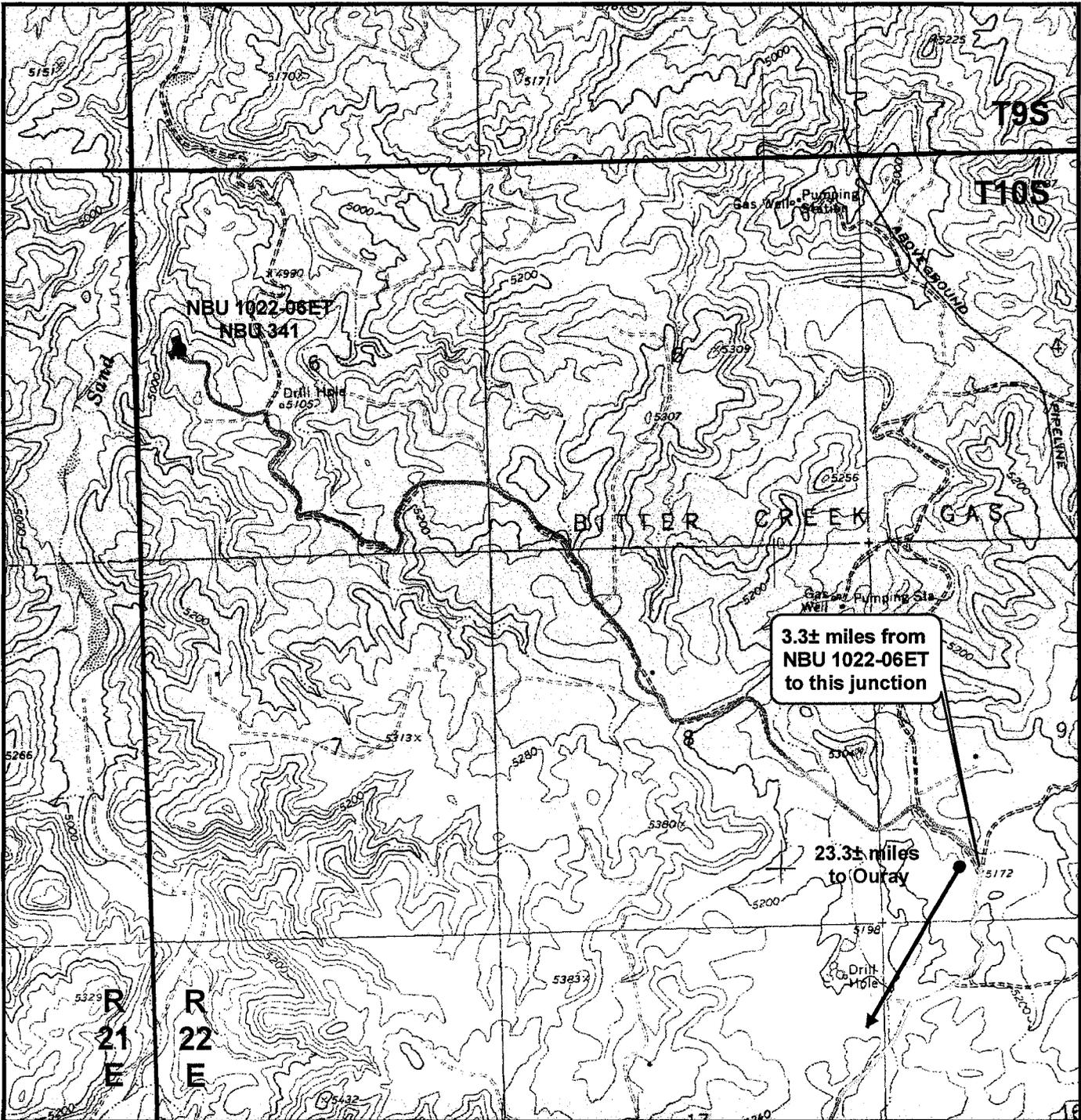


**CONSULTING, LLC**  
 371 Coffeen Avenue  
 Sheridan, WY 82801  
 Phone (307) 673-0036  
 Fax (307) 674-0182



**NBU 1022-06ET**  
**Topo A**  
**2475' FNL, 628' FWL**  
**Lot 5, Section 6, T10S, R22E**  
**S.L.B.&M., Uintah County, Utah**

Scale: 1:100,000	NAD83 USP Central	Sheet No:
Drawn: JELo	Date: 6 June 2008	<b>5</b>
Revised:	Date:	



**Legend**

- Proposed NBU 1022-06ET Well Location
- Existing Access Roads

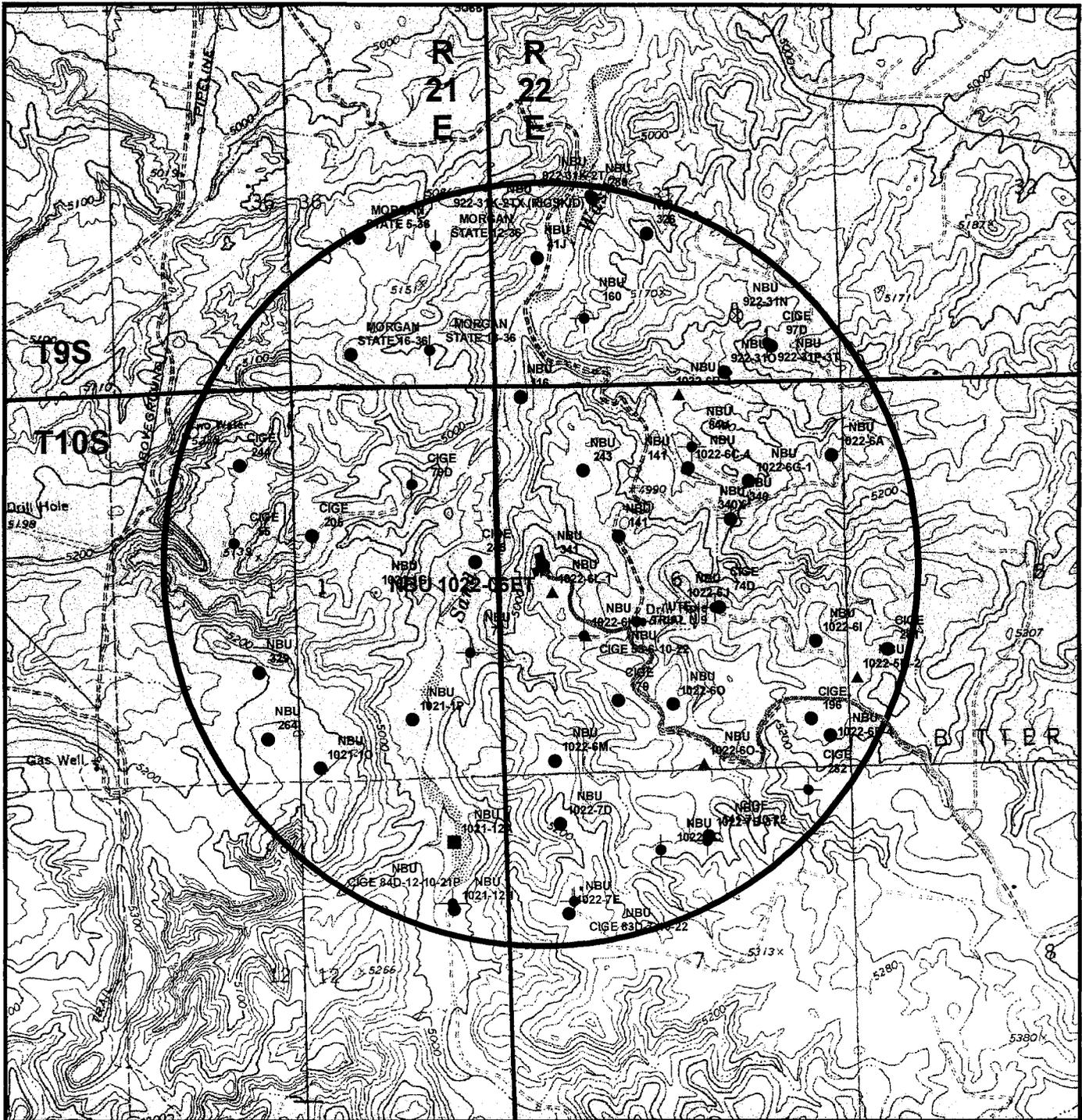
**Kerr-McGee Oil & Gas Onshore, LP**  
 1099 18th Street, Suite 1200 - Denver, Colorado 80202

**NBU 1022-06ET**  
**Topo B**  
 2475' FNL, 628' FWL  
 Lot 5, Section 6, T10S, R22E  
 S.L.B.&M., Uintah County, Utah



**CONSULTING, LLC**  
 371 Coffeen Avenue  
 Sheridan, WY 82801  
 Phone (307) 673-0036  
 Fax (307) 674-0182

Scale: 1" = 2000ft	NAD83 USP Central	Sheet No:
Drawn: JELo	Date: 6 June 2008	<b>6</b>
Revised:	Date:	



### Legend

● Proposed NBU 1022-06ET Well Location

— Existing Access Roads

**Kerr-McGee Oil & Gas Onshore, LP**  
1099 18th Street, Suite 1200 - Denver, Colorado 80202

**NBU 1022-06ET**  
**Topo C**  
**2475' FNL, 628' FWL**  
**Lot 5, Section 6, T10S, R22E**  
**S.L.B.&M., Uintah County, Utah**

  
**CONSULTING, LLC**  
371 Coffeen Avenue  
Sheridan, WY 82801  
Phone (307) 673-0036  
Fax (307) 674-0182



- Producing
- Spudded (Drilling commenced: Not yet comple)
- ▲ Approved permit (APD); not yet spudded
- New Permit (Not yet approved or drilled)
- ⊗ Location Abandoned
- ⊕ Plugged and Abandoned
- Shut-in
- ⊗ Returned APD (Unapproved)

Scale: 1" = 2000ft	NAD83 USP Central	Sheet No:
Drawn: JELo	Date: 6 June 2008	<b>7</b> 7 of 7
Revised:	Date:	

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 06/16/2008

API NO. ASSIGNED: 43-047-40156

WELL NAME: NBU 1022-06ET  
 OPERATOR: KERR-MCGEE OIL & GAS ( N2995 )  
 CONTACT: RALEEN WHITE

PHONE NUMBER: 720-929-6666

PROPOSED LOCATION:

SWNW 06 100S 220E  
 SURFACE: 2475 FNL 0628 FWL  
 BOTTOM: 2475 FNL 0628 FWL  
 COUNTY: UINTAH  
 LATITUDE: 39.97856 LONGITUDE: -109.4875  
 UTM SURF EASTINGS: 629152 NORTHINGS: 4426263  
 FIELD NAME: NATURAL BUTTES ( 630 )

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

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-0464  
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MVRD  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. WYB-000291 )
- 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: 12-2-1994
- Siting: 460' fr u b d g & u n c o m m i t r e e t
- R649-3-11. Directional Drill

COMMENTS: Sup, Separat SW

STIPULATIONS: 1- Fedus Approval  
2- EUL SHALE



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

June 18, 2008

Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2008 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 2008 within the Natural Buttes Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
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(Proposed PZ MesaVerde)

43-047-40146	NBU 922-29LT	Sec 29 T09S R22E 1978 FSL 0957 FWL
43-047-40147	NBU 922-32AT	Sec 32 T09S R22E 0457 FNL 0113 FEL
43-047-40148	NBU 922-32BT	Sec 32 T09S R22E 0701 FNL 2116 FEL
43-047-40149	NBU 1022-03FT	Sec 03 T10S R22E 2059 FNL 1825 FWL
43-047-40150	NBU 1022-03CT	Sec 03 T10S R22E 0715 FNL 1777 FWL
43-047-40151	NBU 1022-04HT	Sec 04 T10S R22E 2015 FNL 0566 FEL
43-047-40152	NBU 1022-04AT	Sec 04 T10S R22E 0544 FNL 1278 FEL
43-047-40153	NBU 1022-05JT	Sec 05 T10S R22E 2203 FSL 2319 FEL
43-047-40154	NBU 1022-05IT	Sec 05 T10S R22E 2288 FSL 0691 FEL
43-047-40155	NBU 1022-05BT	Sec 05 T10S R22E 1028 FNL 1886 FEL
43-047-40156	NBU 1022-06ET	Sec 06 T10S R22E 2475 FNL 0628 FWL
43-047-40157	NBU 1022-06FT	Sec 06 T10S R22E 2108 FNL 1669 FWL
43-047-40158	NBU 1022-06DT	Sec 06 T10S R22E 0162 FNL 0311 FWL

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

/s/ Michael L. Coulthard



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

June 18, 2008

Kerr-McGee Oil & Gas Onshore LP  
P O Box 173779  
Denver, CO 80217-3779

Re: NBU 1022-06ET Well, 2475' FNL, 628' FWL, SW NW, Sec. 6, 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 43-047-40156.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

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

Operator: Kerr-McGee Oil & Gas Onshore LP

Well Name & Number NBU 1022-06ET

API Number: 43-047-40156

Lease: UTU-0464

Location: SW NW                      Sec. 6                      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 Dustin Doucet at (801) 538-5281 office      (801) 733-0983 home

3. Reporting Requirements

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

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

5. 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.

RECEIVED  
VERNAL FIELD OFFICE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

2008 JUN 17 10 02 AM

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

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-0464
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 PO BOX 173779, DENVER, CO 80123	3b. Phone No. (include area code) (720) 929-6666	8. Lease Name and Well No. NBU 1022-06ET
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SWNW 2475' FNL, 628' FWL, LOT 5 At proposed prod. Zone		9. API Well No. 43 OAT 40156
14. Distance in miles and direction from nearest town or post office* 26 +/- MILES SOUTH EAST 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) 628'	16. No. of Acres in lease 206.97	11. Sec., T., R., M., or Blk. and Survey or Area SEC 6-T10S-R22E
17. Spacing Unit dedicated to this well 40	18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C	12. County or Parish UINTAH
19. Proposed Depth 9100	20. BLM/BIA Bond No. on file WYB-000291	13. State UT
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5092 GR	22. Approximate date work will start* UPON APPROVAL	23. Estimated duration TO BE DETERMINED

24. Attachments

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

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

25. Signature <i>Raleen White</i>	Name (Printed/Typed) RALEEN WHITE	Date 6/13/2008
--------------------------------------	--------------------------------------	-------------------

Title SR. REGULATORY ANALYST	Name (Printed/Typed) JERRY KENCALA	Date NOV 19 2008
Approved by (Signature) <i>Jerry Kencala</i>	Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE

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

CONDITIONS OF APPROVAL ATTACHED

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

NOS APD posted 6/25/08  
AFMSS# 085XS0151A

UDOGM

RECEIVED  
NOV 24 2008  
DIV. OF OIL, GAS & MINING



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

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

<b>Company:</b>	<b>Kerr McGee Oil &amp; Gas Onshore, LP</b>	<b>Location:</b>	<b>Lot 5, Sec.6, T10S, R22E</b>
<b>Well No:</b>	<b>NBU 1022-06ET</b>	<b>Lease No:</b>	<b>UTU-464</b>
<b>API No:</b>	<b>43-047-40156</b>	<b>Agreement:</b>	<b>Natural Buttes Unit</b>

<b>Title</b>	<b>Name</b>	<b>Office Phone Number</b>	<b>Cell Phone Number</b>
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	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	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
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:	Nathan Packer	(435) 781-3405	(435) 828-3545
NRS/Enviro Scientist:	David Gordon	(435) 781-4424	

**Fax: (435) 781-3420**

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

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

**NOTIFICATION REQUIREMENTS**

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

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

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

**SITE SPECIFIC COAs:**

Golden Eagle - January 1 through August 31  
No drilling or construction during the above indicated dates unless nest is not active.  
Per recommendation of the BLM authorized agent.

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

### **SITE SPECIFIC DOWNHOLE COAs:**

- A copy of Kerr McGee's Standard Operating Practices (dated 7/17/08 and approved 7/28/08) shall be on location.
- Kerr McGee and their contractors shall strictly adhere to all operating practices in the SOP along with all Oil and Gas rules and requirements listed in the Code of Federal Regulations and all Federal Onshore Oil and Gas Orders except where variances have been granted.

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

### **DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

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

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## OPERATING REQUIREMENT REMINDERS:

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

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

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

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. LEASE SERIAL NO. UTU0464
6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA
7. IF UNIT OR CA/AGREEMENT, NAME AND/OR NO. 891008900A
8. WELL NAME AND NO. NBU 1022-06ET
9. API WELL NO. 43-047-40156
10. FIELD AND POOL, OR EXPLORATORY AREA Natural Buttes
11. COUNTY OR PARISH, STATE Uintah, Utah

**SUBMIT IN TRIPLICATE**

1. TYPE OF WELL Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other: _____	
2. NAME OF OPERATOR Kerr-McGee Oil & Gas Onshore LP	
3. ADDRESS AND TELEPHONE NO. 1099 18th Street, Suite 1800 Denver, CO 80202	CONTACT: Danielle Piernot PHONE: 720-929-6156 danielle.piernot@anadarko.com
4. LOCATION OF WELL (Footage, T, R, M, or Survey Description) 2,475' FNL 628' FWL SWNW Sec. 6 Lot 5 T10S R22E Lat. 39.97848 Long. -109.48836 NAD 83	

**12. CHECK APPROPRIATE BOX(S) 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 checked="" type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with the 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 must 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.)

An APD for this location was submitted to the BLM and UDOGM and was assigned API 49-047-40156. UDOGM approved their portion of the APD on June 18, 2008. The BLM approved their portion of the APD on November 19, 2008.

Kerr-McGee respectfully requests to change the surface casing for this well due to revised drilling practices.

The surface casing is changing

FROM: 2,100'

TO: 2,275'

Please see the attached drilling diagram for additional details. All other information remains the same.

Thank you.

**RECEIVED**

**APR 16 2009**

DIV OF OIL, GAS & MINING

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

Name (Printed/Typed)

Danielle Piernot

Title Regulatory Analyst

**COPY SENT TO OPERATOR**

Date: 4.28.2009

Signature

*Danielle Piernot*

Date April 15, 2009

Initials: DS

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE.**

Approved by

*[Signature]*

Title

*Pet Eng.*

Date

*4/23/09*

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

Office

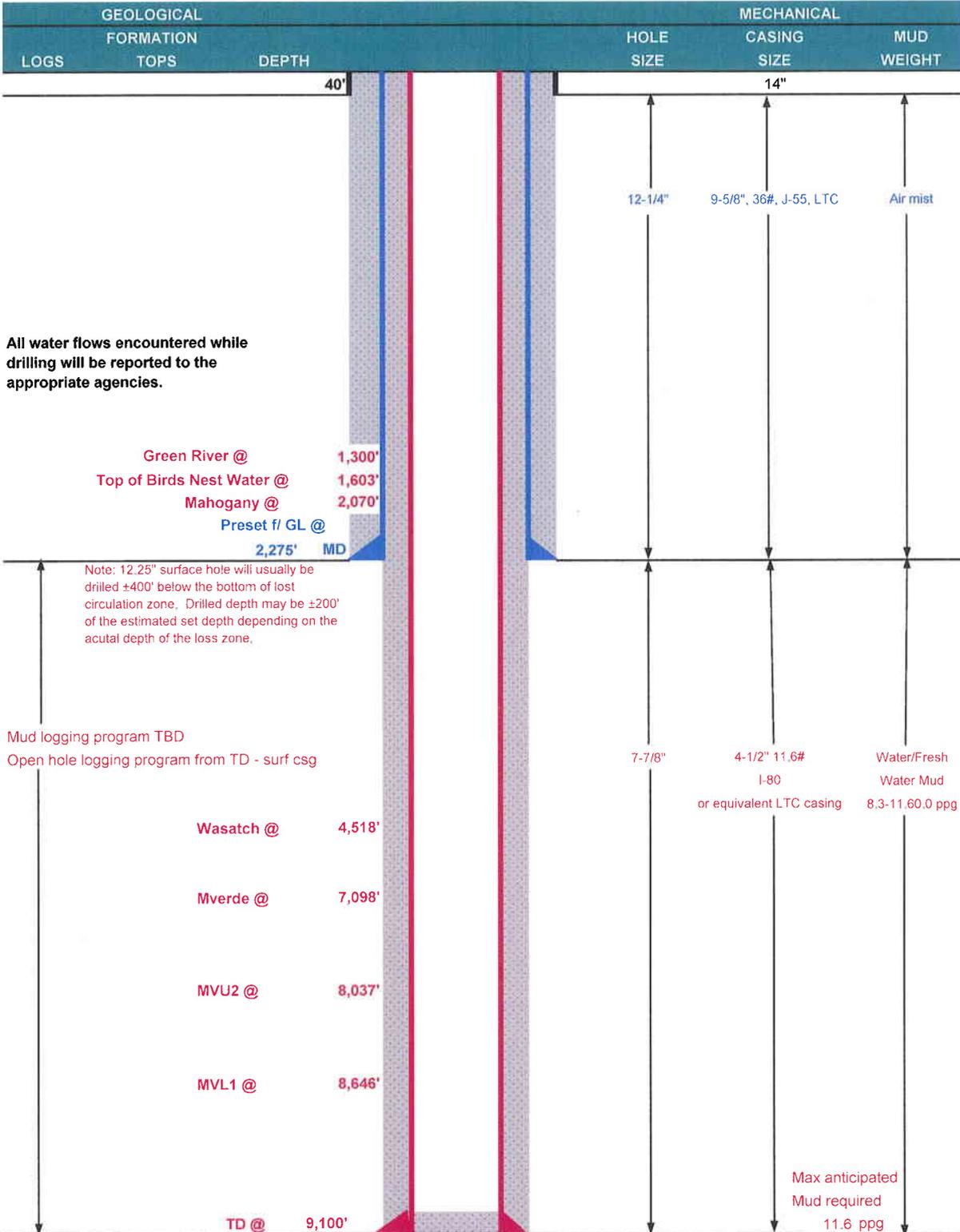
*DOGUM*

*Federal Approval of this  
Action Is Necessary*



# KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

COMPANY NAME	KERR-McGEE OIL & GAS ONSHORE LP		DATE	April 14, 2009	
WELL NAME	NBU 1022-06ET		TD	9,100'	MD/TVD
FIELD	Natural Buttes	COUNTY	Uintah	STATE	Utah
		ELEVATION	5,092' GL	KB	5,107'
SURFACE LOCATION	SW/4 NW/4	2,475' FNL	628' FWL	Sec 6	T 10E R 22E Lot 5
	Latitude: 39.978480	Longitude: -109.488360	NAD 83		
OBJECTIVE ZONE(S)	Wasatch/Mesaverde				
ADDITIONAL INFO	Regulatory Agencies: BLM (Minerals), BLM (Surface), 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'						
						3,520	2,020	453,000
SURFACE	9-5/8"	0 to 2275	36.00	J-55	LTC	1.01	1.90	7.04
						7,780	6,350	201,000
PRODUCTION	4-1/2"	0 to 9100	11.60	I-80	LTC	2.23	1.16	2.18

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\*Buoy.Fact. of water)  
**MASP 3,384 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\*Buoy.Fact. of water)  
**MABHP 5,386 psi**

### CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	500	Premium cmt + 2% CaCl	215	60%	15.60	1.18
<b>Option 1</b>			+ 25 pps flocele				
	TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt	50		15.60	1.18
			+ 2% CaCl + 25 pps flocele				
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE			<b>NOTE: If well will circulate water to surface, option 2 will be utilized</b>				
<b>Option 2</b>	LEAD	1500	Prem cmt + 16% Gel + 10 pps gilsonite	170	35%	11.00	3.82
			+ 25 pps Flocele + 3% salt BWOC				
	TAIL	500	Premium cmt + 2% CaCl	180	35%	15.60	1.18
			+ 25 pps flocele				
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	4,010'	Premium Lite II + 3% KCl + 0.25 pps	410	60%	11.00	3.38
			celloflake + 5 pps gilsonite + 10% gel				
			+ 0.5% extender				
	TAIL	5,090'	50/50 Poz/G + 10% salt + 2% gel	1420	60%	14.30	1.31
			+ 1% R-3				

\*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 / Grant Schluender

DRILLING SUPERINTENDENT: \_\_\_\_\_ DATE: \_\_\_\_\_  
 John Merkel / Lovel Young

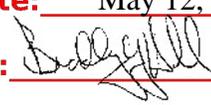
<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-0464	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>	
<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES	
<b>8. WELL NAME and NUMBER:</b> NBU 1022-06ET	
<b>9. API NUMBER:</b> 43047401560000	
<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES	
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	
<b>PHONE NUMBER:</b> 720 929-6587 Ext	
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 2437 FNL 0614 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNW Section: 06 Township: 10.0S Range: 22.0E Meridian: S	
<b>COUNTY:</b> UINTAH	
<b>STATE:</b> UTAH	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 5/11/2009	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input 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 checked="" type="checkbox"/> OTHER	OTHER: _____

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

An APD for this location was submitted to the BLM and UDOGM and was assigned API 49-047-40156. UDOGM approved their portion of the APD on June 18, 2008, and the BLM approved their portion of the APD on November 18, 2008. Kerr-McGee Oil & Gas Onshore LP (KMG) respectfully requests to change the surface location of this well due to a new rig configuration. The surface location is changing FROM: 2475' FNL 628' FWL TO: 2437' FNL 614 FWL All other information as originally submitted remains the same. No additional surface disturbance from that amount approved in the original APD is anticipated. If you have any questions, please contact the undersigned.

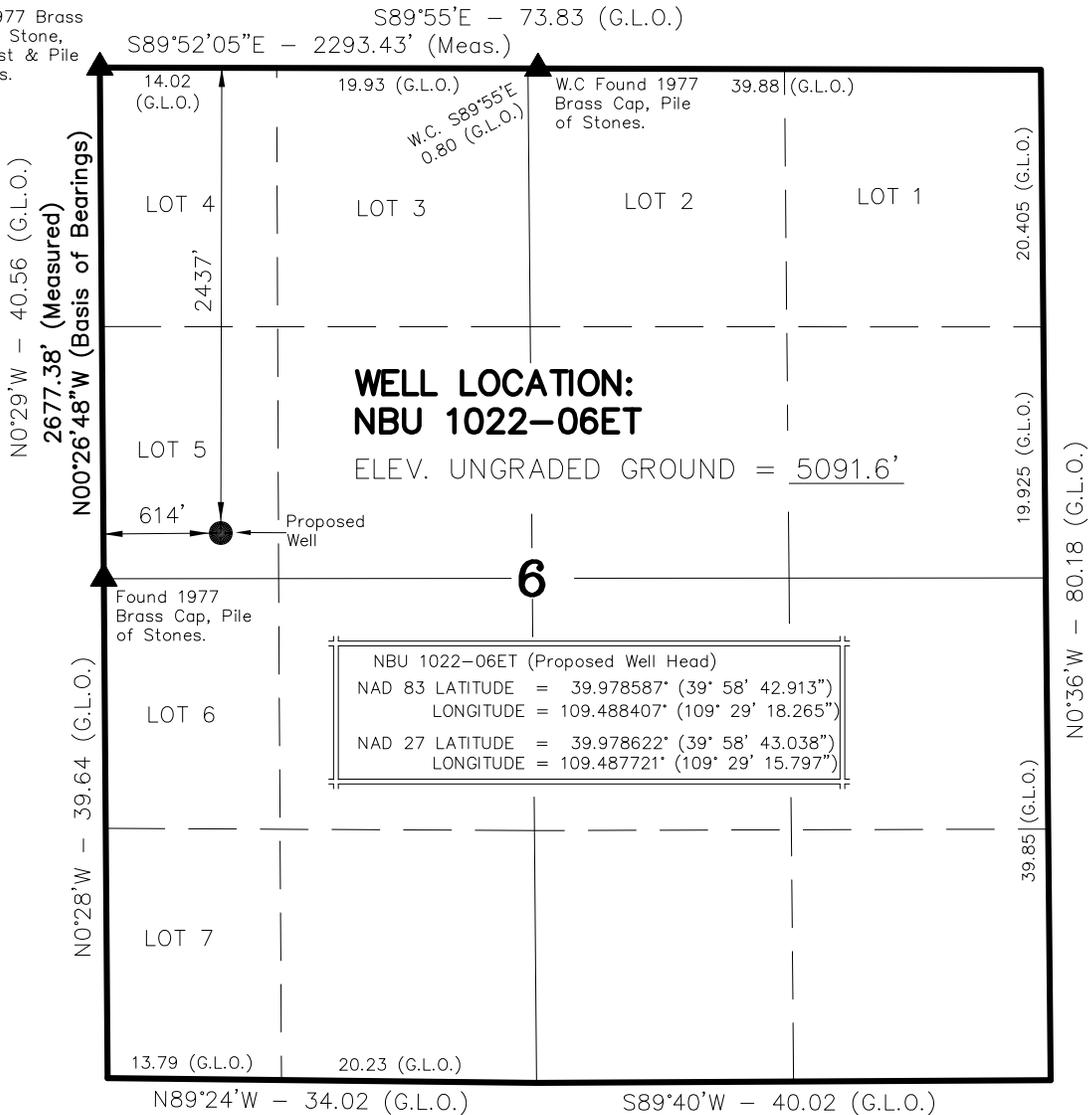
**Approved by the Utah Division of Oil, Gas and Mining**  
**Date:** May 12, 2009  
**By:** 

Thank you.

<b>NAME (PLEASE PRINT)</b> Kathy Schneebeck-Dulnoan	<b>PHONE NUMBER</b> 720 929-6007	<b>TITLE</b> Staff Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/7/2009	

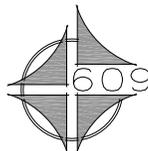
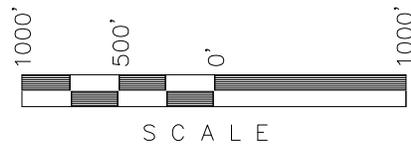
# T10S, R22E, S.L.B.&M.

Found 1977 Brass Cap, Set Stone, Steel Post & Pile of Stones.



**NOTES:**

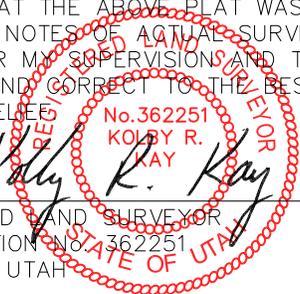
- ▲ = Section Corners Located
- 1. Well footages are measured at right angles to the Section Lines.
- 2. G.L.O. distances are shown in feet or chains. 1 chain = 66 feet.
- 3. Bearings are based on Global Positioning Satellite observations.
- 4. Basis of elevation is Tri-Sta "Two Water" located in the NW ¼ of Section 1, T10S, R21E, S.L.B.&M. The elevation of this Tri-Sta is shown on the Big Pack Mtn NE 7.5 Min. Quadrangle as being 5238'.



SURVEYOR'S CERTIFICATE

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

REGISTERED LAND SURVEYOR  
REGISTRATION No. 362251  
STATE OF UTAH



**Kerr-McGee  
Oil & Gas Onshore, LP**  
1099 18th Street, Suite 1200 - Denver, Colorado 80202

**NBU 1022-06ET  
WELL PLAT  
2437' FNL, 614' FWL  
LOT 5 OF SECTION 6, T10S, R22E,  
S.L.B.&M. UINTAH COUNTY, UTAH.**

CONSULTING, LLC  
371 Coffeen Avenue  
Sheridan WY 82801  
Phone 307-674-0609  
Fax 307-674-0182

**TIMBERLINE** (435) 789-1365  
**ENGINEERING & LAND SURVEYING, INC.**  
209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED: 06-02-08	SURVEYED BY: M.S.B.	<b>SHEET</b>
DATE DRAWN: 06-04-08	DRAWN BY: M.W.W.	<b>2</b>
SCALE: 1" = 1000'	Date Last Revised: 03-20-09	<b>OF 7</b>

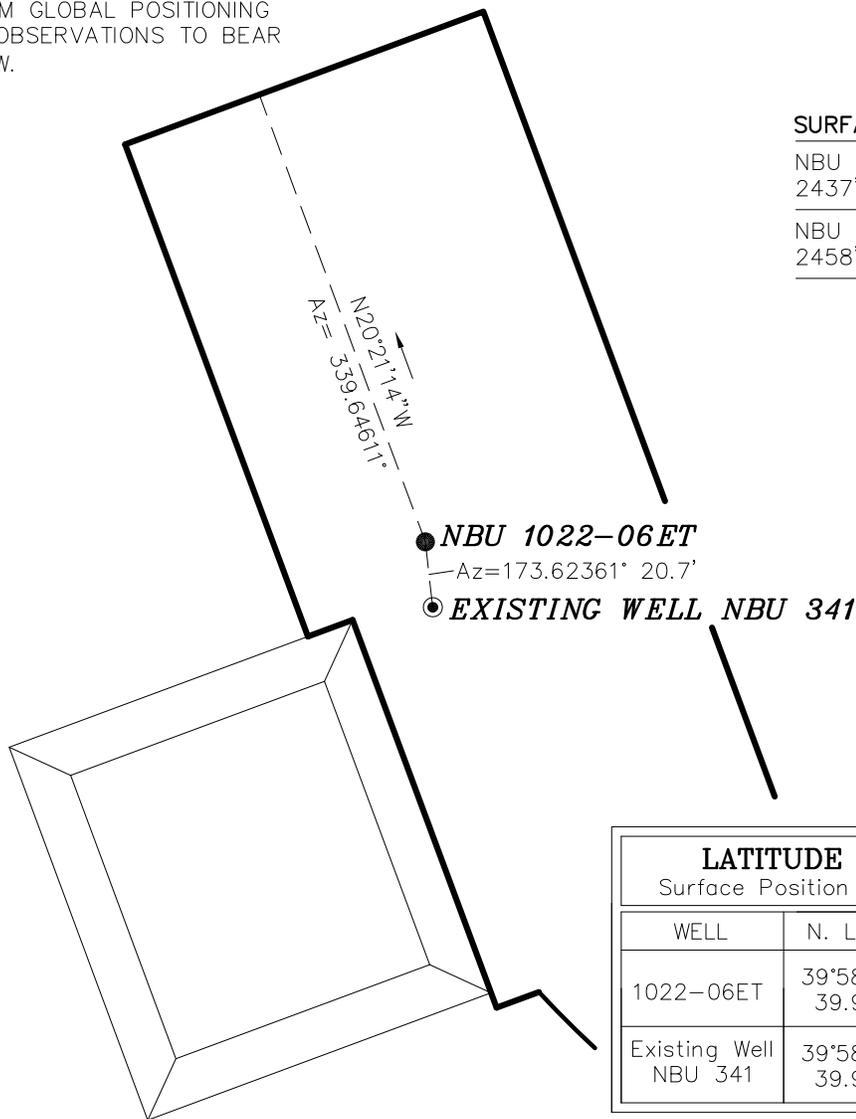
**RECEIVED** May 07, 2009

# WELL PAD INTERFERENCE PLAT

NBU 1022-06ET



BASIS OF BEARINGS IS THE WEST LINE OF THE NW 1/4 OF SECTION 6, T10S, R22E, S.L.B.&M. WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR N00°26'48"W.



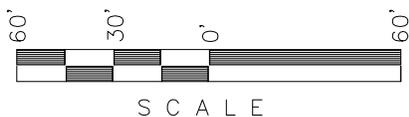
**SURFACE FOOTAGES:**

NBU 1022-06ET  
2437' FNL & 614' FWL

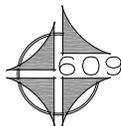
NBU 341 (Existing Well Head)  
2458' FNL & 616' FWL

LATITUDE & LONGITUDE		
Surface Position - (NAD 83)		
WELL	N. LATITUDE	W. LONGITUDE
1022-06ET	39°58'42.913" 39.978587°	109°29'18.265" 109.488407°
Existing Well NBU 341	39°58'42.710" 39.978530°	109°29'18.234" 109.488398°

LATITUDE & LONGITUDE		
Surface Position - (NAD 27)		
WELL	N. LATITUDE	W. LONGITUDE
1022-06ET	39°58'43.038" 39.978622°	109°29'15.797" 109.487721°
Existing Well NBU 341	39°58'42.835" 39.978565°	109°29'15.767" 109.487713°



**Kerr-McGee**  
Oil & Gas Onshore, LP  
1099 18th Street - Denver, Colorado 80202



CONSULTING, LLC  
371 Coffeen Avenue  
Sheridan WY 82801  
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Fax 307-674-0182

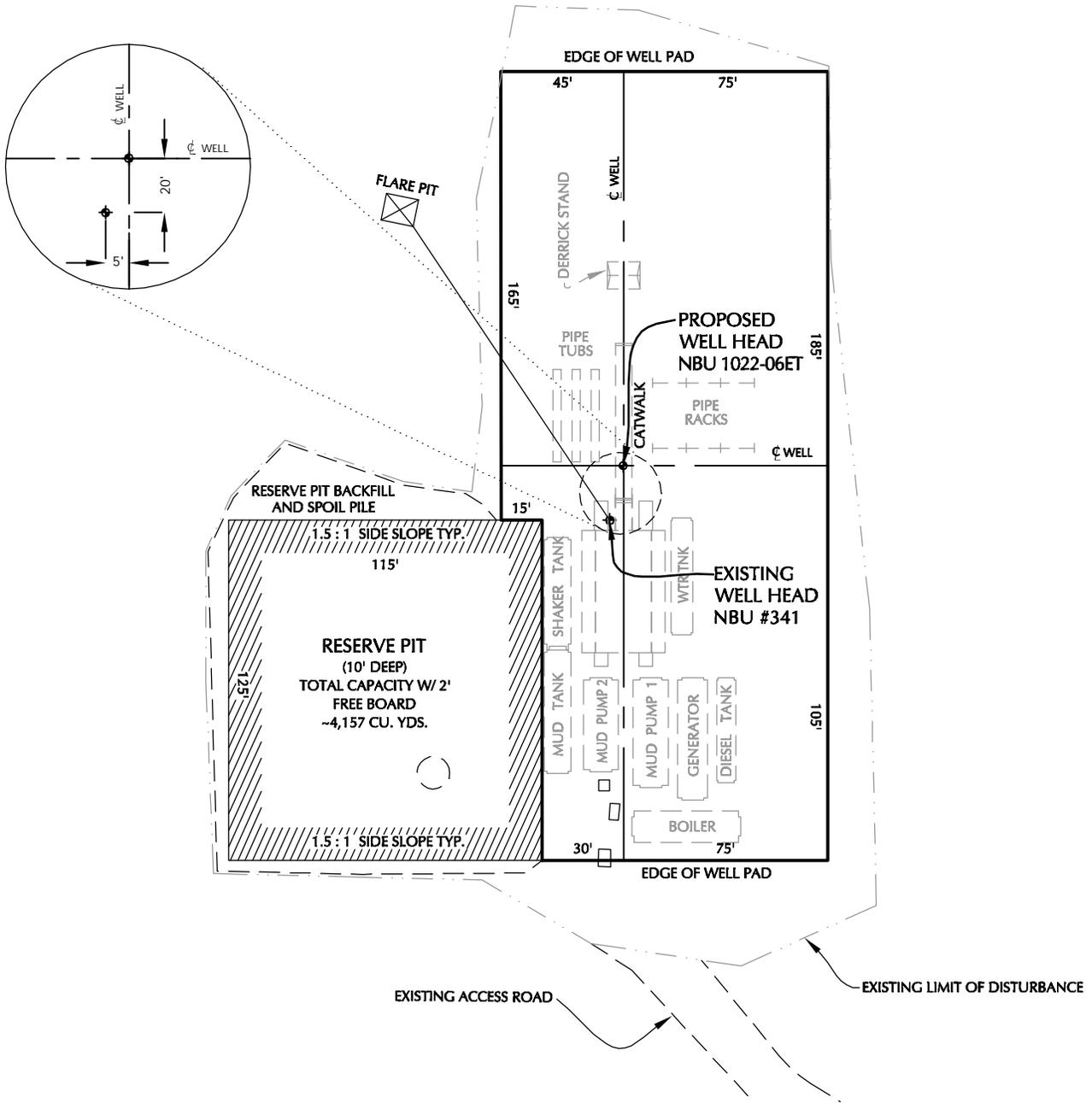
DATE SURVEYED: 06-02-08	SURVEYED BY: M.S.B.
DATE DRAWN: 11-18-08	DRAWN BY: M.W.W.
REVISED: 03-20-09	

**Timberline** (435) 789-1365  
Engineering & Land Surveying, Inc.  
209 NORTH 300 WEST VERNAL, UTAH 84078

SHEET  
**2b**  
OF 7

NBU 1022-06ET  
LOCATED IN SECTION 6, T10S, R22E,  
S.L.B.&M. UINTAH COUNTY, UTAH.

k:\NADARAKO\2008\_19\_Natural\_Buildings\2008\_DEV\DWGS\NBU-WELLPADS\_ACAD\1022-06ET\_WELLPAD.dwg, 5/5/2009 2:40:12 PM, PDF-XChange for Acrobat Pro



**NOTES:**

1. FLARE PIT IS TO BE LOCATED A MIN. OF 100' FROM THE WELL HEAD
2. ELEVATION BASED ON TRI-STA "TWO WATERS" LOCATED IN THE NW1/4 OF SEC. 1, T.10S., R.21E., S.L.B. & M. (THE ELEVATION OF THIS TRI-STA IS SHOWN ON THE BIG PACK MTN. NE 7.5 MIN. QUADRANGLE AS BEING 5,238')
3. NBU 1022-06ET EXISTING GROUND ELEVATION = 5,091.6'

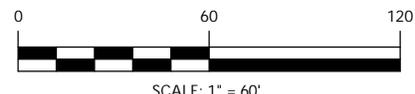
**KERR-MCGEE OIL & GAS  
ONSHORE, LP**

1099 18th Street, Suite 1200 - Denver, Colorado 80202

**NBU 1022-06ET  
LOCATION LAYOUT  
2,437' FNL - 614' FWL  
LOT 5, SEC. 6, T.10S.,R.22E.  
S.L.B. & M., Uintah County, UTAH**



**CONSULTING, LLC**  
371 Coffeen Avenue  
Sheridan WY 82801  
Phone 307-674-0609  
Fax 307-674-0182



SCALE: 1" = 60'

Scale: 1"=60'	Date: 6/6/08	SHEET NO:
REVISED:	GMH 5/5/09	<b>3</b>
		3 OF 7

**RECEIVED** May 07, 2009

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-0464
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> NBU 1022-06ET
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>9. API NUMBER:</b> 43047401560000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6587 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2437 FNL 0614 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNW Section: 06 Township: 10.0S Range: 22.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input checked="" type="checkbox"/> <b>SPUD REPORT</b> Date of Spud: 5/27/2009	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
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	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

**12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.**  
 MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'.  
 RAN 14" 36.7# SCHEDULE 10 PIPE. CMT W/28 SX READY MIX. SPUD WELL LOCATION ON 05/27/2009 AT 12:15 PM.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 May 28, 2009

<b>NAME (PLEASE PRINT)</b> Sheila Upchego	<b>PHONE NUMBER</b> 435 781-7024	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/28/2009	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-0464
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11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 6/1/2009	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
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	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

MIRU PROPETRO AIR RIG ON 05/28/2009. DRILLED 12 1/4" SURFACE HOLE TO 2060'. RAN 9 5/8" 36# J-55 SURFACE CSG. PUMP PRE-FLUSH OF 150 BBLS OF 8.3# H2O. PMP 20 BBLS OF GEL WATER. PMP 225 SX (46 BBLS) PREM CLASS G @15.8 PPG 1.15 YIELD. DROP PLUG ON FLY DISPLACE W/100 BBLS OF 8.3# H2O. BUMP PLUG 100 PSI OF LIFT PSI 600 FLOATS HELD NO CIRC THROUGH OUT. INITIAL TOP OUT W/100 SX PREM CLASS G @15.8 PPG 1.15 YIELD. NO CMT TO SURFACE. 2ND TOP OUT W/125 SX PREM CLASS G @15.8 PPG 1.15 YIELD. NO CMT TO SURFACE. 3RD TOP OUT W/100 SX PREMC CLASS G @15.8 PPG 1.15 YIELD. NO CMT TO SURFACE. REDI-MIX TO SURFACE. WORT

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 June 03, 2009

<b>NAME (PLEASE PRINT)</b> Sheila Upchego	<b>PHONE NUMBER</b> 435 781-7024	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/3/2009	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-0464
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> NBU 1022-06ET
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>9. API NUMBER:</b> 43047401560000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6007 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2437 FNL 0614 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNW Section: 06 Township: 10.0S Range: 22.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 10/25/2009	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input checked="" type="checkbox"/> <b>PRODUCTION START OR RESUME</b>	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

THE SUBJECT WELL WAS PLACED ON PRODUCTION ON 10/25/2009 AT 12:00 P.M. PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 November 02, 2009

<b>NAME (PLEASE PRINT)</b> Andy Lytle	<b>PHONE NUMBER</b> 720 929-6100	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 10/29/2009

**US ROCKIES REGION  
Operation Summary Report**

Well: NBU 1022-6ET		Spud Date: 5/28/2009	
Project: UTAH-UINTAH		Site: NBU 1022-6ET	Rig Name No: PIONEER 69/69, PROPETRO/
Event: DRILLING		Start Date: 4/17/2009	End Date: 7/2/2009
Active Datum: RKB @5,110.00ft (above Mean Sea Level)		UWI: SW/NW/0/10/S/22/E/6/0/0/26/PM/N/2,437.00/W/0/614.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
5/28/2009	8:30 - 10:30	2.00	MIRU	01	B	P		MOVE IN PRO-PETRO RIG #9 AND RIG UP.
	10:30 - 16:00	5.50	DRLSUR	02	A	P		DRILL 40'- 510'. DRILL W/ AIR HAMMER AND AIR MIST. CLEAN HOLE.
	16:00 - 16:30	0.50	DRLSUR	10	B	P		SURVEY W/ MULTISHOT WIRELINE DIR. SURVEY. 500' .5 DEG 86.4 RAW AZI, SF= 10:06 20.34' CENTER TO CENTER
	16:30 - 0:00	7.50	DRLSUR	02	A	P		DRILL 510'- 990' DRILL W/ AIR HAMMER AND AIR MIST.
5/29/2009	0:00 - 1:30	1.50	DRLSUR	02	A	P		DRILL 990'-1030' WITH AIR HAMMER, AIR MIST.
	1:30 - 2:00	0.50	DRLSUR	10	B	P		MULTISHOT WIRELINE SURVEY. SURVEY 1000'= .6 DEG 107 RAW AZI, SF 4.23, CEN TO CEN 17.22'.
	2:00 - 9:30	7.50	DRLSUR	02	A	P		DRILL 1030'-1290' WITH AIR HAMMER, AIR MIST.
	9:30 - 10:00	0.50	DRLSUR	10	B	P		MULTISHOT WIRELINE SURVEY= 1260'=9 DEG, 86.5 RAW AZI, SF 16.09, C TO C= 16.09
	10:00 - 14:00	4.00	DRLSUR	06	A	P		TRIP OUT OF HOLE AND LAY DOWN AIR HAMMER, P/U TRI CONE AND 8"COLLARS, TRIP IN HOLE.
5/30/2009	14:00 - 0:00	10.00	DRLSUR	02	A	P		DRILL 1290'-1470'. DRILL W/ WATER AND AIR.
	0:00 - 9:30	9.50	DRLSUR	02	A	P		DRILL 1470'- 1590', DRILL W/ TRICONE, CIRC W/ SKID PUMP AND AIR BOOSTER, NO RETURNS W/ JUST SKID PUMP. WATER ZONE 1500'
	9:30 - 10:00	0.50	DRLSUR	10	B	P		MULTISHOT SURVEY WIRELINE, 1470'= .8 DEG, 115 RAW AZI, CEN TO CEN= 18.13, SF= 2.889
5/31/2009	10:00 - 0:00	14.00	DRLSUR	02	A	P		DRILL 1590'- 1830'. DRILL W/ TRICONE, CIRC W/ SKID PUMP AND AIR BOOSTER, NO RETURNS W/ JUST SKID PUMP.
	0:00 - 3:00	3.00	DRLSUR	02	A	P		DRILL 1830'-1890' DRILL W/ TRICONE, CIRC W. SKID PUMP AND AIR BOOSTER, NO RETURNS W/ SKID PUMP
	3:00 - 3:30	0.50	DRLSUR	10	B	P		MULTISHOT SURVEY 1770' .8 DEG. RAW AZI 122.2 C TO C= 24.11', SF= 3.115
	3:30 - 8:30	5.00	DRLSUR	02	A	P		DRILL 1830'-1980' DRILL W/ TRICONE, CIRC W. SKID PUMP AND AIR BOOSTER, NO RETURNS W/ SKID PUMP
	8:30 - 11:00	2.50	MAINT	08	A	Z		RIG REPAIR BAD ALTERNATOR, REPLACE
	11:00 - 16:00	5.00	DRLSUR	02	A	P		DRILL 1980'-2060' TD 5/31/2009 DRILL W/ TRICONE, CIRC W. SKID PUMP AND AIR BOOSTER, NO RETURNS W/ SKID PUMP
	16:00 - 16:30	0.50	CSG	05	A	P		CLEAN HOLE W/ BOOSTER
	16:30 - 17:00	0.50	DRLSUR	10	B	P		MULTISHOT SURVEY = .8 DEG RAW AZI= 123.6 C TO C 27.43 SF= 3.212
6/1/2009	17:00 - 0:00	7.00	CSG	06	D	P		LDDS, (INCIDENT, DP ROLLED OFF FLOAT AND STRUCK DRILLER IN FOOT) WHILE TRIPPING OUT FOUND A BROKEN BOX. HAD TO GET WELDER TO REPAIR SO THAT RIG COULD PULL BOX COLLAR OUT OF HOLE.
	0:00 - 2:00	2.00	CSG	12	C	P		46 JTS OF 9 5/8" CSG 36# J-55 LT&C, SET SHOE @ 2019' GL AND FLOAT COLLAR 1974' GL.
	2:00 - 2:30	0.50	CSG	01	E	P		RIG DOWN PROPETRO, RIG UP CEMENTERS

**RECEIVED** October 29, 2009

**US ROCKIES REGION  
Operation Summary Report**

Well: NBU 1022-6ET

Spud Date: 5/28/2009

Project: UTAH-UINTAH

Site: NBU 1022-6ET

Rig Name No: PIONEER 69/69, PROPETRO/

Event: DRILLING

Start Date: 4/17/2009

End Date: 7/2/2009

Active Datum: RKB @5,110.00ft (above Mean Sea Level)

UWI: SW/NW/0/10/S/22/E/6/0/0/26/PM/N/2,437.00/W/0/614.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	2:30 - 3:30	1.00	CSG	12	E	P		PUMP PRE-FLUSH OF 150 BBLs OF 8.3 H2O, PUMP 20 BBLs OF GEL WATER, PUMP 225 SX (46 BBLs) OF 15.8#, 1.15 YD, 5 GAL/SK 2% CALC CEMENT. DROP PLUG ON FLY, DISPLACE CSG W/ 155 BLS OF 8.3# H2O. BUMP PLUG 100 PSI OF LIFT PSI 600. FLOAT HELD. NO CIRC THROUGH OUT.
	3:30 - 5:30	2.00	CSG	12	E	P		INITIAL TOP OUT PUMP 100 SX (21 BBLs) 15.8# 1.15 YD, 5 GAL/SK 4% CALC, NO CEMENT TO SURFACE.
	5:30 - 8:00	2.50	CSG	12	E	P		TOP OUT #2 PUMP 125 SX (26 BBLs) 15.8# 1.15 YD, 5 GAL/SK. 4% CALC, NO CEMENT TO SURFACE
	8:00 - 9:30	1.50	CSG	12	E	P		TOP OUT # 3 PUMP 100 SX(21 BBLs) 15.8# 1.15 YD, 5 GAL/SK. 4 % CALC, NO CEMENT TO SURFACE. REDI-MIX TO SURFACE.
6/22/2009	15:00 - 0:00	9.00	DRLPRO	01	A	P		MIRT, RURT
6/23/2009	0:00 - 6:00	6.00	DRLPRO	21	C	P		WAIT ON DAYLIGHT
	6:00 - 11:00	5.00	DRLPRO	01	A	P		MIRT,RURT
	11:00 - 22:30	11.50	DRLPRO	01	B	P		RURT
6/24/2009	22:30 - 0:00	1.50	DRLPRO	14	A	P		N/U BOP
	0:00 - 1:30	1.50	DRLPRO	14	A	P		N/U BOP
	1:30 - 6:00	4.50	DRLPRO	15	A	P		TEST BOP, RAMS & ALL VALVES 250-LOW,5000 HIGH,ANN 250-2500, CASING 1500 F/ 30 MIN'S HELD SAFETY MEETING. RIG UP KIMZEY,PICK UP BHA,DIRECTIONAL TOOLS & 43 JT DP TO 1900',RIG DOWN .
	6:00 - 12:30	6.50	DRLPRO	06	A	P		SLIP & CUT 115' DRLG LINE
	12:30 - 13:30	1.00	DRLPRO	09	A	P		DRILL CMT,FLOAT EQUIPMENT & 46' OPEN HOLE TO 2078'. SPUD @ 2078' 06/24/2009 CMT TOP 1938', FLOAT 1990' , SHOE 2032'
	13:30 - 16:00	2.50	DRLPRO	02	F	P		DRILL 2078' - 2985' 907', 113.3 FPH, RPM 50, MRPM 104, SPM 125, GPM 473, UP/DN/ROT 83/75/80, ON/OFF PSI 1372/ 1244, DIFF PSI 128, VIS 26, MW 8.6 SWEEPING HOLE, SLIDE 2195' - 2203', 2321' - 2329'
6/25/2009	0:00 - 13:30	13.50	DRLPRO	02	D	P		DRILL SLIDE & SURVEY 2985' - 4314' 1329', 98.4 FPH, WOB 18,MRPM 104, SPM 125, GPM 473, PU/SO/ROT 120/110/115, ON/OFF PSI 1420/1220, DIFF PSI 200, VIS 26, MW 8.5 SLIDE 3555'-3563' 3682' - 3690'
	13:30 - 14:00	0.50	DRLPRO	07	A	P		RIG SERVICE
	14:00 - 0:00	10.00	DRLPRO	02	D	P		DRILL 4314' - 5137' 823' 82.3 FPH, RPM 50, MRPM 104, SPM 125, GPM 473, PU/SO/ROT 125/115/120, ON OFF PSI 1495/1325, DIFF PSI 170, VIS 26, MW 8.5 SLIDE 4472'- 4482' 4599'-4609' 4726'-4736' 4852' - 4862' 4979' - 4987'
6/26/2009	0:00 - 16:30	16.50	DRLPRO	02	D	P		DRILL 5137' - 6307' 1170', 70.9 FPH, WOB 20, RPM 50, MRPM 104, SPM 125, GPM 473, UP/DN/ROT 145/136/141, ON/OFF PSI 1765/1495, DIFF PSI 270, VIS 31, MW 9.0
	16:30 - 17:00	0.50	DRLPRO	07	A	P		RIG SERVICE
	17:00 - 0:00	7.00	DRLPRO	02	D	P		DRILL 6307' - 6608' 301' 43.0 FPH, WOB 22, RPM 50, MRPM 104, SPM 125, GPM 473, PU/SO/ROT 155/135/142 ON/OFF PSI 1866/1684, DIFF PSI 182, VIS 32, MW 9.4
6/27/2009	0:00 - 14:00	14.00	DRLPRO	02	D	P		DRILL 6608' - 7252' 644' 46.0 FPH, WOB 22, RPM 50, MRPM 104, SPM 125, GPM 473, PU/SO/ROT 159/150/155, ON/OFF PSI 2231/1988, DIFF PSI 243, VIS 35, MW 10.1

**RECEIVED** October 29, 2009

**US ROCKIES REGION  
Operation Summary Report**

Well: NBU 1022-6ET

Spud Date: 5/28/2009

Project: UTAH-UINTAH

Site: NBU 1022-6ET

Rig Name No: PIONEER 69/69, PROPETRO/

Event: DRILLING

Start Date: 4/17/2009

End Date: 7/2/2009

Active Datum: RKB @5,110.00ft (above Mean Sea Level)

UWI: SW/NW/0/10/S/22/E/6/0/0/26/PM/N/2,437.00/W/0/614.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	14:00 - 15:00	1.00	DRLPRO	22	G	X		LOST FULL RETURNS, MIX LCM TO 8% & REGAIN RETURNS. 125 BBL LOSS, SHAKERS BY PASSED
	15:00 - 16:30	1.50	DRLPRO	02	D	P		DRILL 7252' - 7319' 67' 44.6 FPH, WOB 22, RPM 50, MRPM 104, SPM 125, GPM 473, PU/SO/ROT 159/150/155, ON/OFF PSI 2022/1758, DIFF PSI 264, VIS 35, MW 9.8, LCM 6%
	16:30 - 17:00	0.50	DRLPRO	07	A	P		RIG SERVICE
	17:00 - 20:30	3.50	DRLPRO	02	D	P		DRILL 7319' - 7506' 187' 53.4 FPH, WOB 22, RPM 50, MRPM 104, SPM 125, GPM 473, PU/SO/ROT 162/153/158, ON/OFF PSI 2282/1935, DIFF PSI 347, VIS 33, MW 10.1, 6% LCM
	20:30 - 22:00	1.50	DRLPRO	08	B	Z		WORK ON # 1 & 2 MUD PUMPS
	22:00 - 0:00	2.00	DRLPRO	02	D	P		DRILL 7506' - 7581' 75' 37.5 FPH, WOB 22, RPM 50, MRPM 104, SPM 125, GPM 473, PU/SO/ROT 165/158/162, ON/OFF PSI 2470/1989, DIFF PSI 481, VIS 35, 10.3, LCM 4%
6/28/2009	0:00 - 13:30	13.50	DRLPRO	02	D	P		DRILL 7581' - 8332' 751' 55.6 FPH, WOB 22, RPM 50, MRPM 104, SPM 125, GPM 473, PU/SO/ROT 170/155/162, ON/OFF PSI 2550/2150, DIFF PSI 400, VIS 40, MW 10.9, LCM 10%
	13:30 - 14:00	0.50	DRLPRO	07	A	P		RIG SERVICE
	14:00 - 21:00	7.00	DRLPRO	02	D	P		DRILL & RAISE MUD WT TO MAINTAIN GAS 8332' - 8586' 254' 36.2 FPH, WOB 24, RPM 45, MRPM 104, SPM 125, GPM 473, PU/SO/ROT 175/165/170, ON/OFF PSI 2811/2563, DIFF PSI 248, VIS 40, MW 11.6, LCM 6%
	21:00 - 23:00	2.00	DRLPRO	05	C	P		CIRCULATE F/ BIT TRIP, WAIT ON BAR, MIX & PUMP PILL
	23:00 - 0:00	1.00	DRLPRO	06	A	P		TFNB, ATTEMPT TO FILL HOLE, NO RETURNS, TIH & ATTEMP TO CIRC. NO RETURNS 196 BBL LOSS
6/29/2009	0:00 - 17:00	17.00	DRLPRO	22	G	P		CIRC & CONDITION HOLE FOR LOSS CIRCULATION & MAINTAIN GAS. 835 BBL MUD LOSS 45 VIS, 12.1 MW, 25% LCM
	17:00 - 22:30	5.50	DRLPRO	06	A	P		TOOH, LAYDOWN DIRECTIONAL TOOLS & BENT MOTOR
	22:30 - 0:00	1.50	DRLPRO	06	A	P		PICK UP STRAIGHT MOTOR & HUGHES Q506X BIT, TIH
6/30/2009	0:00 - 3:00	3.00	DRLPRO	06	A	P		TIH, BREAK CIRC @ SHOE, 3133', 5291', 8533'
	3:00 - 4:00	1.00	DRLPRO	05	B	P		CIRC OUT GAS, MIX LCM & BAR 7493 UNITS GAS W/ 30' FLARE
	4:00 - 4:30	0.50	DRLPRO	03	E	P		WASH & REAM 25' TO BOTTOM
	4:30 - 15:00	10.50	DRLPRO	02	B	P		DRILL 8586' - 9045' 459' TOTAL 43.7 FPH, WOB 22, RPM 45, MRPM 68, SPM 112, GPM 424, PU/SO/ROT 179/172/173, ON/OFF PSI 2380/2055, DIFF PSI 325, VIS 46, MW 12.1, LCM 25%
	15:00 - 15:30	0.50	DRLPRO	07	A	P		RIG SERVICE
	15:30 - 21:00	5.50	DRLPRO	02	B	P		DRILL 9045' - 9220' 175' 31.8 FPH, WOB 24, RPM 55, MRPM 68, SPM 112, GPM 424, UP/DN/ROT 179/171/168 ON/OFF PSI 2765/2298, DIFF PSI 467, VIS 45, MW 12.1, LCM 25%
	21:00 - 22:00	1.00	DRLPRO	05	C	P		CIRC F/ SHORT TRIP
	22:00 - 22:30	0.50	DRLPRO	06	E	P		SHORT TRIP 12 STDS TO 8437'
	22:30 - 0:00	1.50	DRLPRO	05	C	P		CIRC TO LDDS
7/1/2009	0:00 - 7:30	7.50	DRLPRO	06	A	P		HELD SAFETY MEETING. LDDS W/ KIMZEY, PULL WEAR RING
	7:30 - 16:30	9.00	DRLPRO	11	G	P		HELD SAFETY MEETING. RIG UP BAKER & RUN LOGGS, CONTINOUS TOOL FAILER. RELEASE BAKER
	16:30 - 17:30	1.00	DRLPRO	12	A	P		HELD SAFETY MEETING. RIG UP KIMZEY CSG CREW

RECEIVED October 29, 2009

**US ROCKIES REGION  
Operation Summary Report**

Well: NBU 1022-6ET		Spud Date: 5/28/2009	
Project: UTAH-UINTAH		Site: NBU 1022-6ET	Rig Name No: PIONEER 69/69, PROPETRO/
Event: DRILLING		Start Date: 4/17/2009	End Date: 7/2/2009
Active Datum: RKB @5,110.00ft (above Mean Sea Level)		UWI: SW/NW/0/10/S/22/E/6/0/0/26/PM/N/2,437.00/W/0/614.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	17:30 - 0:00	6.50	DRLPRO	12	C	P		RUN 9205' 4.5 PRODUCTION CSG, PICK UP MANDREL & HANG JOINT,RIG UP RIG CIRC SWEDGE
7/2/2009	0:00 - 6:00	6.00	DRLPRO	12	E	P		HELD SAFETY MEETING, SWITCH TO BJ HEAD & PSI TEST TO 4500. PUMP 40 BBLS FRESH WATER, PUMP LEAD 201.15 BBLS, 515 SCKS PREMIUM LITE 11 CEMENT @ 12.1 PPG, 2.19 cF/SACK YIELD, PUMP TAIL 293.87 BBLS, 1260 SCKS 50:50:2 POZ MIX CEMENT @ @ 14.3 PPG, 1.31 cF/SACK YIELD, FLUSH LINES & DROP PLUG, DISPLACE W/ 136.2 BBLS WATER W/ CLAYTREAT +1 GL MAGNACIDE & CORR INHIBITER, LOST RETURNS 138.0 BBLS IN TO DISPLACEMENT, BUMP PLUG W/ 3170 PSI PLUG HELD, ORIGINAL PUMP PSI 2600, 510 OVER PSI, NO CEMENT BACK TO SURFACE, 2.0 BBLS BLEED OFF, FLUSHED STACKED & SET MANDREL W/ 60 K STRING WT, RIG DOWN BJ.
	6:00 - 10:00	4.00	DRLPRO	14	A	P		NIPPLE DOWN BOP, CLEAN MUD PITS. RELEASE RIG @ 10:00 07/02/2009

**RECEIVED** October 29, 2009

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

Well: NBU 1022-6ET		Spud Date: 5/28/2009	
Project: UTAH-UINTAH		Site: NBU 1022-6ET	Rig Name No: SWABBCO 1/1
Event: COMPLETION		Start Date: 10/19/2009	End Date: 10/27/2009
Active Datum: RKB @5,110.00ft (above Mean Sea Level)		UWI: SW/NW/0/10/S/22/E/6/0/0/26/PM/N/2,437.00/W/0/614.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
10/19/2009	7:00 - 7:15	0.25	COMP	48		P		DAY 1 - JSA & SM. NO H2S PRESENT.
	7:15 - 7:15	0.00	COMP	30	A	P		ROAD RIG FROM NBU 1022-7I TO NBU 1022-6ET. MIRU SERVICE UNIT, SPOT EQUIP. NDWH, NU BOP. PREP & TALLY 2 3/8" TBG.
	10:00 - 10:00	0.00	COMP	31	I	P		PU NC & RIH ON 2 3/8" TBG TO 6300'. POOH W/TBG & STD BK IN DRK. ND BOP, NU FRAC VALVES. SWI
10/20/2009								15:30 - SDFN - PREP WELL TO PT CSG & FRAC VALVES.
	7:00 - 7:15	0.25	COMP	48		P		DAY 2 - JSA & SM. NO H2S PRESENT.
	7:15 - 11:00	3.75	COMP	33	C	P		WHP = 0 PSI. FILL CSG W/TMAC WTR. PRESSURE UP TO 3500 PSI W/RIG PUMP. MIRU B & C QUICK TEST. PT CSG & FRAC VALVES TO 7000 PSI & HOLD FOR 15 MIN. (GOOD TEST). RDMO B & C QUICK TEST.
10/21/2009								MIRU CASEHOLE SOLUTIONS. (STG #1) PU 3 1/8" GNS, 23 GRM, 0.36 HOLE, 90 & 120 DEG PHSG. RIH & PERF THE M.V. @ 9066' - 69', 4 SPF, 9007' - 09', 4 SPF, 8965' - 67', 4 SPF, 8918' - 20', 3 SPF, 8830' - 32', 3 SPF, 40 HOLES. POOH & LD TOOLS. TIE BACK LUBRICATOR. SWI. SDFD. PREP WELL TO FRAC IN AM.
	5:45 - 6:00	0.25	COMP	48		P		DAY 3 - JSA & SM W/SUPERIOR. NO H2S PRESENT.
	6:00 - 7:10	1.17	COMP	36	E	P		MIRU SUPERIOR WELL SERVICES. PT SURFACE EQUIP. TO 8000 PSI. HOLD JSA.
								STG #1) WHP = 1495 PSI, BRK DWN PERF 4.2 BPM @ 4030 PSI. EST INJ RATE 8.5 BPM @ 3389 PSI. ISIP = 2840 PSI, FG = 0.75. PMP 135 BBLS SLK WTR W/10/1000 SCALE INHIBITOR. PMP 90 BBLS 42 BPM @ 4400 PSI. 40/40 PERFS OPEN - 100%. MP 7023 PSI, MR 50.9 BPM, AP 4908 PSI, AR 50.2 BPM, ISIP = 2713 PSI, FG = 0.74, NPI = (-127) PSI. PMPD 906 BBLS SLK WTR, 20,653 LBS OTTOWA SND, 5,672 LBS TLC SND, 26,325 LBS TOTAL SND.
	7:10 - 8:30	1.33	COMP	37	B	P		STG #2) RIH W/3 1/8" GNS, 23 GRM, 0.36 HOLE, 90 & 120 DEG PHSG. SET HALCO 8K CBP @ 8817'. PERF THE M.V. @ 8785' - 87', 4 SPF, 8738' - 41', 4 SPF, 8698' - 8701', 3 SPF, 8638' - 40', 3 SPF, 8583' - 85', 3 SPF, 41 HOLES. (GUN #5 MIS-FIRED - PPOH & RE-ARM GUN #5).

**RECEIVED** October 29, 2009

## US ROCKIES REGION Operation Summary Report

Well: NBU 1022-6ET

Spud Date: 5/28/2009

Project: UTAH-UINTAH

Site: NBU 1022-6ET

Rig Name No: SWABBCO 1/1

Event: COMPLETION

Start Date: 10/19/2009

End Date: 10/27/2009

Active Datum: RKB @5,110.00ft (above Mean Sea Level)

UWI: SW/NW/0/10/S/22/E/6/0/0/26/PM/N/2,437.00/W/0/614.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	8:30 - 10:35	2.08	COMP	36	E	P		STG #2) WHP = 945 PSI, BRK DWN PERF 4.6 BPM @ 4511 PSI. EST INJ RATE 9.8 BPM @ 3896 PSI. ISIP = 3130 PSI, FG = 0.79. PMP 137 BBLS 48 BPM @ 6400 PSI. 35/41 PERFS OPEN - 85%. (SCREENED OUT W/13 BBLS LEFT IN FLUSH. 1100# TLC SND IN CSG. FLOW BACK WELL & RE-FLUSH - 10 BPM @ 3586 PSI, SCREENED OUT A SECOND TIME - FLOW BACK WELL & REFLUSH - 10 BPM @ 3741 PSI. SPEAR HEAD FLUSH W/3 BBLS HCL). MP 7023 PSI, MR 50.9 BPM, AP 4908 PSI, AR 50.2 BPM, ISIP = 2713 PSI, FG = 0.74, NPI = (-127) PSI. PMPD 906 BBLS SLK WTR, 20,653 LBS OTTOWA SND, 5,672 LBS TLC SND, 26,325 LBS TOTAL SND.
	10:35 - 13:10	2.58	COMP	37	B	P		STG #3) RIH W/3 1/8" GNS, 23 GRM, 0.36 HOLE, 90 & 120 DEG PHSG. SET HALCO 8K CBP @ 8533'. PERF THE M.V. @ 8494' - 99', 4 SPF, 8440' - 44', 3 SPF, 8347' - 49', 3 SPF, 8274' - 76', 3 SPF, 44 HOLES.
	13:10 - 14:12	1.03	COMP	36	E	P		STG #3) WHP = 1432 PSI, BRK DWN PERF 4.6 BPM @ 5562 PSI. EST INJ RATE 9.9 BPM @ 3034 PSI. ISIP = 2282 PSI, FG = 0.70. PMP 180 BBLS 52 BPM @ 5000 PSI. 44/44 PERFS OPEN - 100%. MP 5614 PSI, MR 55.8 BPM, AP 4898 PSI, AR 53.1 BPM, ISIP = 2510 PSI, FG = 0.73, NPI = 228 PSI. PMPD 2435 BBLS SLK WTR, 97,395 LBS OTTOWA SND, 5,706 LBS TLC SND, 103,101 LBS TOTAL SND.
	14:12 - 15:20	1.13	COMP	37	B	P		STG #4) RIH W/3 1/8" GNS, 23 GRM, 0.36 HOLE, 90 & 120 DEG PHSG. SET HALCO 8K CBP @ 8248'. PERF THE M.V. @ 8223' - 26', 3 SPF, 8147' - 48', 4 SPF, 8113' - 16', 4 SPF, 8078' - 80', 3 SPF, 8003' - 04', 4 SPF, 7959' - 61', 40 HOLES.
	15:23 - 16:20	0.95	COMP	36	E	P		STG #4) WHP = 1440 PSI, BRK DWN PERF 4.7 BPM @ 2414 PSI. EST INJ RATE 10.6 BPM @ 2368 PSI. ISIP = 1971 PSI, FG = 0.68. PMP 143 BBLS 50 BPM @ 5100 PSI. 40/40 PERFS OPEN - 100%. MP 5581 PSI, MR 55.7 BPM, AP 4985 PSI, AR 53.2 BPM, ISIP = 2443 PSI, FG = 0.74, NPI = 472 PSI. PMPD 1086 BBLS SLK WTR, 36,346 LBS OTTOWA SND, 5,337 LBS TLC SND, 41,083 LBS TOTAL SND.
	16:20 - 17:22	1.03	COMP	37	B	P		STG #5) RIH W/3 1/8" GNS, 23 GRM, 0.36 HOLE, 90 & 120 DEG PHSG. SET HALCO 8K CBP @ 7900'. PERF THE M.V. @ 7866' - 70', 3 SPF, 7772' - 76', 4 SPF, 7710' - 13', 4 SPF, 40 HOLES.
	17:22 - 18:10	0.80	COMP	36	E	P		STG #5) WHP = 1318 PSI, BRK DWN PERF 5 BPM @ 5753 PSI. EST INJ RATE 10.7 BPM @ 3564 PSI. ISIP = 2666 PSI, FG = 0.77. PMP 147 BBLS 50 BPM @ 5000 PSI. 40/40 PERFS OPEN - 100%. MP 6683 PSI, MR 50.5 BPM, AP 4869 PSI, AR 50.2 BPM, ISIP = 2695 PSI, FG = 0.78, NPI = 29 PSI. PMPD 1142 BBLS SLK WTR, 39,872 LBS OTTOWA SND, 4,106 LBS TLC SND, 43,778 LBS TOTAL SND.

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# US ROCKIES REGION

## Operation Summary Report

Well: NBU 1022-6ET

Spud Date: 5/28/2009

Project: UTAH-UINTAH

Site: NBU 1022-6ET

Rig Name No: SWABBCO 1/1

Event: COMPLETION

Start Date: 10/19/2009

End Date: 10/27/2009

Active Datum: RKB @5,110.00ft (above Mean Sea Level)

UWI: SW/NW/0/10/S/22/E/6/0/0/26/PM/N/2,437.00/W/0/614.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	18:10 - 18:10	0.00	COMP	37	B	P		STG #6) RIH W/3 1/8" GNS, 23 GRM, 0.36 HOLE, 90 & 120 DEG PHSG. SET HALCO 8K CBP @ 7614'. PERF THE M.V. @ 7591' - 93', 4 SPF, 7530' - 33', 3 SPF, 7506' - 09', 4 SPF, 7472' - 75', 3 SPF, 38 HOLES. POOH & LD TOOLS - TIE BACK LUBRICATOR.
10/22/2009	6:30 - 6:45	0.25	COMP	48		P		19:00 - SWI - SDFN. PREP TO PERF & FRAC STGS 6 - 9 IN AM.
	6:45 - 7:20	0.58	COMP	36	E	P		DAY 4 - JSA & SM W/SUPERIOR. NO H2S. STG #6) WHP = 1865 PSI, BRK DWN PERF 4.7 BPM @ 4719 PSI. EST INJ RATE 9.8 BPM @ 2735 PSI. ISIP = 2202 PSI, FG = 0.72. PMP 132 BBLS 50 BPM @ 4000 PSI. 38/38 PERFS OPEN - 100%. MP 4800 PSI, MR 51.7 BPM, AP 4347 PSI, AR 51.1 BPM, ISIP = 2367 PSI, FG = 0.75, NPI = 29 PSI. PMPD 1142 BBLS SLK WTR, 39,872 LBS OTTOWA SND, 4,106 LBS TLC SND, 43,778 LBS TOTAL SND.
	7:20 - 8:40	1.33	COMP	37	B	P		STG #7) RIH W/3 1/8" GNS, 23 GRM, 0.36 HOLE, 90 & 120 DEG PHSG. SET HALCO 8K CBP @ 7388'. PERF THE M.V. @ 7360' - 63', 4 SPF, 7302' - 04', 3 SPF, 7248' - 51', 4 SPF, 7202' - 04', 3 SPF, 7142' - 44', 3 SPF, 42 HOLES.
	8:40 - 9:35	0.92	COMP	36	E	P		STG #7) WHP = 194 PSI, BRK DWN PERF 5 BPM @ 3026 PSI. EST INJ RATE 12.5 BPM @ 1863 PSI. ISIP = 1221 PSI, FG = 0.60. PMP 240 BBLS 50 BPM @ 4750 PSI. 42/42 PERFS OPEN - 100%. MP 6475 PSI, MR 54.6 BPM, AP 5478 PSI, AR 51.7 BPM, ISIP = 2627 PSI, FG = 0.79, NPI = 1399 PSI. PMPD 1974 BBLS SLK WTR, 72,294 LBS OTTOWA SND, 5,255 LBS TLC SND, 77,549 LBS TOTAL SND.
	9:35 - 10:38	1.05	COMP	37	B	P		STG #8) RIH W/3 1/8" GNS, 23 GRM, 0.36 HOLE, 90 DEG PHSG. SET HALCO 8K CBP @ 6951'. PERF THE WASATCH @ 6911' - 15', 4 SPF, 6885' - 88', 4 SPF, 6833' - 36', 4 SPF, 40 HOLES.
	10:38 - 11:14	0.60	COMP	36	E	P		STG #8) WHP = 392 PSI, BRK DWN PERF 4.6 BPM @ 1217 PSI. EST INJ RATE 8.5 BPM @ 1785 PSI. ISIP = 1468 PSI, FG = 0.65. PMP 125 BBLS 50 BPM @ 4100 PSI. 40/40 PERFS OPEN - 100%. MP 4226 PSI, MR 51.7 BPM, AP 3710 PSI, AR 50.7 BPM, ISIP = 2246 PSI, FG = 0.76, NPI = 778 PSI. PMPD 1035 BBLS SLK WTR, 40,521 LBS OTTOWA SND, 4,177 LBS TLC SND, 44,710 LBS TOTAL SND.
	11:14 - 13:30	2.27	COMP	37	B	P		STG #9) RIH W/3 1/8" GNS, 23 GRM, 0.36 HOLE, 90 & 120 DEG PHSG. SET HALCO 8K CBP @ 6611'. PERF THE WASATCH @ 6579' - 81', 4 SPF, 6495' - 98', 4 SPF, 6426' - 29', 4 SPF, 6340' - 42', 3 SPF, 42 HOLES. (GUN #3 MIS-FIRED - POOH & RE-ARM GNS 3 & 4)
	13:30 - 14:00	0.50	COMP	36	E	P		STG #9) WHP = 127 PSI, BRK DWN PERF 5.8 BPM @ 1874 PSI. EST INJ RATE 14.3 BPM @ 1820 PSI. ISIP = 1564 PSI, FG = 0.67. PMP 120 BBLS 51 BPM @ 4400 PSI. 38/38 PERFS OPEN - 100%. MP 4528 PSI, MR 51.8 BPM, AP 3681 PSI, AR 51.3 BPM, ISIP = 2089 PSI, FG = 0.76, NPI = 621 PSI. PMPD 1145 BBLS SLK WTR, 48,741 LBS OTTOWA SND, 3,822 LBS TLC SND, 52,593 LBS TOTAL SND.

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

Well: NBU 1022-6ET		Spud Date: 5/28/2009	
Project: UTAH-UINTAH		Site: NBU 1022-6ET	Rig Name No: SWABBCO 1/1
Event: COMPLETION		Start Date: 10/19/2009	End Date: 10/27/2009
Active Datum: RKB @5,110.00ft (above Mean Sea Level)		UWI: SW/NW/0/10/S/22/E/6/0/0/26/PM/N/2,437.00/W/0/614.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	14:00 - 16:15	2.25	COMP	34	I	P		KILL PLUG) RIH W/4 1/2" HALCO 8K CBP & SET @ 6290'. RDMO CASED HOLE SOLUTIONS & SUPERIOR WELL SERVICE.
	16:15 - 18:00	1.75	COMP	31	I	P		ND FRAC VALVES, NU BOP. PU 3 7/8 HURRICANE MILL, POBS & XN NIPPLE. RIH ON 2 3/8" 4.7# J55 TBG. EOT @ 6184'.
								18:00 SWI - SDFN. PREP TO DRLG OUT CBP's IN AM.
10/23/2009	7:00 - 7:15	0.25	COMP	48		P		DAY 5 - JSA & SM. NO H2S PRESENT.

**RECEIVED** October 29, 2009

**US ROCKIES REGION  
Operation Summary Report**

Well: NBU 1022-6ET		Spud Date: 5/28/2009	
Project: UTAH-UINTAH		Site: NBU 1022-6ET	Rig Name No: SWABBCO 1/1
Event: COMPLETION		Start Date: 10/19/2009	End Date: 10/27/2009
Active Datum: RKB @5,110.00ft (above Mean Sea Level)		UWI: SW/NW/0/10/S/22/E/6/0/0/26/PM/N/2,437.00/W/0/614.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:15 - 7:15	0.00	COMP	44	C	P		<p>WHP = 0 PSI. EOT @ 6184'. RU PWR SWVL &amp; PMP. EST CIRC W/TMAC, PT BOP TO 3000 PSI. RIH &amp; TAG FILL @ 6270'. CBP @ 6290'. C/O 20' OF SND.</p> <p>CBP #1) DRLG OUT HALCO CBP @ 6290' IN 25 MIN. 1000 PSI DIFF. RIH &amp; TAG SND @ 6581'. C/O 30' OF SND. FCP = 100 PSI.</p> <p>CBP #2) DRLG OUT HALCO CBP @ 6611' IN 25 MIN. 0 PSI DIFF. RIH &amp; TAG SND @ 6926'. C/O 25' OF SND. FCP = 100 PSI.</p> <p>CBP #3) DRLG OUT HALCO CBP @ 6951' IN 12 MIN. 800 PSI DIFF. RIH &amp; TAG SND @ 7338'. C/O 50' OF SND. FCP = 100 PSI.</p> <p>CBP #4) DRLG OUT HALCO CBP @ 7388' IN 11 MIN. 900 PSI DIFF. RIH &amp; TAG SND @ 7564'. C/O 50' OF SND. FCP = 100 PSI.</p> <p>CBP #5) DRLG OUT HALCO CBP @ 7614' IN 15 MIN. 600 PSI DIFF. RIH &amp; TAG SND @ 7870'. C/O 30' OF SND. FCP = 100 PSI.</p> <p>CBP #6) DRLG OUT HALCO CBP @ 7900' IN 15 MIN. 850 PSI DIFF. RIH &amp; TAG SND @ 8223'. C/O 25' OF SND. FCP = 200 PSI.</p> <p>CBP #7) DRLG OUT HALCO CBP @ 8248' IN 13 MIN. 900 PSI DIFF. RIH &amp; TAG SND @ 8508'. C/O 25' OF SND. FCP = 300 PSI.</p> <p>CBP #8) DRLG OUT HALCO CBP @ 8533' IN 25 MIN. 450 PSI DIFF. RIH &amp; TAG SND @ 8787'. C/O 30' OF SND. FCP = 350 PSI.</p> <p>CBP #9) DRLG OUT HALCO CBP @ 8817' IN 15 MIN. 850 PSI DIFF. RIH &amp; TAG SND @ 9159'. PBSD @ 9159'. C/O 0' OF SND. FCP = 475 PSI. CIRC WELL CLEAN.</p> <p>RD PWR SWVL, RU TBG EQUIP. POOH W/TBG &amp; LD 20 JTS ON FLOAT. (24 JTS TOTAL ON FLOAT). LAND TBG ON HANGER W/271 JTS NEW 2 3/8" 4.7# J55 TBG. ND BOP, DROP BALL, NUWH. PMP OF BIT @ 0000 PSI. WAIT 30 MIN FOR BIT TO FALL TO BTM. TURN WELL TO F.B.T. ON 20 CHOKE. FTP = 000 PSI, SICP = 1850 PSI. (EOT @ 8555.02'. XN NIPPLE @ 8552.82'). TURN WELL TO FLOWBACK CREW.</p> <p>RD SERVICE UNIT. SDFWE.</p> <p>FRAC 11906 BBLS            CLEAN OUT 160 BBLS            TOTAL FLUID 12055 BBLS            RECOVERED 1670 BBLS            LTR 10396 BBLS</p>
10/24/2009	7:00 -			33	A			<p>7 AM FLBK REPORT: CP 2150#, TP 2350#, 20/64" CK, 65 BWPH, MEDIUM SAND, - GAS            TTL BBLS RECOVERED: 2730            BBLS LEFT TO RECOVER: 9336</p>

**RECEIVED** October 29, 2009

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

Well: NBU 1022-6ET Spud Date: 5/28/2009  
 Project: UTAH-UINTAH Site: NBU 1022-6ET Rig Name No: SWABBCO 1/1  
 Event: COMPLETION Start Date: 10/19/2009 End Date: 10/27/2009  
 Active Datum: RKB @5,110.00ft (above Mean Sea Level) UWI: SW/NW/0/10/S/22/E/6/0/0/26/PM/N/2,437.00/W/0/614.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
10/25/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 2500#, TP 2300#, 20/64" CK, 35 BWPH, 1/4 CUP SAND, - GAS TTL BBLS RECOVERED: 3940 BBLS LEFT TO RECOVER: 7089
	12:00 -		PROD	50				WELL TURNED TO SALE @ 1200 HR ON 10/25/09 - FTP 2650#, CP 2700#, 1450 MCFD, 35 BWPD, 20/64 CK
10/26/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 2900#, TP 2300#, 20/64" CK,35 BWPH, TEASP. SAND, - GAS TTL BBLS RECOVERED: 4780 BBLS LEFT TO RECOVER: 6249
10/27/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 2900#, TP 2400#, 20/64" CK,25 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 5680 BBLS LEFT TO RECOVER: 5349
	7:00 -			33	A			7 AM FLBK REPORT: CP 2850#, TP 2250#, 20/64" CK, 30 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 5605 BBLS LEFT TO RECOVER: 5424

**RECEIVED** October 29, 2009

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-0464
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> NBU 1022-06ET
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>9. API NUMBER:</b> 43047401560000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6587 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2437 FNL 0614 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNW Section: 06 Township: 10.0S Range: 22.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input checked="" type="checkbox"/> <b>SPUD REPORT</b> Date of Spud: 5/27/2009	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'.  
 RAN 14" 36.7# SCHEDULE 10 PIPE. CMT W/28 SX READY MIX. SPUD WELL LOCATION ON 05/27/2009 AT 12:15 PM.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 May 28, 2009

<b>NAME (PLEASE PRINT)</b> Sheila Upchego	<b>PHONE NUMBER</b> 435 781-7024	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/28/2009	