

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

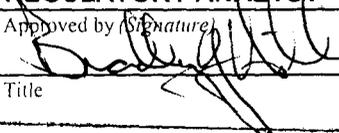
FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-0582
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name TRIBAL SURFACE
2. Name of Operator WESTPORT OIL & GAS COMPANY L.P.		7. If Unit or CA Agreement, Name and No. NATURAL BUTTES UNIT
3A. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078		8. Lease Name and Well No. NBU 920-271
3b. Phone No. (include area code) (435) 781-7024		9. API Well No. 43-047-37905
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NESE 2152'FSL, 491'FEL 615741 X 40.004446		10. Field and Pool, or Exploratory NATURAL BUTTES
At proposed prod. Zone 4428221' -109.644046		11. Sec., T., R., M., or Blk, and Survey or Area SECTION 27-T9S-R20E
14. Distance in miles and direction from nearest town or post office* 7.8 MILES SOUTHEAST OF OURAY, UTAH		12. County or Parish UINTAH
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 491'		13. State UTAH
16. No. of Acres in lease 1433.57		17. Spacing Unit dedicated to this well 40.00
18. Distance from proposed* location to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C		20. BLM/BIA Bond No. on file CO-1203
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4841'GL		22. Approximate date work will start* UPON APPROVAL
		23. Estimated duration TO BE DETERMINED

24. Attachments

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

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

25. Signature 	Name (Printed/Typed) SHEILA UPCHEGO	Date 2/28/2006
Title REGULATORY ANALYST		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 03-20-06
Title ENVIRONMENTAL MANAGER	Office	

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

Conditions of approval, if any, are attached.

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

*(Instructions on reverse)

**Federal Approval of this
Action is Necessary**

MAR 10 2006

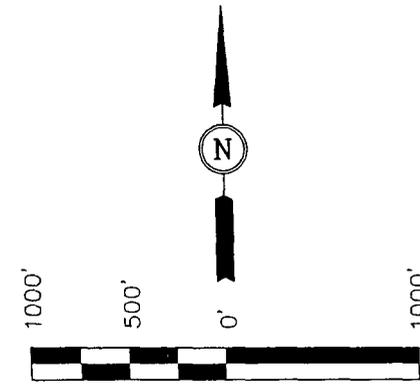
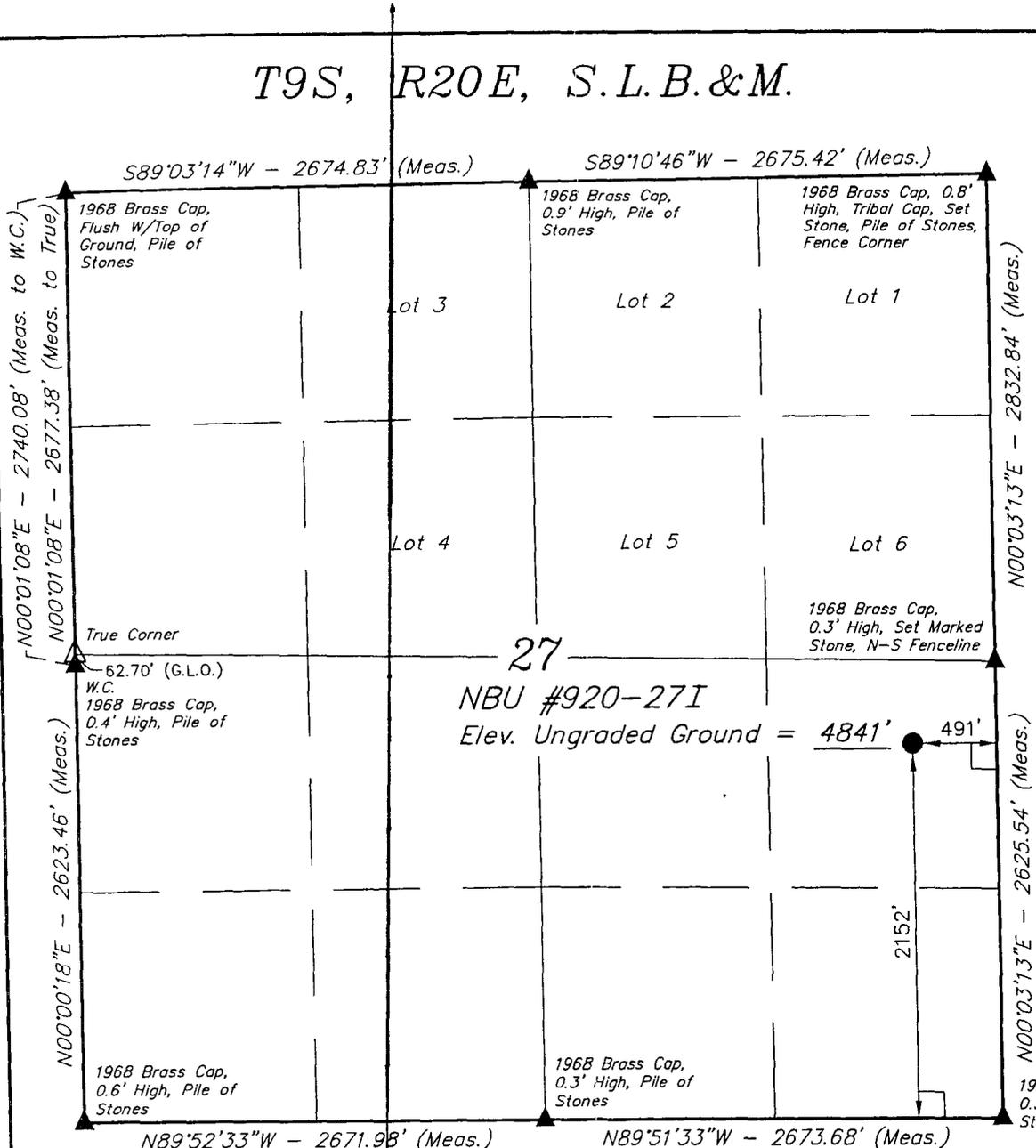
T9S, R20E, S.L.B.&M.

Kerr-McGee Oil & Gas Onshore LP

Well location, NBU #920-27I, located as shown in the NE 1/4 SE 1/4 of Section 27, T9S, R20E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

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



SCALE

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

John A. Kay

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED (Not Set On Ground)

BASIS OF BEARINGS

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

(NAD 83)
LATITUDE = 40°00'16.22" (40.004506)
LONGITUDE = 109°38'40.86" (109.644683)
(NAD 27)
LATITUDE = 40°00'16.35" (40.004542)
LONGITUDE = 109°38'38.37" (109.643992)

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

SCALE 1" = 1000'	DATE SURVEYED: 12-19-05	DATE DRAWN: 1-5-06
PARTY D.K. G.O. K.G.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE Kerr-McGee Oil & Gas Onshore LP	

**NBU 920-271
NESE SEC 27-T9S-R20E
UINTAH COUNTY, UTAH
LEASE NUMBER: UTU-0582**

**ONSHORE ORDER NO. 1
WESTPORT OIL & GAS COMPANY**

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
Green River	1900'
Wasatch	5275'
Mesaverde	8250'
Total Depth	10,300'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1900'
Gas	Wasatch	5275'
Gas	Mesaverde	8250'
Water	N/A	
Other Minerals	N/A	

3. Pressure Control Equipment:

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

4. Proposed Casing & Cementing Program:

Please see the Natural Buttes Unit SOP.

Please refer to the attached Drilling Program.

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 at 10,300' TD approximately equals 6,386 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 4,120 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates & Notification of Operations:**

Please see the Natural Buttes Unit SOP.

9. **Variations:**

Please see the Natural Buttes Unit SOP.

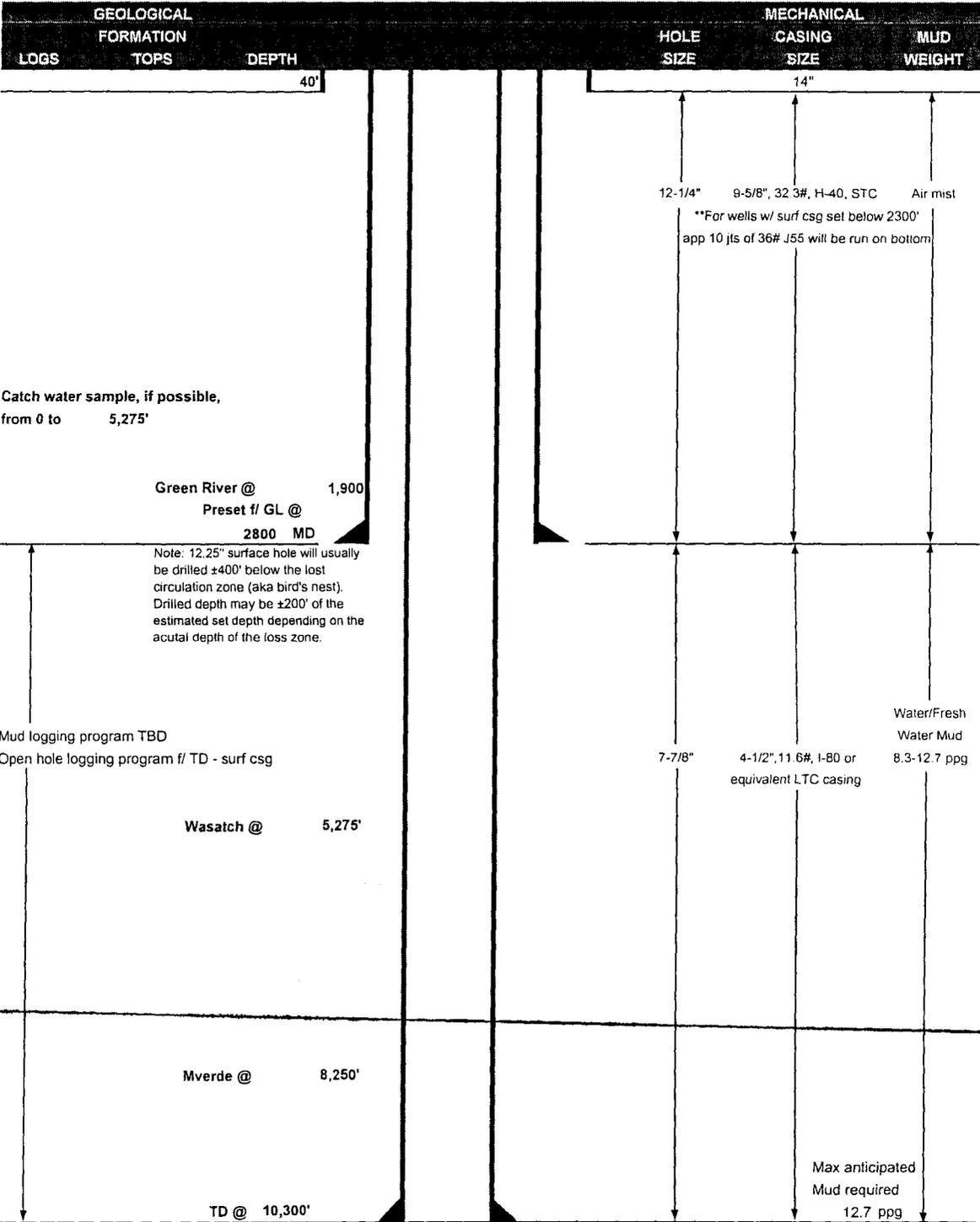
10. **Other Information:**

Please see the Natural Buttes Unit SOP.



KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

COMPANY NAME KERR-McGEE OIL & GAS ONSHORE LP DATE February 28, 2006
 WELL NAME NBU 920-271 TD 10,300' MD/TVD
 FIELD Natural Buttes COUNTY Uintah STATE Utah ELEVATION 4,841' GL KB 4,856'
 SURFACE LOCATION NESE SECTION 27-T9S-R20E 2152'FSL & 491'FEL BHL Straight Hole
 Latitude: 40.004506 Longitude: 109.644683
 OBJECTIVE ZONE(S) Wasatch/Mesaverde
 ADDITIONAL INFO Regulatory Agencies: BLM MINERALS, TRIBAL SURFACE, UDOGM, Tri-County Health Dept.





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

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'						
SURFACE	9-5/8"	0 to 2400	32.30	H-40	STC	2270	1370	254000
						0.50*****	1.22	3.21
PRODUCTION	4-1/2"	2400 to 2800	36.00	J-55	STC	3520	2020	564000
						1.01*****	1.54	7.12
						10690	7560	279000
						2.36	1.11	2.68

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 = 12.7 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 4536 psi
 ***** Burst SF is low but csg is stronger than formation at 2800 feet
 ***** EMW @ 2800 for 2270# is 15.6 ppg or 0.8 psi/ft

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18
Option 1	TOP OUT CMT (1)	250	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	100		15.60	1.18
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
NOTE: If well will circulate water to surface, option 2 will be utilized							
Option 2	LEAD	2000	Prem cmt + 16% Gel + 10 pps gilsonite +.25 pps Flocele + 3% salt BWOC	230	35%	11.00	3.82
	TAIL	500	Premium cmt + 2% CaCl + .25 pps flocele	180	35%	15.60	1.18
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	4,770'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	520	60%	11.00	3.38
	TAIL	5,530'	50/50 Poz/G + 10% salt + 2% gel +.1% R-3	1550	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.

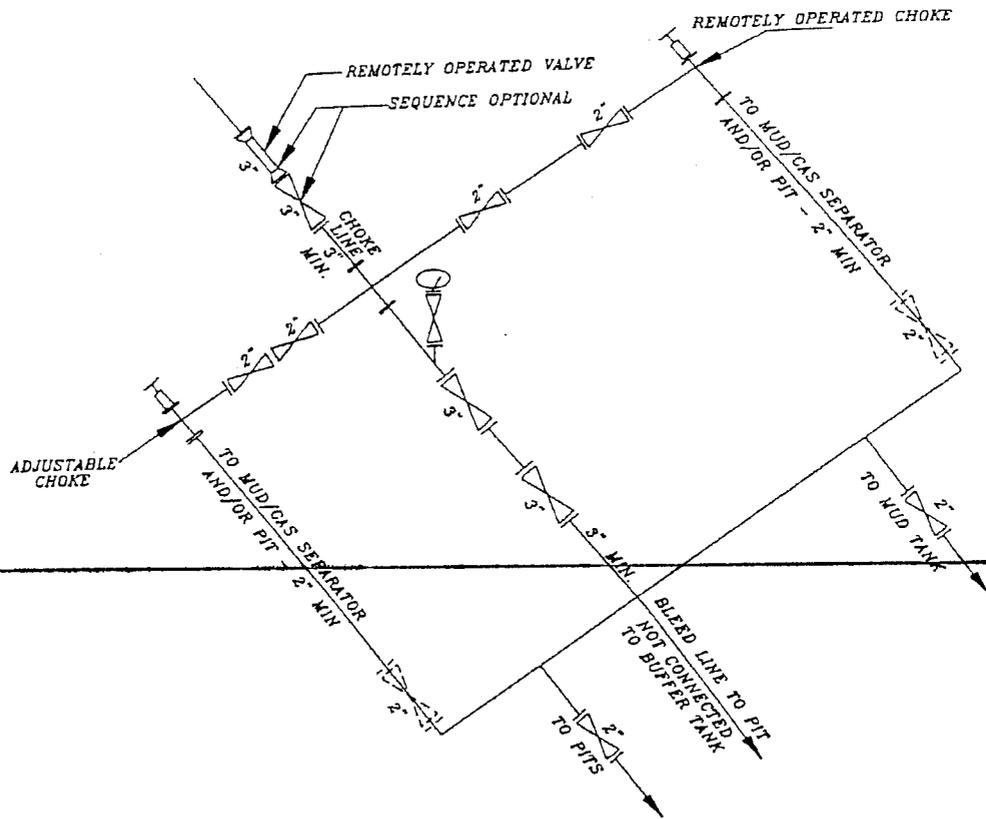
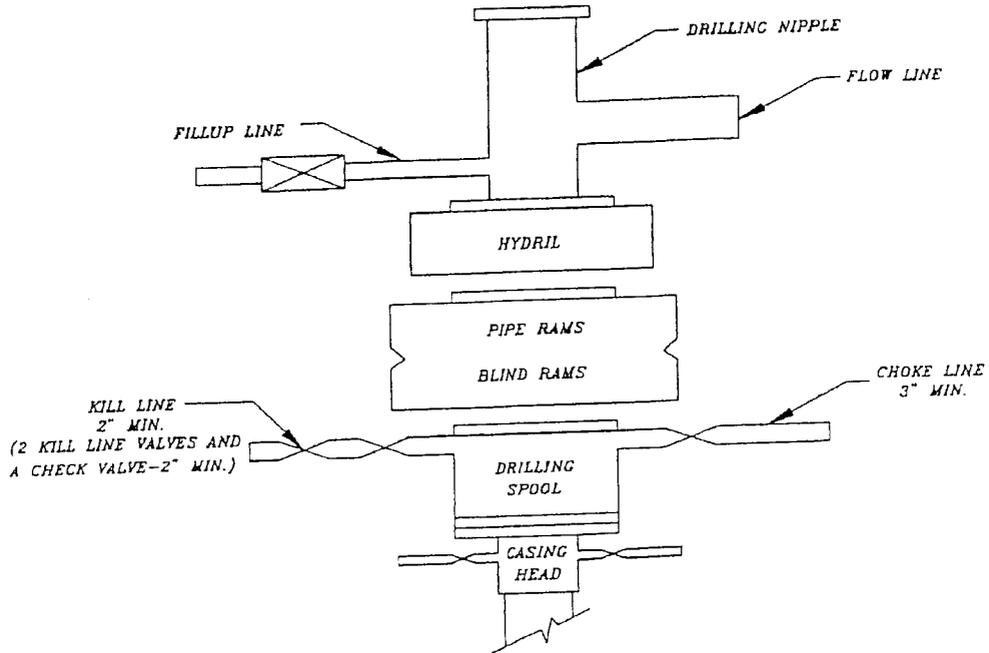
DRILLING ENGINEER: _____
 Brad Laney

DATE: _____

DRILLING SUPERINTENDENT: _____
 Randy Bayne NBU920-27I_P110_APD(pipeline).xls

DATE: _____

5M BOP STACK and CHOKE MANIFOLD SYSTEM



NBU 920-27I
NESE SEC 27-T9S-R20E
UINTAH COUNTY, UTAH
LEASE NUMBER: UTU-0582

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. **Existing Roads:**

Refer to Topo Map A for directions to the location.

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

2. **Planned Access Roads:**

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

Approximately 0.4 +/- Miles of proposed access road. Refer to Topo Map B.

Approximately 0.6 +/- Miles of Re-Habed road needs upgraded. Refer to Topo Map B.

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

Please refer to Topo Map C.

4. **Location of Existing & Proposed Facilities:**

Please see the Natural Buttes Unit SOP.

Refer to Topo Map D for the location of the proposed pipeline.

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

5. **Location and Type of Water Supply:**

Please see the Natural Buttes Unit SOP.

6. **Source of Construction Materials:**

Please see the Natural Buttes Unit SOP.

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

Please see the Natural Buttes Unit SOP.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec 5-T9S-R22E, NBU #159, Sec 35-T9S-

R21E, Ace Oilfield Sec 2-T6S-R20E, MC & MC Sec 12-T6S-R19E., (Requests in lieu of filing Form 3160-5 after initial production).

8. **Ancillary Facilities:**

Please see the Natural Buttes Unit 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).

Culvert(s) will be installed if needed.

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

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

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

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

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

Please see the Natural Buttes Unit SOP.

11. **Surface Ownership:**

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

12. **Other Information:**

A Class III archaeological survey has been conducted for this location and submitted to the Ute Indian Tribe prior to the on-site.

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 Operators's Representative & Certification:

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

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

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

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.

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 terms and conditions of the lease for the operations conducted Upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Kerr-McGee Oil & Gas Onshore LP Bond #N-2115, BLM Nationwide Bond # CO-1203, and BIA Nationwide Bond # RLB0005239.

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


Sheila Upchego

02/28/2006

Date

Kerr-McGee Oil & Gas Onshore LP

NBU #920-27I

SECTION 27, T9S, R20E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 6.4 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE BEGINNING OF A RE-HABED ROAD TO THE EAST; FOLLOW ROAD FLAGS IN AN EASTERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #920-27A TO THE EAST; FOLLOW ROAD FLAGS IN AN EASTERLY DIRECTION APPROXIMATELY 120' TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 38.8 MILES.

Kerr-McGee Oil & Gas Onshore LP

NBU #920-271

LOCATED IN UINTAH COUNTY, UTAH

SECTION 27, T9S, R20E, S.L.B.&M.

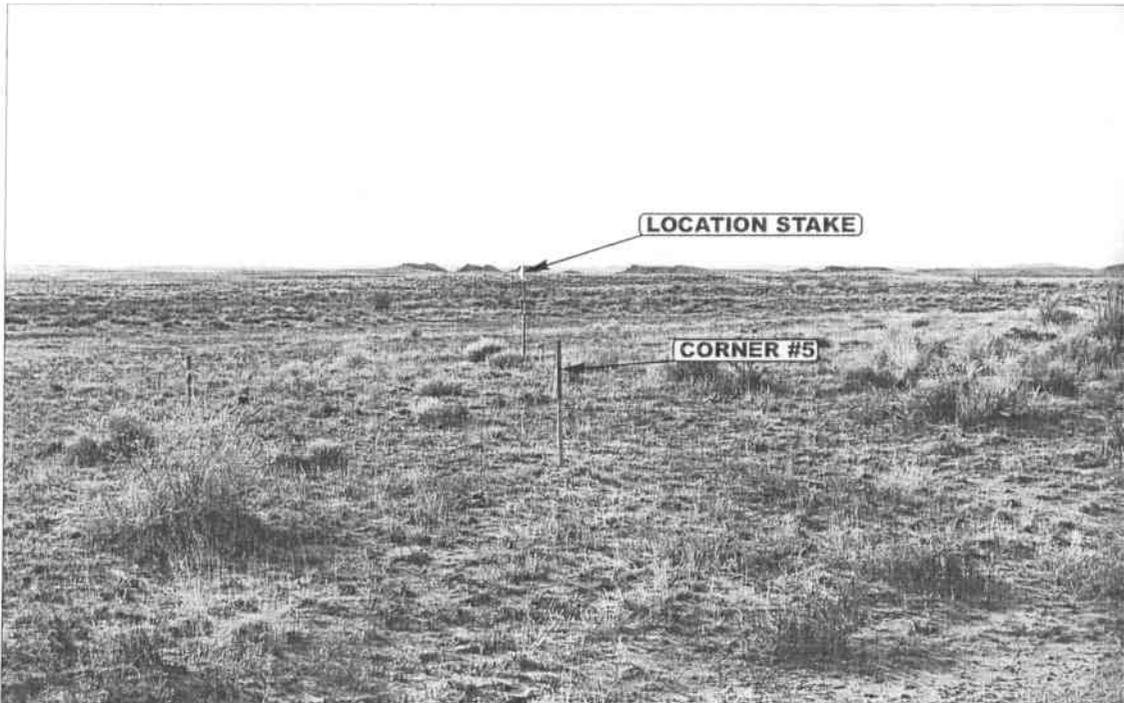


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHERLY



- Since 1964 -

E&LS

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078

435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

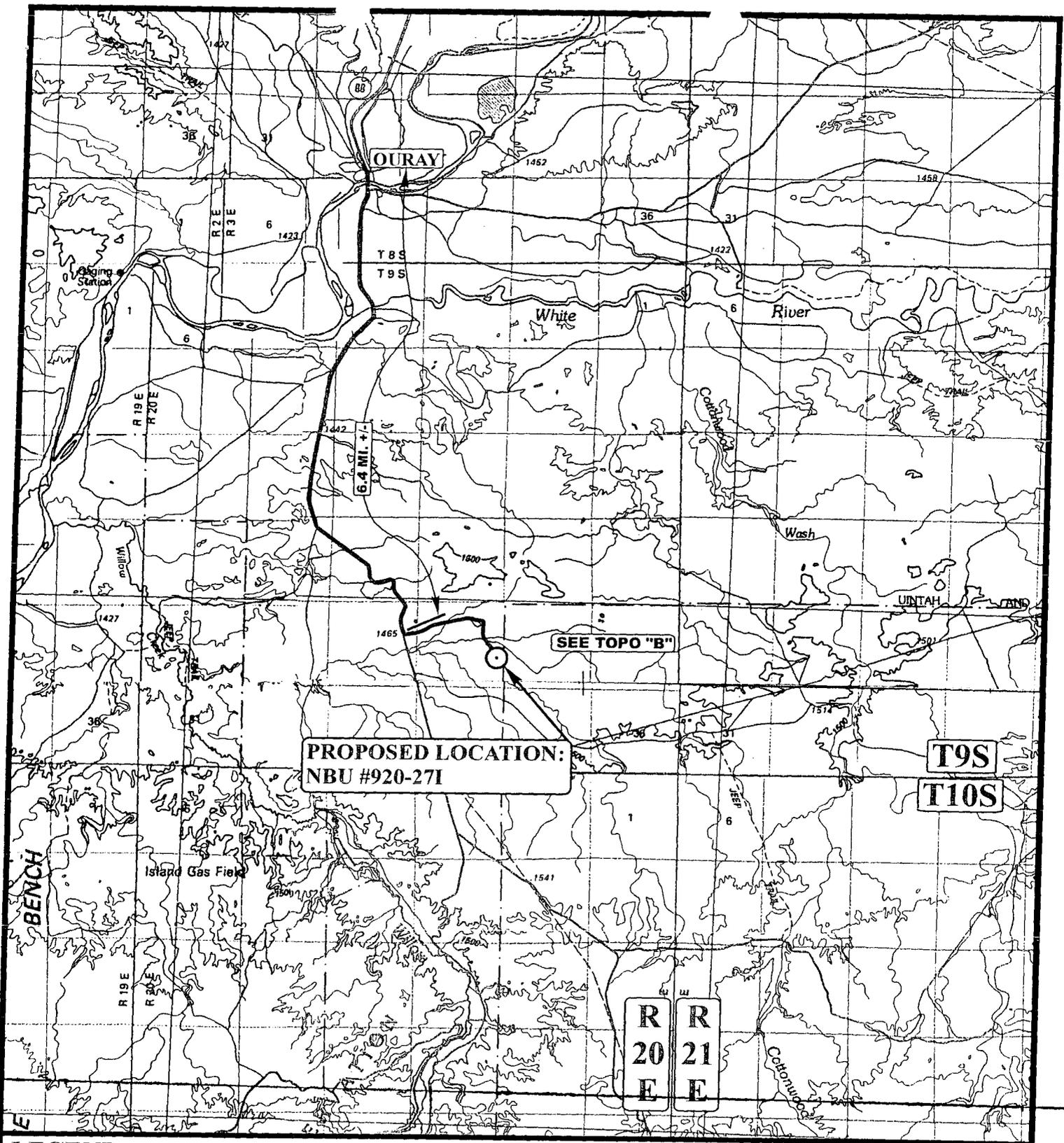
12 28 05
MONTH DAY YEAR

PHOTO

TAKEN BY: D.K.

DRAWN BY: C.P.

REVISED: 00-00-00



**PROPOSED LOCATION:
NBU #920-271**

SEE TOPO "B"

6.4 MI. +/-

**T9S
T10S**

**R R
20 21
E E**

LEGEND:

○ PROPOSED LOCATION



Kerr-McGee Oil & Gas Onshore LP

**NBU #920-271
SECTION 27, T9S, R20E, S.1.B.&M.
2152' FSL 491' FEL**

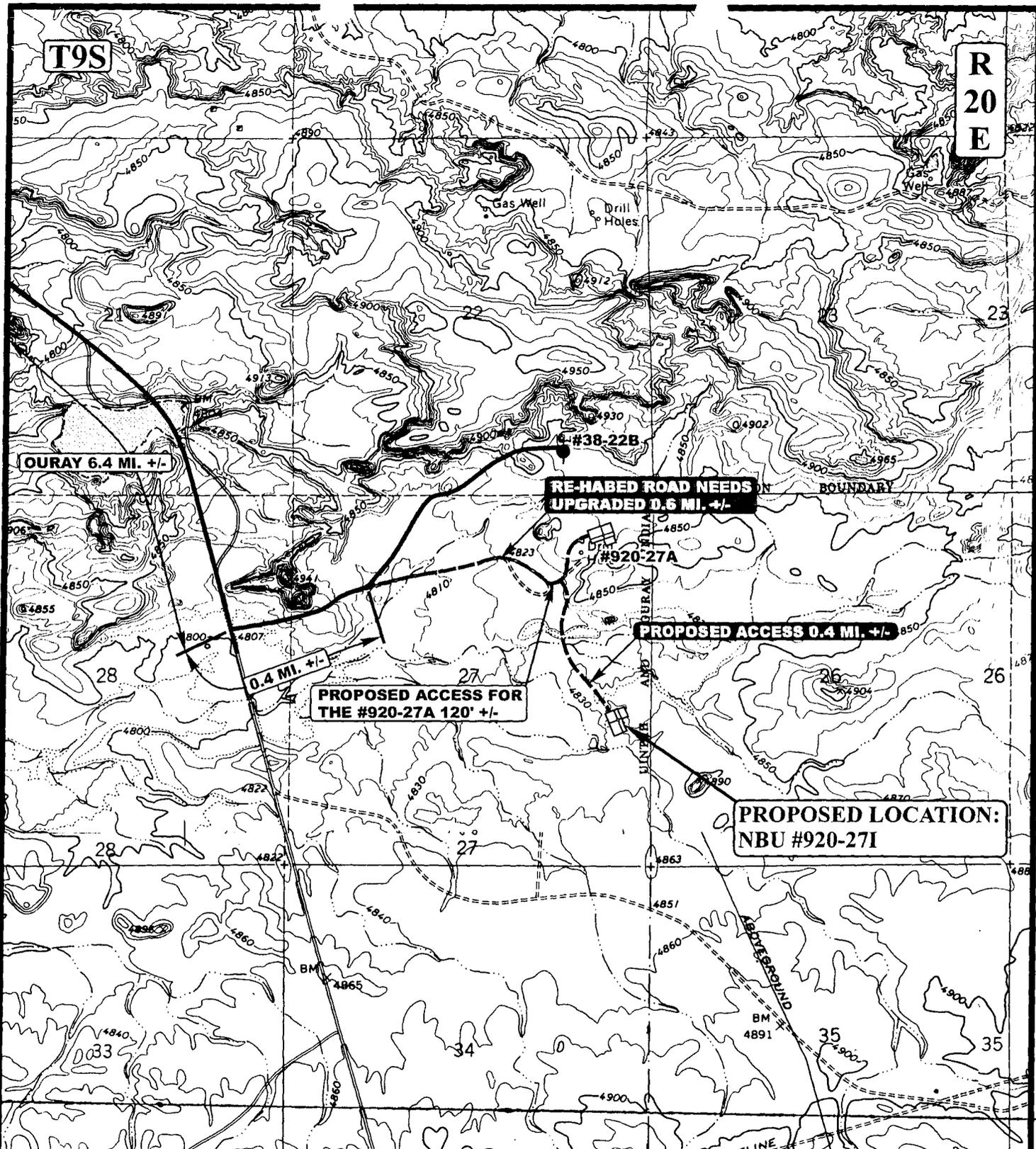


Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP 12 28 05
MONTH DAY YEAR

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





LEGEND:

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD
-  RE-HABED ROAD NEEDS UPGRADED

Kerr-McGee Oil & Gas Onshore LP

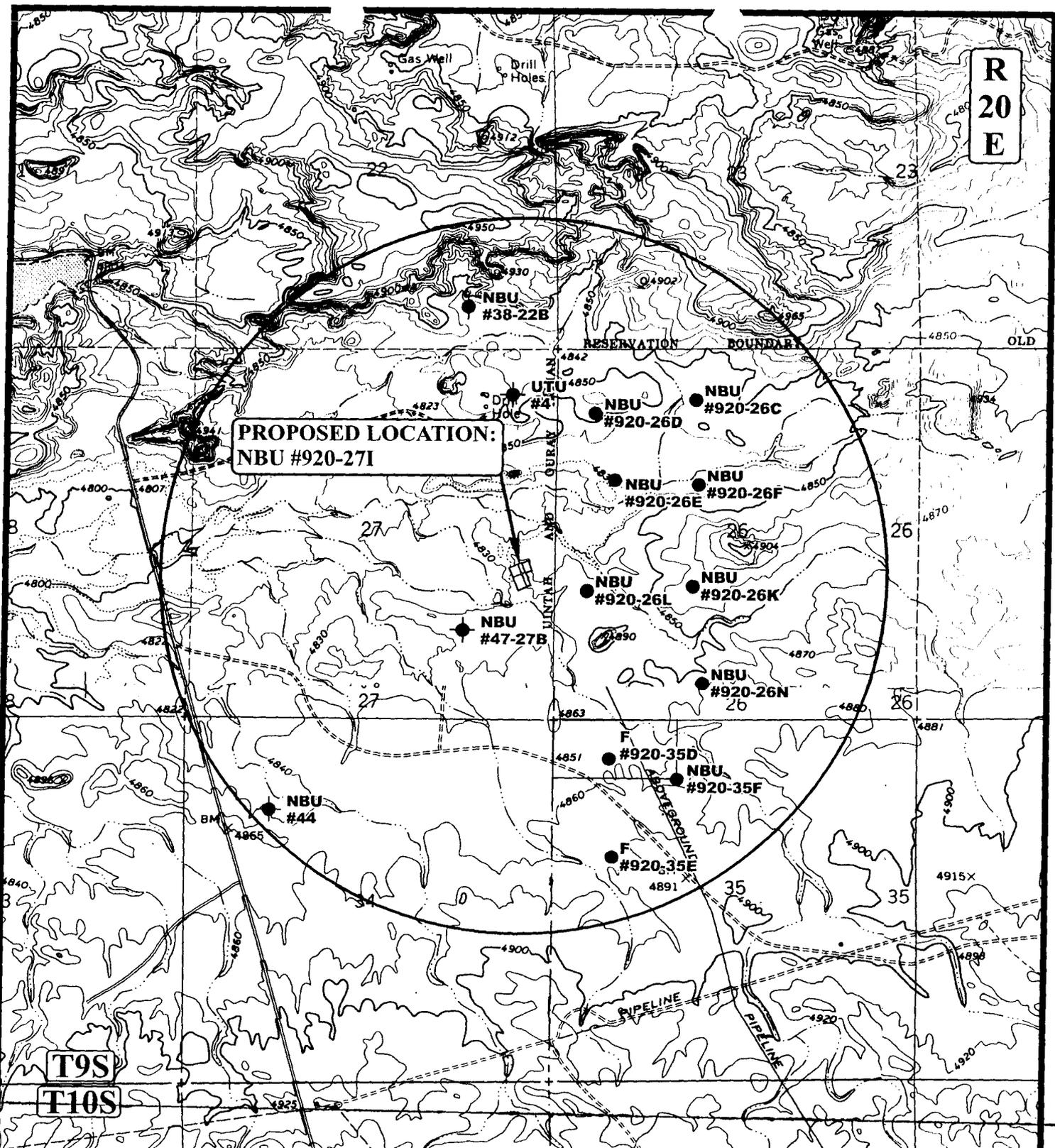
NBU #920-27I
 SECTION 27, T9S, R20E, S.L.B.&M.
 2152' FSL 491' FEL

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



TOPOGRAPHIC MAP	12	28	05	B TOPO
	MONTH	DAY	YEAR	
SCALE: 1" = 2000'		DRAWN BY: C.P.		REVISED: 00-00-00

R
20
E



**PROPOSED LOCATION:
NBU #920-271**

T9S
T10S

LEGEND:

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

Kerr-McGee Oil & Gas Onshore LP

NBU #920-271
SECTION 27, T9S, R20E, S.L.B.&M.
2152' FSL 491' FEL

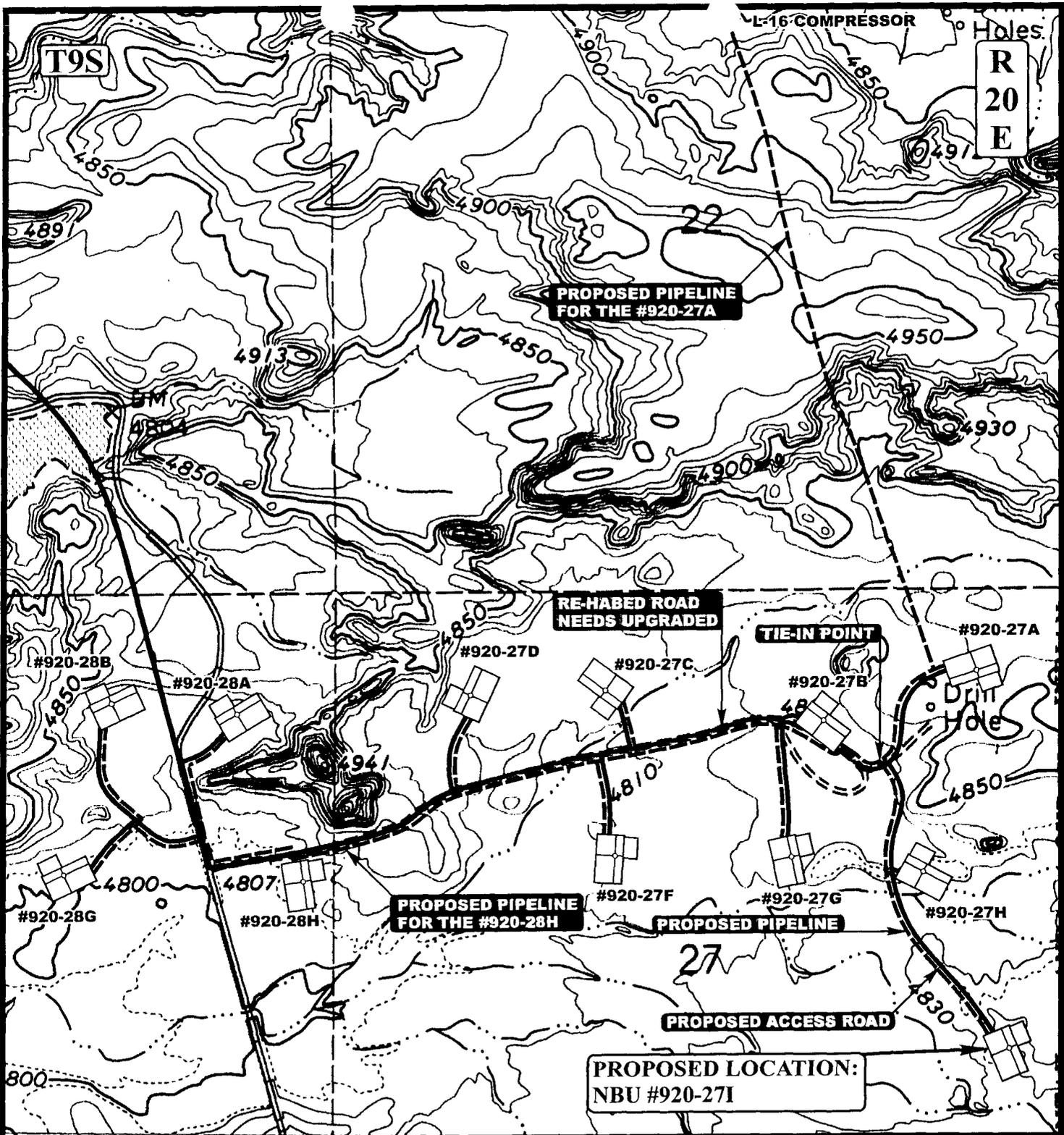


Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



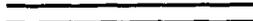
TOPOGRAPHIC	12	28	05
MAP	MONTH	DAY	YEAR
SCALE: 1" = 2000'	DRAWN BY: C.P.		REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 2,172' +/-

LEGEND:

-  PROPOSED ACCESS ROAD
-  RE-HABED ROAD NEEDS UPGRADED
-  PROPOSED PIPELINE
-  PROPOSED PIPELINE (SERVICING OTHER WELLS)



Kerr-McGee Oil & Gas Onshore LP

NBU #920-27I

SECTION 27, T9S, R20E, S.L.B.&M.

2152' FSL 491' FEL



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

TOPOGRAPHIC MAP 12 28 05
MONTH DAY YEAR

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



Kerr-McGee Oil & Gas Onshore LP

NBU #920-27I

PIPELINE ALIGNMENT

LOCATED IN UINTAH COUNTY, UTAH

SECTION 27, T9S, R20E, S.L.B.&M.



PHOTO: VIEW FROM TIE-IN POINT

CAMERA ANGLE: SOUTHERLY

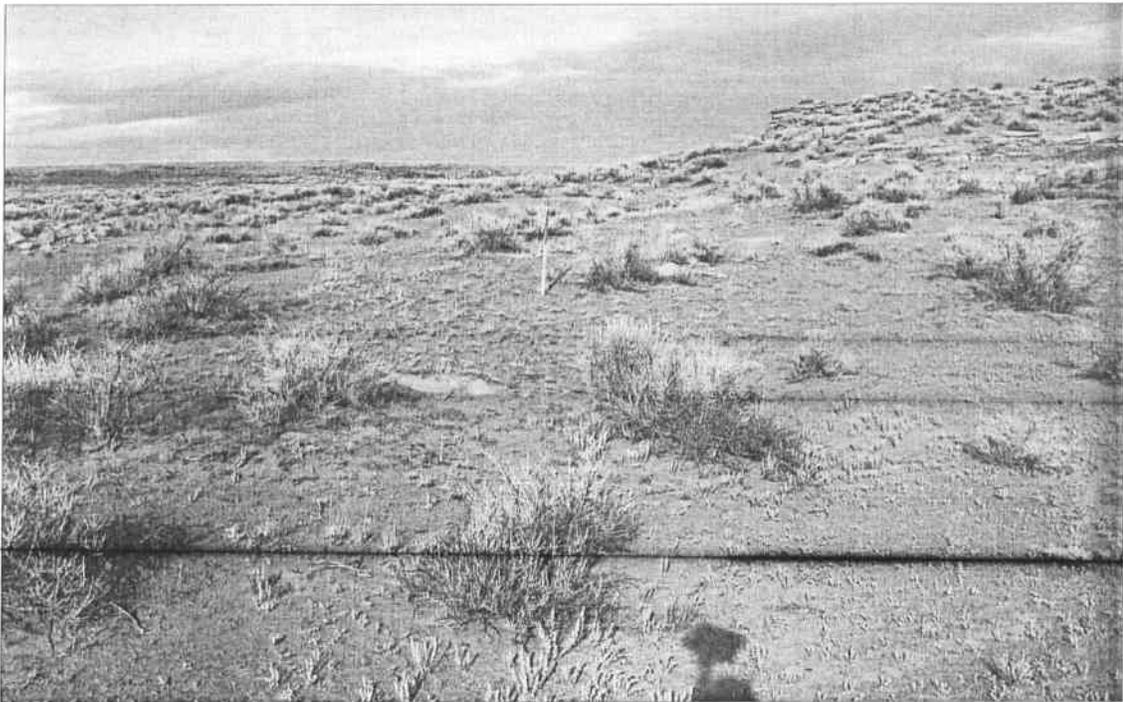


PHOTO: VIEW OF PIPELINE ALIGNMENT

CAMERA ANGLE: NORTHERLY



- Since 1964 -

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

PIPELINE PHOTOS

12 | 28 | 05
MONTH | DAY | YEAR

PHOTO

TAKEN BY: D.K.

DRAWN BY: C.P.

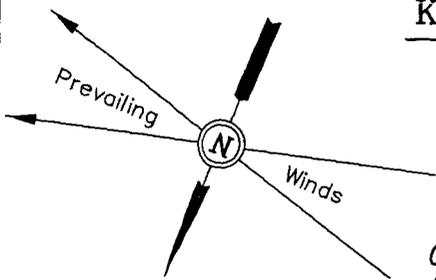
REVISED: 00-00-00

Kerr-McGee Oil & Gas Onshore, LP

FIGURE #1

LOCATION LAYOUT FOR

NBU #920-27I
SECTION 27, T9S, R20E, S.L.B.&M.
2152' FSL 491' FEL



SCALE: 1" = 50'
DATE: 1-5-06
Drawn By: K.G.

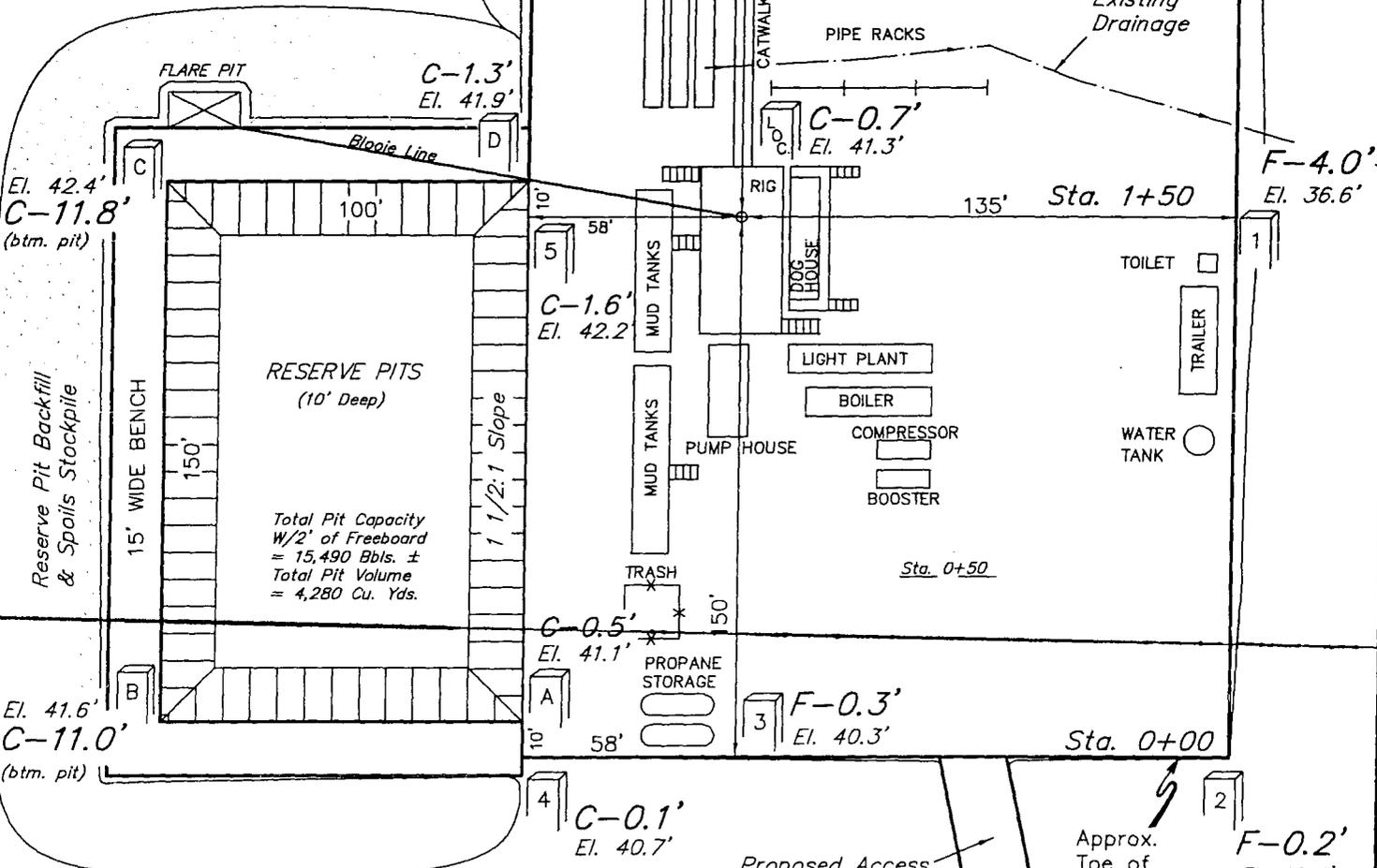
C-4.3'
El. 44.9'

Approx.
Top of
Cut Slope

F-2.4'
El. 38.2'

NOTE:

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



NOTES:

Elev. Ungraded Ground At Loc. Stake = 4841.3'
FINISHED GRADE ELEV. AT LOC. STAKE = 4840.6'

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

Keel - McGee Oil & Gas Onshore LP

FIGURE #2

TYPICAL CROSS SECTIONS FOR

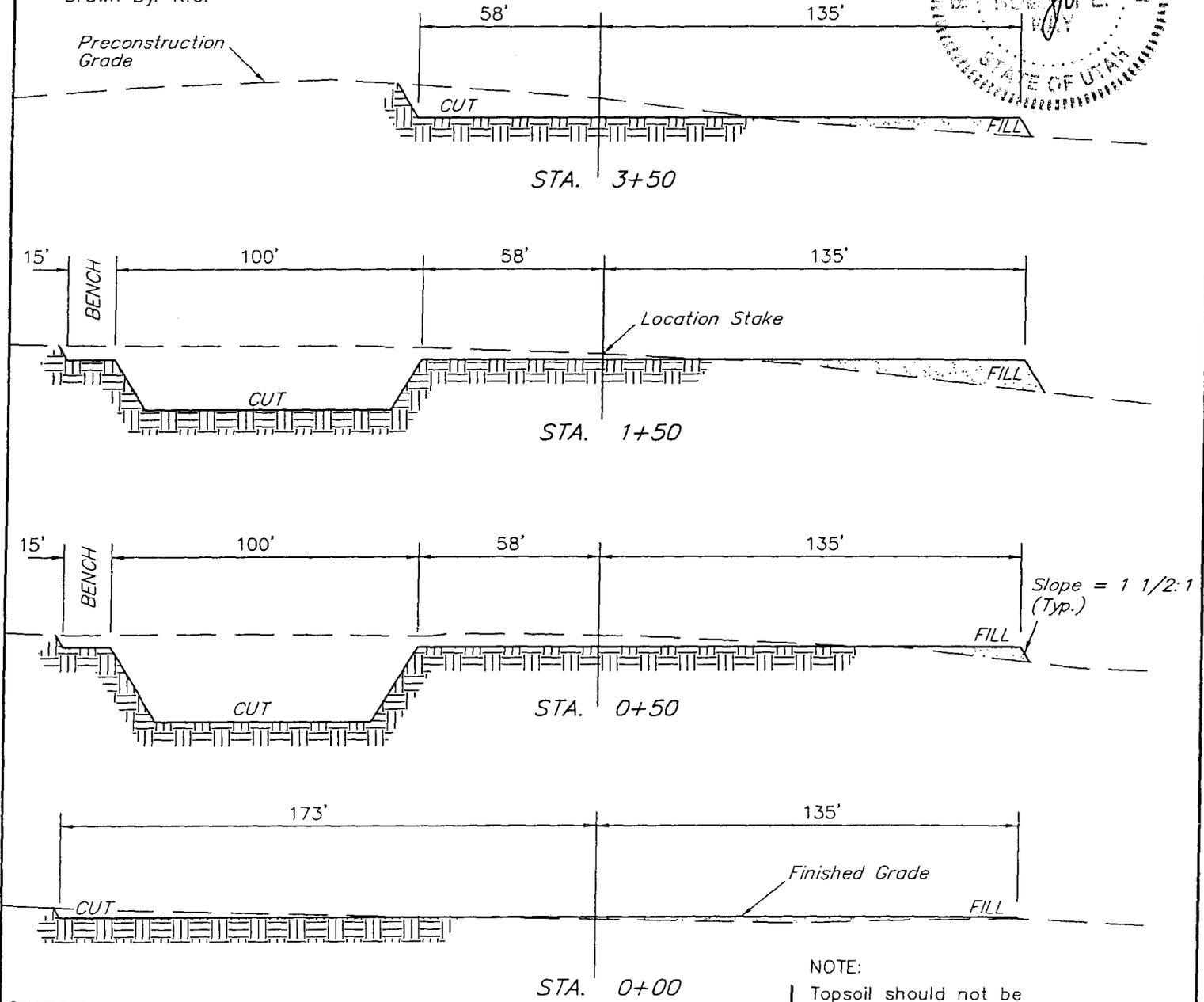
NBU #920-27I

SECTION 27, T9S, R20E, S.L.B.&M.

2152' FSL 491' FEL

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

DATE: 1-5-06
Drawn By: K.G.



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

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(12") Topsoil Stripping	= 3,510 Cu. Yds.
Remaining Location	= 5,840 Cu. Yds.
TOTAL CUT	= 9,350 CU.YDS.
FILL	= 3,700 CU.YDS.

EXCESS MATERIAL	= 5,650 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 5,650 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

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

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 03/10/2006

API NO. ASSIGNED: 43-047-37905

WELL NAME: NBU 920-27I
 OPERATOR: WESTPORT OIL & GAS CO (N2115)
 CONTACT: SHEILA UPCHEGO

PHONE NUMBER: 435-781-7024

PROPOSED LOCATION:

NESE 27 090S 200E
 SURFACE: 2152 FSL 0491 FEL
 BOTTOM: 2152 FSL 0491 FEL
 COUNTY: UINTAH
 LATITUDE: 40.00445 LONGITUDE: -109.6441
 UTM SURF EASTINGS: 615741 NORTHINGS: 4428921
 FIELD NAME: NATURAL BUTTES (630)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-0582
 SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: WSMVD
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

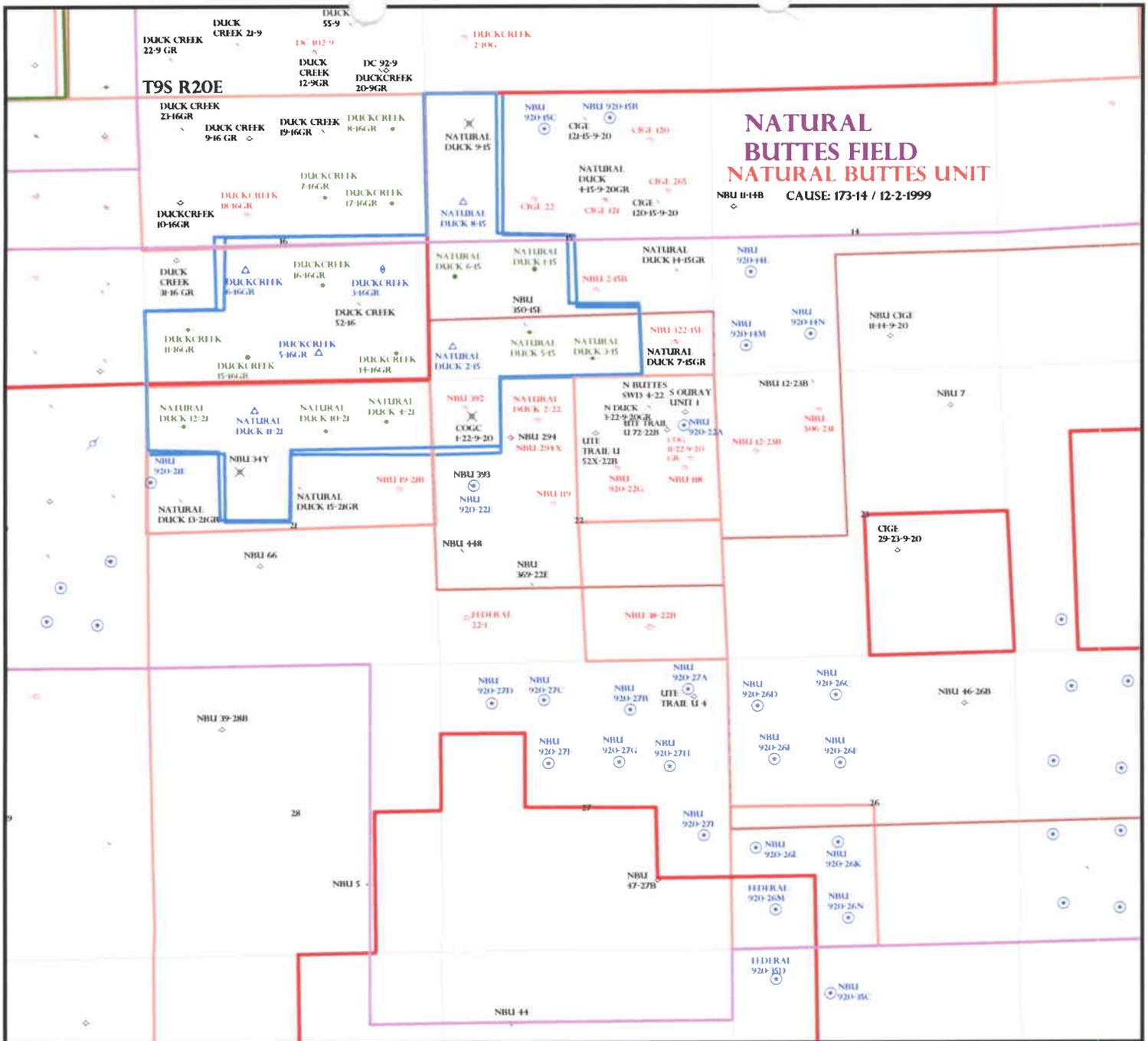
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. CO-1203)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-8496)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- R649-2-3.
- Unit: NATURAL BUTTES
- R649-3-2. General
Siting: 460' From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: 173-14
Eff Date: 12-2-99
Siting: 460' fr u bdr & 920' b/w m. tracts
- R649-3-11. Directional Drill

COMMENTS: Sup. Separate Plat

STIPULATIONS: 1- Federal Approval
2- OIL SHALE



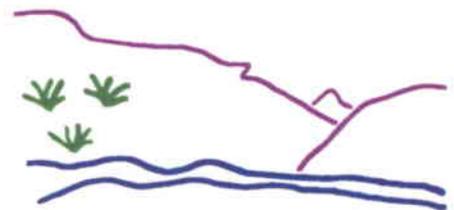
**NATURAL BUTTES FIELD
NATURAL BUTTES UNIT**
NBU 0-148 CAUSE: 173-14 / 12-2-1999

OPERATOR: WESTPORT O&G CO (N2115)
 SEC: 14,15,21,22,27 T. 10S R. 21E
 FIELD: NATURAL BUTTES (630)
 COUNTY: UINTAH
 CAUSE: 173-14 / 12-2-1999

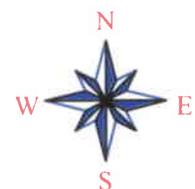
- Field Status**
- ABANDONED
 - ACTIVE
 - COMBINED
 - INACTIVE
 - PROPOSED
 - STORAGE
 - TERMINATED

- Unit Status**
- EXPLORATORY
 - GAS STORAGE
 - NF PP OIL
 - NF SECONDARY
 - PENDING
 - PI OIL
 - PP GAS
 - PP GEOTHERML
 - PP OIL
 - SECONDARY
 - TERMINATED

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



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
 DATE: 16-MARCH-2006

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO:
3160
(UT-922)

March 17, 2006

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2006 Plan of Development Natural Buttes Unit Uintah County, Utah.

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

API #	WELL NAME	LOCATION
(Proposed PZ Wasatch/MesaVerde)		
43-047-37910	NBU 1021-24I	Sec 24 T10S R21E 2272 FSL 0870 FEL
43-047-37911	NBU 1021-24C	Sec 24 T10S R21E 0626 FNL 1887 FWL
43-047-37912	NBU 1021-24B	Sec 24 T10S R21E 0905 FNL 1648 FEL
43-047-37913	NBU 1021-25G	Sec 25 T10S R21E 2445 FNL 2079 FEL
43-047-37914	NBU 1021-25H	Sec 25 T10S R21E 2377 FNL 0127 FEL
43-047-37917	NBU 1021-25E	Sec 25 T10S R21E 2301 FNL 0183 FWL
43-047-37907	NBU 1021-03L	Sec 03 T10S R21E 2618 FSL 0315 FWL
43-047-37908	NBU 1021-03D	Sec 03 T10S R21E 0285 FNL 0915 FWL
43-047-37909	NBU 1021-03H	Sec 03 T10S R21E 1884 FNL 0506 FEL
43-047-37894	NBU 920-14L	Sec 14 T09S R20E 1907 FSL 0707 FWL
43-047-37895	NBU 920-15B	Sec 15 T09S R20E 0501 FNL 1876 FEL
43-047-37896	NBU 920-15C	Sec 15 T09S R20E 0684 FNL 2181 FWL
43-047-37897	NBU 920-21E	Sec 21 T09S R20E 1851 FNL 0032 FWL
43-047-37898	NBU 920-22A	Sec 22 T09S R20E 0937 FNL 0584 FEL
43-047-37899	NBU 920-27A	Sec 27 T09S R20E 0579 FNL 0728 FEL
43-047-37900	NBU 920-27G	Sec 27 T09S R20E 1907 FNL 2023 FEL
43-047-37901	NBU 920-27F	Sec 27 T09S R20E 1888 FNL 2014 FWL
43-047-37902	NBU 920-27C	Sec 27 T09S R20E 0699 FNL 1937 FWL
43-047-37903	NBU 920-27B	Sec 27 T09S R20E 0934 FNL 1805 FEL
43-047-37904	NBU 920-27D	Sec 27 T09S R20E 0731 FNL 0971 FWL
43-047-37905	NBU 920-27I	Sec 27 T09S R20E 2152 FSL 0491 FEL
43-047-37906	NBU 920-27H	Sec 27 T09S R20E 2023 FNL 1089 FEL

Page 2

Our records indicate the NBU 1021-24I and the 1021-24B are closer than 460 feet from uncommitted land within the Natural Butte Unit. The NBU 1021-25H is located **outside** of the Natural Buttes Unit and is closer than 460 feet from the Unit Boundary.

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

/s/ Michael L. Coulthard

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



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

March 20, 2006

Westport Oil & Gas Company, LP
1368 South 1200 East
Vernal, UT 84078

Re: Natural Buttes Unit 920-27I Well, 2152' FSL, 491' FEL, NE SE, Sec. 27,
T. 9 South, R. 20 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 43-047-37905.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

Operator: Westport Oil & Gas Company, LP

Well Name & Number Natural Buttes Unit 920-271

API Number: 43-047-37905

Lease: UTU-0582

Location: NE SE Sec. 27 T. 9 South R. 20 East

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

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

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: 1/6/2006

FROM: (Old Operator): N2115-Westport Oil & Gas Co., LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024	TO: (New Operator): N2995-Kerr-McGee Oil & Gas Onshore, LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024
---	--

CA No.		Unit:		NATURAL BUTTES UNIT				
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- b. If **NO**, the operator was contacted on:
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- 5c. Reports current for Production/Disposition & Sundries on: ok
- 6. Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
- 7. Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
- 8. Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- 9. Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on: _____
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG
The Division sent response by letter on: _____

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

COMMENTS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

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

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

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

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

5. Lease Serial No.
MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State
UINTAH COUNTY, UTAH

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

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

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

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006. KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

*BLM BOND = C01203
BIA BOND = RLB0005239*

APPROVED 5/16/06

Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

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

Name (Printed/Typed) RANDY BAYNE	Title DRILLING MANAGER
Signature <i>Randy Bayne</i>	Date May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
WESTPORT OIL & GAS COMPANY L.P.

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

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

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

5. Lease Serial No.
MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State
UINTAH COUNTY, UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<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
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR

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

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06
Earlene Russell
 Division of Oil, Gas and Mining
 Earlene Russell, Engineering Technician

RECEIVED
 MAY 10 2006

DIV OF OIL, GAS & MINING

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

Name (Printed/Typed) BRAD LANEY	Title ENGINEERING SPECIALIST
Signature	Date May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by <i>Brad Laney</i>	Title	Date 5-9-06
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

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



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Colorado State Office
2850 Youngfield Street
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)
3106
COC017387 et. al.

March 23, 2006

NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :
1999 Broadway, Suite 3700 : Oil & Gas
Denver, CO 80202 :

Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell
Martha L. Maxwell
Land Law Examiner
Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



United States Department of the Interior



BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>

IN REPLY REFER TO:
3106
(UT-922)

March 27, 2006

Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of
Fluid Minerals

Enclosure

Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare
Dave Mascarenas
Susan Bauman

RECEIVED

MAR 28 2006

DIV. OF OIL, GAS & MINERALS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Serial No.
UTU-0582

6. If Indian, Allottee or Tribe Name
TRIBAL SURFACE

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

8. Well Name and No.
NBU 920-27I

9. API Well No.
4304737905

10. Field and Pool, or Exploratory Area
NATURAL BUTTES

11. County or Parish, State
UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

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

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NESE SECTION 27, T9S, R20E 2152'FSL, 491'FEL

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

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

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

AN ON-SITE WAS CONDUCTED FOR THE SUBJECT WELL LOCATION ON 05/02/2006. IT WAS DECIDED ON THE ON-SITE INSPECTION TO RE-ROUTE THE PIPELINE. APPROXIMATELY 2,172' +/- OF 4" PROPOSED PIPELINE SHALL BE INSTALLED FROM THE PROPOSED LOCAITON TO THE PROPOSED NBU 920-27A PIPELINE. APPROXIMATELY 800' +/- OF 4" PROPOSED PIPELINE FROM INTERSECTION OF THE PROPOSED NBU 920-27H LOCATION TO THE INTERSECTION TO THE PROPOSED NBU 920-27A PIPELINE.

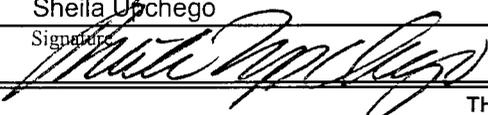
RECEIVED

PLEASE REFER TO THE ATTACHED TOPO MAP D FOR PIPELINE PLACEMENT.

MAY 30 2006

DIV. OF OIL, GAS & MINING

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

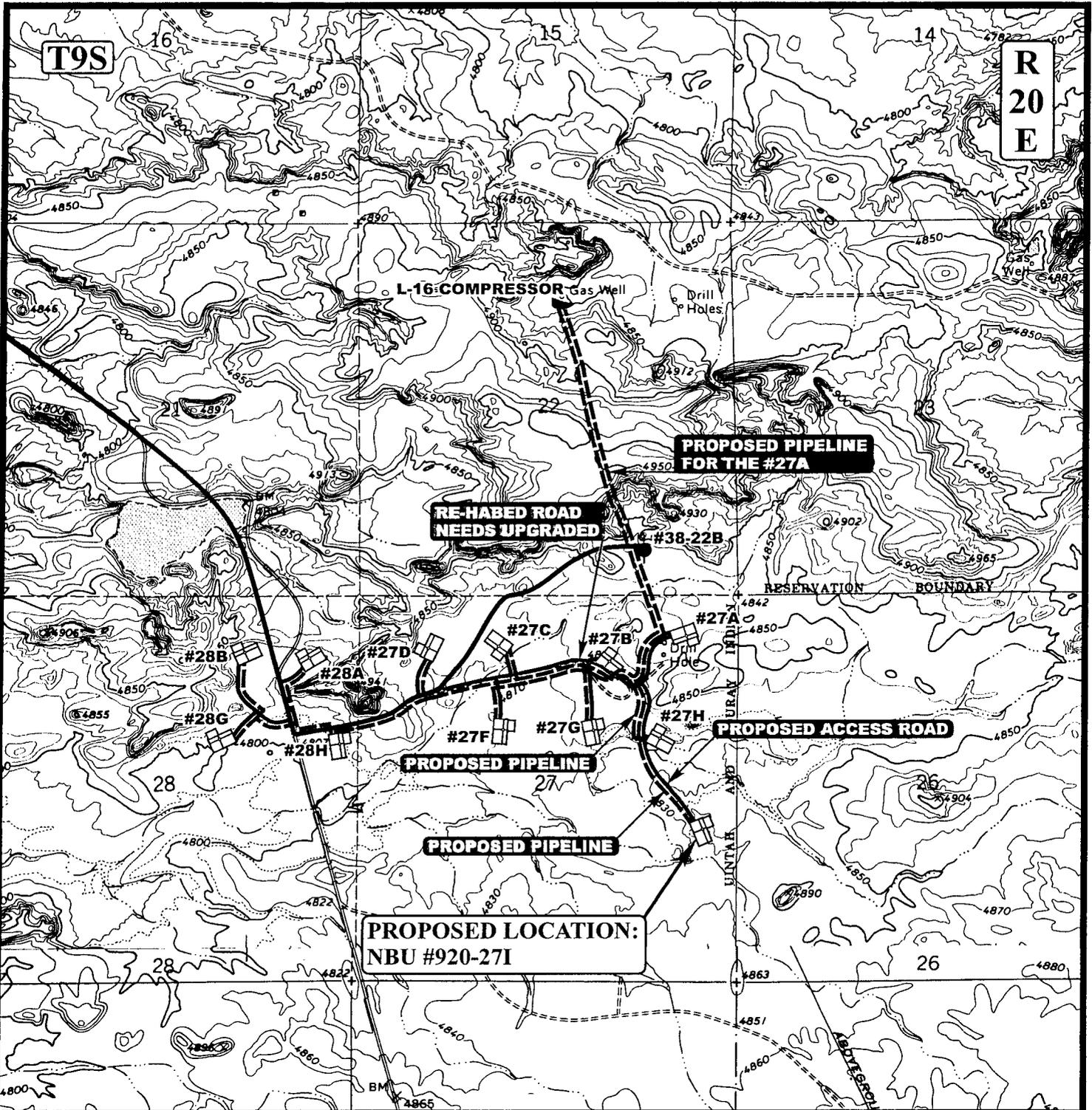
Name (Printed/Typed) Sheila Upchego	Title Regulatory Analyst	COPY SENT TO OPERATOR Date: <u>8-15-06</u> Initials: <u>WFO</u>
Signature 	Date May 24, 2006	

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title Accepted by the Utah Division of Oil, Gas and Mining	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office Oil, Gas and Mining	Federal Approval Of This Action Is Necessary

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

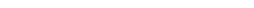
Date: 6/12/06
BY: [Signature]



APPROXIMATE TOTAL 4" PIPELINE DISTANCE = 800' +/-

APPROXIMATE TOTAL 4" PIPELINE DISTANCE = 2,172' +/-

LEGEND:

-  PROPOSED ACCESS ROAD
-  RE-HABED ROAD NEEDS UPGRADED
-  PROPOSED 4" PIPELINE
-  PROPOSED 4" PIPELINE
-  PROPOSED PIPELINE
-  PROPOSED PIPELINE (SERVICING OTHER WELLS)

Kerr-McGee Oil & Gas Onshore LP

NBU #920-27I
 SECTION 27, T9S, R20E, S.L.B.&M.
 2152' FSL 491' FEL



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

TOPOGRAPHIC MAP
 12 28 05
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 05-09-06



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Serial No.
UTU-0582

6. If Indian, Allottee or Tribe Name
TRIBAL SURFACE

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

8. Well Name and No.
NBU 920-271

9. API Well No.
4304737905

10. Field and Pool, or Exploratory Area
NATURAL BUTTES

11. County or Parish, State
UINTAH, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

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

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

3b. Phone No. (include area code)
435-781-7003

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2152' FSL, 491' FEL
NESE, SEC 27-T9S-R20E

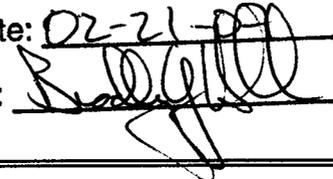
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

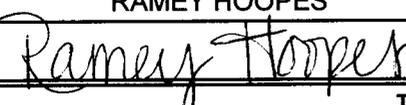
THE OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE DIVISION OF OIL, GAS AND MINING ON MARCH 20, 2006.

Approved by the
Oil, Gas and Mining

Date: 02-21-07
By: 

2-22-07
RM

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

Name (Printed/Typed) RAMEY HOOPES	Title REGULATORY CLERK
Signature 	Date FEBURARY 12, 2007

THIS SPACE FOR FEDERAL OR STATE USE

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

RECEIVED

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

FEB 20 2007

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

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

API: 4304737905
Well Name: NBU 920-27I
Location: NESE, SEC 27-T9S-R20E
Company Permit Issued to: KERR MCGEE OIL AND GAS ONSHORE LP
Date Original Permit Issued: 3/20/2006

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

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

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

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

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

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

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

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

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

Ramona Hoopes
Signature

2/12/2007
Date

Title: Regulatory Clerk

Representing: Kerr McGee Oil & Gas Onshore LP

RECEIVED

FEB 20 2007

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.
UTU-0582

6. If Indian, Allottee or Tribe Name
TRIBAL SURFACE

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

8. Well Name and No.
NBU 920-271

9. API Well No.
4304737905

10. Field and Pool, or Exploratory Area
NATURAL BUTTES

11. County or Parish, State
UINTAH, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

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

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

3b. Phone No. (include area code)
435-781-7003

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NE/SE SEC. 27, T9S, R20E 2152'FSL, 491'FEL

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<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
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other APD EXTENSION DOGM

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

THE OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APPROVED BY THE DIVISION OF OIL, GAS AND MINING ON MARCH 20, 2006.

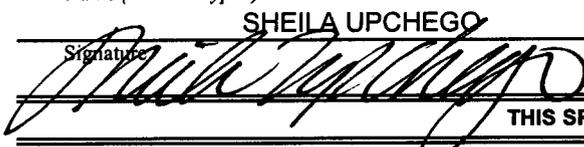
COPY SENT TO OPERATOR

Date: 2-26-2008
Initials: KS

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 02-25-08
By: 

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

Name (Printed/Typed) SHEILA UPCHEGO	Title SENIOR LAND ADMIN SPECIALIST
Signature 	Date February 4, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date
-------------	-------	------

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

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

(Instructions on reverse)

RECEIVED

FEB 25 2008

DIV. OF OIL, GAS & MINING



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

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

API: 4304737905
Well Name: NBU 920-27I
Location: NE/SE SEC. 27, T9S, T20E
Company Permit Issued to: WESTPORT OIL & GAS COMPANY
Date Original Permit Issued: 3/20/2006

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

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

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

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

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

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

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

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

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


Signature

2/4/2008
Date

Title: SENOIR LAND ADMIN SPECIALIST

Representing: KERR-McGEE OIL & GAS ONSHORE LP

RECEIVED
FEB 25 2008
 DIV. OF OIL, GAS & MINING

RECEIVED

MAR 02 2006

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: DRILL REENTER

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

5. Lease Serial No.
UTU-0582

6. If Indian, Allottee or Tribe Name
TRIBAL SURFACE

7. If Unit or CA Agreement, Name and No.
NATURAL BUTTES UNIT

8. Lease Name and Well No.
NBU 920-271

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

9. API Well No.
43-047-37905

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

3b. Phone No. (include area code)
(435) 781-7003

10. Field and Pool, or Exploratory
NATURAL BUTTES

4. Location of Well (Report location clearly and in accordance with any State requirements.)*
At surface **NESE 2152'FSL, 491'FEL**
At proposed prod. Zone

11. Sec., T., R., M., or Blk, and Survey or Area
SECTION 27-T9S-R20E

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

12. County or Parish
UINTAH

13. State
UTAH

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) **491'**

16. No. of Acres in lease
1433.57

17. Spacing Unit dedicated to this well
40.00

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

19. Proposed Depth
10,300'

20. BLM/BIA Bond No. on file
CO-1203 WY2357 WYB000291

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
4841'GL

22. Approximate date work will start*
UPON APPROVAL

23. Estimated duration
TO BE DETERMINED

24. Attachments

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

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

25. Signature *Ramey Hoopes* Name (Printed/Typed) **RAMEY HOOPES** Date **5/25/2006**
Title **REGULATORY CLERK**

Approved by (Signature) *Jerry Kuzka* Name (Printed/Typed) **JERRY KUZKA** Date **3-7-2008**
Title **Assistant Field Manager** Office **VERNAL FIELD OFFICE**
Lands & Mineral Resources

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

CONDITIONS OF APPROVAL 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

MAR 17 2008

DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL



07BM4955A

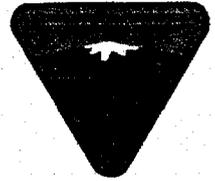


**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE**

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	Kerr-McGee Oil & Gas Onshore LP	Location:	NESE, Sec. 27, T9S, R20E
Well No:	NBU 920-271	Lease No:	UTU-0582
API No:	43-047-37905	Agreement:	Natural Buttes Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:		(435) 781-4475	(435) 828-4029
Supervisory NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:		(435) 781-4476	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:		(435) 781-3400	(435) 828-3544
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
		Fax: (435) 781-3420	

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

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

NOTIFICATION REQUIREMENTS

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.

Additional Stipulations

- 1) Paleo monitoring

General Conditions of Approval

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

- All Company employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's and/or ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations shall be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- All personnel shall refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.
- The personnel from the Ute Tribe Energy & Minerals Department shall be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.
- All mitigative stipulations contained in the Bureau of Indian Affairs Site Specific Environmental Assessment (EA) will be strictly adhered.
- Upon completion of Application for Corridor Right-Way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

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

SITE SPECIFIC DOWNHOLE COAs:

- Surface casing cement shall be brought up to the surface. To reach the surface, operator is required to pump additional cement beyond the stated amounts of sacks in application.

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

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

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- 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 ($\frac{1}{4}$ Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

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

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

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: KERR-McGEE OIL & GAS ONSHORE, L.P.

Well Name: NBU 920-27I

Api No: 43-047-37905 Lease Type: FEDERAL

Section 27 Township 09S Range 20E County UINTAH

Drilling Contractor PETE MARTIN DRLG RIG # RATHOLE

SPUDDED:

Date 02/15/2009

Time 10:00 AM

How DRY

Drilling will Commence: _____

Reported by LEW WELDON

Telephone # (435) 828-7035

Date 02/17/2009 Signed CHD

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

FORM 6

ENTITY ACTION FORM

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

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304739994	NBU 1022-04L1T		NWSW	4	10S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
B	99999	2900	2/14/2009			2/19/09	
Comments: MIRU PETE MARTIN BUCKET RIG. <i>WSTMVD</i> SPUD WELL LOCATION ON 02/14/2009 AT 0800 HRS.							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304737905	NBU 920-27I		NESE	27	9S,	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
B	99999	2900	2/15/2009			2/19/09	
Comments: MIRU PETE MARTIN BUCKET RIG. <i>WSTMVD</i> SPUD WELL LOCATION ON 02/15/2009 AT 1000 HRS.							

Well 3

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

ACTION CODES:

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

SHEILA UPCHEGO

Name (Please Print)

Signature

REGULATORY ANALYST

Title

2/17/2009

Date

RECEIVED

FEB 17 2009

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU-0582
2. Name of Operator KERR MCGEE OIL & GAS ONSHORE LP		6. If Indian, Allottee or Tribe Name TRIBAL SURFACE
3a. Address 1368 SOUTH 1200 EAST VERNAL, UTAH 84078	3b. Phone No. (include area code) 435.781.7024	7. If Unit of CA/Agreement, Name and/or No. UNIT #891008900A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NE/SE SEC. 27, T9S, R20E 2152'FSL, 491'FEL		8. Well Name and No. NBU 920-271
		9. API Well No. 4304737905
		10. Field and Pool or Exploratory Area NATURAL BUTTES
		11. Country or Parish, State UINTAH COUNTY, UTAH

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

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

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

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 02/15/2009 AT 1000 HRS.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) SHEILA UPCHEGO		Title REGULATORY ANALYST
Signature 		Date 02/17/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

RECEIVED

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, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

FEB 19 2009

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0582
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
	7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 920-271
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047379050000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2152 FSL 0491 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 27 Township: 09.0S Range: 20.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
	COUNTY: UINTAH
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/13/2009	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: OPERATIONS SUSPEI

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

THE OPERATOR REQUESTS AUTHORIZATION TO SUSPEND THE DRILLING OPERATIONS. THE OPERATOR HAS DRILLED THE CONDUCTOR HOLE TO 40' AND RAN CONDUCTOR CASING. AT THIS TIME THE SUBJECT WELL LOCATION IS ON OUR DRILL SCHEDULE TO BE DRILLED BY FOURTH QUARTER 2010.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 November 16, 2009

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 11/12/2009

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0582
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 920-271
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047379050000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2152 FSL 0491 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 27 Township: 09.0S Range: 20.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 1/7/2010	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 NO DRILLING ACTIVITY HAS OCCURED ON THIS WELL FOR THE MONTH. AT THIS TIME, THE SUBJECT WELL LOCATION IS ON OUR DRILL SCHEDULE TO BE DRILLED BY FOURTH QUARTER 2010.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 January 07, 2010

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 1/7/2010

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0582
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 920-271
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047379050000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2152 FSL 0491 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 27 Township: 09.0S Range: 20.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 2/1/2010	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

NO DRILLING ACTIVITY HAS OCCURED ON THIS WELL FOR THE MONTH. AT THIS TIME, THE SUBJECT WELL LOCATION IS ON OUR DRILL SCHEDULE TO BE DRILLED BY FOURTH QUARTER 2010.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 February 01, 2010

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 2/1/2010

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0582
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 920-271
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047379050000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2152 FSL 0491 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 27 Township: 09.0S Range: 20.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 4/1/2010	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

NO DRILLING ACTIVITY HAS OCCURED ON THIS WELL FOR THE MONTH OF
MARCH 2010.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 April 05, 2010

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 4/1/2010	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0582
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SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
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1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 920-271
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2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047379050000
---	---

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

4. LOCATION OF WELL FOOTAGES AT SURFACE: 2152 FSL 0491 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 27 Township: 09.0S Range: 20.0E Meridian: S	COUNTY: UINTAH STATE: UTAH
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11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 5/3/2010	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

NO DRILLING ACTIVITY HAS OCCURED ON THIS WELL FOR THE MONTH OF
APRIL 2010.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 May 03, 2010

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 5/3/2010

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0582
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 920-271
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047379050000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2152 FSL 0491 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 27 Township: 09.0S Range: 20.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/12/2010	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Casing, hole size chang"/>

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

Kerr-McGee Oil & Gas Onshore, LP (Kerr-McGee) respectfully requests to change the surface casing information. The hole that will be drilled for the surface casing will be changing from: 12-/14" to: 11". Additionally, the surface casing size is changing from: 9-5/8" 32.3 lbs/ft H-40 STC to: 8-5/8" 28 lbs/ft J-55 LT&C. Kerr-McGee will follow normal drilling procedures and cement back to surface or cement with losses and top job until full. Please contact the undersigned if you have questions and/or require additional information. Thank you.

Accepted by the Utah Division of Oil, Gas and Mining

Date: May 11, 2010

By: *Derek [Signature]*

NAME (PLEASE PRINT) Kathy Schneebeck-Dulnoan	PHONE NUMBER 720 929-6007	TITLE Staff Regulatory Analyst
SIGNATURE N/A	DATE 5/10/2010	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0582
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 920-271
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047379050000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2152 FSL 0491 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 27 Township: 09.0S Range: 20.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES COUNTY: UINTAH STATE: UTAH

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TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 3/2/2010	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

NO DRILLING ACTIVITY HAS OCCURED ON THIS WELL FOR THE MONTH. AT THIS TIME, THE SUBJECT WELL LOCATION IS ON OUR DRILL SCHEDULE TO BE DRILLED BY FOURTH QUARTER 2010.

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 March 02, 2010

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 3/2/2010

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0582
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 920-271
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047379050000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2152 FSL 0491 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 27 Township: 09.0S Range: 20.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 4/1/2010	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

NO DRILLING ACTIVITY HAS OCCURED ON THIS WELL FOR THE MONTH OF
MARCH 2010.

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 April 05, 2010

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 4/1/2010

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0582
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 920-27I
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047379050000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2152 FSL 0491 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 27 Township: 09.0S Range: 20.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 5/21/2010	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

MIRU PROPETRO AIR RIG ON MAY 19, 2010. DRILLED 11" SURFACE HOLE TO 2830'. RAN 8 5/8" 28# J-55 SURFACE CSG. PUMP 140 BBLS FRESH WATER. PUMP 20 BBLS GEL WATER. LEAD CEMENT W/ 220 SX CLASS G PREM LITE FILL @ 11.0 PPG, 3.82 YD. TAILED CEMENT W/ 175 SX CLASS G PREM LITE @ 15.8 PPG, 1.15 YD. DROP PLUG ON THE FLY, DISPLACED W/ 166 BBLS WATER, 15 BBLS CEMENT TO SURFACE W/ 500 PSI OF LIFT. LAND PLUG @ 1000 PSI, FLOAT HELD, PUMP 175 SX SAME CEMENT DOWN 1". CEMENT TO SURFACE. WORT.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 June 01, 2010

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 5/24/2010

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0582	

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES	

1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 920-271
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2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047379050000
---	---

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
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4. LOCATION OF WELL FOOTAGES AT SURFACE: 2152 FSL 0491 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 27 Township: 09.0S Range: 20.0E Meridian: S	COUNTY: UINTAH
STATE: UTAH	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 8/9/2010	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

NO DRILLING ACTIVITY HAS TAKEN PLACE ON THIS WELL FOR THE MONTH OF JULY. THE ROTARY RIG IS DUE TO MOVE IN AND DRILL THE PRODUCTION HOLE FOR THIS WELL ON 9/23/2010.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 August 09, 2010

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0582
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 920-271
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047379050000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2152 FSL 0491 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 27 Township: 09.0S Range: 20.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 9/1/2010	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

NO DRILLING ACTIVITY HAS TAKEN PLACE ON THIS WELL FOR THE MONTH OF AUGUST. THE ROTARY RIG IS DUE TO MOVE IN AND DRILL THE PRODUCTION HOLE FOR THIS WELL ON 9/23/2010.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 September 02, 2010

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 9/1/2010

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0582
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 920-271
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047379050000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2152 FSL 0491 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 27 Township: 09.0S Range: 20.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 10/12/2010	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

FINISHED DRILLING FROM 2830' TO 10,520' ON OCTOBER 10, 2010. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. PUMP 40 BBLs SPACER, LEAD CEMENT W/ 650 SX CLASS G PREM LITE @ 13.0 PPG, 1.76 YD. TAILED CEMENT W/ 1197 SX CLASS G 50/50 POZ MIX @ 14.3 PPG, 1.31 YD. DISPLACED W/ 160 BBLs CLAYTREAT WATER, FINAL LIFT 3560 PSI, BUMPED PLUG @ 4047 PSI. HELD PRESSURE 3 MIN., 2 BBL BLED BACK TO TRUCK, FLOATS HELD. 10 BBLs LEAD CEMENT BACK TO PIT, EST TOP OF TAIL @ 4232'. RD CEMENTERS AND CLEANED PITS. RELEASED PIONEER RIG #69 ON OCTOBER 12, 2010 @ 18:00 HRS.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 October 13, 2010

NAME (PLEASE PRINT) Gina Becker	PHONE NUMBER 720 929-6086	TITLE Regulatory Analyst II
SIGNATURE N/A		DATE 10/13/2010

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0582
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 920-271
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047379050000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2152 FSL 0491 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 27 Township: 09.0S Range: 20.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/19/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input checked="" type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="Wellhead"/>

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

The operator requests approval to conduct wellhead/casing repair operations on the subject well location. This well has not been completed yet. Attached is the completions procedure and repair designs.

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

Date: 11/18/2010
 By: *Derek Quist*

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 11/18/2010

Greater Natural Buttes Unit



NBU 920-271
COMPLETIONS PROCEDURE

DATE:10/22/10
AFE#:2020878
WO # 88104325 (For Wellhead Work)
USER ID:JVN975 (Frac Invoices Only)

COMPLETIONS ENGINEER: Michael Sollee, Denver, CO
(720)-929-6057 (Office)

SIGNATURE:

ENGINEERING MANAGER: JEFF DUFRESNE

SIGNATURE:

REMEMBER SAFETY FIRST!

Name: NBU 920-271
Location: NESE 27 T9S R27E
Uintah County, UT
Date: **10/22/10**

ELEVATIONS: 4841 GL 4859 KB

TOTAL DEPTH: 10520 **PBTD:** 10462
SURFACE CASING: 8 5/8", 36# J-55 ST&C @ 2821'
PRODUCTION CASING: 4 1/2", 11.6#, I-80 & P-110 LT&C @ 10507'
 Marker Joint **5018 - 5030'**

TUBULAR PROPERTIES:

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
4 1/2" 11.6# I-80 (See above)	7780	6350	3.875"	0.0155	0.6528
2 3/8" by 4 1/2" Annulus				0.0101	0.4227

CASING PATCH PROPERTIES: (Additional Data At End of Procedure)

	BURST (psi)	COLLAPSE (psi)
Logan 5.88" OD "L" Type CSG Patch For 4-1/2" Casing	10,000 @ <150,000 # Tensile	11,222 @ 0 # Tensile 8,634 @ 220,000 # Tensile

TOPS (Estimated):

1653' Green River
 1883' Bird's Nest
 2271' Mahogany
 5085' Wasatch
 8258' Mesaverde
 10520' Bottom of Mesaverde (TD)

T.O.C.@3000'

GENERAL:

- A minimum of **16** tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Bakers Induction-Density-Neutron log dated 10/11/10
- **5** fracturing stages required for coverage.
- Procedure calls for **5** CBP's (**8000** psi).
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Pump scale inhibitor at 3 gal/1000 during pad and sand ramp up to 1.25ppg. Pump at 10 gal/1000 during flush.
- 30/50 mesh Ottawa sand, **Slickwater frac.**
- Maximum surface pressure **7000** psi.

- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). Stage acid and scale inhibitor if necessary to cover the next perforated interval.
- **Call flush at 0 PPG @ inline densimeters. Slow to 5 bbl/min over last 10-20 bbls of flush. Flush to top perf.**
- **If distance between plug and top perf of previous stage is less than 50', it is considered to be tight spacing - over flush stage by 5 bbls (from top perf)**
- Service companies need to provide surface/production annulus pop-offs to be set for 1500 psi for each frac.
- Pump a **curable resin coated sand (such as SLC)** last 5,000# of all frac stages

Note: Equipment to have on location:

- a. 2 jts 4-1/2" x 11.6# x 8rd
- b. 2 jts 4-1/2" x 11.6" x Butress
- c. Butress x 8rd change overs.
- d. Elevators for 4-1/2" csg.
- e. Tongs for 4-1/2" csg.
- f. All Weatherford well head parts needed, with Weatherford hand.

PROCEDURE: Prior to initiating back-off or casing cutting activities the BLM will be notified. No work will be accomplished prior to notifying the appropriate BLM representative.

1. MIRU service rig. Check & bleed pressure off 4 1/2" prod csg x 8 5/8" surf csg annulus.
2. If a casing backoff can be performed, proceed with Step 4. If a casing patch will be run, proceed with Step 11.
3. PU 4 1/2" internal casing cutter on 10' X 2 3/8" L-80 8RD tbg sub & RIH. RU pwr swivel & cut off 4 1/2" prod csg 2' below mandrel hanger.
4. POOH & LD cutting tools, LD mandrel hanger & 2' x 4 1/2" csg stub.
5. PU 7 3/8" OD overshot w/ 4 1/2" grapple & RIH. Latch fish.
6. MIRU wireline w/ lubricator. PU string shot & RIH. Shoot @ ~46'. (csg collar below 4' landing sub)
7. Back off csg @ ~46' & POOH. LD csg.
8. PU new 4 1/2" 11.6# csg jt, 10' x 4 1/2" csg sub & rih. Screw into csg. Pull 80 – 100k lbs. Install C-22 csg slips. Pressure tst csg to 7000 psi. Casing will be tested to 200 psi, 2,000 psi and finally 7,000 psi with each step held and charted for 10 minutes. Final pressure to be held for 30 minutes. Check for communication at each step. Land csg & install WH. Pressure test annulus to 50 psi, 200 psi and 900 psi. with each step held and charted for 10 minutes. Check for communication at each step.
9. Continue with completion procedure at Step 16.
10. PU 4 1/2" mechanical internal csg cutter on 2 3/8" L-80 8RD tbg jt & RIH. RU pwr swivel & cut off 4 1/2" prod csg @ +/- 35'. POOH, LD tbg and csg cutter.

11. POOH, LD 4' x 4 1/2" landing sub, mandrel hanger & cut off 4 1/2" prod csg.
12. PU Logan Oil Tools 10,000 psi 4 1/2" external csg patch, 1 jt 11.6# 1-80 Buttress csg w/crossover subs to 6" drl collar & bmp sub. Work csg patch over fish top.
13. PU 80,000 lbs. LD bumper sub and drill collar. Pressure test 4 1/2" csg to 7000 psi. Pressure test csg to 7000 psi. Casing will be tested to 200 psi, 2,000 psi and finally 7,000 psi with each step held and charted for 10 minutes. Final pressure to be held for 30 minutes. Check for communication at each step. Hold and record pressure for 30 minutes. Check for communication. Pressure test annulus to 50 psi, 200 psi and 900 psi. with each step held and charted for 10 minutes.
14. Install Weatherford C-22 slips & land csg in 60,000 - 80,000 lbs tension.
15. Cut off 4 1/2" csg stub. Bevel cut to the inside as directed by wellhead recommendation.
16. NU and test BOP. RIH 3 7/8" mill and clean out to PBTD @ ~ 10462' if possible, or to 10442' at a minimum. Circulate hole clean with recycled water. POOH. Run CBL (if needed).
17. ND BOPs and NU frac valves. Test frac valves and casing to 500, 2500 and 7000 psi for 15 minutes each. Test 4-1/2 x 8-5/8" annulus to 200 and 900 psi for 15 minutes each. As per standard operating procedure install steel blowdown line to reserve pit from 4-1/2" X 8-5/8" annulus with pressure relief valve in line. Pressure relief will be set to release at 500 psig. Annulus will be monitored throughout stimulation. If release occurs, stimulation will be shut down. Well conditions will be assessed and actions taken as necessary to secure the well. UDOGM will be notified if a release to the annulus occurs.
18. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

i. Zone	From	To	spf	# of shots
ii. MESAVERDE	10294	10296	3	6
iii. MESAVERDE	10334	10338	2	8
iv. MESAVERDE	10410	10412	3	6
19. Breakdown perfs and establish injection rate (include scale inhibitor in fluid). Spot 250 gal of 15% HCl and let soak. Fracture as outlined in Stage 1 on attached listing. Under-displace to ~10294' and trickle 250gal 15%HCL w/ scale inhibitor in flush .
20. Set 8000 psi CBP at ~10032'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

i. Zone	From	To	spf	# of shots
ii. MESAVERDE	9862	9864	2	4
iii. MESAVERDE	9926	9928	3	6
iv. MESAVERDE	9958	9960	3	6
v. MESAVERDE	10000	10002	3	6
21. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~9862' and trickle 250gal 15%HCL w/ scale inhibitor in flush. NOTE: TIGHT SPACING - OVERFLUSH BY 5 BBL
22. Set 8000 psi CBP at ~9820'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

i. Zone	From	To	spf	# of shots
ii. MESAVERDE	9564	9566	2	4

iii.	MESAVERDE	9624	9626	2	4
iv.	MESAVERDE	9672	9674	2	4
v.	MESAVERDE	9714	9716	3	6
vi.	MESAVERDE	9788	9790	3	6

23. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~9564' trickle 250gal 15%HCL w/ scale inhibitor in flush.

24. Set 8000 psi CBP at ~9048'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

i.	Zone	From	To	spf	# of shots
ii.	MESAVERDE	8846	8848	2	4
iii.	MESAVERDE	8874	8876	2	4
iv.	MESAVERDE	8918	8920	2	4
v.	MESAVERDE	9014	9018	2	8

25. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 4 on attached listing. Under-displace to ~8846' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
NOTE: TIGHT SPACING - OVERFLUSH BY 5 BBL

26. Set 8000 psi CBP at ~8824'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

i.	Zone	From	To	spf	# of shots
ii.	MESAVERDE	8646	8648	2	4
iii.	MESAVERDE	8724	8728	2	8
iv.	MESAVERDE	8790	8794	2	8

27. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 5 on attached listing. Under-displace to ~8646' and flush only with recycled water.

28. Set 8000 psi CBP at~8596'.

29. ND Frac Valves. NU and Test BOPs

30. TIH with 3 7/8" bit, pump off sub, SN and tubing.

31. Drill plugs and clean out to PBTD. Shear off bit and land tubing at ±9832' unless indicated otherwise by the well's behavior.

32. Clean out well with foam and/or swabbing unit until steady flow has been established from completion.

33. RDMO

**For design questions, please call
Michael Sollee, Denver, CO
(720)-929-6057 (Office)**

**For field implementation questions, please call
Jeff Samuels Vernal, UT
435-781-9770 (Office)**

NOTES:

Tight spacing on stages 2,4

SET BRIDGE PLUGS AS DEEP AS POSSIBLE ON EACH STAGE, NO LESS THAN 10' ABOVE PERFS FROM PREVIOUS STAGE

Fracturing Schedules										Swabbing Days		Production Log		DFIT							
Name NBU 920-271										0		0		0							
Slickwater Frac										0		0		0							
Copy to new book										Recomplete? N		Pad? Y		ACTS? Y							
Stage	Zone	Perfs Top, ft.	Perfs Bot, ft.	SPF	Holes	Rate BPM	Fluid Type	Initial ppg	Final ppg	Fluid	Volume gals	Cum Vol gals	Volume BBLs	Cum Vol BBLs	Fluid % of frac	Sand % of frac	Sand lbs	Cum. Sand lbs	Footage from CBP to Flush	Scale Inhib., gal.	
1	MESAVERDE	10294	10296	3	6	Varied	Pump-in test			Slickwater		0	0	0							65
	MESAVERDE	10334	10338	2	8	0	ISIP and 5 min ISIP			Slickwater	5,186	5,186	123	123	15.0%	0.0%	0	0			16
	MESAVERDE	10410	10412	3	6	50	Slickwater Pad	0.25	1.25	Slickwater	9,795	14,980	233	357	20.3%	19.4%	7,346	7,346			29
	MESAVERDE					50	SW Sweep	0	0	Slickwater	0	14,980	0	357	0.0%	0.0%	0	0			0
	MESAVERDE					50	Slickwater Ramp	1.25	1.5	Slickwater	9,795	24,775	233	590	28.3%	35.5%	13,468	20,814			0
	MESAVERDE					50	SW Sweep	0	0	Slickwater	0	24,775	0	590	0.0%	0.0%	0	20,814			0
	MESAVERDE					50	Slickwater Ramp	0.5	1.5	Slickwater	0	24,775	0	590	0.0%	0.0%	0	20,814			0
	MESAVERDE					50	Slickwater Ramp	1.5	2	Slickwater	9,795	34,570	233	823	20.3%	45.2%	17,141	37,955			0
	MESAVERDE					50	Flush (4-1/2)			Slickwater	6,720	41,290	160	983				37,955			65
	MESAVERDE					50	ISIP and 5 min ISIP			Slickwater		41,290									176
		# of Perfs/stage			Look	20										Flush depth 10294	gal/md-ft 100,000	CBP depth 10,032	109,792	lbs sand/md-ft 262	
						19.7	<< Above pump time (min)														
2	MESAVERDE	9862	9864	2	4	Varied	Pump-in test			Slickwater		0	0	0							
	MESAVERDE	9926	9928	3	6	0	ISIP and 5 min ISIP			Slickwater	7,266	7,266	173	173	15.0%	0.0%	0	0			22
	MESAVERDE	10000	10002	3	6	50	Slickwater Pad	0.25	1.25	Slickwater	13,725	20,992	327	500	20.3%	19.4%	10,294	10,294			41
	MESAVERDE					50	SW Sweep	0	0	Slickwater	0	20,992	0	500	0.0%	0.0%	0	10,294			0
	MESAVERDE					50	Slickwater Ramp	1.25	1.5	Slickwater	13,725	34,717	327	827	28.3%	35.5%	18,872	29,166			0
	MESAVERDE					50	SW Sweep	0	0	Slickwater	0	34,717	0	827	0.0%	0.0%	0	29,166			0
	MESAVERDE					50	Slickwater Ramp	0.5	1.5	Slickwater	0	34,717	0	827	0.0%	0.0%	0	29,166			0
	MESAVERDE					50	Slickwater Ramp	1.5	2	Slickwater	13,725	48,443	327	1,153	28.3%	45.2%	24,019	53,186			0
	MESAVERDE					50	Flush (4-1/2)			Slickwater	6,438	54,880	153	1,307				53,186			64
	MESAVERDE					50	ISIP and 5 min ISIP			Slickwater		54,880									127
		# of Perfs/stage			Look	22										Flush depth 9862	gal/md-ft 45,000	CBP depth 9,820	49,406	lbs sand/md-ft 42	
						26.1	<< Above pump time (min)														
3	MESAVERDE	9564	9566	2	4	Varied	Pump-in test			Slickwater		0	0	0							
	MESAVERDE	9624	9626	2	4	0	ISIP and 5 min ISIP			Slickwater	9,093	9,093	216	216	15.0%	0.0%	0	0			27
	MESAVERDE	9672	9674	2	4	50	Slickwater Pad	0.25	1.25	Slickwater	17,176	26,268	409	625	28.3%	19.4%	12,882	12,882			52
	MESAVERDE	9714	9716	3	6	50	SW Sweep	0	0	Slickwater	0	26,268	0	625	0.0%	0.0%	0	12,882			0
	MESAVERDE	9788	9790	3	6	50	Slickwater Ramp	1.25	1.5	Slickwater	17,176	43,444	409	1,034	28.3%	36.5%	23,616	36,498			0
	MESAVERDE					50	SW Sweep	0	0	Slickwater	0	43,444	0	1,034	0.0%	0.0%	0	36,498			0
	MESAVERDE					50	Slickwater Ramp	0.5	1.5	Slickwater	0	43,444	0	1,034	0.0%	0.0%	0	36,498			0
	MESAVERDE					50	Slickwater Ramp	1.5	2	Slickwater	17,176	60,620	409	1,443	28.3%	45.2%	30,057	66,555			0
	MESAVERDE					50	Flush (4-1/2)			Slickwater	6,243	66,863	149	1,592				66,555			59
	MESAVERDE					50	ISIP and 5 min ISIP			Slickwater		66,863									138
		# of Perfs/stage			Look	24										Flush depth 9564	gal/md-ft 45,000	CBP depth 9,048	49,406	lbs sand/md-ft 516	
						31.8	<< Above pump time (min)														
4	MESAVERDE	8846	8848	2	4	Varied	Pump-in test			Slickwater		0	0	0							
	MESAVERDE	8874	8876	2	4	0	ISIP and 5 min ISIP			Slickwater	9,844	9,844	234	234	15.0%	0.0%	0	0			30
	MESAVERDE	8918	8920	2	4	50	Slickwater Pad	0.25	1.25	Slickwater	18,595	28,439	443	677	28.3%	18.6%	13,946	13,946			56
	MESAVERDE	9014	9018	2	8	50	SW Sweep	0	0	Slickwater	0	28,439	0	677	0.0%	0.0%	0	13,946			0
	MESAVERDE					50	Slickwater Ramp	1.25	1.5	Slickwater	18,595	47,033	443	1,120	28.3%	34.1%	25,568	39,514			0
	MESAVERDE					50	SW Sweep	0	0	Slickwater	5,250	52,283	125	1,245	0.0%	0.0%	0	39,514			0
	MESAVERDE					50	Slickwater Ramp	0.5	1.5	Slickwater	3,000	55,283	71	1,316	4.0%	4.0%	3,000	42,514			0
	MESAVERDE					50	Slickwater Ramp	1.5	2	Slickwater	18,595	73,878	443	1,759	28.3%	43.4%	32,541	75,054			0
	MESAVERDE					50	Flush (4-1/2)			Slickwater	5,775	79,653	137	1,896				75,054			57
	MESAVERDE					50	ISIP and 5 min ISIP			Slickwater		79,653									143
		# of Perfs/stage			Look	20										Flush depth 8846	gal/md-ft 45,000	CBP depth 8,824	51,463	lbs sand/md-ft 22	
						37.9	<< Above pump time (min)														
5	MESAVERDE	8646	8648	2	4	Varied	Pump-in test			Slickwater		0	0	0							
	MESAVERDE	8724	8726	2	8	0	ISIP and 5 min ISIP			Slickwater	4,128	4,128	98	98	15.0%	0.0%	0	0			12
	MESAVERDE	8790	8794	2	8	50	Slickwater Pad	0.25	1.25	Slickwater	7,798	11,926	186	284	28.3%	19.4%	5,848	5,848			23
	MESAVERDE					50	SW Sweep	0	0	Slickwater	0	11,926	0	284	0.0%	0.0%	0	5,848			0
	MESAVERDE					50	Slickwater Ramp	1.25	1.5	Slickwater	7,798	19,724	186	470	28.3%	35.5%	10,722	16,571			0
	MESAVERDE					50	SW Sweep	0	0	Slickwater	0	19,724	0	470	0.0%	0.0%	0	16,571			0
	MESAVERDE					50	Slickwater Ramp	0.5	1.5	Slickwater	0	19,724	0	470	0.0%	0.0%	0	16,571			0
	MESAVERDE					50	Slickwater Ramp	1.5	2	Slickwater	7,798	27,522	186	655	28.3%	45.2%	13,646	30,217			0
	MESAVERDE					50	Flush (4-1/2)			Slickwater	5,644	33,166	134	790				30,217			0
	MESAVERDE					50	ISIP and 5 min ISIP			Slickwater		33,166									36
		# of Perfs/stage			Look	20										Flush depth 8646	gal/md-ft 45,000	CBP depth 8,596	49,406	lbs sand/md-ft 90	
						15.8	<< Above pump time (min)														
Totals											Total Fluid	275,852 gals	6,668 bbls	Total Sand	262,967 lbs	Total Scale Inhib. =	619 gal.				
						2.2															

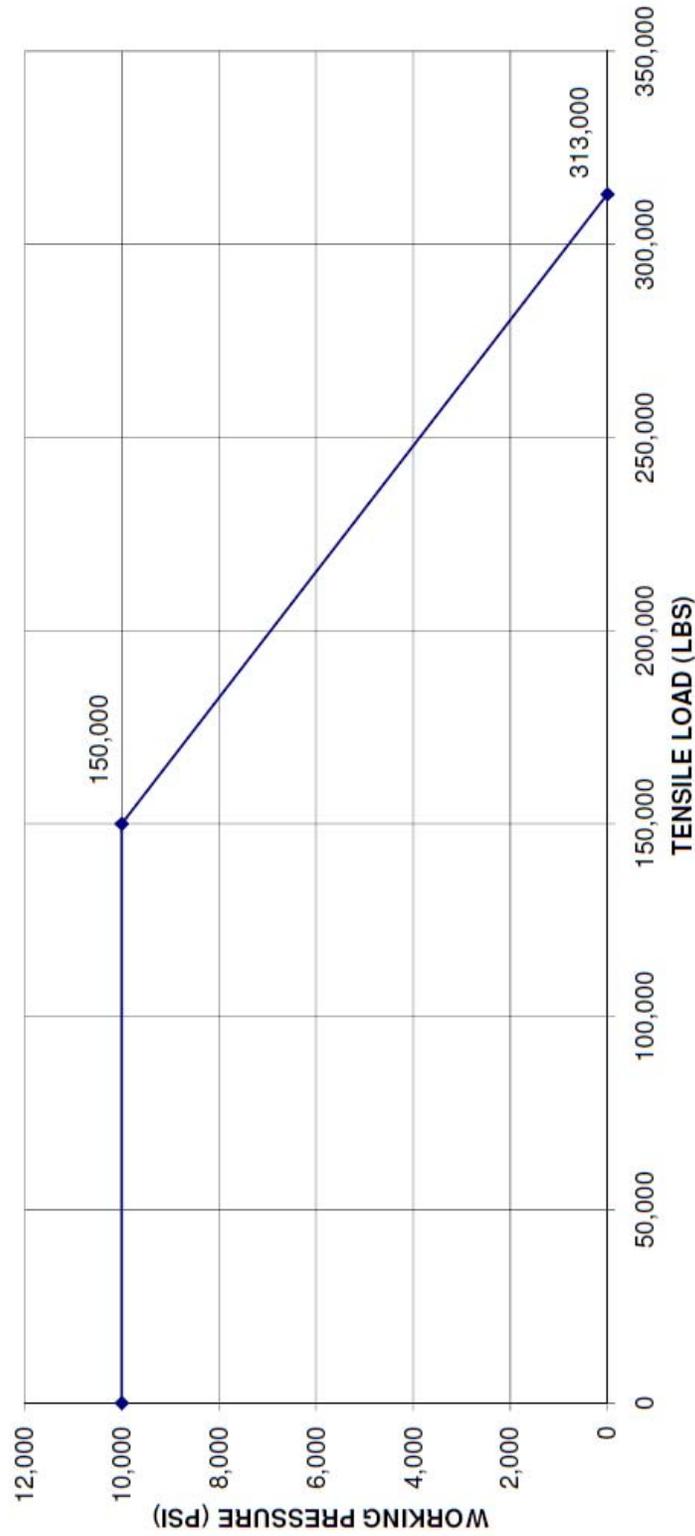
Total Stages	5	stages		
Last Stage Flush	8646	gals		
Service Company Supplied Chemicals - Job Totals				
Friction Reducer	134	gals @	0.5	GPT
Surfactant	267	gals @	1.0	GPT
Clay Stabilizer	267	gals @	1.0	GPT
15% Hcl	1250	gals @	250	gal/stg
Iron Control for acid	6	gals @	5.0	GPT of aci
Surfactant for acid	1	gals @	1.0	GPT of aci
Corrosion Inhibitor for acid	3	gals @	2.0	GPT of aci

Third Party Supplied Chemicals Job Totals - Include Pumping Charge if Applicable
 Scale Inhibitor 810 gals pumped per schedule above
 Biocide 134 gals @ 0.5 GPT

Name NBU 920-271
 Perforation and CBP Summary

Stage	Zones	Perforations		SPF	Holes	Fracture Coverage		
		Top, ft	Bottom, ft					
1	MESAVERDE	10294	10296	3	6	10292	to	10301
	MESAVERDE	10334	10338	2	8	10324	to	10339
	MESAVERDE	10410	10412	3	6	10396	to	10415
	MESAVERDE							
	MESAVERDE							
	MESAVERDE							
	MESAVERDE							
	# of Perfs/stage				Look 20	CBP DEPTH	10,032	
2	MESAVERDE	9862	9864	2	4	9858.5	to	9866.5
	MESAVERDE	9926	9928	3	6	9920	to	9930.5
	MESAVERDE	9958	9960	3	6	9952.5	to	9972
	MESAVERDE	10000	10002	3	6	9993.5	to	10011
	MESAVERDE							
	MESAVERDE							
	MESAVERDE							
	# of Perfs/stage				Look 22	CBP DEPTH	9,820	
3	MESAVERDE	9564	9566	2	4	9550.5	to	9581.5
	MESAVERDE	9624	9626	2	4	9612.5	to	9630.5
	MESAVERDE	9672	9674	2	4	9657.5	to	9678.5
	MESAVERDE	9714	9716	3	6	9697	to	9732
	MESAVERDE	9788	9790	3	6	9782	to	9806.5
	MESAVERDE							
	MESAVERDE							
	# of Perfs/stage				Look 24	CBP DEPTH	9,048	
4	MESAVERDE	8846	8848	2	4	8838	to	8852
	MESAVERDE	8874	8876	2	4	8870	to	8885
	MESAVERDE	8918	8920	2	4	8887.5	to	8930.5
	MESAVERDE	9014	9018	2	8	8996.5	to	9043
	MESAVERDE							
	MESAVERDE							
	MESAVERDE							
	# of Perfs/stage				20	CBP DEPTH	8,824	
5	MESAVERDE	8646	8648	2	4	8632	to	8669.5
	MESAVERDE	8724	8728	2	8	8719.5	to	8734
	MESAVERDE	8790	8794	2	8	8781	to	8796
	MESAVERDE							
	MESAVERDE							
	MESAVERDE							
	MESAVERDE							
	# of Perfs/stage				Look 20	CBP DEPTH	8,596	
	Totals				106			

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

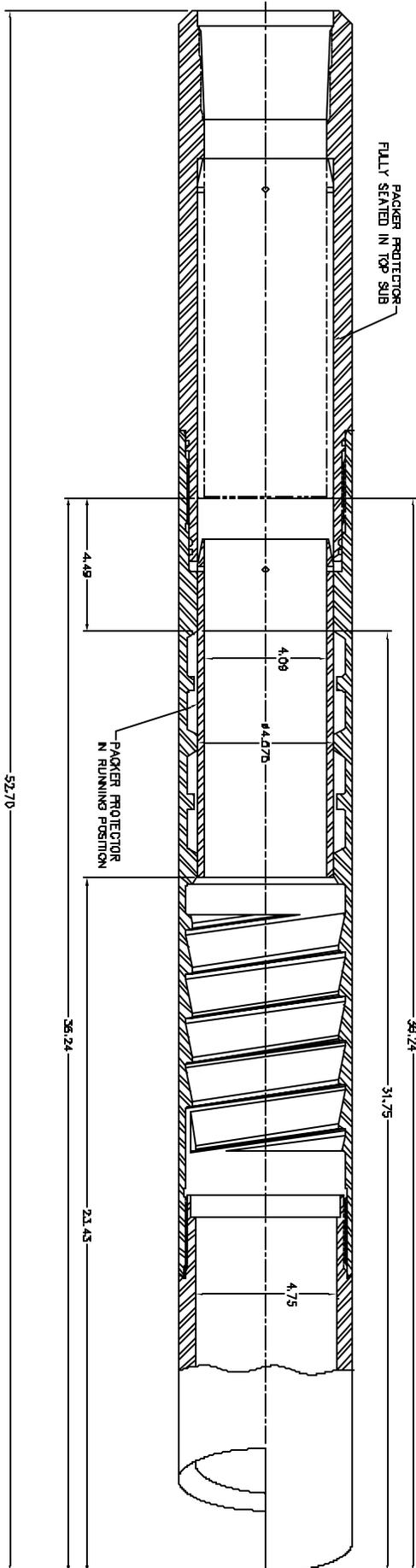


COLLAPSE PRESSURE:
 11,222 PSI @ 0 TENSILE
 8,634 PSI @ 220K TENSILE

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

DATA BY SLS 11/16/2009

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





Logan High Pressure Casing Patches Assembly Procedure

All parts should be thoroughly greased before being assembled.

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

Follow recommended Make-Up Torque as provided in chart.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0582
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 920-271
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047379050000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2152 FSL 0491 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 27 Township: 09.0S Range: 20.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 12/15/2010	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

THE SUBJECT WELL WAS PLACED ON PRODUCTION ON DECEMBER 15, 2010 AT 12:00 P.M. THE CHRONOLOGICAL WELL HISTORY WILL BE SUBMITTED WITH THE WELL COMPLETION REPORT.

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

NAME (PLEASE PRINT) Gina Becker	PHONE NUMBER 720 929-6086	TITLE Regulatory Analyst II
SIGNATURE N/A		DATE 12/15/2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU0582

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

2. Name of Operator
KERR MCGEE OIL & GAS ONSHORE; Contact: GINA T. BECKER
 Email: gina.becker@anadarko.com

3. Address POBOX 179779 DENVER, CO 80217
 3a. Phone No. (include area code) Ph: 720-929-6086

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface NESE 2152FSL 491FEL 40.00451 N Lat, 109.64468 W Lon
 At top prod interval reported below NESE 2152FSL 491FEL 40.00451 N Lat, 109.64468 W Lon
 At total depth NESE 2152FSL 491FEL 40.00451 N Lat, 109.64468 W Lon

6. If Indian, Allottee or Tribe Name
 7. Unit or CA Agreement Name and No. UTU63047A
 8. Lease Name and Well No. NBU 920-271
 9. API Well No. 43-047-37905
 10. Field and Pool, or Exploratory NATURAL BUTTES
 11. Sec., T., R., M., or Block and Survey or Area Sec 27 T9S R20E Mer SLB
 12. County or Parish UINTAH
 13. State UT
 14. Date Spudded 05/19/2010
 15. Date T.D. Reached 10/10/2010
 16. Date Completed D & A Ready to Prod. 12/15/2010
 17. Elevations (DF, KB, RT, GL)* 4841 GL
 18. Total Depth: MD 10520 TVD 10519
 19. Plug Back T.D.: MD 10463 TVD 10462
 20. Depth Bridge Plug Set: MD TVD
 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL/GR-HDIL/ZDL/CNGR
 22. Was well cored? No Yes (Submit analysis)
 Was DST run? No Yes (Submit analysis)
 Directional Survey? No Yes (Submit analysis)

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20.000	14.000 STL	36.7		40		28			
11.000	8.625 IJ-55	28.0		2821		570			
7.875	4.500 I-80	11.6		9578		1847			
7.875	4.500 P110	11.6	9578	10507					

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	9826							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	8646	10412	8646 TO 10412	0.360	106	OPEN
B) WSNVD						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8646 TO 10412	PUMP 7,203 BBLs SLICK H2O & 272,374 LBS 30/50 SAND

RECEIVED
JAN 25 2011
 DIV. OF OIL, GAS & MINING

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/15/2010	12/17/2010	24	→	0.0	1257.0	360.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
20/64	SI 975	1700.0	→	0	1257	360		PGW	

28a. Production - Interval B

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

28b. Production - Interval C

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

28c. Production - Interval D

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

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

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
GREEN RIVER	1653				
BIRD'S NEST	1883				
MAHOGANY	2271				
WASATCH	5085				
MESAVERDE	8258	10520			

32. Additional remarks (include plugging procedure):

Attached is the chronological well history & final survey. Completion chrono details individual frac stages. A Sundry Notice was submitted 11/18/2011 for wellhead/casing repair work; repair work was concluded on 12/8/2010. This work is documented in attached chrono.

33. Circle enclosed attachments:

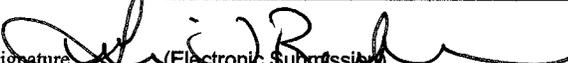
- 1. Electrical/Mechanical Logs (1 full set req'd.)
- 2. Geologic Report
- 3. DST Report
- 4. Directional Survey
- 5. Sundry Notice for plugging and cement verification
- 6. Core Analysis
- 7 Other:

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

**Electronic Submission #100775 Verified by the BLM Well Information System.
For KERR MCGEE OIL & GAS ONSHORE,L, sent to the Vernal**

Name (please print) GINA T. BECKER

Title REGULATORY ANALYST

Signature  (Electronic Submission)

Date 01/18/2011

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

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 920-271	Spud Conductor: 2/15/2009	Spud Date: 5/19/2010
Project: UTAH-UINTAH	Site: NBU 920-271	Rig Name No: PIONEER 69/69, PROPETRO/
Event: DRILLING	Start Date: 5/2/2010	End Date: 10/12/2010
Active Datum: RKB @4,859.00ft (above Mean Sea Level)	UWI: NBU 920-271	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
5/19/2010	7:00 - 13:00	6.00	DRLSUR	01	A	P		MIRU ON THE NBU 920-271
	13:00 - 0:00	11.00	DRLSUR	02	B	P		SPUD WELL 5-19-2010 @ 1300 DRILL F/ 40' - 1200' WOB 5-12 DHR 94 TABLE ROT 45-65 GPM 550 NO LOSSES LAST SURVEY 1530 1.7 DEG
5/20/2010	0:00 - 16:30	16.50	DRLSUR	02	B	P		DRILL F/ 1200' - 2830' T.D. 5-20-2010 @ 1630 WOB 5-12 DHR 94 TABLE ROT 45-65 GPM 550 NO LOSSES LAST SURVEY 2800' 1.4 DEG
	16:30 - 18:00	1.50	DRLSUR	05	C	P		CIRCULATE AND CONDITION MUD PRIOR TO LDDS
	18:00 - 22:00	4.00	DRLSUR	06	A	P		LDDS
	22:00 - 23:00	1.00	DRLSUR	12	A	P		RIG UP TO RUN CASING
	23:00 - 0:00	1.00	DRLSUR	12	C	P		RUN 8.625 28# J-55 8RD LTC CASING
5/21/2010	0:00 - 2:30	2.50	DRLSUR	12	C	P		RUN 63 JOINTS OF 8 5/8 28# J-55 8RD LTC CASING SHOE AT 2806'
	2:30 - 4:00	1.50	DRLSUR	12	A	P		LAND CASING CIRCULATE HOLE AND RIG DOWN RELEASE RIG 5-21-2010 @ 0400
	4:00 - 6:00	2.00	DRLSUR	12	E	P		TEST LINES TO 2000' PSI, PUMP 140 BBLs OF H2O , PUMP 20 BBLs OF GEL WATER. PUMP 220 (149 BBLs) SX OF 11#, 3.82 YD, 23 GAL SX HI FILL LEAD CEMENT. PUMP 175 SX (35.8 BBLs) OF 15.8#, 1.15 YD, 5 GAL/SK TAIL CEMENT, DROP PLUG ON FLY AND DISPLACE W/ 166 BBLs OF 8.3# H2O, 15BBLs OF LEAD TO SURFACE W/ 500 PSI OF LIFT @ 5 BBLs/MIN. W/ LAND PLUG 1000 PSI AND CHECK FLOAT. FLOAT HELD. PUMP 175 SX (35.8 BBLs) OF 4% CALC 15.8# 1.15 YD, 5 GAL/SK CEMENT DOWN 1". CEMENT TO SURFACE.
9/28/2010	14:00 - 0:00	10.00	RDMO	01	E	P		RDRT, PREPARE RIG F/ 1/4 MILE MOVE
9/29/2010	0:00 - 7:00	7.00	RDMO	01	E	P		RDRT
	7:00 - 13:00	6.00	RDMO	01	A	P		SAFETY MEETING W/ WEST ROC,J&C CRANE, MOUNTAIN WEST, LOAD OUT TRUCKS, MOVE RIG 1/4 MILE,SET IN SUB,Y-BASE,BOAT, RIG,PITS,PUMPS,FUEL
	13:00 - 21:30	8.50	RDMO	01	B	P		TANK,L/P,ACCUMULATORS RURT ,AIR,ELECTRIC,FUEL ,WATER,HYDRAULICS, SCOPE SUB, RAISE & SCOPE DERRICK, R/U PUMPS,PITS, FLARE LINES, FLOOR, 5 BED TRUCKS, 1 HAUL TRUCKS, 1 FORK LIFTS, CRANE ON LOCATION @ 0700, TRUCKS RELEASED @ 13:00, CRANE RELEASED @ 14:00
9/30/2010	21:30 - 23:30	2.00	RDMO	14	A	P		NU THE BOP
	23:30 - 0:00	0.50	RDMO	15	A	P		HELD A S/M W/ B&C TESTERS AND BEGAN TESTING THE BOP
	0:00 - 3:00	3.00	DRLPRO	15	A	P		TESTED THE BOP, PIPE RAMS, BLIND RAMS, CHOKE LINE, MANIFLOD VALVES, UPPER/LOWER KELLY VALVES, FLOOR VALVE, KILL LINE TO 250#/5 MIN AND 5000#/10 MIN. TESTED THE ANNULAR AT 250/5 MIN. 2500#/ 10 MIN. TESTED THE SURFACE CASING TO 1500#/30 MIN.
9/30/2010	3:00 - 3:30	0.50	DRLPRO	14	B	P		INSTALL THE WEAR BUSHING
	3:30 - 5:00	1.50	DRLPRO	06	A	P		HELD A SAFETY MEETING W/ KIMSEY AND RIGGED UP THE LD TRUCK

US ROCKIES REGION
Operation Summary Report

Well: NBU 920-271		Spud Conductor: 2/15/2009		Spud Date: 5/19/2010	
Project: UTAH-UINTAH		Site: NBU 920-271		Rig Name No: PIONEER 69/69, PROPETRO/	
Event: DRILLING		Start Date: 5/2/2010		End Date: 10/12/2010	
Active Datum: RKB @4,859.00ft (above Mean Sea Level)			UWI: NBU 920-271		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	5:00 - 9:30	4.50	DRLPRO	06	A	P		PU A Q505FX BIT .21 RPG 1.5 DEG. BENT MOTOR, MWD TOOLS AND SCRIBED THE ASSEMBLY. FINISHED PU THE BHA AND DP TIH TO 2627'
	9:30 - 11:00	1.50	DRLPRO	09	A	P		CUT AND SLIP 125' OF DRILLING LINE
	11:00 - 12:30	1.50	DRLPRO	14	B	P		INSTALED THE ROTATING RUBBER. PU THE KELLY AND INSTALLED DRIVE BUSHINGS. CENTERED THE BOP AND TIGHTENED THE DRESSER SLEAVE ON THE FLOW LINE.
	12:30 - 16:30	4.00	DRLPRO	02	F	P		TAGGED CEMENT @ 2672' DRILLING CEMENT AND FLT EQUIP. TO 2844'
	16:30 - 17:00	0.50	DRLPRO	02	B	P		DRILLED F/ 2844' - 2911' 67'/.5 HR 134'/HR 120 STK/454 GPM 95 RPM/MM 50 RPM/ROTARY. 15-18K WOB, ON BOTTOM/ OFF BOTTOM 1200/960, DIFF. 150 - 300#. PU/SO/ROT 95/85/90. WATER AND POLY
	17:00 - 17:30	0.50	DRLPRO	07	A	P		RIG SERVICE
	17:30 - 21:00	3.50	DRLPRO	02	B	P		DRILLED F/ 2911' - 3195' 284'/3.5 HR 81.2'/HR 120 STK/454 GPM 95 RPM/MM 50 RPM/ROTARY. 15-18K WOB, ON BOTTOM/ OFF BOTTOM 1200/960, DIFF. 150 - 300#. PU/SO/ROT 98/87/94. WATER AND POLY
	21:00 - 0:00	3.00	DRLPRO	08	A	Z		RIG REPAIR WORK ON THE ROTARY DRIVE MOTOR WIRING HARNESS AND FAN BLADE.
10/1/2010	0:00 - 2:00	2.00	DRLPRO	08	A	Z		REPLACED THE FAN ON THE ROTARY ENGINE
	2:00 - 10:00	8.00	DRLPRO	02	B	P		DRILLED F/ 3195'-3796' 601'/8 HR 75.1'/HR, SLID 20' @ 320 AZM., 120 STK/454 GPM 95 RPM/MM 50 RPM/ROTARY. 17-20K WOB, ON BOTTOM/ OFF BOTTOM 1325/1005, DIFF. 200-375#. PU/SO/ROT 105/90/98. WATER AND POLY, WATER FLOW
	10:00 - 10:30	0.50	DRLPRO	07	A	P		RIG SERVICE
	10:30 - 12:00	1.50	DRLPRO	02	B	P		DRILLED F/ 3796'-3891',95'/1.5 HR 63.3'/HR, 120 STK/454 GPM 95 RPM/MM 50 RPM/ROTARY. 17-20K WOB, ON BOTTOM/ OFF BOTTOM 1325/1005, DIFF. 200-375#. PU/SO/ROT 107/92/100. WATER AND POLY FLARE 3-5' INCREASED TO 30'
	12:00 - 13:00	1.00	DRLPRO	22	C	X		TOOK A KICK @ 3891'. CIRCULATED THE GAS OUT THROUGH THE CHOKE.
	13:00 - 16:00	3.00	DRLPRO	02	B	P		DRILLED F/ 3891'-4207',315'/3 HR 105'/HR, 120 STK/454 GPM 95 RPM/MM 50 RPM/ROTARY. 17-20K WOB, ON BOTTOM/ OFF BOTTOM 975/700, DIFF. 200-375#. PU/SO/ROT 107/92/100. WATER AND POLY CIRCULATE THROUGH THE GAS BUSTER FLARE 5'-10' STARTED MUD UP @ 4100' FLARE WAS 15' INCREASING TO 30-40' LOST 300# OF PUMP PRESSURE.
	16:00 - 17:00	1.00	DRLPRO	22	C	X		STOPPED DRILLING TO GET WEIGHTED MUD CIRCULATED AROUND. WE WERE PICKING UP EXCESSIVE CONNECTION GAS. 40'+ FLARE FOR BOTTOMS UP
	17:00 - 0:00	7.00	DRLPRO	02	B	P		DRILLED F/ 4207'-4600',393'/7HR 56.1'/HR, SLID 5' @ 340 AZM,120 STK/454 GPM 95 RPM/MM 50 RPM/ROTARY. 17-20K WOB, ON BOTTOM/ OFF BOTTOM 1650/1420, DIFF. 200-375#. PU/SO/ROT 112/95/106. BROUGHT MUD TO 35 VIS 10.1 MW TO CONTROL GAS, @ 9.8 WT WE STILL HAD A SURGING 15' FLARE
10/2/2010	0:00 - 6:00	6.00	DRLPRO	02	B	P		DRILLED F/ 4600'-5030',430'/6HR 71.6'/HR,120 STK/454 GPM 95 RPM/MM 50 RPM/ROTARY. 18-21K WOB, ON BOTTOM/ OFF BOTTOM 1850/1565, DIFF. 200-375#. PU/SO/ROT 117/98/110. MUD 35 VIS 10.3 MW

US ROCKIES REGION
Operation Summary Report

Well: NBU 920-271	Spud Conductor: 2/15/2009	Spud Date: 5/19/2010
Project: UTAH-UINTAH	Site: NBU 920-271	Rig Name No: PIONEER 69/69, PROPETRO/
Event: DRILLING	Start Date: 5/2/2010	End Date: 10/12/2010
Active Datum: RKB @4,859.00ft (above Mean Sea Level)	UWI: NBU 920-271	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	6:00 - 17:00	11.00	DRLPRO	02	B	P		DRILLED F/ 5030'-5661',631'/11HR 60.1'/HR, SLID 20' @ 330 AZM,120 STK/454 GPM 95 RPM/MM 50 RPM/ROTARY. 18-21K WOB, ON BOTTOM/ OFF BOTTOM 1900/1650, DIFF. 200-375#. PU/SO/ROT 127/113/121. MUD 35 VIS 10.4 MW
	17:00 - 17:30	0.50	DRLPRO	07	A	P		RIG SERVICE
	17:30 - 0:00	6.50	DRLPRO	02	B	P		DRILLED F/ 5661'-5966,305'/6.5HR 46.9'/HR,SLID 20' @ 360 AZM.,110 STK/454 GPM 95 RPM/MM 50 RPM/ROTARY. 18-21K WOB, ON BOTTOM/ OFF BOTTOM 1955/1700, DIFF. 200-375#. PU/SO/ROT 130/115/125. MUD 35 VIS 10.3 MW
10/3/2010	0:00 - 6:00	6.00	DRLPRO	02	B	P		DRILLED F/ 5966'-6294',328'/6.5HR 54.6'/HR,120 STK/454 GPM 95 RPM/MM 50 RPM/ROTARY. 20-23K WOB, ON BOTTOM/ OFF BOTTOM 2040/1750, DIFF. 200-375#. PU/SO/ROT 135/110/125. MUD 35 VIS 10.3 MW
	6:00 - 15:30	9.50	DRLPRO	02	B	P		DRILLED F/ 6294'-6863,569'/9.5HR 59.9'/HR,SLID 10' @ 20 AZM.,110 STK/454 GPM 95 RPM/MM 50 RPM/ROTARY. 20-23K WOB, ON BOTTOM/ OFF BOTTOM 2150/1800, DIFF. 200-375#. PU/SO/ROT 150/130/140. MUD 37 VIS 10.4 MW
	15:30 - 16:00	0.50	DRLPRO	07	A	P		RIG SERVICE wORK PIPE RAMS AND ANNULAR
	16:00 - 0:00	8.00	DRLPRO	02	B	P		DRILLED F/ 6863'-7185',322'/8HR, 40.3'/HR,110 STK/454 GPM 95 RPM/MM 50 RPM/ROTARY. 20-23K WOB, ON BOTTOM/ OFF BOTTOM 2090/1830, DIFF. 200-300#. PU/SO/ROT 153/135/143. MUD 39 VIS 10.4 MW
10/4/2010	0:00 - 10:30	10.50	DRLPRO	02	B	P		DRILLED F/ 7185'-7496',311'/10.5HR, 29.6'/HR,SLID 6'@ 160 AZM.,110 STK/454 GPM 95 RPM/MM 50 RPM/ROTARY. 20-23K WOB, ON BOTTOM/ OFF BOTTOM 2090/1830, DIFF. 200-300#. PU/SO/ROT 158/140/150. MUD 40 VIS 10.4 MW
	10:30 - 11:00	0.50	DRLPRO	07	A	P		RIG SERVICE
	11:00 - 20:30	9.50	DRLPRO	02	B	P		DRILLED F/ 7496'-7789',293'/9.5HR, 30.8'/HR,SLID 16'@ 220 AZM.,110 STK/454 GPM 95 RPM/MM 50 RPM/ROTARY. 23-25K WOB, ON BOTTOM/ OFF BOTTOM 2050/1840, DIFF. 175-300#. PU/SO/ROT 162/144/154. MUD 42 VIS 10.5 RAISING MUD WT. TOOK AN 6 BBL. KICK CIRCULATED IT OUT THROUGH THE CHOKE AND CONTINUED RAISING THE MUD WT. 42 VIS 10.9
	20:30 - 22:00	1.50	DRLPRO	05	B	S		
	22:00 - 0:00	2.00	DRLPRO	02	C	P		DRILLED F/ 7789'-7861',72'/2HR, 36'/HR,110 STK/454 GPM 95 RPM/MM 50 RPM/ROTARY. 23-25K WOB, ON BOTTOM/ OFF BOTTOM 2150/1850, DIFF. 200-300#. PU/SO/ROT 165/145/157. MUD 42 VIS 11.2
10/5/2010	0:00 - 6:00	6.00	DRLPRO	02	B	P		DRILLED F/ 7861'-8000',139'/6HR, 23.2'/HR,116 STK/439 GPM 92 RPM/MM 50 RPM/ROTARY. 23-25K WOB, ON BOTTOM/ OFF BOTTOM 2200/1920, DIFF. 200-300#. PU/SO/ROT 167/147/159. MUD 42 VIS 11.8 WT
	6:00 - 14:00	8.00	DRLPRO	02	B	P		DRILLED F/ 8000'-8191',191'/8HR, 23.9'/HR,SLID 3' @ 90 AZM. 116 STK/439 GPM 92 RPM/MM 50 RPM/ROT. 23-25K WOB, ON BOTTOM/ OFF BOTTOM 2225/1950, DIFF. 200-300#. PU/SO/ROT 170/148/160. MUD 44 VIS 12.2 WT RAISED MUD WT. BECAUSE OF SLOUGHING SHALE
	14:00 - 14:30	0.50	DRLPRO	07	A	P		RIG SERVICE

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 920-271		Spud Conductor: 2/15/2009	Spud Date: 5/19/2010
Project: UTAH-UINTAH		Site: NBU 920-271	Rig Name No: PIONEER 69/69, PROPETRO/
Event: DRILLING		Start Date: 5/2/2010	End Date: 10/12/2010
Active Datum: RKB @4,859.00ft (above Mean Sea Level)		UWI: NBU 920-271	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	14:30 - 0:00	9.50	DRLPRO	02	B	P		DRILLED F/ 8191'- 8413',222'/9.5HR, 24.7'/HR,116 STK/439 GPM 92 RPM/MM 50 RPM/ROT. 23-25K WOB, ON BOTTOM/ OFF BOTTOM 2360/2180, DIFF. 150-250#. PU/SO/ROT 170/150/160. MUD 44 VIS 12.4 WT
10/6/2010	0:00 - 4:30	4.50	DRLPRO	02	B	P		DRILLED F/ 8413'-8515',102'/4.5HR, 22.7'/HR,116 STK/439 GPM 92 RPM/MM 50 RPM/ROT. 23-25K WOB, ON BOTTOM/ OFF BOTTOM 2360/2180, DIFF. 150-250#. PU/SO/ROT 170/150/160. MUD 44 VIS 12.4 WT
	4:30 - 5:30	1.00	DRLPRO	05	C	P		CIRCULATE AND PUMP A 60 BBL. 13.2# PILL
	5:30 - 10:30	5.00	DRLPRO	06	A	P		TOH AND L/D THE .21 MUD MOTOR
	10:30 - 13:30	3.00	DRLPRO	06	A	P		P/U Q506F .16 MOTOR SCRIBE THE ASSEMBLY TIH TO THE CASING SHOE
	13:30 - 14:00	0.50	DRLPRO	07	A	P		FILL THE PIPE AND RIG SERVICE
	14:00 - 16:30	2.50	DRLPRO	06	A	P		TIH FILLED PIPE @ 6000'
	16:30 - 0:00	7.50	DRLPRO	02	B	P		DRILLED F/ 8515'-8643',128'/7.5HR, 17.1'/HR,110 STK/416 GPM 67 RPM/MM 50 RPM/ROT. 23-25K WOB, ON BOTTOM/ OFF BOTTOM 2500/2300, DIFF. 150-250#. PU/SO/ROT 170/150/157. MUD 43 VIS 12.3 WT WE HAD A LOT OF CLAY F/8540-8640' BALLING PROBLEMS
10/7/2010	0:00 - 6:00	6.00	DRLPRO	02	B	P		DRILLED F/ 8643'-8800',157'/6HR, 26.2'/HR,110 STK/416 GPM 67 RPM/MM 50 RPM/ROT. 15-21K WOB, ON BOTTOM/ OFF BOTTOM 2500/2330, DIFF. 150-250#. PU/SO/ROT 178/148/163. MUD 44 VIS 12.4 WT
	6:00 - 15:00	9.00	DRLPRO	02	B	P		DRILLED F/ 8800'-9016',216'/9HR, 24'/HR,110 STK/416 GPM 67 RPM/MM 50 RPM/ROT. 15-21K WOB, ON BOTTOM/ OFF BOTTOM 2550/2350, DIFF. 150-250#. PU/SO/ROT 185/150/170. MUD 47 VIS 12.4 WT
	15:00 - 15:30	0.50	DRLPRO	07	A	P		RIG SERVICE TEST PIPE RAMS
	15:30 - 0:00	8.50	DRLPRO	02	B	P		DRILLED F/ 9016'-9237',221'/8.5HR, 26.7'/HR,SLID 2'@ 360AZM.,110 STK/416 GPM 67 RPM/MM 50 RPM/ROT. 15-21K WOB, ON BOTTOM/ OFF BOTTOM 2530/2360, DIFF. 150-250#. PU/SO/ROT 185/160/170. MUD 48 VIS 12.5 WT
10/8/2010	0:00 - 6:00	6.00	DRLPRO	02	B	P		DRILLED F/ 9237'-9395',158'/6HR, 26.3'/HR,110 STK/416 GPM 67 RPM/MM 45 RPM/ROT. 12-21K WOB, ON BOTTOM/ OFF BOTTOM 2530/2360, DIFF. 150-250#. PU/SO/ROT 185/160/170. MUD 48 VIS 12.5 WT
	6:00 - 14:30	8.50	DRLPRO	02	B	P		DRILLED F/ 9395'-9679',284'/8.5HR, 33.4'/HR,110 STK/416 GPM 67 RPM/MM 45 RPM/ROT. 12-21K WOB, ON BOTTOM/ OFF BOTTOM 2540/2370, DIFF. 150-250#. PU/SO/ROT 195/158/173. MUD 48 VIS 12.9 WT W/ 12.5 IN WE HAD A .3-.5 GAS CUT OUT
	14:30 - 15:00	0.50	DRLPRO	07	B	P		RIG SERVICE
	15:00 - 0:00	9.00	DRLPRO	02	B	P		DRILLED F/ 9679'-9917',238'/9HR, 26.4'/HR,110 STK/416 GPM 67 RPM/MM 45 RPM/ROT. 12-21K WOB, ON BOTTOM/ OFF BOTTOM 2570/2370, DIFF. 150-250#. PU/SO/ROT 195/165/180. MUD 50 VIS 13.0 WT SEAPING APP 180 BBL/DAY
10/9/2010	0:00 - 6:00	6.00	DRLPRO	02	B	P		DRILLED F/ 9917'-10070',153'/6HR, 25.5'/HR,110 STK/416 GPM 67 RPM/MM 45 RPM/ROT. 12-21K WOB, ON BOTTOM/ OFF BOTTOM 2570/2370, DIFF. 150-250#. PU/SO/ROT 198/165/182. MUD 48 VIS 13.0 WT

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 920-271	Spud Conductor: 2/15/2009	Spud Date: 5/19/2010
Project: UTAH-UINTAH	Site: NBU 920-271	Rig Name No: PIONEER 69/69, PROPETRO/
Event: DRILLING	Start Date: 5/2/2010	End Date: 10/12/2010
Active Datum: RKB @4,859.00ft (above Mean Sea Level)	UWI: NBU 920-271	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	6:00 - 14:30	8.50	DRLPRO	02	B	P		DRILLED F/ 10070'-10248',178'/8.5HR, 20.9'/HR,110 STK/416 GPM 67 RPM/MM 45 RPM/ROT. 12-21K WOB, ON BOTTOM/ OFF BOTTOM 2570/2370, DIFF. 150-250#. PU/SO/ROT 203/166/184. MUD 48 VIS 13.0 WT
	14:30 - 15:00	0.50	DRLPRO	07	A	P		RIG SERVICE
	15:00 - 16:00	1.00	DRLPRO	02	B	P		DRILLED F/ 10248'-10268',20'/1HR, 20'/HR,110 STK/416 GPM 67 RPM/MM 45 RPM/ROT. 12-21K WOB, ON BOTTOM/ OFF BOTTOM 2570/2370, DIFF. 150-250#. PU/SO/ROT 203/166/184. MUD 48 VIS 13.0 WT
	16:00 - 16:30	0.50	DRLPRO	08	B	Z		RIG REPAIR/MUD PUMPS
	16:30 - 0:00	7.50	DRLPRO	02	B	P		DRILLED F/ 10268'-10437',169'/7.5HR, 22.5'/HR,110 STK/416 GPM 67 RPM/MM 45 RPM/ROT. 18-24K WOB, ON BOTTOM/ OFF BOTTOM 2570/2370, DIFF. 150-250#. PU/SO/ROT 205/168/187. MUD 48 VIS 13.0 WT
10/10/2010	0:00 - 4:00	4.00	DRLPRO	02	B	P		DRILLED F/ 10437'-10520',169'/4HR, 220.7'/HR,110 STK/416 GPM 67 RPM/MM 45 RPM/ROT. 18-24K WOB, ON BOTTOM/ OFF BOTTOM 2570/2370, DIFF. 150-250#. PU/SO/ROT 200/170/188. MUD 47 VIS 13.0 WT PROJ SURV. @ TD 10520: 1.23 DEG. 111.25 AZM. 4'N AND 4.5'E OF CENTER
	4:00 - 6:00	2.00	DRLPRO	05	C	P		CIRC. AND COND. FOR THE WIPER TRIP TO THE CASG SHOE.
	6:00 - 10:00	4.00	DRLPRO	06	E	P		TOH TO THE CASING SHOE 2800', SLIGHT OVER PULL @ 4550'
	10:00 - 11:00	1.00	DRLPRO	09	A	P		CUT AND SLIPPED 130' OF DRILLING LINE, FILL THE PIPE
	11:00 - 14:30	3.50	DRLPRO	06	E	P		TIH, FILL THE PIPE @ 5500' AND 8000', NO FILL ON BOTTOM
	14:30 - 16:30	2.00	DRLPRO	05	C	P		CIRCULATE FOR LOGS,PUMP 60 BBL. 14.5# PILL 10' FLARE ON BOTTOMS UP.
	16:30 - 23:30	7.00	DRLPRO	06	B	P		TOH STAND BACK FOR LOGS, 25K OVERPULL @ 4360'
	23:30 - 0:00	0.50	DRLPRO	11	D	P		HELD A S/M WITH BAKER ATLAS AND R/U LOGGERS
10/11/2010	0:00 - 9:30	9.50	DRLPRO	11	D	P		R/U BAKER ATLAS AND RAN TRIPLE COMBO LOG. DRILLERS TD 10520'/LOGGERS TD 10514'. LOGGED 10514' TO SURFACE.
	9:30 - 13:00	3.50	DRLPRO	06	A	P		TIH W/ THE BHA AND DP TO 5900'
	13:00 - 13:30	0.50	DRLPRO	07	A	P		RIG SERVICE
	13:30 - 0:00	10.50	DRLPRO	06	A	P		HELD A SAFETY MEETING W/ KIMSEY, R/U THE L/D CREW AND LDDP TO 900' TIH W/ THE REST OF THE STANDS AND FINISH LDDP, BHA, BREAK THE KELLY, REMOVE THE DRIVE BUSHINGS.
10/12/2010	0:00 - 1:00	1.00	DRLPRO	06	A	P		FINISH L/D THE BHA
	1:00 - 1:30	0.50	DRLPRO	14	B	P		PULL THE WEAR BUSHING
	1:30 - 2:30	1.00	DRLPRO	12	A	P		HELD A SAFETY MEETING AND R/U KIMSEY CASING CREW
	2:30 - 10:00	7.50	DRLPRO	12	C	P		RAN 22 JTS OF HCP 110/ 4.5"/ 11.6#/ BTC CASING, 227JTS / I-80, 4.5"/ 11.6#/ BTC + 2 MARKER JTS. TOTAL OF 251JTS RAN. LANDED @ 10507' SHOE/10505'.5, FC/10461.71 MARKER JT#1/ 8212.6' TO 8229.6', MARKER JT.#2/ 5040' TO 5052'
	10:00 - 11:30	1.50	DRLPRO	05	D	P		CIRCULATE RD THE CASING CREW AND RU BJ CEMENTERS

US ROCKIES REGION
Operation Summary Report

Well: NBU 920-271	Spud Conductor: 2/15/2009	Spud Date: 5/19/2010
Project: UTAH-UINTAH	Site: NBU 920-271	Rig Name No: PIONEER 69/69, PROPETRO/
Event: DRILLING	Start Date: 5/2/2010	End Date: 10/12/2010
Active Datum: RKB @4,859.00ft (above Mean Sea Level)	UWI: NBU 920-271	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	11:30 - 14:30	3.00	DRLPRO	12	E	P		PUMP CEMENT, 40 BBLs PREFLUSH, 650 SX 13.0#, 1.76 YLD LEAD, FOLLOWED BY 1197 SX 14.3#, 1.31 YLD TAIL, DISPLACE W/ 160 BBLs CLAY TREAT WATER, FINAL LIFT 3560 PSI, BUMP PLUG @ 4047 PSI, HELD PRESS 3 MIN., 2 BBL. BLED BACK TO TRUCK, FLOATS HELD, PD @ 14:20 10/12/2010, 10 BBLs LEAD CMT BACK TO PIT, EST TOP OF TAIL 4232', FLUSH BOP, WASH UP TRUCK, R/D CEMENTERS
	14:30 - 18:00	3.50	DRLPRO	14	A	P		ND THE BOP AND CLEAN PITS. RIG RELEASED @ 18:00 10/12/2010
	18:00 - 18:00	0.00	DRLPRO					CONDUCTOR CASING: Cond. Depth set: 40 Cement sx used: SPUD DATE/TIME: 5/19/2010 13:00 SURFACE HOLE: Surface From depth: 18 Surface To depth: 2,844 Total SURFACE hours: 27.50 Surface Casing size: 8 5/8 # of casing joints ran: 63 Casing set MD: 2,814.0 # sx of cement: 220/LEAD/ 175/TAIL 175/TOP OFF Cement blend (ppg:) 11#/LEAD 15.8#/TAIL 15.8#/TOP OFF Cement yield (ft3/sk): 3.82/LEAD 1.15/TAIL 1.15/TOP OFF # of bbls to surface: 2 Describe cement issues: Describe hole issues: PRODUCTION: Rig Move/Skid start date/time: 9/29/2010 7:00 Rig Move/Skid finish date/time: 9/29/2010 13:00 Total MOVE hours: 6.0 Prod Rig Spud date/time: 9/30/2010 12:30 Rig Release date/time: 10/12/2010 18:00 Total SPUD to RR hours: 293.5 Planned depth MD 10,514 Planned depth TVD 10,514 Actual MD: 10,520 Actual TVD: 10,520 Open Wells \$: \$872,470 AFE \$: \$1,235,600 Open wells \$/ft: \$83.20 PRODUCTION HOLE: Prod. From depth: 2,844 Prod. To depth: 10,520 Total PROD hours: 202 Log Depth: 10514 Production Casing size: 4 1/2 # of casing joints ran: 251 Casing set MD: 10,507.0 # sx of cement: LEAD/650 TAIL/1197 Cement blend (ppg:) LEAD/13# TAIL/14.3# Cement yield (ft3/sk): LEAD/1.76 TAIL/1.31 Est. TOC (Lead & Tail) or 2 Stage : LEAD/18' TAIL/4232' Describe cement issues: Describe hole issues:

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 920-271		Spud Conductor: 2/15/2009		Spud Date: 5/19/2010				
Project: UTAH-UJINTAH			Site: NBU 920-271		Rig Name No: SWABBCO 1/1			
Event: COMPLETION			Start Date: 10/25/2010		End Date: 12/13/2010			
Active Datum: RKB @4,859.00ft (above Mean Sea Level)			UWI: NBU 920-271					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
10/25/2010	7:00 - 7:30	0.50	COMP	48		P		HSM, ROADING RIG & EQUIP ON MUDDY ROADS.
	7:30 - 11:00	3.50	COMP	30	A	P		MIRU F/ CIGE 98 D, ND WH NU BOPS, RU FLOOR.
	11:00 - 17:30	6.50	COMP	31	I	P		TALLY & PU 37/8 BIT, BIT SUB, 331 JTS 23/8 L-80 OFF FLOAT, TAG UP @ 10,455' L/D 2 JTS EOT @ 10, 418' SWI SDFN.
10/26/2010	7:00 - 7:30	0.50	COMP	48		P		HSM, LAYING DWN TBG ON FLOAT.
	7:30 - 8:30	1.00	COMP	31	H	P		PU 1 JT TBG EOT @ 10,450' REV CIRC WELL CLEAN W/ 60 BBLs WTR.
	8:30 - 15:00	6.50	COMP	30	F	P		ND BOPS NU FRAC VALVES PREP TO TEST CSG IN AM.
	8:30 - 8:30	0.00	COMP	31	I	P		L/D 60 JTS 23/8 ON FLOAT, POOH W/ 270 JTS IN DERICK L/D BIT. RD FLOOR.
10/27/2010	7:00 - 7:30	0.50	COMP	48		P		HSM, WORKING W/ B&C TESTING CSG & SURF, STAYING CLEAR WHILE PSI ON WELL.
	7:30 - 10:00	2.50	COMP	33	C	P		RU B&C TEST 41/2 TO 7,000# PSI GOOD TEST, & SURF TO 1500# PSI NO TEST, RD B & C.
	10:00 - 15:00	5.00	COMP	34	H	P		RU CASED HOLE RIH W/ 31/8 EXP 23 GRM, .36" HOLES GUNS 180 DEG & 120 DEG GUNS & PERF 10,410'-10,412' 3 SPF 6 HLS, 10,334'-10,338' 2 SPF 8 HLS, 10,294'-10,296' 3 SPF 6 HLS, 20 HOLES. POOH SWI SDFWE. NO FRAC CREW.
10/28/2010	7:00 - 15:00	8.00	COMP	46	E	P		STANDBY WAIT ON FRAC CREW
10/29/2010	7:00 - 15:00	8.00	COMP	46	E	P		STAND BY WAITING FOR FRAC CREW.
11/1/2010	7:00 - 15:00	8.00	COMP	30				STAND BY
11/2/2010	7:00 - 15:00	8.00	COMP	30		P		STAND BY
11/3/2010	7:00 - 7:15	0.25	COMP	48		P		JSA WH SAFETY
	7:15 - 15:00	7.75	COMP	30		P		SIWP= 1700 PSI, SURFACE PRESS= 500 PSI RU CASED HOLE SOLUTIONS RIH SET 10K CBP @ 10230' POOH RD W/L RELEASE PRESURE FROM WELL RD FLOOR ND & REMOVE FRAC VALVES, RELEASE PRESURE FROM SURFACE PIPE NU B& C QUICK TEST TO SURFACE APPLY 600 PSI W/ RED DYED FLUID VISUALLY SEEN RED FLUID LEAKING IN TO CASING, WITNESSED BY MYSELF, FRANK WINN, SCOTT SPAULDING & JAKE PEREZE W/ WEATHERFORD WH. NO POINT TESTING FURTHER. RD B&C TESTERS, NU WELL HEAD CASING VALVES & BOPS FILL CASING W/ TMAC RU W/L RIH SPOT 2 SKS NET CEM ON TOP OF CBP RD W/L SWIFN
11/4/2010	7:00 - 15:00	8.00	COMP	30		P		SIWP= 250# BLEED OFF PRESS TOP OFF WELL WAIT ON ORDERS SIWFN
11/5/2010	7:00 - 7:15	0.25	COMP	48		P		JSA= CHANGE WELLHEAD
	7:15 - 17:00	9.75	COMP	30		P		SIWP= 0# ND BOPS ND WELLHEAD MOVE IN BACKHOE DIG AROUND WELL TO BTM OF SURFACE HEAD WELDER NEEDED 3' DEEPER DIRT STARTED SLUFFING FROM UNDER RIG MATS AND TUBING MATTING BOARDS DECIDED TO BACK FILL HOLE RIH W/ TUBING LD TUBING ON FLOAT RD FLOOR & TUBING EQUIP RD RIG PMP SWIFW.
12/7/2010	7:00 - 7:15	0.25	COMP	48		P		JSA= WELLHEAD REPAIR

US ROCKIES REGION
Operation Summary Report

Well: NBU 920-271		Spud Conductor: 2/15/2009	Spud Date: 5/19/2010
Project: UTAH-UINTAH		Site: NBU 920-271	Rig Name No: SWABBCO 1/1
Event: COMPLETION		Start Date: 10/25/2010	End Date: 12/13/2010
Active Datum: RKB @4,859.00ft (above Mean Sea Level)		UWI: NBU 920-271	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:15 - 19:00	11.75	COMP	30		P		MIRU RIG ND WELLHEAD CEMENT IN HNGR PU INT CUTTER CUT 4-1/2 CAS 7' DOWN COULDNT PULL HANGER OUT PU LANDING SUB PULL 60000# UNLAND HNGR LD LANDING SUB & HNGR W/ PIECE RUN TAPE IN HOLE CEM @ 7' CALL OUT & PU A 7-9/16 SHOE AND 1 JNT 7-3/8" WASH PIPE RIH C/O & WASH OVER 17' OF CASING C/O HOLE DECIDE TO RUN PATCH IN AM SDFN JSA= TEST WELLHEAD
12/8/2010	7:00 - 7:15	0.25	COMP	48		P		0 PSI ON WELL LD WASH PIPE & SHOE PU 4-1/2" PUP JNT & EXT CAS PATCH RIH 8' TO FISH TOP RUN OVER CASING PUSH DOWN W/ BLOCKS TO SHEAR PULL TO 90000# NU B & C QUICK TEST & TEST AS PER PROC NU WELLHEAD & H PLATE TEST SURFACE NU BOPS RIG FLOOR & TUBING EQUIP PU 3-7/8 ROCK BIT TALLEY & PU TUBING 323 JNTS TAG CEMENT PU PWR SWVL PREP TO DRILL IN AM
	7:15 - 18:00	10.75	COMP	30		P		
12/9/2010	7:00 - 7:15	0.25	COMP	48		P		JSA= DRILL PLUGS
	7:15 - 15:00	7.75	COMP	30		P		0 PSI ON WELL EST CIRC TAG @ 322 JNTS 10197' C/O & DRILL THRU BKR 10K CBP @ 10230' CONTINUE TO RIH 10450' CIRC CLEAN RD PWR SWVL LD 60 JNTS POOH W/ BIT RD FLOOR & TUBING EQUIP ND BOPS NU FRAC VALVES RU FRAC TECH AND CASED HOLE SOLUTIONS. FRAC TECH HAD TRK ISSUES START FRACKING IN MORNING SWIFN
12/10/2010	7:00 - 7:15	0.25	COMP	48		P		JSA= FRAC

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 920-271	Spud Conductor: 2/15/2009	Spud Date: 5/19/2010
Project: UTAH-UINTAH	Site: NBU 920-271	Rig Name No: SWABBCO 1/1
Event: COMPLETION	Start Date: 10/25/2010	End Date: 12/13/2010
Active Datum: RKB @4,859.00ft (above Mean Sea Level)	UWI: NBU 920-271	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:15 - 23:00	15.75	COMP	30		P		<p>RU FRAC TECH PRESS TEST TO 7800 PSI</p> <p>STAGE #1] MESA VERDE PERFERED ON 10/27/2010 USING 3-3/8" EXPEND, 23 GRM,0.36" HOLE. 10410'-10412' 3 SPF,120*PH, 6 HOLES 10334'-10338' 2 SPF, 180* PH, 8 HOLES 10294'-10296', 3 SPF, 120* PH, 6 HOLES [20 HOLES]</p> <p>WHP=319# ,BRK DWN PERFS @3655# , INJ RT= 50.7, INJ PSI=6131# , ISIP= 3347# , FG=.76 , PUMPED 1264 BBLs SLK WTR W/33325 # 30/50 MESH, + 5000# RESIN COAT IN TAIL. MP=6529# ,MR= 52.1 , AP=5200 , AR51 , FG=.77 , ISIP=3467# , NPI=120# , W/ 20/20 CALC PERFS OPEN, 100 %</p> <p>STAGE #2] PU RIH W/HALLI 8K CBP & PERF GUN, SET CBP @10025' PERF MESA VERDE USING 3-3/8" EXPEND, 23 GRM, 0.36" HOLE. 10000'-10002' 3 SPF, 120* PH, 6 HOLES 9958'-9960' 3 SPF, 120* PH, 6 HOLES 9926'-9928' 3 SPF, 120* PH, 6 HOLES 9862'-9864', 2 SPF, 180* PH, 4 HOLES [22 HOLES]</p> <p>WHP= 1840#,BRK DWN PERFS @3774# , INJ RT=44.6, INJ PSI= 6575# , ISIP=3353# , FG=.77 , PUMPED 1403 BBLs SLK WTR W/ 48974 # 30/50 MESH, W/ 5000# RESIN COAT IN TAIL. MP=6700# ,MR=52.6 , AP= 5500# , AR50.4, FG=.80 , ISIP=3603# , NPI=250# , W/ 22/22 CALC PERFS OPEN, 100 %</p> <p>STAGE #3] PU RIH W/HALLI 8K CBP & PERF GUN, SET CBP @ 9815' PERF MESA VERDE USING 3-3/8" EXPEND, 23 GRM, 0.36" HOLE. 9788'-9790' 3 SPF, 120* PH, 6 HOLES 9714'-9716' 3 SPF, 120* PH, 6 HOLES 9672'-9674', 2 SPF, 180* PH, 4 HOLES 9624'-9626', 2 SPF, 180* PH, 4 HOLES 9564'-9566', 2 SPF, 180* PH, 4 HOLES [24 HOLES]</p> <p>WHP=2163# ,BRK DWN PERFS @4309# , INJ RT= 44.6, INJ PSI= 6404# , ISIP= 3398# , FG=.78 , PUMPED 1650 BBLs SLK WTR W/ 62054 # 30/50 MESH, W/ 5000# RESIN COAT IN TAIL. MP=6706# ,MR=52.6 , AP=5500# , AR 50.3, FG= .77, ISIP= 3285# , NPI=-113 , W/ 23/24 CALC PERFS OPEN, 96 %</p> <p>STAGE #4] PU RIH W/HALLI 8K CBP & PERF GUN, SET CBP @ 9048' PERF MESA VERDE USING 3-3/8" EXPEND, 23 GRM, 0.36" HOLE. 9014'-9018', 2 SPF, 180* PH, 8 HOLES 8918'-8920', 2 SPF, 180* PH, 4 HOLES 8874'-8876', 2 SPF, 180* PH, 4 HOLES 8846'-8848', 2 SPF, 180* PH, 4 HOLES [20 HOLES]</p> <p>WHP=1981# ,BRK DWN PERFS @3546# , INJ RT=43.5 , INJ PSI= 6028# , ISIP=2875# , FG= .75, PUMPED 1969 BBLs SLK WTR W/ 70758 # 30/50 MESH, W/ 5000# RESIN COAT IN TAIL. MP=6677# ,MR=51.4 , AP=4900 # , AR 50.8, FG=.83 , ISIP=3529# , NPI=654 , W/ 20/20 CALC PERFS OPEN, 100%</p>

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 920-271	Spud Conductor: 2/15/2009	Spud Date: 5/19/2010
Project: UTAH-UINTAH	Site: NBU 920-271	Rig Name No: SWABBCO 1/1
Event: COMPLETION	Start Date: 10/25/2010	End Date: 12/13/2010
Active Datum: RKB @4,859.00ft (above Mean Sea Level)	UWI: NBU 920-271	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
12/13/2010	7:00 - 7:15	0.25	COMP	48		P		<p>STAGE #5] PU RIH W/HALLI 8K CBP & PERF GUN, SET CBP @ 8824' PERF MESA VERDE USING 3-3/8" EXPEND, 23 GRM, 0.36" HOLE. 8790'-8794' 2 SPF, 180* PH, 8 HOLES 8724'-8728', 2 SPF, 180* PH, 8 HOLES 8646'-8648', 2 SPF, 180* PH, 4 HOLES [20 HOLES]</p> <p>WHP=3150# ,BRK DWN PERFS @3581# , INJ RT=42.8 , INJ PSI=5493# , ISIP= 3553# , FG= .82, PUMPED 917 BBLS SLK WTR W/ 32263 # 30/50 MESH, W/ 5000# RESIN COAT IN TAIL. MP= 6495#,MR=51.8 , AP= 5300#, AR50.8 , FG= .83, ISIP=3461# , NPI=-92 , W/ 20/20 CALC PERFS OPEN, 100%</p> <p>TOTAL FLUID=7203 BBLS TOTAL SND= 272374# BIO= 152 GAL SCALE= 572 GAL</p> <p>PU RIH W/ HALLI 8K CBP SET @ 8588' SWIFW RD FRAC & W/L EQUIP. JSA= DRILL PLUGS WELL CONTROL</p>

US ROCKIES REGION
Operation Summary Report

Well: NBU 920-271		Spud Conductor: 2/15/2009	Spud Date: 5/19/2010
Project: UTAH-UINTAH		Site: NBU 920-271	Rig Name No: SWABBCO 1/1
Event: COMPLETION		Start Date: 10/25/2010	End Date: 12/13/2010
Active Datum: RKB @4,859.00ft (above Mean Sea Level)		UWI: NBU 920-271	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:15 - 17:30	10.25	COMP	30		P		<p>0 PSI ON WELL ND FRAC VALVES NU BOPS RU FLOOR & TUBING EQUIP PU POBS PKG RIH TAG KILL PLUG @ 8588' NU RIG PMP & PWR SWVL EST CIRC PRESS TEST TO 3500 PSI</p> <p>PLUG #1] DRILL THRU HALLI 8K CBP @ 8588' IN 7 MIN W/50# INCREASE</p> <p>PLUG#2] CONTINUE TO RIH TAG SAND @ 8794' (30' FILL) C/O & DRILL THRU HALLI 8K CBP @ 8824' IN 11 MIN W/ 150 # INCREASE</p> <p>PLUG#3] CONTINUE TO RIH TAG SAND @ 9018' (30' FILL) C/O & DRILL THRU HALLI 8K CBP @ 9048' IN10 MIN W/ 50 # INCREASE</p> <p>PLUG#4] CONTINUE TO RIH TAG SAND @ 9780' (35' FILL) C/O & DRILL THRU HALLI 8K CBP @ 9815' IN11 MIN W/ 50 # INCREASE</p> <p>PLUG#5] CONTINUE TO RIH TAG SAND @ 10000' (25' FILL) C/O & DRILL THRU HALLI 8K CBP @ 10025' IN 12 MIN W/ 100 # INCREASE 250# WELL</p> <p>CONTINUE TO RIH TAG SAND @ 10422' (40' FILL) C/O & DRILL TO PBTD @ 10462' CIRC CLEAN RD PWR SWVL POOH LD 20 JNTS LAND TUBING ON HNGR W/ 310 JNTS EOT @ 9826.46 ND BOPS NU WELLHEAD DROP BALL PUMP OFF BIT @2800# SHUT WELL IN 30 MIN TURN WELL OVER TO FBC @ 16:00, RD RIG MOVE IN AM.</p> <p>TOTAL PUMPED= 7203 BBLS RIG REC= 1900 LEFT TO REC= 5303 BBLS</p> <p>TUB COUNT BROUGHT= 345 JNTS USED= 310 SENT BACK 35 JNTS (6 JNTS BAD)</p> <p>LANDING DETAIL= K.B.= 18.00' HNGR= 1.00' 310 JNTS 2-3/8" L-80 = 9805.25' POBS= 2.20' EOT= 9826.45'</p>
12/15/2010	12:00 -		PROD	50				<p>WELL TURNED TO SALES @ 1200 HR ON 12/15/2010 - 1090 MCFD, 360 BWPD, CP 2300#, FTP 1275#, CK 20/64"</p>

1 General

1.1 Customer Information

Company	US ROCKIES REGION
Representative	
Address	

1.2 Well Information

Well	NBU 920-271	Wellbore No.	OH
Well Name	NBU 920-271	Common Name	NBU 920-271
Project	UTAH-UINTAH	Site	NBU 920-271
Vertical Section Azimuth	0.00 (°)	North Reference	True
Origin N/S	0.0 (ft)	Origin E/W	0.0 (ft)
Spud Date	5/19/2010	UWI	NBU 920-271
Active Datum	RKB @4,859.00ft (above Mean Sea Level)		

2 Survey Name

2.1 Survey Name: Survey #1

Survey Name	Survey #1	Company	PRO PETRO
Started	5/19/2010	Ended	
Tool Name	MMS	Engineer	Anadarko

2.1.1 Tie On Point

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

2.1.2 Survey Stations

Date	Type	MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
5/19/2010	Tie On	14.00	0.00	0.00	14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/19/2010	NORMAL	514.00	0.20		514.00	0.87	0.00	0.87	0.04	0.04	0.00	0.00
	NORMAL	1,014.00	1.40		1,013.94	7.85	0.00	7.85	0.24	0.24	0.00	0.00
	NORMAL	1,514.00	1.70		1,513.76	21.38	0.00	21.38	0.06	0.06	0.00	0.00

2.2 Survey Name: Survey #2

Survey Name	Survey #2	Company	SCIENTIFIC
Started	9/30/2010	Ended	
Tool Name	MWD	Engineer	JARED

2.2.1 Tie On Point

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)
1,514.00	1.70	0.00	1,513.76	21.38	0.00

2.2.2 Survey Stations

Date	Type	MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
9/30/2010	Tie On	1,514.00	1.70	0.00	1,513.76	21.38	0.00	21.38	0.00	0.00	0.00	0.00
9/30/2010	NORMAL	2,887.00	0.70	138.23	2,886.58	35.49	5.59	35.49	0.17	-0.07	10.07	168.15
	NORMAL	3,140.00	0.84	142.97	3,139.56	32.86	7.73	32.86	0.06	0.06	1.87	26.85
10/1/2010	NORMAL	3,455.00	0.69	218.35	3,454.54	29.53	7.95	29.53	0.30	-0.05	23.93	134.92
	NORMAL	3,772.00	0.79	260.13	3,771.52	27.66	4.61	27.66	0.17	0.03	13.18	100.85
	NORMAL	4,088.00	1.32	285.45	4,087.46	28.25	-1.04	28.25	0.22	0.17	8.01	54.46
	NORMAL	4,404.00	0.62	221.11	4,403.42	27.93	-5.68	27.93	0.38	-0.22	-20.36	-152.01
10/2/2010	NORMAL	4,721.00	0.44	205.20	4,720.41	25.54	-7.32	25.54	0.07	-0.06	-5.02	-148.50
	NORMAL	5,037.00	0.53	181.74	5,036.40	22.98	-7.88	22.98	0.07	0.03	-7.42	-77.65
	NORMAL	5,352.00	0.18	69.15	5,351.39	21.70	-7.47	21.70	0.20	-0.11	-35.74	-164.50
	NORMAL	5,670.00	0.35	282.90	5,669.39	22.10	-7.95	22.10	0.16	0.05	-45.99	-157.57
10/3/2010	NORMAL	5,986.00	1.06	339.41	5,985.37	25.05	-9.91	25.05	0.29	0.22	17.88	75.12
	NORMAL	6,302.00	0.79	280.52	6,301.33	28.18	-13.08	28.18	0.30	-0.09	-18.64	-133.94
	NORMAL	6,618.00	0.70	357.25	6,617.31	30.51	-15.32	30.51	0.29	-0.03	24.28	132.73
	NORMAL	6,935.00	0.70	359.27	6,934.29	34.38	-15.44	34.38	0.01	0.00	0.64	91.01
10/4/2010	NORMAL	7,250.00	0.79	356.82	7,249.26	38.47	-15.58	38.47	0.03	0.03	-0.78	-20.72
	NORMAL	7,431.00	0.70	33.38	7,430.25	40.64	-15.04	40.64	0.26	-0.05	20.20	118.64
	NORMAL	7,567.00	0.17	73.95	7,566.25	41.39	-14.39	41.39	0.43	-0.39	29.83	169.04
10/5/2010	NORMAL	7,882.00	1.07	180.71	7,881.23	38.58	-13.98	38.58	0.36	0.29	33.89	115.04
	NORMAL	8,162.00	0.97	191.32	8,161.18	33.64	-14.48	33.64	0.08	-0.04	3.79	123.14
10/6/2010	NORMAL	8,459.00	1.16	165.17	8,458.13	28.27	-14.20	28.27	0.17	0.06	-8.80	-82.06
10/7/2010	NORMAL	8,862.00	1.06	162.66	8,861.06	20.77	-12.04	20.77	0.03	-0.02	-0.62	-155.32
	NORMAL	9,149.00	1.32	162.58	9,148.00	15.08	-10.26	15.08	0.09	0.09	-0.03	-0.41
10/8/2010	NORMAL	9,368.00	1.14	149.30	9,366.95	10.80	-8.40	10.80	0.15	-0.08	-6.06	-128.79
	NORMAL	9,494.00	0.44	125.66	9,492.93	9.44	-7.36	9.44	0.60	-0.56	-18.76	-166.54
	NORMAL	9,612.00	0.88	122.06	9,610.92	8.69	-6.23	8.69	0.37	0.37	-3.05	-7.19
	NORMAL	9,782.00	0.53	149.57	9,780.91	7.32	-4.72	7.32	0.28	-0.21	16.18	149.15
10/9/2010	NORMAL	10,158.00	0.78	96.99	10,156.89	5.51	-1.30	5.51	0.17	0.07	-13.98	-95.17
	NORMAL	10,257.00	0.79	95.25	10,255.88	5.37	0.05	5.37	0.03	0.01	-1.76	-68.11
10/10/2010	NORMAL	10,464.00	1.23	111.25	10,462.85	4.43	3.54	4.43	0.25	0.21	7.73	40.83
	NORMAL	10,520.00	1.23	111.25	10,518.84	3.99	4.66	3.99	0.00	0.00	0.00	0.00