

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No.
UTU-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 920-27G

9. API Well No.
43047-37900

10. Field and Pool, or Exploratory
NATURAL BUTTES

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

12. County or Parish
UINTAH

13. State
UTAH

1a. Type of Work: DRILL REENTER

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

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 (Report location clearly and in accordance with any State requirements.)* **40.008258**
At surface **SWNE 1907'FNL, 2023'FEL LOT 5 615267X**
At proposed prod. Zone **4429337Y -109.649521**

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

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1907'	16. No. of Acres in lease 1433.57	17. Spacing Unit dedicated to this well 40.00
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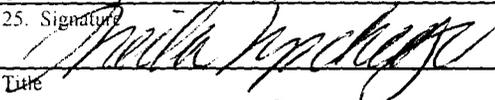
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C	19. Proposed Depth 10,300'	20. BLM/BIA Bond No. on file CO-1203
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21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4829'GL	22. Approximate date work will start* UPON APPROVAL	23. Estimated duration TO BE DETERMINED
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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
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Title
REGULATORY ANALYST

Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 03-20-06
--	--	-------------------------

Title
ENVIRONMENTAL MANAGER

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

Conditions of approval, if any, are attached.

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

*(Instructions on reverse)

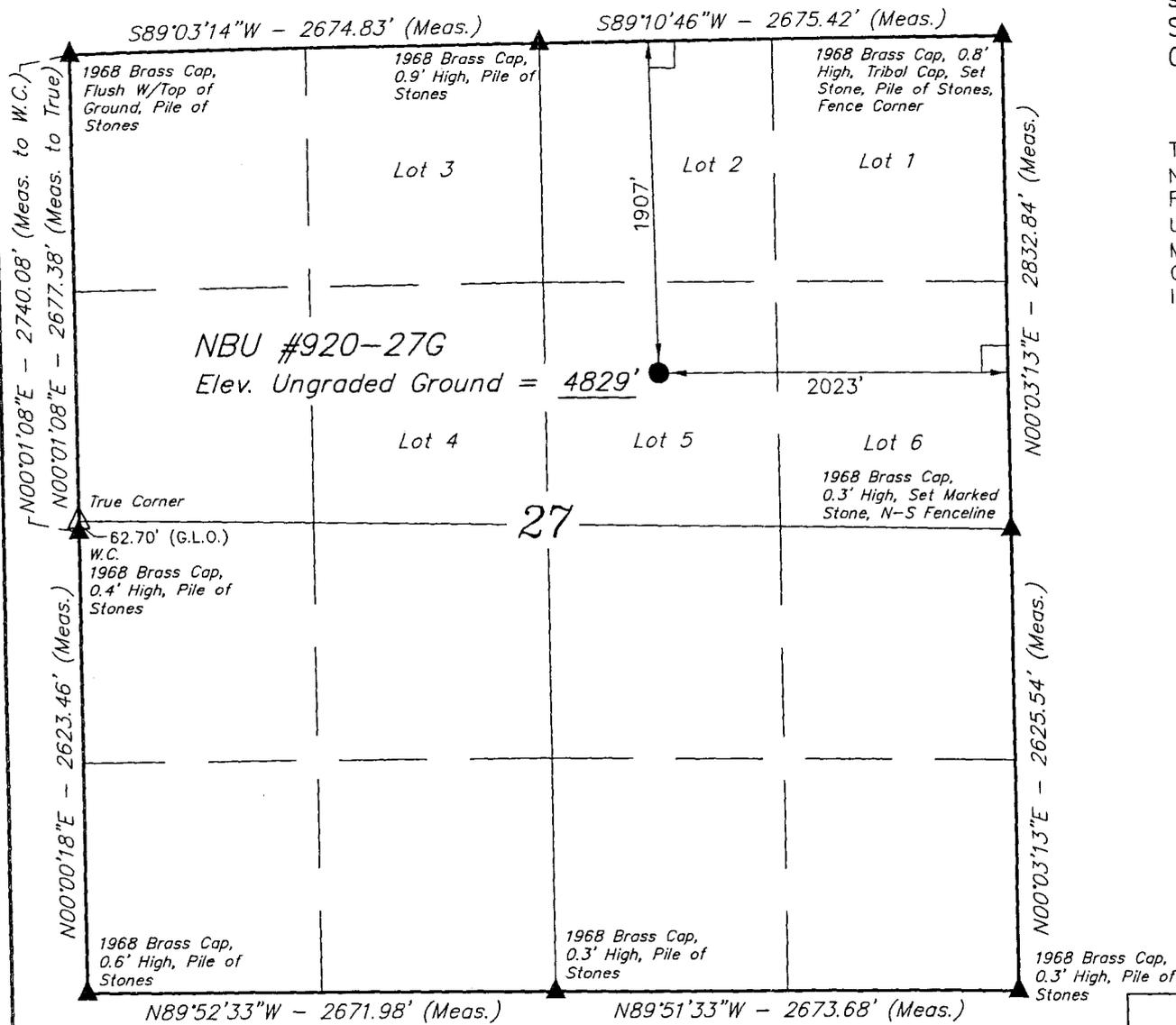
**Federal Approval of this
Action is Necessary**

RECORDED

MAR 10 2006

ENCLOSURE

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



LEGEND:

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

BASIS OF BEARINGS

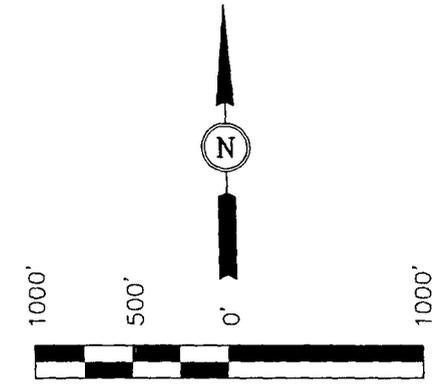
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.
 (NAD 83)
 LATITUDE = $40^{\circ}00'29.72''$ (40.008256)
 LONGITUDE = $109^{\circ}39'00.57''$ (109.650158)
 (NAD 27)
 LATITUDE = $40^{\circ}00'29.85''$ (40.008292)
 LONGITUDE = $109^{\circ}38'58.08''$ (109.646467)

Kerr-McGee Oil & Gas Onshore LP

Well location, NBU #920-27G, located as shown in the SW 1/4 NE 1/4 (Lot 5) 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, UTAH 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 H. Gray
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH

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

SCALE 1" = 1000'	DATE SURVEYED: 12-14-05	DATE DRAWN: 1-6-06
PARTY D.K. L.K. K.G.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE Kerr-McGee Oil & Gas Onshore LP	

NBU 920-27G
SWNE 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**

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"	0 to 10300	11.60	I-80	LTC	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
SURFACE		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 ngs have PVT Systems for mud monitoring. If no PVT is available, visual monitoring will be utilized.

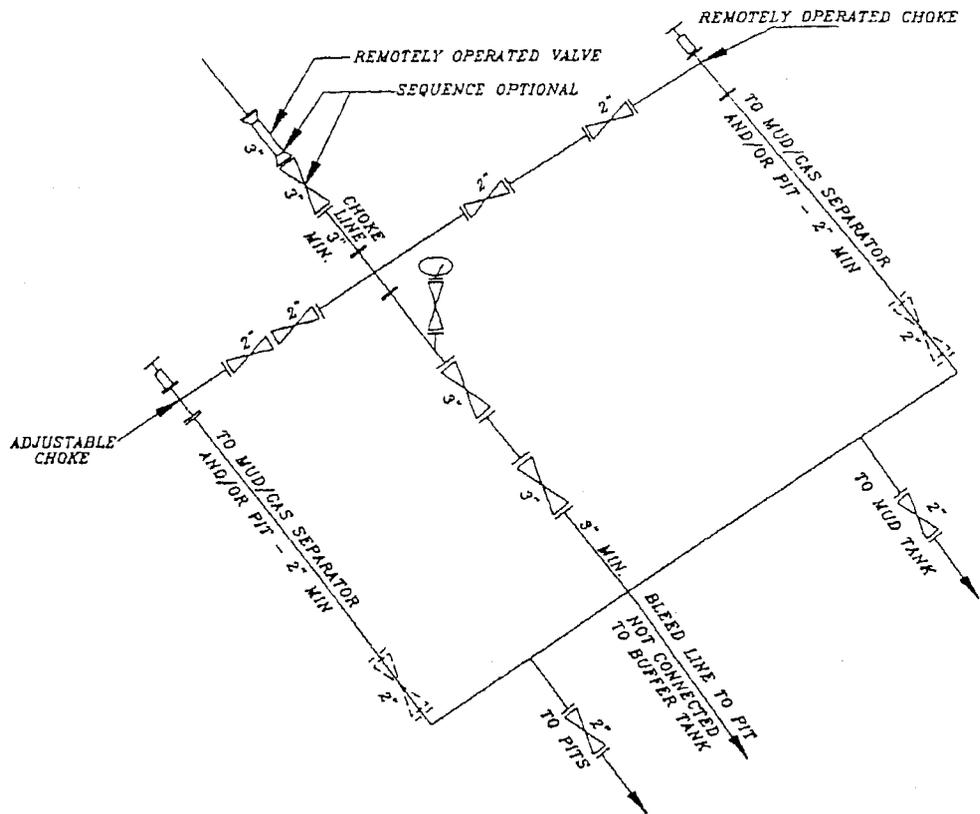
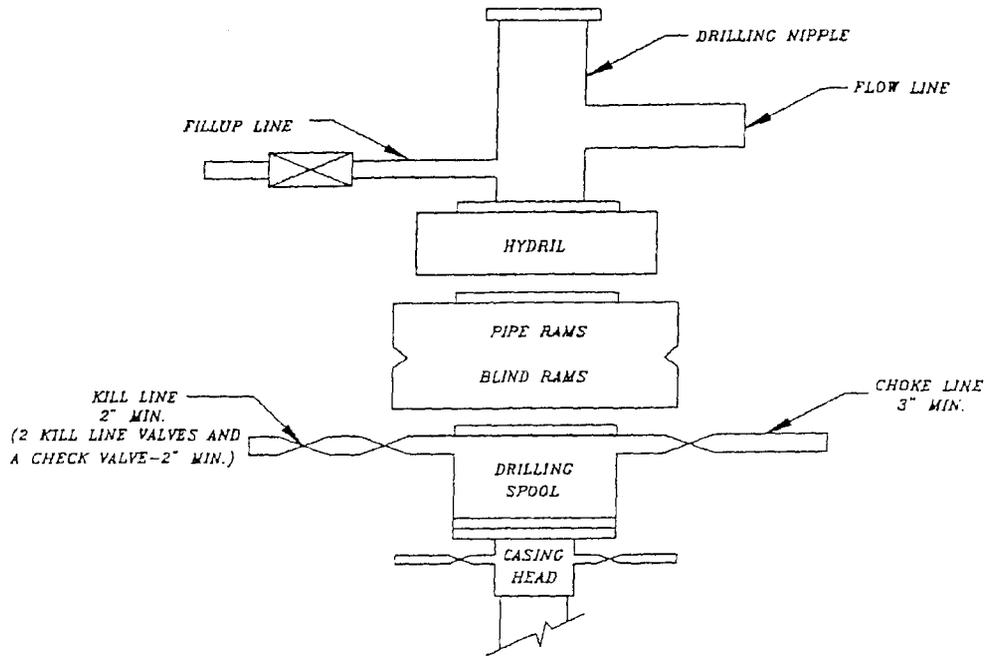
DRILLING ENGINEER: _____
 Brad Laney

DATE: _____

DRILLING SUPERINTENDENT: _____
 Randy Bayne MB1020.27G P110 APD(nioeline).xls

DATE: _____

5M BOP STACK and CHOKE MANIFOLD SYSTEM



**NBU 920-27G
SWNE 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 0.15 +/- Miles of proposed access road. Refer to Topo Map B.

Approximately 0.4 +/- 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 #920-27G

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 0.4 MILES THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTH; FOLLOW ROAD FLAGS IN A SOUTHERLY DIRECTION APPROXIMATELY 0.15 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 38.35 MILES.

Kerr-McGee Oil & Gas Onshore LP

NBU #920-27G

LOCATED IN UINTAH COUNTY, UTAH

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

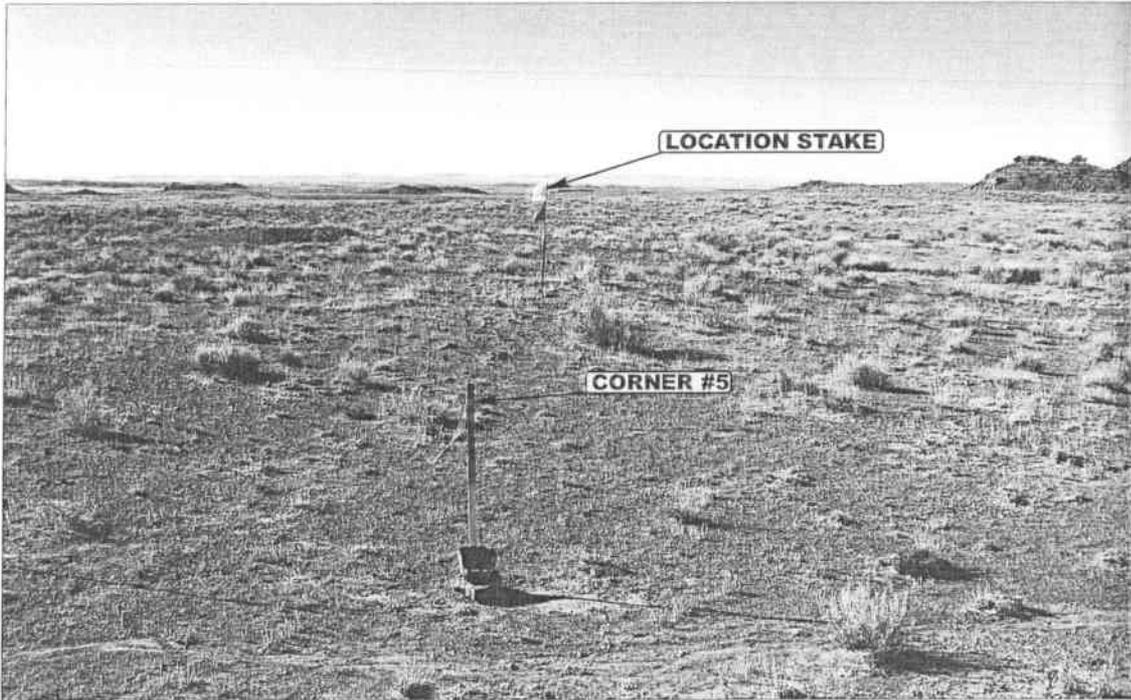


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

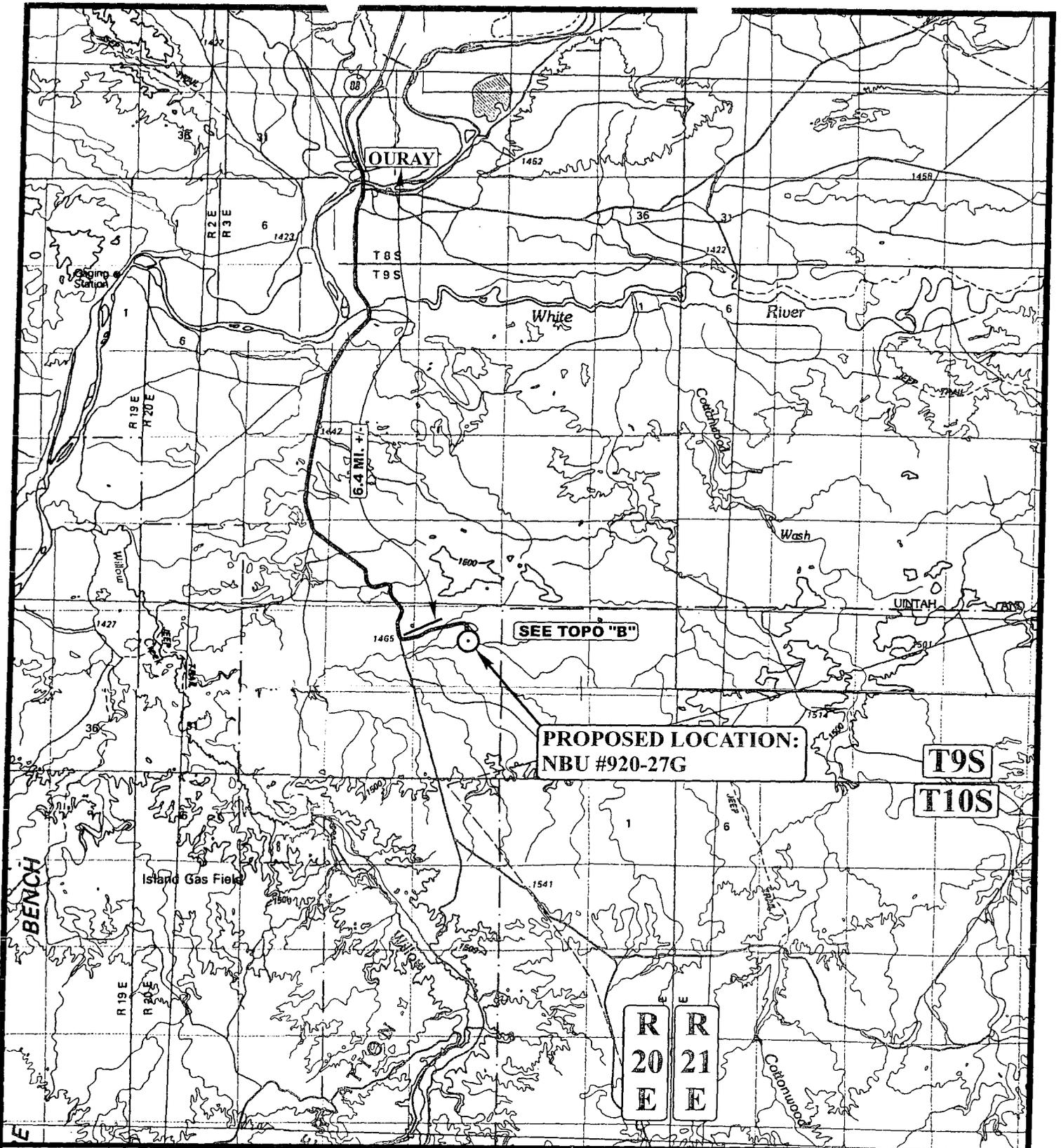
CAMERA ANGLE: SOUTHERLY



- Since 1964 -

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

LOCATION PHOTOS	12	29	05	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: D.K.	DRAWN BY: C.P.		REVISED: 00-00-00	



LEGEND:

○ PROPOSED LOCATION

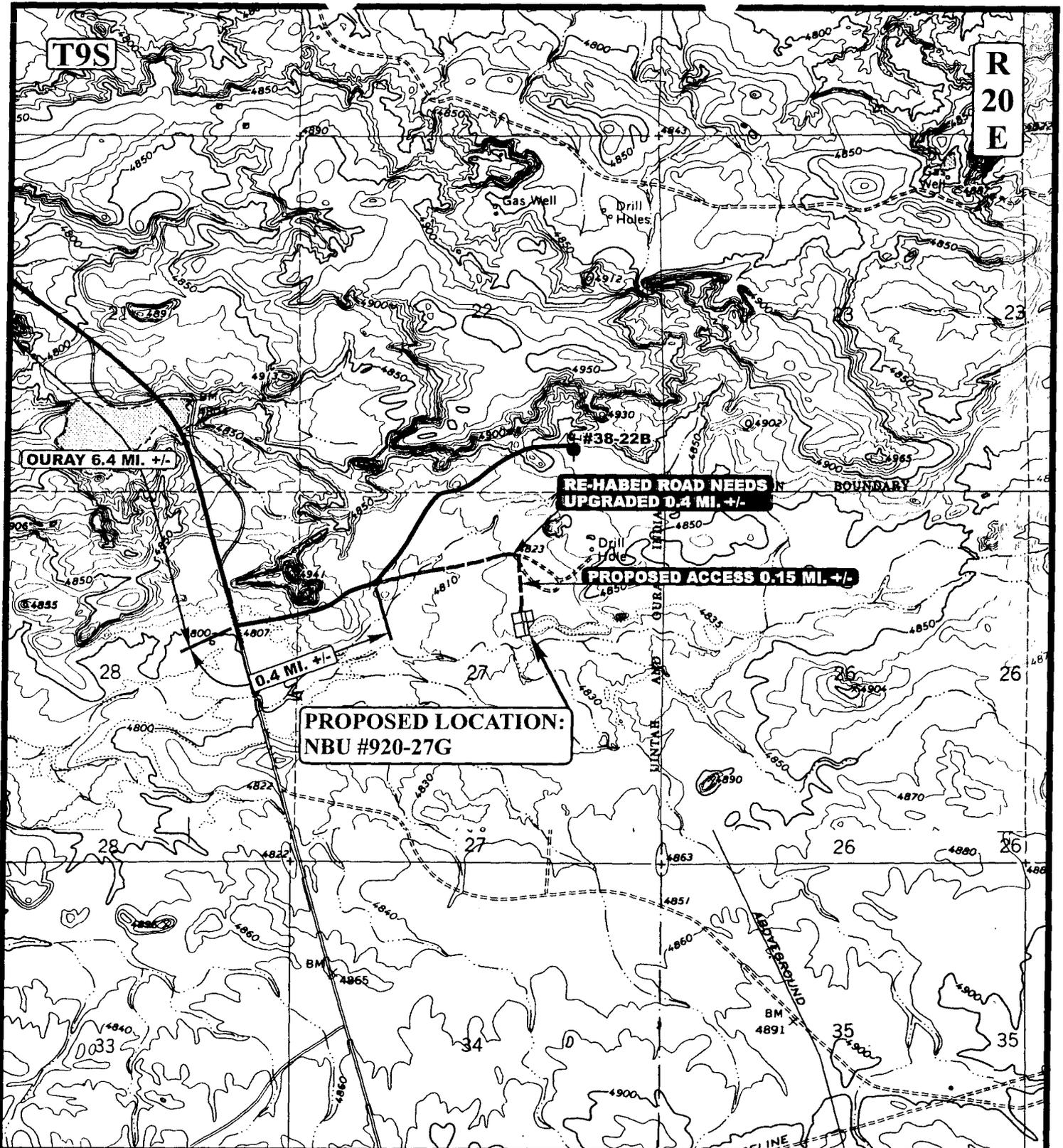


Kerr-McGee Oil & Gas Onshore LP

NBU #920-27G
SECTION 27, T9S, R20E, S.L.B.&M.
1907' FNL 2023' FEL

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

TOPOGRAPHIC			12	29	05
MAP			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



WESTPORT OIL AND GAS COMPANY, L.P.

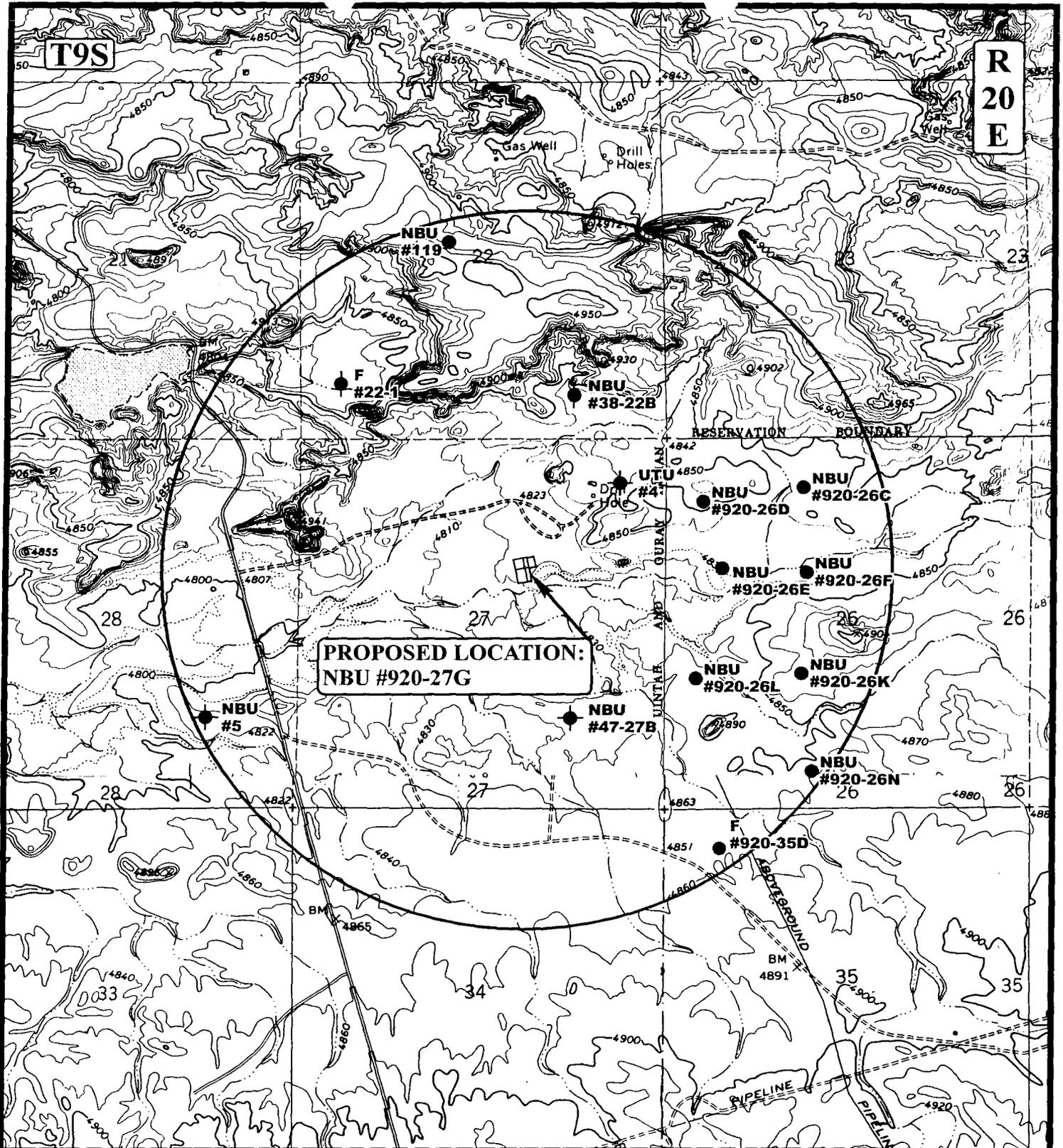
NBU #920-27G
SECTION 27, T9S, R20E, S.L.B.&M.
1907' FNL 2023' FEL



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

TOPOGRAPHIC 12 29 05
MAP MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00





LEGEND:

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



Kerr-McGee Oil & Gas Onshore LP

NBU #920-27G
SECTION 27, T9S, R20E, S.L.B.&M.
1907' FNL 2023' FEL

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

TOPOGRAPHIC 12 29 05
MAP MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00



Kerr-McGee Oil & Gas Onshore LP
NBU #920-27G
PIPELINE ALIGNMENT
LOCATED IN UINTAH COUNTY, UTAH
SECTION 27, T9S, R20E, S.L.B.&M.

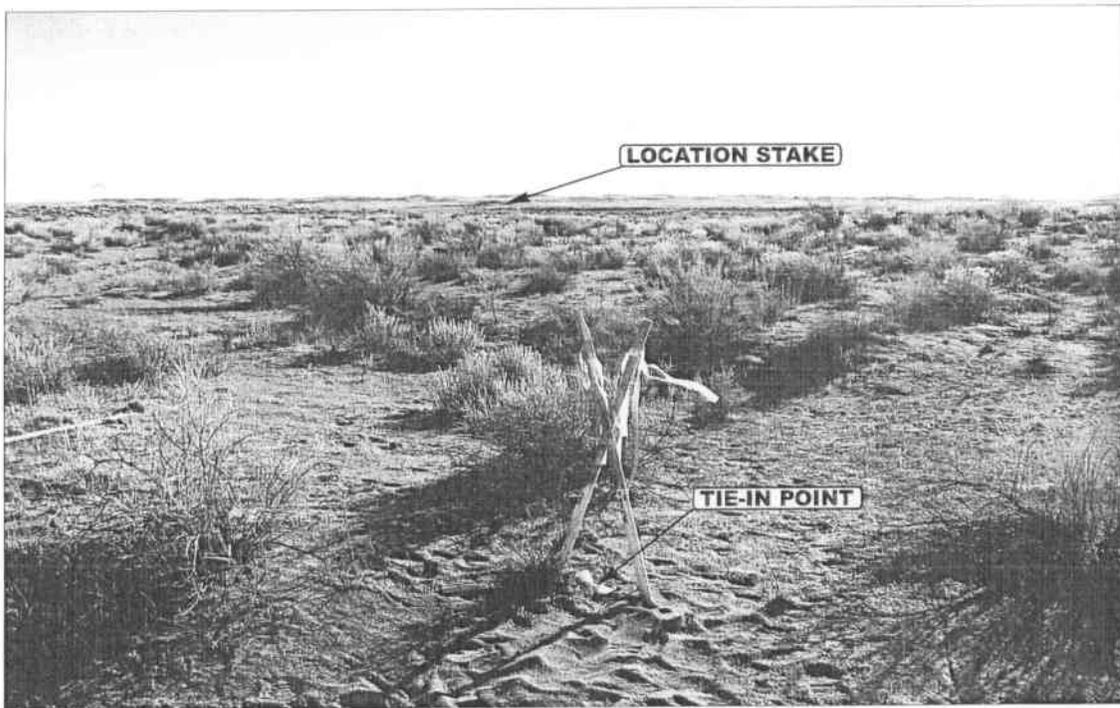


PHOTO: VIEW FROM TIE-IN POINT

CAMERA ANGLE: SOUTHERLY



- Since 1964 -

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

PIPELINE PHOTOS	12	29	05	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: D.K.	DRAWN BY: C.P.		REVISED: 00-00-00	

Kerr-McGee Oil & Gas Onshore LP

FIGURE #1

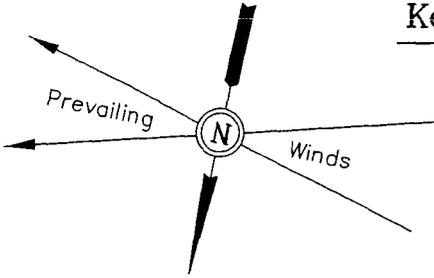
LOCATION LAYOUT FOR

NBU #920-27G

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

C-2.9' 1907' FNL 2023' FEL
El. 27.7'

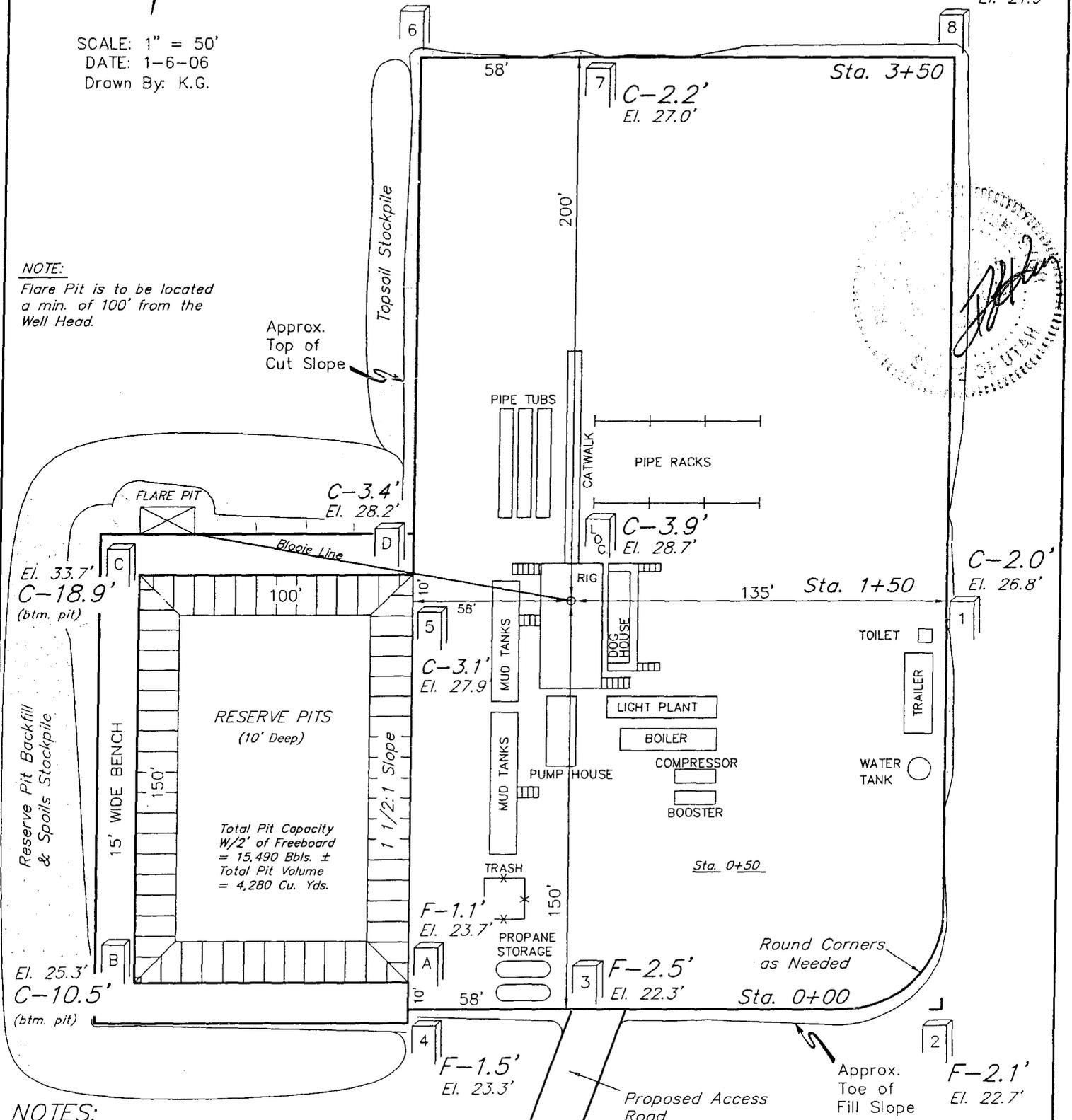
F-2.9'
El. 21.9'



SCALE: 1" = 50'
DATE: 1-6-06
Drawn By: K.G.

NOTE:

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



NOTES:

Elev. Ungraded Ground At Loc. Stake = 4828.7'
FINISHED GRADE ELEV. AT LOC. STAKE = 4824.8'

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

Kerr-McGee Oil & Gas Onshore LP

FIGURE #2

TYPICAL CROSS SECTIONS FOR

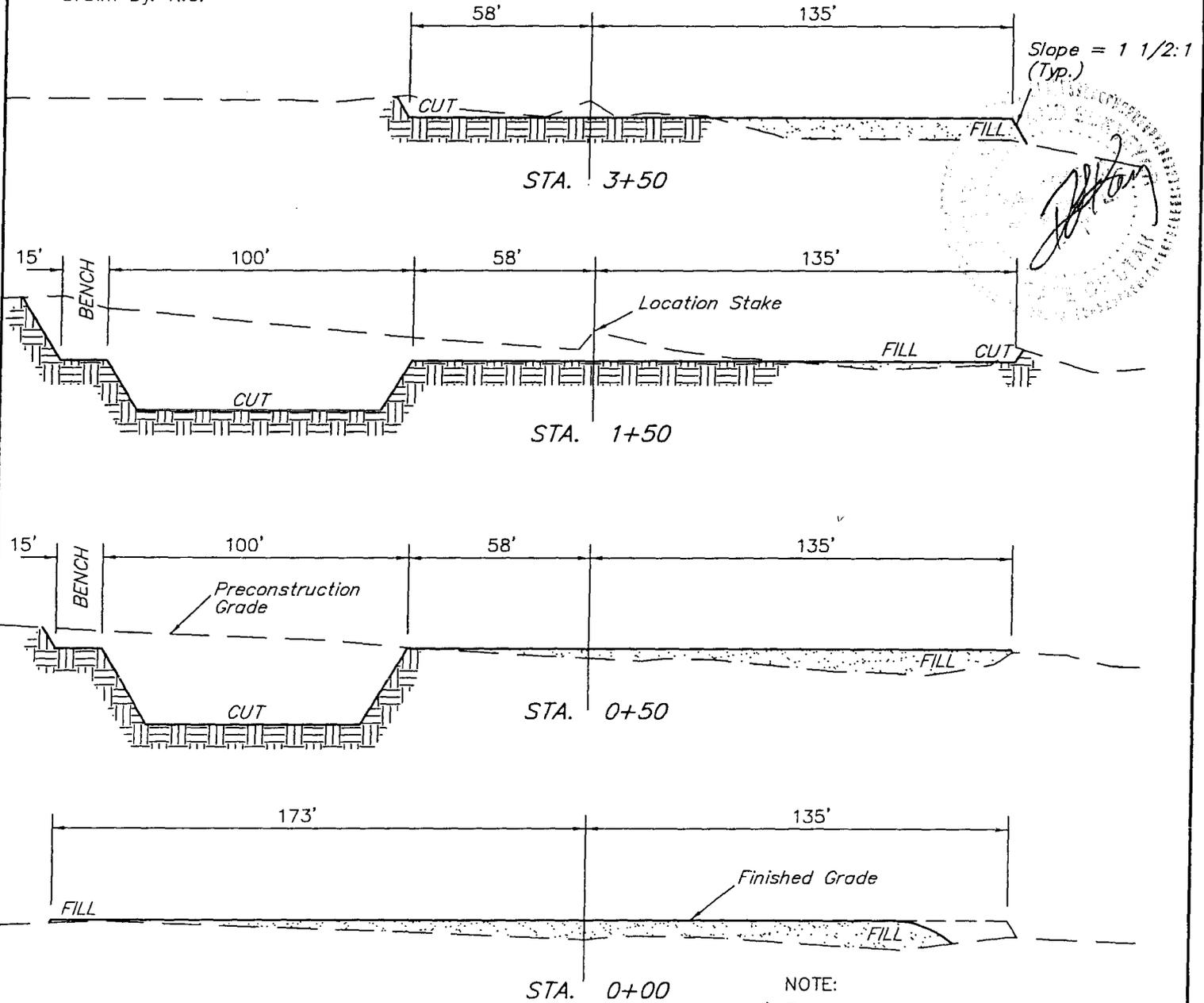
NBU #920-27G

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

1907' FNL 2023' FEL

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

DATE: 1-6-06
Drawn By: K.G.



Slope = 1 1/2:1 (Typ.)

* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(12") Topsoil Stripping	= 3,590 Cu. Yds.
Remaining Location	= 6,700 Cu. Yds.
TOTAL CUT	= 10,290 CU.YDS.
FILL	= 4,560 CU.YDS.

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

EXCESS MATERIAL	= 5,730 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 5,730 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 03/10/2006

API NO. ASSIGNED: 43-047-37900

WELL NAME: NBU 920-27G

OPERATOR: WESTPORT OIL & GAS CO (N2115)

PHONE NUMBER: 435-781-7024

CONTACT: SHEILA UPCHEGO

PROPOSED LOCATION:

SWNE 27 090S 200E
 SURFACE: 1907 FNL 2023 FEL
 BOTTOM: 1907 FNL 2023 FEL
 COUNTY: UINTAH
 LATITUDE: 40.00826 LONGITUDE: -109.6495
 UTM SURF EASTINGS: 615267 NORTHINGS: 4429337
 FIELD NAME: NATURAL BUTTES (630)

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

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-0582

PROPOSED FORMATION: WSMVD

SURFACE OWNER: 2 - Indian

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:

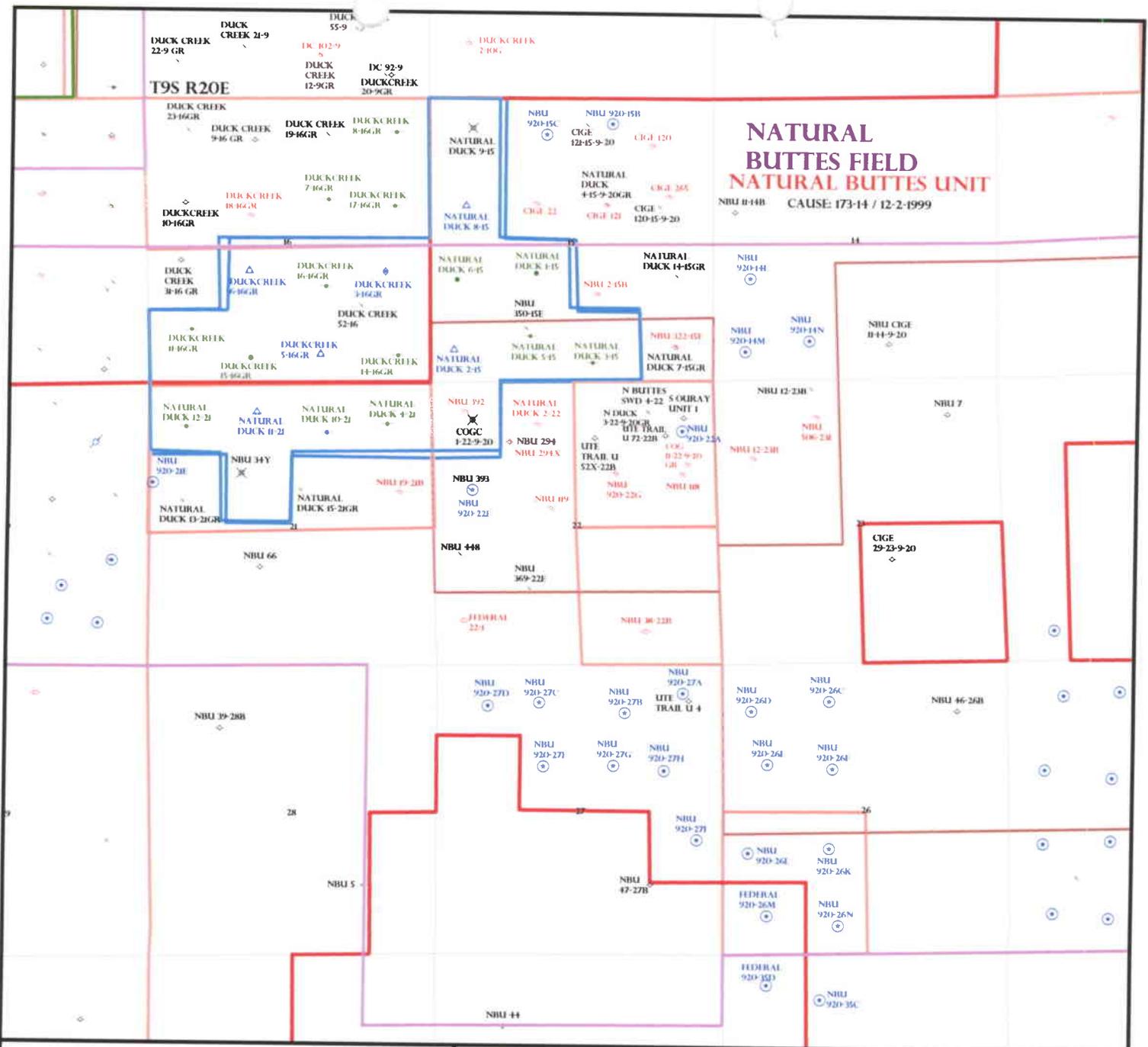
- R649-2-3.
- Unit: NATURAL BUTTES
- R649-3-2. General
Siting: 460' From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: 173-14
Eff Date: 12-2-49
Siting: 460' fr 12 bdr g28 uncommen tracer
- R649-3-11. Directional Drill

COMMENTS:

Sep, Separate file

STIPULATIONS:

1- Federal Approval
2- OIL SHALE



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

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

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 920-27G Well, 1907' FNL, 2023' FEL, SW NE, 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 43-047-37900.

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 920-27G

API Number: 43-047-37900

Lease: UTU-0582

Location: SW NE **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	

WELL NAME	CA No.	Unit:	NATURAL BUTTES UNIT					
	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

BLM BOND = C01203
BIA BOND = RLB0005239

APPROVED 5/16/06

DIV. OF OIL, GAS & MINING

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 & MINERAL

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 920-27G

9. API Well No.
4304737900

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)
1907' FNL, 2023' FEL LOT 5
SWNE, 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	DOGMA
	<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
Utah Division of
Oil, Gas and Mining

Date: 02-21-07
By: *[Signature]*

2-22-07
RM

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

Name (Printed/Typed) RAMEY HOOPES	Title REGULATORY CLERK
Signature <i>Ramey Hoopes</i>	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	

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 20 2007

DIV. OF OIL, GAS & MINING

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

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

API: 4304737900
Well Name: NBU 920-27G
Location: SWNE, 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


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 920-27G

9. API Well No.

4304737900

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)

435.781.7024

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

SW/NE, LOT 5, SEC. 27, T9S, R20E 1907'FNL, 2023'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 DOGM APD EXTENSION
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

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

APPROVED by the
Utah Division of
Oil, Gas and Mining

COPY SENT TO OPERATOR

Date: 2-24-2008

Initials: KS

Date: 02-25-08
By: [Signature]

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

Name (Printed/Typed)

SHEILA UPCHEGO

Title

SENIOR LAND ADMIN SPECIALIST

Signature

[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

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

RECEIVED

(Instructions on reverse)

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: 43047337900
Well Name: NBU 920-27G
Location: SW/NE LOT 5, SEC. 27, T9S, R20E
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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAR 02 2006

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-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 KERR MCGEE OIL AND GAS ONSHORE LP		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 920-27G	
3b. Phone No. (include area code) (435) 781-7003		9. API Well No. 43-047-37900	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SWNE 1907'FNL, 2023'FEL LOT 5		10. Field and Pool, or Exploratory NATURAL BUTTES	
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*		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) 1907'	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 WY22557 WYB000291	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4829'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 <i>Ramey Hoopes</i>	Name (Printed/Typed) RAMEY HOOPES	Date 4/27/2006
Title REGULATORY CLERK		
Approved by (Signature) <i>Jerry Newells</i>	Name (Printed/Typed) Jerry Newells	Date 3-7-2006
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

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

Conditions of approval, if any, are attached. **CONDITIONS OF APPROVAL ATTACHED**

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

*(Instructions on reverse)

RECEIVED
MAR 17 2006

NOTICE OF APPROVAL

DIV. OF OIL, GAS & MINING

UDOGM

07BM 4951A

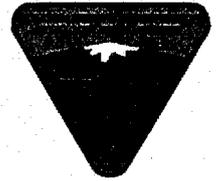


**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE**

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:	SWNE Lot 5, Sec 27, T9S, R20E
Well No:	NBU 920-27G	Lease No:	UTU-0582
API No:	43-047-37900	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

- Paleo monitoring.
- Arch site fencing required.

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 ($\frac{1}{4}$ $\frac{1}{4}$, 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 920-27G

Api No: 43-047-37900 Lease Type: FEDERAL

Section 27 Township 09S Range 20E County UINTAH

Drilling Contractor PETE MARTIN DRLG RIG # BUCKET

SPUDED:

Date 01/29/2009

Time 4:00 PM

How DRY

Drilling will Commence: _____

Reported by JAMES GOBER

Telephone # (435) 828-1720

Date 02/02/2009 Signed CHD

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.

5. Lease Serial No.
UTU-0582

6. If Indian, Allottee or Tribe Name
TRIBAL SURFACE

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

Oil Well Gas Well Other

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

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

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

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

3b. Phone No. (include area code)
435.781.7024

9. API Well No.
4304737900

10. Field and Pool or Exploratory Area
NATURAL BUTTES

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1907' FNL, 2023' FEL
SW/NE, SEC.27, T9S-R20E, LOT 5

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 01/29/2009 AT 1600 HRS.

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

Name (Printed/Typed)
SHEILA UPCHEGO

Title REGULATORY ANALYST

Signature

Sheila Upchego

Date 01/30/2009

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

FEB 04 2009

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 page 2)

DIV. OF OIL, GAS & MINING

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
4304737900	NBU 920-27G		SWNE	27	9S	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
B	99999	2900	1/29/2009			2/10/09	
Comments: MIRU PETE MARTIN BUCKET RIG. <u>WSTMVD</u> SPUD WELL LOCATION ON 01/29/2009 AT 1600 HRS.							

Well 2

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

Well 3

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

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)

Sheila Upchego MR

Signature

REGULATORY ANALYST

1/30/2009

Title

Date

RECEIVED

FEB 02 2009

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-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 920-27G
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2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047379000000
---	---

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: 1907 FNL 2023 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE 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 checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/13/2009	<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 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: OPERATIONS SUSPEN
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

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

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

Date: November 16, 2009

By: *Derek [Signature]*

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 920-27G
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2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 4304737900000
---	--

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: 1907 FNL 2023 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE 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 checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/11/2010 <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 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: 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: 12-1/4" 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: *Dan K. [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
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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 920-27G
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2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047379000000
---	---

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: 1907 FNL 2023 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE 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: 5/15/2010	<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 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 13, 2010. DRILLED 11" SURFACE HOLE TO 2810'. RAN 8 5/8" 28# J-55 SURFACE CSG. PUMP 110 BBLS FRESH WATER. PUMP 20 BBLS GEL WATER. LEAD CEMENT W/ 220 SX CLASS G PREM HI FIL @ 11.0 PPG, 3.82 YD. TAILED CEMENT W/ 170 SX CLASS G PREM LITE @ 15.8 PPG, 1.15 YD. DROP PLUG ON THE FLY, DISPLACED W/ 166 BBLS WATER. 2 BBLS LEAD TO SURFACE; CEMENT FELL. LAND PLUG & PUMP 100 SX CLASS G PREM LITE @ 15.8 PPG, 1.15 YD DOWN 1". WAIT 2 HRS AND TOP OUT WITH 50 SX SAME CEMENT. CEMENT STAYED AT SURFACE. WORT.

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 May 18, 2010

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 5/18/2010	

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 920-27G
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2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047379000000
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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: 1907 FNL 2023 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE 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: 9/15/2010	<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 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 2810' TO 10,533' ON SEPTEMBER 12, 2010. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. PUMP 40 BBLS SPACER, LEAD CEMENT W/ 617 SX CLASS G PREM LITE @ 12.8 PPG, 1.85 YD. TAILED CEMENT W/ 1266 SX CLASS G 50/50 POZ MIX @ 14.3 PPG, 1.31 YD. DISPLACED W/ 163 BBLS CLAY TREAT WATER, BUMPED PLUG W/ 3780 PSI, HELD 5 MIN. 2 BBLS RETURNED TO TRUCK, TRACE OF CEMENT & CELLO FLAKE RETURNED TO PIT. RD CEMENTERS AND CLEANED PITS. RELEASED PIONEER RIG #69 ON SEPTEMBER 15, 2010 @ 01:00 HRS.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 September 15, 2010

NAME (PLEASE PRINT) Gina Becker	PHONE NUMBER 720 929-6086	TITLE Regulatory Analyst II
SIGNATURE N/A	DATE 9/15/2010	

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 920-27G
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047379000000
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: 1907 FNL 2023 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE 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: 9/28/2010	<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
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	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

THE SUBJECT WELL WAS PLACED ON PRODUCTION ON SEPTEMBER 28, 2010
 AT 3:00 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
 September 29, 2010

NAME (PLEASE PRINT) Gina Becker	PHONE NUMBER 720 929-6086	TITLE Regulatory Analyst II
SIGNATURE N/A	DATE 9/29/2010	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.		5. Lease Serial No. UTU0582
		6. If Indian, Allottee or Tribe Name
		7. If Unit or CA/Agreement, Name and/or No. UTU63047A
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. NBU 920-27G
2. Name of Operator KERR-MCGEE OIL & GAS ONSHORE-Mail: gina.becker@anadarko.com		9. API Well No. 43-047-37900
3a. Address 1099 18TH STREET SUITE 1800 DENVER, CO 80202	3b. Phone No. (include area code) Ph: 720-929-6086 Fx: 720-929-7086	10. Field and Pool, or Exploratory NATURAL BUTTES
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 27 T9S R20E SWNE 1907FNL 2023FEL		11. County or Parish, and State UINTAH COUNTY, UT

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

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

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

THE SUBJECT WELL WAS PLACED ON PRODUCTION ON SEPTEMBER 28, 2010 AT 3:00 P.M. THE CHRONOLOGICAL WELL HISTORY WILL BE SUBMITTED WITH THE WELL COMPLETION REPORT.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #93667 verified by the BLM Well Information System For KERR-MCGEE OIL & GAS ONSHORE, sent to the Vernal	
Name (Printed/Typed) GINA T BECKER	Title REGULATORY ANALYST II
Signature  (Electronic Submission)	Date 09/29/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

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

RECEIVED
OCT 11 2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.
UTU0582

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

7. If Unit or CA/Agreement, Name and/or No.
UTU63047A

1. Type of Well
 Oil Well Gas Well Other

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

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

9. API Well No.
43-047-37900

3a. Address
1099 18TH STREET SUITE 1800
DENVER, CO 80202

3b. Phone No. (include area code)
Ph: 720-929-6086
Fx: 720-929-7086

10. Field and Pool, or Exploratory
NATURAL BUTTES

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 27 T9S R20E SWNE 1907FNL 2023FEL

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

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

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

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

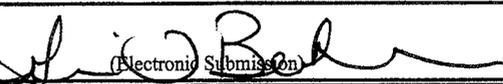
THE SUBJECT WELL WAS PLACED ON PRODUCTION ON SEPTEMBER 28, 2010 AT 3:00 P.M. THE CHRONOLOGICAL WELL HISTORY WILL BE SUBMITTED WITH THE WELL COMPLETION REPORT.

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

Electronic Submission #93667 verified by the BLM Well Information System For KERR-MCGEE OIL & GAS ONSHORE, sent to the Vernal

Name (Printed/Typed) GINA T BECKER

Title REGULATORY ANALYST II

Signature  (Electronic Submission)

Date 09/29/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

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

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

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. UTU63047A

8. Lease Name and Well No. NBU 920-27G

9. API Well No. 43-047-37900

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

17. Elevations (DF, KB, RT, GL)* 4829 GL

14. Date Spudded 01/29/2009 15. Date T.D. Reached 09/12/2010 16. Date Completed 09/28/2010 D & A Ready to Prod.

18. Total Depth: MD 10553 TVD 10551 19. Plug Back T.D.: MD 10500 TVD 10498 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR/CBL-BHP-HDIL/ZDL/CNGR 22. Was well cored? No Yes (Submit analysis) Was DST run? No Yes (Submit analysis) Directional Survey? No Yes (Submit analysis)

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20.000	14.000 J55	36.7		40		28			
11.000	8.625 J55	28.0		2776		540			
7.875	4.500 I80	11.6		10545		1883			

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	10010							

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	8614	10488	8614 TO 10488	0.360	208	OPEN
B) WSMVD						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8614 TO 10488	PUMP 6,267 BBLs SLICK H2O & 221,020 LBS 30/50 SAND.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
09/28/2010	09/30/2010	24	→	0.0	2497.0	672.0			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 2400	3400.0	→	0	2497	672		PGW	

28a. Production - Interval B

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

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #95839 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** NOV 02 2010

RECEIVED

28b. Production - Interval C

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

28c. Production - Interval D

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

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

30. Summary of Porous Zones (include Aquifers):

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

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
GREEN RIVER BIRD'S NEST MAHOGANY WASATCH MESAVERDE	1661 1888 2274 5044 8314	10553			

32. Additional remarks (include plugging procedure):

DRILLING AND COMPLETION CHRONO WELL HISTORY AND FINAL SURVEY ARE ATTACHED.
FINAL DRILL OPERATIONS SUNDRY SUBMITTED TO STATE OF UTAH ON 9/15/2010 REPORTED TD @ 10,533'. CORRECT TOTAL DEPTH SHOULD HAVE BEEN 10,553'.

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:

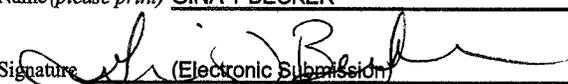
34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #95839 Verified by the BLM Well Information System.
For KERR-MCGEE OIL&GAS ONSHORE,L.P, sent to the Vernal**

Name (please print) GINA T BECKER

Title REGULATORY ANALYST II

Signature

 (Electronic Submission)

Date 10/26/2010

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.

**** ORIGINAL ** ORIGINAL ****

US ROCKIES REGION
Operation Summary Report

Well: NBU 920-27G		Spud Conductor: 1/29/2009		Spud Date: 5/13/2010	
Project: UTAH-UINTAH			Site: NBU 920-27G		Rig Name No: PIONEER 69/69, PROPETRO/
Event: DRILLING			Start Date: 5/2/2010		End Date: 9/15/2010
Active Datum: RKB @4,843.00ft (above Mean Sea Level)				UWI: NBU 920-27G	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
5/11/2010	0:00 - 0:00	24.00	MAINT	08	A	Z		RIG WENT TO PROPETRO'S SHOP FOR REPAIRS, WILL BE BACK IN THE FIELD 5/13/2010 IN THE AM
5/13/2010	7:00 - 10:30	3.50	PRPSPD	01	B	P		RIG UP RIG, RIG UP PUMP. PRIME PUMPS, P/U MOTOR .16 RPG 1.50 DEG. SN 803XX M/U 11" Q507F SN 701XXXX 2ND RUN.
	10:30 - 21:00	10.50	DRLSUR	02	A	P		SPUD 11" SURFACE @ 10:30, DRILL F/ 40"-1080" (1040" 100'/HR) WOB 5-20K, ROT 45-55, 550 GPM, LAST SURVEY @ 1000' .7 DEG
	21:00 - 0:00	3.00	MAINT	08	A	Z		TROUBLE SHOOT AND REPAIR DOUBLE PUMP (HYDRAULIC PUMP)
5/14/2010	0:00 - 13:30	13.50	DRLSUR	02	A	P		DRILL F/ 1080'-2420' (1340" 100'/HR) WOB 5-20K, ROT 45-55, 550 GPM, LAST SURVEY @ 1000' .7 DEG
	13:30 - 15:00	1.50	MAINT	08	A	Z		R&R MAIN HYDRAULIC PUMP
	15:00 - 19:30	4.50	DRLSUR	02	A	P		DRILL F/ 2420'-2810' (390' 85'/HR) WOB 5-20K, ROT 45-55, 550 GPM, LAST SURVEY @ 2800' .7 DEG
	19:30 - 0:00	4.50	DRLSUR	06	A	P		TOOH, LDDS AND BHA
5/15/2010	0:00 - 4:30	4.50	CSG	12	C	P		RUN 62 JTS OF 8-5/8" 28# IJ-55 W/ 8RD LTC THREADS AND LAND FLOAT SHOE 2744' KB. RAN BAFFLE PLATE IN TOP OF SHOE JT LANDED @ 2700' KB. FILL CSG 800' AND 1700'. RUN 200' OF 1" PIPE DOWN BACKSIDE.
	4:30 - 5:00	0.50	RDMO	01	E	P		RD RIG MOVE OFF WELL, RELEASE RIG @ 05:00
	5:00 - 8:30	3.50	CSG	12	E	P		TEST LINES TO 2000' PSI, PUMP 110 BBLs OF H2O, PUMP 20 BBLs OF GEL WATER, PUMP 220 (140 BBLs) SX OF 11#, 3.82 YD, 23 GAL SX HI FILL LEAD CEMENT. PUMP 170 SX (35 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, 2 BBLs OF LEAD TO SURFACE W/ 420 PSI OF LIFT @ 5 BBLs/MIN. W/ 2 BBLs OF LEAD TO SURFACE, CEMENT WENT SOUTH. LAND PLUG 1000 PSI AND CHECK FLOAT. FLOAT HELD. PUMP 100 SX (20.4 BBLs) OF 4% CALC 15.8# 1.15 YD, 5 GAL/SK CEMENT DOWN 1". WAIT 2 HR AND PUMP 50 SX OF SAME CEMENT. CEMENT STAYED AT SURFACE
8/31/2010	4:00 - 7:00	3.00	RDMO	01	E	P		LAY DOWN KELLY, R/D FLOOR, PUMPS, PITS, WATER, PASON, FLARE LINES
	7:00 - 12:00	5.00	RDMO	01	E	P		SAFETY MEETING W/ RIG CREW, WEST ROC, J&C CRANE, MOUNTAIN WEST, SCOPE DOWN DERRICK & LAY OVER, SCOPE DOWN SUB, R/D AIR, HYDRAULICS, ELECTRICAL, LOAD OUT TRUCKS & MOVE 22 MILES
	12:00 - 0:00	12.00	RDMO	01	B	P		SET SUB, Y BASE, BOAT, CARRIER, PITS, PUMPS, WATER TANK, FUEL TANK, LP, R/U WATER, AIR, HYDRAULICS, SCOPE UP SUB, RAISE DERRICK W/ CRANE ASSIST, R/U FLOOR, MISC, 12 HAUL & 9 BED TRUCKS 2 FORKLIFTS ON LOC @ 0700, RELEASED @ 1400, CRANE ON LOC @ 0600, RELEASED @ 1900, 2 MOUNTAIN WEST TRUCKS ON LOC @ 0700 RELEASED @ 1300, 6 EXTRA RIG HANDS
9/1/2010	0:00 - 2:00	2.00	MIRU	01	B	P		RIG UP FLOOR P/U KELLY, R/U MISC
	2:00 - 5:30	3.50	DRLPRO	14	A	P		NIPPLE UP BOP

US ROCKIES REGION

Operation Summary Report

Well: NBU 920-27G		Spud Conductor: 1/29/2009		Spud Date: 5/13/2010	
Project: UTAH-UINTAH			Site: NBU 920-27G		Rig Name No: PIONEER 69/69, PROPETRO/
Event: DRILLING			Start Date: 5/2/2010		End Date: 9/15/2010
Active Datum: RKB @4,843.00ft (above Mean Sea Level)			UWI: NBU 920-27G		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	5:30 - 8:00	2.50	DRLPRO	15	A	P		ATTEMPTED TO TEST THE BOP. HAD AN O-RING ON THE WELLHEAD FLANGE FAIL THE TEST PU THE BOP AND INSTALL A NEW O-RING
	8:00 - 15:00	7.00	DRLPRO	08	C	Z		TESTED THE BOP STACK, 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.
	15:00 - 15:30	0.50	DRLPRO	14	B	P		INSTALL THE WEAR BUSHING
	15:30 - 16:30	1.00	DRLPRO	06	A	P		RU THE LD TRUCK AND HELD A PJSM
	16:30 - 17:30	1.00	DRLPRO	23		P		PRE-SPUD INSPECTION
	17:30 - 22:00	4.50	DRLPRO	06	A	P		PU THE DIRECTIONAL TOOLS, SCRIBE THE SAME. PU THE BHA & DP. TIH TO 2586'
	22:00 - 22:30	0.50	DRLPRO	06	A	P		RD KIMSEY LD TRUCK
	22:30 - 23:30	1.00	DRLPRO	14	B	P		PU KELLY INSTALLED THE ROTATING RUBBER, AND DRIVE BUSHINGS
	23:30 - 0:00	0.50	DRLPRO	02	F	P		DRILLING CEMENT AND FLT EQUIP. TAGGED CEMENT @ 2733'. 80 PUMP STK/303 GPM 40 RPM
9/2/2010	0:00 - 3:30	3.50	DRLPRO	02	F	P		DRILLING CEMENT AND FLT EQUIP.
	3:30 - 7:00	3.50	DRLPRO	02	B	P		DRILLED F/ 2824' - 3092' 268'/3.5 HR 76.6'/HR SLID 10'. 120 STK/454 GPM 95 RPM/MM 50 RPM/ROTARY. 15 - 18K WOB, ON BOTTOM/ OFF BOTTOM 1220/1046, DIFF. 150 - 300#. PU/SO/ROT 95/85/92. WATER AND POLY SWEEPS. 5-10' FLARE
	7:00 - 7:30	0.50	DRLPRO	07	A	P		RIG SERVICE
	7:30 - 12:00	4.50	DRLPRO	08	A	Z		RIG REPAIR LOST A BLADE ON THE ROTARY MOTOR COOLING FAN
	12:00 - 18:00	6.00	DRLPRO	02	B	P		DRILLED F/ 3092' - 3608' 516'/6 HR 86'/HR. 120 STK/454 GPM 95 RPM/MM 50 RPM/ROTARY. 15 - 18K WOB, ON BOTTOM/ OFF BOTTOM 1220/1046, DIFF. 150 - 300#. PU/SO/ROT 101/95/98. WATER AND POLY/GEL SWEEPS. 10-15" FLARE
	18:00 - 0:00	6.00	DRLPRO	02	B	P		DRILLED F/ 3608' - 4100' 492'/6 HR 82'/HR. SLID 5', 120 STK/454 GPM 95 RPM/MM 50 RPM/ROTARY. 15 - 18K WOB, ON BOTTOM/ OFF BOTTOM 1220/1046, DIFF. 150 - 300#. PU/SO/ROT 101/95/98. WATER AND POLY/GEL SWEEPS. 10-20' FLARE
9/3/2010	0:00 - 7:30	7.50	DRLPRO	02	B	P		DRILLED F/ 4100' - 4651' 551'/7.5 HR 73.5'/HR. SLID 12' @ 200 AZM.', 120 STK/454 GPM 95 RPM/MM 50 RPM/ROTARY. 15 - 18K WOB, ON BOTTOM/ OFF BOTTOM 1515/1300, DIFF. 150 - 300#. PU/SO/ROT 115/110/113. 10-20' FLARE. STARTED MUD UP @ 4100. WE HAD AN INFLUX OF OIL FROM A DRILLING BREAK @ 4050'. MUD WT 9.7# VIS 31. 7500 CHLORIDES IN THE PIT AND THE RESERVE PIT.
	7:30 - 9:30	2.00	DRLPRO	05	B	P		CIRCULATE AND PUMP A PILL FOR A TOH TO CHECK SURVEY TOOLS. SURVEY TOOK A HARD NORTH ANGLE AFTER 2 SLIDES @190 - 220 AZM.
	9:30 - 14:00	4.50	DRLPRO	06	A	P		TOH AND INSPECT MWD TOOLS. X/O MWD AND BIT
	14:00 - 19:00	5.00	DRLPRO	06	A	P		TIH AND TAKE CHECK SHOTS ON OLD SURVEYS. FILL PIPE @ SHOE

US ROCKIES REGION

Operation Summary Report

Well: NBU 920-27G		Spud Conductor: 1/29/2009		Spud Date: 5/13/2010	
Project: UTAH-UINTAH		Site: NBU 920-27G		Rig Name No: PIONEER 69/69, PROPETRO/	
Event: DRILLING		Start Date: 5/2/2010		End Date: 9/15/2010	
Active Datum: RKB @4,843.00ft (above Mean Sea Level)			UWI: NBU 920-27G		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	19:00 - 0:00	5.00	DRLPRO	02	B	P		DRILLED F/ 4651' - 4872' 221'5 HR 44.2'/HR. SLID 30' @ 190-200 AZM. 120 STK/454 GPM 95 RPM/MM 50 RPM/ROTARY. 15 - 18K WOB, ON BOTTOM/ OFF BOTTOM 1650/1360, DIFF. 150 - 300#. PU/SO/ROT 118/105/115.
9/4/2010	0:00 - 6:00	6.00	DRLPRO	02	B	P		DRILLED F/ 4872' - 5220' 348'6 HR 58'/HR. SLID 5' @ 220 AZM. 120 STK/454 GPM 95 RPM/MM 50 RPM/ROTARY. 17-20K WOB, ON BOTTOM/ OFF BOTTOM 1775/1425, DIFF. 150 - 350#. PU/SO/ROT 121/108/118.MUD 38 VIS 10# WT
	6:00 - 15:00	9.00	DRLPRO	02	B	P		DRILLED F/ 5220' - 5694' 474'9 HR 52.6'/HR. SLID 26' @ 220/20 AZM. 120 STK/454 GPM 95 RPM/MM 50 RPM/ROTARY. 18-20K WOB, ON BOTTOM/ OFF BOTTOM 1900/1690, DIFF. 150 - 350#. PU/SO/ROT 130/115/125.MUD 39 VIS 10# WT
	15:00 - 15:30	0.50	DRLPRO	07	A	P		RIG SERVICE WORK PIPE RAMS/ANNULAR
	15:30 - 0:00	8.50	DRLPRO	02	B	P		DRILLED F/ 5694' - 6130' 436'8.5 HR 51.3'/HR. SLID 5' @ 150 AZM. 120 STK/454 GPM 95 RPM/MM 50 RPM/ROTARY. 18-22K WOB, ON BOTTOM/ OFF BOTTOM 1900/1675, DIFF. 150 - 350#. PU/SO/ROT 135/115/128.MUD 36 VIS 9.9# WT
9/5/2010	0:00 - 6:00	6.00	DRLPRO	02	B	P		DRILLED F/ 6130' - 6516' 386'6 HR 64.3'/HR. 120 STK/454 GPM 95 RPM/MM 50 RPM/ROTARY. 18-22K WOB, ON BOTTOM/ OFF BOTTOM 2020/1780, DIFF. 150 - 350#. PU/SO/ROT 145/125/135.MUD 37 VIS 10.1# WT
	6:00 - 16:30	10.50	DRLPRO	02	B	P		DRILLED F/ 6516' - 7022' 506'/10.5 HR 48.2'/HR.SLID 10' @ 15/90AZM 120 STK/454 GPM 95 RPM/MM 50 RPM/ROTARY. 18-22K WOB, ON BOTTOM/ OFF BOTTOM 2175/1850, DIFF. 150 - 350#. PU/SO/ROT 155/135/145.MUD 37 VIS 10.1# WT
	16:30 - 17:00	0.50	DRLPRO	07	A	P		RIG SERVICE WORK PIPE RAMS/BOP DRILL
	17:00 - 0:00	7.00	DRLPRO	02	B	P		DRILLED F/ 7022' - 7281' 259'7 HR 37'/HR.SLID 5' @ 360AZM 120 STK/454 GPM 95 RPM/MM 50 RPM/ROTARY.20 - 24K WOB, ON BOTTOM/ OFF BOTTOM 2175/1850, DIFF. 150 - 350#. PU/SO/ROT 160/135/150.MUD 37 VIS 10.1#
9/6/2010	0:00 - 6:00	6.00	DRLPRO	02	B	P		DRILLED F/ 7281' - 7464', 183'7 HR 30.5'/HR. 115 STK/435 GPM 95 RPM/MM 50 RPM/ROTARY.20 - 24K WOB, ON BOTTOM/ OFF BOTTOM 2150/1990, DIFF. 150 - 300#. PU/SO/ROT 160/135/150.MUD 37 VIS 10.1# BIT BALLING ISSUES
	6:00 - 16:00	10.00	DRLPRO	02	B	P		DRILLED F/ 7464' - 7799', 335'10 HR 33.5'/HR. 115 STK/435 GPM 91 RPM/MM 50 RPM/ROTARY.20 - 24K WOB, ON BOTTOM/ OFF BOTTOM 2230/2030, DIFF. 150 - 300#. PU/SO/ROT 166/140/155.MUD 38 VIS 10.7#
	16:00 - 16:30	0.50	DRLPRO	07	A	P		RIG SERVICE AND FUNCTION TEST PIPE RAMS
	16:30 - 0:00	7.50	DRLPRO	02	B	P		DRILLED F/ 7799' - 7980', 181'7.5 HR 24.2'/HR. 115 STK/435 GPM 91 RPM/MM 50 RPM/ROTARY.20 - 24K WOB, ON BOTTOM/ OFF BOTTOM 2330/2077, DIFF. 150 - 300#. PU/SO/ROT 170/140/159.MUD 42 VIS 11.4
9/7/2010	0:00 - 6:00	6.00	DRLPRO	02	B	P		DRILLED 7980' - 8127', 147'6 HR 24.5'/HR. 115 STK/435 GPM 91 RPM/MM 50 RPM/ROTARY.24 - 26K WOB, ON BOTTOM/ OFF BOTTOM 2580/2280, DIFF. 150 - 300#. PU/SO/ROT 180/138/161.MUD 44 VIS 11.9

US ROCKIES REGION
Operation Summary Report

Well: NBU 920-27G		Spud Conductor: 1/29/2009		Spud Date: 5/13/2010	
Project: UTAH-UINTAH		Site: NBU 920-27G		Rig Name No: PIONEER 69/69, PROPETRO/	
Event: DRILLING		Start Date: 5/2/2010		End Date: 9/15/2010	
Active Datum: RKB @4,843.00ft (above Mean Sea Level)			UWI: NBU 920-27G		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
9/8/2010	6:00 - 13:30	7.50	DRLPRO	02	B	P		DRILLED 8127 - 8316', 189'/7.5 HR 25.5'/HR. 115 STK/435 GPM 91 RPM/MM 50 RPM/ROTARY.24 - 26K WOB, ON BOTTOM/ OFF BOTTOM 2615/2320, DIFF. 150 - 300#. PU/SO/ROT 190/135/165.MUD 44 VIS 12.2
	13:30 - 14:00	0.50	DRLPRO	07	A	P		RIG SERVICE/ DERRICK INSP.
	14:00 - 17:00	3.00	DRLPRO	02	B	P		DRILLED 8316' - 8393', 77'/3 HR 25.6'/HR. SLID 5' @ 360 AZM., 115 STK/435 GPM 91 RPM/MM 50 RPM/ROTARY.24 - 26K WOB, ON BOTTOM/ OFF BOTTOM 2615/2320, DIFF. 150 - 300#. PU/SO/ROT 190/135/165.MUD 44 VIS 12.2
	17:00 - 18:00	1.00	DRLPRO	05	C	P		CIRC, BUILD A 60 BBL.14.2# SLUG AND PUMP THE SAME
	18:00 - 23:30	5.50	DRLPRO	06	A	P		TOH TO CHANGE BIT AND MUD MOTOR NO HOLE PROBLEMS ON THE WAY OUT
	23:30 - 0:00	0.50	DRLPRO	06	A	P		CHANGED OUT BIT AND MUD MOTOR. NEW MOTOR 1.5 DEG BEND, .16 RPG.
	0:00 - 2:30	2.50	DRLPRO	06	A	P		PU NEW MUD MOTOR,ORIENT BHA, TIH TO CASING SHOE. FILL THE PIPE
	2:30 - 4:00	1.50	DRLPRO	09	A	P		CUT AND SLIP 60' OF DRILLING LINE
	4:00 - 7:00	3.00	DRLPRO	06	A	P		TIH TO BOTTOM FILLED PIPE @ 4938' NO BRIDGES OR HOLE PROBLEMS
	7:00 - 7:30	0.50	DRLPRO	03	E	P		PU THE KELLY BROKE CIRCULATION AND WASHED 20' TO BOTTOM, 15' FLARE BOTTOMS UP
	7:30 - 17:30	10.00	DRLPRO	02	B	P		DRILLED 8393' - 8572', 179'/10 HR 17.9'/HR., 110 STK/416 GPM 67 RPM/MM 30-45 RPM/ROTARY, 15-23K WOB, ON BOTTOM/ OFF BOTTOM 2150/2320, DIFF. 100 - 250#. PU/SO/ROT 185/145/171.MUD 42 VIS 12.1
	17:30 - 18:00	0.50	DRLPRO	07	A	P		RS
	18:00 - 0:00	6.00	DRLPRO	02	B	P		DRILLED 8572' - 8696' , 124'/6 HR 20.7'/HR., 110 STK/416 GPM 67 RPM/MM 30-50 RPM/ROTARY, 6-23K WOB, ON BOTTOM/ OFF BOTTOM 2150/2320, DIFF. 100 - 250#. PU/SO/ROT 185/145/171.MUD 42 VIS 12.1
	9/9/2010	0:00 - 6:00	6.00	DRLPRO	02	B	P	
6:00 - 14:30		8.50	DRLPRO	02	B	P		DRILLED 8793' - 8982' , 189'/8.5 HR 22.2'/HR., 110 STK/416 GPM 67 RPM/MM 30-40 RPM/ROTARY, 8-15K WOB, ON BOTTOM/ OFF BOTTOM 2150/2290, DIFF. 100 - 250#. PU/SO/ROT 200/150/178.MUD 42 VIS 12.1 WT
14:30 - 15:00		0.50	DRLPRO	07	A	P		RS
15:00 - 0:00		9.00	DRLPRO	02	B	P		DRILLED 8982' - 9173' , 191'/9 HR 21.2'/HR.,SLID 5', 110 STK/416 GPM 67 RPM/MM 35-40 RPM/ROTARY, 15-22K WOB, ON BOTTOM/ OFF BOTTOM 2160/2350, DIFF. 100 - 250#. PU/SO/ROT 185/160/178.MUD 42 VIS 12.2 WT
0:00 - 11:30		11.50	DRLPRO	02	B	P		DRILLED 9173' - 9426' , 253'/11.5 HR 22'/HR.,SLID 5' @ 320 AZM., 110 STK/416 GPM 67 RPM/MM 35-45 RPM/ROTARY, 20-24K WOB, ON BOTTOM/ OFF BOTTOM 2260/2510, DIFF. 100 - 250#. PU/SO/ROT 185/160/178.MUD 42 VIS 12.3 WT
9/10/2010	11:30 - 12:00	0.50	DRLPRO	05	C	P		CIRCULATE TO TRIP/ PUMP A 50BBL. 14.2# SLUG
	12:00 - 18:00	6.00	DRLPRO	06	A	P		TOH F/ BIT ONE TIGHT SPOT @ 4000'

US ROCKIES REGION
Operation Summary Report

Well: NBU 920-27G Spud Conductor: 1/29/2009 Spud Date: 5/13/2010
 Project: UTAH-UINTAH Site: NBU 920-27G Rig Name No: PIONEER 69/69, PROPETRO/
 Event: DRILLING Start Date: 5/2/2010 End Date: 9/15/2010
 Active Datum: RKB @4,843.00ft (above Mean Sea Level) UWI: NBU 920-27G

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
9/11/2010	18:00 - 22:00	4.00	DRLPRO	06	A	P		CHANGE OUT THE BIT AND TIH TO 9330'. STOPPED TO FILL PIPE @ THE CSG SHOE AND @ 5500'
	22:00 - 23:00	1.00	DRLPRO	03	D	P		PU THE KELLY BROKE CIRC. AND REAMED THE LAST 95' TO BOTTOM NO FILL
	23:00 - 0:00	1.00	DRLPRO	02	B	P		DRILLED 9426' - 9457', 31'1 HR 31'/HR., 110 STK/416 GPM 67 RPM/MM 35-45 RPM/ROTARY, 12-16K WOB, ON BOTTOM/ OFF BOTTOM 2340/2500, DIFF. 100 - 250#. PU/SO/ROT 185/160/178.MUD 42 VIS 12.4
	0:00 - 6:00	6.00	DRLPRO	02	B	P		DRILLED 9457'-9615', 158'6 HR 26.3'/HR., 110 STK/416 GPM 67 RPM/MM 35-45 RPM/ROTARY, 16-18K WOB, ON BOTTOM/ OFF BOTTOM 2340/2500, DIFF. 100 - 250#. PU/SO/ROT 195/160/182.MUD 42 VIS 12.4
	6:00 - 13:30	7.50	DRLPRO	02	B	P		DRILLED 9615'-9836', 221'7.5 HR 29.5'/HR., 110 STK/416 GPM 67 RPM/MM 35-45 RPM/ROTARY, 16-22K WOB, ON BOTTOM/ OFF BOTTOM 2340/2500, DIFF. 100 - 250#. PU/SO/ROT 205/160/190.MUD 42 VIS 12.5
	13:30 - 14:00	0.50	DRLPRO	07	A	P		RS
	14:00 - 20:00	6.00	DRLPRO	02	B	P		DRILLED 9836'-9994', 158'6 HR 26.3'/HR., 110 STK/416 GPM 67 RPM/MM 35-45 RPM/ROTARY, 16-22K WOB, ON BOTTOM/ OFF BOTTOM 2420/2580, DIFF. 100 - 250#. PU/SO/ROT 205/160/190.MUD 42 VIS 12.5
	20:00 - 21:00	1.00	DRLPRO	22	L	Z		MWD TOOL WAS NOT RESPONDING. ATTEMPTING TO SYNC UP
	21:00 - 0:00	3.00	DRLPRO	02	B	P		DRILLED 9994'-10058', 64'3 HR 21.3'/HR., 110 STK/416 GPM 67 RPM/MM 35-45 RPM/ROTARY, 16-22K WOB, ON BOTTOM/ OFF BOTTOM 2420/2600, DIFF. 100 - 250#. PU/SO/ROT 205/160/190.MUD 42 VIS 12.5
	9/12/2010	0:00 - 16:00	16.00	DRLPRO	02	B	P	
9/13/2010	16:00 - 17:30	1.50	DRLPRO	05	C	P		CIRCULATE AND CONDITION
	17:30 - 0:00	6.50	DRLPRO	06	E	P		MADE A WIPER TRIP TO THE SHOE
	0:00 - 1:00	1.00	DRLPRO	03	E	P		PU THE KELLY, BROKE CIRCULATION AND WASHED DOWN 30'. THERE WAS 6' OF FILL.
	1:00 - 3:30	2.50	DRLPRO	05	C	P		CIRCULATED AND CONDITIONED F/ LOGS. PUMPED A 50 BBL. 14# SLUG
	3:30 - 10:00	6.50	DRLPRO	06	B	P		TOH F/ LOGS. NO HOLE ISSUES NOTED ON THE TRIP OUT.
	10:00 - 15:30	5.50	DRLPRO	11	D	P		HELD SM W/ BAKER ATLAS, R/U AND RAN TRIPLE COMBO LOGS., LOGGERS TD 10550' WORKED BLIND AND PIPE RAMS
	15:30 - 16:00	0.50	DRLPRO	07	A	P		RS
	16:00 - 19:00	3.00	DRLPRO	06	A	P		TIH W/ THE BHA AND DP TO 6800'
	19:00 - 23:30	4.50	DRLPRO	06	A	P		HELD A S/M RIGGED UP KIMSEY CASING AND LDDP
	23:30 - 0:00	0.50	DRLPRO	06	A	P		L/D THE FLAG POLE AND TIH W/ DRILL PIPE LEFT IN THE DERRICK
9/14/2010	0:00 - 2:00	2.00	DRLPRO	06	A	P		TIH W/ DP
	2:00 - 7:30	5.50	DRLPRO	06	A	P		LDDP, BREAK THE KELLY, LD BHA
	7:30 - 8:00	0.50	DRLPRO	14	B	P		PULL THE WEAR RING
	8:00 - 9:00	1.00	DRLPRO	12	A	P		SM AND RU UP KIMSEY CASING CREW

US ROCKIES REGION
Operation Summary Report

Well: NBU 920-27G		Spud Conductor: 1/29/2009		Spud Date: 5/13/2010	
Project: UTAH-UINTAH		Site: NBU 920-27G		Rig Name No: PIONEER 69/69, PROPETRO/	
Event: DRILLING		Start Date: 5/2/2010		End Date: 9/15/2010	
Active Datum: RKB @4,843.00ft (above Mean Sea Level)			UWI: NBU 920-27G		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	9:00 - 16:30	7.50	DRLPRO	12	C	P		RAN 26 JT(1087.4') OF HCP-110/11.6#/ BTC CASING AND 223 JTS (9430') OF I-80/11.6#/ BTC CASING + 2 I-80 MARKER JTS(19'). CASING LANDED AT 10545'. SHOE/10543.5', FLOAT COLLAR/10499.3', MARKER JT #1/8306.1'-8315.15', MARKER JT #2/ 5004.1'-5014.', MANDREL ASSEMBLY=6', KB/18' LANDED 9/14/2010 16:30 RD KINSEY, RU BJ HOLD S/M CIRCULATE 90/STK, 941PSI, 341/GPM PRESSURE TEST TO 5000#, PUMP40 BBL. WATER SPACER FOLLOWED BY LEAD CEMENT: 617 SK (203 BBL) OF PREMIUM LITE/12.8#/ 1.85 YLD, FOLLOWED BY TAIL CEMENT: 1266 SKS (296 BBL) CLASS G 50/50 POZ / 14.3#/ 1.31 YLD. DISPLACED W/ 163 BBL. OF CLAY TREAT WATER. PD 9/14/2010 20:20. FINAL LIFT PRESSURE 2900 BUMPED PLUG w/ 3780 PSI. PRESSURE HELD 5 MIN. 2 BBL. RETURNED TO THE TRUCK. TRACE OF CEMENT AND CELLO FLAKE RETURNED TO THE PIT. LD LANDING JT AND RD BJ ND THE BOP AND CLEAN PITS RD CLEAN PITS RIG RELEASED 9/15/2010 01:00
	16:30 - 18:00	1.50	DRLPRO	05	D	P		
	18:00 - 21:00	3.00	DRLPRO	12	E	P		
	21:00 - 0:00	3.00	DRLPRO	14	A	P		
9/15/2010	0:00 - 1:00	1.00	DRLPRO	01	E	P		

US ROCKIES REGION
Operation Summary Report

Well: NBU 920-27G	Spud Conductor: 1/29/2009	Spud Date: 5/13/2010
Project: UTAH-UINTAH	Site: NBU 920-27G	Rig Name No: PIONEER 69/69, PROPETRO/
Event: DRILLING	Start Date: 5/2/2010	End Date: 9/15/2010
Active Datum: RKB @4,843.00ft (above Mean Sea Level)	UWI: NBU 920-27G	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	1:00 - 1:00	0.00	DRLPRO					<p>CONDUCTOR CASING: Cond. Depth set: 40 Cement sx used:</p> <p>SPUD DATE/TIME: 5/13/2010 10:30</p> <p>SURFACE HOLE: Surface From depth: 18 Surface To depth: 2,824 Total SURFACE hours: 28.50 Surface Casing size: 8 5/8 # of casing joints ran: 62 Casing set MD: 2,744.0 # sx of cement: 220/LEAD 170/TAIL 150/TOP OFF Cement blend (ppg:) 11.0/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:</p> <p>PRODUCTION: Rig Move/Skid start date/time: 8/31/2010 3:30 Rig Move/Skid finish date/time: 8/31/2010 16:00 Total MOVE hours: 12.5 Prod Rig Spud date/time: 9/2/2010 3:30 Rig Release date/time: 9/15/2010 1:00 Total SPUD to RR hours: 309.5 Planned depth MD 10,553 Planned depth TVD 10,553 Actual MD: 10,553 Actual TVD: 10,551 Open Wells \$: \$992,529 AFE \$: \$1,235,600 Open wells \$/ft: \$94.05</p> <p>PRODUCTION HOLE: Prod. From depth: 2,824 Prod. To depth: 10,553 Total PROD hours: 205.5 Log Depth: 10550 Production Casing size: 4 1/2 # of casing joints ran: 251 Casing set MD: 10,545.0 # sx of cement: 617/LEAD 1266/TAIL Cement blend (ppg:) 12.8/LEAD 14.3/TAIL Cement yield (ft3/sk): 1.85/LEAD 1.31/TAIL Est. TOC (Lead & Tail) or 2 Stage : 18'/LEAD 3250'/TAIL Describe cement issues: Describe hole issues: LOTS OF CLAY /BIT BALLING</p>

US ROCKIES REGION
Operation Summary Report

Well: NBU 920-27G		Spud Conductor: 1/29/2009		Spud Date: 5/13/2010	
Project: UTAH-UINTAH			Site: NBU 920-27G		Rig Name No: LEED 698/698
Event: COMPLETION			Start Date: 9/21/2010		End Date: 9/27/2010
Active Datum: RKB @4,843.00ft (above Mean Sea Level)			UWI: NBU 920-27G		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
9/21/2010	7:00 - 18:00	11.00	COMP	30	A	P		<p>7AM [DAY 1] JSA--R/D RIG, ROADING RIG, RIGGING UP RIG, P/U TBG</p> <p>PRIOR TO MIRU, CUTTERS RAN A CBL LOG FROM 10,427 TO SURFACE. EST CMT TOP @ 320'. MAX TEMP 212*.</p> <p>RDMO DIABLO 924-31L. ROAD RIG TO NBU 920-27G. MIRU, SPOT EQUIPMENT. NDWH, NUBOP. R/U FLOOR & TBG EQUIPMENT. P/U 3-7/8" MILL & NEW 2-3/8" L-80 TBG & RIH. [SLM] TBG WAS DRIFTED. EOT @ 9,958'.</p> <p>6PM SWI-SDFN. PREP TO C/O OUT IN AM.</p>
9/22/2010	7:00 - 15:00	8.00	COMP	30		P		<p>7AM JSA, R/U SWVL, POOH, P.T., PERF</p> <p>EOT 9,958'. SICP=0# SITP=0#, P/U 17 JTS & RIH. TAG WET CMT @ 10,467'. R/USWVL, DRILL & C/O 35' WET CMT TO 10,502'.</p> <p>CIRC WELL CLEAN W/ 130BBLS TMAC. R/D SWVL, POOH & L/D 18 JTS ON FLOAT. CONTINUE POOH STDG BACK TBG. L/D BHA. R/D FLOOR & TBG EQUIPMENT. NDBOP, NU FV'S</p> <p>MIRU B&C QUICKTEST. P.T. CSG AND FV'S TO 7,000PSI. RDMO B&C.</p> <p>STG#1--MIRU CUTTERS RIH W/ PERF GUNS & PERF THE M.V. @ 10,482'-10,488' & 10,408'-10,410' USING 3-3/8" EXP GUNS, 23GM, 0.36, 4SPF, 90'PHS, 32 HOLES. WHP 0 #.</p>
9/23/2010	-		COMP	30		P		<p>POOH, L/D W.L. TOOLS. SWI. SDFN.</p> <p>[DAY 3] WAIT ON FRAC CREW--STAND-BY</p>

US ROCKIES REGION
Operation Summary Report

Well: NBU 920-27G		Spud Conductor: 1/29/2009		Spud Date: 5/13/2010	
Project: UTAH-UINTAH		Site: NBU 920-27G		Rig Name No: LEED 698/698	
Event: COMPLETION		Start Date: 9/21/2010		End Date: 9/27/2010	
Active Datum: RKB @4,843.00ft (above Mean Sea Level)			UWI: NBU 920-27G		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
9/24/2010	12:25 - 23:58	11.55	COMP	36	E	P	12N [DAY 4]	<p>JSA FRAC & WIRELINE WORK.</p> <p>STG#1] MIRU SUPERIOR. P.T. SURFACE LINES TO 8000#. WHP=2200#. BRK DN PERFS @ 3583# @ 4 BPM. ISIP=3085, FG=.73 BULLHEAD 3 BBLs 15% HCL. CALCULATE 22/32 68% PERFS OPEN. PMPD 1281 BBLs SLK WATER & 42,060 # 30/50 SAND WITH 5000# SLC @ TAIL. ISIP= 3480, FG=.77, NPI= 395, MP= 6919, MR= 48, AP= 5878, AR= 40 BPM</p> <p>STG# 2] RIH W/ BAKER 8K CBP & PERF GUNS. SET CBP @ 10,242'. PERF MV @ 10,208-10,212 4 SPF, 10,062-10,066 3SPF 10,032-10,036 2 SPF USING 3-3/8" EXP GUNS 23GM, 0.36 (36 HOLES) WHP= 224#. BRK DN PERFS @ 3798#. @ 5 BPM, ISIP=3202, FG=.76. CALCULATE 24/36 66% PERFS OPEN. PUMPED 1125 BLS SLK WATER. 36,003 # 30/50 SAND WITH 5000# SLC @ TAIL. ISIP= 3381, FG= .77, NPI= 179, MP= 6947, MR= 52, AP= 6272, AR=43 BPM. SCREEN OUT ON FLUSH, FLOW BACK 200 BBLs, REFLUSH.</p> <p>STG# 3] RIH W/ BAKER 8K CBP & PERF GUNS. SET CBP @ 9892' PERF MV @9860-9862 4SPF,9808-9810 4 SPF, 9750-9754 3 SPF, 9690-9692 3 SPF, 9640-9642 3 SPF USING 3-3/8" EXP GUNS 23GM, 0.36 (40 HOLES) WHP=300 #. BRK DN PERFS @ 4397#. @ 5 BPM, ISIP= 2837, FG=.73. CALCULATE 27/40-66%PERFS OPEN. PUMPED 885 BLS SLK WATER. 30,963# 30/50 SAND. WITH 5000# SLC @ TAIL. ISIP=3073 , FG=.75 , NPI=236 , MP=6727 , MR=50 , AP=5864 , AR=39 BPM.</p> <p>STG# 4] RIH W/ BAKER 8K CBP & PERF GUNS. SET CBP @ 9422'. PERF MV @9388-9392 4SPF, 9336-9340 4SPF 9156-9158 3SPF, USING 3-3/8" EXP GUNS 23GM, 0.36 (38 HOLES) WHP= 145#. BRK DN PERFS @ 3830#. @ 5 BPM, ISIP= 2712, FG=.73. CALCULATE 24/38-66% PERFS OPEN. PUMPED 985 BLS SLK WATER. 36,206 # 30/50 SAND. WITH 5000# SLC @ TAIL. ISIP=3202 , FG=.78 , NPI=490, MP=6909, MR=52 , AP=6090, AR=46.2 BPM.</p> <p>STG# 5] RIH W/ BAKER 8K CBP & PERF GUNS. SET CBP @ 9004' PERF MV @ 8970-8974 4SPF, 8854-8858 3SPF USING 3-3/8" EXP GUNS 23GM, 0.36 (28 HOLES) WHP=450#. BRK DN PERFS @ 4059#. @ 5 BPM, ISIP= 2521, FG=.72. CALCULATE 19/28-66% PERFS OPEN. PUMPED 1034 BBLs SLK WATER. 39,327# SAND. WITH 5000# SLC @ TAIL. ISIP=3357 , FG=.82 , NPI=836 , MP=6708 , MR=50 , AP=6056 , AR=4 BPM</p> <p>STG# 6] RIH W/ BAKER 8K CBP & PERF GUNS. SET CBP @ 8740' PERF MV @ 8696-8700 4SPF, 8640-8644 3SPF 8614-8616 3SPF USING 3-3/8" EXP GUNS 23GM,</p>

US ROCKIES REGION
Operation Summary Report

Well: NBU 920-27G		Spud Conductor: 1/29/2009	Spud Date: 5/13/2010
Project: UTAH-UINTAH		Site: NBU 920-27G	Rig Name No: LEED 698/698
Event: COMPLETION		Start Date: 9/21/2010	End Date: 9/27/2010
Active Datum: RKB @4,843.00ft (above Mean Sea Level)		UWI: NBU 920-27G	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
								0.36 (34 HOLES) WHP=2628#. BRK DN PERFS @ 3344#. @ 5 BPM, ISIP= 2714, FG=75. CALCULATE 22/34-65% PERFS OPEN. PUMPED 957 BBLS SLK WATER. 36,461# SAND WITH 5000# SLC @ TAIL. ISIP=3245 , FG=81 , NPI=531 , MP=6850 , MR=52 , AP=5882 , AR=46.6 BPM [KILL PLUG] RIH WITH BAKER 8K CBP. SET CBP @ 8526'. POOH & L/D WIRELINE TOOLS. RDMO CUTTERS & SUPERIOR. GRAND TOTAL OF 30/50 & SLC SAND=221,020#, & TOTAL FLUID=6267 BBLS. SWI-SDF-WE PREP TO D/O PLUGS ON MONDAY 9-27-2010

US ROCKIES REGION
Operation Summary Report

Well: NBU 920-27G		Spud Conductor: 1/29/2009		Spud Date: 5/13/2010	
Project: UTAH-UINTAH		Site: NBU 920-27G		Rig Name No: LEED 698/698	
Event: COMPLETION		Start Date: 9/21/2010		End Date: 9/27/2010	
Active Datum: RKB @4,843.00ft (above Mean Sea Level)			UWI: NBU 920-27G		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
9/27/2010	7:00 - 17:00	10.00	COMP	30		P		<p>7AM [DAY 5] JSA--RIH W/ BIT, D/O PLUGS, LAND TBG.</p> <p>WHP=0#. R/D FLOOR. NDFV'S, NUBOP. R/U FLOOR & TBG EQUIPMENT. P/U WTRD SEALED BRG BIT, POBS W/ XN & RIH OUT OF DERRICK ON NEW 2-3/8" L-80 TBG. TAG KILL PLUG @ 8526'. R/U SWVL & RIG PUMP. FILL CSG & ESTABLISH CIRCULATION. P.T. BOP TO 3000#.</p> <p>[DRLG CBP#1] @ 8526'. D/O BAKER 8K CBP IN 6 MIN. 200# INCREASE. RIH & C/O 30' SAND TO CBP#2. FCP=100#.</p> <p>[DRLG CBP#2] @ 8740'. D/O BAKER 8K CBP IN 3-1/2 MIN. 150# INCREASE. RIH & C/O 30' SAND TO CBP#3. FCP=100#.</p> <p>[DRLG CBP#3] @ 9004'. D/O BAKER 8K CBP IN 5-1/2 MIN. 350# INCREASE. RIH & C/O 30' SAND TO CBP#4. FCP=250#.</p> <p>[DRLG CBP#4] @ 9422'. D/O BAKER 8K CBP IN 4-1/2 MIN. 200# INCREASE. RIH & C/O 31' SAND TO CBP#5. FCP=375#.</p> <p>[DRLG CBP#5] @ 9892'. D/O BAKER 8K CBP IN 5-1/2 MIN. 25# INCREASE. RIH & C/O 31' SAND TO CBP#6. FCP=350#.</p> <p>[DRLG CBP#6] @ 10,242'. D/O BAKER 8K CBP IN 2 MIN. 0# INCREASE. RIH & C/O 16' SAND TO PBTD @ 10, 502'. BTM PERF @ 10,488'.-- 14' RATHOLE. CIRCULATE WELL CLN. R/D SWVL. POOH & L/D 16 JTS ON FLOAT. LAND TBG ON HANGER W/ 316 JTS NEW 2-3/8" N-80 TBG. EOT @ 10,010.88' & POBS W/ XN @ 10,008.68'. AVG 4-1/2 MIN/PLUG & C/O 168' SAND. R/D FLOOR & TBG EQUIPMENT. NDBOP, NUWH. DROP BALL DOWN TBG & PUMP OFF THE BIT @ 3100#.</p> <p>OPEN WELL TO FBT ON 20/64 CHOKE. FTP=1900#, SICP=2350#.</p> <p>4 PM TURN WELL OVER TO TEAM FBC. LTR=2967 BBLs. RACK EQUIPMENT. R/D RIG.</p> <p>SDFN</p> <p>NOTE: 348 JTS DELIVERED 316 JTS LANDED 32 JTS RETURNED</p>
9/28/2010	9:28 -		PROD	50				<p>WELL TURNED TO SALES @ 1500 HR ON 9/28/10 - 2500 MCFD, 1224 BWPD, CP 3400#, FTP 2400#, CK 20/64"</p>
9/30/2010	7:00 -			50				<p>WELL IP'D ON 9/30/10 -2497 MCFD, 0 BOPD, 672 BWPD, CP 3400#, FTP 2400#, CK 20/64", LP 99#, 24 HRS</p>

1 General

1.1 Customer Information

Company	US ROCKIES REGION
Representative	
Address	

1.2 Well Information

Well	NBU 920-27G	Wellbore No.	OH
Well Name	NBU 920-27G	Common Name	NBU 920-27G
Project	UTAH-UINTAH	Site	NBU 920-27G
Vertical Section Azimuth	82.82 (°)	North Reference	True
Origin N/S	0.0 (ft)	Origin E/W	0.0 (ft)
Spud Date	5/13/2010	UWI	NBU 920-27G
Active Datum	RKB @4,843.00ft (above Mean Sea Level)		

2 Survey Name

2.1 Survey Name: Survey #1

Survey Name	Survey #1	Company	MULTISHOT
Started	5/13/2010	Ended	
Tool Name	GMS	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 (°)
5/13/2010	Tie On	14.00	0.00	0.00	14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/13/2010	NORMAL	514.00	0.90		513.98	3.93	0.00	0.49	0.18	0.18	0.00	0.00
	NORMAL	1,014.00	0.70		1,013.93	10.91	0.00	1.36	0.04	-0.04	0.00	180.00
	NORMAL	1,514.00	1.40		1,513.84	20.07	0.00	2.51	0.14	0.14	0.00	0.00
	NORMAL	2,014.00	1.00		2,013.73	30.54	0.00	3.82	0.08	-0.08	0.00	180.00
	NORMAL	2,514.00	1.00		2,513.66	39.27	0.00	4.91	0.00	0.00	0.00	0.00

2.2 Survey Name: Survey #2

Survey Name	Survey #2	Company	SCIENTIFIC
Started	9/1/2010	Ended	
Tool Name	MWD	Engineer	Anadarko

2.2.1 Tie On Point

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)
2,514.00	1.00	0.00	2,513.66	39.27	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 (°)
9/1/2010	Tie On	2,514.00	1.00	0.00	2,513.66	39.27	0.00	4.91	0.00	0.00	0.00	0.00
9/2/2010	NORMAL	2,882.00	0.44	130.15	2,881.64	41.57	1.08	6.26	0.36	-0.15	35.37	165.32
	NORMAL	3,174.00	1.01	327.69	3,173.63	43.02	0.56	5.93	0.49	0.20	-55.64	-167.76
	NORMAL	3,457.00	0.62	343.50	3,456.60	46.60	-1.21	4.62	0.16	-0.14	5.59	157.78
	NORMAL	3,735.00	0.65	328.54	3,734.58	49.38	-2.46	3.73	0.06	0.01	-5.38	-87.28
	NORMAL	4,018.00	1.03	359.31	4,017.55	53.30	-3.33	3.36	0.20	0.13	10.87	65.96
9/3/2010	NORMAL	4,305.00	1.18	347.33	4,304.50	58.76	-4.00	3.37	0.10	0.05	-4.17	-63.09
	NORMAL	4,596.00	3.55	26.11	4,595.24	69.77	-0.70	8.03	0.94	0.81	13.33	54.46
	NORMAL	4,720.00	0.64	80.81	4,719.15	73.33	1.68	10.82	2.60	-2.35	44.11	170.67
9/4/2010	NORMAL	4,909.00	1.68	174.58	4,908.12	70.74	2.98	11.79	0.97	0.55	49.61	114.11
	NORMAL	5,131.00	1.64	176.87	5,130.03	64.33	3.46	11.47	0.03	-0.02	1.03	122.23
	NORMAL	5,322.00	1.72	171.71	5,320.95	58.77	4.03	11.33	0.09	0.04	-2.70	-64.72
	NORMAL	5,512.00	2.28	203.08	5,510.84	52.47	2.95	9.49	0.64	0.29	16.51	79.17
	NORMAL	5,702.00	1.01	222.86	5,700.76	47.76	0.33	6.30	0.72	-0.67	10.41	165.58
	NORMAL	5,888.00	0.87	202.34	5,886.73	45.25	-1.32	4.35	0.19	-0.08	-11.03	-122.62
9/5/2010	NORMAL	6,141.00	1.56	189.77	6,139.67	40.08	-2.63	2.40	0.29	0.27	-4.97	-27.48
	NORMAL	6,365.00	1.40	178.81	6,363.60	34.34	-3.09	1.22	0.14	-0.07	-4.89	-124.88
	NORMAL	6,587.00	0.55	222.49	6,585.57	30.85	-3.76	0.13	0.48	-0.38	19.68	159.24
	NORMAL	6,808.00	0.60	174.66	6,806.56	28.91	-4.37	-0.72	0.21	0.02	-21.64	-108.31
	NORMAL	7,029.00	1.01	157.05	7,027.54	25.97	-3.50	-0.23	0.21	0.19	-7.97	-40.11
9/6/2010	NORMAL	7,249.00	0.58	117.56	7,247.52	23.67	-1.75	1.22	0.31	-0.20	-17.95	-146.74
	NORMAL	7,472.00	0.60	184.36	7,470.51	21.98	-0.84	1.91	0.29	0.01	29.96	121.93
	NORMAL	7,691.00	0.62	177.64	7,689.49	19.65	-0.88	1.58	0.03	0.01	-3.07	-77.76
	NORMAL	7,914.00	0.62	180.45	7,912.48	17.24	-0.84	1.32	0.01	0.00	1.26	91.40
9/7/2010	NORMAL	8,166.00	0.26	173.32	8,164.47	15.31	-0.79	1.13	0.14	-0.14	-2.83	-174.91
	NORMAL	8,335.00	0.21	133.36	8,333.47	14.72	-0.52	1.33	0.10	-0.03	-23.64	-126.29
9/8/2010	NORMAL	8,424.00	0.30	187.73	8,422.47	14.37	-0.43	1.37	0.28	0.10	61.09	98.22
	NORMAL	8,613.00	0.34	153.91	8,611.47	13.38	-0.25	1.42	0.10	0.02	-17.89	-95.29
9/9/2010	NORMAL	8,898.00	0.68	129.89	8,896.46	11.53	1.42	2.85	0.14	0.12	-8.43	-44.56
9/10/2010	NORMAL	9,151.00	0.64	121.04	9,149.44	9.84	3.78	4.98	0.04	-0.02	-3.50	-115.81
	NORMAL	9,373.00	0.38	215.31	9,371.43	8.60	4.42	5.46	0.35	-0.12	42.46	150.44
9/11/2010	NORMAL	9,720.00	0.29	203.82	9,718.43	6.86	3.40	4.23	0.03	-0.03	-3.31	-148.91
	NORMAL	9,973.00	0.50	144.05	9,971.42	5.38	3.79	4.43	0.17	0.08	-23.62	-95.06
9/12/2010	NORMAL	10,227.00	0.77	137.11	10,225.41	3.23	5.60	5.96	0.11	0.11	-2.73	-19.39
	NORMAL	10,500.00	1.01	100.59	10,498.38	1.45	9.22	9.32	0.22	0.09	-13.38	-86.03
	NORMAL	10,553.00	1.01	100.59	10,551.37	1.28	10.13	10.21	0.00	0.00	0.00	0.00

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-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 920-27G
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047379000000
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: 1907 FNL 2023 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE 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: 11/18/2010 <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 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"/>

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

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

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

NAME (PLEASE PRINT) Gina Becker	PHONE NUMBER 720 929-6086	TITLE Regulatory Analyst II
SIGNATURE N/A		DATE 11/18/2010

Name: NBU 920-27G 11/17/10
Location: SWNE 27 T9S R20E
 Uintah County, UT

ELEVATIONS: 4829' GL 4847' KB
TOTAL DEPTH: 10,553' **PBTD:** 10,502'
SURFACE CASING: 8 5/8", 28# J-55 ST&C @ 2763', TOC @ surface
PRODUCTION CASING: 4 1/2", 11.6#, I-80 LT&C @ 10,545'
 Marker Joint 5197'-5218'
 T.O.C.@
PERFORATIONS: Mesaverde 8614' - 10488'

	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

GEOLOGICAL TOPS:

1661' Green River
 1888' Bird's Nest
 2274' Mahogany
 5044' Wasatch
 8314' Mesaverde
 10553' Bottom of Mesaverde (TD)

Completion Information:

- 9/24/10 - Perf and frac gross MV interval f/ 8614' - 10,488' in 6 stages using 221,020# sand & 6267 bbls slickwater
- Well IP'd on 9/30/10 -2497 MCFD, 0 BOPD, 672 BWPD, CP 3400#, FTP 2400#, CK 20/64", LP 99#, 24 HRS

NBU 920-27G – WELLHEAD REPLACEMENT PROCEDURE

PREP-WORK PRIOR TO MIRU:

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

WORKOVER PROCEDURE:

1. MIRU workover rig.
2. Kill well with 10# brine / KCL (dictated by well pressure).
3. Remove tree, install double BOP with blind and 2 3/8” pipe rams, with accumulator closing unit and manual back-ups. Function test BOP system.
4. Pooh w/ tubing.
5. Rig up wireline service. RIH and set CBP @ ~8564’. Dump bail 4 sx cement on top of plug. POOH and RD wireline service.
6. Remove BOP and ND WH.
7. Depending on conditions at wellsite, continue with either CUT/PATCH Procedure or BACK-OFF Procedure.

CUT/PATCH PROCEDURE:

1. PU internal casing cutters and RIH. Cut casing at +/- 30’ from surface.
2. Pooh, LD cutters and casing.

3. PU & RIH w/ 4 ½" 10k external casing patch on 4 ½" I-80 or P-110 casing.
4. Latch fish, PU to 100,000# tension. RU B&C. Cycle pressure test to 7,000# / 9,000# psi.
5. Install C-22 slips. Land casing w/ 80,000# tension.
6. Cut-off and dress 4 ½" casing stub.
7. NUWH. PU 3 7/8" bit, POBS and RIH. D/O cement and plug ~8564'. Clean out to PBTB (10,502').
8. POOH, land tbg and pump off POBS.
9. NUWH, RDMO. Turn well over to production ops.

BACK-OFF PROCEDURE:

1. PU internal casing cutters and RIH. Cut casing at +/- 6' from surface.
2. POOH, LD cutters and casing.
3. PU 4 ½" overshot. RIH, latch fish. Pick string weight to neutral.
4. MIRU wireline services. RIH and shoot string shot at casing collar @ 46'.
5. MIRU casing crew.
6. Back-off casing, Pooh.
7. PU new casing joint w/ entry guide and RIH. Tag casing top. Thread into casing and torque up to +/- 6000#.
8. PU 100,000# tension string weight. RU B&C. Cycle pressure test to 7,000# / 9,000# psi.
9. Install C-22 slips. Land casing w/ 80,000# tension.
10. Cut-off and dress 4 ½" casing stub.
11. NUWH. PU 3 7/8" bit, POBS and RIH. D/O cement and plug ~8646'. Clean out to PBTB (10,702').
12. POOH, land tbg and pump off POBS.
13. NUWH, RDMO. Turn well over to production ops.



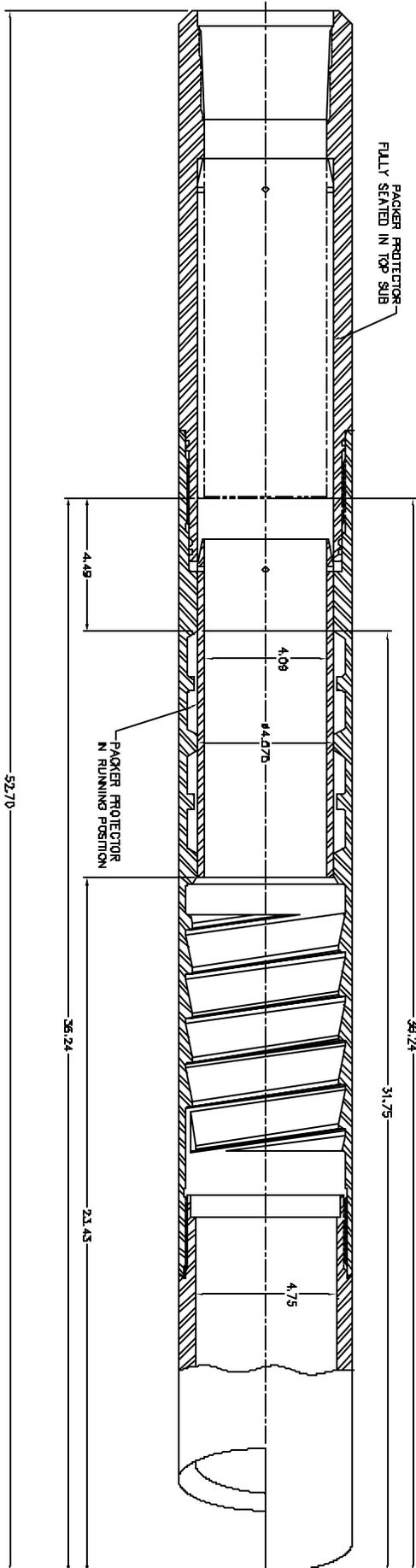
Logan High Pressure Casing Patches Assembly Procedure

All parts should be thoroughly greased before being assembled.

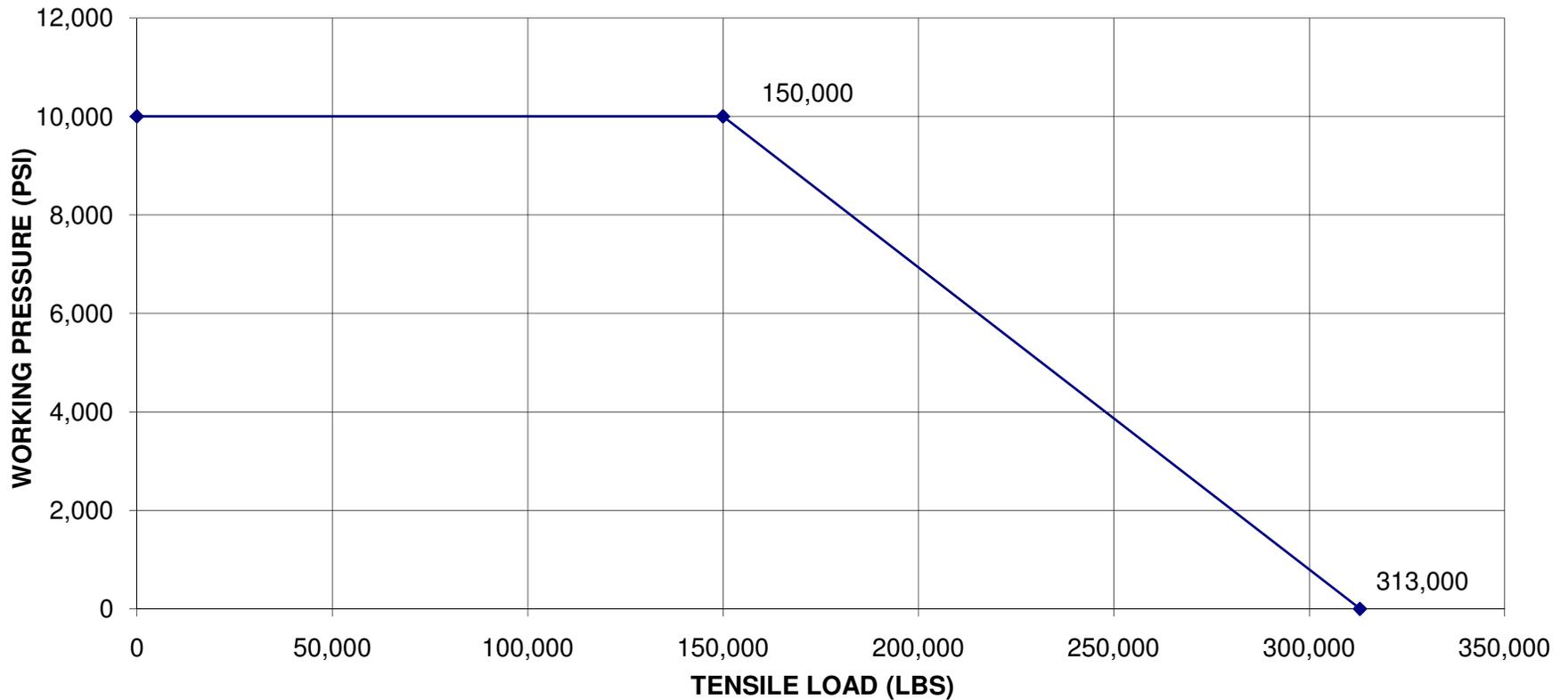
1. Install all four Logan Type "L" Packers in the spaces provided in the Casing Patch Bowl. Refer to diagram provided for proper installation.
2. Install Packer Protector from the Basket Grapple end of the Bowl. The beveled end of the Packer Protector goes in first. Carefully push the Packer Protector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

Follow recommended Make-Up Torque as provided in chart.

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



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



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

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

DATA BY SLS 11/16/2009

RECEIVED November 18, 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 920-27G
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047379000000
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: 1907 FNL 2023 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE 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 checked="" type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/29/2010	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The operator has concluded wellhead/casing repairs on the subject well location. Please see the chronological well history for details of the operations.

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 12/29/2010

US ROCKIES REGION
Operation Summary Report

Well: NBU 920-27G		Spud Conductor: 1/29/2009		Spud Date: 5/13/2010				
Project: UTAH-UINTAH			Site: NBU 920-27G			Rig Name No: DOUBLE HOOK/UNK		
Event: WELL WORK EXPENSE			Start Date: 12/7/2010			End Date: 12/10/2010		
Active Datum: RKB @4,843.00ft (above Mean Sea Level)				UWI: NBU 920-27G				

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
12/7/2010	9:00 - 9:45	0.75	ALL	30	G	P		ROAD RIG F/ NBU 920-14H TO NBU 920-27G.
	9:45 - 10:15	0.50	ALL	48		P		HSM, REVIEW JSA #1 (RIG UP)
	10:15 - 10:30	0.25	ALL	30	B	P		SET GUIDE WIRES ON ANCHORS.
	10:30 - 11:30	1.00	ALL	30	F	P		CP. 300 PSI, TP. 300 PSI. BLEW TBG DWN, CONTROL TBG W/ 30 BBLs, ND WH, NU BOPS, RU FLOOR & TBG EQUIPMENT.
	11:30 - 14:45	3.25	ALL	31	I	P		UNLAND TBG HANGER, POOH W/ 316 JTS, L/N-80 TBG, 1.875 XN & HALF POBS. 2 JTS. GAULED
	14:45 - 15:45	1.00	ALL	34	I	P		RU CUTTERS WIRELINE SERVICES, RIH 4-1/2 10K CIBP & SET @ 8564', POOH TOOLS.
	15:45 - 17:30	1.75	ALL	34	D	P		RIH DUMP BAIL 4 SKS CLASS G CMT ON TOP OF CIBP, (2 RUNS) POOH TOOLS, RD CUTTERS. SWI, SDFN.
12/8/2010	7:00 - 7:30	0.50	ALL	48		P		HSM, REVIEW JSA # 5 (OPERATING PRESSURE PUMP)
	7:30 - 9:00	1.50	ALL	47	A	P		CP. 0 PSI. RD FLOOR & TBG EQUIPMENT, ND BOPS, ND CSG HEAD, DUG AROUND WH.
	9:00 - 11:30	2.50	ALL	30	C	P		CHANGE OUT & REPLACE 9/16 SAND LINE ON RIG # 1
	11:30 - 12:30	1.00	ALL	47	A	P		RU PWR SWVL, FILL 4-1/2 CSG.
	12:30 - 15:00	2.50	ALL	31	B	P		RU & RIH W/ 4-1/2 INTERNAL CSG CUTTER, CUT CSG @ 7', NO CUT , ATTEMPT SECOND CUT @ 8' GOOD, PU RUNNING TOOL, PULL 8' CSG W/ MANDREL, CHECK CMT, NO CMT @ 150', FILL CSG W/ T-MAC, INSTALL NEW KNIFES ON CUTTER, RIH CUT 4-1/2 CSG @ 36', L/D CUTTING TOOL, RIH W/ 4-1/2 CSG SPEAR W/ GRAPPLE, RETRIEVE 28' 4-1/2' CSG, L/D TOOLS, RD PWR SWVL,
	15:00 - 15:30	0.50	ALL	31	I	P		PU & RIH W/ 4-1/2 10K EXTERNAL CSG PATCH, LATCH ON FISH, PU TO 85K,
	15:30 - 19:00	3.50	ALL	33	C	P		RU B&C QUICK TESTERS, FILL CSG, PRESSURE TEST 4-1/2 CSG, 200 PSI. 5 MINS, 2000 PSI, 5 MINS, 7000 PSI FOR 15 MINS. HELD. RD B&C, INSTALL C-21 SLIP, LAND CSG W/ 80K TENSION, CUT-OFF & DRESS 4-1/2 CSG STUB, INSTALL H PLATE & CAP, RU B&C TESTED SURACE CSG, 200 PSI. 5 MINS, 500 PSI. 5 MINS, 900 PSI. 15 MINS, HELD, RD B&C TESTERS, SWI, SDFN.
12/9/2010	7:00 - 7:30	0.50	ALL	48		P		HSM, REVIEW JSA # 9 (TRIPPING TBG IN)
	7:30 - 8:30	1.00	ALL	47	C	P		CP. 0 PSI. INSTALL 11.5 FLANGE & CROSS OVER SPOOL, TORQUE ALL 1-7/8 BOLTS, TEST FLANGE & SEALS TO 5000 PSI/10 MINS.
	8:30 - 9:00	0.50	ALL	47	A	P		RU FLOOR & TBG EQUIPMENT, NU BOPS,
	9:00 - 11:15	2.25	ALL	31	I	P		PU 3-7/8 ROCK BIT, 1.875 XN POBS, & RIH 270 JTS. 2-3/8 L/N-80 TBG TAG CMT @ 8525'
	11:15 - 11:45	0.50	ALL	47	A	P		RU PWR SWVL.

US ROCKIES REGION
Operation Summary Report

Well: NBU 920-27G		Spud Conductor: 1/29/2009		Spud Date: 5/13/2010	
Project: UTAH-UINTAH		Site: NBU 920-27G		Rig Name No: DOUBLE HOOK/UNK	
Event: WELL WORK EXPENSE		Start Date: 12/7/2010		End Date: 12/10/2010	
Active Datum: RKB @4,843.00ft (above Mean Sea Level)			UWI: NBU 920-27G		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	11:45 - 12:45	1.00	ALL	31	I	P		RU TECH FOAM, INSTALL TSF, UNLOAD WELL, BROKE CIRC IN 20 MINS, D/O CMT F/ 8525' TO 8564', D/O CIBP @ 8564' IN 30 MINS, HAD 700 PSI. INCREASE, HANG BACK PWR SWVL, CONTROL TBG W/12 BBLS.
	12:45 - 17:30	4.75	ALL	31	N	P		POOH 3 JTS, REMOVE TSF, RIH W/ 332 JTS. 2-3/8 TBG TO BTM TAG FILL @ 10,481', PU PWR SWVL, BROKE CIRC IN 30 MINS, C/O TO 10,500' PBTD, HIT OLD POBS, CIRC WELL CLEAN, CONTROL TBG W/ 20 BBLS. RD PWR SWVL, POOH LD 1 JNT EOT @ 10,478', DROP BALL, POB W/ 42 BBLS, NOTICE NO PRESSURE, POOH & LD 15 JTS. ON TRAILER, RU & RIH 1.90 BROACH & BROACH 2-3/8 TBG TO SN @ 10,010.83', POOH TOOLS, SWI, SDFN.
12/10/2010	7:00 - 7:30	0.50	ALL	48		P		HSM, REVIEW JSA # 12 RIG DWN)
	7:30 - 8:30	1.00	ALL	31	I	P		SICP. 1600 PSI. SITP. 1200 PSI, BLEW TBG DWN, CONTROL TBG W/ 19 BBLS, LAND TBG HANGER.
	8:30 - 9:30	1.00	ALL	47	A	P		RD FLOOR EQUIPMENT, ND BOPS, NU WH, RDMOL, MOVE TO NBU 920-27H.
TBG DETAIL								
KB-----18' 7-1/16 WEATHERFORD HANGER-----.83" 316 JTS. 2-3/8 L/N-80 TBG-----9989.80' POBS 1.875XN-----2.20' EOT @-----10,010.83' WLTR.190 BBLS. NEW PBTD @ 10,500'								