

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No.
UTU-0575
6. If Indian, Allottee or Tribe Name
TRIBAL SURFACE
7. If Unit or CA Agreement, Name and No.
UNIT #891008900A
8. Lease Name and Well No.
NBU 921-20M
9. API Well No.
43047-3A365

2. Name of Operator
KERR MCGEE OIL AND GAS ONSHORE LP
3a. Address
1368 SOUTH 1200 EAST VERNAL, UT 84078

10. Field and Pool, or Exploratory
NATURAL BUTTES
11. Sec., T., R., M., or Blk, and Survey or Area

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface **SW/SW 568'FSL, 586'FWL 621012X 40.015795**
At proposed prod. Zone **44302634 -109.582069**

12. County or Parish
UINTAH
13. State
UTAH

14. Distance in miles and direction from nearest town or post office*
13.9 +/- MILES FROM OURAY, UTAH
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)
568'

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 10,180'

20. BLM/BIA Bond No. on file
RLB0005239

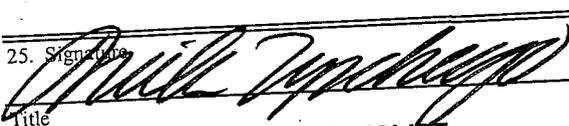
21. Elevations (Show whether DF, KDB, RT, GL, etc.)
4893'

22. Approximate date work will start*
UPON APPROVAL
23. Estimated duration
TO BE DETERMINED

24. Attachments

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

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

25. Signature  Name (Printed/Typed) **SHEILA UPCHEGO** Date **5/31/2007**
Title **SENIOR LAND ADMIN SPECIALIST**

Approved by  Name (Printed/Typed) **BRADLEY G. HILL** Date **06-19-07**
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.

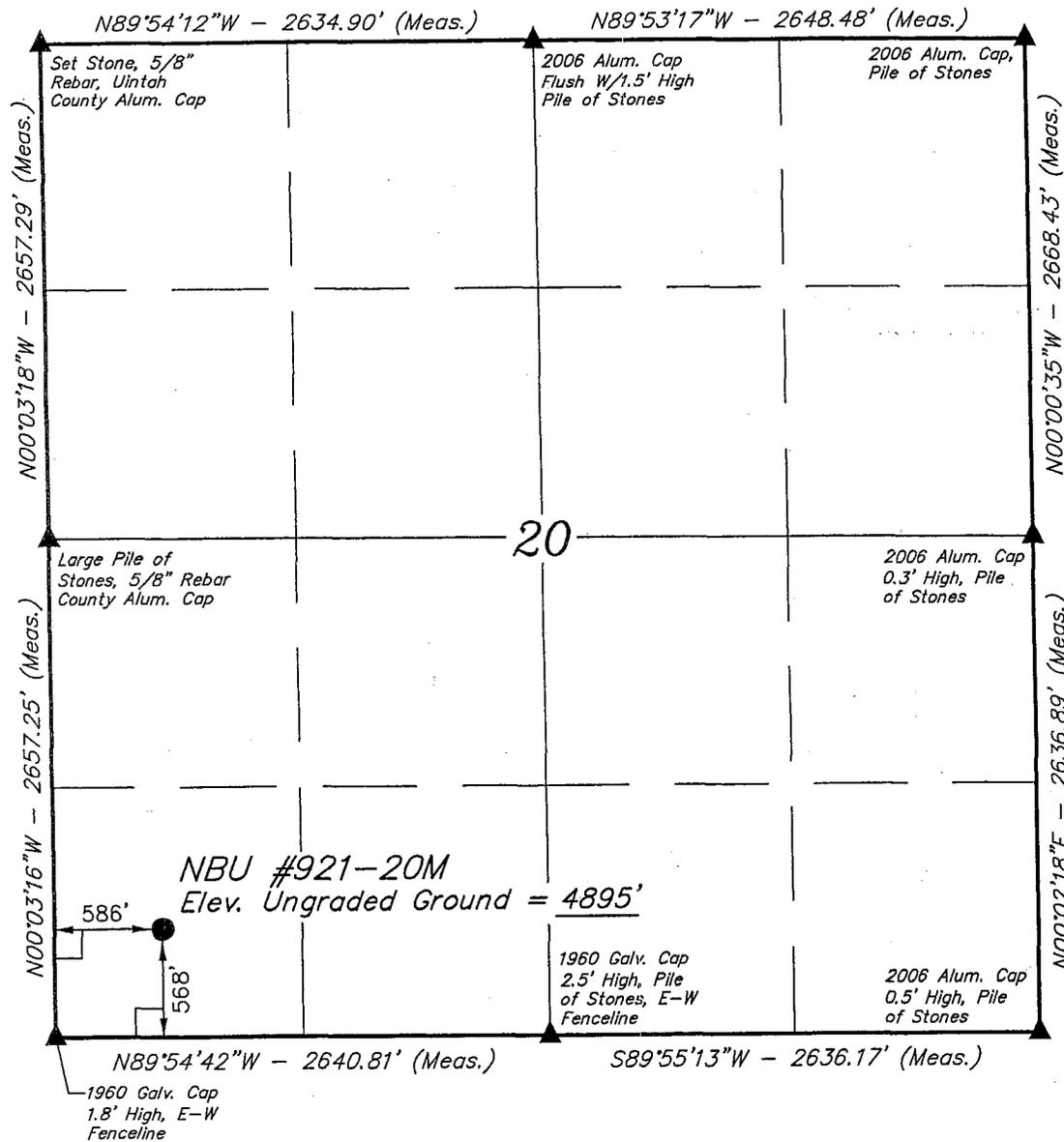
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Federal Approval of this
Action is Necessary

RECEIVED
JUN 11 2007
DIV. OF OIL, GAS & MINING

T9S, R21E, S.L.B.&M.



LEGEND:

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

(NAD 83)
 LATITUDE = 40°00'56.92" (40.015811)
 LONGITUDE = 109°34'58.45" (109.582903)
 (NAD 27)
 LATITUDE = 40°00'57.05" (40.015847)
 LONGITUDE = 109°34'55.97" (109.582214)

Kerr-McGee Oil & Gas Onshore LP

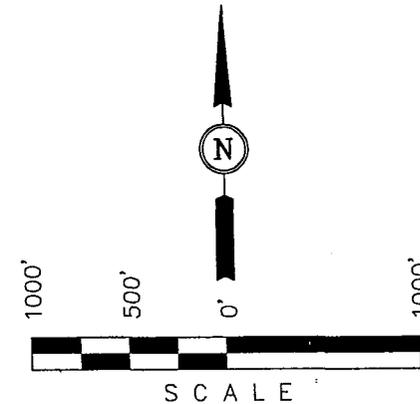
Well location, NBU #921-20M, located as shown in the SW 1/4 SW 1/4 of Section 20, T9S, R21E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

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

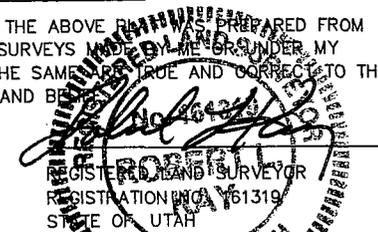
BASIS OF BEARINGS

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



CERTIFICATE

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



UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 03-28-07	DATE DRAWN: 04-10-07
PARTY D.S. M.B. P.M.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE Kerr-McGee Oil & Gas Onshore LP	

**NBU 921-20M
SW/SW Sec. 20, T9S, R21E
UINTAH COUNTY, UTAH
UTU-0575**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	1635'
Top of Birds Nest Water	1906'
Mahogany	2299'
Wasatch	4993'
Mesaverde	7990'
MVU2	8983'
MVL1	9531'
TD	10180'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1635'
	Top of Birds Nest Water	1906'
	Mahogany	2299'
	Wasatch	4993'
Gas	Mesaverde	7990'
Gas	MVU2	8983'
Gas	MVL1	9531'
Gas	N/A	
Water	N/A	
Other Minerals	N/A	

3. Pressure Control Equipment (Schematic Attached)

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

4. Proposed Casing & Cementing Program:

Please see the Natural Buttes Unit SOP.

5. Drilling Fluids Program:

Please see the Natural Buttes Unit SOP.

6. Evaluation Program:

Please see the Natural Buttes Unit SOP.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 10,180' TD, approximately equals 6312 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 4072 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

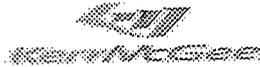
Drilling is planned to commence immediately upon approval of this application.

9. **Variances:**

Please see Natural Buttes Unit SOP.

10. **Other Information:**

Please see Natural Buttes Unit SOP.



KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

CASING PROGRAM

Case	Size	Depth	Weight	Grade	Type	Length	Volume	Weight
CONDUCTOR	14"	0-40'					2270	1370
SURFACE	9-5/8"	0 to 2100	32.30	H-40	STC	0.57	1390	3.59
	9-5/8"	2100 to 2500	36.00	J-55	STC	1.11	2020	564000
PRODUCTION	4-1/2"	0 to 10180	11.60	I-80	LTC	7780	1.73	7.98
							6350	201000
							1.94	1.02
								1.95

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point)-(0.22 psi/ft-partial evac gradient x TVD of next csg point)
 2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)
 (Burst Assumptions: TD = 11.8 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 4007 psi
 ***** Burst SF is low but csg is stronger than formation at 2500 feet
 ***** EMV @ 2500 for 2270# is 17.5 ppg or 0.9 psi/ft

CEMENT PROGRAM

Case	Length	Volume	Weight	Concentration	Volume	Weight	
SURFACE Option 1	LEAD 500		215	Premium cmt + 2% CaCl + 25 pps flocele	60%	15.60	
	TOP OUT CMT (1) 250		100	20 gals sodium silicate + Premium cmt + 2% CaCl + 25 pps flocele		15.60	
	TOP OUT CMT (2) as required		as req	Premium cmt + 2% CaCl		15.60	
SURFACE Option 2	NOTE: If well will circulate water to surface, option 2 will be utilized						
	LEAD 2000		230	Prem cmt + 16% Gel + 10 pps gilsonite + 25 pps Flocele + 3% salt BWOC	35%	11.00	
	TAIL 500		180	Premium cmt + 2% CaCl + 25 pps flocele	35%	15.60	
	TOP OUT CMT as required		as req	Premium cmt + 2% CaCl		15.60	
PRODUCTION	LEAD 4,490'		490	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	60%	11.00	
	TAIL 5,690'		1590	50/50 Poz/G + 10% salt + 2% gel + 1% R-3	60%	14.30	

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

FLOAT EQUIPMENT & CENTRALIZERS

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

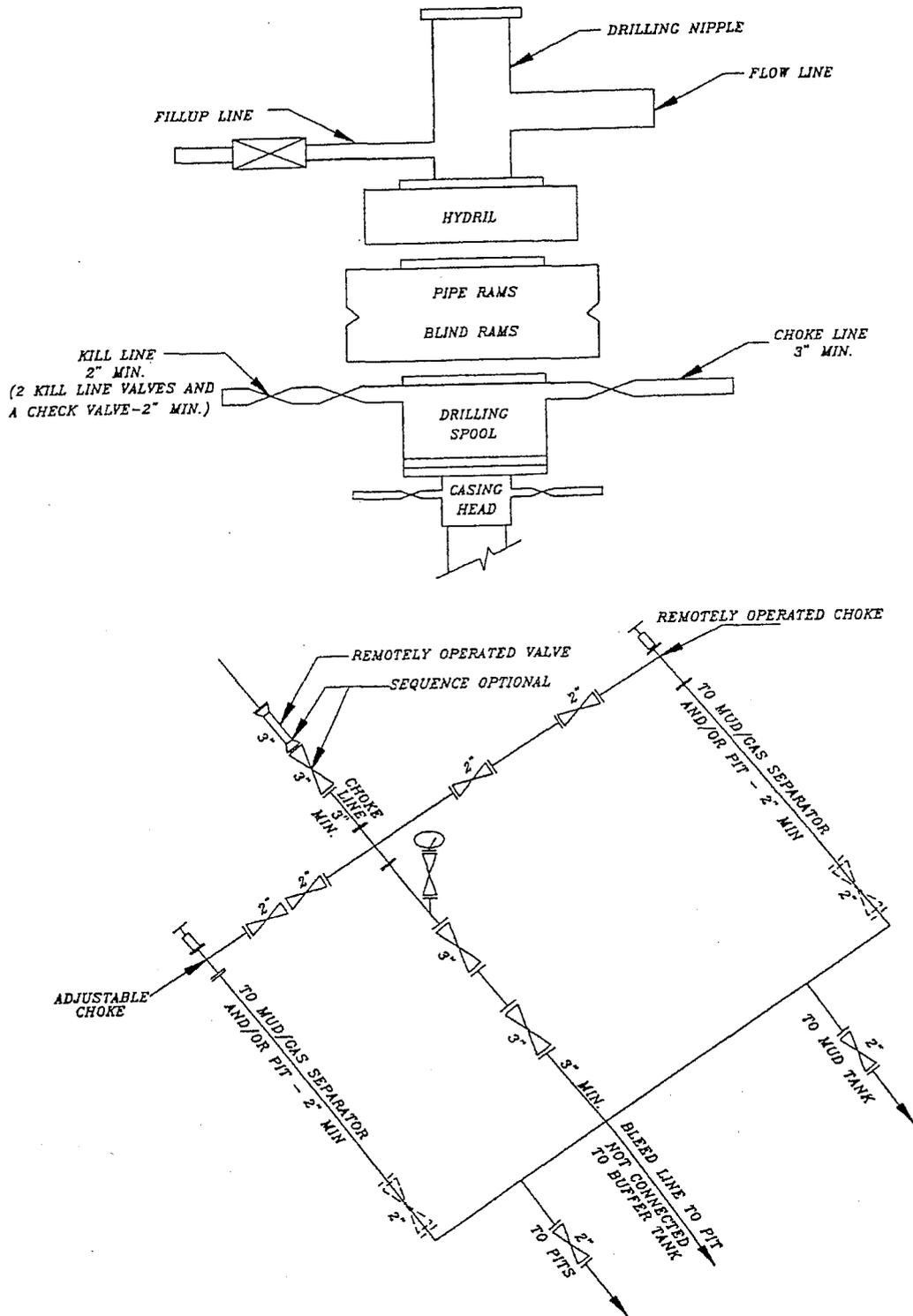
ADDITIONAL INFORMATION

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

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

DATE: _____
 DATE: _____

5M BOP STACK and CHOKE MANIFOLD SYSTEM



NBU 921-20M
SW/SW SEC. 20, T9S, R21E
UINTAH COUNTY, UTAH
UTU-0575

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. **Existing Roads:**

Refer to the attached location directions.

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

2. **Planned Access Roads:**

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

Approximately 120' +/- of new access road. Please refer to the attached Topo Map B.

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

Please refer to Topo Map C.

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

Please see the Natural Buttes Unit SOP.

Approximately 66' +/- of 4" pipeline is proposed from the location to an existing 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 Brown (2.5Y 6/2), a non-reflective earthtone.

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

Please see the Natural Buttes SOP.

6. **Source of Construction Materials:**

Please see the Natural Buttes SOP.

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

Please see the Natural Buttes SOP.

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

8. **Ancillary Facilities:**

Please see the Natural Buttes SOP.

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

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

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

Culverts will be installed where needed.

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

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 SOP.

11. **Surface Ownership:**

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

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

12. **Other Information:**

A Class III Archaeological Survey Report has been conducted for this location and submitted to the Ute Indian Tribe prior to the on-site inspection.

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 boundaries of the unit.

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

Sheila Uphego
Senior Land Admin Specialist
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435) 781-7024

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

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

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

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

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Bureau of Indian Affairs Nationwide Bond #RLB0005239, Bureau of Land Management Nationwide Bond #WYB000291 and State of Utah Bond #RLB0005237.

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 Uphego

5/31/2007
Date

Kerr-McGee Oil & Gas Onshore LP
NBU #921-20M
SECTION 20, T9S, R21E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 6.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN EASTERLY DIRECTION APPROXIMATELY 5.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 1.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN RIGHT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 120' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 44.9 MILES.

Kerr-McGee Oil & Gas Onshore LP

NBU #921-20M

LOCATED IN UINTAH COUNTY, UTAH
SECTION 20, T9S, R21E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

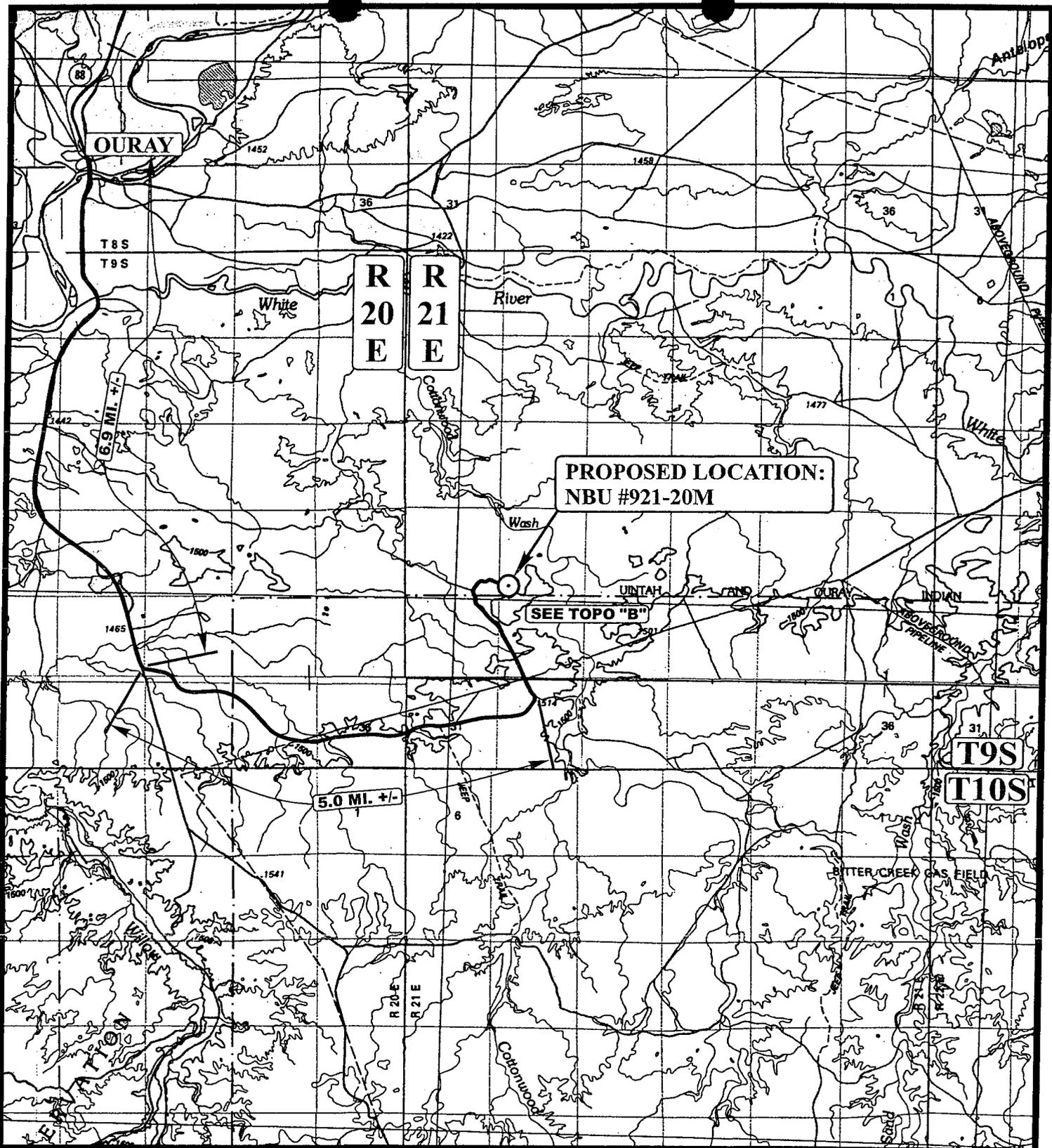
CAMERA ANGLE: SOUTHEASTERLY



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

- Since 1964 -

LOCATION PHOTOS	04	09	07	PHOTO
TAKEN BY: D.S.	MONTH	DAY	YEAR	
DRAWN BY: C.P.	REVISED: 00-00-00			



LEGEND:

⊙ PROPOSED LOCATION

N



Kerr-McGee Oil & Gas Onshore LP

NBU #921-20M

SECTION 20, T9S, R21E, S.L.B.&M.

568' FSL 586' FWL



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

TOPOGRAPHIC
 MAP

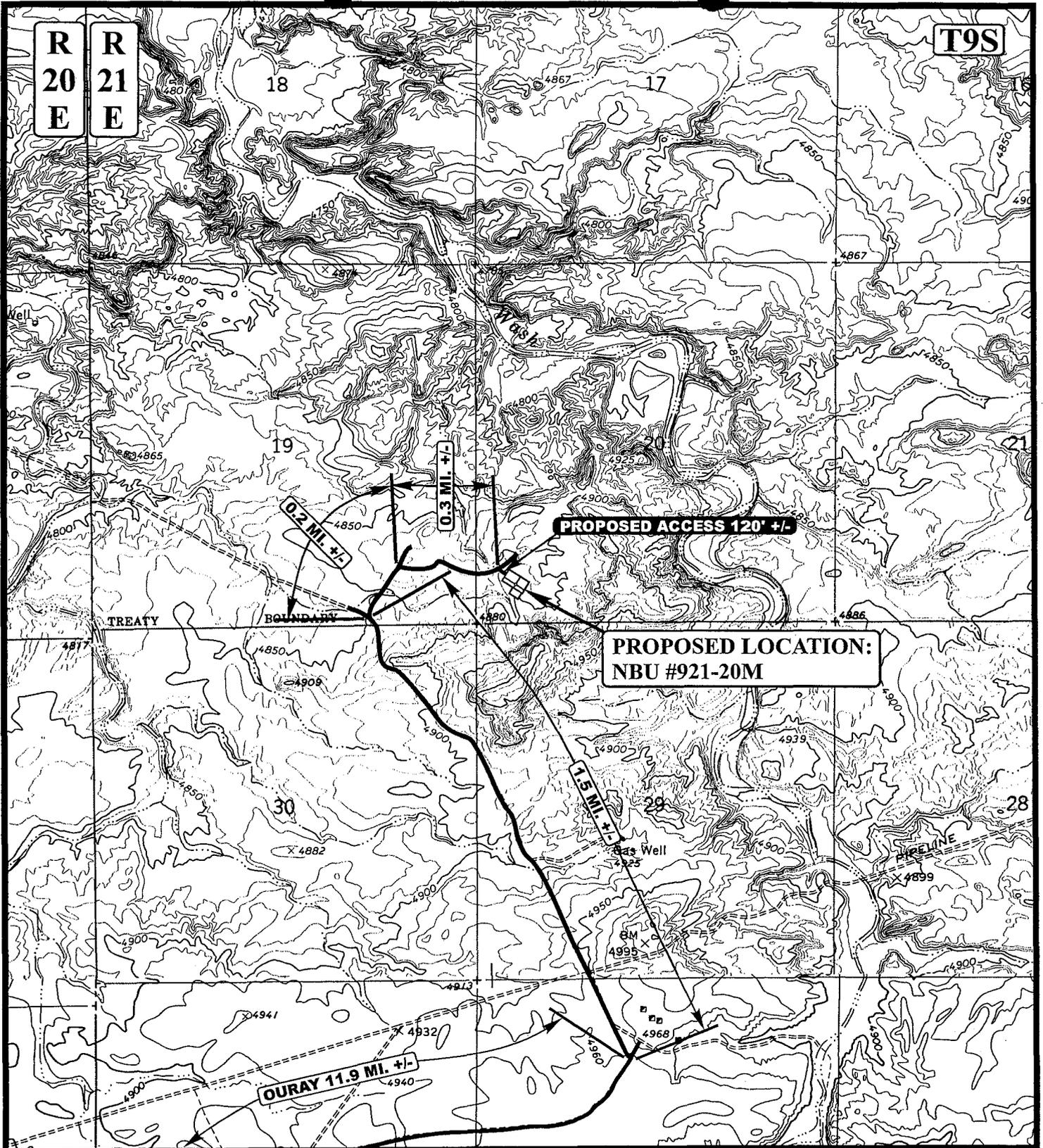
04	09	07
MONTH	DAY	YEAR

SCALE: 1:100,000

DRAWN BY: C.P.

REVISED: 00-00-00





LEGEND:

- EXISTING ROAD
- - - - - PROPOSED ACCESS ROAD



Kerr-McGee Oil & Gas Onshore LP

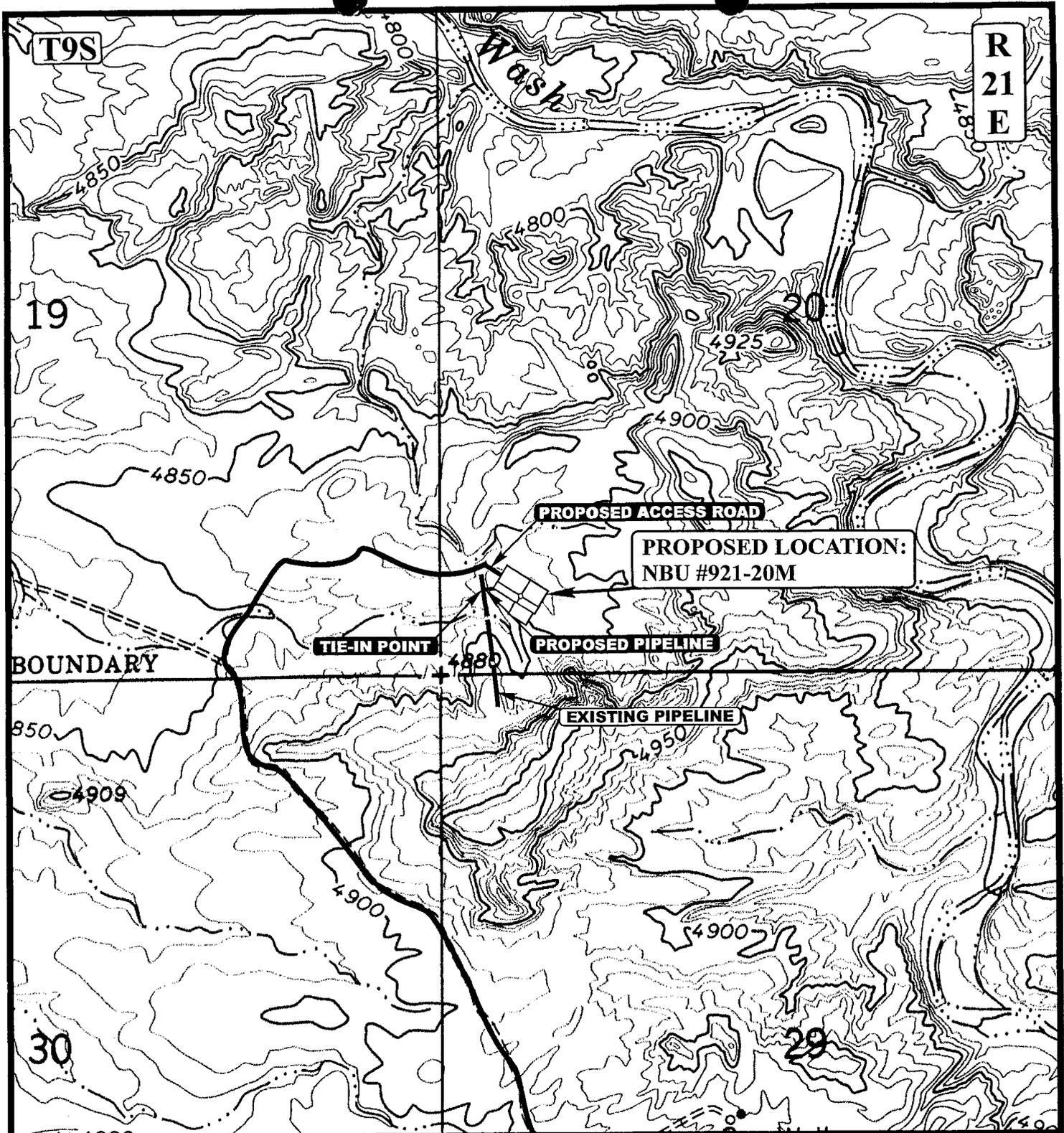
NBU #921-20M
 SECTION 20, T9S, R21E, S.L.B.&M.
 568' FSL 586' FWL



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

TOPOGRAPHIC MAP
 04 09 07
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 66' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE



Kerr-McGee Oil & Gas Onshore LP

NBU #921-20M

SECTION 20, T9S, R21E, S.L.B.&M.

568' FSL 586' FWL



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

TOPOGRAPHIC MAP

04	09	07
MONTH	DAY	YEAR

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



Kerr-McGee Oil & Gas Onshore LP

NBU #921-20M
PIPELINE ALIGNMENT
LOCATED IN UTAH COUNTY, UTAH
SECTION 20, T9S, R21E, S.L.B.&M.



PHOTO: VIEW FROM TIE-IN POINT

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW OF PIPELINE ALIGNMENT

CAMERA ANGLE: SOUTHWESTERLY



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

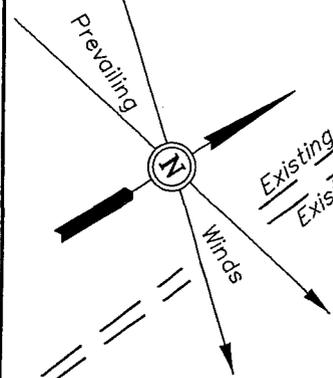
- Since 1964 -

PIPELINE PHOTOS	04	09	07	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: D.S.	DRAWN BY: C.P.		REVISED: 00-00-00	

Kerr-McGee Oil & Gas Onshore LP

FIGURE #1

LOCATION LAYOUT FOR
 NBU #921-20M
 SECTION 20, T9S, R21E, S.L.B.&M.
 568' FSL 586' FWL

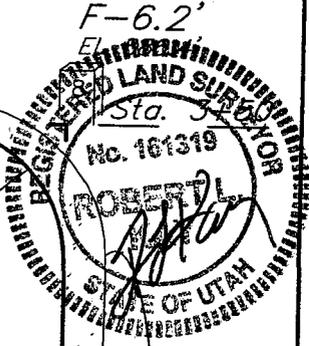


Existing Pipeline

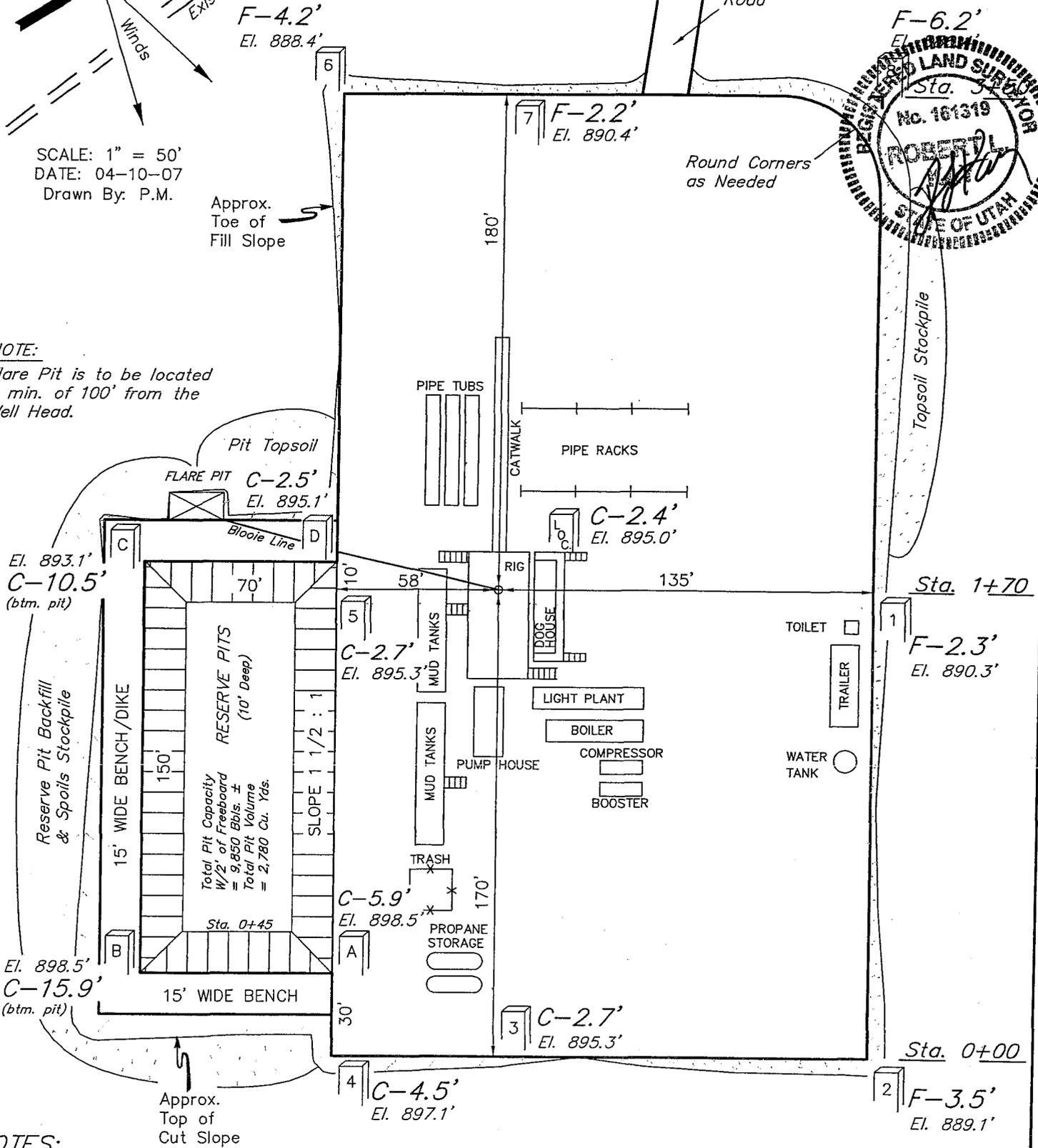
Proposed Access Road

SCALE: 1" = 50'
 DATE: 04-10-07
 Drawn By: P.M.

Approx. Toe of Fill Slope



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



NOTES:

Elev. Ungraded Ground At Loc. Stake = 4895.0'
 FINISHED GRADE ELEV. AT LOC. STAKE = 4892.6'

Kerr-McGee Oil & Gas Onshore LP

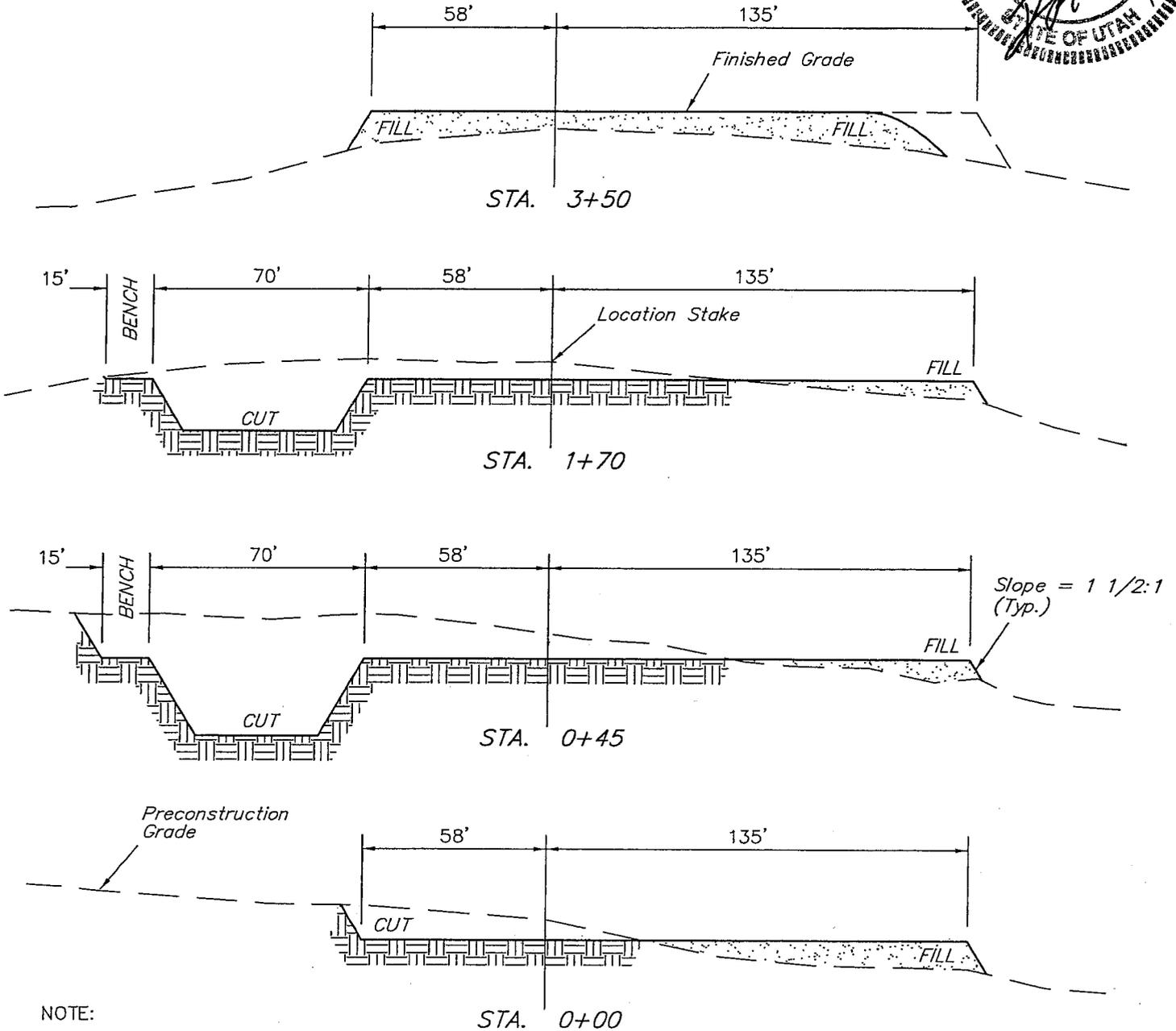
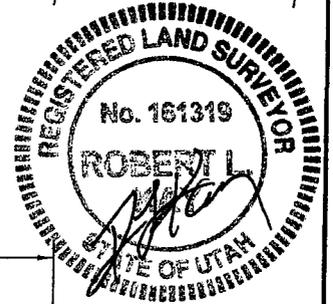
FIGURE #2

TYPICAL CROSS SECTIONS FOR

NBU #921-20M
SECTION 20, T9S, R21E, S.L.B.&M.
568' FSL 586' FWL

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

DATE: 04-10-07
Drawn By: P.M.



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

*** NOTE:**
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(12") Topsoil Stripping	= 3,420 Cu. Yds.
Remaining Location	= 6,150 Cu. Yds.
TOTAL CUT	= 9,570 CU.YDS.
FILL	= 4,760 CU.YDS.

EXCESS MATERIAL	= 4,810 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 4,810 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 0 Cu. Yds.

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

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 06/11/2007

API NO. ASSIGNED: 43-047-39365

WELL NAME: NBU 921-20M
 OPERATOR: KERR-MCGEE OIL & GAS (N2995)
 CONTACT: SHEILA UPCHEGO

PHONE NUMBER: 435-781-7024

PROPOSED LOCATION:

SWSW 20 090S 210E
 SURFACE: 0568 FSL 0586 FWL
 BOTTOM: 0568 FSL 0586 FWL
 COUNTY: UINTAH
 LATITUDE: 40.01580 LONGITUDE: -109.5821
 UTM SURF EASTINGS: 621012 NORTHINGS: 4430263
 FIELD NAME: NATURAL BUTTES (630)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-0575
 SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: WSMVD
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. RLB0005239)
- N Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-8496)
- N RDCC Review (Y/N)
(Date: _____)
- N/A Fee Surf Agreement (Y/N)
- N/A Intent to Commingle (Y/N)

LOCATION AND SITING:

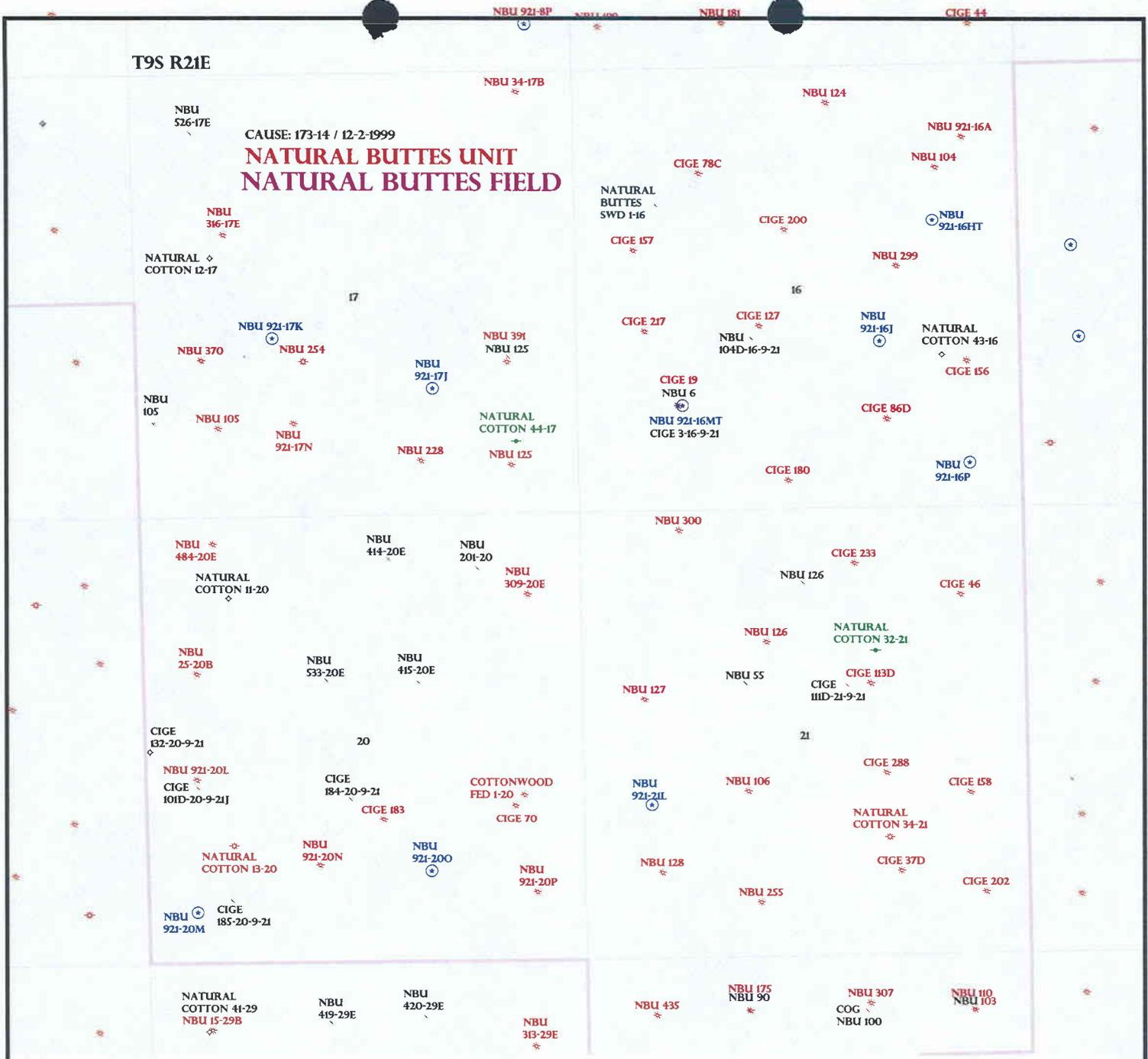
- ___ R649-2-3.
- Unit: NATURAL BUTTES
- ___ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- ___ R649-3-3. Exception
- Drilling Unit
Board Cause No: 173-14
Eff Date: 12-2-99
Siting: 460' fr U.S. Bldg. & Uncomm. Tract
- ___ R649-3-11. Directional Drill

COMMENTS:

Sep, Separate file

STIPULATIONS:

1- Federal Approval
2- OIL SHALE



OPERATOR: KERR MCGEE O&G (N9550)

SEC: 16,17,20 T.9S R. 21E

FIELD: NATURAL BUTTES (630)

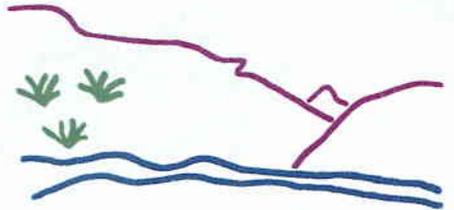
COUNTY: UINTAH

CAUSE: 173-14 / 12-2-1999

Field Status	
	ABANDONED
	ACTIVE
	COMBINED
	INACTIVE
	PROPOSED
	STORAGE
	TERMINATED

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

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



Utah Oil Gas and Mining



PREPARED BY: DIANA MASON
DATE: 14-JUNE-2007

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

June 18, 2007

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2007 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 2007 within the Natural Buttes Unit, Uintah County, Utah.

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

(Proposed PZ Wasatch/MesaVerde)

- 43-047-39375 NBU 1021-05MT Sec 05 T10S R21E 0745 FSL 0529 FWL
- 43-047-39376 NBU 1021-11I Sec 11 T10S R21E 2387 FSL 1247 FEL
- 43-047-39377 NBU 1021-11O Sec 11 T10S R21E 1192 FSL 2437 FEL
- 43-047-39378 NBU 1021-11N Sec 11 T10S R21E 1258 FSL 1861 FWL
- 43-047-39379 NBU 1021-11P Sec 11 T10S R21E 0232 FSL 1170 FEL
- 43-047-39380 NBU 1021-11M Sec 11 T10S R21E 0425 FSL 1318 FWL
- 43-047-39381 NBU 1021-11J Sec 11 T10S R21E 2252 FSL 2402 FEL
- 43-047-39383 NBU 1021-12A Sec 12 T10S R21E 0835 FNL 0781 FEL
- 43-047-39382 NBU 1021-12M Sec 12 T10S R21E 1022 FSL 0329 FWL
- 43-047-39384 NBU 1021-12N Sec 12 T10S R21E 0677 FSL 2302 FWL
- 43-047-39385 NBU 1021-12K Sec 12 T10S R21E 1532 FSL 1952 FWL
- 43-047-39386 NBU 1021-12L Sec 12 T10S R21E 1580 FSL 0196 FWL
- 43-047-39360 NBU 921-16J Sec 16 T09S R21E 1994 FSL 1660 FEL
- 43-047-39361 NBU 921-16HT Sec 16 T09S R21E 1858 FNL 1013 FEL
- 43-047-39362 NBU 921-16MT Sec 16 T09S R21E 1261 FSL 1248 FWL
- 43-047-39363 NBU 921-17K Sec 17 T09S R21E 2147 FSL 1635 FWL
- 43-047-39364 NBU 921-17J Sec 17 T09S R21E 1508 FSL 1748 FEL
- 43-047-39365 NBU 921-20M Sec 20 T09S R21E 0568 FSL 0586 FWL
- 43-047-39366 NBU 921-20O Sec 20 T09S R21E 1026 FSL 1859 FEL
- 43-047-39367 NBU 921-23C Sec 23 T09S R21E 0817 FNL 1945 FWL
- 43-047-39368 NBU 921-25NT Sec 25 T09S R21E 1150 FSL 2607 FWL
- 43-047-39369 NBU 922-18O Sec 18 T09S R22E 1255 FSL 2083 FEL

Page 2

43-047-39370 NBU 922-18I Sec 18 T09S R22E 1600 FSL 0901 FEL
43-047-39371 NBU 922-18G Sec 18 T09S R22E 2009 FNL 1936 FEL
43-047-39372 NBU 922-20E Sec 20 T09S R22E 2182 FNL 0452 FWL
43-047-39387 NBU 1022-6B-2 Sec 06 T10S R22E 0160 FNL 2289 FEL
43-047-39389 NBU 1022-24B Sec 24 T10S R22E 1035 FNL 1619 FEL
43-047-39374 NBU 1020-24BT Sec 24 T10S R20E 0914 FNL 1966 FEL
43-047-39373 NBU 1020-01KT Sec 01 T10S R20E 1731 FSL 1834 FWL

Our records indicate the NBU 1022-24B is closer than 460 feet from the Natural Buttes Unit boundary.

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

/s/ Michael L. Coulthard

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

MCoulthard:mc:6-18-07



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

June 19, 2007

Kerr-McGee Oil & Gas
1368 S 1200 East
Vernal, UT 84078

Re: Natural Buttes 921-20M Well, 568' FSL, 586' FWL, SW SW, Sec. 20, T. 9 South,
R. 21 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 43-047-39365.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

Operator: Kerr-McGee Oil & Gas
Well Name & Number Natural Buttes 921-20M
API Number: 43-047-39365
Lease: UTU-0575

Location: SW SW **Sec.** 20 **T.** 9 South **R.** 21 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 with 24 hours of spudding the well.

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

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

- Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

3. Reporting Requirements

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

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

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

RECEIVED
VERNAL FIELD OFFICE
2007 JUN -5 PM 2:49

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: DRILL REENTER

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

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 (Report location clearly and in accordance with any State requirements. *)
At surface **SW/SW 568'FSL, 586'FWL**
At proposed prod. Zone

14. Distance in miles and direction from nearest town or post office*
13.9 +/- MILES FROM OURAY, UTAH

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) **568'**

16. No. of Acres in lease
1600.00

17. Spacing Unit dedicated to this well
40.00

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

19. Proposed Depth
10,180'

20. BLM/BIA Bond No. on file
RLB0005239

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
4893'

22. Approximate date work will start*
UPON APPROVAL

23. Estimated duration
TO BE DETERMINED

5. Lease Serial No.
UTU-0575

6. If Indian, Allottee or Tribe Name
TRIBAL SURFACE

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

8. Lease Name and Well No.
NBU 921-20M

9. API Well No.
43 047 39365-

10. Field and Pool, or Exploratory
NATURAL BUTTES

11. Sec., T., R., M., or Blk, and Survey or Area
SEC. 20, T9S, R21E

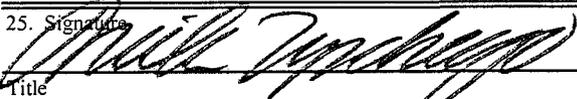
12. County or Parish
UINTAH

13. State
UTAH

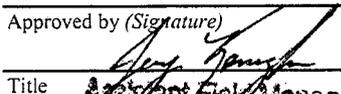
24. Attachments

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

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

25. Signature  Name (Printed/Typed) **SHEILA UPCHEGO** Date **5/31/2007**

Title **SENIOR LAND ADMIN SPECIALIST**

Approved by (Signature)  Name (Printed/Typed) **JERRY HENICKA** Date **3-7-2008**

Title **Assistant Field Manager** Office **VERNAL FIELD OFFICE**
Lands & Mineral Resources

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

Conditions of approval, if any, are attached.

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

*(Instructions on reverse)

RECEIVED

MAR 17 2008

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

No NOS
07MUC0023A

WOOD GM

Posted 6/12/07

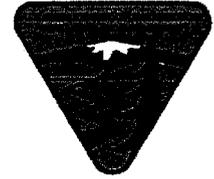


UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

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:	SWSW, Sec. 20, T9S, R21E
Well No:	NBU 921-20M	Lease No:	UTU-0575
API No:	43-047- 37764	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
Geologist:	Robin Hansen	(435) 781-2777	
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory NRS/Enviro Scientist	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
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)

Additional Stipulations:

- 1) Paint tanks Carlsbad tan
- 2) Gravel to stabilize rig

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 should be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- All personnel should 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 should 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.

- 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.

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

SITE SPECIFIC DOWNHOLE COAs:

- Production casing cement shall be brought up and into the surface casing. Production casing minimum cement top is 1500 ft. The minimum cement top is approximately 800 ft above the surface casing shoe.
- Cmmt Top (TOC) standard will place cmnt behind casing across formation lost circulation zone, Birds Nest Zone.
- COA specification fulfills operators performance standard stated in APD (where operators toc is calc'd with an excess to reach surface).

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 (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

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

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

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

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

Well Name: NBU 921-20M

API No: 43-047-39365 Lease Type: Federal/Indian

Section 20 Township 09S Range 21E County Uintah

Drilling Contractor Pete Martin Rig # Bucket

SPUDDED:

Date 5-06-08

Time 10:00 AM

How Dry

Drilling will Commence: _____

Reported by Lou Weldon

Telephone # 435-828-7035

Date 5-07-08 Signed RM

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

FORM 6

ENTITY ACTION FORM

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

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304738310	BONANZA 1023-11J		NWSE	11	10S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<i>A</i>	99999	<i>16839</i>	5/7/2008			<i>5/08/08</i>	
Comments: MIRU PETE MARTIN BUCKET RIG. <i>WSTMVD</i> SPUD WELL LOCATION ON 05/07/2008 AT 1030 HRS.							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304739365	NBU 921-20M		SWSW	20	9S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<i>B</i>	99999	<i>2900</i>	5/6/2008			<i>5/08/08</i>	
Comments: MIRU PETE MARTIN BUCKET RIG. <i>WSTMVD</i> SPUD WELL LOCATION ON 05/06/2008 AT 1000 HRS.							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304739363	NBU 921-17K		NESW	17	9S,	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<i>B</i>	99999	<i>2900</i>	5/5/2008			<i>5/08/08</i>	
Comments: MIRU PETE MARTIN BUCKET RIG. <i>WSTMVD</i> SPUD WELL LOCATION ON 05/05/2008 AT 2200 HRS.							

ACTION CODES:

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

SHEILA UPCHEGO

Name (Please Print)

Sheila Upchego

Signature

SENIOR LAND SPECIALIST 5/7/2008

Title

Date

RECEIVED

MAY 08 2008

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-0575

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 921-20M

9. API Well No.
4304739365

10. Field and Pool, or Exploratory Area
NATURAL BUTTES

11. County or Parish, State
UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

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

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SW/SW SEC. 20, T9S, R21E 568'FSL, 586'FWL

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

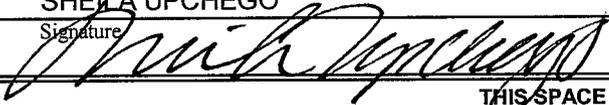
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/>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

13. Describe Proposed or Completed 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.

MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 36.7# SCHEDULE 10 PIPE. CMT W/28 SX READY MIX.

SPUD WELL LOCATION ON 05/06/2008 AT 1000 HRS.

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

Name (Printed/Typed) SHEILA UPCHEGO	Title SENIOR LAND ADMIN SPECIALIST
Signature 	Date May 7, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	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
MAY 14 2008
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or 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)

SW/SW SEC. 20, T9S, R21E 568'FSL, 586'FWL

5. Lease Serial No.

UTU-0575

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 921-20M

9. API Well No.

4304739365

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

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 checked="" type="checkbox"/> Other SET SURFACE
	<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 type="checkbox"/> CSG

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.

MIRU PROPETRO AIR RIG ON 05/09/2008. DRILLED 12 1/4" SURFACE HOLE TO 2435'. RAN 9 5/8" 36# J-55 SURFACE CSG. LEAD CMT W/230 SX HIFILL CLASS G @11.0 PPG 3.82 YIELD. TAILED CMT W/ 200 SX PREM CLASS G @15.8 PPG 1.15 YIELD. GOOD RETURNS TO PIT 35 +/- BBLS LEAD CMT TO PIT. RAN 200' OF 1" PIPE. CMT W/125 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN 1" PIPE. GOOD CMT TO SURFACE AND FELL BACK. TOP OUT W/100 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE GOOD CMT TO SURFACE HOLE STAYED FULL. WORT.

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

Name (Printed/Typed)

SHEILA UPCHEGO

Title

SENIOR LAND ADMIN SPECIALIST

Signature



Date

May 13, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

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

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

MAY 19 2008

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.

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)
SW/SW SEC. 20, T9S, R21E 568'FSL, 586'FWL

5. Lease Serial No.
UTU-0575

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 921-20M

9. API Well No.
4304739365

10. Field and Pool, or Exploratory Area
NATURAL BUTTES

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

13. Describe Proposed or Completed 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 recompleate 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 recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

FINISHED DRILLING FROM 2435' TO 10,140' ON 07/01/2008. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/580 SX PREM LITE II @11.9 PPG 2.38 YIELD. TAILED CMT W/1240 SX 50/50 POZ @ 14.3 PPG 1.31 YIELD. SHUT DOWN DROP TOP PLUG LOST RETURNS STOPPED DISPLACEMENT W/145 BBLS GONE 10 BBLS SHORT OF PIPE DISPLACEMENT PRESSURE @4600 PSI RELEASE PRESSURE FLOATS HELD W/2 BBLS BACK APPROX 700' CMT LEFT IN PIPE. LAND CSG W/700' TEST SEALS TO 5000# LD SETTING TOOLS ND BOPE CLEAN PITS. RELEASED PIONEER RIG 41 ON 07/02/2008 AT MIDNIGHT.

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

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

Name (Printed/Typed) **SHEILA UPCHEGO** Title **SENIOR LAND ADMIN SPECIALIST**
Signature *[Handwritten Signature]* Date **July 8, 2008**

THIS SPACE FOR FEDERAL OR STATE USE

Approved by _____ Title _____ Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. 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
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)
SW/SW SEC. 20, T9S, R21E 568'FSL, 586'FWL

5. Lease Serial No.
UTU-0575

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 921-20M

9. API Well No.
4304739365

10. Field and Pool, or Exploratory Area
NATURAL BUTTES

11. County or Parish, State
UINTAH COUNTY, UTAH

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

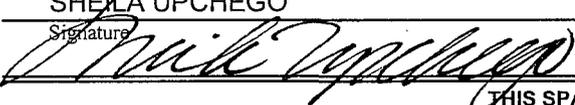
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture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

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

THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 08/18/2008 AT 9:00 AM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

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

Name (Printed/Typed) SHEILA UPCHEGO	Title REGULATORY ANALYST
Signature 	Date August 18, 2008

THIS SPACE FOR FEDERAL OR STATE USE

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

AUG 20 2008

DIV. OF OIL, GAS & MINING

Wins No.: 94967

NBU 921-20M

Well Operations Summary Long

Operator KERR MCGEE OIL & GAS ONSHORE LP	FIELD NAME NATURAL BUTTES	SPUD DATE 05/06/2008	GL 4,893	KB 4911	ROUTE
API 4304739365	STATE UTAH	COUNTY UINTAH	DIVISION ROCKIES		
Long/Lat.: 40.01581 / -109.58290	Q-Q/Sect/Town/Range: SWSW / 20 / 9S / 21E	Footages: 568.00' FSL 586.00' FWL			

Wellbore: NBU 921-20M

MTD 4,911	TVD 4,911	PBMD	PBTVD
EVENT INFORMATION:		START DATE: 5/6/2008	AFE NO.: 2008183
EVENT ACTIVITY: DRILLING		END DATE: 7/2/2008	
OBJECTIVE: DEVELOPMENT		DATE WELL STARTED PROD.:	
OBJECTIVE 2: ORIGINAL		Event End Status:	
REASON:			

RIG OPERATIONS:	Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
PETE MARTIN DRILLING / UI	05/06/2008	05/06/2008	05/06/2008	05/06/2008	05/06/2008	05/06/2008	05/06/2008

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
5/6/2008	SUPERVISOR: LEW WELDON 10:00 - 16:00	6.00	DRLCON	02		P	MOVE IN AND RIG UP BUCKET RIG SPUD WELL @ 1000 HR 5/6/08 DRILL AND SET 40' OF SCHEDULE 10 PIPE DRILL RODENT HOLES FOR RIG 41 BLM AND STATE NOTFIED OF SPUD
5/9/2008	SUPERVISOR: LEW WELDON 16:00 - 0:00	8.00	DRLSUR	02		P	MOVE IN AND RIG UP AIR RIG SPUD WELL @ 1600 HR 5/9/08 DA AT REPORT TIME 660'
5/10/2008	SUPERVISOR: LEW WELDON 0:00 - 12:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD NO WATER 1170'
	12:00 - 0:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD NO WATER 1680'
5/11/2008	SUPERVISOR: LEW WELDON 0:00 - 12:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD NO WATER 2110'
	12:00 - 0:00	12.00	DRLSUR	02		P	RIG T/D @ 2435' CONDITION HOLE 1 HR
5/12/2008	SUPERVISOR: LEW WELDON 0:00 - 6:00	6.00	DRLSUR	05		P	TRIP DP OUT OF HOLE
	6:00 - 11:30	5.50	DRLSUR	11		P	RUN 2499' OF 9 5/8 CSG AND 200' OF 1" PIPE RIG DOWN AIR RIG
	11:30 - 12:30	1.00	DRLSUR	15		P	CEMENT 1ST STAGE WITH 230 SKS OF LEAD @ 11# 3.82 23 GAL/SK AND 200 SKS TAIL @ 15.8# 1.15 5.0 GAL/SK GOOD RETURNS TO PIT + - 35 BBL LEAD CMT TO PIT

Wins No.: 94967

NBU 921-20M

API No.: 4304739365

	12:30 - 13:00	0.50	DRLSUR	15		P	1ST TOP JOB 125 SKS DOWN 1" PIPE GOOD CMT TO SURFACE AND FELL BACK WOC
	13:00 - 14:30	1.50	DRLSUR	15		P	2ND TOP JOB 100 SKS DOWN BS GOOD CMT TO SURFACE AND STAYED AT SURFACE
	14:30 - 14:30	0.00	DRLSUR				NO VISIBLE LEAKS PIT 1/4 FULL WORT
6/15/2008	<u>SUPERVISOR:</u> RON SJOSTROM						MD: 2,539
	18:00 - 0:00	6.00	DRLPRO	01	E	P	RIGGING DOWN FOR MOVE TO NBU 921-20M:30 MAN HOURS, 3 BED TRUCKS, 2 HAUL TRUCKS, 2 FORKLIFTS, 5% MOVED, 25% RIGGED DOWN
6/16/2008	<u>SUPERVISOR:</u> RON SJOSTROM						MD: 2,539
	0:00 - 19:00	19.00	DRLPRO	01	E	P	RIG DOWN, DERRICK DOWN .730 HRS, REMOVE DERRICK FROM FLOOR, SPLIT SUB, MOVE MATS & EQUIPMENT TO NEW LOCATION, SET IN MATS, SUB, PIN SUB, SET DRAWWORKS, SET DERRICK ON FLOOR, SET CROWN ON STAND, SET IN PITS, PUMPS, KOOMEY, WATER TANKS, CHANGE HOUSE, CHOKE MANIFOLD, GAS BUSTER==6 BED TRUCKS, 4 HAUL TRUCKS, 2 FORKLIFTS-ARR 0700, 1 CRANEARR 0800, ALL TRUCKS, CRANE, FORKLIFTS RELEASED 1900==170 MAN HOURS TODAY, 200 FOR MOVE TOTAL
	19:00 - 0:00	5.00	DRLPRO	12	D	P	SHUT DOWN FOR NIGHT
6/17/2008	<u>SUPERVISOR:</u> RON SJOSTROM						MD: 2,539
	0:00 - 6:00	6.00	DRLPRO	12	D	P	WAIT ON DAYLIGHT, SHUT DOWN FOR THE NIGHT
	6:00 - 13:00	7.00	DRLPRO	01	B	P	RIGGING UP, RAISE DERRICK @ 1130, RIG UP AIR/WATER, ELECTRIC LINES, RUN FLARE & CHOKE LINES 70 MAN HOURS FOR MOVE, 270 HOURS TOTAL
	13:00 - 0:00	11.00	DRLPRO	07	B	P	SCHEDULED MAINTENANCE--REPLACE HYDROMATIC, BRAKE PADS, CHAINS ON RIG EQUIPMENT
6/18/2008	<u>SUPERVISOR:</u> RON SJOSTROM						MD: 2,558
	0:00 - 6:00	6.00	DRLPRO	07	A	P	SCHEDULED MAINTENANCE-CHANGE BRAKE PADS, DRAWWORKS CHAINS, ROTARY TABLE GUARD BOOT
	6:00 - 9:00	3.00	DRLPRO	13	A	P	NIPPLE UP BOP'S
	9:00 - 15:00	6.00	DRLPRO	13	C	P	TEST BOP'S, KELLY, CHOKE MANIFOLD, KILL & CHOKE LINE, CHOKE MANIFOLD-ALL OK
	15:00 - 20:00	5.00	DRLPRO	05	A	P	SM & R/U PICKUP MACHINE, PICKUP BHA & DRILL PIPE RUN IN HOLE, TAG CEMENT @ 2411
	20:00 - 22:00	2.00	DRLPRO	05	A	P	R/D PICKUP MACHINE, R/U ROTATING HEAD RUBBER & DRIVE, ALIGN STACK & FLOWLINE

Wins No.: 94967

NBU 921-20M

API No.: 4304739365

20:00 - 22:00	2.00	DRLPRO	05	A	P	R/D PICKUP MACHINE, R/U ROTATING HEAD RUBBER & DRIVE, ALIGN STACK & FLOWLINE
22:00 - 0:00	2.00	DRLPRO	02	F	P	DRILL CEMENT, FE, CEMENT TO 2558

MD: 3,945

6/19/2008

SUPERVISOR: RON SJOSTROM

0:00 - 0:30	0.50	DRLPRO	09	A	P	WIRELINE SURVEY @ 2479 = 0.58 DEG
0:30 - 7:00	6.50	DRLPRO	02	B	P	SPUD IN AND DRILL ACTUAL 2558-3028 = 470' = 72.3 FPH, MW 8.5 / 28
7:00 - 7:30	0.50	DRLPRO	09	A	P	WIRELINE SURVEY @ 2953 = 1.24
7:30 - 11:00	3.50	DRLPRO	02	B	P	DRILLING 3028-3281 = 253' = 72.2 FPH, MW 8.5 / 29
11:00 - 11:30	0.50	DRLPRO	06	A	P	RIG SERVICE
11:30 - 15:30	4.00	DRLPRO	02	B	P	DRILLING 3281-3534 = 253' = 63.3 FPH, MW 8.5 / 29
15:30 - 16:00	0.50	DRLPRO	09	A	P	WIRELINE SURVEY @ 3459 = 1.5 DEG
16:00 - 0:00	8.00	DRLPRO	02	B	P	DRILLING 3534-3945 = 411' = 51.4 FPH, MW 8.7 / 31

MD: 5,020

6/20/2008

SUPERVISOR: RON SJOSTROM

0:00 - 1:00	1.00	DRLPRO	02	B	P	DRILLING 3945-4008 = 63', MW 8.7 / 31
1:00 - 1:30	0.50	DRLPRO	09	A	P	WL SURVEY @ 3933 = 1.67
1:30 - 11:00	9.50	DRLPRO	02	B	P	DRILLING 4008-4547 = 539' = 56.7 FPH, MW 8.8 / 34
11:00 - 11:30	0.50	DRLPRO	09	A	P	WIRELINE SURVEY @ 4472 = 1.96
11:30 - 13:30	2.00	DRLPRO	02	B	P	DRILLING 4547-4642 = 95' = 47.6 FPH, MW 8.9 / 35
13:30 - 14:00	0.50	DRLPRO	06	A	P	SERVICE RIG
14:00 - 0:00	10.00	DRLPRO	02	B	P	DRILLING 4642-5020 = 378'=37.8' FPH, MW 9.2 / 38

MD: 6,073

6/21/2008

SUPERVISOR: RON SJOSTROM

0:00 - 2:00	2.00	DRLPRO	02	B	P	DRILLING 5020-5117, 97' = 48.5 FPH, MW 9.2 / 38
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Wins No.: 94967

NBU 921-20M

API No.: 4304739365

2:00 - 2:30	0.50	DRLPRO	09	A	P	WL SURVEY @ 5042 = 2.12
2:30 - 11:30	9.00	DRLPRO	02	B	P	DRILLING 5117-5591 = 474' = 52.7 FPH, MW 9.2 / 38
11:30 - 12:00	0.50	DRLPRO	09	A	P	WIRELINE SURVEY @ 5516 = 2.21 DEG
12:00 - 15:00	3.00	DRLPRO	02	B	P	DRILLING 5591-5749 = 158' = 52.7 FPH, MW 9.3 / 39
15:00 - 15:30	0.50	DRLPRO	06	A	P	RIG SERVICE
15:30 - 0:00	8.50	DRLPRO	02	B	P	DRILLING 5749-6073 = 324' = 38.1 FPH, MW 9.6 / 40

6/22/2008

SUPERVISOR: RON SJOSTROM

MD: 6,824

0:00 - 0:30	0.50	DRLPRO	02	B	P	DRILLING 6073-6097, MW 9.7 / 40
0:30 - 1:00	0.50	DRLPRO	09	A	P	WIRELINE SURVEY @ 6022 = 2.14 DEG
1:00 - 15:30	14.50	DRLPRO	02	B	P	DRILLING 6097-6602 = 505' = 34.8 FPH, MW 9.7
15:30 - 16:00	0.50	DRLPRO	06	A	P	RIG SERVICE
16:00 - 16:30	0.50	DRLPRO	09	A	P	WIRELINE SURVEY @ 6527 = 1.81 DEG
16:30 - 0:00	7.50	DRLPRO	02	B	P	DRILLING 6602-6824 = 222' = 29.6 FPH, MW 10.2 / 40

6/23/2008

SUPERVISOR: RON SJOSTROM

MD: 7,236

0:00 - 13:00	13.00	DRLPRO	02	B	P	DRILLING 6824-7109 = 285' = 21.9 FPH, MW 10.2 / 38
13:00 - 13:30	0.50	DRLPRO	06	A	P	RIG SERVICE
13:30 - 14:00	0.50	DRLPRO	09	A	P	WIRELINE SURVEY @ 7034 = 2.08 DEG
14:00 - 21:00	7.00	DRLPRO	02	B	P	DRILLING 7109-7236 = 127' = 17.1 FPH, MW 10.2 / 39
21:00 - 21:30	0.50	DRLPRO	04	C	P	PUMP SLUG
21:30 - 22:30	1.00	DRLPRO	05	A	P	POOH FOR BIT #2, CHANGE MUD MOTORS
22:30 - 23:30	1.00	DRLPRO	05	A	X	WORK THROUGH TIGHT HOLE SPOTS 4652-4592

Wins No.: 94967		NBU 921-20M				API No.: 4304739365	
22:30 - 23:30	1.00	DRLPRO	05	A	X	WORK THROUGH TIGHT HOLE SPOTS 4652-4592	
23:30 - 23:30	0.00	DRLPRO	05	A	P	POOH FOR BIT & MOTOR CHANGE	
6/24/2008	SUPERVISOR: RON SJOSTROM					MD: 7,522	
0:00 - 2:00	2.00	DRLPRO	05	A	P	TRIP OUT, L/D BIT #1 & MUD MOTOR	
2:00 - 4:30	2.50	DRLPRO	05	A	P	M/U BIT #2, MM #2, TRIP IN TO SHOE	
4:30 - 6:30	2.00	DRLPRO	06	C	P	FILL DRILL PIPE, CHANGE SWIVEL PACKING	
6:30 - 8:30	2.00	DRLPRO	05	A	P	TRIP IN WITH BIT #2	
8:30 - 9:00	0.50	DRLPRO	03	E	P	WASH & REAM 30 TO TD, NO FILL	
9:00 - 16:00	7.00	DRLPRO	02	B	P	DRILLING 7236-7395 = 159' = 22.7 FPH, MW 10.4 / 42	
16:00 - 16:30	0.50	DRLPRO	06	A	P	SERVICE RIG	
16:30 - 18:00	1.50	DRLPRO	02	B	P	DRILLING 7395-7427 = 32' = 21.3 FPH, MW 10.4 / 42	
18:00 - 18:30	0.50	DRLPRO	09	A	P	WIRELINE SURVEY @ 7352 = 2.42 DEG	
18:30 - 0:00	5.50	DRLPRO	02	B	P	DRILLING 7427-7522 = 95' = 17.3 FPH, MW 10.8, DRLG W/LIGHT WT DUE TO DEVIATION	
6/25/2008	SUPERVISOR: JIM MURRAY					MD: 7,950	
0:00 - 5:30	5.50	DRLPRO	02	B	P	DRILLING 7522-7596, 74' = 13.5 FPH, MW 10.8 / 42 DRLG W/LIGHT WEIGHT DUE TO ANGLE	
5:30 - 6:00	0.50	DRLPRO	09	A	P	WIRELINE SURVEY @ 7521 = 2.56 DEG	
6:00 - 15:30	9.50	DRLPRO	02	B	P	DRILLING 7596-7806=210'=22.1 FPH, MW 11.0 / 42	
15:30 - 16:00	0.50	DRLPRO	06	A	P	RIG SERVICE	
16:00 - 16:30	0.50	DRLPRO	09	A	P	WL SURVEY @ 7731 = 2.73 DEG	
16:30 - 0:00	7.50	DRLPRO	02	B	P	DRILLING 7806-7950=144=19.2 FPH, MW 11.0 / 42 DRLG W/ LIGHT BIT WT TO HELP CONTROL DEV	
6/26/2008	SUPERVISOR: JIM MURRAY					MD: 8,408	
0:00 - 8:00	8.00	DRLPRO	02	B	P	DRILLING 7950-8123=173=21.6 11.0 / 42	

Wins No.: 94967

NBU 921-20M

API No.: 4304739365

0:00 - 8:00	8.00	DRLPRO	02	B	P	DRILLING 7950-8123=173=21.6 11.0 / 42
8:00 - 9:00	1.00	DRLPRO	09	A	P	WL SURVEY @ 8048' 2.92 DEG
9:00 - 16:00	7.00	DRLPRO	02	B	P	DRILLING 8123-8281=158=22.5 11.2 / 42
16:00 - 16:30	0.50	DRLPRO	06	A	P	RIG SERVICE
16:30 - 19:30	3.00	DRLPRO	02	B	P	DRILLING 8281-8345=64=21.3 11.2 / 40
19:30 - 20:30	1.00	DRLPRO	07	A	S	REPLACE QUICK RELEASE ON LOW DRUM CLUTCH
20:30 - 21:30	1.00	DRLPRO	02	B	P	DRILLING 8345-8376=31
21:30 - 22:00	0.50	DRLPRO	09	A	P	SURVEY 8300' 3.68 DEG
22:00 - 0:00	2.00	DRLPRO	02	B	P	DRILLING 8376-8408=32=16 11.2 / 42

6/27/2008

SUPERVISOR: JIM MURRAY

MD: 8,483

0:00 - 3:30	3.50	DRLPRO	02	B	P	DRILLING 8408-8472=64=18.2
3:30 - 8:00	4.50	DRLPRO	07	A	S	RIG REPAIR,REPAIR AIR LEAKS TO LOW DRUM CLUTCH
8:00 - 12:00	4.00	DRLPRO	05	A	P	PUMP SLUG ,DROP SURVEY,TOH TIGHT SPOTS 4875,4200'
12:00 - 14:30	2.50	DRLPRO	05	A	P	X/O BITS,WORK BOPS,TIH TO CSG SHOE 2500'
14:30 - 15:30	1.00	DRLPRO	06	D	P	CUT & SLIP DRLG LINE
15:30 - 18:30	3.00	DRLPRO	05	A	P	TIH TO 4000' BREAK CIRC,CIH
18:30 - 19:00	0.50	DRLPRO	03	E	P	W & R 45' TO BTM 4' FILL
19:00 - 21:00	2.00	DRLPRO	02	B	P	DRILLING 8472 - 8483=11=5.5,11.3 / 42 NO DIFFERENTIAL,PRESS FROM MUD MTR
21:00 - 22:00	1.00	DRLPRO	04	C	S	CCH,MIX & PUMP SLUG
22:00 - 0:00	2.00	DRLPRO	05	I	S	TRIP F/ MUD MTR

Wins No.: 94967

NBU 921-20M

API No.: 4304739365

Date	Supervisor	MD
6/28/2008	JIM MURRAY	8,886
0:00 - 2:00	2.00 DRLPRO 05 I S	TRIP FOR MUD MTR
2:00 - 6:00	4.00 DRLPRO 05 I S	CHANGE OUT MUD MTR, MU BIT TIH, BREAK CIRC @ 4000', CIH, HOLE SLICK
6:00 - 7:00	1.00 DRLPRO 03 E P	W & R 60' TO BTM NO FILL
7:00 - 15:00	8.00 DRLPRO 02 B P	DRILLING 8483-8661=178=22.2 11.6 / 40
15:00 - 15:30	0.50 DRLPRO 06 A P	RIG SERVICE
15:30 - 19:00	3.50 DRLPRO 02 B P	DRILLING 8661-8788=127=36.2 11.6 / 41
19:00 - 20:00	1.00 DRLPRO 09 A P	WL SURVEY 3.15 DEG @ 8713'
20:00 - 0:00	4.00 DRLPRO 02 B P	DRILLING 8788 - 8886=98=24.5 11.7 / 42
6/29/2008	JIM MURRAY	9,600
0:00 - 15:30	15.50 DRLPRO 02 B P	DRILLING 8886 - 9357=471=30.3 11.8 / 43
15:30 - 16:00	0.50 DRLPRO 06 A P	RIG SERVICE
16:00 - 0:00	8.00 DRLPRO 02 B P	DRILLING 9357 - 9600=243=30.3 11.9 / 42
6/30/2008	JIM MURRAY	10,064
0:00 - 16:30	16.50 DRLPRO 02 B P	DRILLING 9600 - 9958=358=21.6 12.0 / 42
16:30 - 17:00	0.50 DRLPRO 06 A P	RIG SERVICE
17:00 - 18:30	1.50 DRLPRO 07 A S	REMOVE LOCKED UP KELLY SPINNER
18:30 - 0:00	5.50 DRLPRO 02 B P	DRILLING 9958 - 10064=106=19.2 / 12.1 / 43
7/1/2008	JIM MURRAY	10,140
0:00 - 6:00	6.00 DRLPRO 02 B P	DRILLING TO TD 10140 =76=12.6 12.1 / 43
6:00 - 7:30	1.50 DRLPRO 04 C P	CCH , F/WIPER TRIP
7:30 - 9:00	1.50 DRLPRO 05 E P	WIPER TRIP TO 8200'

Wins No.: 94967

NBU 921-20M

API No.: 4304739365

7:30 - 9:00	1.50	DRLPRO	05	E	P	WIPER TRIP TO 8200'
9:00 - 10:30	1.50	DRLPRO	04	C	P	CCH, RU WEATHERFORD TO LDDS
10:30 - 18:00	7.50	DRLPRO	05	B	P	SM,W/ WEATHERFORD & RIG CREWS,PUMP SLUG DROP SURVEY ,LDDS WORK THRU TIGHT SPOTS @ 4875,4325,TOH STAND PIPE IN DERRICK,L/D M MTR
18:00 - 0:00	6.00	DRLPRO	08	F	P	SM W/ HALLIBURTON ,RU & RUN TRIPLE COMBO,LOGS STOPPED @ 9664',LOG OUT R/D SAME

7/2/2008

SUPERVISOR: JIM MURRAY

MD: 10,140

0:00 - 2:00	2.00	DRLPRO	05	D	P	TIH TO 4000',
2:00 - 7:00	5.00	DRLPRO	05	D	P	LDDS,BREAK KELLY,PULL WEAR BUSHING
7:00 - 14:00	7.00	DRLPRO	11	B	P	SM RU WEATHERFORD RUN 241 JTS OF 41/2,11.6#,I-80 LTC CSG
14:00 - 15:30	1.50	DRLPRO	04	E	P	RU HALCO CMT EQUIP,CIRC CSG
15:30 - 18:30	3.00	DRLPRO	08	B	P	SM ,TEST PUMP & LINES TO 5000,PUMP20 BBLS MUD FLUSH,5 BBLS WATER,26.3 BBLS SCAVENGER CMT @9.5#,216.3 BBLS ,580 SKS LEAD @ 11.9#,270.6 BBLS 1240 SKS TAIL @ 14.3#, SHUT DOWN DROP TOP PLUG,LOST RETURNS, STOPPED DISPLACEMENT W/ 145 BBLS GONE,10 BBLS SHORT OF PIPE DISPLACEMENT,PRESSURE @ 4600 PSI,RELEASE PRESSURE FLOATS HELD W/2 BBLS BACK, APPROX 700' CMT LEFT IN PIPE.
18:30 - 19:00	0.50	DRLPRO	08	B	P	LAND CSG W/ 70K,TEST SEALS TO 5000#,LD SETTING TOOL
19:00 - 0:00	5.00	DRLPRO	01	E	P	ND BOPE,CLEAN PITS,RIG RELEASED TO NBU 920-20I @ 23:30 7/2/2008

EVENT INFORMATION: EVENT ACTIVITY: COMPLETION START DATE: 7/11/2008 AFE NO.: 2008183
 OBJECTIVE: CONSTRUCTION END DATE: 7/13/2008
 OBJECTIVE 2: ORIGINAL DATE WELL STARTED PROD.:
 REASON: SURF FACILITIES Event End Status: COMPLETE

RIG OPERATIONS: Begin Mobilization Rig On Location Rig Charges Rig Operation Start Finish Drilling Rig Release Rig Off Location

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
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7/11/2008 SUPERVISOR: HAL BLANCHARD MD:

Wins No.: 94967

NBU 921-20M

API No.: 4304739365

EVENT INFORMATION: EVENT ACTIVITY: COMPLETION START DATE: 7/14/2008 AFE NO.: 2008183
 OBJECTIVE: SECONDARY END DATE: 7/16/2008
 OBJECTIVE 2: ORIGINAL DATE WELL STARTED PROD.: !
 REASON: DRL CMT Event End Status: SUSPENDED

RIG OPERATIONS: Begin Mobilization Rig On Location Rig Charges Rig Operation Start Finish Drilling Rig Release Rig Off Location

GWS 1 / 1

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
7/14/2008							MD: SUPERVISOR: JEFF SAMUELS 7:00 - 18:00 11.00 COMP 31 I P 7:00 A.M. HSM ROAD RIG & EQUIP F/ NBU 1021-19C TO LOC. MIRU, NDWH, NUBOPE. PREP & TALLY 2 3/8" L-80 8RD 4.7# TBG. P/U 3 7/8" DRAG BIT, BIT SUB & RIH P/U TBG OFF TRAILER. TAG CMT (STRINGER) @ 8983'. R/U DRL EQUIP, R/U PMP & LINES. PREP TO DRL IN A.M. SWI. SDFN
7/15/2008							MD: SUPERVISOR: JEFF SAMUELS 7:00 - 17:30 10.50 COMP 44 A P 7:00 A.M. HSM BRK REV CIRC W/ 2% KCL & BEG TO DRL DRL CMT F/ 8983' - 9793'. (TOTAL OF 810'). CIRC WELL CLEAN. PULL 1 JT TBG. EOT @ 9760'. SWI. SDFN
7/16/2008							MD: SUPERVISOR: JEFF SAMUELS 7:00 - 18:00 11.00 COMP 31 I P 7:00 A.M. HSM CONT TO DRL CMT F/ 9760' TO PBTD @ 10125'. CIRC WELL CLEAN W/ 2% KCL. R/D DRL EQUIP. POOH L/D 321 JTS TBG L/D ON TRAILER. NDBOPE. NUWH. RIG DWN. WAIT ON CASED HOLES LOGS. STOP TIME

Wins No.: 94967		NBU 921-20M				API No.: 4304739365		
EVENT INFORMATION:		EVENT ACTIVITY: COMPLETION		START DATE: 8/11/2008		AFE NO.: 2008183		
		OBJECTIVE: DEVELOPMENT		END DATE:				
		OBJECTIVE 2: ORIGINAL		DATE WELL STARTED PROD.:				
		REASON: MV SW		Event End Status:				
RIG OPERATIONS:		Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
MILES 2 / 2								
Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation	
8/11/2008	SUPERVISOR: WILL GLEAVE 7:00 - 17:00		10.00	COMP	31	I	P	HSM. MIRU FROM NBU 920-20I. PREP & TALLY 2-3/8 L-80 TBG. PU PIPE FROM TRAILER & TIH TO 8318'. START TOOH. SWI-SDFN
8/12/2008	SUPERVISOR: WILL GLEAVE 7:00 - 10:00		3.00	COMP	31	I	P	HSM. TOOH W/ 2-3/8 TBG. ND BOPS. NU FRAC VALVE
	10:00 - 11:00		1.00	COMP	33	C	P	MIRU B&C QUICK TEST PRESSURE TEST CASING TO 7400# (HELD). RDMO B&C
	11:00 - 13:30		2.50	COMP	34	H	P	MIRU CUTTERS WIRELINE. PU 3-1/8 PERF GUNS. 0.36 DIA. 23 GM CHARGES. RIH. SHOOT 12 HOLES FROM 10014-18'. PU SHOOT 8 HOLES FROM 9986-88'. PU SHOOT 12 HOLES FROM 9974-78'. PU SHOOT 8 HOLES FROM 9944-46'. POOH. PREP FOR FRAC. SWI-SDFN
8/13/2008	SUPERVISOR: WILL GLEAVE 10:00 - 18:30		8.50	COMP	36	E	P	HSM. MIRU WEATHERFORD FRAC. WAIT FOR FRAC SAND TO SHOW UP. SAND SHOWED UP AT 13:00, START PUMPING @ 14:00.
<p>NOTE: ALL STAGES SHOT WITH 3-1/8 EXP PERF GUNS LOADED W/ 23 GM CHARGES, 90 DEG PHASING, 0.36" DIA. ALL CBP'S ARE BAKER 4-1/2 8K CBP'S. ALL STAGES TREATED W/ NALCO DVE-005 SCALE INHIB, 3 GPT IN PAD & 1/2 RAMP, 10 GPT IN PRE-PAD & FLUSH. ALL CLEAN FLUID TREATED W/ NALCO BIOCID 25 GPT. ALL STAGES TREATED W/ 30/50 SAND TAILED IN W/ 5000# TLC SAND FOR SAND CONTROLL.</p> <p>STAGE 1: BREAK DOWN PERFS @ 4323#. ISIP 3233#. FG .76. EST INJ RATE OF 50.8 BBL/MIN @ 5060#. TREATED STAGE 1 W/ 86,750 # SAND. TAILED IN W/ 5000# TLC SAND & SLK WTR. 2508 TOTAL BBLs CLEAN FLUID. ISIP 3236#. FG .76. NPI 3#.</p> <p>STAGE 2.: PU 3-1/8 PERF GUNS & 4-1/2 CBP. RIH. MIS-RUN, COLLAR LOCATOR QUIT, POOH, PU NEW CCL. RIH, SAME PROBLEM. POOH, RE-HEAD WIRELINE, RIH, SET CBP @ 9675'. PU SHOOT 6 HOLES FROM 9643-45'. PU, SHOOT 6 HOLES FROM 9620-22'. PU SHOOT 6 HOLES FROM 9534-36'. PU SHOOT 8 HOLES FROM 9488-90'. PU, SHOOT 16 HOLES FROM 9456-60'. POOH. SWI-SDFN.</p>								
8/14/2008	SUPERVISOR: WILL GLEAVE							MD:

7:00 - COMP 36 E P HSM.
 STAGE 2: BREAK DOWN PERFS @ 4800 #. ISIP 2927#. FG .74. EST INJ RATE OF 40.5 BBL/MIN @ 4570#. TREATED STAGE 2 W/ 83529 # SAND. TAILED IN W/ 5000# TLC SAND & SLK WTR. 2306 BBLs CLEAN FLUID. ISIP 3463#. FG .80. NPI 536#.

STAGE 3: PU 3-1/8 PERF GUNS & 4-1/2 CBP. RIH, SET CBP @ 9,388'. PU SHOOT 8 HOLES FROM 9358-58'. PU SHOOT 32 HOLES FROM 9230-38'. POOH. BREAK DOWN PERFS @ 4444#, ISIP 3133, FG .77. EST INJ RATE OF 51.9 BBL/MIN @ 5279#. TREATED STAGE 3 W/ 71,658 # SAND, TAILED IN W/ 5000# TLC SAND & SLK WTR. 1967 BBLs TOTAL CLEAN FLUID. ISIP 2944#, FG .75 NPI -189.

STAGE 4: PU 3-1/8 PERF GUNS & 4-1/2 CBP. RIH, SET CBP @ 9,144'. PU SHOOT 8 HOLES FROM 9112-14' PU SHOOT 8 HOLES FROM 9030-32'. PU SHOOT 8 HOLES FROM 9000-02'. PU SHOOT 16 HOLES FROM 8972-76'. POOH. BREAK DOWN PERFS @ 3900#, ISIP 3059#, FG .77, EST INJ RATE OF 51.1 BBL/MIN @ 5895. TREATED STAGE 4 W/ 104,627# SAND, TAILED IN W/ 5000# TLC SAND & SLK WTR. 2827 BBLs TOTAL CLEAN FLUID. ISIP 3520, FG .82, NPI 461

STAGE 5: PU 3-1/8 PERF GUNS & 4-1/2 CBP. RIH SET CBP @ 8,876'. MIS-RUN, GUNS WOULD NOT SHOOT. POOH, FIX GUNS, RIH SHOOT 12 HOLES FROM 8832-36'. PU SHOOT 16 HOLES FROM 8770-74'. PU SHOOT 6 HOLES FROM 8723-25'. PU SHOOT 6 HOLES FROM 8682-84'. POOH. BREAK DOWN PERFS @ 3126#. ISIP 2393, FG .71. EST INJ RATE OF 51.7 BBL/MIN @ 5700#. TREATED STAGE 5 W/ 158,866# SAND, TAILED IN W/ 5000# TLC SAND & SLK WTR. 3961 BBLs TOTAL FLUID. ISIP 3042, FG .78, NPI 649#.

PU 4-1/2 CBP. RIH SET CBP @ 8,632'. RDMO WEATHERFORD FRAC. RDMO CUTTERS WIRELINE. SWI-SDFN

8/15/2008 SUPERVISOR: WILL GLEAVE MD:
 7:00 - 17:00 10:00 COMP 44 C P HSM. ND FRAC VALVE. NU BOPS. PU POBS & 3-7/8 ROCK BIT. TIH TO KILL PLUG @ 8632'. PU SWIVEL. RU PUMP AND LINES. BREAK CIRC. D.O. 1ST CBP. 1000# INC

TIH, TAG FILL @ 8841' (45' FILL) D.O. 2ND CBP @ 8876'. 500# INC

TIH, TAG FILL @ 9114 (30' FILL) D.O. 3RD CBP @ 9144'. 300# INC

TIH, TAG FILL @ 9358' (30" FILL) D.O. 4 TH CBP @ 9388'. 300# INC

TIH, TAG FILL @ 9645' (30' FILL). D.O. 5TH CBP @ 9675'. 400# INC.

TIH, TAG FILL @ 10,033' (92' FILL). CLEAN OUT TO 10,117'. CIRC WELL CLEAN. LD SWIVEL.

LD 23 JTS ON TRAILER. HANG TUBING OFF. ND BOPS. DROP BALL. NU WH. PUMP OFF BIT @ 3500#

TURN OVER TO FLOW-BACK CREW. RD, SDFWE

48/64 CHOKE

SICP 2300#
 TBG PSI. 150#

329 JTS ON LOC.
 297 IN WELL
 32 ON TRAILER
 EOT @ 9422'

8/16/2008 SUPERVISOR: WILL GLEAVE MD:
 7:00 - 33 A 7 AM FLBK REPORT: CP 2700#, TP 2125#, 16/64" CK, 55 BWP#, TRACE SAND, - GAS
 TTL BBLs RECOVERED: 4410
 BBLs LEFT TO RECOVER: 9159

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

5. Lease Serial No.
UTU-0575

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

6. If Indian, Allottee or Tribe Name
TRIBAL SURFACE

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

8. Lease Name and Well No.
NBU 921-20M

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

3. Address 1368 SOUTH 1200 EAST, VERNAL, UTAH 84078
3a. Phone No. (include area code) (435) 781-7024

9. API Well No.
4304739365

4. Location of Well (Report locations clearly and in accordance with Federal requirements)*

At surface SW/SW 568'FSL, 586'FWL

At top prod. interval reported below

10. Field and Pool, or Exploratory
NATURAL BUTTES

11. Sec., T., R., M., or Block and Survey or Area SEC. 20, T9S, R21E

12. County or Parish UINTAH
13. State UTAH

At total depth

14. Date Spudded 05/06/08
15. Date T.D. Reached 07/01/08
16. Date Completed D & A Ready to Prod. 08/18/08

17. Elevations (DF, RKB, RT, GL)*
4893'GL

18. Total Depth: MD 10.140' TVD
19. Plug Back T.D.: MD 10.117' TVD
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

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

CBL-CCL-GR, SD, DSN, ACTR

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"	14"	36.7#		40'		28 SX			
12 1/4"	9 5/8"	36#		2435'		655 SX			
7 7/8"	4 1/2"	11.6#		10,140'		1820 SX			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
2 3/8"	9422'							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	8682'	10,018'	8682'-10,018'	0.36	202	OPEN
B) WSMVD						
C)						
D)						

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

Depth Interval	Amount and type of Material
8682'-10,018'	PMP 13,569 BBLs SLICK H2O & 503,070# 30/50 SD

RECEIVED

SEP 11 2008

28. Production - Interval A

DIV. OF OIL, GAS & MINING

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
08/18/08	08/21/08	24	→	72	2,549	720			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
18/64	1468#	3414#	→	72	2549	720			PRODUCING GAS WELL

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. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
			→						

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

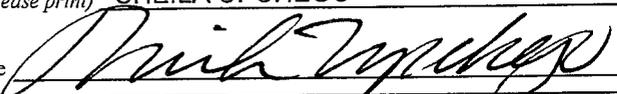
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
GREEN RIVER	1686'				
MAHOGANY	2457'				
WASATCH	5002'	8028'			
MESAVERDE	8044'	9632'			

32. Additional remarks (include plugging procedure):

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:

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

Name (please print) SHEILA UPCHEGO Title REGULATORY ANALYST
 Signature  Date 09/08/08

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.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0575
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 921-20M
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047393650000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6511 9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0568 FSL 0586 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 20 Township: 09.0S Range: 21.0E 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: 3/25/2013 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input checked="" type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

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

The operator requests authorization to temporarily abandon the subject well location. The operator proposes to temporarily abandon the well to drill the NBU 921-20M Pad; which consists of the following wells: NBU 921-20M1BS, NBU 921-20M1CS, NBU 921-20L4CS, MU 921-20M . Please see the attached TA Procedure.

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

Date: March 28, 2013

By: *Derek Quist*

NAME (PLEASE PRINT) Luke Urban	PHONE NUMBER 720 929-6501	TITLE Regulatory Specialist
SIGNATURE N/A	DATE 3/25/2013	

Well Name: **NBU 921-20M**
 Surface Location: SWSW Sec. 20, T9, R21E
 Uintah County, UT

3/18/13

Recommended action for disposition of well bore:

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

API: 4304739365 LEASE#: U-0575
 ELEVATIONS: 4893' GL 4911' KB
 TOTAL DEPTH: 10,140' PBTD: 10,117'
 SURFACE CASING: 9 5/8", 36# J-55 @ 2435' (KB)
 PRODUCTION CASING: 4 1/2", 11.6# I-80 @ 10,140'
 TOC @ ~2000 per CBL
 PRODUCTION TUBING: 2 3/8" L-80, EOT @ 9422' (CMP rpt dated 8/15/08)
 PERFORATIONS: MESAVERDE 8682' - 10,018

Tubular/Borehole	Drift inches	Collapse psi	Burst psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1624	0.0217	0.0039
4.5" 11.6# N-80	3.875	6350	7780	0.6528	0.0872	0.0155
9.625" 36# K-55	8.921	2020	3520	3.247	0.434	0.0773
Annular Capacities						
2.375" tbg. X 4 1/2" 11.6# csg				0.4227	0.0565	0.0101
4.5" csg X 9 5/8" 36# csg				2.227	0.2977	0.053
4.5" csg X 7.875 borehole				1.704	0.2276	0.0406
9 5/8" csg X 12 1/4" borehole				2.3436	0.3132	0.0558

GEOLOGICAL TOPS:
 5002' Wasatch
 8044' Mesaverde

NBU 921-20M TEMPORARY ABANDONMENT PROCEDURE

GENERAL

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

PROCEDURE

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

1. MIRU. KILL WELL AS NEEDED (TO INCLUDE SURFACE CSG PRESSURE). ND WH, NU AND TEST BOPE.
2. RU WIRELINE. ENSURE WELLBORE IS CLEAN. **A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.**
3. RUN GYRO SURVEY.
4. **PLUG #1, ISOLATE MV PERFORATIONS (8682' - 10,018')**: RIH W/ 4 1/2" CBP. SET @ ~8630'. RELEASE CBP, PUH 10', BRK CIRC W/ FRESH WATER. PRESSURE TEST CASING TO 500 PSI. INFORM ENGINEERING IF IT DOESN'T TEST. DISPLACE A MINIMUM OF **8 SX / 1.6 BBL / 8.7 CUFT**. ON TOP OF PLUG. PUH ABOVE TOC (~8530'). REVERSE CIRCULATE W/ TREATED FRESH WATER (~53 BBLs).
5. **PLUG #2, PROTECT TOP OF WASATCH (5002')**: PUH TO ~5110'. BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF **16 SX / 3.3 BBL / 18.3 CUFT** AND BALANCE PLUG W/ TOC @ ~4900' (210' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER (~76 BBLs).
6. LOWER WELLHEAD TO GROUND LEVEL TO ACCOMMODATE DRILLING OPS AND INSTALL MARKER PER UDOGM GUIDELINES.
7. RDMO. TURN OVER TO DRILLING OPERATIONS.

ALM 3/14/13

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0575
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 921-20M	
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047393650000	
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6514	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0568 FSL 0586 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 20 Township: 09.0S Range: 21.0E Meridian: S	COUNTY: UINTAH	
	STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/22/2013 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <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: <input type="text" value="Production Enhancement"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>The operator conducted the following workover/wellbore cleanout on the subject well on 03/22/2013. Please see the attached chronological well history for details. Thank you.</p>		
<p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 23, 2013</p>		
NAME (PLEASE PRINT) Teena Paulo	PHONE NUMBER 720 929-6236	TITLE Staff Regulatory Specialist
SIGNATURE N/A	DATE 5/9/2013	

US ROCKIES REGION

Operation Summary Report

Well: NBU 921-20M		Spud Conductor: 5/6/2008		Spud Date: 5/9/2008				
Project: UTAH-UINTAH		Site: NBU 921-20M		Rig Name No: MILES 2/2				
Event: WELL WORK EXPENSE		Start Date: 3/21/2013		End Date: 3/22/2013				
Active Datum: RKB @4,910.99usft (above Mean Sea Level)			UWI: NBU 921-20M					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
3/21/2013	7:00 - 7:15	0.25	MAINT	48	I	P		HSM, SLIPS TRIPS AND FALLS. SCANNING TBG
	7:15 - 10:00	2.75	MAINT	31	I	P		SIC&T 75 PSI. BLOW WELL DOWN. CONTROL WELL W/ 20 BBL T-MAC. NDWH. UNLAND TBG & RELAND. NU BOP. RIH RIG FLOOR & TBG EQUIP. P/T BOP T/ 3000 PSI. GOOD TEST. UNLAND TBG. LD TBG HANGER. PREP & TALLY 2 3/8 TBG. RIH T/ CHECK FOR FILL. TAG @ 9950'. 3 SETS OF PERF'S COVERED, 9974'-78', 9986'-88', 10,014'-18'. PBTD @ 10,117'. POOH, STD BACK 8 STDS.
	10:00 - 11:30	1.50	MAINT	34	H	P		MIRU CUTTERS WL. PU TBG PUNCH PERF GUN. RIH PERF @ 9310' W/ 4 SPF. POOH. RDMO CUTTERS WL.
	11:30 - 17:00	5.50	MAINT	45	A	P		MIRU SCAN TECH. POOH SCANNING 2 3/8 TBG. SCANNED 297 JTS L-80, 2 3/8 TBG. FOUND HOLES IN JTS 134, 135, 136. 66 YELLOW, 15 BLUE, 216 RED. LITE EXTERNAL SCALE JTS 114-125. MED EXTERNAL SCALE JTS 126-127. HEAVY EXTERNAL SCALE JTS 128-131. JTS 132-297 LITE OR NO EXTERNAL SCALE. MOST REJECTED FOR PITTING NEAR PINS & WALL LOSS. RDMO SCAN TECH. LOWER RIG FLOOR & TONGS. CLEAN SCALE OUT OF TBG EQUIP. WINTERIZE RIG EQUIP. SWIFN.
3/22/2013	6:45 - 7:00	0.25	MAINT	48		P		HSM. SLIPS TRIPS & FALLS. C/O W/ A/F UNIT.
	7:00 - 12:30	5.50	MAINT	31	I	P		SICP 650 PSI. BLOW DOWN WELL. CONTROL WELL W/ TMAC. PU 3 7/8 BIT, POBS W/ 1.875" XN NIPPLE. TALLY & RIH T/ 9,900'. RU DRL EQUIP & INSTALL STRING FLOAT & NEW W/R FLOAT. PUMP 10 BBLTMAC.

US ROCKIES REGION

Operation Summary Report

Well: NBU 921-20M	Spud Conductor: 5/6/2008	Spud Date: 5/9/2008
Project: UTAH-UINTAH	Site: NBU 921-20M	Rig Name No: MILES 2/2
Event: WELL WORK EXPENSE	Start Date: 3/21/2013	End Date: 3/22/2013
Active Datum: RKB @4,910.99usft (above Mean Sea Level)	UWI: NBU 921-20M	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
	12:30 - 18:30	6.00	MAINT	44	D	P		<p>MIRU GROSS FOAM & BRK CONV CIRC W/ A/F UNIT. (2HR 45 MIN)</p> <p>CO F/ 9900' T/ 10,105'. W/ 320 JTS 2 3/8, L-80 TBG. OLD POBS @ 10,105'. PBTB @ 10,117' BTM PERF @ 10,018' = 87' R/H.</p> <p>CIRC WELL CLEAN. CONT WELL W/ TMAC. LD STRING FLOAT. RD DRL EQUIP. POOH, LD 22 JTS TBG. PU & STRIPP IN TBG HNGER & LAND. LAND TBG W/ KB = 18'</p> <p>4 1/16 TBG HNGR = .83 DELIVERED 86 JTS // TBG DELIVERED 315 JTS 298 JTS 2 3/8 L=80 = 9,397.81' USED 16 JTS // TBG USED 201 JTS POBS = 2.20' RETURNED 70 JTS // TBG RETURNED 114 JTS EOT @ 9418.84' NEW L-80 SAMUELS YARD // CTAP</p> <p>RD RIG FLOOR & TBG EQUIP. ND BOP. NU WH. DROP BALL. PUMP BIT OFF. TURN WELL OVER T/ PRODUCTION. WINTERIZE EQUIP. SWIFN.</p> <p>WATER T/ RECOVER = 50 BBLS.</p>

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0575
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 921-20M	
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047393650000	
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6511	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0568 FSL 0586 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 20 Township: 09.0S Range: 21.0E Meridian: S	COUNTY: UINTAH	
	STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/17/2013 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input checked="" type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>The operator has concluded the temporary abandonment operations on the subject well location on 7/17/2013. This well was plugged in order to expand and drill the NBU 921-20M Pad wells. Please see the attached chronological well history for details. Thank you.</p>		
<p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY September 17, 2013</p>		
NAME (PLEASE PRINT) Teena Paulo	PHONE NUMBER 720 929-6236	TITLE Staff Regulatory Specialist
SIGNATURE N/A	DATE 8/20/2013	

US ROCKIES REGION
Operation Summary Report

US ROCKIES REGION								
Operation Summary Report								
Well: NBU 921-20M			Spud Conductor: 5/6/2008			Spud Date: 5/9/2008		
Project: UTAH-UINTAH			Site: NBU 921-20M			Rig Name No: SWABBCO 10/10		
Event: ABANDONMENT			Start Date: 7/16/2013			End Date: 7/17/2013		
Active Datum: RKB @4,910.99usft (above Mean Sea Level)				UWI: NBU 921-20M				
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
7/16/2013	6:30 - 6:45	0.25	ABANDT	48		P		JSA-SAFETY MEETING, GYROL SURVEY WAS RAN IN APRIL 2009
	6:45 - 10:00	3.25	ABANDT	30	A	P		ROAD RIG TO LOC, MOVE IN RIG UP, CONTROL WELL W/ 60 BBLs WTR, N/D WH, N/U BOPS,
	10:00 - 13:45	3.75	ABANDT	31	I	P		TOOH W/ 2 3/8" TBG W/ SCAN TBG OUT, 298 JTS , 4 RED JTS,
	13:45 - 16:00	2.25	ABANDT	34	I	P		R/U CUTTER WIRELINE RIH W/ 4 5" GAUGE RING TO 8650', RIH W/ HALLIBURTON 10K CBP, SET CBP @ 8630',
	16:00 - 17:30	1.50	ABANDT	31	I	P		P/U NOTCH COLLER RIH W/ 2 3/8" TBG @ 50 STANDS TO @ 3150', SHUT WELL IN SDFN, TOP LATITUDE @ 40.01585 BOTTOM LATITUDE @ 40.01577 TOP LONGITUDE @ -109.58221 BOTTOM LONGITUDE @ -109.58214
7/17/2013	6:30 - 6:45	0.25	ABANDZ	48		P		JSA-SAFETY MEETING
	6:45 - 9:00	2.25	ABANDZ	31	I	P		BLOW WELL DN, RIH W/ 2 3/8" TBG TO 8627',
	9:00 - 11:00	2.00	ABANDZ	51	D	P		R/U PRO-PETRO CEMENTERS, CIRC WELL W/ T-MAC WTR, 125 BBLs, PUMP 5 BBL FREASH THEN 1.7 BBLs CEMENT , 2 BBLs FREASH THEN T-MAC W/ BALANCE CEMENT PLUG ACROSS 8627', P/O LAY DN 4 JTS ON TRAILER, REVERSE OUT CEMENT W/ COLAR WATER,
	11:00 - 12:30	1.50	ABANDZ	31	I	P		P/O LAY DOWN 107 JTS ON TRAILER TO 5114',
	12:30 - 13:30	1.00	ABANDZ	51	D	P		R/U CEMENTER, ESTB CIRC, PUMP 2 BBL TREASH WTR, 16 SACKS CEMENT # 3.4 BBLs CEMENT, SPOT CEMENT PLUG @ 5114', P/O LAY DN 8 JTS ON TRAILER, REVERSE OUT CEMENT W/ @ 1/2 BBL CEMENT BACK,
	13:30 - 17:30	4.00	ABANDZ	31	I	P		TOOH W/ LAY TBG DOWN ON TRAILER TOTAL ON TRAILER 294 JTS 2 3/8" L-80 TBG, FILL CSG W/ WTR, N/D BOPS, COVER WELL BORE, R/D UNIT MOVE OFF. LATITUDE 40.01585. LONGITUDE -109.58221
7/19/2013	7:00 -							REMOVE PRODUCTION FACILITIES TO PREPARE LOCATION FOR PAD DRILLING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-0575
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 921-20M
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047393650000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6111 9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0568 FSL 0586 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 20 Township: 09.0S Range: 21.0E 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: 2/14/2014	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width:100px;" type="text"/>

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

THE SUBJECT WELL WAS RETURNED TO PRODUCTION ON 2/14/2014 FROM A TEMPORARY ABANDON STATUS. PLEASE SEE THE ATTACHED WELL HYSTORY REPORT FOR DETAILS.

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

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

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 921-20M		Spud Conductor: 5/6/2008		Spud Date: 5/9/2008				
Project: UTAH-UINTAH			Site: NBU 921-20M PAD			Rig Name No:		
Event: ABANDONMENT			Start Date: 1/24/2014			End Date: 2/12/2014		
Active Datum: RKB @4,910.99usft (above Mean Sea Level)				UWI: NBU 921-20M				

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
1/24/2014	7:00 -							REBUILD PROD. FACILITIES TO RETURN WELL TO PRODUCTION
2/11/2014	7:00 - 7:15	0.25	ABANDT	48		P		HSM, SLIPS, TRIPS & FALLS, RIGGING UP, PU TBG
	7:15 - 17:30	10.25	ABANDT	31	I	P		RESET CMT BLOCKS, MIRU, ND WH, NU BOP, RU FLOOR & TBG EQUIP, SPOT TBG TRAILER, PU 3 7/8" BIT, POBS, 1.875" XN S/N, TALLY & PU TBG TO 1ST CMT PLUG 4902' TO 5114' NO TAG (CONTAMINATED CMT ??), TALLY & PU TBG TO 2ND CMT PLUG & CBP 8524' TO 8630' TAG @ 8630' (CONTAMINATED CMT ??), INSTAL W/R, RU P/S CIRC 120 BBLS TMAC, PT BOP TO 3,000 PSI GOOD, D/O CBP IN AM, SWI, WINTERIZE, SDFN.
2/12/2014	7:00 - 7:15	0.25	ABANDT	48		P		HSM, SLIPS, TRIPS & FALLS, D/O CBP, A/F UNIT
	7:15 - 15:00	7.75	ABANDT	44	C	P		D/O CBP @ 8630' W/ R/P WENT ON VACUMN, SET P/S BACK, TALLY & PU TBG TAG @ 10,000', MIRU GROSS FOAM, INSTAL S/F & BREAK CIRC W/ A/F UNIT 1 1/2 HRS, BTM PERF 10,018', PBD 10,105', C/O FROM 10,000' TO 10,105' (OLD POBS) W/ 318 JTS (PRETTY STICKY ON BTM), PUMP SWEEP AROUND, TOP KILL TUBING TO REMOVE S/F, RD P/S, LD 22 JTS, PU & STRIP IN TBG HANGER & LAND TBG W/ 296 JTS 2 3/8" TBG, EOT 9407.22'. RD FLOOR & TBG EQUIP, ND BOPS, NU WH, DROP BALL & SHEAR OFF BIT, RD & RACK OUT EQUIP TO ROAD RIG TO ARCHY BENCH IN AM TO THE NBU 1022-1313 PAD, SWI, T/O TO PROD, SDFN. KB= 18' 4 1/16" FMC HANGER= .83' TBG DELIVERED 164 JTS L-80 146 JTS 2 3/8" L-80= 4,632.75' TBG DELIVERED 150 JTS J-55 1 - 6' PUP JT L-80= 6.08' TOTAL TBG= 314 JTS J-55 & L-80 150 JTS 2 3/8" J-55 = 4,747.36' TBG USED 296 JTS POBS= 2.20' TBG RETURNED 18 JTS L-80 EOT @ 9,407.22' APPROX 50 BBLS WATER TO RECOVER