

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-01196-E
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator WESTPORT OIL & GAS COMPANY, L.P.		7. If Unit or CA Agreement, Name and No. NATURAL BUTTES
3a. Address 1368 SOUTH 1200 EAST, VERNAL, UTAH 84078		8. Lease Name and Well No. NBU 1022-17J
3b. Phone No. (include area code) (435) 781-7060		9. API Well No. 43-047-37546
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NWSE 2311' FSL 1900' FEL 631545X 39.947908 At proposed prod. Zone 44229014 -109.460176		10. Field and Pool, or Exploratory NATURAL BUTTES
11. Sec., T., R., M., or Blk, and Survey or Area SEC 17-T10S-R22E		12. County or Parish UINTAH
14. Distance in miles and direction from nearest town or post office* 22.15 MILES SOUTHEAST OF OURAY, UTAH		13. State UT
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1900'	16. No. of Acres in lease 560	17. Spacing Unit dedicated to this well 40
18. Distance from proposed* location to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C	19. Proposed Depth 8800'	20. BLM/BIA Bond No. on file CO-1203
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5241.1' GL	22. Approximate date work will start* UPON APPROVAL	23. Estimated duration TO BE DETERMINED

24. Attachments

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

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

25. Signature 	Name (Printed/Typed) DEBRA DOMENICI	Date 12/12/2005
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Title
ASSOCIATE ENVIRONMENTAL ANALYST

Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 12-22-05
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Title
ENVIRONMENTAL SCIENTIST III

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.

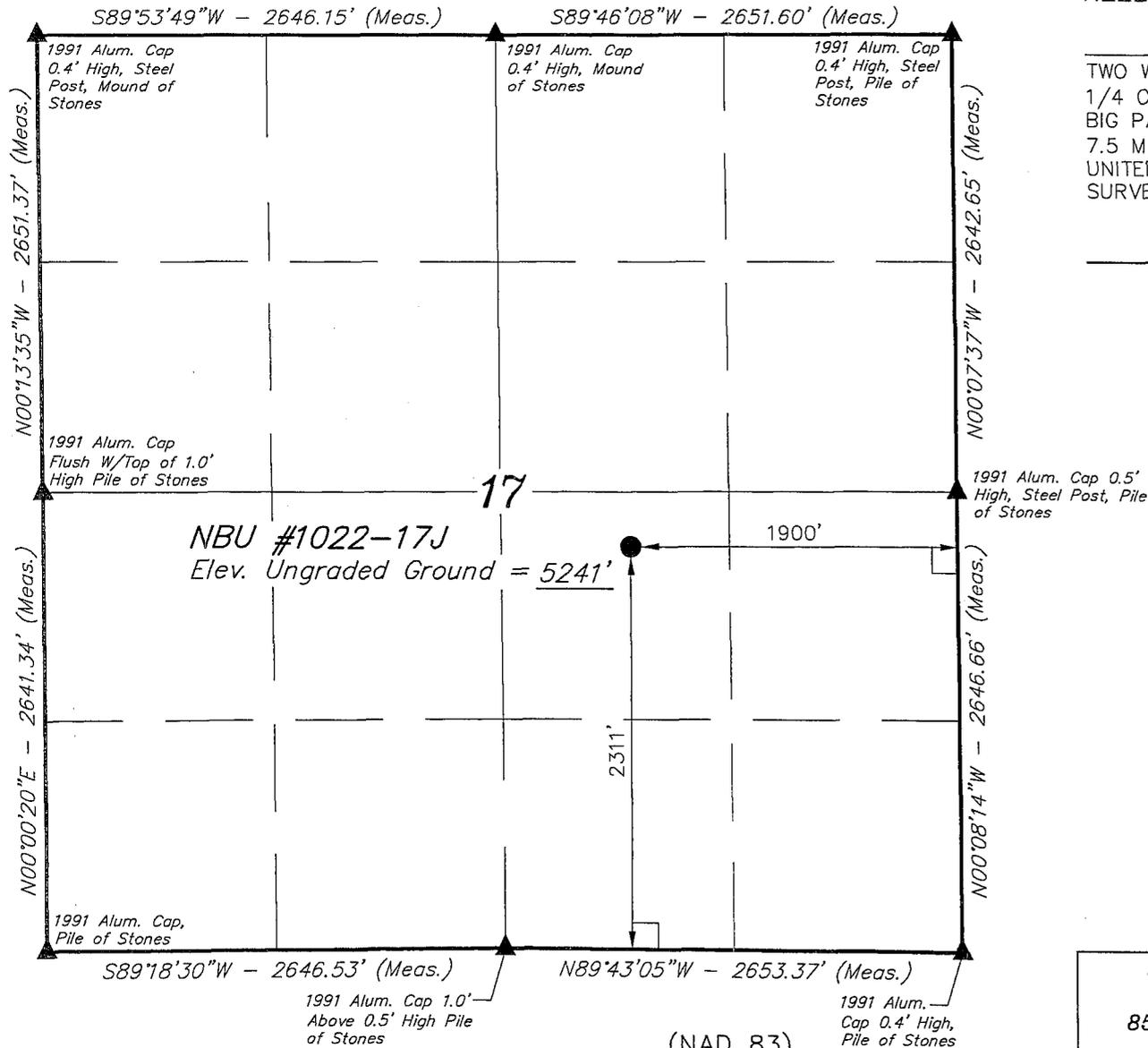
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

**Federal Approval of this
Action is Necessary**

RECEIVED
DEC 20 2005
DIV. OF OIL, GAS & MINING

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



LEGEND:

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

(NAD 83)
 LATITUDE = $39^{\circ}56'53.08''$ (39.948078)
 LONGITUDE = $109^{\circ}27'39.42''$ (109.460950)
 (NAD 27)
 LATITUDE = $39^{\circ}56'53.20''$ (39.948111)
 LONGITUDE = $109^{\circ}27'36.96''$ (109.460267)

WESTPORT OIL AND GAS COMPANY, L.P.

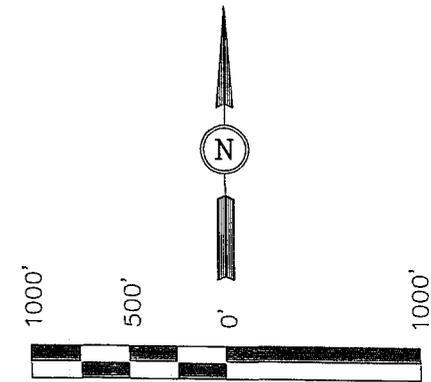
Well location, NBU #1022-17J, located as shown in the NW 1/4 SE 1/4 of Section 17, T10S, R22E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

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

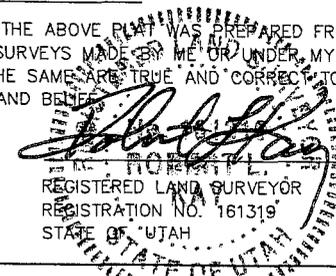
BASIS OF BEARINGS

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



SCALE
CERTIFICATE

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



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

SCALE 1" = 1000'	DATE SURVEYED: 11-04-05	DATE DRAWN: 11-15-05
PARTY A.F. J.K. P.M.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE	WESTPORT OIL AND GAS COMPANY, L.P.

NBU 1022-17J
NWSE SEC 17-T10S-R22E
UINTAH COUNTY, UTAH
UTU-01196-E

ONSHORE ORDER NO. 1

DRILLING PROGRAM

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

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	1170'
Wasatch	4365'
Mesaverde	6760'
TD	8800'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1170'
Gas	Wasatch	4365'
Gas	Mesaverde	6760'
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 8800' TD, approximately equals 5456 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3520 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.


Westport Oil and Gas Company, L.P.
DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'						
SURFACE	9-5/8"	0 to 1800	32.30	H-40	STC	2270 0.73*****	1370 1.63	254000 4.99
PRODUCTION	4-1/2"	0 to 8800	11.60	I-80	LTC	7780 2.51	6350 1.26	201000 2.26

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 = 11.0 ppg) .22 psi/ft = gradient for partially evac wellbore
 (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)
 MASP 3098 psi

***** Burst SF is low but csg is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.8 ppg or 1.13 psi/ft

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18
Option 1	TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	50		15.60	1.18
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE	Option 2	NOTE: If well will circulate water to surface, option 2 will be utilized					
	LEAD	1500	Prem cmt + 16% Gel + 10 pps gilsonite + .25 pps Flocele + 3% salt BWOC	170	35%	11.00	3.82
	TAIL	500	Premium cmt + 2% CaCl + .25 pps flocele	180	35%	15.60	1.18
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	3,860'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	420	60%	11.00	3.38
	TAIL	4,940'	50/50 Poz/G + 10% salt + 2% gel + .1% R-3	1380	60%	14.30	1.31

*Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained
 *Substitute caliper hole volume plus 15% 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

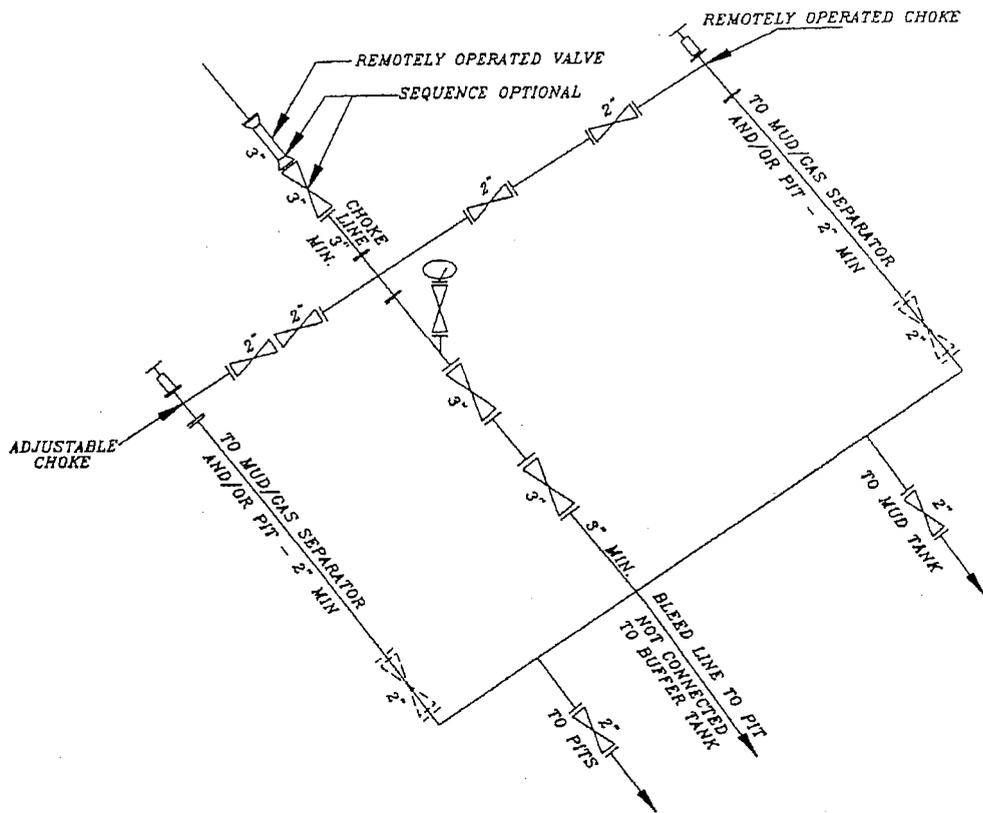
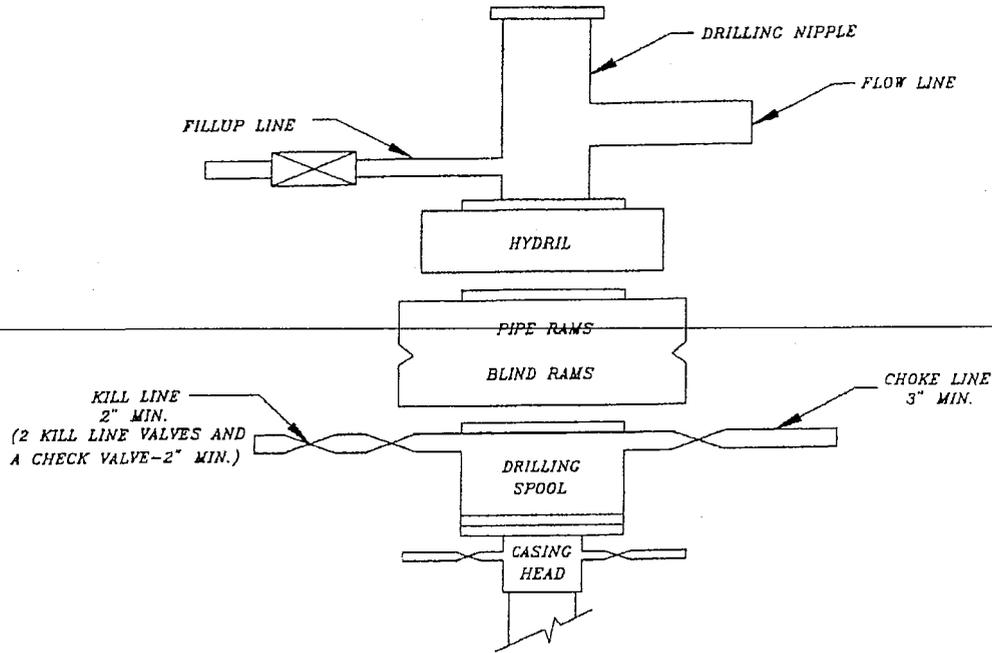
Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.
 BOPE: 11" 5M with one annular and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.
 Drop Tolco 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 1022-17J
NWSE SEC 17-T10S-R22E
UINTAH COUNTY, UTAH
UTU-01196-E

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

An onsite inspection was conducted for the NBU 1022-17J on 12/7/05 for the subject well.

1. **Existing Roads:**

Refer to the attached location directions.

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

2. **Planned Access Roads:**

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

Approximately 0.15 miles of road re-route is proposed. Please refer to Topo Map B.

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

Please refer to Topo Map C.

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

Please see the Natural Buttes Unit SOP.

Approximately 902' of pipeline re-route is proposed. Refer to Topo Map D for the location of the proposed pipelines.

Variances to Best Management Practices (BMPs) Requested:

Approximately 902' of 4" steel pipeline will be re-routed on surface within the access corridor for the well location. As a Best Management Practice (BMP), the pipeline would be buried within the access road corridor if possible. The construction of pipelines requires the corridor of 30 feet.

This exception to the BMP should be granted by the BLM Authorized Officer because indurated bedrock, such as sandstone, is at or within 2 feet of the surface and the soil has a poor history for successful rehabilitation.

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

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

Please see the Natural Buttes SOP.

6. **Source of Construction Materials**

Please see the Natural Buttes SOP.

7. **Methods of Handling Waste Materials**

Please see the Natural Buttes SOP.

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

8. **Ancillary Facilities**

Please see the Natural Buttes SOP.

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

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

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

As per previous onsite discussion, a 20 mil reserve pit liner with felt will be used.

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

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

Please see the Natural Buttes SOP.

When the pit is backfilled, the topsoil pile shall be spread on the location up to the rig anchor points. The location will be reshaped to the original contour to the extent possible. The following seed mixture will be used to reclaim the surface for interim reclamation using appropriate reclamation methods. A total of 12 lbs/acre will be used if the seeds are drilled (24 lbs/acre if the seeds are broadcast). The per acre requirements for *drilled* seed are:

Crested Wheat Grass	6 lbs/acre
Needle and Thread Grass	6 lbs/acre

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

11. Surface Ownership:

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

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

12. Other Information:

A Class III archaeological survey and a paleontological survey have been performed and will be filed when received.

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

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

Debra Domenici
Associate Environmental Analyst
Westport O&G Co.
1368 South 1200 East
Vernal, UT 84078
(435) 781-7060

Randy Bayne
Drilling Manager
Westport O&G Co.
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.

Westport O&G Co. is considered to be the operator of the subject well. Westport O&G Co. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon leased lands.

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

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by BLM Nationwide Bond #CO-1203.

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.



Debra Domenici

12/12/2005

Date

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1022-17J

SECTION 17, T10S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 11.2 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; ~~TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY~~ DIRECTION APPROXIMATELY 8.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.15 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 53.15 MILES.

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1022-17J
LOCATED IN UINTAH COUNTY, UTAH
SECTION 17, T10S, R22E, S.L.B.&M.

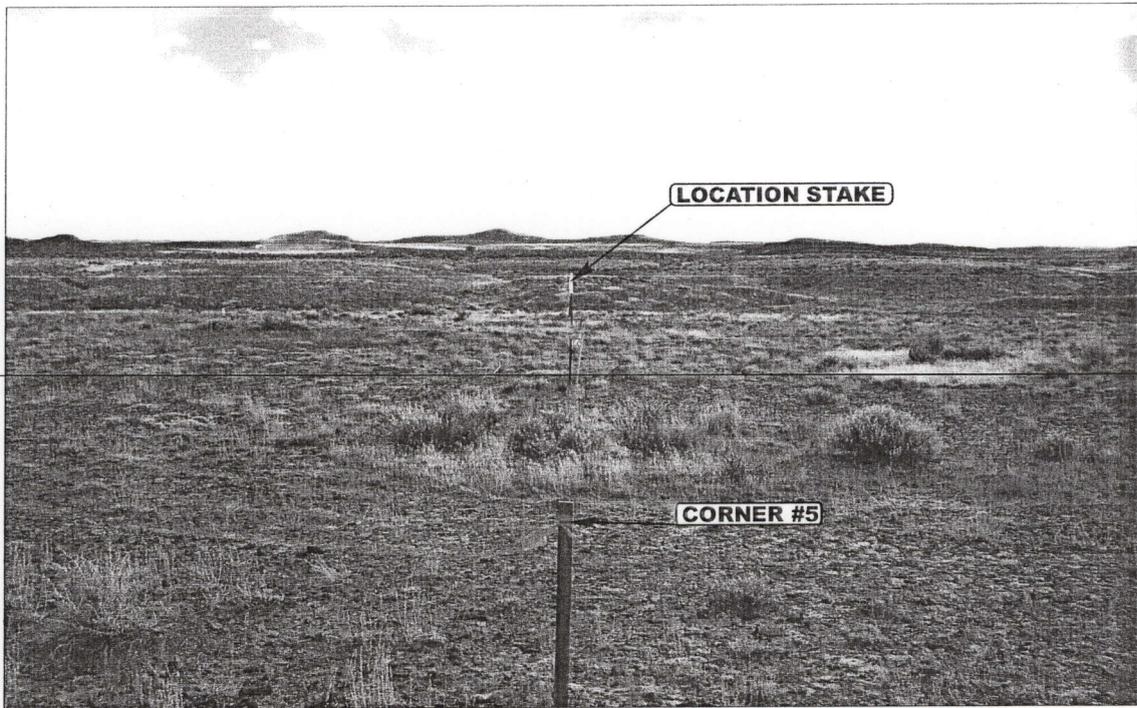


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY

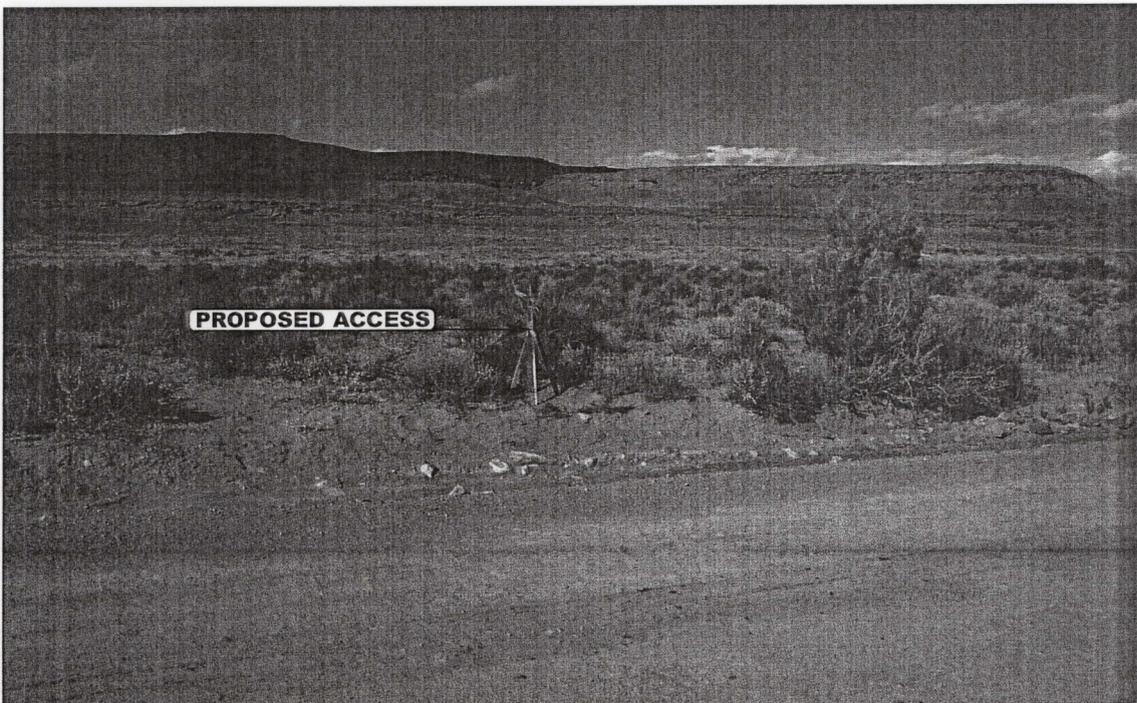


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHERLY



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

LOCATION PHOTOS	11	09	05	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: A.F.	DRAWN BY: C.P.	REVISED: 00-00-00		

- Since 1964 -

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1022-17J
PIPELINE ALIGNMENT
LOCATED IN UINTAH COUNTY, UTAH
SECTION 17, T10S, R22E, S.L.B.&M.



PHOTO: VIEW FROM TIE-IN POINT

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW OF PIPELINE ALLIGNMENT

CAMERA ANGLE: NORTHEASTERLY



- Since 1964 -

UELS

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

PIPELINE PHOTOS

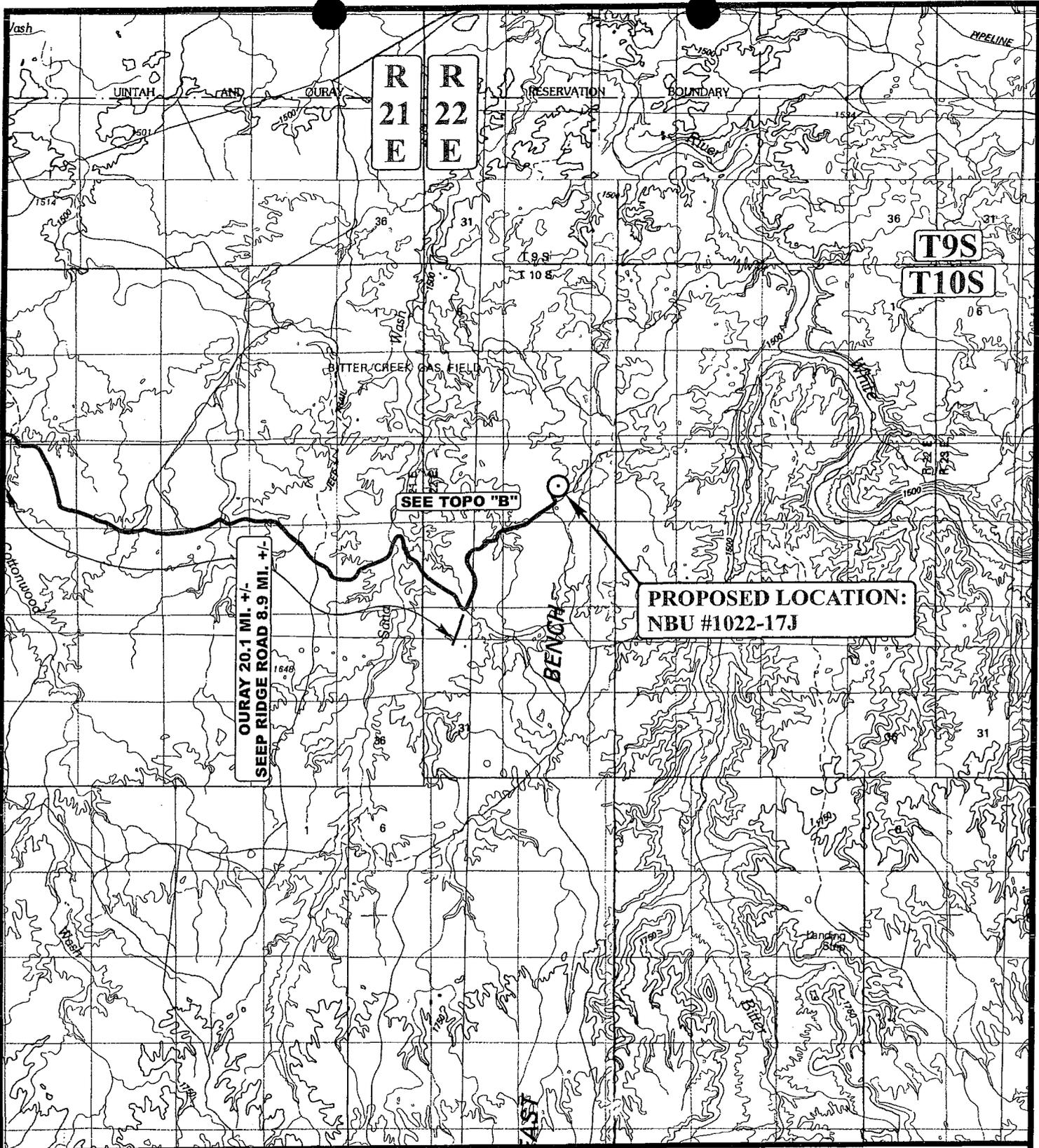
11 09 05
MONTH DAY YEAR

PHOTO

TAKEN BY: A.F.

DRAWN BY: C.P.

REVISED: 00-00-00



LEGEND:

○ PROPOSED LOCATION



WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1022-17J

SECTION 17, T10S, R22E, S.L.B.&M.

2311' FSL 1900' FEL

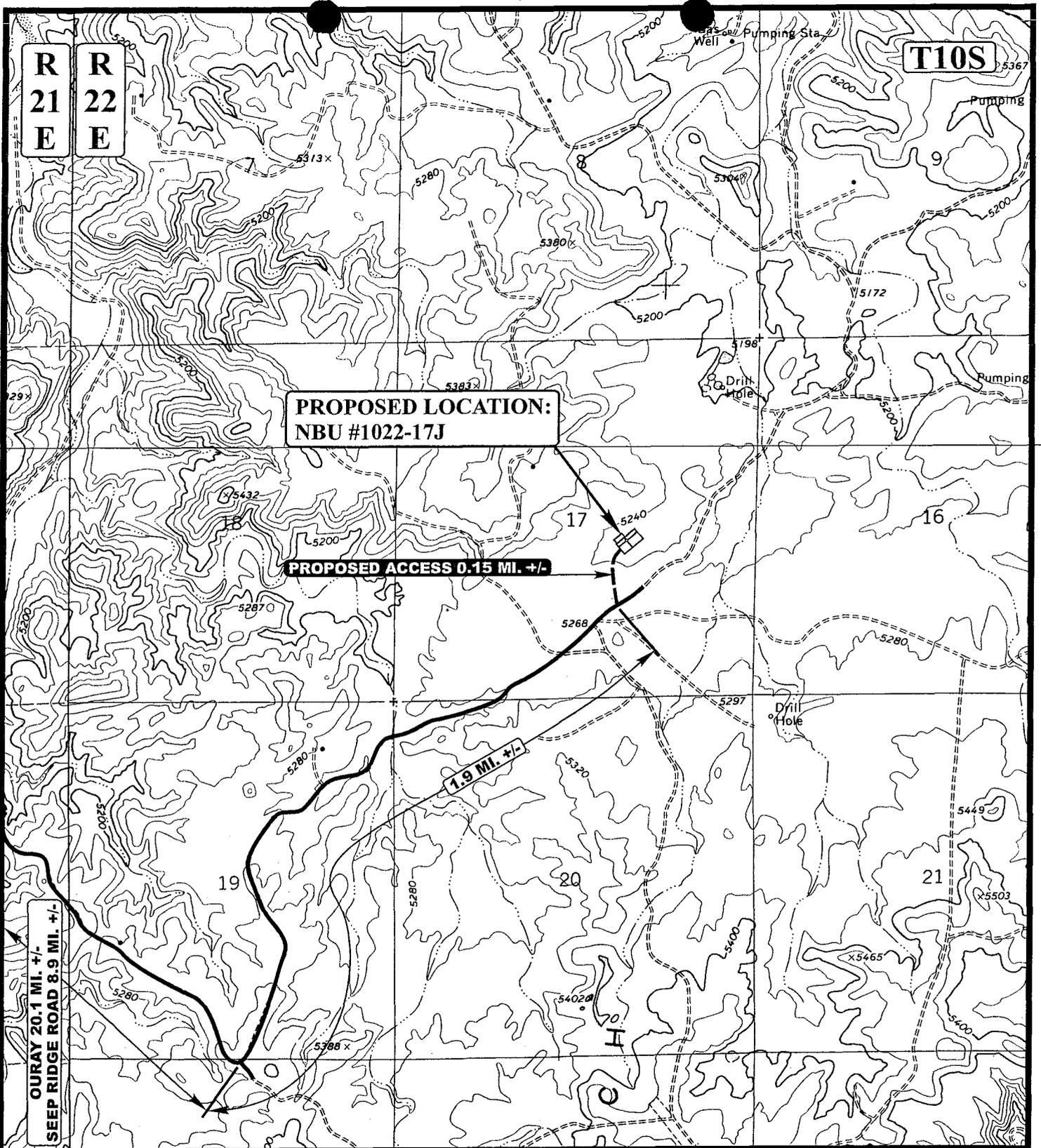


Utah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP 11 09 05
 MONTH DAY YEAR

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





LEGEND:

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD



WESTPORT OIL AND GAS COMPANY, L.P.

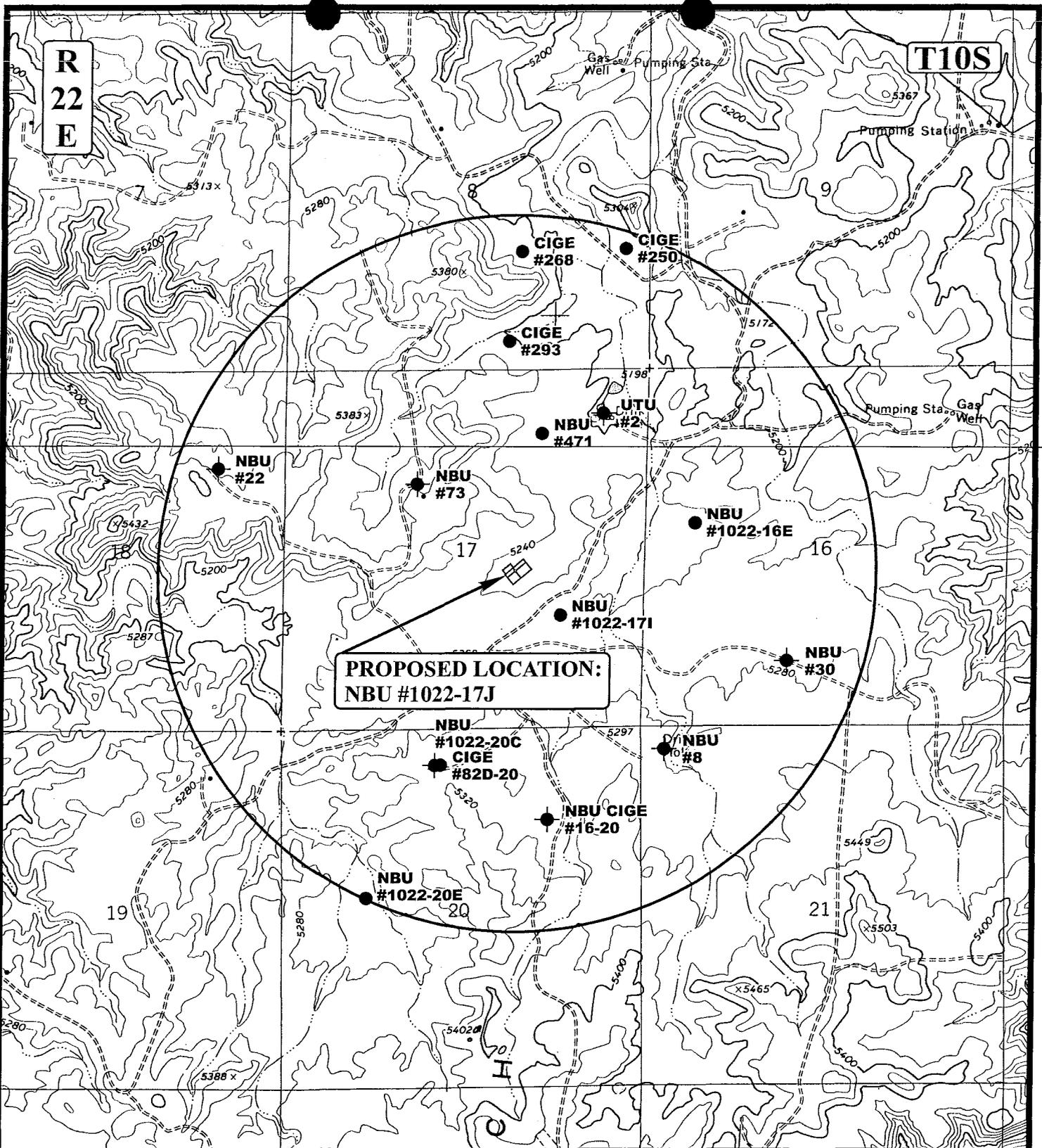
NBU #1022-17J
SECTION 17, T10S, R22E, S.L.B.&M.
2311' FSL 1900' FEL



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

TOPOGRAPHIC 11 09 05
MAP MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00





LEGEND:

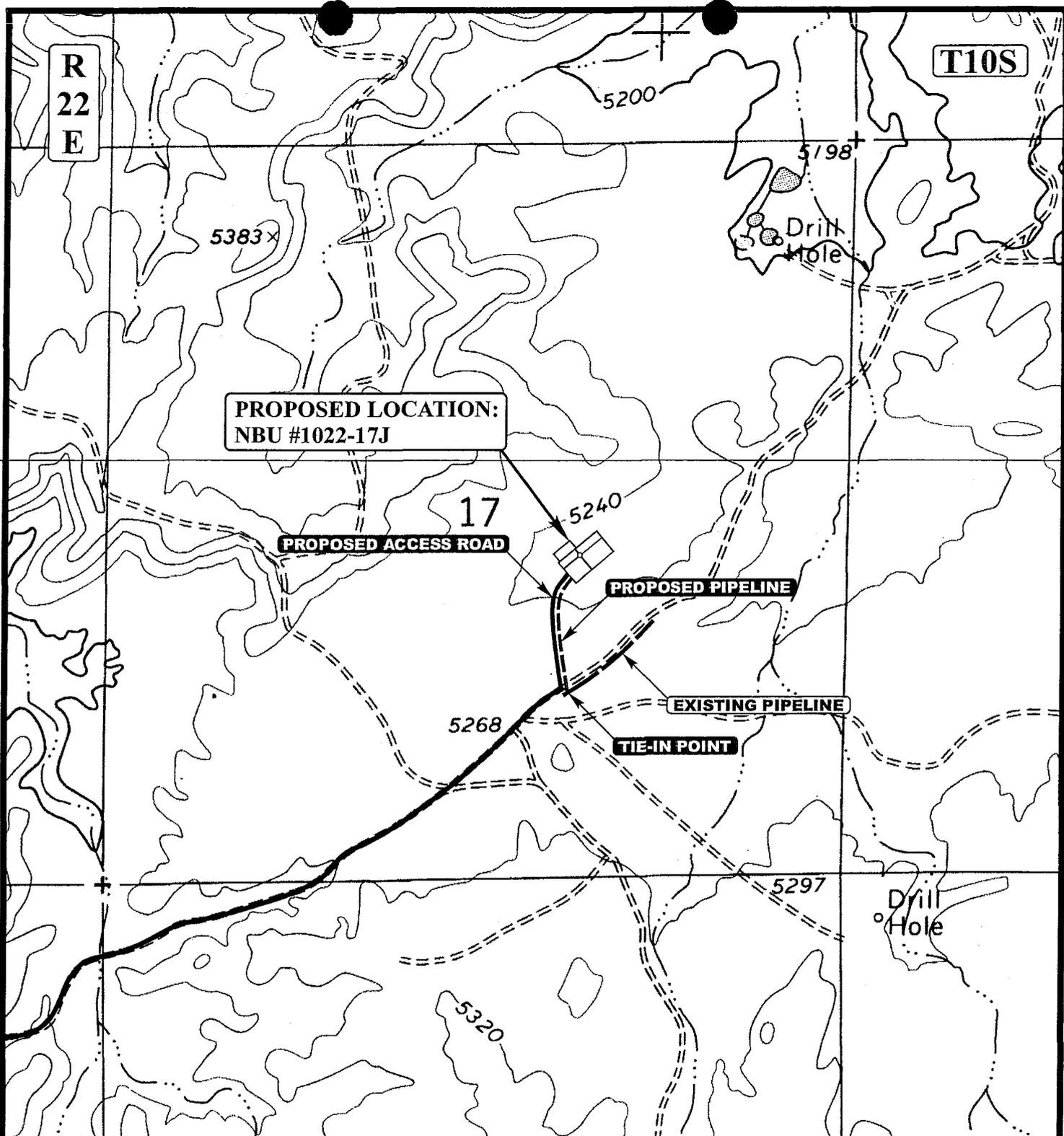
- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1022-17J
SECTION 17, T10S, R22E, S.L.B.&M.
2311' FSL 1900' FEL

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

TOPOGRAPHIC MAP **11 09 05**
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00 **C TOPO**



APPROXIMATE TOTAL PIPELINE DISTANCE = 902' +/-

LEGEND:

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE



WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1022-17J
SECTION 17, T10S, R22E, S.L.B.&M.
2311' FSL 1900' FEL



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

TOPOGRAPHIC 11 09 05
MAP MONTH DAY YEAR

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



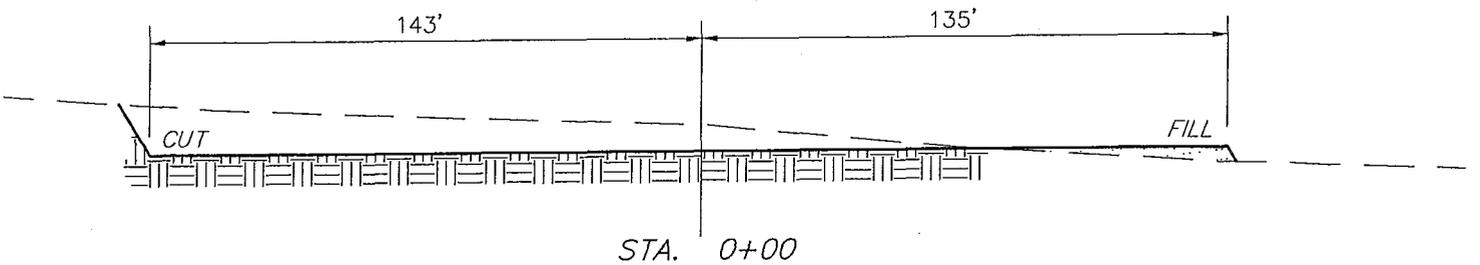
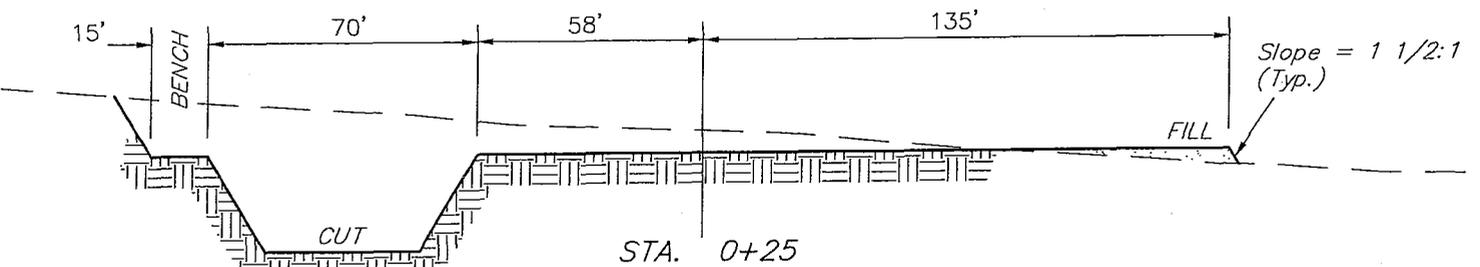
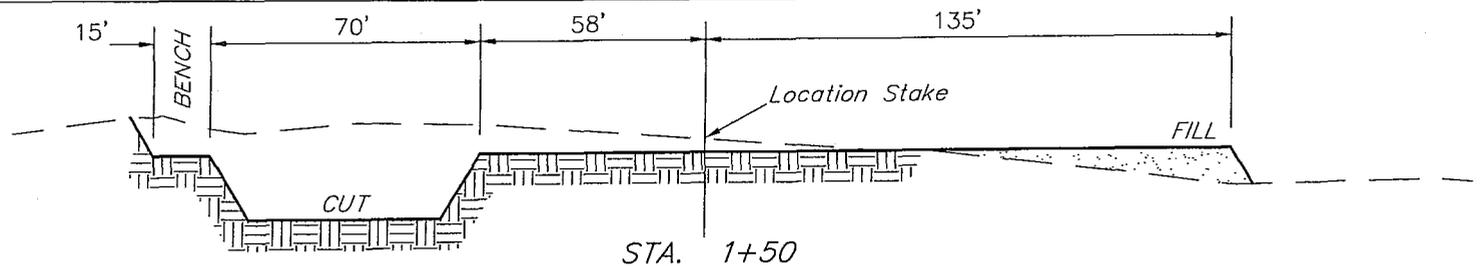
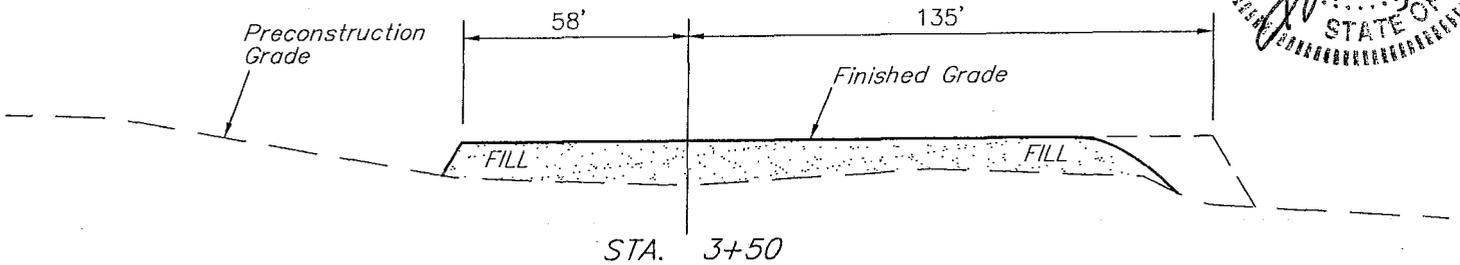
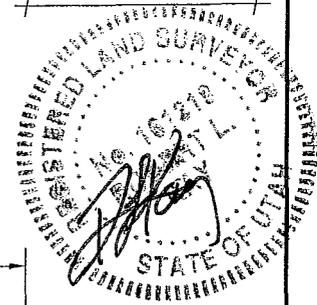
WESTPORT OIL AND GAS COMPANY, L.P.

FIGURE #2

TYPICAL CROSS SECTIONS FOR
 NBU #1022-17J
 SECTION 17, T10S, R22E, S.L.B.&M.
 2311' FSL 1900' FEL

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

DATE: 11-15-05
 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	
(6") Topsoil Stripping	= 1,690 Cu. Yds.
Remaining Location	= 6,010 Cu. Yds.
TOTAL CUT	= 7,700 CU.YDS.
FILL	= 4,620 CU.YDS.

EXCESS MATERIAL	= 3,080 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,080 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

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

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 12/20/2005

API NO. ASSIGNED: 43-047-37546

WELL NAME: NBU 1022-17J
 OPERATOR: WESTPORT OIL & GAS CO (N2115)
 CONTACT: DEBRA DOMENICI

PHONE NUMBER: 435-781-7060

PROPOSED LOCATION:

NWSE 17 100S 220E
 SURFACE: 2311 FSL 1900 FEL
 BOTTOM: 2311 FSL 1900 FEL
 UINTAH
 NATURAL BUTTES (630)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-01196-E
 SURFACE OWNER: 1 - Federal
 PROPOSED FORMATION: WSMVD
 COALBED METHANE WELL? NO

LATITUDE: 39.94791
 LONGITUDE: -109.4602

RECEIVED AND/OR REVIEWED:

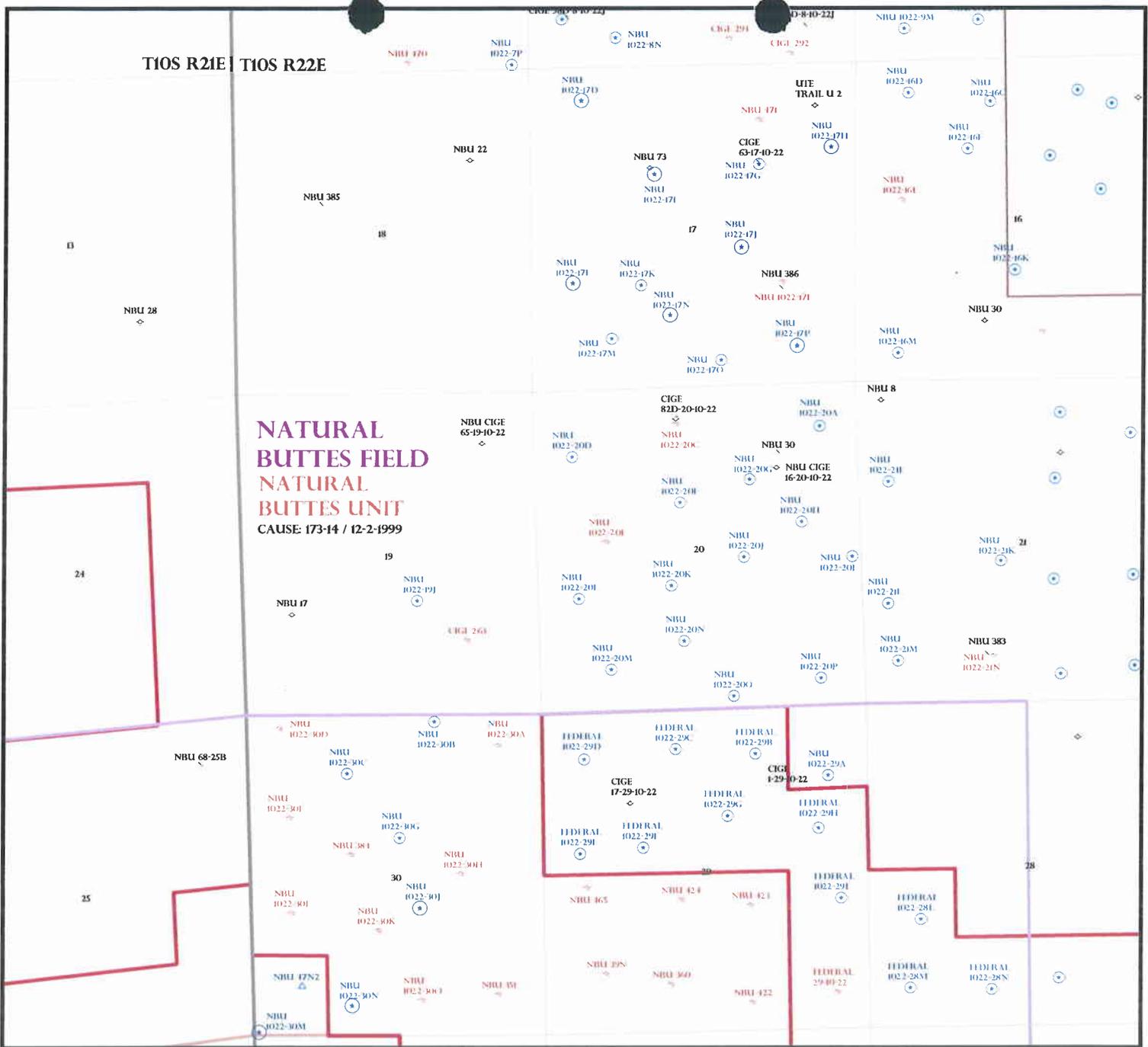
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. CO-1203)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-8496)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

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

COMMENTS: Sep, Separate file

STIPULATIONS: 1- Federal Approval
2- OIL SHALE



OPERATOR: WESTPORT O&G CO (N2115)

SEC: 17,30 T. 10S R. 22E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

CAUSE: 173-14 / 12-2-1999

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

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

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



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 22-DECEMBER-2005

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)

December 21, 2005

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2005 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 2005 within the Natural Buttes Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ Wasatch-MesaVerde)		
43-047-37542	NBU 1022-17F	Sec. 17 T. 10S R. 22E 1787 FNL 1978 FWL
43-047-37543	NBU 1022-17D	Sec. 17 T. 10S R. 22E 0563 FNL 0810 FWL
43-047-37544	NBU 1022-17H	Sec. 17 T. 10S R. 22E 1392 FNL 0430 FEL
43-047-37545	NBU 1022-17L	Sec. 17 T. 10S R. 22E 1784 FSL 0638 FWL
43-047-37546	NBU 1022-17J	Sec. 17 T. 10S R. 22E 2311 FSL 1900 FEL
43-047-37547	NBU 1022-17P	Sec. 17 T. 10S R. 22E 0664 FSL 1005 FEL
43-047-37548	NBU 1022-17N	Sec. 17 T. 10S R. 22E 1226 FSL 2218 FWL
43-047-37549	NBU 1022-18F	Sec. 18 T. 10S R. 22E 2175 FNL 1425 FWL
43-047-37550	NBU 1022-30N	Sec. 30 T. 10S R. 22E 0508 FSL 1634 FWL
43-047-37551	NBU 1022-30J	Sec. 30 T. 10S R. 22E 2111 FSL 2044 FEL
43-047-37552	NBU 1022-30M	Sec. 30 T. 10S R. 22E 0087 FSL 0098 FWL
43-047-37539	NBU 1021-27C	Sec. 27 T. 10S R. 21E 0354 FNL 1942 FWL
43-047-37538	NBU 1021-21C	Sec. 21 T. 10S R. 21E 0699 FNL 2196 FWL
43-047-37540	NBU 1021-02C	Sec. 02 T. 10S R. 21E 0474 FNL 2055 FWL

Our records indicate the 1022-30M is not within the Natural Buttes Unit Area, and the 1022-30N 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



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

December 22, 2005

Westport Oil & Gas Company
1368 S 1200 E
Vernal, UT 84078

Re: Natural Buttes Unit 1022-17J Well, 2311' FSL, 1900' FEL, NW SE, Sec. 17,
T. 10 South, R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37546.

Sincerely,

for Gil Hunt
Associate Director

pab
Enclosures

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

Operator: Westport Oil & Gas Company
Well Name & Number Natural Buttes Unit 1022-17J
API Number: 43-047-37546
Lease: UTU-01196-E

Location: NW SE Sec. 17 T. 10 South R. 22 East

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

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

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:		1/6/2006
FROM: (Old Operator): N2115-Westport Oil & Gas Co., LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024	TO: (New Operator): N2995-Kerr-McGee Oil & Gas Onshore, LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024	

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

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

DATA ENTRY:

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

BOND VERIFICATION:

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

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

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

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

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

5. Lease Serial No.
MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State
UINTAH COUNTY, UTAH

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

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

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

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

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

BLM BOND = C01203
BIA BOND = RLB0005239

APPROVED 5/16/06

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

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

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

THIS SPACE FOR FEDERAL OR STATE USE

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

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

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

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

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

5. Lease Serial No.
MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State
UINTAH COUNTY, UTAH

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

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

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

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

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

RECEIVED
 MAY 10 2006

DIV OF OIL, GAS & MINING

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

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

THIS SPACE FOR FEDERAL OR STATE USE

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

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



United States Department of the Interior

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

IN REPLY REFER TO:

CO922 (MM)
3106
COC017387 et. al.

March 23, 2006

NOTICE

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

Merger/Name Change - Recognized

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

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

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

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

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

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

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

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

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

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

Attachment:

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

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

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



United States Department of the Interior



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

IN REPLY REFER TO:
3106
(UT-922)

March 27, 2006

Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

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

Chief, Branch of
Fluid Minerals

Enclosure

Approval letter from BLM COSO (2 pp)

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

RECEIVED

MAR 28 2006

DIV. OF OIL, GAS & MINERAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Serial No.
UTU-01196-E

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
NBU 1022-17J

9. API Well No.
4304737546

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 AND GAS ONSHORE LP

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**NWSE SEC 17-T10S-R22E
2311' FSL 1900' FEL**

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 APD EXTENSION
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	DOGM
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

THE OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE DIVISION OF OIL, GAS AND MINING ON ~~DECEMBER 22, 2005~~ **NOVEMBER 22, 2005**.

Oil, Gas and Mining

RECEIVED

NOV 07 2006

DIV. OF OIL, GAS & MINING

Date: 11-07-06
By: [Signature]

COPY SENT TO OPERATOR

Date: 11-07-06

Initials: [Signature]

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

Name (Printed/Typed) RAMEY HOOPES	Title REGULATORY CLERK
Signature <u>Ramey Hoopes</u>	Date November 1, 2006

THIS SPACE FOR FEDERAL OR STATE USE

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

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

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

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

API: 4304737546
Well Name: NBU 1022-17J
Location: NWSE SEC 17-T10S-R22E
Company Permit Issued to: KERR MCGEE OIL AND GAS ONSHORE LP
Date Original Permit Issued: 12/22/2005

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

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

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

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

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

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

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

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

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

Ramsey Hooper
Signature

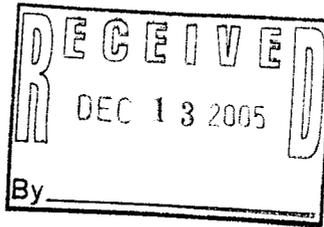
11/1/2006
Date

Title: Regulatory Clerk

Representing: Kerr McGee Oil and Gas Onshore LP

**RECEIVED
NOV 07 2006**

DIV. OF OIL, GAS & MINING



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-470	
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name	
2. Name of Operator KERR MCGEE OIL AND GAS ONSHORE LP		7. If Unit or CA Agreement, Name and No. NATURAL BUTTES	
3A. Address 1368 SOUTH 1200 EAST, VERNAL, UTAH 84078		8. Lease Name and Well No. NBU 1022-17J	
3b. Phone No. (include area code) (435) 781-7003		9. API Well No. 43-047-37546	
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NWSE 2311' FSL 1900' FEL		10. Field and Pool, or Exploratory NATURAL BUTTES	
At proposed prod. Zone		11. Sec., T., R., M., or Blk, and Survey or Area SEC 17-T10S-R22E	
14. Distance in miles and direction from nearest town or post office* 22.15 MILES SOUTHEAST OF OURAY, UTAH		12. County or Parish UINTAH	13. State UT
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1900'	16. No. of Acres in lease 560	17. Spacing Unit dedicated to this well 40	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C	19. Proposed Depth 8800'	20. BLM/BIA Bond No. on file CO-1203	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5241.1' GL	22. Approximate date work will start* UPON APPROVAL	23. Estimated duration TO BE DETERMINED	

24. Attachments

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

- 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 <i>Ramey Hoopes</i>	Name (Printed/Typed) RAMEY HOOPES	Date 4/17/2006
Title REGULATORY CLERK		
Approved by (Signature) <i>[Signature]</i>	Name (Printed/Typed) TERRY KEVETH	Date 6-7-2007
Title Assistant Field Manager Lands & Mineral Resources		
Office VERNAL FIELD OFFICE		

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

Conditions of approval, if any, are attached.

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

*(Instructions on reverse)

NOTICE OF APPROVAL
06BMO62TA

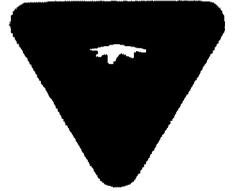
RECEIVED
CONDITIONS OF APPROVAL ATTACHED
JUN 11 2007

MOC Rec 12-05

DIV. OF OIL, GAS & MINING



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE
170 South 500 East VERNAL, UT 84078 (435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Kerr-McGee Oil & Gas Onshore, LP **Location:** NWSE, Sec. 17, T10S, R22E
Well No: NBU 1022-17J **Lease No:** UTU-470
API No: 43-047-37546 **Agreement:** Natural Buttes Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	435-781-4490	435-828-4470
Petroleum Engineer:	Michael Lee	435-781-4432	435-828-7875
Petroleum Engineer:	James Ashley	435-781-4470	435-828-7874
Petroleum Engineer:	Ryan Angus	435-781-4430	435-828-7368
Supervisory Petroleum Technician:	Jamie Sparger	435-781-4502	435-828-3913
NRS/Enviro Scientist:	Paul Buhler	435-781-4475	435-828-4029
NRS/Enviro Scientist:	Karl Wright	435-781-4484	
NRS/Enviro Scientist:	Holly Villa	435-781-4404	
NRS/Enviro Scientist:	Chuck MacDonald	435-781-4441	
NRS/Enviro Scientist:	Jannice Cutler	435-781-3400	
NRS/Enviro Scientist:	Michael Cutler	435-781-3401	
NRS/Enviro Scientist:	Anna Figueroa	435-781-3407	
NRS/Enviro Scientist:	Verlyn Pindell	435-781-3402	
NRS/Enviro Scientist:	Darren Williams	435-781-4447	
NRS/Enviro Scientist:	Nathan Packer	435-781-3405	

Fax: 435-781-4410

**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 NRS/Enviro Scientist) | - Forty-Eight (48) hours prior to construction of location and access roads. |
| Location Completion
(Notify NRS/Enviro 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 Supervisory Petroleum Technician) | - Twenty-Four (24) hours prior to running casing and cementing all casing strings. |
| BOP & Related Equipment Tests
(Notify Supervisory Petroleum Technician) | - 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)***

General Surface COAs

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

Specific Surface COAs

- During operations, if any vertebrate paleontological resources are discovered, all operations affecting such sites shall be immediately suspended, and all discoveries shall be left intact until authorized to proceed by the Authorized Officer. The appropriate Authorized Officer of the Vernal BLM office shall be notified within 48 hours of the discovery, and a decision as to the preferred alternative/course of action will be rendered.
- 4 to 6 inches of topsoil shall be stripped from the location and windrowed as shown on the cut sheet. The topsoil shall then be broadcast seeded with the recommended seed mix immediately after it has been windrowed and the seed walked into the soil with a dozer.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural contours, topsoil respread where appropriate, and the entire location seeded with the recommended seed mix. Seeding shall take place by broadcasting the seed and walking it into the soil with a dozer immediately after the dirt work is completed.

DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- A surface casing shoe integrity test shall be performed.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

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

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_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.

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
4304737015	NBU 920-26F		SENW	26	9S	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<u>B</u>	99999	<u>2900</u>	10/16/2007			<u>10/31/07</u>	
Comments: <u>MIRU PETE MARTIN BUCKET RIG. SPUD WELL LOCATION ON 10/16/2007 @ 1000 HRS.</u> <u>WSMVD</u>							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304737546	NBU 1022-17J		NWSE	17	10S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<u>B</u>	99999	<u>2900</u>	10/18/2007			<u>10/31/07</u>	
Comments: <u>MIRU PETE MARTIN BUCKET RIG. SPUD WELL LOCATION ON 10/18/2007 @ 1200 HRS.</u> <u>WSMVD</u>							

Well 3

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

ACTION CODES:

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

SHEILA UPCHEGO

Name (Please Print)

Signature

SENIOR LAND SPECIALIST

Title

10/19/2007

Date

RECEIVED

OCT 19 2007

DIV. OF OIL, GAS & MINING

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: KERR-McGEE OIL & GAS ONSHORE, LP

Well Name: NBU 1022-17J

Api No: 43-047-37546 Lease Type: FEDERAL

Section 17 Township 10S Range 22E County UINTAH

Drilling Contractor PETE MARTIN DRILLING RIG # RATHOLE

SPUDDED:

Date 10/18/07

Time 12:00 NOON

How DRY

Drilling will Commence: _____

Reported by LOU WELDON

Telephone # (435) 828-7035

Date 10/22/07 Signed CHD

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU-01196-E
2. Name of Operator KERR MCGEE OIL AND GAS ONSHORE LP		6. If Indian, Allottee or Tribe Name
3a. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078	3b. Phone No. (include area code) 435-781-7003	7. If Unit or CA/Agreement, Name and/or No. UNIT #891008900A NATURAL BUTTES UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2311'FSL-1900'FEL NWSE SEC 17-T10S-R22E		8. Well Name and No. NBU 1022-17J
		9. API Well No. 4304737546
		10. Field and Pool, or Exploratory Area NATURAL BUTTES
		11. County or Parish, State UINTAH COUNTY, UT

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

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

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 DRILLING. DRILL 20" CONDUCTOR TO 40'. RAND 14" 36.7# SCHEDULE PIPE. CMT W/28 SX READY MIX. SPUD WELL @ 1200 HRS ON 10/18/2007

RECEIVED
OCT 24 2007
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 	Date October 19, 2007

THIS SPACE FOR FEDERAL OR STATE USE

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

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

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-470

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
NBU 1022-17J

9. API Well No.
4304737546

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)
NWSE SEC. 17, T10S, R22E 2311'FSL, 1900'FEL

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 SET SURFACE CSG	
	<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 BILL MARTIN AIR RIG ON 10/21/2007. DRILLED 12 1/4" SURFACE HOLE TO 2060'. RAN 9 5/8" 50 JTS OF 32.3# H-40 AND 2 JTS OF 36# J-55 SURFACE CSG. LEAD CMT W/225 SX PREM CLASS G @15.8 PPG 1.15 YIELD. TAILED CMT W/100 SX PREM CLASS G @15.8 PPG 1.15 YIELD. NO RETURNS TO PIT. TOP OUT W/750 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 October 25, 2007

THIS SPACE FOR FEDERAL OR STATE USE

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

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

(Instructions on reverse)

RECEIVED
NOV 01 2007
DIV. OF OIL, GAS & MINING

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-470

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
NBU 1022-17J

9. API Well No.
4304737546

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)
NWSE SEC. 17, T10S, R22E 2311'FSL, 1900'FEL

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 2060' TO 8705' ON 12/14/2007. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG, LEAD CMT W/360 SX PREM LITE II @11.7 PPG 2.60 YIELD. TAILED CMT W/1200 SX 50/50 POZ @14.3 PPG 1.31 YIELD. DISPLACE W/134.5 BBLS CLAYFIX SET CSG SLIP W/90K NDBOP CUT OFF CSG. CLEAN PITS.

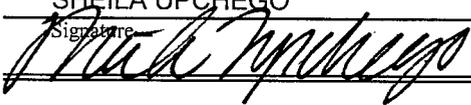
RELEASED PIONEER RIG 38 ON 12/16/2007 AT 22:00 HRS.

RECEIVED

DEC 24 2007

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 	Date December 17, 2007

THIS SPACE FOR FEDERAL OR STATE USE

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

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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Oil Well Gas Well Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

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**UNIT #891008900A
NATURAL BUTTES UNIT**

8. Well Name and No.

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NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

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TYPE OF SUBMISSION	TYPE OF ACTION			
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<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other PRODUCTION START-UP
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
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THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 01/23/2008 AT 1:30 PM.

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

SENIOR LAND ADMIN SPECIALIST

Signature



Date

January 24, 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

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(Instructions on reverse)

JAN 28 2008

DIV. OF OIL, GAS & MINING

Anadarko Petroleum Corporation
 1368 South 1200 East
 Vernal, UT 84078

CHRONOLOGICAL WELL HISTORY

NBU 1022-17J

LOCATION NWSE, SEC.17, T10S, R22E
 UINTAH COUNTY, UT

DATE	ACTIVITY	PIONEER 38	STATUS
10/12/07	LOCATION STARTED	PIONEER 38	
10/17/07	LOCATION COMPLETED	PIONEER 38	P/L IN, WOBR
10/18/07	SET CONDUCTOR	PIONEER 38	WOAR
10/21/07	SET AIR RIG	PIONEER 38	DRILLING
10/30/07	9-5/8" @2026'	PIONEER 38	WORT
12/07/07	TD: 2060' Csg. 9 5/8"@ 2026' MW: 8.4 Move rig f/ 1022-20J. RURT @ report time.		SD: 12/XX/07 DSS: 0
12/10/07	TD: 5010' Csg. 9 5/8"@ 2026' MW: 9.4 RURT. NU and test BOPE. PUDS and drill FE. Rotary spud @ 1000 hrs 12/8/07. Drill from 2060'-5010'. DA @ report time.		SD: 12/8/07 DSS: 2
12/11/07	TD: 6265' Csg. 9 5/8"@ 2026' MW: 10.2 Drill from 5010'-6265'. DA @ report time.		SD: 12/8/07 DSS: 3
12/12/07	TD: 6930' Csg. 9 5/8"@ 2026' MW: 10.7 Drill from 6265'-6930'. DA @ report time.		SD: 12/8/07 DSS: 4
12/13/07	TD: 7187' Csg. 9 5/8"@ 2026' MW: 11.0 Drill from 6930'-7124'. TFBN. Drill to 7187'. DA @ report time.		SD: 12/8/07 DSS: 5
12/14/07	TD: 8108' Csg. 9 5/8"@ 2026' MW: 11.5 Drill from 7187'-8108'. DA @ report time.		SD: 12/8/07 DSS: 6
12/17/07	TD: 8705' Csg. 9 5/8"@ 2026' MW: 11.8 Drill from 8108'-8705' TD. Short trip and LDDS. Run Triple Combo. Run and cement 4 1/2" Production casing. BJ pump failed and had to circulate out lead cement with rig pump. CCH and reload cement. Cement casing and release rig @ 2200 hrs 12/16/07. RDRT.		SD: 12/8/07 DSS: 9
01/15/08	PREP TO FRAC Days on Location: 1		

Operation Details: MOVE IN 26 FRAC TANKS. FILLED EACH W/ 450 BBLS WTR. HEATED FRAC TKS TO 80*. ND TREE, NU FRAC VALVE TESTED FRAC VALVE @ CSG TO 7500#. HELD. READY FOR FRAC TOMORROW AM.

01/16/08

FRAC STAGES 1-6

Days on Location: 2

Operation Details: STG 1: MIRU CUTTER WLS. FRAC VALVE FROZEN. THAW OUT VALVE. RIH W/ PERF GUNS & PERF MV @ 8227-8223 & 8323-27 USING 3 3/8" EXP GUN, 23 GM, .36" HOLE, 90* PHAS, 4 SPF, 40 HOLES. WHP 460#, RU BJ, PT SURF LINES TO 8500#. BRK DN PERF @ 3662# @ 3.7 BPM, ISIP 3055#, FG 0.81, PMPD 143 BBLS 15% HCL AHEAD OF INJ. CALC ALL PERFS OPEN. ISIP 2778#, FG 0.78, NBP 277, MP 4980#, MR 54.5 BPM, AP 4825#, AR 53.8 BPM. PMPD 1488 BBLS SLKWTR, & 52381# 30/50 SAND.

STG 2: RIH W/ BAKER 8K CBP & PERF GUNS, SET CBP @ 7884', PERF THE M.V. @ 7704' - 7707' & 7759' - 7764', 3-SPF, PERF 7849' - 7854' , 4-SPF, USING 3-3/8" EXP GUNS, 23 GM, 0.36 HOLE 90* PHS, 44 HOLES, WHP 375 #. BRK DN PERF 4724 # @ 50.8 B/M, ISIP 3409#, F.G. 0.88, CALC ALL PERF OPEN. PMPD 2909 BBL SLK WTR & 109320 # SAND, ISIP 2635 #, F.G. 0.78, NPI - 774, MP 4120 #, MR 50.8 B/M, AP 4008 #, AR 50.7 B/M.

STG 3: RIH IH W/ BAKER 8K CBP & PERF GUNS, SET CBP @ 7884', PERF THE M.V. @ 7704' - 7707' & 256', PERF THE M.V. @ 7071 - 7073' W/ 3 - SPF, 7127' - 7129' W/ 4 SPF, 7188' - 7192' W/ 3-SPF AND 7222' - 7226' W/ 4 - SPF, USING 3-3/8" EXP GUN, 23 GM, 0.36 HOLE, 90* PHS, 42 HOLES, WHP 205#, CALC ALL PERF OPEN, PMPD 1913 BBLS SLK WTR AND 71306 # 30/50 SAND. NPI= 601, MP = 3700#, MR = 49.4 B/M, AP = 3594 #, AR = 48.7 B/M.

STG 4: RIH W/ BAKER 8K CBP & PERF GUNS, SET CBP @ 6880', PERF THE DARK CANYON @ 6780' - 6786', 6827' 6830' AND 6843' - 6848', USING 3-3/8" EXP GUN, 23GM, 0.36 HOLE, 90* PHS, 3- SPF , 42 HOLES' WHP 300 #, BRK DN PERF 3215 # 3.8 B/M, ISIP 1324 #, F.G. 0.64, CALC 67 % PERF OPEN, PMPD 2090 BBLS SLK WTR & 78301 # 30/50 SAND, ISIP 2448 #, F.G = 0.78, NPI = 1124, MP = 3625#, MR = 51.1 B/M, AP = 3359#, AR = 50.6 B/M.

STG 5: RIH W/ BAKER 8K CBP & PERF GUNS, SET CBP @ 6256', PREF THE WASATCH AT 6135' - 6138' AND 6219' - 6226', USING 3-1/8" H.S.C. GUN, 12GM, 0.34 HOLE, 90* PHS, 4- SPF , 40 HOLE. WHP 70 # BRK DN PERF @ 2054 # @ 3 B/M, ISIP 1472 #, F.G. = 0.68, CALC 66% PERF OPEN PMPD 780 BBLS SLK WTR, & 26626 # 30/50 SAND, ISIP 2086 #, F.G. = 0.78, NPI = 614, MP = 3625 #, MR = 51.1 B/M, AP = 3359 #, AR = 50.6 B/M.

STG 6: RIH W/ BAKER 8K CBP & PERF GUNS, SET CBP @ 5126', PERF THE WASATCH AT 5136' - 5146', USING 3- 1/8" H.S.C. GUN, 12 GM, 0.34 HOLE, 90* PHS, 4 - SPF, 40 HOLES, WHP = 105#, BRK DN PERF @ 2756# @ 3 B/M, ISIP 1148 # , F.G. = 0.67, CALC ALL PERF OPEN. PMPD 1479 BBLS SL WTR & 55417 # 30/50 # SAND, ISIP = 1703 #, F. G. = 0.78 NPI = 555, MP = 2755 3, MR = 51.5 B/M, AP = 2638 #, AR = 51.1 B/M.

KILL PLUG = RIH W/ BAKE 8K CBP SET @ 5024'. POOH R/D BJ & CUTTERS. TOTAL 30/50 SAND 393,801#, TOTAL FLUID 10,659 BBLS.

01/17/08

MI LEED #733 TO D/O PLUGS & C/O.

Days on Location: 3

Operation Details: JSA #3. MIRU LEED RIG 733, N/D FRAC VALVE, N/U BOP'S, R/U FLOOR AND TBG EQUIP. TALLY 2-3/8" J-55 TBG. PICK UP AND RUN IN HOLE W/ 3-7/8" BIT, POBS 1- JT TBG, XN-NIPPLE, TIH W/ 2-3/8" TBG TO @ 2860' , PULLED OUT HOLE 3 STAND'S TO DROP FLUID LEVEL, SWIFN.

01/18/07

DRILL CBP'S AND LAD TBG

Days on Location: 4

Operation Details: HSM. JSA #2. NO PRESSURE ON WELL, PICK UP 2-3/8" TBG, TIH TAG CBP #1 AT 5024'. (DRLG CBP #1) 5024', DRILL OUT BAKER 8K CBP IN 5 MIN. 50 # DIFF. RIH TAG SAND @ 5157' C/O 23' SAND FCP 50#. (DRLG CBP # 2) 5180', DRILL OUT BAKER 8K CBP IN 10 MIN. -25 @ DIFF. RIH TAG SD @ 6200', C/O 56' SD. FCP = 25 # (DRLG CBP # 3) 6256 P # 3) 6256', DRILL OUT BAKER 8K CBP IN 45 MIN. 75 # DIFF. RIH TAG CBP @6880 BP @ 6880', NO SAND. (DRLG CBP # 4) 6880', DRILL OUT BAKER 8K CBP IN 10 MIN. 25 # DIFF. RIH TAG SAND @ 7228', C/O 32' SD, FCP = 100 # (DRLG CBP # 5) 7260', DRILL OUT BAKER 8K VBP IN 10 MIN. 0 # DIFF. RIH TAG SD @ 7840', C/O @ 40' SD. FCP = 100#. (DRLG CBP # 6) 7880' DRILL OUT BAKER 8K CBP IN 10 MIN. 50 # DIFF. RIH TAG SD. @ 8567', C/O 33' SD TO PBTB @ 8600',

CIRC WELL CLEAN RD/ POWER SWIVEL, POOH LD 27 JT ON FLOAT, LANDED TBG ON HANGER W/ 246 JTS, EOT 7752.37'. RD FLOOR & TBG EQUIP. ND/BOP, NU,WH. FCP = 250 #, DROP BALL DN TBG, PUMP OFF THE BIT @ 1600 #, WAIT 30 MIN FOR BIT TO FALL TO BTM. OPEN WELL UP TO FBT ON 20/64 CHOKE. FTP = 900 # SICP = 1100 #,AT 8:30 PM. TURN WELL OVER TO FBC W/ 9519 BBLs WTR/LTR.
EOT = 7752.37'. XN-NIPPLE = 7720.93'.
AVG. 15 MIN/PLUG. C/O 177' SAND.

- 01/19/08 **FLOWBACK REPORT:** CP 1100#, TP 1100#, CK 20/64", 55 BWPH, LOAD REC'D 3385 BBLs, REMAINING LTR 7924 BBLs
- 01/20/08 **FLOWBACK REPORT:** CP 1200#, TP 1100#, CK 20/64", 35 BWPH, LOAD REC'D 1015 BBLs, REMAINING LTR 6909 BBLs
- 01/21/08 **RDMO**
Days on Location: 5
Operation Details: RD SERVICE UNIT. MOVE OFF LOCATION.
- FLOWBACK REPORT:** CP 1200#, TP 1000#, CK 20/64", 30 BWPH, LOAD REC'D 795 BBLs, REMAINING LTR 6114 BBLs
- 01/22/08 **FLOWBACK REPORT:** CP 1800#, TP 1000#, CK 20/64", 23 BWPH, LOAD REC'D 639 BBLs, REMAINING LTR 5475 BBLs
- 01/23/08 **WENT ON SALES:** @ 01:30 PM, 845 MCF, 1153 TBG, 2387 CSG, 16/64 CK, 30 BBWH
- 01/24/08 **ON SALES:** 360 MCF, 0 BC, 720 BW, TP: 1218#, CP: 2356#, 16/64 CHK, 9 HRS, LP: 215#.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU-470

6. If Indian, Allottee or Tribe Name

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

8. Lease Name and Well No.
NBU 1022-17J

9. API Well No.
4304737546

10. Field and Pool, or Exploratory
NATURAL BUTTES

11. Sec., T., R., M., or Block and Survey or Area
SEC. 17, T10S, R22E

12. County or Parish
UINTAH

13. State
UTAH

17. Elevations (DF, RKB, RT, GL)*
5241'GL

1a. Type of Well Oil Well Gas Dry Other

b. Type of Completion: New Work Over Deepen Plug Back Diff. Resvr.
Other _____

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

4. Location of Well (Report locations clearly and in accordance with Federal requirements)*
At surface **NW/SE 2311'FSL, 1900'FEL**
At top prod. interval reported below
At total depth

14. Date Spudded
10/18/07

15. Date T.D. Reached
12/14/07

16. Date Completed D & A Ready to Prod.
01/23/08

18. Total Depth: MD **8705'** TVD
19. Plug Back T.D.: MD **8600'** TVD
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL-CCL-GR SD, DSN, ACTR, BCS

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

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"	32.3# 36#		2060'		1075 SX			
7 7/8"	4 1/2"	11.6#		8705'		1560 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"	7752'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WASATCH	5136'	6226'	5136'-6226'	0.34	80	OPEN
B) DARK CANYON	6780'	6848'	6780'-6848'	0.36	42	OPEN
C) MESAVERDE	7071'	8327'	7071'-8327'	0.36	126	OPEN
D)						

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

Depth Interval	Amount and type of Material
5136'-6226'	PMP 2259 BBLs SLICK H2O & 82,043# 30/50 SD
6780'-6848'	PMP 2090 BBLs SLICK H2O & 78,301# 30/50 SD
7071'-8327'	PMP 6310 BBLs SLICK H2O & 233,457# 30/50 SD

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
01/23/08	01/25/08	20	→	0	586	800			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. 1578# SI	Csg. Press. 2287#	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
16/64			→	0	586	800			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
01/23/08	01/25/08	20	→	0	586	800			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. 1578# SI	Csg. Press. 2287#	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
16/64			→	0	586	800			PRODUCING GAS WELL

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

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FEB 25 2008
DIV. OF OIL, GAS & MINING

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
01/23/08	01/25/08	20	→	0	586	800			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. 1578#	Csg. Press. 2287#	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
16/64	SI		→	0	586	800		PRODUCING GAS WELL	

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
WASATCH MESAVERDE	4260' 6757'	6757'			

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
- 5. 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 SENIOR LAND ADMIN SPECIALIST
 Signature  Date 02/19/08

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 Oil Well Gas Well Other

2. Name of Operator
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3a. Address
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3b. Phone No. (include area code)
(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NWSE SEC. 17, T10S, R22E 2311'FSL, 1900'FEL

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

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

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

THE OPERATOR REQUESTS AUTHORIZATION TO PERFORM A WATER SHUT OFF AND SQUEEZE THE SUBJECT WELL LOCATION.

PLEASE REFER TO THE ATTCHED WATER SHUT OFF PROCEDURE.

COPY SENT TO OPERATOR

Date: 6.10.2008

Initials: KS

**RECEIVED
MAY 19 2008**

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

Name (Printed/Typed)
SHEILA UPCHEGO

Title
SENIOR LAND ADMIN SPECIALIST

DIV. OF OIL, GAS & MINING

Signature
(Handwritten Signature)

Date
May 15, 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.

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

Federal Approval Of This
Action Is Necessary

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

By: *(Handwritten Signature)*

NBU 1022-17J WATER SHUT-OFF PROCEDURE

- 1) MIRU. N/D WH. N/U BOPE.
- 2) RELEASE PACKER SET AT 5203'. P/U TO 5100' AND CIRCULATE WELL CLEAN. RESET PACKER AT 5100'.
- 3) PRESSURE TEST CASING DOWN BACKSIDE TO 2000 PSI (AT SURFACE) FOR 10 MINUTES. RELEASE PACKER AND POOH TOP KILLING WELL AS NECESSARY. L/D PACKER.
- 4) N/U WL LUBRICATOR AND RIH WITH GAUGE RING TO 5250'. POOH.
- 5) P/U 4-1/2" CBP AND RIH ON WL. SET CBP AT 5200'. POOH.
- 6) ESTABLISH INJECTION RATE DOWN CASING. DISCUSS WITH ENGINEERING BEST CEMENTING OPTION AND VOLUME.
- 7) RIH WITH TUBING TO 5160' AND DISPLACE BALANCED PLUG. P/U TUBING OUT OF CEMENT AND SQUEEZE CEMENT INTO PERFORATIONS AT 5136-5146'. POOH WITH TUBING. WOC.
- 8) P/U D-O ASSEMBLY WITH BIT AND POBS. RIH AND D-O CEMENT TO 5180'. PRESSURE TEST CASING TO 1000 PSI FOR 10 MINUTES. D-O REST OF CEMENT AND CBP AT 5200'.
- 9) C-O WELL TO 8653'. P/U TUBING AND LAND SAME AT ~6950'. PUMP-OFF BIT AND SUB. SHUT-IN FOR 30 MINUTES TO ALLOW BIT TO FALL TO BOTTOM.
- 10) N/D BOPE. N/U WH. RDMO AND RTP. SWAB WELL IN IF NECESSARY.

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-470

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
NBU 1022-17J

9. API Well No.
4304737546

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)
NWSE SEC. 17, T10S, R22E 2311'FSL, 1900'FEL

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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Disposal
	<input checked="" type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input type="checkbox"/> Other _____

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.

ON 05/15/2008 THE OPERATOR PERFORMED A WATER SHUT-OFF ON THE SUBJECT WELL LOCATION. THE OPERATOR SQUEEZED AND SET CMT PERFORATIONS AT 5136'-5146'. THE OPERATOR PLACE THE SUBJECT WELL LOCATION ON 05/27/2008.

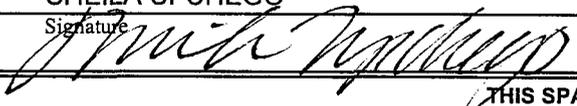
PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

RECEIVED

JUN 23 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 	Date June 19, 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.

WINS No.: 95413

NBU 1022-17J

Start Date: 5/15/2008

AFE No.: 88006613

Operation Summary Report

End Date: 5/27/2008

Operator KERR-MCGEE OIL & GAS ONSHORE LP		FIELD NAME NATURAL BUTTES	SPUD DATE 10/18/07	GL 5,241	KB 5257	ROUTE
API 4304737546	STATE UTAH	COUNTY UINTAH	DIVISION ROCKIES			
Lat./Long.: Lat./Long.: 39.94808 / -109.46100		Q-Q/Sect/Town/Range: NWSE / 17 / 10S / 22E		Footages: 2,311.00' FSL 1,900.00' FEL		
MTD 8506	TVD 8502	LOG MD	PBMD 8600	PBTVD		

EVENT INFORMATION: EVENT ACTIVITY: WORKOVER / REPAIR REASON: WATER SHUT OFF
 OBJECTIVE: SECONDARY DATE WELL STARTED/RESUMED:
 OBJECTIVE2: CEMENT SQUEEZE Event End Status: COMPLETE

RIG OPERATIONS: Begin Mobilization Rig On Location Rig Charges Rig Operation Start Finish Drilling Rig Release Rig Off Location
 DOUBLE HOOK / UNK 05/15/2008 05/27/2008 05/27/2008

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
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5/15/2008
 SUPERVISOR: CLAUD SIMS
 7:00 - 7:30 0.50 MAINT 48 P JSA-SAFETY MEETING # 1, DAY #1
 7:30 - 15:00 7.50 MAINT 30 P ROAD RIG FROM NBU 1022-11F, SPOTED RIG & EQUIP ON LOC, TO WINDY TO RIG UP, WELL ON SALE'S, SDFN

5/16/2008
 SUPERVISOR: CLAUD SIMS
 7:00 - 7:30 0.50 MAINT 48 P JSA-SAFETY MEETING #2 DAY #2
 7:30 - 14:00 6.50 MAINT 31 I P RIG UP SERVICE UNIT, 400 # TBG, 150# CSG, BLEED DN TO TK, PUMP 20 BBL DN TBG, NDWH, NU / BOPS RU/ FLOOR & TBG EQUIP. STRIP HANGER OUT, PICK ON UP ON TBG RELEASE PACKER, LAY DN 3 JTS 2-3/8" TBG, TRY TO RESET PACKER, TOO H W/ 2-3/8" TBG W/ TOP KILLING WELL ON THE WAY OUT, LAY DN PACKER, TOO H LAY DN XN-NIPPLE. RU/ CASEHOLE SOLUTIONS WIRELINE, RIH W/ GAUGE RING TO 5250', RIH W/ BAKER 8K CBP, SET CBP @ 5200', RD/ WIRLINE. 900# ON CSG, BLOWED DN TO PIT W/ PRESSURE STAYING @ 250#, SHUT WELL IN , SDFWE

5/19/2008
 SUPERVISOR: FRANK WINN
 7:00 - 19:00 12.00 WO/REP 30 P HSM. SICP 500. BLOW DOWN CSG TO 380 PSI. PUMP 40 BBL 2% DOWN CSG. RIH W/ N.C., 1.87" XN-NIPPLE ON 117-JTS 2-3/8" J-55 TBG, EOT 3684'. NALCO FORGOT PARRIFIN DISPERSANT, AOL 11:30. TBG HAD LIGHT BLOW. START TO PUMP HOT 2% DOWN TBG, PLUGGED OFF. HOOK UP HARDLINE TO TBG AND PRESSURE TO 5000 PSI TO GET PLUG MOVING. PRESSURE DOWN TO 1000 PSI. PUMP GASKETS BLEW OUT DUE TO HOT WTR AND PRESSURE. REPAIR PUMP. CONT PUMP DOWN TBG TO GET PRESSURE TO 0. POUR 25 GAL NALCO DISPERSANT DOWN TBG, FLUSH W/ 10 BBL AT .5 BPM THEN 20 BBL AT 3.5 BPM. POOH W/ 117 JTS. RIH W/ 49 JTS 2-3/8" EUE, EOT 1551'. POUR 15 GAL PARRIFIN DISPERSANT DOWN TBG AND FLUSH W/ HOT 2%-10 BBL .5 BPM THEN 10 BBL AT 3.5 BPM. POOH W/ 49-JTS. RIH W/ LAST 48-JTS 2-3/8" TBG. POUR 15 GAL PARRIFIN DISPERSANT DOWN TBG. FLUSH W/ HOT 2%- 10 BBL AT .5 BPM (PRESSURE TO 3000 PSI) THEN 40 BBL AT 3.5 BPM. POOH W/ 48-JTS 2-3/8" TBG. SDFN.

5/20/2008
 SUPERVISOR: FRANK WINN

EVENT INFORMATION: EVENT ACTIVITY: WORKOVER / REPAIR REASON: WATER SHUT OFF
 OBJECTIVE: SECONDARY DATE WELL STARTED/RESUMED: 10/18/2007
 OBJECTIVE2: CEMENT SQUEEZE Event End Status: COMPLETE

RIG OPERATIONS: Begin Mobilization Rig On Location Rig Charges Rig Operation Start Finish Drilling Rig Release Rig Off Location
 DOUBLE HOOK / UNK 05/15/2008 05/27/2008 05/27/2008

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
	7:00 - 15:30	8.50	WO/REP	30		P	HSM. SICP 0. MU AND RIH W/ 4-1/2" CICR (MECH SETTING TOOL) ON 160-JTS 2-3/8" J-55 TBG. SET CICR AT 5034'. P-TEST TBG TO 3000 PSI. GOOD. P-TEST CSG TO 2000 PSI. GOOD. EST INJ RATE OF 3 BPM AT 800 PSI W/ RIG PUMP. ISIP 0. MIRU BIG 4 CMT. PUMP 20 BBLS FRESH AT 3 BPM 750 PSI. PUMP 100 SX 15.8# G CMT W/ 2% CAL CHLOR. PUMP 100 SX 15.8# NEAT G CMT. DISPLACE W/ 12 BBLS FRESH. ABLE TO GET WALKING SQUEEZE TO 2000 PSI. SHUT DOWN AND WAIT 3 MIN. BUMP PRESSURE FROM 1700 TO 2100 PSI. SHUT DOWN. WAIT 4 MIN. BUMP PRESSURE FROM 1950 TO 2100 PSI. UNSTING FROM CICR. REVERSE CLEAN W/ 30 BBLS. RETURNED 8.5 BBLS CMT. 20.5 BBLS HOT CMT AND 10.4 BBLS NEAT CMT OUT PERFS. POOH AS LD 4-JTS AND SB 156-JTS. LD SETTING TOOL. MU 3-7/8" BIT AND BIT SUB. RIH W/ 136 JTS 2-3/8" J-55 TBG. SDFN W/ EOT AT 4283'.

5/21/2008
 SUPERVISOR: FRANK WINN

7:00 - 15:00	8.00	WO/REP	30		P	HSM. SITP 0, SICP 0. RIH W/ 24-JTS 2-3/8" J-55. RU PWR SWIVEL W/ JT #160. EST REV CIRC. D/O 2' CMT TO CICR SET AT 5034'. D/O CICR IN 2:20 HRS. D/O TO 5069'. CMT STILL SOFT. HAVE NOSE CONE OF CICR STILL TO DRILL. CIRC CLEAN. SHUT KELLY VALVE AND PU 30'. PRESSURE WELLBORE UP TO 1000 PSI AND SHUT IN. EOT AT 5037'.
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5/22/2008
 SUPERVISOR: FRANK WINN

7:00 - 15:00	8.00	WO/REP	30		P	HSM. SIP- 900. BLEED OFF PRESSURE. RUN BACK IN W/ 1-JT TBG AND EST REV CIRC. D/O CMT FROM 5069' TO 5153' (FELL OUT OF CMT) W/ 164 JTS IN. CIRC CLEAN. P-TEST SQ PERFS 5136-46' TO 1000 PSI. LOST 50 PSI IN 15-MIN. HANG SWIVEL AND POOH AS S/B 164-JTS. LD BIT AN DBIT SUB. MU AND RIH W/ 3-7/8" BIT (RR), POBS, 1.87" XN NIPPLE ON 70-JTS 2-3/8" J-55 TBG. MIRU FOAM UNIT TO ROLL HOLE DRY W/ EOT AT 2208". FOAM UNIT BROKE DOWN. SDFN
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5/23/2008
 SUPERVISOR: FRANK WINN

7:00 - 17:30	10.50	WO/REP	30		P	HSM. SITP 0, SICP 0. RU FOAM UNIT AND UNLOAD HOLE AT 2208'. CONT RIH W/ TBG. RU PWR SWIVEL W/ #164. UNLOAD HOLE AND C/O FILL FROM 5147' TO CBP AT 5300' W/ 166 JTS IN. D/O CBP IN 4-MIN, 100 PSI INCREASE. CIRC CLEAN. CONTROL TBG W/ 10 BBLS. HANG PWR SWIVEL. PULL TO STRING FLOAT. RIH W/ 48-JTS, MEAS AND PU 35-JTS. TAG SCALE AT 7862' W/ 249-JTS IN. PU PWR SWIVEL AND START FOAM DOWN TBG. C/O SCATTERED SCALE AND SAND TO 8350' W/ 265-JTS IN. SAND BECAME FIRM AND SLOWER TO C/O. C/O TO 8441' W/ 267-JTS IN. CIRC CLEAN. CONTROL TBG W/ 10 BBLS. HANG PWR SWIVEL AND POOH W/ 48-JTS 2-3/8" TBG. SDFN W/ EOT AT 6898'.
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5/27/2008
 SUPERVISOR: FRANK WINN

Wins No.: 95413

NBU 1022-17J

API No.: 4304737546

EVENT INFORMATION: EVENT ACTIVITY: WORKOVER / REPAIR
OBJECTIVE: SECONDARY
OBJECTIVE2: CEMENT SQUEEZE

REASON: WATER SHUT OFF
DATE WELL STARTED/RESUMED:
Event End Status: COMPLETE

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

DOUBLE HOOK / UNK 05/15/2008 05/27/2008 05/27/2008

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
	7:00 - 16:30	9.50	WO/REP	30		P	<p>HSM. SITP 1400, SICP 1400. ATTEMPT TO PUMP DOWN TBG. PRESSURED UP. BLOW TBG DOWN. RUN BACK IN HOLE FROM 6898' DOWN TO TAG FILL AT 8403' W/ 266-JTS IN. RU PWR SWIVEL. START FOAM DOWN TBG. PRESSURE TO 1700 PSI W/ FOAM. START PRESSURE UP W/ FLUID. UNPLUG TBG AND ABLE TO GO BACK TO FOAM. UNLOAD HOLE AND EST CIRC. C/O FILL FROM 8403' BACK DOWN TO 8441' (WHERE LEFT FILL). CONT TO C/O FILL TO TAG OLD POBS AT 8551' (224' RATHOLE). CIRC CLEAN 1-HR. PUMP 10 BBLS DOWN TBG. RD PWR SWIVEL. POOH AS LD 5-JTS TO STRING FLOAT. DROP BALL AND PUMP 17 BBLS AND PRES TO 1700 PSI TO RE;EASE BIT SUB W/ EOT AT 8408'. CONT POOH AS LD 46-JTS 2-3/8" TBG. PU 4" 10K HANGER. LUB IN AND LAND 220-JTS 2-3/8" J-55 TBG W/ EOT AT 6938.74'. PUMP 10 BBLS DOWN TBG. RUN 1.90" BROACH TO EOT ON SANDLINE. GOOD. RD SANDLINE. PUMP 10 BBLS DOWN TBG. RD FLOOR. ND BOP. NU WH. RDSU.</p> <p>TBG DETAIL KB 16.00 LTR 20 BBLS 4" 10K HANGER .83 220-JTS 2-3/8" J-55 6919.71 POBS W/ 1.87" XN NIPPLE 2.20 EOT 6938.74</p>