

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

001

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No.  
U-1196-B

6. If Indian, Allottee or Tribe Name

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

Natural Buttes Unit

8. Lease Name and Well No.

NBU #1022-9E

9. API Well No.

43-047-35093

10. Field and Pool, or Exploratory

Natural Buttes

11. Sec., T., R., M., or Blk, and Survey or Area

SEC 9-T10S-R22E

1a. Type of Work:  DRILL

REENTER

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

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

3A. Address  
P.O. Box 1148 Vernal, UT 84078

3b. Phone No. (include area code)  
(435) 781-7060

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)  
At surface SWNW 1634' FNL 257' FWL 4424934Y 39.96613  
At proposed prod. Zone 632136X -109.45285

14. Distance in miles and direction from nearest town or post office\*  
34.7 Miles Southeast of Ouray, UT

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)  
257'

16. No. of Acres in lease  
320

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  
8500'

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

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
5115' GL

22. Approximate date work will start\*  
Upon Approval

23. Estimated duration  
To Be Determined

24. Attachments

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

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

25. Signature *Debra Domenici* Name (Printed/Typed) DEBRA DOMENICI Date 7/16/2003

Title ADMINISTRATIVE ASSISTANT

Approved by (Signature) *Bradley G. Hill* Name (Printed/Typed) BRADLEY G. HILL Date 07-22-03

Title ENVIRONMENTAL SCIENTIST III

Federal Approval of this Action is Necessary

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

Conditions of approval, if any, are attached.

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

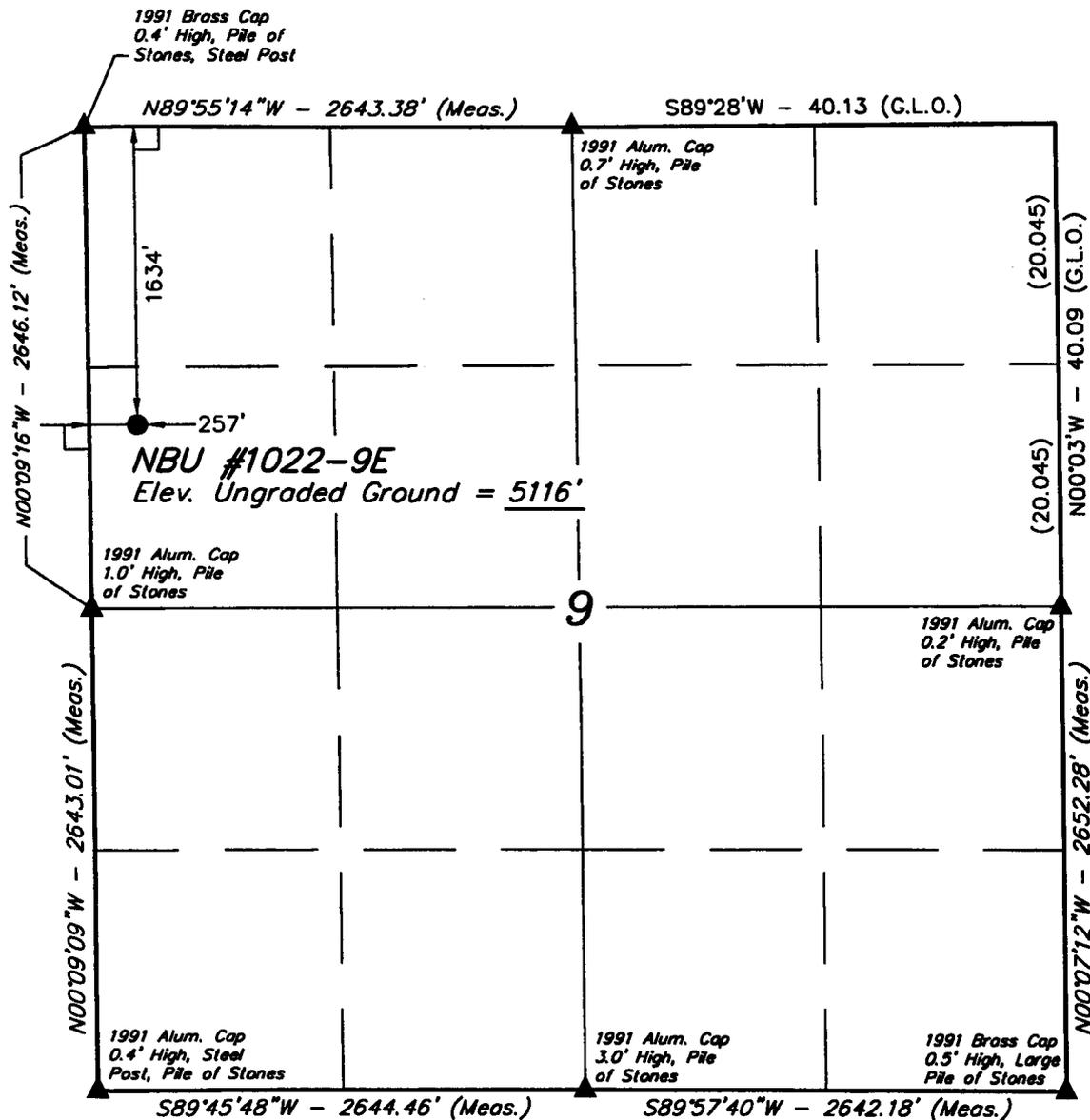
\*(Instructions on reverse)

RECEIVED

JUL 21 2003

DIV. OF OIL, GAS & MINING

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



## WESTPORT OIL AND GAS COMPANY, L.P.

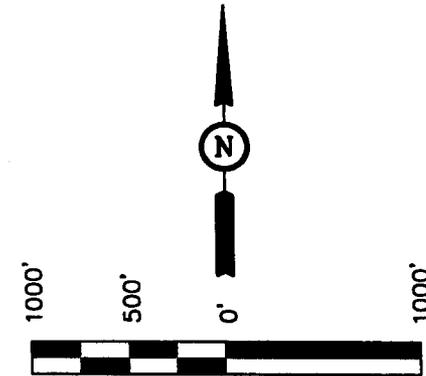
Well location, NBU #1022-9E, located as shown in the SW 1/4 NW 1/4 of Section 9, T10S, R22E, S.L.B.&M. Uintah County, Utah.

### 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, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.

### 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.

*Robert L. Key*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

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

### LEGEND:

└─┘ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

(NAD 83)  
LATITUDE = 39°57'58.52" (39.966256)  
LONGITUDE = 109°27'11.94" (109.453317)

SCALE 1" = 1000'	DATE SURVEYED: 06-10-03	DATE DRAWN: 06-12-03
PARTY D.A. L.K. D.COX	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE WESTPORT OIL AND GAS COMPANY, L.P.	

**NBU #1022-9E  
SW/NW Sec. 9, T10S,R22E  
UINTAH COUNTY, UTAH  
U-1196-B**

**ONSHORE ORDER NO. 1**

***DRILLING PROGRAM***

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

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	1155'
Wasatch	4305'
Mesaverde	6795'
TD	8500'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1155'
Gas	Wasatch	4305'
Gas	Mesaverde	6795'
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 8500' TD, approximately equals 3400 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1530 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.*

NBU #1022-9E  
SWNW ~~NE/SE~~ Sec. 9, T10S, R22E  
UINTAH COUNTY, UTAH  
U-1196-B

ONSHORE ORDER NO. 1

***MULTI-POINT SURFACE USE & OPERATIONS PLAN***

An onsite inspection was conducted for the NBU #1022-9E on 7/9/03, 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 200' of new access road is proposed. 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 400' of pipeline is proposed. Refer to Topo Map D for the location of the proposed pipeline.

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

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

*Please see the Natural Buttes 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 12 mil reserve pit liner with felt will be required.

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.*

The following seed mixture will be used to reclaim the surface. 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:

Black Sage	1 lbs.
Shade Scale	4 lbs.
Kochia	3 lbs.
Needle and Thread Grass	4 lbs.

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 will be submitted when the report becomes available.

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

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

Debra Domenici  
Administrative Assistant  
Westport O&G Co.  
P.O. Box 1148  
Vernal, UT 84078  
(435) 781-7060

Randy Bayne  
Drilling Manager  
Westport O&G Co.  
P.O. Box 1148  
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

7/17/2003  
Date

**WESTPORT OIL & GAS COMPANY, L.P.**  
**NBU #1022-9E**  
**SECTION 9, 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 ALONG 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 8.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; PROCEED IN A NORTHEASTERLY, THEN NORTHERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY, THEN NORTHERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE WEST; FOLLOW ROAD FLAGS IN AN WESTERLY, THEN NORTHERLY DIRECTION APPROXIMATELY 200' TO THE PROPOSED LOCATION.**

**TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 54.4 MILES.**

# WESTPORT OIL & GAS COMPANY, L.P.

NBU #1022-9E  
LOCATED IN UINTAH COUNTY, UTAH  
SECTION 9, T10S, R22E, S.L.B.&M.

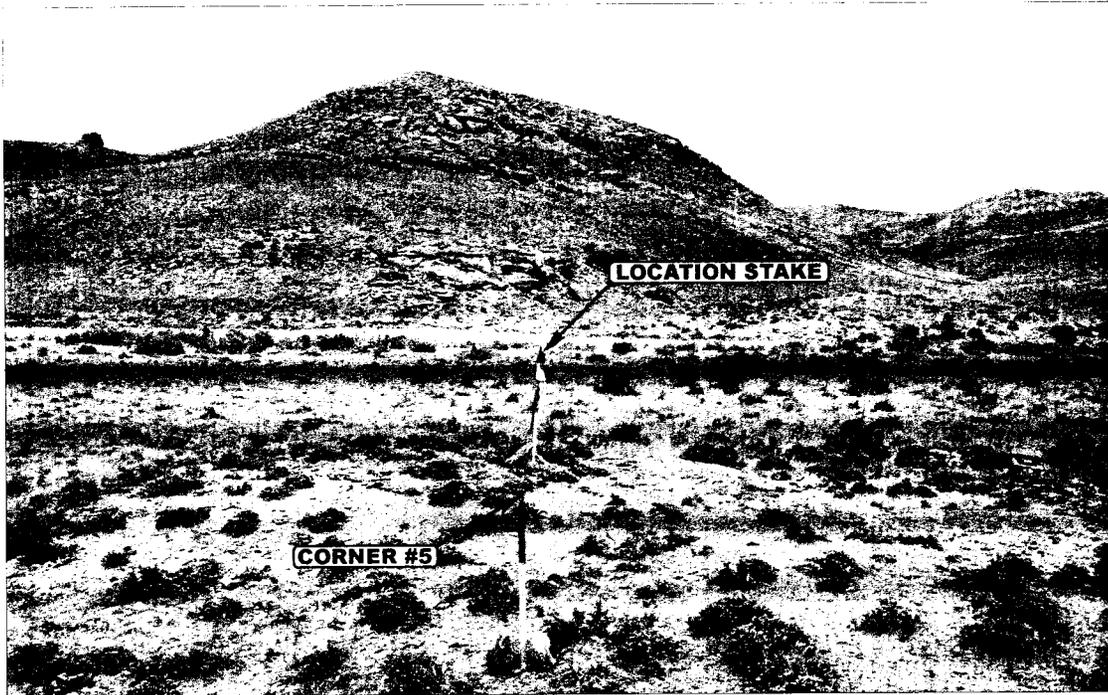


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: EASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: WESTERLY



- Since 1964 -

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

LOCATION PHOTOS

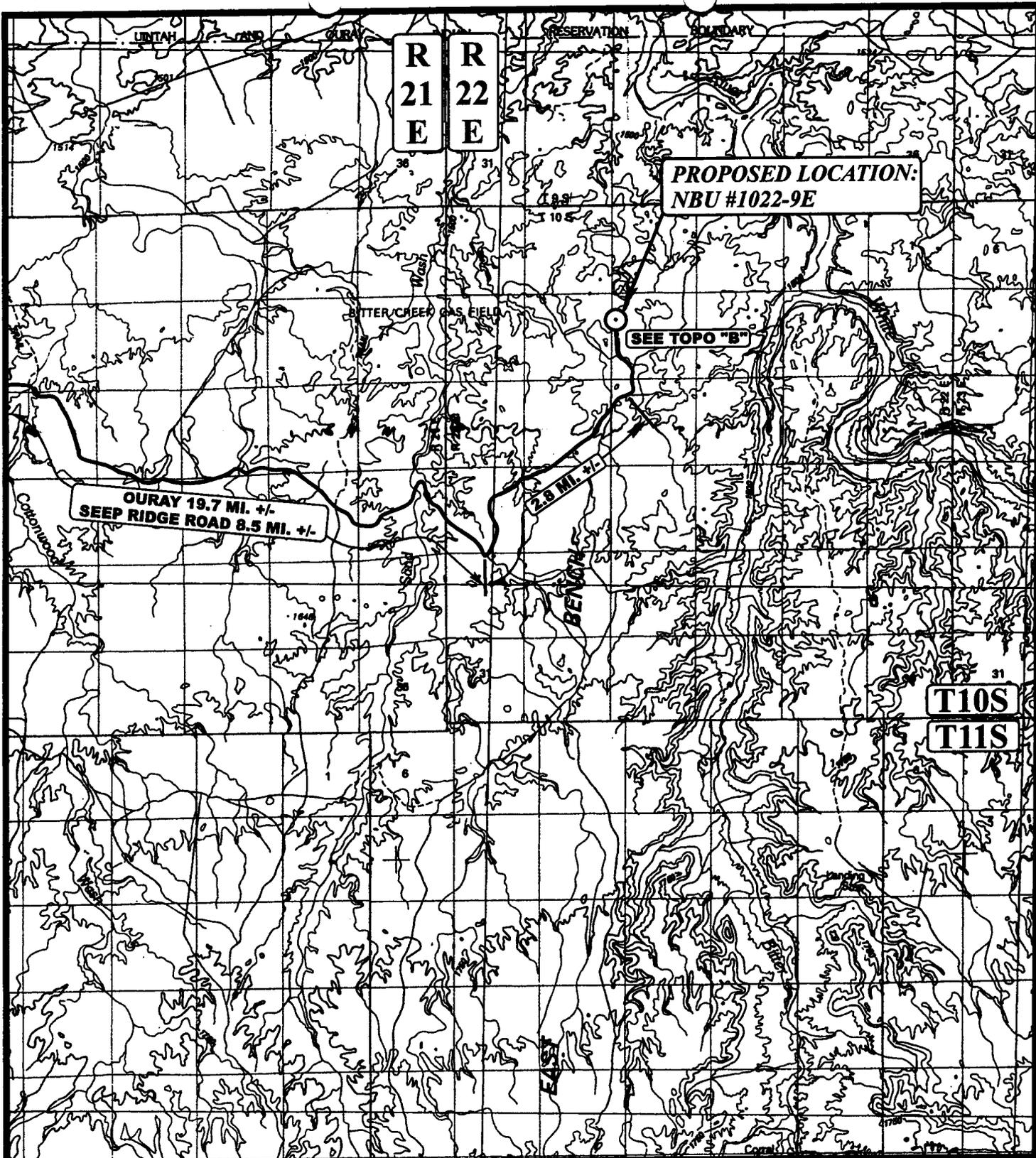
6 11 03  
MONTH DAY YEAR

PHOTO

TAKEN BY: D.A.

DRAWN BY: K.G.

REVISED: 00-00-00



**LEGEND:**

⊙ PROPOSED LOCATION



**WESTPORT OIL & GAS COMPANY, L.P.**

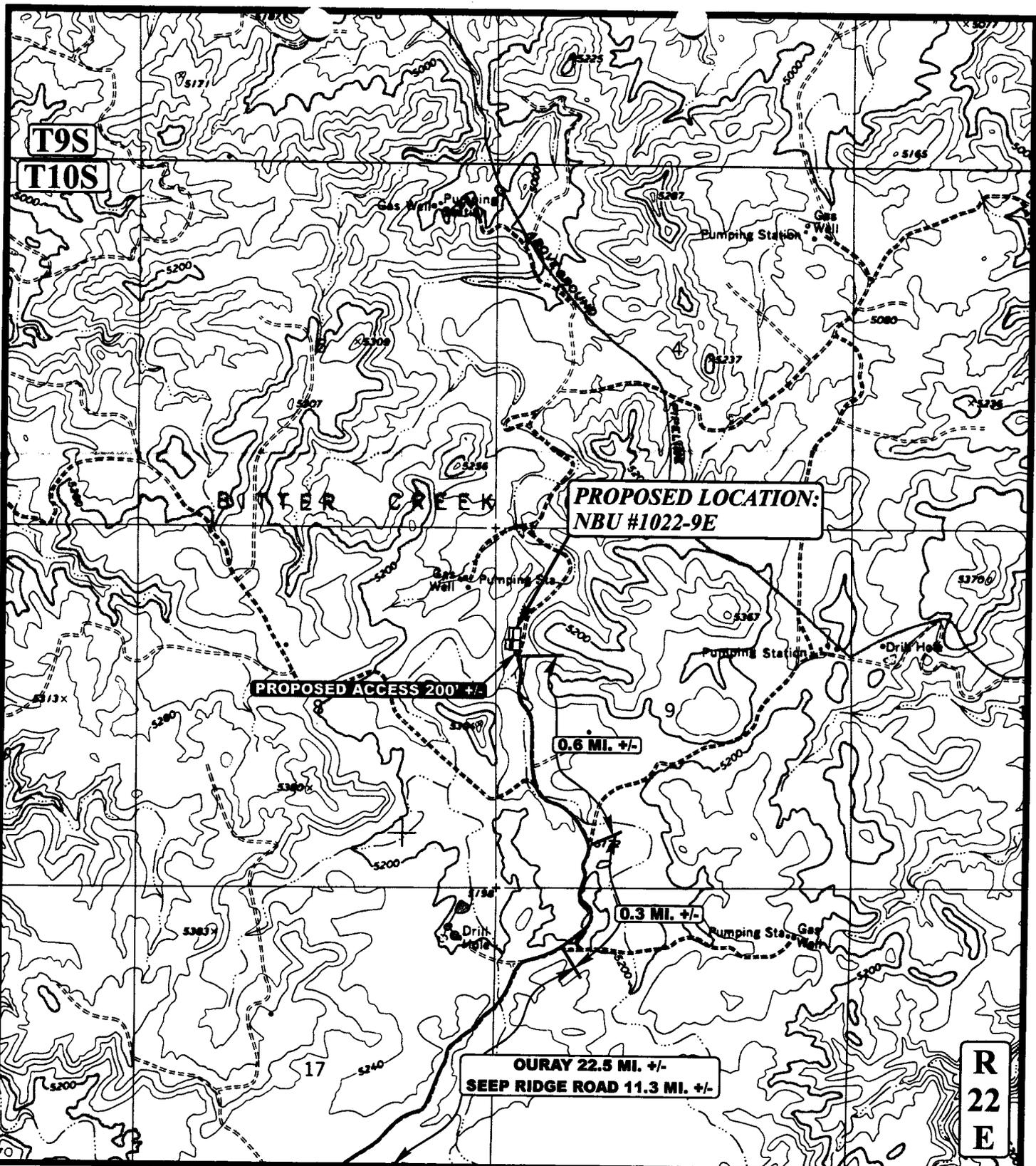
NBU #1022-9E  
SECTION 9, T10S, R22E, S.L.B.&M.  
1634' FNL 257' FWL



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

TOPOGRAPHIC MAP  
6 MONTH 11 DAY 03 YEAR  
SCALE: 1:100,000 | DRAWN BY: K.G. | REVISED: 00-00-00





**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING ROAD

**WESTPORT OIL & GAS COMPANY, L.P.**

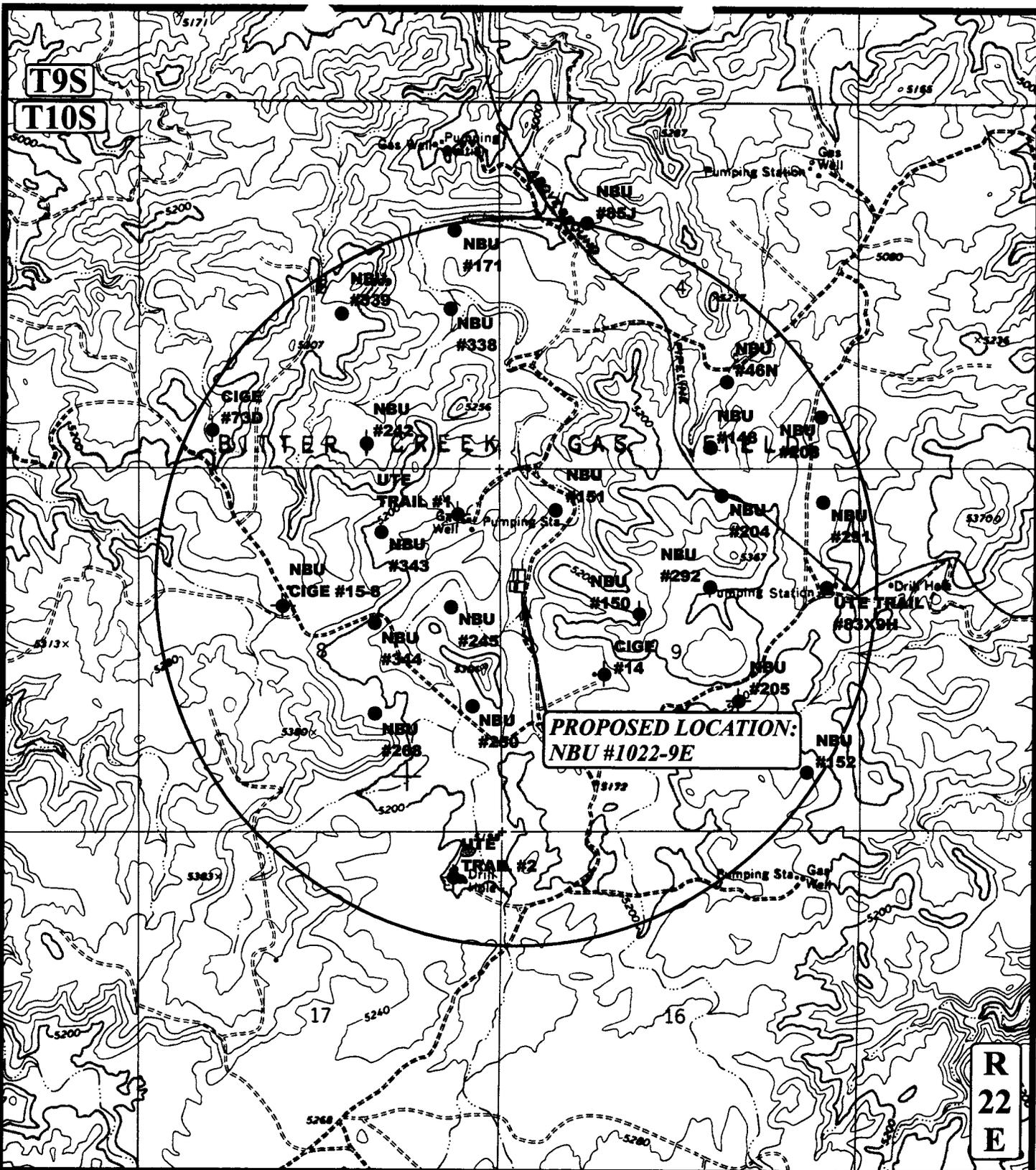
**NBU #1022-9E**  
**SECTION 9, T10S, R22E, S.L.B.&M.**  
**1634' FNL 257' FWL**



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



<b>TOPOGRAPHIC MAP</b>	<b>6</b>	<b>11</b>	<b>03</b>	<b>B TOPO</b>
	MONTH	DAY	YEAR	
SCALE: 1" = 2000'		DRAWN BY: K.G.		REVISED: 00-00-00



**LEGEND:**

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

**WESTPORT OIL & GAS COMPANY, L.P.**

**NBU #1022-9E**  
**SECTION 9, T10S, R22E, S.L.B.&M.**  
**1634' FNL 257' FWL**



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

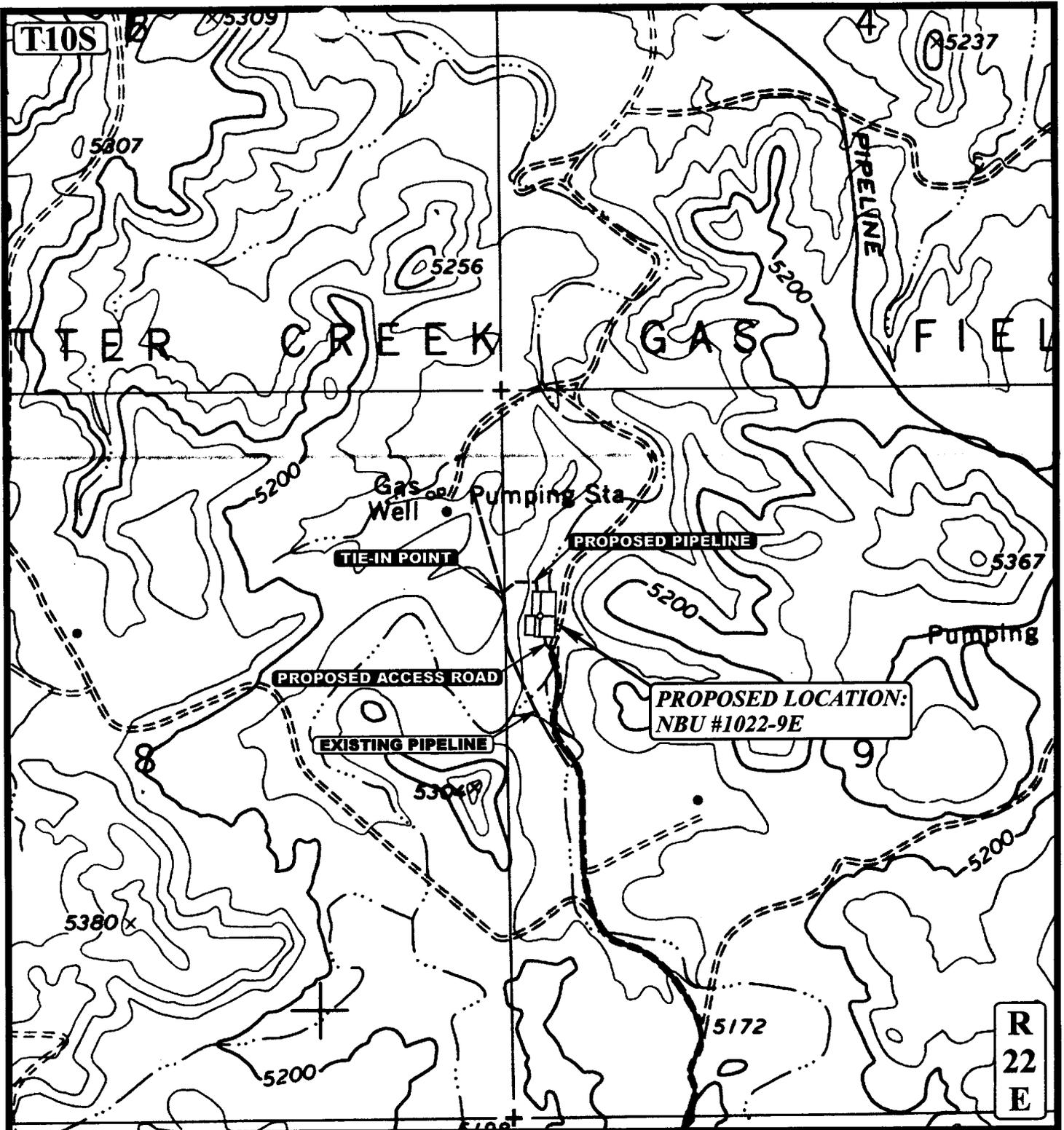


**TOPOGRAPHIC**  
**MAP**

**6** MONTH  
**11** DAY  
**03** YEAR

SCALE: 1" = 2000' DRAWN BY: K.G. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 400' +/-

**LEGEND:**

-  EXISTING PIPELINE
-  PROPOSED PIPELINE
-  PROPOSED ACCESS

N



**WESTPORT OIL & GAS COMPANY, L.P.**

NBU #1022-9E  
 SECTION 9, T10S, R22E, S.L.B.&M.  
 1634' FNL 257' FWL



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

**TOPOGRAPHIC** **6 11 03**  
 MAP MONTH DAY YEAR  
 SCALE: 1" = 1000' DRAWN BY: K.G. REVISED: 00-00-00

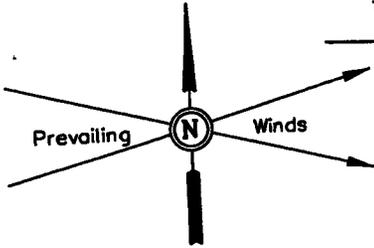


# WESTPORT OIL AND GAS COMPANY, L.P.

## LOCATION LAYOUT FOR

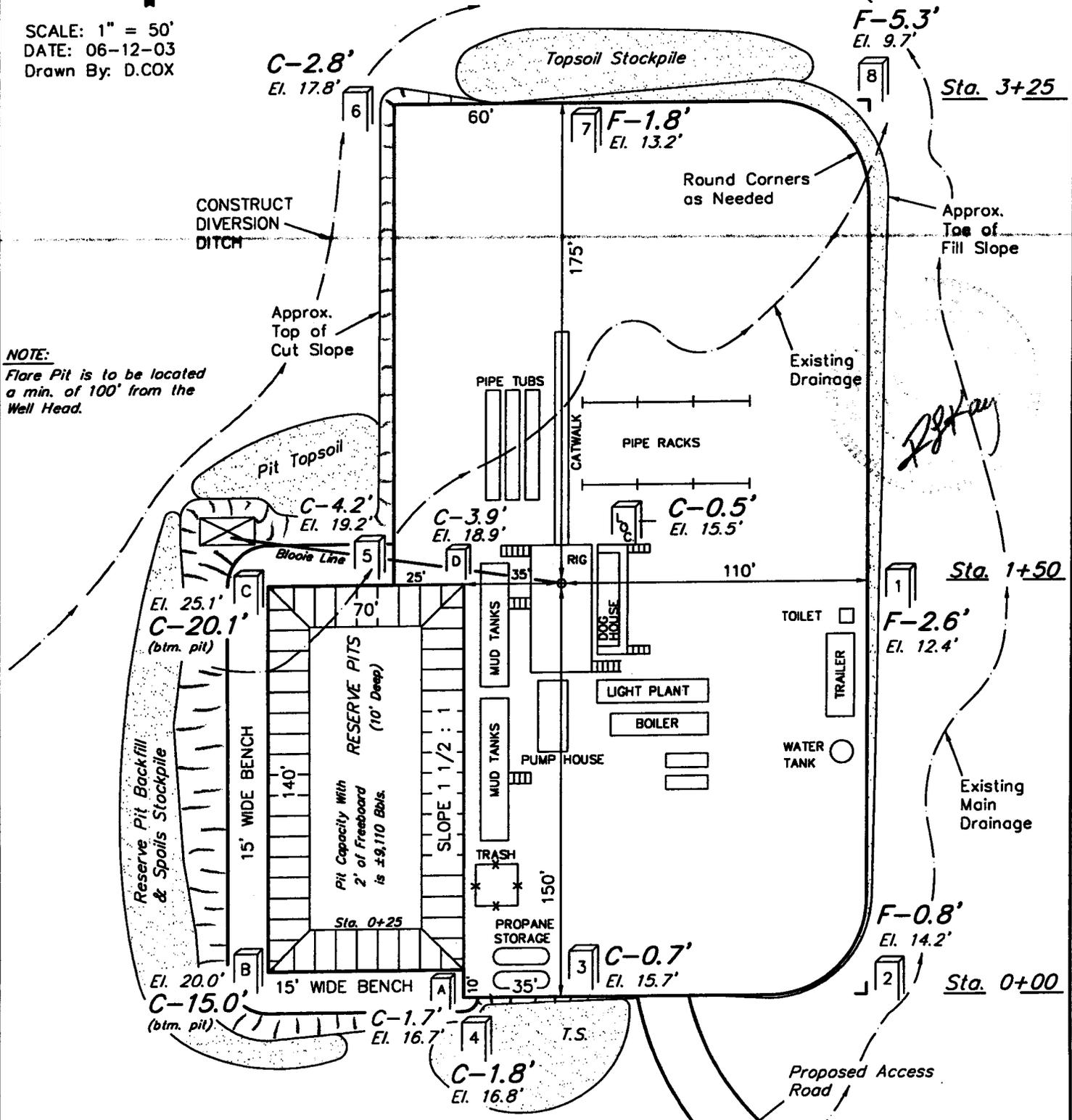
NBU #1022-9E  
SECTION 9, T10S, R22E, S.L.B.&M.  
1634' FNL 257' FWL

FIGURE #1



SCALE: 1" = 50'  
DATE: 06-12-03  
Drawn By: D.COX

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



**NOTES:**

Elev. Ungraded Ground At Loc. Stake = 5115.5'  
FINISHED GRADE ELEV. AT LOC. STAKE = 5115.0'

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

WESTPORT OIL AND GAS COMPANY, L.P.

TYPICAL CROSS SECTIONS FOR

NBU #1022-9E

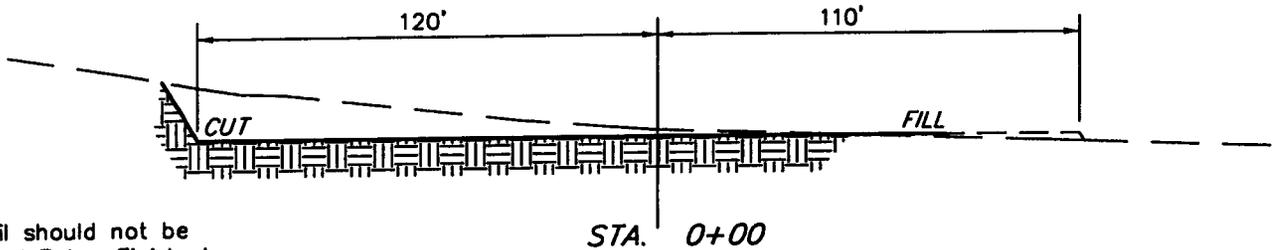
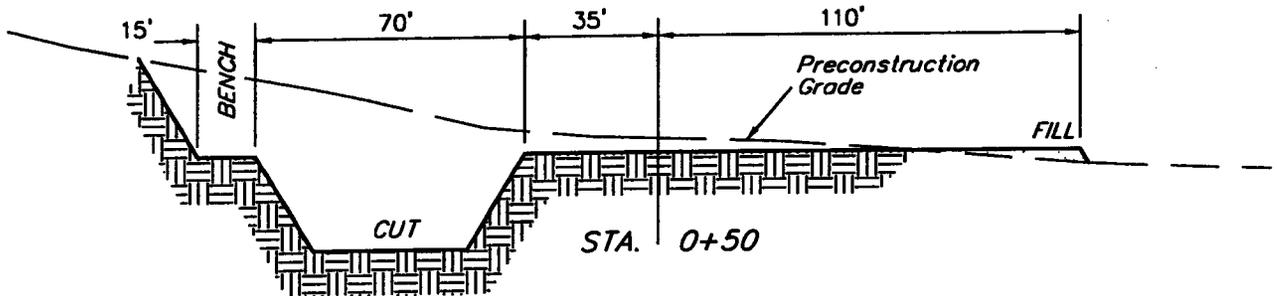
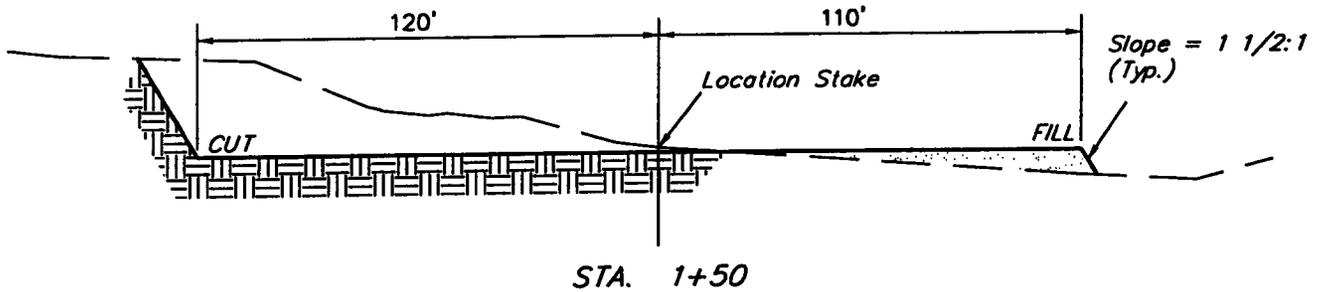
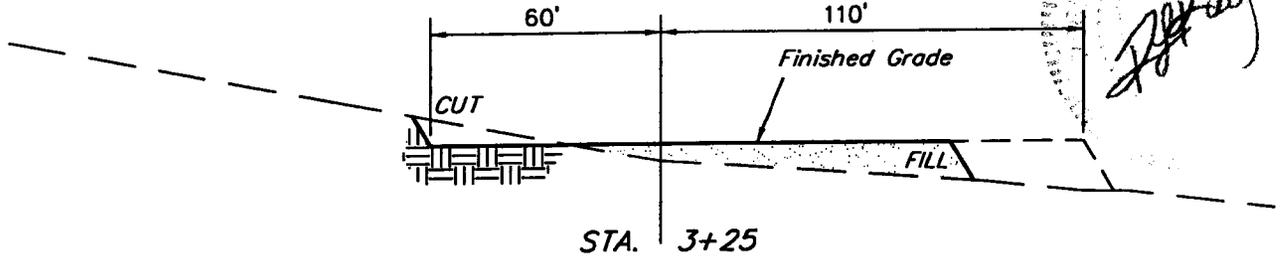
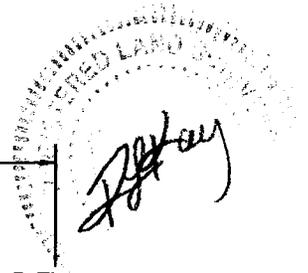
SECTION 9, T10S, R22E, S.L.B.&M.

1634' FNL 257' FWL

FIGURE #2

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

DATE: 06-12-03  
Drawn By: D.COX



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

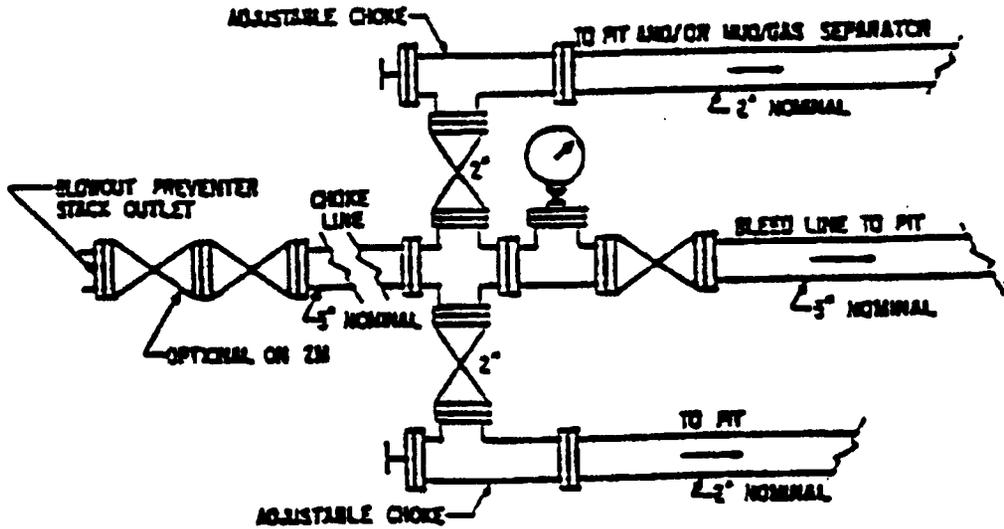
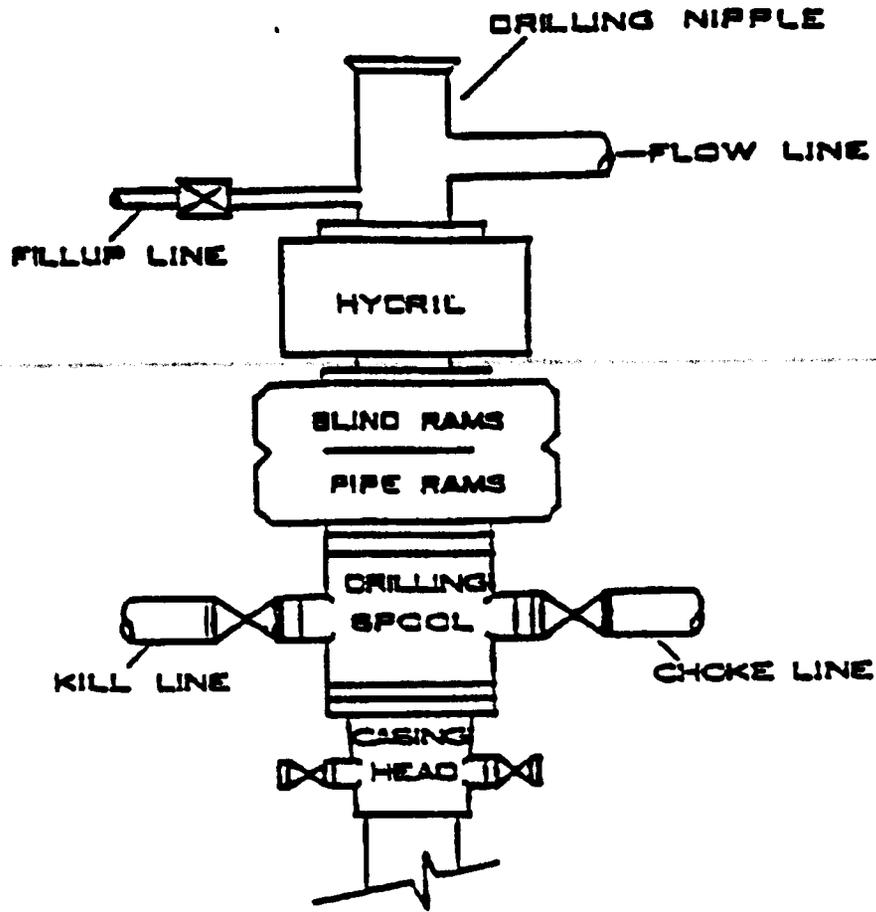
APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,210 Cu. Yds.
Remaining Location	= 6,710 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 7,920 CU.YDS.</b>
<b>FILL</b>	<b>= 2,930 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 4,840 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,500 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 2,340 Cu. Yds.

3,000 PSI

# BOP STACK



WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 07/21/2003

API NO. ASSIGNED: 43-047-35093

WELL NAME: NBU 1022-9E  
OPERATOR: WESTPORT OIL & GAS CO ( N2115 )  
CONTACT: DEBRA DOMENICI

PHONE NUMBER: 435-781-7060

PROPOSED LOCATION:

SWNW 09 100S 220E  
SURFACE: 1634 FNL 0257 FWL  
BOTTOM: 1634 FNL 0257 FWL  
UINTAH  
NATURAL BUTTES ( 630 )

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

LEASE TYPE: 1 - Federal  
LEASE NUMBER: U-1196-B  
SURFACE OWNER: 1 - Federal  
PROPOSED FORMATION: MVRD

LATITUDE: 39.96613  
LONGITUDE: 109.45285

RECEIVED AND/OR REVIEWED:

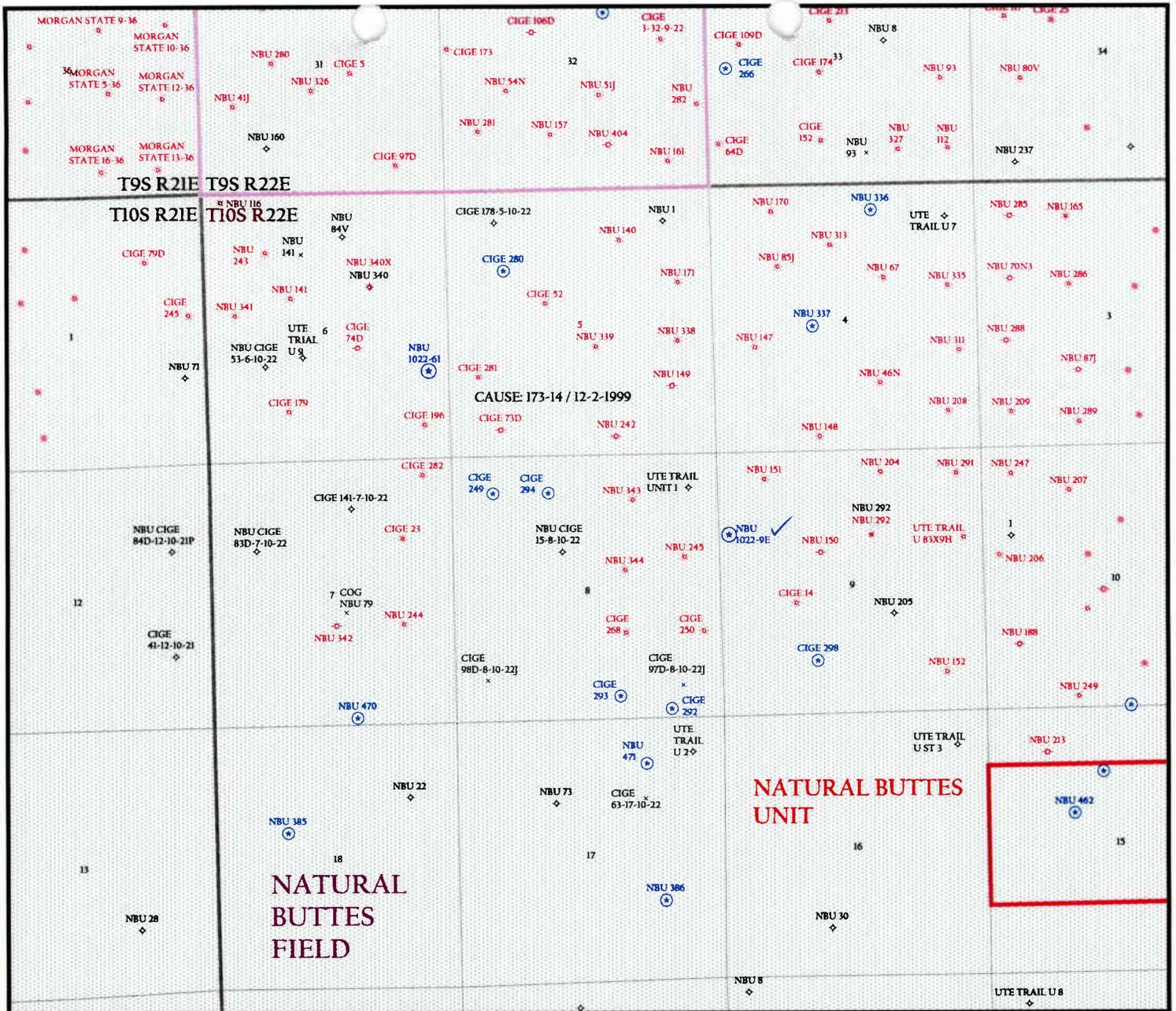
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. CO-1203 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. 43-8496 )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)

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 a boundary & unknown fault
- R649-3-11. Directional Drill

COMMENTS: Sop, Separate Au

STIPULATIONS: 1- Federal approved  
2- Oil Shale



OPERATOR: WESTPORT O&G CO (N2115)

SEC. 9 T.10S, R.22E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

CAUSE: 173-14 / 12-2-1999

**Wells**

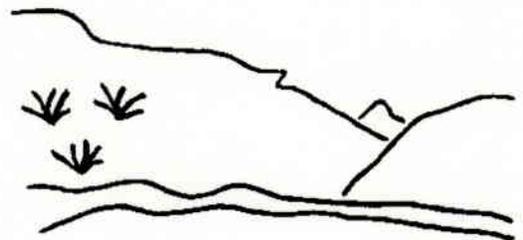
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL

**Unit Status**

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

**Field Status**

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED



Utah Oil Gas and Mining



PREPARED BY: DIANA MASON  
DATE: 21-JULY-2003

## 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)

July 22, 2003

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2003 Plan of Development Natural Buttes Unit,  
 Uintah County, Utah.

Pursuant to email between Diana Mason, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following wells are planned for calendar year 2003 within the Natural Buttes Unit, Uintah County, Utah.

Api Number	Well	Location
(Proposed PZ Mesaverde)		
43-047-35092	NBU 1022-6I	Sec. 6 T10S R22E 1729 FSL 0446 FEL
43-047-35093	NBU 1022-9E	Sec. 9 T10S R22E 1634 FNL 0257 FWL
43-047-35094	NBU 1021-5E	Sec. 5 T10S R21E 1520 FNL 0065 FWL

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

/s/ Michael L. Coulthard

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

MCoulthard:mc:7-22-3



Stat of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor  
Kathleen Clarke  
Executive Director  
Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

July 22, 2003

Westport Oil & Gas Company, L. P.  
P O Box 1148  
Vernal, UT 84078

Re: Natural Buttes Unit 1022-9E Well, 1634' FNL, 257' FWL, SW NW, Sec. 9, 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 43-047-35093.

Sincerely,

A handwritten signature in black ink, appearing to read 'John R. Baza'.

John R. Baza  
Associate Director

pab  
Enclosures

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

**Operator:** Westport Oil & Gas Company, L. P.  
**Well Name & Number** Natural Buttes Unit 1022-9E  
**API Number:** 43-047-35093  
**Lease:** U-1196-B

**Location:** SW NW                      **Sec. 9**                      **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.

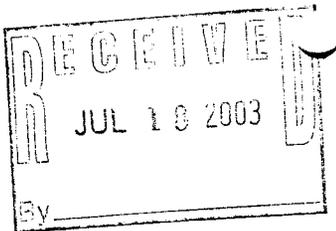
- Contact Dan Jarvis at (801) 538-5338

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.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

006

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No.  
**U-01196B U-1196-B**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA Agreement, Name and No.  
**Natural Buttes Unit**

8. Lease Name and Well No.  
**NBU #1022-9E**

9. API Well No.  
**43-0A7-3509B**

10. Field and Pool, or Exploratory  
**Natural Buttes**

11. Sec., T., R., M., or Blk, and Survey or Area  
**SEC 9-T10S-R22E**

12. County or Parish  
**Uintah**

13. State  
**UT**

1a. Type of Work:  DRILL  REENTER

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

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

3a. Address  
**P.O. Box 1148 Vernal, UT 84078**

3b. Phone No. (include area code)  
**(435) 781-7060**

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)  
At surface **SWNW 1634' FNL 257' FWL**  
At proposed prod. Zone

14. Distance in miles and direction from nearest town or post office\*  
**34.7 Miles Southeast of Ouray, UT**

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)  
**257'**

16. No. of Acres in lease  
**320**

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  
**8500'**

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

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
**5115' GL**

22. Approximate date work will start\*  
**Upon Approval**

23. Estimated duration  
**To Be Determined**

24. Attachments

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

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

25. Signature *Debra Domenici* Name (Printed/Typed) **DEBRA DOMENICI** Date **7/16/2003**

Title **ADMINISTRATIVE ASSISTANT**

Approved by (Signature) *Howard R. Cleavage* Name (Printed/Typed) **Howard R. Cleavage** Date **10/27/2003**

Title **Assistant Field Manager** Office **Mineral Resources**

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

Conditions of approval, if any, are attached.

**NOTICE OF APPROVAL**

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

\*(Instructions on reverse)

RECEIVED  
**CONDITIONS OF APPROVAL ATTACHED** NOV 04 2003

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Westport Oil and Gas Company LP.

Well Name & Number: NBU 1022-9E

Lease Number: U-01196B

Location: SWNW Sec. 9 T.10S R. 22E

API Number: 43-047-35093

Agreement: Natural Buttes Unit

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

**CONDITIONS OF APPROVAL**

Approval of this application 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.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to John Mayers of this office prior to setting the next casing string or requesting plugging orders. Faxed copies of State of Utah form OGC-8-X are acceptable.

2. Pressure Control Equipment

The variances requested in section 9 of the NBU Field SOP are granted with the following conditions:

Where the location and rig layout allows, the blooie line shall be straight and extend 100' from the wellbore. This requirement will be waived only in the case where the location is too small to accommodate it.

3. Casing Program and Auxiliary Equipment

As a minimum requirement, the cement behind the production casing must extend at least 200' above the top of the Green River formation which has been identified at  $\pm 1414'$ .

4. Mud Program and Circulating Medium

None

5. Coring, Logging and Testing Program

Cement Bond Logs will be required from TD to the top of cement.

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

**Please submit to this office, in LAS format, an electronic copy of all logs run on this well. This submission will replace the requirement for submittal of paper logs to the BLM.**

6. Notifications of Operations

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

7. Other Information

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman (435) 828-7874  
Petroleum Engineer

Kirk Fleetwood (435) 828-7875  
Petroleum Engineer

BLM FAX Machine (435) 781-4410

CONDITIONS OF APPROVAL  
FOR THE SURFACE USE PROGRAM OF THE  
APPLICATION FOR PERMIT TO DRILL

-The location topsoil pile will be seeded with the following seed mix instead of the mix shown in the APD. Seeding shall take place immediately after the soil is piled by broadcasting the seed, then walking the topsoil pile with the dozer to plant the seed.

Black sage	Artemisia nova	1 lb/acre
Shadscale	Atriplex confertifolia	4 lbs/acre
American Kochia	Kochia Americana	3 lbs/acre
Needle and thread	Stipa comata	4 lbs/acre

-All poundages are in Pure Live Seed.

**-Topsoil will not be used for the construction of tank dikes or any other location needs. It shall be left in place for use in the final reclamation process.**

-Once the reserve pit is dry, it should be filled, recontoured, topsoil spread, and seeded in the same manner discussed above.

-The operator shall control noxious weeds along the access road, pipeline, and on the well location. A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.

**DIVISION OF OIL, GAS AND MINING****SPUDDING INFORMATION**Name of Company: WESTPORT OIL & GAS COMPANY LPWell Name: NBU 1022-9EApi No: 43-047-35093 Lease Type: FEDERALSection 09 Township 10S Range 22E County UINTAHDrilling Contractor PETE MARTIN RIG # BUCKET**SPUDDED:**Date 07/04/04Time 8:00 AMHow DRY**Drilling will commence:** \_\_\_\_\_Reported by BILL BROGDINTelephone # 1-435-828-0983Date 07/06/2004 Signed CHD

OPERATOR WESTPORT O & G CO., L.P.  
ADDRESS 1368 S. 1200 E.  
VERNAL, UTAH 84078

OPERATOR ACCT. NO. N 2115

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
	99999	2900	43-047-35093	NBU 1022-9E	SWNW	9	10S	22E	UINTAH	7/5/2004	
WELL 1 COMMENTS: MIRU PETE MARTIN DRILLING <i>MURD</i> WELL SPUD ON 7/5/04											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
	99999	2900	43-047-34855	CIGB 298	SBSW	9	10S	22E	UINTAH	7/3/2004	
WELL 2 COMMENTS: MIRU PETE MARTIN <i>MURD</i> WELL SPUD ON 7/3/04 @ 1900 HRS											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
WELL 3 COMMENTS:											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
WELL 4 COMMENTS:											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
WELL 5 COMMENTS:											

CONFIDENTIAL

ACTION CODES (See instructions on back of form)

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

NOTE: Use COMMENT section to explain why each A (3/89)

Post-It® Fax Note	7671	Date	7-6-04	# of pages	1
To	Earlene Russell		From	Raleen Seale	
Co./Dept.	WDDGM		Co.	Westport	
Phone #	801-538-5336		Phone #	435-781-7044	
Fax #	801-359-3940		Fax #	435-781-7094	

*Raleen Seale*  
Signature

REGULATORY ADMIN. 07/06/04  
Title Date

Phone No. (435)781-7044

RECEIVED

JUL 06 2004

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

009

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

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. U-1196-B
2. Name of Operator WESTPORT OIL & GAS COMPANY L.P.		6. If Indian, Allottee or Tribe Name
3a. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078		7. If Unit or CA/Agreement, Name and/or No. NATURAL BUTTES
3b. Phone No. (include area code) Ph: 435.781.7024 Fx: 435.781.7094		8. Well Name and No. NBU 1022-9E
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 9 T10S R22E SWNW 1634FNL 257FWL		9. API Well No. 43-047-35093
		10. Field and Pool, or Exploratory NATURAL BUTTES
		11. County or Parish, and State UINTAH COUNTY, UT

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

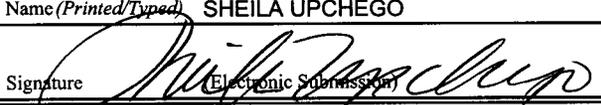
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/>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

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

MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 64# CONDUCTOR PIPE. CMT W/20 SX READY MIX CMT.

MIRU BILL MARTIN JR'S DRILLING RIG #4. DRILLED 12 1/4" SURFACE HOLE TO 1940'. RAN 9 5/8" 32.3# H-40 STC CSG. CMT W/225 SX PREM LITE II 2% CACL2 1/4#/SK FLOCELE DISPLACED LAND PLUG 200/600 FLOAT HELD. NO RETURNS OUTSIDE CMT 100 SX W/4% CACL2 1/4#/SK FLOCELE. NO RETURNS TO SURFACE PMP 200 SX W/4% CACL2 1/4#/SK FLOCELE. RETURN TO SURFACE CMT.

SPUD WELL LOCATION ON 7/5/04 AT 8 AM

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #33841 verified by the BLM Well Information System For WESTPORT OIL &amp; GAS COMPANY L.P., sent to the Vernal</b>	
Name (Printed/Typed) SHEILA UPCHEGO	Title REGULATORY ANALYST
Signature  (Electronic Submission)	Date 07/30/2004

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

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

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

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

RECEIVED  
AUG 03 2004

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 to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

010

**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. U-1196B	
2. Name of Operator WESTPORT OIL & GAS COMPANY L.P		6. If Indian, Allottee or Tribe Name	
3a. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078		7. If Unit or CA/Agreement, Name and/or No. NATURAL BUTTES	
3b. Phone No. (include area code) Ph: 435.781.7024 Fx: 435.781.7094		8. Well Name and No. NBU 1022-9E	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 9 T10S R22E SWNW 1634FNL 257FWL		9. API Well No. 43-047-35093	
		10. Field and Pool, or Exploratory NATURAL BUTTES	
		11. County or Parish, and State UINTAH COUNTY, UT	

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

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

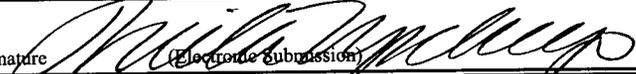
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical 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 40' TO 8860'. RAN 4 1/2" 11.6# 1-80 LTC CSG. CMT W/20 SX SCAVENGER @10.0 PPG 8.44 YIELD. LEAD CMT W/385 SX PREM LITE @11.1 PPG 3.38 YIELD. TAILED CMT W/1835 SX 50/50 POZ @14.3 PPG 1.31 YIELD.

RELEASED CAZA 12 ON 9/6/04 AT 0000 HRS.

RECEIVED  
SEP 21 2004

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #35726 verified by the BLM Well Information System For WESTPORT OIL &amp; GAS COMPANY L.P., sent to the Vernal</b>	
Name (Printed/Typed) SHEILA UPCHEGO	Title REGULATORY ANALYST
Signature  (Electronic Submission)	Date 09/07/2004

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

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

011

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

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

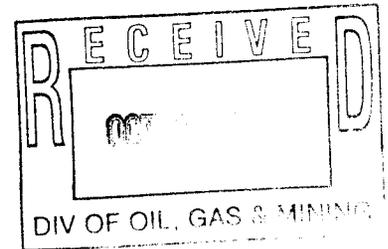
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. U-1196B
2. Name of Operator WESTPORT OIL & GAS COMPANY, LP		6. If Indian, Allottee or Tribe Name
3a. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078		7. If Unit or CA/Agreement, Name and/or No. NATURAL BUTTES UN
3b. Phone No. (include area code) Ph: 435-781-7024		8. Well Name and No. NBU 1022-9E
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 9 T10S R22E SWNW 1634FNL 257FWL		9. API Well No. 43-047-35093
		10. Field and Pool, or Exploratory NATURAL BUTTES
		11. County or Parish, and State UINTAH COUNTY, UT

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

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

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

THE SUBJECT WELL WAS PLACED ON PRODUCTION ON 10/3/04 AT 10 AM.  
PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.



14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #50050 verified by the BLM Well Information System  
For WESTPORT OIL & GAS COMPANY, LP, sent to the Vernal**

Name (Printed/Typed) SHEILA UPCHEGO	Title OPERATIONS
Signature <i>(Handwritten Signature)</i> (Electronic Submission)	Date 10/14/2004

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

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

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

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

**WESTPORT OIL & GAS COMPANY, LP**

**CHRONOLOGICAL HISTORY**

**NBU 1022-9E**

UINTAH COUNTY, UT

**DRILLING REPORT:**

	SPUD	Surface Casing	Activity	Status
	5/17/04		Build Location, 10% complete	Caza 12
	5/18/04		Build Location, 10% complete	Caza 12
	5/19/04		Build Location, 20% complete	Caza 12
	5/20/04		Build Location, 30% complete	Caza 12
	5/21/04		Build Location, 40% complete	Caza 12
	5/25/04		Build Location, 50% complete	Caza 12
	5/26/04		Build Location, 55% complete	Caza 12
	5/27/04		Build Location, 70% complete	Caza 12
	5/28/04		Build Location, 70% complete	Caza 12
	5/31/04		Build Location, 70% complete	Caza 12
	6/1/04		Build Location, 70% complete	Caza 12
	6/2/04		Build Location, 70% complete	Caza 12
	6/3/04		Build Location, 70% complete	Caza 12
	6/4/04		Build Location, 70% complete	Caza 12
	6/7/04		Build Location, 70% complete	Caza 12
	6/8/04		Build Location, 70% complete	Caza 12
	6/9/04		Build Location, 70% complete	Caza 12
	6/10/04		Build Location, 70% complete	Caza 12
	6/11/04		Build Location, 70% complete	Caza 12
	6/14/04		Build Location, 75% complete	Caza 12

6/15/04			Build Location, 75% complete	Caza 12
6/16/04			Build Location, 75% complete	Caza 12
6/17/04			Build Location, 75% complete	Caza 12
6/18/04			Build Location, 90% complete	Caza 12
6/21/04			Build Location, 90% complete	Caza 12
6/22/04			Location Built, WOBR	Caza 12
6/23/04			Location Built, WOBR	Caza 12
6/24/04			Location Built, WOBR	Caza 12
6/25/04			Location Built, WOBR	Caza 12
6/28/04			Location Built, WOBR	Caza 12
6/29/04			Location Built, WOBR	Caza 12
6/30/04			Location Built, WOBR	Caza 12
7/1/04			Location Built, WOBR	Caza 12
7/2/04			Location Built, WOBR	Caza 12
7/6/04	7/4/04	14" @ 40'	Set conductor w/Bucket rig.	Caza 12
7/7/04		14" @ 40'	Set conductor . WOAR	Caza 12
7/8/04		14" @ 40'	Set conductor . WOAR	Caza 12
7/9/04		14" @ 40'	Set conductor . WOAR	Caza 12
7/12/04		14" @ 40'	Set conductor . WOAR	Caza 12
7/13/04		14" @ 40'	Set conductor . WOAR	Caza 12
7/14/04		14" @ 40'	Set conductor . WOAR	Caza 12
7/15/04		14" @ 40'	Set conductor . WOAR	Caza 12
7/16/04		14" @ 40'	Set conductor . WOAR	Caza 12
7/19/04		14" @ 40'	Set conductor . WOAR	Caza 12
7/20/04		14" @ 40'	Set conductor . WOAR	Caza 12
7/21/04		14" @ 40'	Set conductor . WOAR	Caza 12
7/22/04		14" @ 40'	Set conductor . WOAR	Caza 12
7/23/04		14" @ 40'	Set conductor . WOAR	Caza 12

7/26/04	7/25/04	14" @ 40'	Spud w/Air Rig. Drill to 775'	Caza 12
7/27/04	7/25/04	14" @ 40'	Drill to 1285'	Caza 12
7/28/04	7/25/04	14" @ 40'	Drill to 1340'. DA	Caza 12
7/29/04	7/25/04	14" @ 40'	Drill to 1940'.	Caza 12
7/30/04	7/25/04	9 5/8" @ 1906'	Set 9 5/8" Surf csg @ 1906'	WORT Caza 12
8/2/04	7/25/04	9 5/8" @ 1906'	Set 9 5/8" Surf csg @ 1906'	WORT Caza 12
8/3/04	7/25/04	9 5/8" @ 1906'	Set 9 5/8" Surf csg @ 1906'	WORT Caza 12
8/4/04	7/25/04	9 5/8" @ 1906'	Set 9 5/8" Surf csg @ 1906'	WORT Caza 12
8/5/04	7/25/04	9 5/8" @ 1906'	Set 9 5/8" Surf csg @ 1906'	WORT Caza 12
8/6/04	7/25/04	9 5/8" @ 1906'	Set 9 5/8" Surf csg @ 1906'	WORT Caza 12
8/9/04	7/25/04	9 5/8" @ 1906'	Set 9 5/8" Surf csg @ 1906'	WORT Caza 12
8/10/04	7/25/04	9 5/8" @ 1906'	Set 9 5/8" Surf csg @ 1906'	WORT Caza 12
8/11/04	7/25/04	9 5/8" @ 1906'	Set 9 5/8" Surf csg @ 1906'	WORT Caza 12
8/12/04	7/25/04	9 5/8" @ 1906'	Set 9 5/8" Surf csg @ 1906'	WORT Caza 12
8/13/04	7/25/04	9 5/8" @ 1906'	Set 9 5/8" Surf csg @ 1906'	WORT Caza 12
8/16/04	7/25/04	9 5/8" @ 1906'	Set 9 5/8" Surf csg @ 1906'	WORT Caza 12
8/17/04	7/25/04	9 5/8" @ 1906'	Set 9 5/8" Surf csg @ 1906'	WORT Caza 12
8/18/04	7/25/04	9 5/8" @ 1906'		WORT Caza 12
8/19/04	7/25/04	9 5/8" @ 1906'		WORT Caza 12
8/20/04	7/25/04	9 5/8" @ 1906'		WORT Caza 12
8/23/04	7/25/04	9 5/8" @ 1906'		WORT Caza 12
8/24/04	TD: 1940' Csg. 9 5/8"@ 1906' MW: 8.4 SD: 8/X/04 DSS: 0 Move Caza 12 from CIGE 298 to NBU 1022-9E. Rig up rotary tools. NU BOPE. SDFN.			
8/25/04	TD: 2710' Csg. 9 5/8"@ 1906' MW: 8.4 SD: 8/24/04 DSS: 1 Test BOPE. PU PDC bit and MM and TIH. Drill cement and FE. Rotary spud 7 7/8" hole @ 1700 hrs 8/24/04. Drill from 1940'-2710'. DA @ report time.			
8/26/04	TD: 3780' Csg. 9 5/8"@ 1906' MW: 8.4 SD: 8/24/04 DSS: 2 Drill from 2710'-3780'. DA @ report time.			
8/27/04	TD: 4675' Csg. 9 5/8"@ 1906' MW: 8.4 SD: 8/24/04 DSS: 3 Drill from 3780'-4675'. DA @ report time.			

8/30/04 TD: 7030' Csg. 9 5/8"@ 1906' MW: 8.4 SD: 8/24/04 DSS: 6  
Drill from 4675'-7030'. DA @ report time.

8/31/04 TD: 7545' Csg. 9 5/8"@ 1906' MW: 8.9 SD: 8/24/04 DSS: 7  
Drill from 7030'-7545'. Mudded up at 7100'. Mesaverde top at 6735'. DA @ report time.

9/1/04 TD: 7920' Csg. 9 5/8"@ 1906' MW: 9.8 SD: 8/24/04 DSS: 8  
Drill from 7545'-7920'. Pump pill and drop survey. Prepare to TFNB @ report time.

9/2/04 TD: 8225' Csg. 9 5/8"@ 1906' MW: 9.8 SD: 8/24/04 DSS: 9  
TFNB and MM. Drill from 7920'-8225'. DA @ report time.

9/3/04 TD: 8700' Csg. 9 5/8"@ 1906' MW: 10.7 SD: 8/24/04 DSS: 10  
Drill from 8225'-8404'. Recorded 45 bbl gain on connection. Shut well in and raise mud weight from 9.8 to 10.7 ppg. Circulate 10.7 mud and kill well. Drill to 8700'. DA @ report time.

9/7/04 TD: 8860' Csg. 9 5/8"@ 1906' MW: 11.5 SD: 8/24/04 DSS: 14  
Drill from 8700'-8860'. CCH for logs. Pump pill for TOOH. String pulled wet. Rigged up loggers. Well started flowing. Rigged down loggers and TIH. CCH raising MW f/ 11.1 to 11.5. Logged with triple combo and EMI. TIH, CCH, TOOH, LDDP, and DC. Run and cement 4 1/2" production casing. Released rig @ 0000 on 9/7/04. Move rig to NBU 1022-4K on 9/7/04.

9/24/04 PROG: 7:00 AM. HELD SAFETY MEETING, RD, RACK OUT EQUIP. ROAD RIG & EQUIP F/NBU 921-20N TO LOC. MIRU. NDWH. NUBOP. PREP & TALLY 289 JTS 2-3/8" J-55 TBG. PU 3-7/8" BIT, BIT SUB & RIH PU TBG OFF TRAILER. EOT @ 8497'. SWI. SDFN.

9/27/04 PROG: 7:00 AM. HELD SAFETY MEETING CONT TO RIH. PU TBG OFF TRAILER. TAG PBTD @ 8813'. RU PMP & LINES CIRC WL CLEAN W/140 BBLS 2% KCL. RD PMP & LINES. POOH W/TBG. LD BIT. MIRU CUTTERS, PU CBL/CCL/GR TOOLS & RIH. LOG WL F/8804' TO SURF. POOH. PU 3-3/8" PROSPECTOR PERF GUNS LOADED W/23 GM CHARGES. 4 SPF, 90 DEG PHASING & RIH. SHOOT 20 HOLES F/ 8621' - 26', PU SHOOT 16 HOLES F/8584' - 88', PU SHOOT 12 HOLES F/8457' - 60', PU SHOOT 20 HOLES F/8379' - 84', PU SHOOT 12 HOLES F/8312' - 15', PU SHOOT 8 HOLES F/8282' - 84'. POOH. LD PERF GUNS. RDMO CUTTERS. PREP TO FRAC MONDAY AM. SDFN 5:00 PM.

9/28/04 PROG: MIRU DS & CWLS. HELD SAFETY MEETING. PRESS TEST SURF EQUIP TO 8500#. OPEN WL, 1700#. BRK ZONE: 3676#. ISIP: 2520#, FG: 0.73. EST RATE: 38 BPM @ 4925#. POC: 85% (75/88). FRAC AS PER DESIGN W/YF120ST+ GEL. TOTAL SD: 276,000 LBS, TOTAL FL: 2128 BBLS, ISIP: 3960#, FG: 0.90, NPI: 1440#. MR: 47 BPM, MP: 5632#, AR: 45.1, AP: 4787#. RU CWLS, PU 10K CBP & 3-3/8" GUN, RIH. SET CBP @ 8140'. COULD NOT GET TOOLS OFF OF PLUG. WORK WL, PULL OUT OF ROPE SOCKET. CALL OUT RBS FISHERMAN, RELEASE SCHLUMBERGER, PREP TO FISH WIRELINE TOOLS. PU 3-7/8" OD OS W/EXT & 3-1/8" GRAPPLE, BOWEN LBS, BOWEN JAR, 2-3/8" PUP JT. RIH W/TLS & 2-3/8" TBG. TAG & LATCH ON FISH @ 8116'. JAR ON FISH @ 10K LBS OVER 3-Xs & 20K LBS OVER 1-X. PULL UP HOLE TO 50K LBS FISH MOVED UP HOLE 2', SET DN ON FISH 8K LBS, PU 5K OVER, FISH CAME FREE. POOH, LD WL TLS, LD FISHING TLS. PLUG SET ON DEPTH, **GUN DISCHARGED OFF DEPTH @ 8150 - 8154' BY MISTAKE** 4 SPF, 16 HOLES TOT. CO RAMS TO BLIND. RU CUTTERS WL. PU 10K CBP & 3-3/8" GUN. RIH, SET PLUG @ 8120', PUH, PERF 8100-8105' & 8058 - 8063', POOH LD TLS, PU NEW 3-3/8" GUN, RIH PERF 8002 - 8006', 7849 - 7850', 7760 - 7761' 4 SPF EA.. TOT 60 HOLES. POOH LD TLS. SWI, SDFN.

9/29/04

PROG: 7:00 AM. HELD SAFETY MEETING. PRIME PMPS, PSI TST LINES TO 8000#, (HELD). OPEN WL.

STAGE 2: BRK DN PERFS @ 5396#, EST INJ RT @ 39.8 BPM @ 4900#. ISIP: 2885#, FG: .80. FRAC STAGE 2 W/ 191,000# 20/40 OTTOWA SD W/YF118ST+ GEL. ISIP: 3602#, NPI: 717#, FG: .89

STAGE 3: PU 3-3/8" PROSPECTOR PERF GUNS LOADED W/23 GM CHARGES. 4 SPF, 90 DEG PHASING & 4-1/2" CBP & RIH. SET CBP @ 7691'. PU SHOOT 16 HOLES F/7657' - 61', PU SHOOT 16 HOLES F/7619' - 23', PU SHOOT 12 HOLES F/7471' - 74'. POOH. BRK DN PERFS @ 3775#, EST INJ RT @ 30 BPM @ 4200#, ISIP: 2560#, FG: .77. FRAC STAGE 3 W/144,000# SD W/YF118ST+. ISIP: 2901#, NPI: 341#, FG: .82.

STAGE 4: PU 3-3/8" PERF GUNS & 4-1/2" CBP & RIH. SET CBP @ 7372'. PU SHOOT 20 HOLES F/7337' - 42'. PU SHOOT 16 HOLES F/7206' - 10'. POOH, PU 2ND PERF GUN & RIH. SHOOT 20 HOLES F/7090' - 95', PU SHOOT 8 HOLES F/7007' - 09'. POOH. BRK DN PERFS @ 4070#, EST INJ RT @ 45 BPM @ 4700#, ISIP: 2000#, FG: .71, FRAC STAGE 4 W/467,000# 20/40 SD W/YF118ST+, ISIP: 2738#, NPI: 738#, FG: .82.

STAGE 5: PU 3-3/8" PROSPECTOR PERF GUNS LOADED W/12 GM CHARGES, 4 SPF, 90 DEG PHASING & 4-1/2" CBP & RIH. SET CBP @ 6916', PU SHOOT 20 HOLES F/6881' - 86', PU SHOOT 20 HOLES F/6785' - 6800', PU SHOOT 16 HOLES F/6606' - 10'. POOH. PU 2ND PERF GUN & RIH, SHOOT 16 HOLES F/6554' - 58', PU SHOOT 8 HOLES F/6504' - 06'. POOH. BRK DN PERFS @ 2430#, EST INJ RT @ 45.5 BPM @ 3700#, ISIP: 1579#, FG: .67. FRAC STAGE 5 W/ 336,000# 20/40 SD W/YF118ST+, ISIP: 2468#, NPI: 889#, FG .80.

STAGE 6: PU 3-3/8" PERF GUNS & 4-1/2" CBP. & RIH. SET CBP @ 5704', PU SHOOT 16 HOLES F/5670' - 74', PU SHOOT 16 HOLES F/5582' - 86', PU SHOOT 20 HOLES F/ 5165' - 70'. POOH. BRK DN PERFS @ 2131#, EST INJ RT @ 30.2 BPM @ 2380#, ISIP: 1028#, FG: .62. FRAC STAGE 6 W/ 158,545# SD W/YF117ST+, ISIP: 2034#, NPI: 1006#, FG .81. PU 4-1/2" CBP & RIH. SET CBP @ 5050#. POOH. RDMO CUTTERS. RDMO SCHLUMBERGER. SWI. SDFN.

9/30/04

PROG: 7:00 AM HELD SAFETY MEETING. PU 3-7/8" BIT, FAST EDDIE POBS & RIH W/TBG. TAG KILL PLUG @ 5050'. RU DRL EQUIP. RU PMP & LINES. BRK CONV CIRC & BEG TO DRL.

DRL UP 1ST CBP @ 5050' IN 10 MIN. (200# INC). CONT TO RIH. TAG FILL @ 5680' (30' SD). CO TO 2ND CBP @ 5710'.

DRL UP 2ND CBP IN 15 MIN. (200# INC). CONT TO RIH. TAG FILL @ 6886', (30' SD). CO TO 3RD CBP @ 6916'.

DRL UP 3RD CBP IN 20 MIN. (100# INC). CONT TO RIH. TAG FILL @ 7252', (30' SD). CO TO 4TH CBP @ 7372'.

DRL UP 4th CBP IN 10 MIN. (200# INC). CONT TO RIH. TAG FILL @ 7651', (40' SD). CO TO 5TH CBP @ 7691'.

DRL UP 5TH CBP IN 15 MIN. (500# INC). CONT TO RIH. TAG FILL @ 8060' (60' SD). CO TO 6TH CBP @ 8120'.

DRL UP 6TH CBP IN 10 MIN. (200# INC). CONT TO RIH. TAG FILL @ 8140'. ( 0' FILL)

DRL UP 7TH CBP @ 8140' IN 20 MIN. (700# INC). CONT TO RIH. TAG FILL @ 8604' (180' FILL) CO TO PBD @ 8707'. CIRC WL CLEAN. POOH. LD 31 JTS TBG. LUBRICATE TBG HANGER INTO WL. LAND TBG W/EOT @ 8137'. NDBOP. NUWH. DROP BALL. RU FLOW BACK LINES. RU PMP. PMP OFF THE BIT SUB @ 2700#. TURN OVER TO FLOW BACK CREW 6:00 PM.

SICP 1000#  
FTP 50#  
OPEN CHK

WELL ON FLOWBACK, FLOWBACK REPORT: CP: 800#, TP: 1300#, 20/64 CHK, 50 BWPH, 14 HRS, TTL BBLs FLWD: 2333, TODAY'S LTR: 11668 BBLs, LOAD REC TODAY: 2,333 BBLs, REMAINING LTR: 9,335 BBLs, TOTAL LOAD REC TO DATE: 2,333 BBLs.

**10/1/04** PROG: WELL ON FLOWBACK, FLOWBACK REPORT: CP: 820#, TP: 1450#, 20/64 CHK, 44 BWPH, 24HRS, SD: TRACE, TTL BBLs FLWD: 1059, TODAY'S LTR: 9335 BBLs, LOAD REC TODAY: 1,059 BBLs, REMAINING LTR: 8,276 BBLs, TOTAL LOAD REC TO DATE: 3,392 BBLs.

**10/4/04** PROG: 10/3/04: WELL ON FLOWBACK, FLOWBACK REPORT: CP: 1700#, TP: 1500#, 20/64 CHK, 22 BWPH, 24HRS, SD: CLEAN, TTL BBLs FLWD: 655, TODAY'S LTR: 7508 BBLs, LOAD REC TODAY: 655 BBLs, REMAINING LTR: 6,853 BBLs, TOTAL LOAD REC TO DATE: 4,815 BBLs.

10/2/04: WELL ON FLOWBACK, FLOWBACK REPORT: CP: 1100#, TP: 1500#, 20/64 CHK, 30 BWPH, 24 HRS, SD: LIGHT TRACE, TTL BBLs FLWD: 768, TODAY'S LTR: 8276 BBLs, LOAD REC TODAY: 768 BBLs, REMAINING LTR: 7,508 BBLs, TOTAL LOAD REC TO DATE: 4,160 BBLs.

WELL WENT ON SALES. 10/3/04, 10:00 AM. 1,500 MCF, 20/64 CHK, SICP: 1900#, FTP: 1750#, 25 BWPH, FINAL REPORT FOR COMPLETION.

**10/5/04** **ON SALES**  
10/5/04: 1076 MCF, 0 BC, 360 BW, TP: 1234#, CP: 2000#, 20/64 CHK, 14 HRS, LP: 326#.

**10/6/04** **ON SALES**  
10/4/04: 2284 MCF, 0 BC, 550 BW, TP: 1101#, CP: 1810#, 20/64 CHK, 24 HRS, LP: 425#.

**10/7/04** **ON SALES**  
10/5/04: 2228 MCF, 0 BC, 450 BW, TP: 1019#, CP: 1672#, 20/64 CHK, 24 HRS, LP: 328#.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

012

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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  
WESTPORT OIL & GAS COMPANY L.P.

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

4. Location of Well (Report locations clearly and in accordance with Federal requirements)\*  
At surface SWNW 1634'FNL & 257'FWL

At top prod. interval reported below

At total depth

14. Date Spudded 07/05/04 15. Date T.D. Reached 09/07/04 16. Date Completed  D & A  Ready to Prod. 10/03/04

18. Total Depth: MD 8860' TVD 19. Plug Back T.D.: MD 8813' TVD 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL-CCL-GR  
 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"	64#		40'		20 SX			
12 1/4"	9 5/8"	32.3#		1940'		525 SX			
7 7/8"	4 1/2"	11.6#		8860'		2240 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"	8018'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WASATCH	5165'	6886'	5165'-6886'	0.35	132	OPEN
B) MESAVERDE	7007'	8626'	7007'-8626'	0.35	228	OPEN
C)						
D)						

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

Depth Interval	Amount and type of Material
5165'-6886'	PMP 3468 BBLS YF118ST & 494,545# 20/40 OTTOWA SD
7007'-8626'	PMP 8202 BBLS YF118ST & 1,078,000# 20/40 OTTOWA 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
10/03/04	10/06/04	24	→	0	2,383	408			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. 1017#	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
20/64	SI	1510#	→	0	2383	408			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
10/03/04	10/06/04	24	→	0	2383	408			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. 1017#	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
20/64	SI	1510#	→	0	2383	408			PRODUCING GAS WELL

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

RECEIVED  
NOV 24 2004  
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
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28c. Production - Interval D

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

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

**SOLD**

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

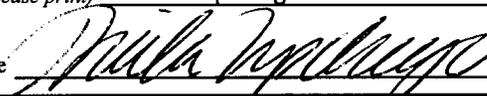
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
WASATCH MESAVERDE	4282' 6775'	6775'			

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 Regulatory Analyst  
 Signature  Date 11/11/2004

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.

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

<b>ROUTING</b>
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:		<b>1/6/2006</b>
<b>FROM:</b> (Old Operator): N2115-Westport Oil & Gas Co., LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024	<b>TO:</b> ( 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 <b>CHANGE OF OPERATOR</b>
	<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) <b>RANDY BAYNE</b>	Title <b>DRILLING MANAGER</b>
Signature <i>Randy Bayne</i>	Date <b>May 9, 2006</b>

**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.

**MULTIPLE 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 <b>CHANGE OF OPERATOR</b>

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) <b>BRAD LANEY</b>	Title <b>ENGINEERING SPECIALIST</b>
Signature	Date <b>May 9, 2006</b>

**THIS SPACE FOR FEDERAL OR STATE USE**

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

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



## United States Department of the Interior

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

IN REPLY REFER TO:

CO922 (MM)  
3106  
COC017387 et. al.

March 23, 2006

### NOTICE

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

#### Merger/Name Change - Recognized

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

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

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

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

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

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

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

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

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

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

**Attachment:**

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

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

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



# United States Department of the Interior



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

IN REPLY REFER TO:  
3106  
(UT-922)

March 27, 2006

## Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

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

Chief, Branch of  
Fluid Minerals

## Enclosure

Approval letter from BLM COSO (2 pp)

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

RECEIVED

MAR 28 2006

DIV. OF OIL, GAS & MINERALS

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  5. LEASE DESIGNATION AND SERIAL NUMBER: U-1196-B
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 1022-9E
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047350930000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6100
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1634 FNL 0257 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 09 Township: 10.0S Range: 22.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES  COUNTY: UINTAH  STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 12/19/2014  <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input checked="" type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>

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

Kerr-McGee Oil and Gas Onshore, LP respectfully requests authorization to temporarily abandon the NBU 1022-9E well to accommodate drilling operations for the NBU 1022-9E Pad, which includes the following well locations: NBU 1022-9D1BS, NBU 1022-9D2BS, NBU 1022-9D2CS, and NBU 1022-9E1BS. Please see the attached procedure for specifics.  
 Thank you.

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

Date: ~~December 22, 2014~~  
 By: *Dark Oust*

NAME (PLEASE PRINT) Kristina Geno	PHONE NUMBER 720 929-6824	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 12/18/2014	

**Well Name:** **NBU 1022-9E**  
**Surface Location:** SWNW Sec. 9, T10S, R22E  
 Uintah County, UT

12/17/14

**Recommended action for disposition of well bore:**

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

**API:** 4304735093 **LEASE#:** U-01196-D  
**ELEVATIONS:** 5115' GL 5130' KB  
**TOTAL DEPTH:** 8860' **PBTD:** 8815'  
**SURFACE CASING:** 9 5/8", 32# H40 STC @ 1921'  
**PRODUCTION CASING:** 4 1/2", 11.6# I-80 LTC @ 8860'  
 Estimated TOC @ ±740' per CBL  
**PRODUCTION TUBING:** 2 3/8" 4.7 J-55 TBG @ 8137'  
**PERFORATIONS:** MESAVERDE & Wasatch 5165' - 8626'

**TUBULAR PROPERTIES:**

	Drift inches	Collapse psi	Burst Psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1624	0.02171	0.00387
4.5" 11.6# I-80 csg	3.875	6350	7780	0.6528	0.0872	0.0155
2.375" X 4.5" annulus				0.4227	0.0565	0.0101

**GEOLOGICAL TOPS:**  
 4285' Wasatch  
 6720' Mesaverde

**NBU 1022-9E TEMPORARY ABANDONMENT PROCEDURE**

**GENERAL**

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

**PROCEDURE**

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

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE. PULL TUBING.
2. NOTE A GYRO WAS RUN TO 8000 ON 4/4/2008.
3. **PLUG #1, ISOLATE WASATCH PERFORATIONS (5165' - 8626')**: RIH W/ 4 ½" CBP. SET @ ~5120'. RELEASE CBP, PUH 10', BRK CIRC W/ FRESH WATER. PRESSURE TEST CASING TO 500 PSI. INFORM ENGINEERING IF IT DOESN'T TEST. DISPLACE A MINIMUM OF **8 SX/ 1.6 BBL/ 9.2 CUFT.** ON TOP OF PLUG. PUH ABOVE TOC ~5015' (105' COVERAGE). REVERSE CIRCULATE W/ TREATED FRESH WATER.
4. **PLUG #2, PROTECT TOP OF WASATCH (4285')**: PUH TO ~4385'. BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF **16 SX / 3.3 BBL / 18.3 CUFT** AND BALANCE PLUG W/ TOC @ ~4175' (210' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER.
5. LOWER WELLHEAD TO GROUND LEVEL TO ACCOMMODATE DRILLING OPS AND INSTALL MARKER PER UDOGM GUIDELINES.
6. RDMO. TURN OVER TO DRILLING OPERATIONS.

RBM 12/17/14

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-1196-B	
<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>	
<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES	
<b>8. WELL NAME and NUMBER:</b> NBU 1022-9E	
<b>9. API NUMBER:</b> 43047350930000	
<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES	
<b>COUNTY:</b> UINTAH	
<b>STATE:</b> UTAH	

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

<b>1. TYPE OF WELL</b> Gas Well	
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6100
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1634 FNL 0257 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNW Section: 09 Township: 10.0S Range: 22.0E Meridian: S	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/14/2015	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input checked="" type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The operator has concluded the temporary abandonment operations on the NBU 1022-9E well location on 5/14/2015. Please see the attached operations summary report for details. Thank you.

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

**FOR RECORD ONLY**

May 20, 2015

<b>NAME (PLEASE PRINT)</b> Jennifer Thomas	<b>PHONE NUMBER</b> 720 929-6808	<b>TITLE</b> Regulatory Specialist
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/20/2015	

US ROCKIES REGION  
Operation Summary Report

Well: NBU 1022-9E

Spud date: 8/24/2004

Project: UTAH-UINTAH

Site: NBU 1022-9E

Rig name no.: MILES-GRAY 1/1

Event: ABANDONMENT

Start date: 5/11/2015

End date: 5/14/2015

Active datum: GL @5,114.99usft (above Mean Sea Level)

UWI: NBU 1022-9E

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
5/11/2015	7:00 - 10:00	3.00	ABANDT	35		P		Travel to location rig up on well head run in the hole with the scratchert set down at 8173 came out found no tight spot in the hole run JDC set down at 8173 latch plunger came out with a 1.882 viper plunger run JDC set down at 8173 latch spring pull up got stuck jarred out on it for a while broke loose came out with a standard spring found trace of scale on the spring the plunger was good left spring and plunger out side the well head for work over rig. Rig down down travel to the shop
5/13/2015	7:00 - 7:30	0.50	ABANDT	48		P		HS, RIGGING UP RIG & EQUIP
	7:30 - 8:30	1.00	ABANDT	30	A	P		RIGGED UP RIG, SICP 300, FTP 200, CONTROL TBG & CSG W/ 25 BBLS T-MAC EACH.
	8:30 - 10:30	2.00	ABANDT	30	F	P		ND WH UNLAND TBG NOT STUCK, NU BOPS, RU FLOOR, UNLAND TBG & L/D HANGER.
	10:30 - 14:30	4.00	ABANDT	45	A	P		RU & SCAN OUT W/ 249 JTS 23/8 J-55, 81 YB, 128 BB, 40 RED, WALL LOSS & PITTING RD SCAN TECH.
	14:30 - 15:30	1.00	ABANDT	34	I	P		RU CUTTERS, RIH W/ GR TO 5160' POOH, RIH SET 4 1/2 HAL 8K CBP @ 5120' POOH RD WL.
	15:30 - 17:00	1.50	ABANDT	31	I	P		RIH W/ N/C & 138 JTS 23/8 J-55 EOT @ 4505' PREP TO CMT IN AM, SWI SDFN.
5/14/2015	7:00 - 7:30	0.50	ABANDT	48		P		HSM, WORKING W/ CEMENT CREW.
	7:30 - 9:30	2.00	ABANDT	51	D	P		RIH TAG CBP @ 5120' L/D 1 JT EOT @ 5114' RU PRO PETRO, FILL HOLE W/ 79 BBLS T-MAC, TEST CSG TO 500 PSI GOOD TEST. PUMPED 2.6 BBLS FRESH, 10 SKS 2 BBLS 15.8 1.15 YEILD CMT, 1 BBL FRESH, DISPL W/ 18.2 BBLS T-MAC, L/D 23 JTS EOT @ 4375', PUMPED 2.6 BBLS FRESH, 20 SKS 4.1 BBLS 15.8 1.15 YEILD CMT, 1 BBL FRESH, DISPL W/ 14.8 BBLS T-MAC. RD PRO PETRO.
								CBP @ 5120' 1ST CMT PLUG 4985'- 5114' 10 SKS CMT 2ND CMT PLUG 4111' - 4375' 20 SKS CMT
								LAT N 39° 57.976' LONG W 109° 27.201'
	9:30 - 15:00	5.50	ABANDT	31	I	P		L/D 134 JTS TBG & N/C, RD FLOOR, ND BOPS ND 11"5K SPOOL COVER 4 1/2 CSG SDFD WIND BLOWING TO HARD TO RIG DWN.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-1196-B
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		<b>8. WELL NAME and NUMBER:</b> NBU 1022-9E
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1634 FNL 0257 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNW Section: 09 Township: 10.0S Range: 22.0E Meridian: S		<b>9. API NUMBER:</b> 43047350930000
<b>PHONE NUMBER:</b> 720 929-6507		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/8/2016	<input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>	
<input type="checkbox"/> SPUD REPORT Date of Spud:		
<input type="checkbox"/> DRILLING REPORT Report Date:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <p style="text-align: center;">             The NBU 1022-9E well was returned to production on 1/08/2016 following a temporary abandonment. Please see the attached operations summary report for details. Thank you.           </p> <div style="text-align: right; margin-top: 20px;"> <p> <b>Accepted by the              Utah Division of              Oil, Gas and Mining</b>  <b>FOR RECORD ONLY</b>              January 12, 2016           </p> </div>		
<b>NAME (PLEASE PRINT)</b> Jennifer Thomas	<b>PHONE NUMBER</b> 720 929-6808	<b>TITLE</b> Regulatory Specialist
<b>SIGNATURE</b> N/A	<b>DATE</b> 1/12/2016	

US ROCKIES REGION  
Operation Summary Report

Well: NBU 1022-9E

Spud date: 8/24/2004

Project: UTAH-UINTAH

Site: NBU 1022-9E PAD

Rig name no.: MILES 2/2

Event: ABANDONMENT

Start date: 11/1/2015

End date: 1/4/2016

Active datum: GL @5,114.99usft (above Mean Sea Level)

UWI: NBU 1022-9E

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
11/1/2015	7:00 -							REBUILD PROD FACILITIES TO RETURN WELL TO PRODUCTION
12/30/2015	7:00 - 7:15	0.25	ABANDT	48		P		HSM,JSA-PINCH POINTS
	7:15 - 11:30	4.25	ABANDT	31	I	P		R/U TBG EQUIP. P/U 3-7/8" MILL AND POBS. P/U, TALLY AND P/U 129 JTS 2-3/8" P-110 TBG . TAGGED CMNT @ 4064'
	11:30 - 17:00	5.50	ABANDT	44	A	P		R/U PWR SWVL, BREAK CONV CIRC. (1 HR.) CLEAN OUT TO 4343' W/ 137 JTS. CIRC. WELL CLEAN. DRAIN EQUIP. SWIFN
12/31/2015	7:00 - 7:30	0.50	ABANDT	48		P		HSM, WORKING W/ AIR & N2 UNITS
	7:30 - 13:30	6.00	ABANDT	44	A	P		SICP 0, BROKE CIRC W/ AIR UNIT, D/O CMT F/ 4343'-4406' FELL FREE, KILL TBG POOH 11 JTS REM TSF, RIH TAG BACK UP ON 2ND CMT PLUG @ 5008' RU SWIVEL INSTALL TSF, BROKE CIRC W/ FOAM UNIT, D/O CMT F/ 5008' - 5114', D/O CBP @ 5120' RIH TO 5198' KILL TBG RD SWIVEL, PULL 6 JTS REM TSF. PU TBG TAG UP @ 8366'.
	13:30 - 14:30	1.00	ABANDT	31	I	P		
	14:30 - 17:00	2.50	ABANDT	44	D	P		INSTALLED TSF, RU SWIVEL BROKE CIRC W/ AIR/N2, C/O 2ND HALF OF CBP & SAND FROM 8366' - 8461' CIRC WELL CLN,PULL UP 1 JT EOT @ 8429' SWI LOCK RAMS SDFWE.
1/4/2016	7:00 - 7:30	0.50	ABANDT	48		P		HSM, MAKING SURE LINES ARE CLEAR FROM ICE.
	7:30 - 17:30	10.00	ABANDT	44	D	P		SICP 600 PSI, -5 DEGS, OPEN CSG TO PIT BROKE CIRC W/ AIR / FOAM, N2 UNIT HAS BAD SENSORE, C/O SAND F/ 8461' TO 8714' CIRC CLN W/ AIR/FOAM. KILL TBG RD SWIVEL. L/D 19 JTS, LAND TBG, ND BOPS NU WH, PUMPED OFF MILL, SWI FOR BUILD UP. RDMOL, MOVE RIG & EQUIP TO NBU 921-23B PAD.RIG UP SDFN.
								( NOTE CLEANED OUT W/ FOAM UNIT WILL NEED TO PURGE BEFORE START UP )
								KB = 15' 4" HANGER = .83' 256 JTS 23/8 P-110 = 8101.65' POBW W/ 1.875 X/N = 2.20' EOT @ 8119.68'
								315 JTS 23/8 P- 110 HAULED OUT 256 LANDED 59 TO RETURN