

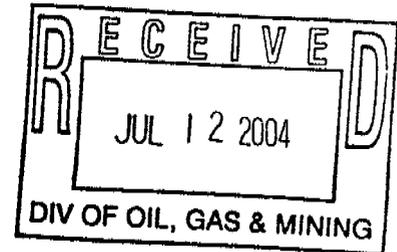


WESTPORT OIL AND GAS COMPANY, L.P.

1368 South 1200 East Vernal Utah 84078  
Telephone: 435-781-0166 Fax: 435-781-7095

July 6, 2004

Diana Whitney  
State of Utah  
Department of Oil, Gas & Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801



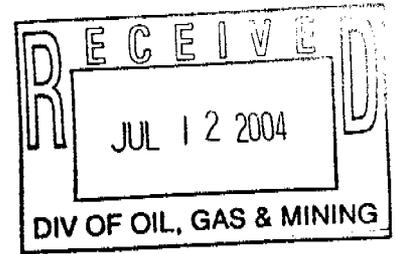
Dear Ms. Whitney:

Please find enclosed a copy of the report "Cultural Resource Inventory of Westport Oil and Gas Company's Eight Proposed Well Locations: NBU 1022-20A, C, E, G, I, K, M and 1022-17O (Lease #s ML-22974, UTU-470, and UTU-0469) with Access and Pipeline Corridors Uintah County, Utah." SITLA now requires us to send you a copy of this report because part of the area that was studied is on State lands.

If you have any questions, please feel free to contact me at (435)781-7060.

Sincerely,

Debra Domenici  
Sr. Administrative Assistant



CULTURAL RESOURCE INVENTORY OF  
WESTPORT OIL AND GAS COMPANY'S  
EIGHT PROPOSED WELL LOCATIONS:  
NBU 1022-20A,C,E,G,I, K, M and 1022-170  
(LEASE #s ML-22974, UTU-470, AND UTU-0469)  
WITH ACCESS AND PIPELINE CORRIDORS  
UINTAH COUNTY, UTAH

Melissa Elkins  
and  
Keith R. Montgomery

CULTURAL RESOURCE INVENTORY OF  
WESTPORT OIL AND GAS COMPANY'S  
EIGHT PROPOSED WELL LOCATIONS:  
NBU 1022-20A,C,E,G,I, K, M and 1022-170  
(LEASE #s ML-22974, UTU-470, AND UTU-0469)  
WITH ACCESS AND PIPELINE CORRIDORS  
UINTAH COUNTY, UTAH

By:

Melissa Elkins  
and  
Keith R. Montgomery

Prepared For:

Bureau of Land Management  
Vernal Field Office  
and  
Utah State Institutional Trust Lands Administration

Prepared Under Contract With:

Westport Oil and Gas Company  
1368 South 1200 East  
Vernal, Utah 84078

Prepared By:

Montgomery Archaeological Consultants  
P.O. Box 147  
Moab, Utah 84532

MOAC Report No. 04-135

June 28, 2004

United States Department of Interior (FLPMA)  
Permit No. 04-UT-60122

State of Utah Antiquities Project (Survey)  
Permit No. U-04-MQ-0557b,s

## INTRODUCTION

A cultural resource inventory was conducted by Montgomery Archaeological Consultants (MOAC) in June 2004 for eight proposed Westport Oil and Gas Company well locations with access road/pipeline corridors. The project area is located on East Bench east of Ouray in Uintah County, northeastern Utah. The proposed well locations are designated NBU #1022-20A, #1022-20C, #1022-20E, #1022-20G, #1022-20I, #1022-20K, #1022-20M, and #1022-17O. The survey was implemented at the request of Mr. Carroll Estes, Westport Oil and Gas Company, Vernal, Utah. The project is situated on lands administered by the Bureau of Land Management (BLM), Vernal Field Office, and SITLA land.

The objective of the inventory was to locate, document, and evaluate any cultural resources within the project area in order to comply with Section 106 of 36 CFR 800, the National Historic Preservation Act of 1966 (as amended). Also, the inventory was implemented to attain compliance with a number of federal and state mandates, including the National Environmental Policy Act of 1969, the Archaeological and Historic Conservation Act of 1972, the Archaeological Resources Protection Act of 1979, the American Indian Religious Freedom Act of 1978, and the Utah State Antiquities Act of 1973 (amended 1990).

The fieldwork was performed in June, 2004 by Keith Montgomery. The inventory was conducted under the auspices of U.S.D.I. (FLPMA) Permit No. 04-UT-60122, State of Utah Antiquities Permit (Survey) No. U-04-MQ-0557b,s issued to MOAC, Moab, Utah.

A file search for previous cultural resource inventories and archaeological sites was conducted by Marty Thomas at the Utah State Historic Preservation Office, Salt Lake City (May 26 and June 18, 2004). These consultations indicated that several cultural resource inventories have been conducted in the project area; however, no archaeological sites occur within the proposed well locations or access/pipeline corridors.

In 1978, Archeological-Environmental Research Corporation (AERC) conducted the Natural Buttes Cultural Mitigation Study (Hauck, Weder, and Kennette 1978). This inventory involved 3,760 acres resulting in the documentation of site 42Un658 to the east of the current project area.

AERC surveyed proposed well locations CIGE #14 and #16 for Colorado Interstate Gas Exploration in 1978 resulting in no cultural resources (Hauck 1978).

In 1979, AERC conducted archaeological reconnaissance of two well locations in the Natural Buttes locality for CIG Exploration, resulting in no cultural resources (Hauck 1979).

In 1981, AERC conducted inventories of four proposed well locations and access roads for Coastal Oil and Gas Corporation, resulting in no cultural resources (Hauck 1981a). However, two paleontological localities were identified.

AERC conducted an inventory of eight proposed well locations and access roads for CIG Exploration in 1981, resulting in the finding of one paleontologic site and three prehistoric isolated finds of artifacts (Hauck 1981b).

In 1981, Brigham Young University conducted an inventory of the TOSCO Corporation Sand Wash Project for the construction of a shale oil recovery plant and support facilities (Neilson 1981). The inventory resulted in the documentation of 23 new archaeological sites.

In 1990, the Bureau of Land Management conducted an inventory of six East Bench livestock reservoirs, resulting in no cultural resources (Phillips 1990).

In 2001, AERC conducted a cultural resource evaluation of nine proposed NBU and CIGE well locations and associated access/pipeline corridors, resulting in the documentation of site 42Un2797 (Hauck 2001). Site 42Un2797 is a prehistoric lithic scatter and historic inscription not recommended eligible to the NRHP.

## DESCRIPTION OF THE PROJECT AREA

Westport Oil and Gas Company's eight proposed well locations with access and pipelines routes are situated on East Bench, south of the Bitter Creek Gas Field and west of the White River. The legal description is Township 10 South, Range 22 East, Sections 17, 19, 20, and 21 (Figure 1, Table 1).

### Environmental Setting

The study area lies within the Uinta Basin physiographic unit, a distinctly bowl-shaped geologic structure (Stokes 1986:231). The Uinta Basin ecosystem is within the Green River drainage, considered to be the northernmost extension of the Colorado Plateau. The geology is comprised of Tertiary age deposits which include Paleocene age deposits, and Eocene age fluvial and lacustrine sedimentary rocks. The Uinta Formation, which is predominate in the project area, occurs as eroded outcrops formed by fluvial deposited, stream laid interbedded sandstone and mudstone, and is known for its prolific paleontological localities.

Specifically, the inventory area is situated on East Bench, just south of the Bitter Creek Gas Field. The area is heavily dissected and carved by ephemeral drainages. The surface geology consists of hard pan residual soil armored with shale and sandstone pebbles as well as some sand shadows. The elevation averages 5400 feet. The project occurs within the Upper Sonoran Desert Shrub Association which includes sagebrush, shadscale, greasewood, mat saltbush, snakeweed, rabbitbrush, prickly pear cactus, Indian ricegrass and non-native vegetation. Modern disturbances include grazing, roads, and oil/gas development.

Table 1. Westport Oil and Gas Company's Eight Well Locations and Access/Pipeline Corridors.

| Well Location Designation | Legal Location   | Access/Pipeline                              | Cultural Resources |
|---------------------------|--|--|--------------------|
| NBU #1022-20A             | T10S R22E Sec 20,<br>NE/NE<br>660' FNL, 660' FEL   | Access: 314.7 feet<br>Pipeline: 290.9 feet   | None               |
| NBU #1022-20C             | T10S R22E Sec 20,<br>NE/NW<br>514' FNL, 2346' FWL  | Access: 179.4 feet<br>Pipeline: 732.6 feet   | None               |
| NBU #1022-20E             | T10S R22E Sec 20,<br>SW/NW and SE/NW<br>2461' FNL, 1229' FWL                                 | Access: 2158.9 feet<br>Pipeline: 2062.9 feet | IF-A               |
| NBU #1022-20G             | T10S R22E Sec 20,<br>SW/NE and NW/NE<br>1507' FNL, 1813' FEL                                 | Access: 461.6 feet<br>Pipeline: 667.5 feet   | None               |
| NBU #1022-20I             | T10S R22E, SE/NE and<br>NE/SE of Sec 20; NW/SW<br>and SW/NW of Sec 21<br>2462' FSL, 154' FEL | Access: 1169.3 feet<br>Pipeline: 2445.3 feet | None               |
| NBU #1022-20K             | T10S R22E Sec 20,<br>NE/SW<br>2112' FSL, 2111' FWL   | Access: 1266.6 feet<br>Pipeline: 822.6 feet  | None               |
| NBU #1022-20M             | T10S R22E Sec 20,<br>SW/SW and SE/SW<br>733' FSL, 1139' FWL                                  | Access: 1334.9 feet<br>Pipeline: 1715.2 feet | None               |
| NBU #1022-17O             | T10S R22E Sec 17,<br>SW/SE<br>464' FSL, 2250' FEL  | Access: 314.7 feet<br>Pipeline: 290.9 feet   | None               |

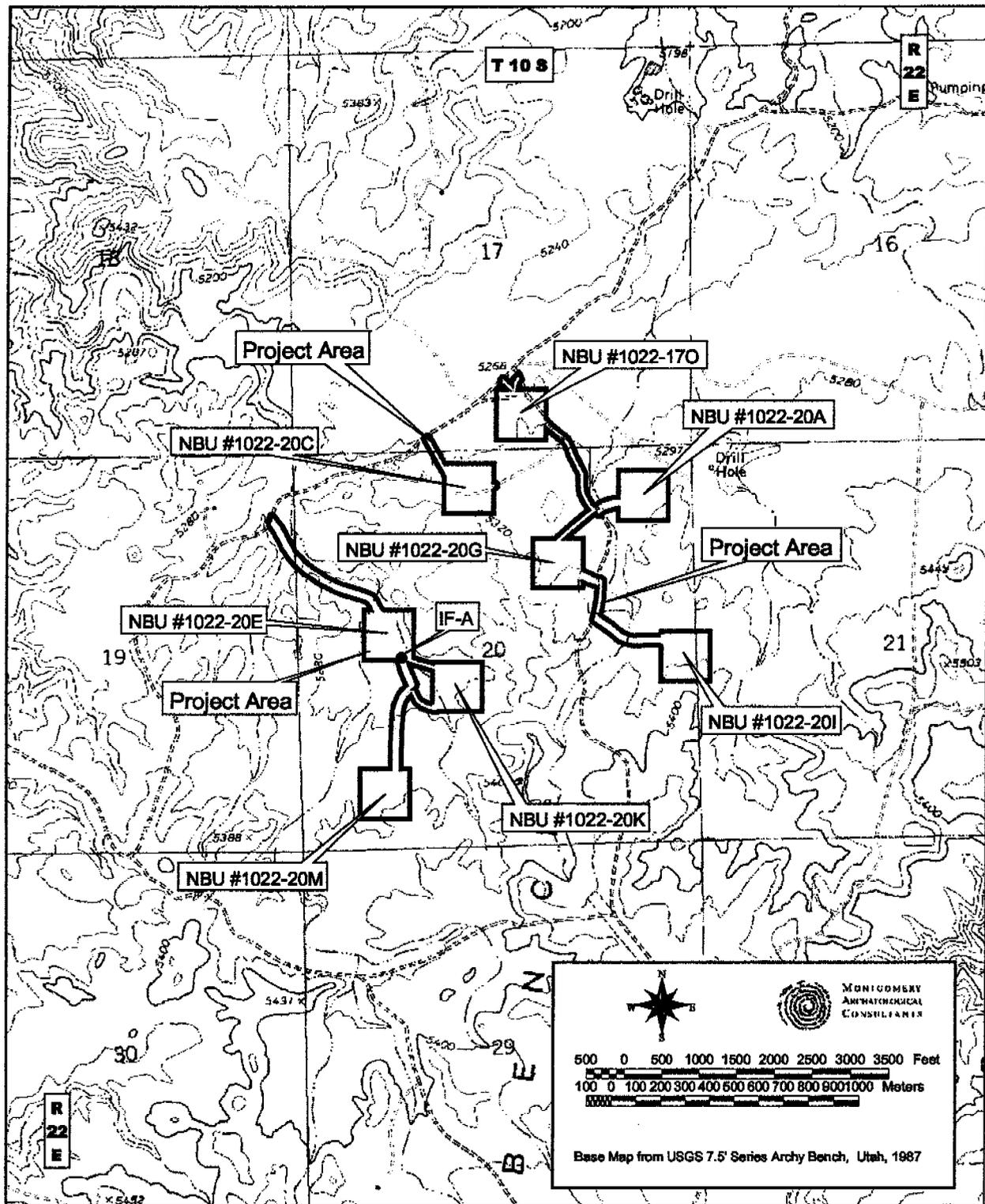


Figure 1. Inventory Area of Westport Oil and Gas Company's Proposed Eight Well Locations in T10S, R22E, Sections 17, 19, 20, and 21 Showing Cultural Resources, Uintah County, Utah.

## SURVEY METHODOLOGY

An intensive pedestrian survey was performed by the archaeologist walking parallel transects spaced no more than 10 m (32.8 ft) apart, which is considered 100% coverage for this project. At each of the proposed well locations, a 10 acre square was defined, centered on the well pad center stake. Access roads and pipeline corridors were surveyed to a width of 30 m (98.4 ft) when they occurred separately and 45 m (147.6 ft) when they occurred together. Ground visibility was considered good. A total of 105.7 acres was inventoried for cultural resources, of which 53.5 acres occurs on BLM-administrated land, and 52.2 acres occurs on SITLA lands.

## RESULTS AND RECOMMENDATIONS

The inventory of Westport Oil and Gas Company's proposed eight well locations with access/pipeline corridors resulted in the recordation of one isolated find of artifact.

Isolated Find A (IF-A) is located within proposed well location NBU #1022-20E in the NW/NE/SW of Section 20, T10S R22E, UTM: 630966E/4421348N. It consists of one gray opaque chert secondary flake, one gray opaque chert tertiary flake, one gray opaque chert primary flake, and one dark gray opaque chert prepared core with ten flakes removed from narrow margins and crushing observed along three margins (4.5 x 3.5 x 3 cm).

No archaeological sites were found within any of the proposed well locations or access/pipeline routes. Based on the findings, archaeological clearance is recommended for this undertaking.

## REFERENCES CITED

- Hauck, F.R., D.G. Weder, and S. Kennette  
1978 Final Report on the Natural Buttes Cultural Mitigation Study. Archeological-Environmental Research Corporation, Salt Lake City, Utah. Report No. U-78-AF-0348b.
- Hauck, F.R.  
1978 Cultural Resource Inventory of the CIGE #14 and CIGE #16 Well Locations for Colorado Interstate Gas Exploration in the White River Locality of Uintah County, Utah. Archeological-Environmental Research Corporation, Salt Lake City, Utah. Report No. U-78-AF-0220b.

- Hauck, F.R.  
 1979 Archaeological Reconnaissance of Two Well Locations in the Natural Buttes Locality of Uintah County, Utah. Archeological-Environmental Research Corporation, Salt Lake City, Utah. Report No. U-79-AF-0316b.
- 1981a Cultural Resource Inventory of Four Proposed Well Locations and Access Roads in the Natural Buttes Locality of Uintah County, Utah. Archeological-Environmental Research Corporation, Salt Lake City, Utah. Report No. U-81-AF-0673b.
- 1981b Cultural Resource Inventory of Eight Proposed Well Locations and Access Roads in the Natural Buttes Locality of Uintah County, Utah. Archeological-Environmental Research Corporation, Salt Lake City, Utah. Report No. U-81-AF-0676b.
- 2001 Cultural Resource Evaluation of Nine Proposed NBU and CIGE Well Locations and Associated Access/Pipeline Corridors in the East Bench Locality. Archeological-Environmental Research Corporation, Salt Lake City, Utah. Report No. U-01-AF-0204b.
- Neilson, A.  
 1981 A Cultural Resource Inventory of the TOSCO Corporation Sand Wash Project in Uintah County, Eastern Utah. Brigham Young University, Provo, Utah. Report No. U-81-BC-0721b.
- Phillips, B.  
 1990 An Archaeological Survey of Six East Bench Reservoirs, Uintah County, Utah. Bureau of Land Management, Vernal, Utah. Report No. U-90-BL-540b.
- Stokes, W.L.  
 1986 *Geology of Utah*. Utah Museum of Natural History and Utah Geological and Mineral Survey, Salt Lake City.

WESTPORT OIL AND GAS COMPANY, L.P.  
NBU #1022-20C  
SECTION 20, T10S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 11.2 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 8.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 1.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY DIRECTION APPROXIMATELY 250' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 53.3 MILES.

# WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1022-20C

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 20, T10S, R22E, S.L.B.&M.

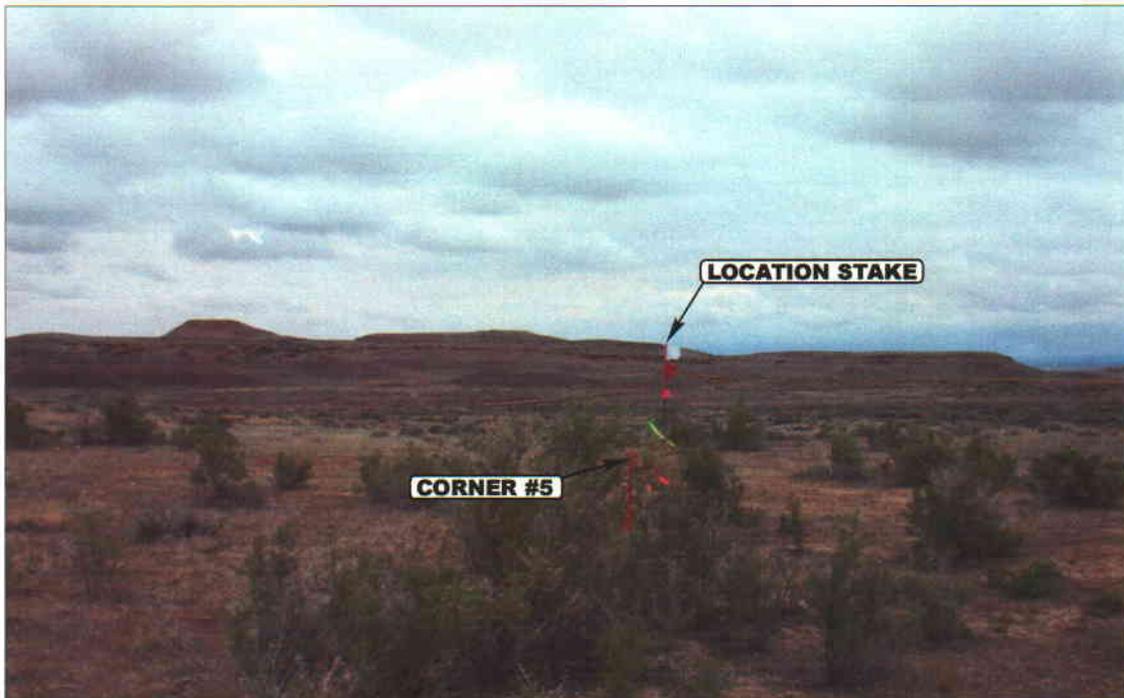


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: WESTERLY



- Since 1964 -

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

LOCATION PHOTOS

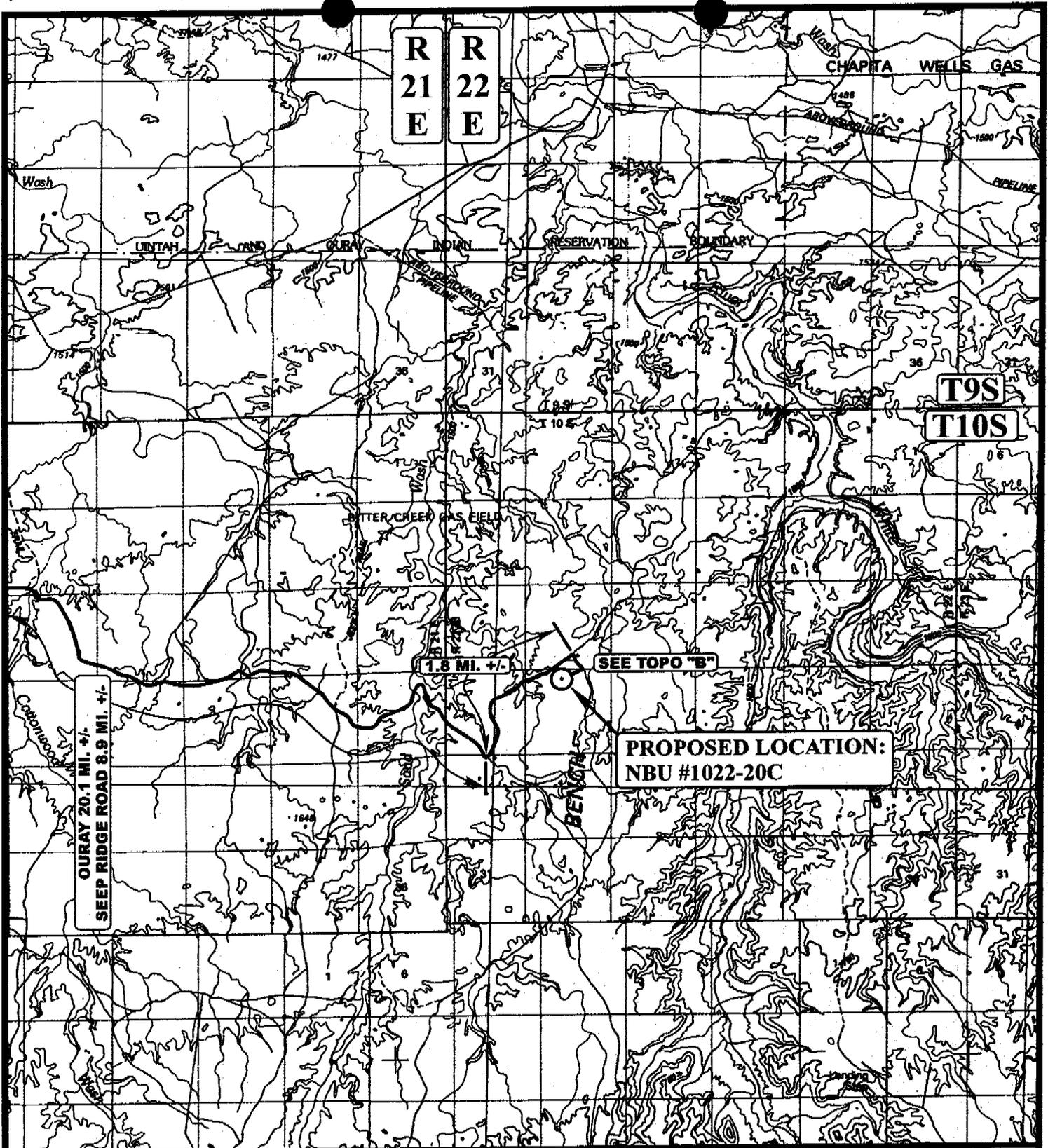
05 13 04  
MONTH DAY YEAR

PHOTO

TAKEN BY: K.K.

DRAWN BY: P.M.

REVISED: 00-00-00



**LEGEND:**

○ PROPOSED LOCATION



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

NBU #1022-20C  
SECTION 20, T10S, R22E, S.L.B.&M.  
514' FNL 2346' FWL

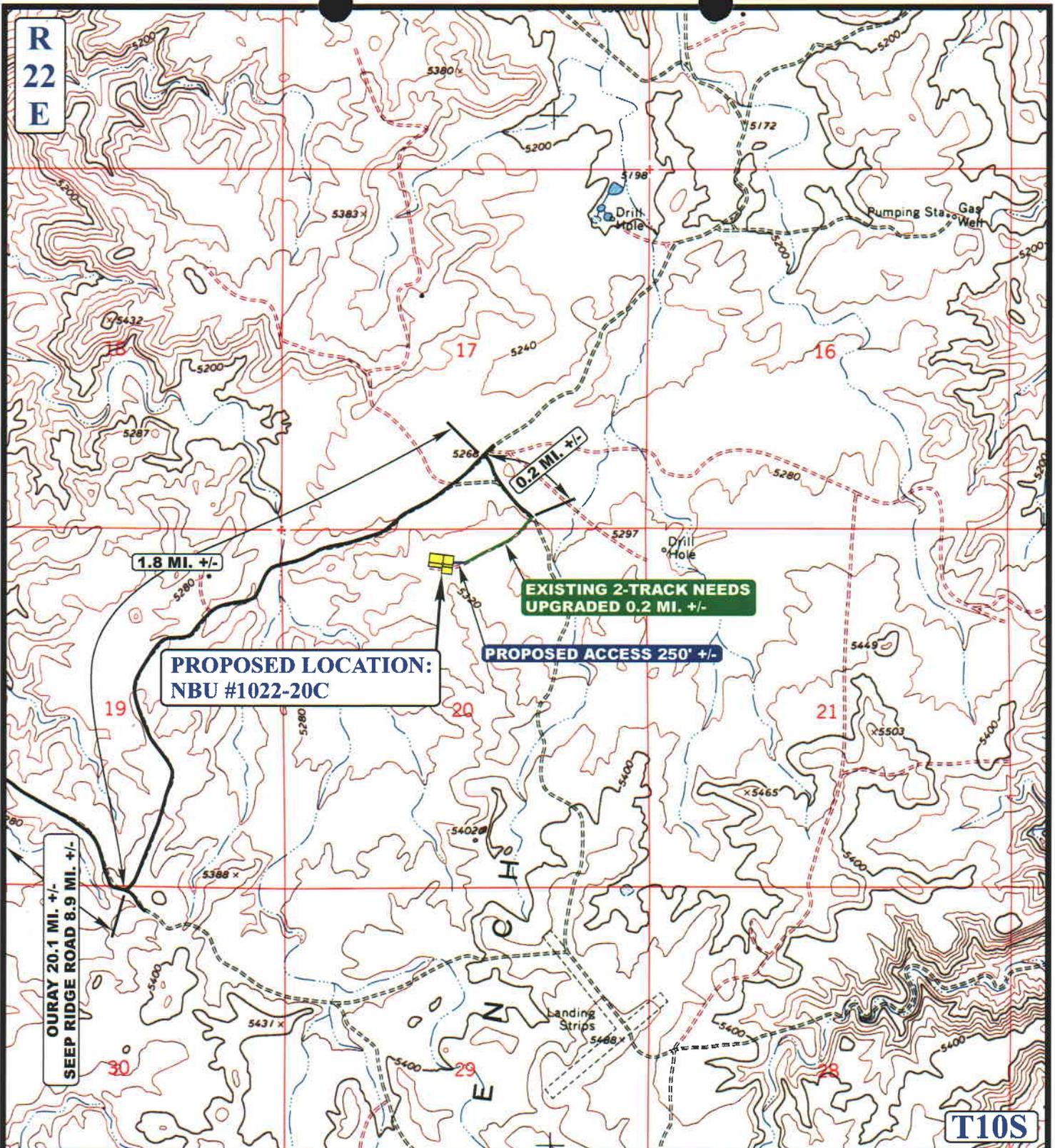


**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC** 05 13 04  
MAP MONTH DAY YEAR  
SCALE: 1:100,000 DRAWN BY: P.M. REVISED: 00-00-00



R  
22  
E



T10S

**LEGEND:**

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD
-  EXISTING 2-TRACK NEEDS UPGRADED



WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1022-20C  
 SECTION 20, T10S, R22E, S.L.B.&M.  
 514' FNL 2346' FWL

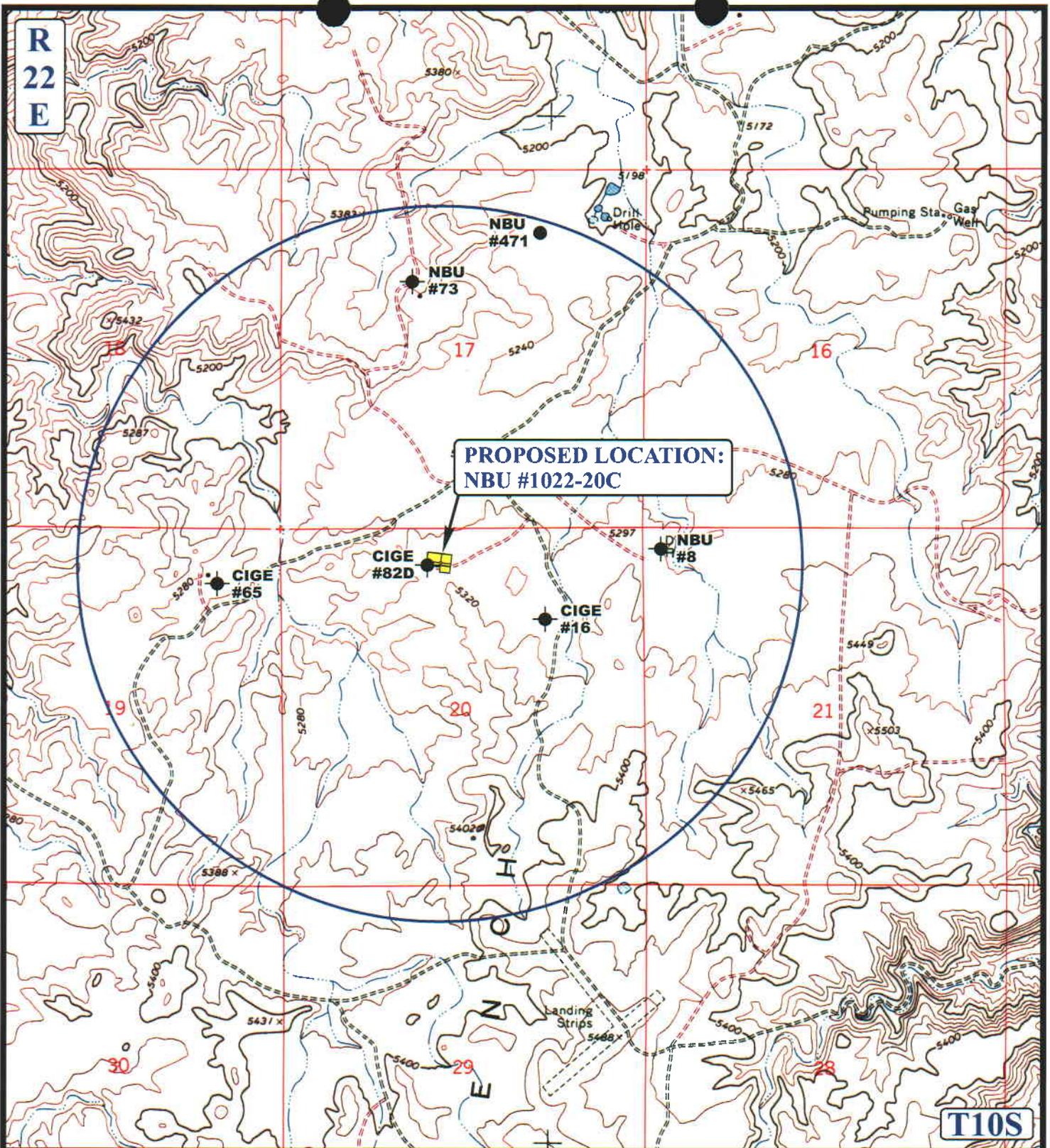


Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

TOPOGRAPHIC MAP  
 05 13 04  
 MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00



R  
22  
E



**PROPOSED LOCATION:  
NBU #1022-20C**

**T10S**

**LEGEND:**

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



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

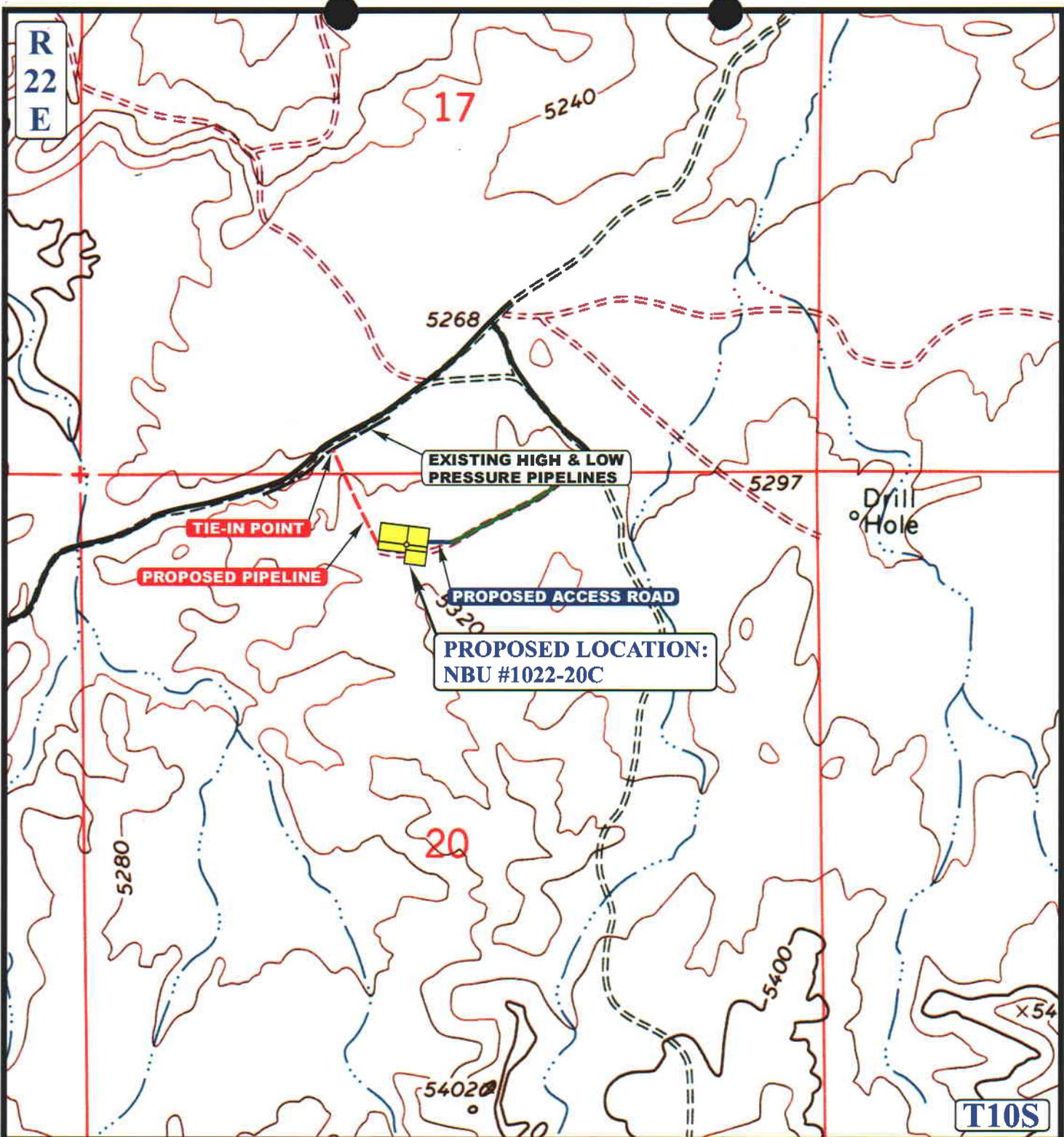
**NBU #1022-20C**  
**SECTION 20, T10S, R22E, S.L.B.&M.**  
**514' FNL 2346' FWL**



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

**TOPOGRAPHIC** 05 13 04  
**MAP** MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00





**APPROXIMATE TOTAL PIPELINE DISTANCE = 800' +/-**

**LEGEND:**

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE

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

**NBU #1022-20C**

**SECTION 20, T10S, R22E, S.L.B.&M.**

**514' FNL 2346' FWL**



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



**TOPOGRAPHIC**  
**MAP**

**05 13 04**  
 MONTH DAY YEAR

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

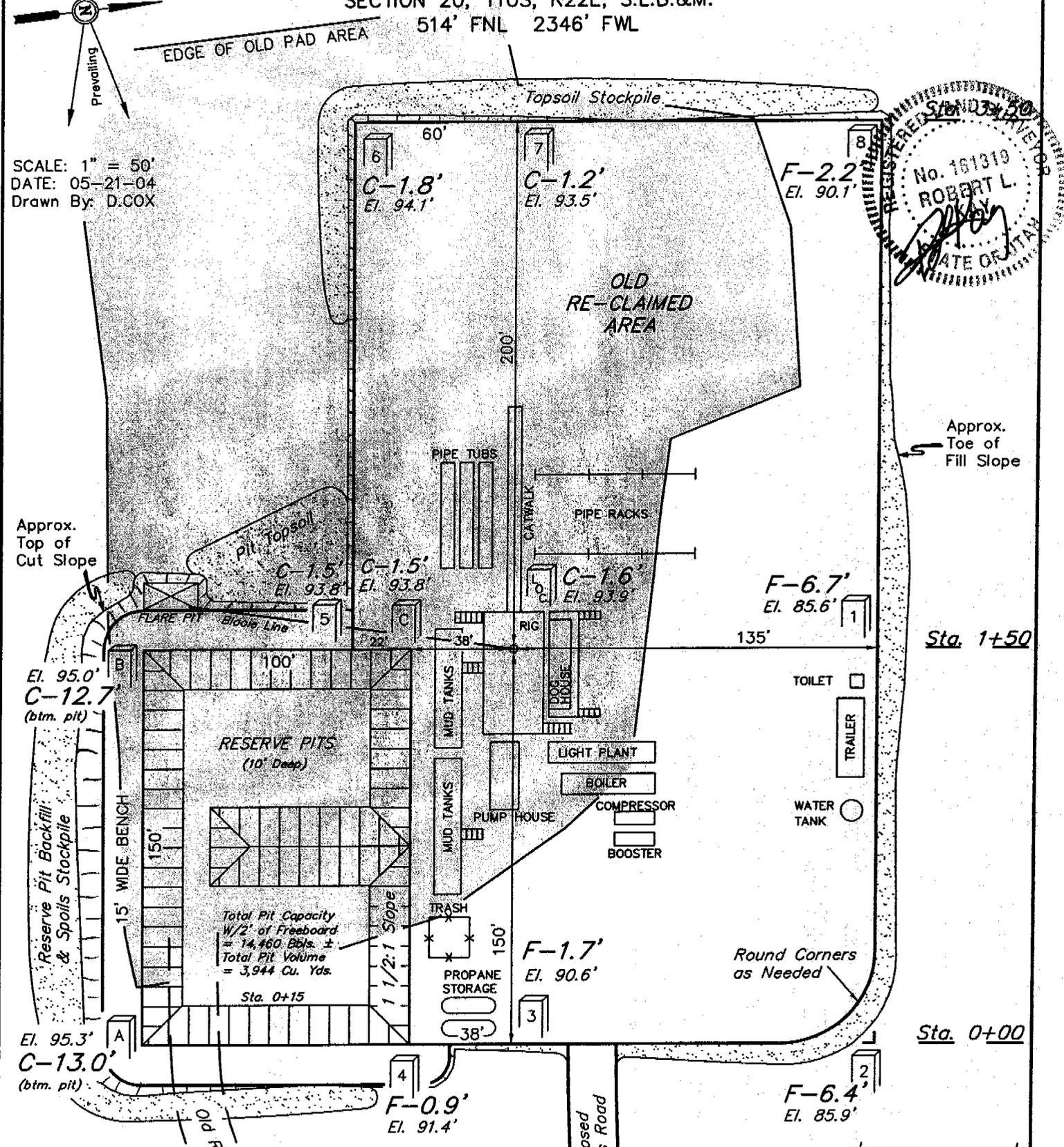
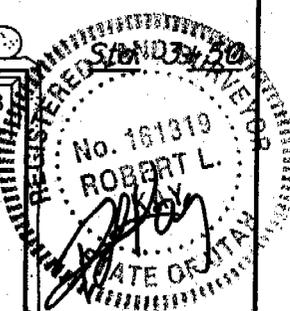
**D**  
**TOPO**

# WESTPORT OIL AND GAS COMPANY, L.P.

## LOCATION LAYOUT FOR

NBU #1022-20C  
SECTION 20, T10S, R22E, S.L.B.&M.  
514' FNL 2346' FWL

SCALE: 1" = 50'  
DATE: 05-21-04  
Drawn By: D.COX



**NOTES:**  
Elev. Ungraded Ground at Location Stake = 5293.9'  
Elev. Graded Ground at Location Stake = 5292.3'

**FIGURE #1**  
UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

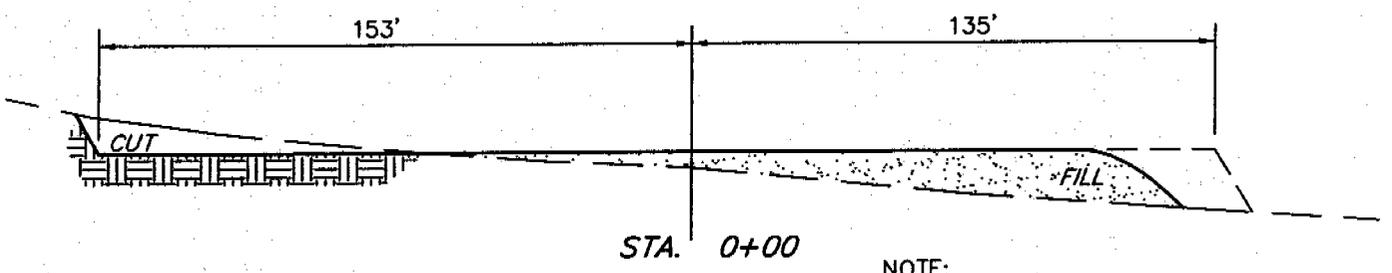
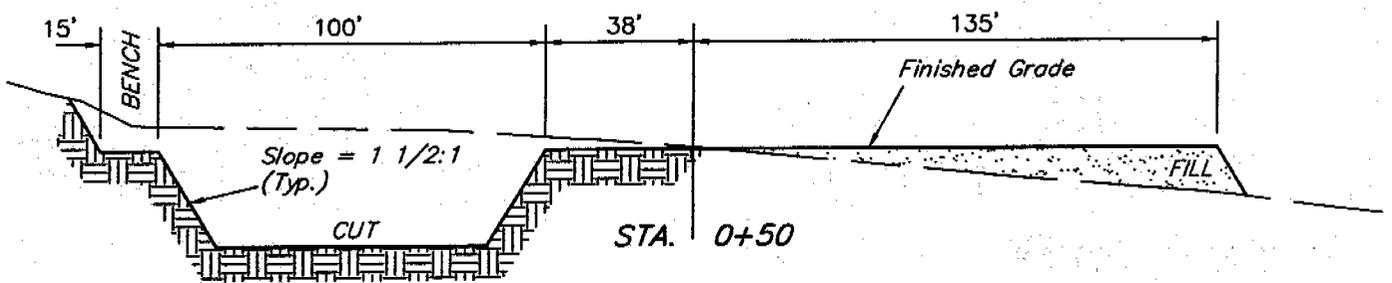
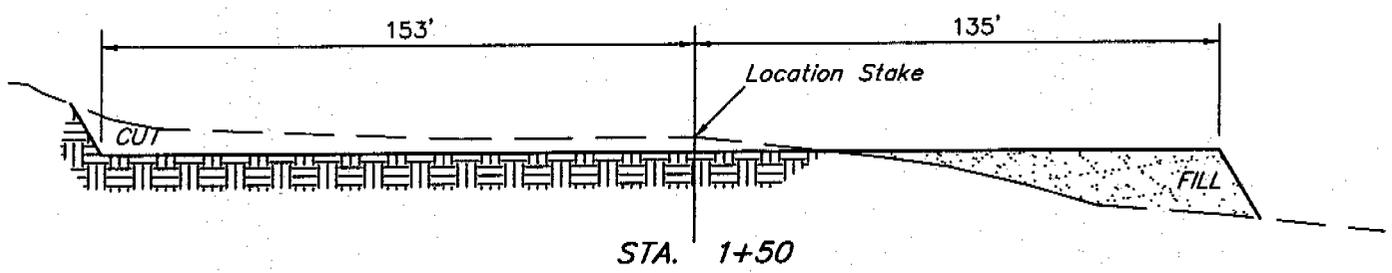
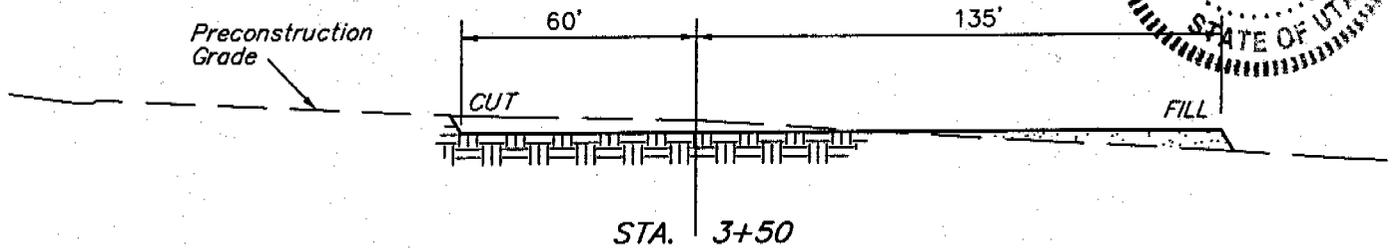
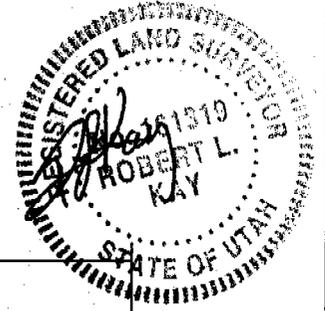
WESTPORT OIL AND GAS COMPANY, L.P.

FIGURE #2

TYPICAL CROSS SECTIONS FOR

NBU #1022-20C  
SECTION 20, T10S, R22E, S.L.B.&M.  
514' FNL 2346' FWL

1" = 20'  
X-Section  
Scale  
1" = 50'  
DATE: 05-18-04  
Drawn By: D.COX



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

\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

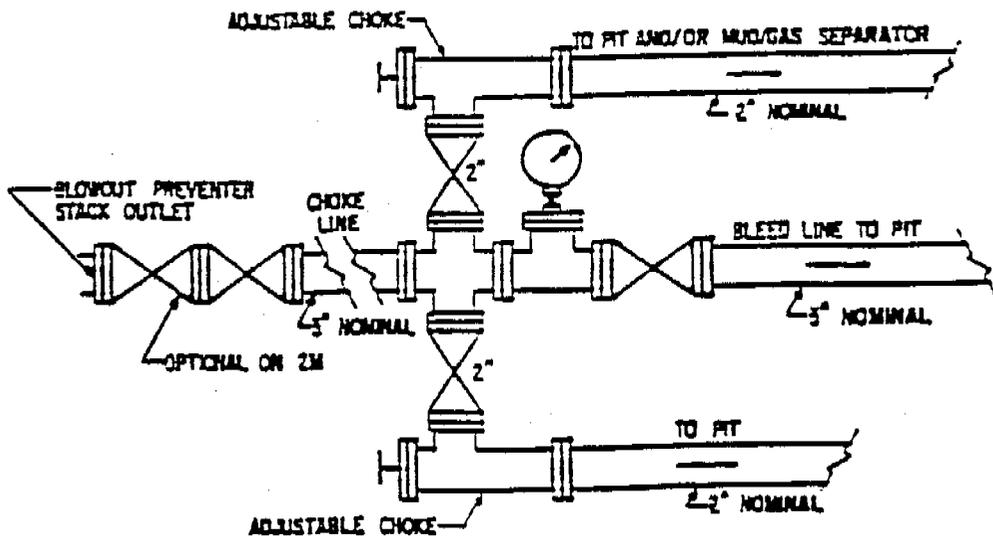
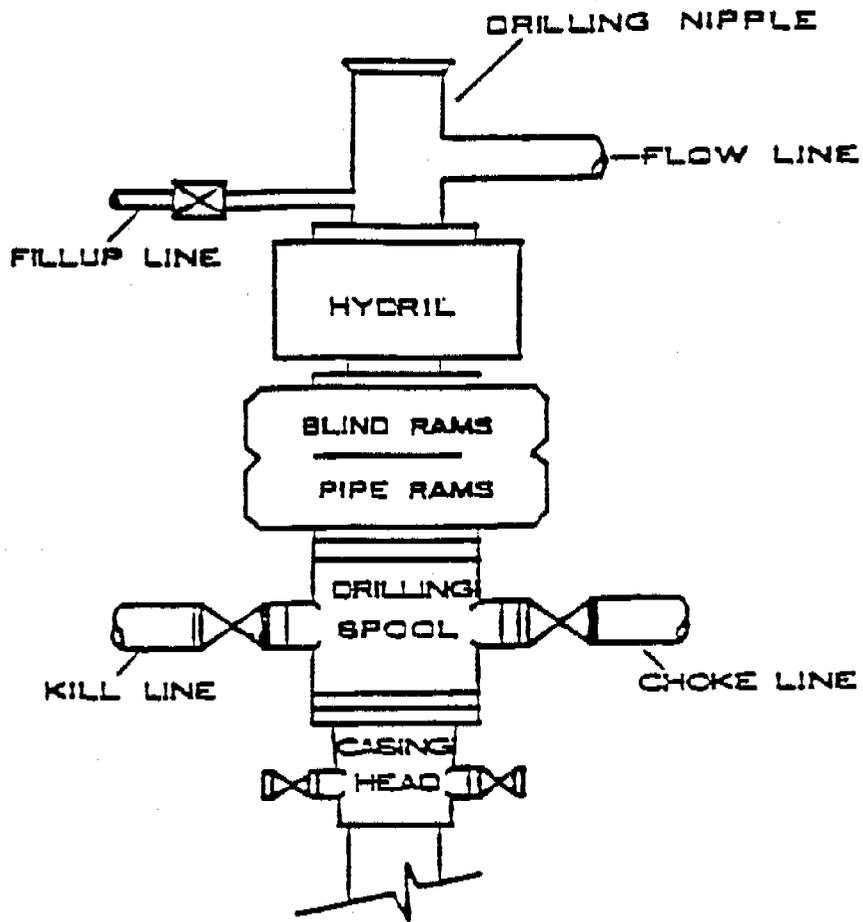
**APPROXIMATE YARDAGES**

|                        |                        |
|------------------------|------------------------|
| <b>CUT</b>             |                        |
| (6") Topsoil Stripping | = 1,750 Cu. Yds.       |
| Remaining Location     | = 6,050 Cu. Yds.       |
| <b>TOTAL CUT</b>       | <b>= 7,800 CU.YDS.</b> |
| <b>FILL</b>            | <b>= 4,030 CU.YDS.</b> |

|  |   |       |          |
|--|---|-------|----------|
| EXCESS MATERIAL                            | = | 3,770 | Cu. Yds. |
| Topsoil & Pit Backfill<br>(1/2 Pit Vol.)   | = | 3,720 | Cu. Yds. |
| EXCESS UNBALANCE<br>(After Rehabilitation) | = | 50    | Cu. Yds. |

3,000 PSI

# BOP STACK



001

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

FORM 3

AMENDED REPORT   
(highlight changes)

|  |   |  |   |                      |
|--|---|--|---|----------------------|
| <b>APPLICATION FOR PERMIT TO DRILL</b>   |   |  | 5. MINERAL LEASE NO:<br>ML-22974                                    | 6. SURFACE:<br>State |
| 1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>   |   |  | 7. IF INDIAN, ALLOTTEE OR TRIBE NAME:                               |                      |
| B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/> |   |  | 8. UNIT or CA AGREEMENT NAME:<br>NATURAL BUTTES UNIT                |                      |
| 2. NAME OF OPERATOR:<br>WESTPORT OIL & GAS COMPANY L.P.  |   |  | 9. WELL NAME and NUMBER:<br>NBU 1022-20C                            |                      |
| 3. ADDRESS OF OPERATOR:<br>1368 S 1200 E CITY VERNAL STATE UT ZIP 84078  |   | PHONE NUMBER:<br>(435) 781-7024            | 10. FIELD AND POOL, OR WILDCAT:<br>NATURAL BUTTES                   |                      |
| 4. LOCATION OF WELL (FOOTAGES)<br>AT SURFACE: 514'FNL & 2346'FWL<br>AT PROPOSED PRODUCING ZONE:  |   |  | 11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:<br>NENW 20 10S 22E |                      |
| 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE:<br>31.2 MILES SOUTHEAST OF OURAY, UTAH   |   |  | 12. COUNTY:<br>UINTAH   | 13. STATE:<br>UTAH   |
| 15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET)<br>514'  | 16. NUMBER OF ACRES IN LEASE:<br>320.00 | 17. NUMBER OF ACRES ASSIGNED TO THIS WELL: |   |                      |
| 18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)<br>REFER TO TOPO C   | 19. PROPOSED DEPTH:<br>8,600            | 20. BOND DESCRIPTION:<br>RLB0005238        |   |                      |
| 21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.):<br>5294' GL  | 22. APPROXIMATE DATE WORK WILL START:   | 23. ESTIMATED DURATION:                    |   |                      |

24. **PROPOSED CASING AND CEMENTING PROGRAM**

| SIZE OF HOLE | CASING SIZE, GRADE, AND WEIGHT PER FOOT | SETTING DEPTH | CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT |
|--------------|---|---------------|---|
| 12 1/4"      | 9 5/8" H-40 32.3#                       | 1,600         | 265 SX  |
| 7 7/8"       | 4 1/2" I-80 11.6#                       | 8,600         | 1810 SX   |
|              |   |               |   |
|              |   |               |   |
|              |   |               |   |
|              |   |               |   |
|              |   |               |   |

25. **ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

|  |  |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER     | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN                                   |
| <input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER | <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |

NAME (PLEASE PRINT) SHEILA UPCHEGO TITLE REGULATORY ANALYST  
 SIGNATURE *[Signature]* DATE 8/12/2004

(This space for State use only)

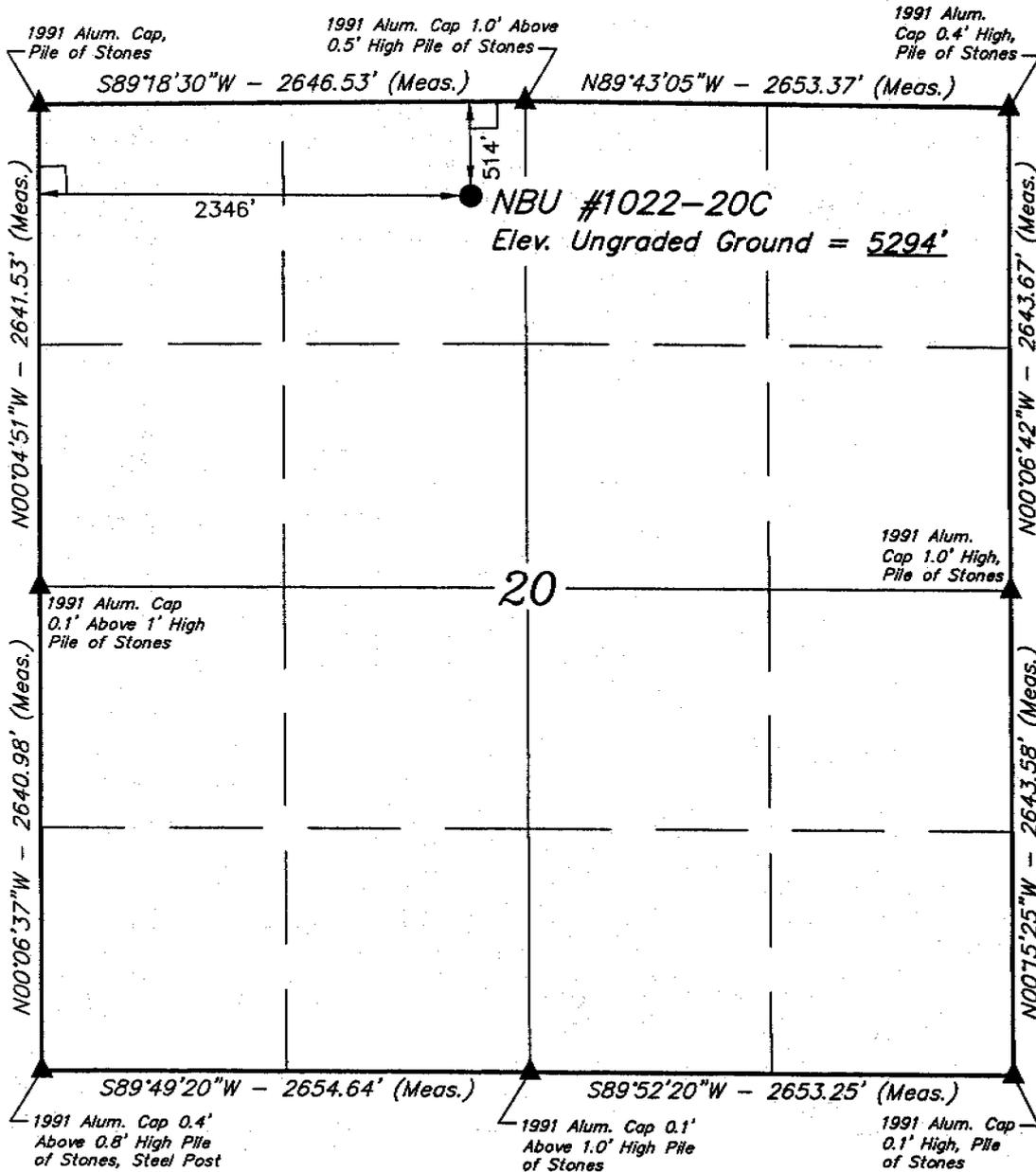
API NUMBER ASSIGNED: 43-047-35893

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 09-23-04  
By: *[Signature]*

RECEIVED  
AUG 18 2004  
DIV. OF OIL, GAS & MINING

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



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

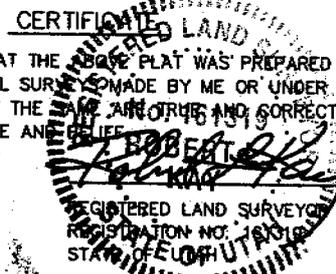
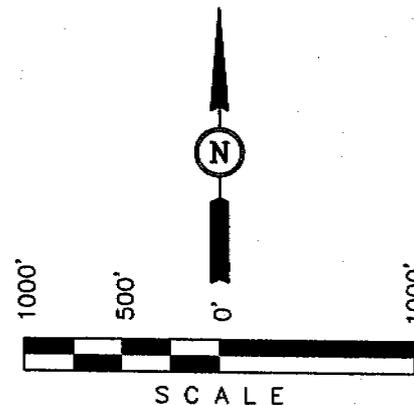
Well location, NBU #1022-20C, located as shown in the NE 1/4 NW 1/4 of Section 20, T10S, R22E, S.L.B.&M. Uintah County, Utah.

### 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.



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

### LEGEND:

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

(NAD 83)  
 LATITUDE = 39°56'25.17" (39.940325)  
 LONGITUDE = 109°27'52.87" (109.464686)

## UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

|                          |  |                         |
|--------------------------|--|-------------------------|
| SCALE<br>1" = 1000'      | DATE SURVEYED:<br>05-11-04                 | DATE DRAWN:<br>05-18-04 |
| PARTY<br>K.K. B.W. D.COX | REFERENCES<br>G.L.O. PLAT                  |                         |
| WEATHER<br>WARM          | FILE<br>WESTPORT OIL AND GAS COMPANY, L.P. |                         |

NBU #1022-20C  
NE/NW Sec. 20, T10S, R22E  
UINTAH COUNTY, UTAH  
ML-22974

ONSHORE ORDER NO. 1

***DRILLING PROGRAM***

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

| <u>Formation</u> | <u>Depth</u> |
|------------------|--------------|
| Uinta            | Surface      |
| Green River      | 950'         |
| Wasatch          | 4200'        |
| Mesaverde        | 6700'        |
| TD               | 8700'        |

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

| <u>Substance</u> | <u>Formation</u> | <u>Depth</u> |
|------------------|------------------|--------------|
|                  | Green River      | 950'         |
| Gas              | Wasatch          | 4200'        |
| Gas              | Mesaverde        | 6700'        |
| Water            | N/A              |              |
| Other Minerals   | N/A              |              |

3. **Pressure Control Equipment** (Schematic Attached)

*Please see the attached Drilling Program.*

4. **Proposed Casing & Cementing Program:**

*Please see the attached Drilling Program*

5. **Drilling Fluids Program:**

*Please see the attached Drilling Program.*

6. **Evaluation Program:**

*Please see the attached Drilling Program.*

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 8,700' TD, approximately equals 3480 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1556 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 the attached Drilling Program.*

10. **Other Information:**

*Please see the attached Drilling Program.*





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

**CASING PROGRAM**

|            | SIZE   | INTERVAL  | WT.   | GR.          | CPLG. | DESIGN FACTORS |          |         |
|------------|--------|-----------|-------|--------------|-------|----------------|----------|---------|
|            |        |           |       |              |       | BURST          | COLLAPSE | TENSION |
| CONDUCTOR  | 14"    | 0-40'     |       |              |       | 2270           | 1370     | 254000  |
| SURFACE    | 9-5/8" | 0 to 1600 | 32.30 | H-40         | STC   | 7780           | 1.83     | 5.61    |
| PRODUCTION | 4-1/2" | 0 to 8700 | 11.60 | M-80 or I-80 | LTC   | 2.98           | 1.40     | 2.28    |

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)  
 2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)  
 (Burst Assumptions: TD = 10.0 ppg) .22 psi/ft = gradient for partially evac wellbore  
 (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing\*Buoy.Fact. of water)  
 MASP 2610 psi

Burst SF is low but csg is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.3 ppg or 1.18 psi/ft

**CEMENT PROGRAM**

|            |                 | FT. OF FILL | DESCRIPTION   | SACKS   | EXCESS | WEIGHT | YIELD |
|------------|-----------------|-------------|---|---------|--------|--------|-------|
| SURFACE    | LEAD            | 500         | Premium cmt + 2% CaCl<br>+ .25 pps flocele  | 215     | 60%    | 15.60  | 1.18  |
| Option 1   | TOP OUT CMT (1) | 200         | 20 gals sodium silicate + Premium cmt<br>+ 2% CaCl + .25 pps flocele  | 50      |        | 15.60  | 1.18  |
|            | TOP OUT CMT (2) | as required | Premium cmt + 2% CaCl   | as req. |        | 15.60  | 1.18  |
| SURFACE    | LEAD            | 1500        | NOTE: if well will circulate water to surface, option 2 will be utilized<br>Prem cmt + 16% Gel + 10 pps gilsonite<br>+ .25 pps Flocele + 3% salt BWOC | 170     | 35%    | 11.00  | 3.82  |
| Option 2   | TAIL            | 500         | Premium cmt + 2% CaCl<br>+ .25 pps flocele  | 180     | 35%    | 15.60  | 1.18  |
|            | TOP OUT CMT     | as required | Premium cmt + 2% CaCl   | as req. |        | 15.60  | 1.18  |
| PRODUCTION | LEAD            | 3,700'      | Premium Lite II + 3% KCl + 0.25 pps<br>celloflake + 5 pps gilsonite + 10% gel<br>+ 0.5% extender  | 410     | 60%    | 11.00  | 3.38  |
|            | TAIL            | 5,000'      | 50/50 Poz/G + 10% salt + 2% gel<br>+ .1% R-3  | 1400    | 60%    | 14.30  | 1.31  |

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

**FLOAT EQUIPMENT & CENTRALIZERS**

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

**ADDITIONAL INFORMATION**

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.  
 BOPE: 11" 3M with one annular and 2 rams. Test to 3,000 psi (annular to 1,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.  
 Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

DRILLING ENGINEER: \_\_\_\_\_ DATE: \_\_\_\_\_  
 Brad Laney  
 DRILLING SUPERINTENDENT: \_\_\_\_\_ DATE: \_\_\_\_\_  
 Randy Bayne DHD\_NBU1022-20C\_APD

NBU #1022-20C  
NE/NW Sec. 20, T10S-R22E  
Uintah County, UT  
ML-22974

**ONSHORE ORDER NO. 1**

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

**1. Existing Roads:**

Refer to Topo Map A for directions to the location.

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

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

***Improvements to existing access roads shall be determined at the on-site inspection.***

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

**2. Planned Access Roads:**

Refer to Topo Map B for the location of the proposed access road.

The upgraded and new portions of the access road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30 feet, ***unless modified at the on-site inspection.*** Appropriate water control will be installed to control erosion.

***Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities shall be determined at the on-site.***

The access road was centerline flagged during time of staking.

Surfacing material may be necessary, depending upon weather conditions.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

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

Please refer to Topo Map C.

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

***The following guidelines will apply if the well is productive.***

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

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 required color is Carlsbad Canyon, standard color number 2.5Y 6/2.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Refer to Topo D for the proposed pipeline.

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

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec. 32, T4S, R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

6. **Source of Construction Materials:**

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

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

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids. *The need for a reserve pit liner will be determined at the on-site inspection.*

If a plastic reinforced liner is used, it will be a minimum of 12 mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

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.

8. **Ancillary Facilities:**

None are anticipated.

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). *This section is subject to modification as a result of the on-site inspection.*

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

If it is determined that a pit liner will be used at the on-site inspection, the reserve pit will be lined, and when the reserve pit is closed, the pit liner will be buried below plow depth.

All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Location size may change prior to the drilling of the well due to 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 9 shall be submitted.

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

*Producing Location:*

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

If a plastic, nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water (s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

*Dry Hole/Abandoned Location:*

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

11. **Surface Ownership:**

SITLA  
675 East 500 South, Suite 500  
Salt Lake City, UT 84102

12. **Other Information:**

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

A Class III archaeological survey will be submitted when 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:**

Sheila Upchego  
Regulatory Analyst  
Westport O&G Co. L.P.  
P.O. Box 1148  
Vernal, UT 84078  
(435) 781-7024

Randy Bayne  
Drilling Manager  
Westport O&G Co. L.P.  
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.

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.

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

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Westport O&G Co. L.P. State Surety Bond: RLB0005238.

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

  
Sheila Upchego

8/12/04

\_\_\_\_\_  
Date

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/18/2004

API NO. ASSIGNED: 43-047-35893

WELL NAME: NBU 1022-20C

OPERATOR: WESTPORT OIL & GAS CO ( N2115 )

CONTACT: SHEILA UPCHEGO

PHONE NUMBER: 435-781-7024

PROPOSED LOCATION:

NEW 20 100S 220E

SURFACE: 0514 FNL 2346 FWL

BOTTOM: 0514 FNL 2346 FWL

UINTAH

NATURAL BUTTES ( 630 )

LEASE TYPE: 3 - State

LEASE NUMBER: ML-22974

SURFACE OWNER: 3 - State

PROPOSED FORMATION: MVRD

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

| Tech Review | Initials | Date    |
|-------------|----------|---------|
| Engineering | DWD      | 9/15/04 |
| Geology     |          |         |
| Surface     |          |         |

LATITUDE: 39.94000

LONGITUDE: -109.4642

RECEIVED AND/OR REVIEWED:

Plat  
 Bond: Fed[] Ind[] Sta[] Fee[]  
(No. RLB0005236 )

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 n bary of uncomm. tract

\_\_\_ R649-3-11. Directional Drill

COMMENTS: Needs Quiz (09-08-04)

STIPULATIONS: 1- Surface Cas Cont stop  
2- Oil shale  
3- STATEMENT OF BASIS



# 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)

August 26, 2004

Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2004 Plan of Development Natural Buttes Unit  
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2004 within the Natural Buttes Unit, Uintah County, Utah.

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

(Proposed PZ Mesaverde)

|              |   |  |
|--------------|---|--|
| 43-047-35789 | STATE 1022-20 Sec 2 T10S R22E 0155 FSL 1477 FEL |  |
| 43-047-35893 | NBU 1022-20C Sec 20 T10S R22E 0514 FNL 2346 FWL |  |
| 43-047-35892 | NBU 1022-20M Sec 20 T10S R22E 0733 FSL 1139 FWL |  |
| 43-047-35894 | NBU 1022-20E Sec 20 T10S R22E 2461 FNL 1229 FWL |  |
| 43-047-35895 | NBU 1022-20K Sec 20 T10S R22E 2112 FSL 2111 FWL |  |
| 43-047-35896 | NBU 1022-20G Sec 30 T10S R22E 2016 FNL 2300 FEL |  |

Please be advised that State 1022-20 was previously reviewed on June 9, 2004. In that memo the well location was Sec 2 T10S R22E 0477 FSL 1728 FEL.

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  
Central Files  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:8-26-04

**DIVISION OF OIL, GAS AND MINING  
APPLICATION FOR PERMIT TO DRILL  
STATEMENT OF BASIS**

**OPERATOR:** WESTPORT OIL AND GAS COMPANY, L.P.  
**WELL NAME & NUMBER:** NBU 1022-20C  
**API NUMBER:** 43-047-35893  
**LOCATION:** 1/4,1/4 NE/NW Sec: 20 TWP: 10S RNG: 22E 2346' FWL 514' FNL

**Geology/Ground Water:**

Westport proposes to set 1,600' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 5,000'. A search of Division of Water Rights records shows 1 water well within a 10,000 foot radius of the center of section 20. This well is approximately 1.5 miles from the proposed location and produces from a depth of 1850'. The well is owned by the BLM and its use is listed as stock watering. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. Production casing cement should be brought to above the base of the moderately saline groundwater in order to isolate it from fresher waters uphole.

**Reviewer:** Brad Hill **Date:** 09/09/04

**Surface:**

The predrill investigation of the surface was performed on 09/08/04. Floyd Bartlett with DWR and Ed Bonner with SITLA were invited to this investigation on 08/27/04. Mr. Bartlett was present. He had no concerns regarding the construction of this location or the drilling of the well. This site is on State surface, with State minerals, and appears to be the best site for a location in the immediate area. Mr. Bartlett gave Mr. Estes a prescribed seed mix to be used when reserve pit is reclaimed. This site is on a reclaimed location which was constructed for the NBU 82D. This well is PA'd and the PA monument is 83' west of the proposed well.

**Reviewer:** David W. Hackford **Date:** 09/09/2004

**Conditions of Approval/Application for Permit to Drill:**

None.

**ON-SITE PREDRILL EVALUATION**  
**Division of Oil, Gas and Mining**

OPERATOR: WESTPORT OIL AND GAS COMPANY, L.P.

WELL NAME & NUMBER: NBU 1022-20C

API NUMBER: 43-047-35893

LEASE: ML-22974 FIELD/UNIT: NATURAL BUTTES

LOCATION: 1/4,1/4 NE/NW Sec: 20 TWP: 10S RNG: 22E 2346' FWL 514' FNL

LEGAL WELL SITING: 460' from unit boundary and uncommitted tracts.

GPS COORD (UTM): 631234E 4422059N SURFACE OWNER: STATE OF UTAH

**PARTICIPANTS**

DAVID W. HACKFORD (DOGM), FLOYD BARTLETT (DWR), CARROLL ESTES, CLAY EINERSON, DEBRA DOMENICI (WESTPORT), KOLBY KAY, (UELS).

**REGIONAL/LOCAL SETTING & TOPOGRAPHY**

SITE IS IN A RELATIVELY FLAT AREA OF SHALLOW DRAWS AND LOW RIDGES DRAINING GRADUALLY TO THE NORTHEAST. THIS SITE IS ON A RECLAIMED LOCATION. THIS LOCATION WAS CONSTRUCTED FOR THE NBU 82D WHICH IS NOW PA'D. THE PA MONUMENT IS 83' WEST OF THE PROPOSED WELL. OURAY, UTAH IS 31.2 MILES TO THE NORTHWEST.

**SURFACE USE PLAN**

CURRENT SURFACE USE: WILDLIFE AND LIVESTOCK GRAZING, HUNTING.

PROPOSED SURFACE DISTURBANCE: LOCATION WILL BE 350' BY 273'. ACCESS ROAD WILL BE 250 FEET.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: SEE ATTACHED MAP FROM GIS DATABASE.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: ALL PRODUCTION FACILITIES WILL BE ON LOCATION AND ADDED AFTER DRILLING WELL. PIPELINE WILL RUN 800' TO THE NORTHWEST TO AN EXISTING LINE.

SOURCE OF CONSTRUCTION MATERIAL: ALL CONSTRUCTION MATERIAL WILL BE BORROWED FROM SITE DURING CONSTRUCTION OF LOCATION.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST OR CONCERNS?  
EXPLAIN: UNLIKELY.

**WASTE MANAGEMENT PLAN:**

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. LIQUIDS FROM PIT WILL BE ALLOWED TO EVAPORATE. FORMATION WATER WILL BE CONFINED TO STORAGE

TANKS. SEWAGE FACILITIES, STORAGE AND DISPOSAL WILL BE HANDLED BY COMMERCIAL CONTRACTOR. TRASH WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO AN APPROVED LAND FILL.

**ENVIRONMENTAL PARAMETERS**

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: SAGE, GREASEWOOD, HALOGETON, PRICKLY PEAR, SHADSCALE, TAMARIX: PRONGHORN, RODENTS, SONGBIRDS, RAPTORS, COYOTE, RABBITS.

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY CLAY.

EROSION/SEDIMENTATION/STABILITY: VERY LITTLE NATURAL EROSION. SEDIMENTATION AND STABILITY ARE NOT A PROBLEM AND LOCATION CONSTRUCTION SHOULDN'T CAUSE AN INCREASE IN STABILITY OR EROSION PROBLEMS.

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.

**RESERVE PIT**

CHARACTERISTICS: 150' BY 100' AND 10' DEEP.

LINER REQUIREMENTS (Site Ranking Form attached): A LINER WILL NOT BE REQUIRED FOR RESERVE PIT.

**SURFACE RESTORATION/RECLAMATION PLAN**

AS PER SITLA.

SURFACE AGREEMENT: AS PER SITLA.

CULTURAL RESOURCES/ARCHAEOLOGY: SITE WAS INSPECTED BY MONTGOMERY ARCHEOLOGICAL CONSULTANTS. A REPORT OF THIS INVESTIGATION WILL BE PLACED ON FILE.

**OTHER OBSERVATIONS/COMMENTS**

THIS PREDRILL INVESTIGATION WAS CONDUCTED ON A WARM DAY WITH NO SNOW COVER.

**ATTACHMENTS**

PHOTOS OF THIS SITE WERE TAKEN AND PLACED ON FILE.

DAVID W. HACKFORD  
DOGM REPRESENTATIVE

9/08/04, 2:45 PM  
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score  
For Reserve and Onsite Pit Liner Requirements**

| <u>Site-Specific Factors</u>                            | <u>Ranking</u> | <u>Site Ranking</u> |
|---|----------------|---------------------|
| Distance to Groundwater (feet)                          |                |                     |
| >200  | 0              |                     |
| 100 to 200  | 5              |                     |
| 75 to 100   | 10             |                     |
| 25 to 75  | 15             |                     |
| <25 or recharge area                                    | 20             | <u>0</u>            |
| Distance to Surf. Water (feet)                          |                |                     |
| >1000   | 0              |                     |
| 300 to 1000   | 2              |                     |
| 200 to 300  | 10             |                     |
| 100 to 200  | 15             |                     |
| < 100   | 20             | <u>0</u>            |
| Distance to Nearest Municipal Well (feet)               |                |                     |
| >5280   | 0              |                     |
| 1320 to 5280  | 5              |                     |
| 500 to 1320   | 10             |                     |
| <500  | 20             | <u>0</u>            |
| Distance to Other Wells (feet)                          |                |                     |
| >1320   | 0              |                     |
| 300 to 1320   | 10             |                     |
| <300  | 20             | <u>0</u>            |
| Native Soil Type  |                |                     |
| Low permeability  | 0              |                     |
| Mod. permeability                                       | 10             |                     |
| High permeability                                       | 20             | <u>10</u>           |
| Fluid Type  |                |                     |
| Air/mist  | 0              |                     |
| Fresh Water   | 5              |                     |
| TDS >5000 and <10000                                    | 10             |                     |
| TDS >10000 or Oil Base Mud Fluid                        | 15             |                     |
| containing significant levels of hazardous constituents | 20             | <u>5</u>            |
| Drill Cuttings  |                |                     |
| Normal Rock   | 0              |                     |
| Salt or detrimental                                     | 10             | <u>0</u>            |
| Annual Precipitation (inches)                           |                |                     |
| <10   | 0              |                     |
| 10 to 20  | 5              |                     |
| >20   | 10             | <u>0</u>            |
| Affected Populations                                    |                |                     |
| <10   | 0              |                     |
| 10 to 30  | 6              |                     |
| 30 to 50  | 8              |                     |
| >50   | 10             | <u>0</u>            |
| Presence of Nearby Utility Conduits                     |                |                     |
| Not Present   | 0              |                     |
| Unknown   | 10             |                     |
| Present   | 15             | <u>0</u>            |

**Final Score**            15            (Level II Sensitivity)

Sensitivity Level I = 20 or more; total containment is required.  
Sensitivity Level II = 15-19; lining is discretionary.  
Sensitivity Level III = below 15; no specific lining is required.





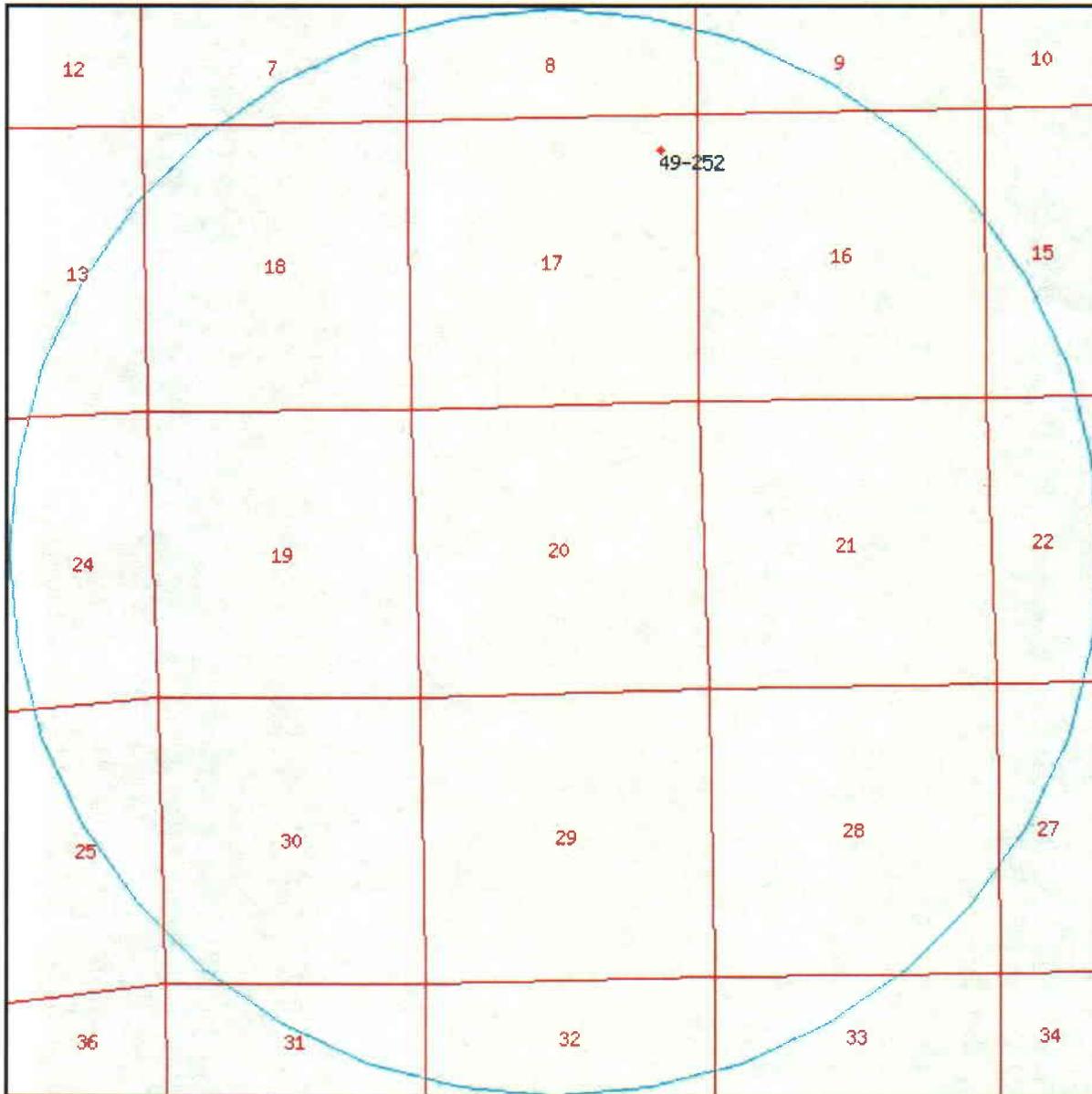


# UTAH DIVISION OF WATER RIGHTS

## WRPLAT Program Output Listing

Version: 2004.03.26.00      Rundate: 09/09/2004 03:26 PM

Radius search of 10000 feet from a point S2640 E2640 from the NW corner, section 20, Township 10S, Range 22E, SL b&m Criteria:wrtypes=W,C,E podtypes=U status=U,A,P usetypes=all



0 1300 2600 3900 5200 ft

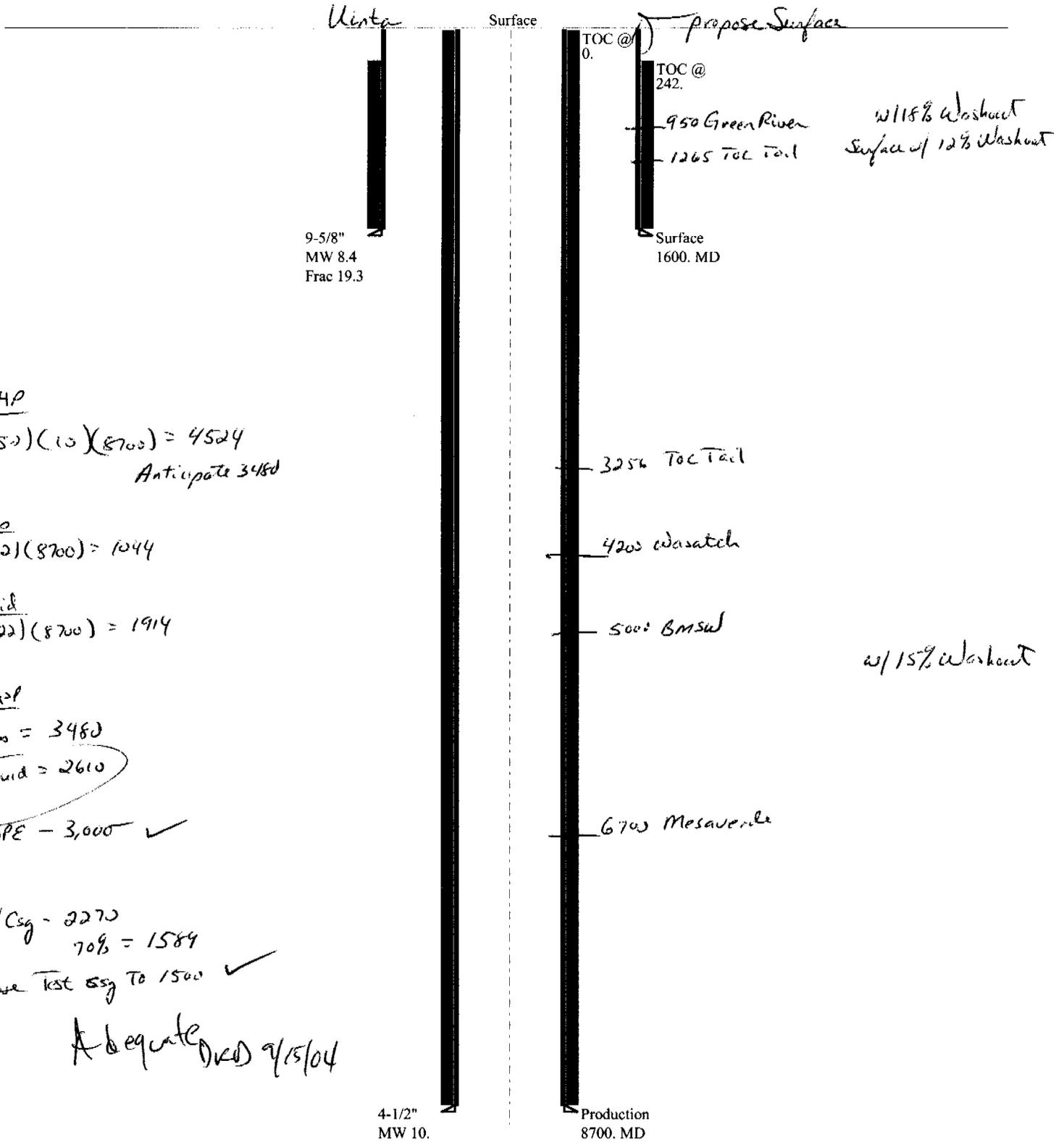
**Water Rights**

| <b>WR Number</b>       | <b>Diversion Type/Location</b>               | <b>Well Log</b> | <b>Status</b> | <b>Priority</b> | <b>Uses</b> | <b>CFS</b> | <b>ACFT</b> | <b>Owner</b>  |
|------------------------|--|-----------------|---------------|-----------------|-------------|------------|-------------|---|
| <a href="#">49-252</a> | Underground<br>S660 W660 NE 17 10S<br>22E SL |                 | P             | 19640613        | S           | 0.022      | 0.000       | VERNAL DISTRICT U<br>LAND MANAGEMEN<br>170 SOUTH 500 EAST |

[Natural Resources](#) | [Contact](#) | [Disclaimer](#) | [Privacy Policy](#) | [Accessibility Policy](#)

09-04 Westport NBU 1022-20C

Casing Schematic



BHP

$$(.05)(10)(8700) = 4524$$

Anticipate 3480

Gas

$$(.12)(8700) = 1044$$

fluid

$$(.22)(8700) = 1914$$

MAOP

$$\text{Gas} = 3480$$

$$\text{Fluid} = 2610$$

$$\text{BOPPE} - 3,000 \checkmark$$

$$\text{Surf Csg} - 2270$$

$$70\% = 1589$$

$$\text{propose test csg to } 1500 \checkmark$$

Adequate MW 9/15/04

Well name:

**09-04 Westport NBU 1022-20C**

Operator: **Westport Oil & Gas**

String type: Surface

Project ID:  
43-047-35893

Location: Uintah

**Design parameters:**

**Collapse**

Mud weight: 8.400 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 87 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,500 ft

Cement top: 242 ft

**Burst**

Max anticipated surface pressure: 1,408 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP 1,600 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Tension is based on buoyed weight.  
Neutral point: 1,403 ft

Non-directional string.

**Re subsequent strings:**

Next setting depth: 8,700 ft  
Next mud weight: 10.000 ppg  
Next setting BHP: 4,519 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 1,600 ft  
Injection pressure 1,600 psi

| Run Seq | Segment Length (ft) | Size (in) | Nominal Weight (lbs/ft) | Grade | End Finish | True Vert Depth (ft) | Measured Depth (ft) | Drift Diameter (in) | Internal Capacity (ft³) |
|---------|---------------------|-----------|-------------------------|-------|------------|----------------------|---------------------|---------------------|-------------------------|
| 1       | 1600                | 9.625     | 32.30                   | H-40  | ST&C       | 1600                 | 1600                | 8.876               | 101.4                   |

| Run Seq | Collapse Load (psi) | Collapse Strength (psi) | Collapse Design Factor | Burst Load (psi) | Burst Strength (psi) | Burst Design Factor | Tension Load (Kips) | Tension Strength (Kips) | Tension Design Factor |
|---------|---------------------|-------------------------|------------------------|------------------|----------------------|---------------------|---------------------|-------------------------|-----------------------|
| 1       | 698                 | 1370                    | 1.962                  | 1600             | 2270                 | 1.42                | 45                  | 254                     | 5.61 J                |

Prepared by: Clinton Dworshak  
Utah Div. of Oil & Mining

Phone: 801-538-5280  
FAX: 801-359-3940

Date: September 13, 2004  
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 1600 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

|              |                                    |              |
|--------------|------------------------------------|--------------|
| Well name:   | <b>09-04 Westport NBU 1022-20C</b> |              |
| Operator:    | <b>Westport Oil &amp; Gas</b>      | Project ID:  |
| String type: | Production                         | 43-047-35893 |
| Location:    | Uintah                             |              |

**Design parameters:**

**Collapse**  
Mud weight: 10.000 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**  
Design factor 1.125

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 187 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,500 ft

**Burst:**

Design factor 1.00

Cement top: Surface

**Burst**

Max anticipated surface pressure: 3,475 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP 4,519 psi

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Non-directional string.

Tension is based on buoyed weight.  
Neutral point: 7,400 ft

| Run Seq | Segment Length (ft) | Size (in)               | Nominal Weight (lbs/ft) | Grade            | End Finish           | True Vert Depth (ft) | Measured Depth (ft) | Drift Diameter (in)     | Internal Capacity (ft³) |
|---------|---------------------|-------------------------|-------------------------|------------------|----------------------|----------------------|---------------------|-------------------------|-------------------------|
| 1       | 8700                | 4.5                     | 11.60                   | M-80             | LT&C                 | 8700                 | 8700                | 3.875                   | 201.7                   |
| Run Seq | Collapse Load (psi) | Collapse Strength (psi) | Collapse Design Factor  | Burst Load (psi) | Burst Strength (psi) | Burst Design Factor  | Tension Load (Kips) | Tension Strength (Kips) | Tension Design Factor   |
| 1       | 4519                | 6350                    | 1.405                   | 4519             | 7780                 | 1.72                 | 86                  | 267                     | 3.11 B                  |

Prepared by: Clinton Dworshak  
Utah Div. of Oil & Mining

Phone: 801-538-5280  
FAX: 801-359-3940

Date: September 13, 2004  
Salt Lake City, Utah

Remarks:  
Collapse is based on a vertical depth of 8700 ft, a mud weight of 10 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

**From:** Ed Bonner  
**To:** Whitney, Diana  
**Date:** 9/22/2004 2:29:30 PM  
**Subject:** Well Clearance

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

Westport Oil & Gas Company  
NBU 1022-20C  
NBU 1022-20E  
NBU 1022-20K  
NBU 1022-20M

If you have any questions regarding this matter please give me a call.

**CC:** Garrison, LaVonne; Hill, Brad; Hunt, Gil



State of Utah

Department of  
Natural Resources

ROBERT L. MORGAN  
*Executive Director*

Division of  
Oil, Gas & Mining

LOWELL P. BRAXTON  
*Division Director*

OLENE S. WALKER  
*Governor*

GAYLE F. McKEACHNIE  
*Lieutenant Governor*

September 23, 2004

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

Re: Natural Buttes Unit 1022-20C Well, 514' FNL, 2346' FWL, NE NW, Sec. 20,  
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 43-047-35893.

Sincerely,

John R. Baza  
Associate Director

pab  
Enclosures

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

**Operator:** Westport Oil & Gas Company  
**Well Name & Number** Natural Buttes Unit 1022-20C  
**API Number:** 43-047-35893  
**Lease:** ML-22974

**Location:** NE NW                      **Sec.** 20                      **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**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

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. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

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

Page 2

API #43-047-35893

Date September 23, 2004

6. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
7. Surface casing shall be cemented to the surface.

005

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR WESTPORT O&G COMPANY L.P.  
ADDRESS 1368 SOUTH 1200 EAST  
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 |           |                |
| B           | 99999              | 2900           | 43-047-35893 | NBU 1022-20C | NENW          | 20 | 10S | 22E | UINTAH | 3/15/2005 |                |

WELL 1 COMMENTS:  
MIRU PETE MARTIN BUCKET RIG  
SPUD WELL LOCATION ON 3/15/05 AT 9 AM  
*MURD = WSMVD*

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME | WELL LOCATION |    |    |    |        | SPUD DATE | EFFECTIVE DATE |
|-------------|--------------------|----------------|------------|-----------|---------------|----|----|----|--------|-----------|----------------|
|             |                    |                |            |           | QQ            | SC | TP | RG | COUNTY |           |                |
|             |                    |                |            |           |               |    |    |    |        |           |                |

WELL 2 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 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:

ACTION CODES (See instructions on back of form)

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

NOTE: Use COMMENT section to explain why each Action Code was (3/89)

|                        |                |         |                |
|------------------------|----------------|---------|----------------|
| Post-It® Fax Note 7671 |                | Date    | # of pages ▶   |
| To                     | EDUENE RUSSEN  | From    | WASPORT O&G    |
| Co./Dept.              | UTDIAM         | Co.     | WESTPORT O&G   |
| Phone #                | (801) 388-5330 | Phone # | (435) 781-7024 |
| Fax #                  | (801) 389-3040 | Fax #   | (435) 781-7094 |

*Wanda [Signature]*  
Signature

REGULATORY ANALYST 03/16/05  
Date

no No. (435) 781-7024

RECEIVED  
MAR 16 2005

DIV. OF OIL, GAS & MINING

P. 01  
FAX NO. 4357817094  
MAR-16-2005 WED 11:25 AM EL PASO PRODUCTION

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

FORM 9

006

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. LEASE DESIGNATION AND SERIAL NUMBER:

ML-22974

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

NATURAL BUTTES UNIT

8. WELL NAME and NUMBER:

NBU 1022-20C

9. API NUMBER:

4304735893

10. FIELD AND POOL, OR WILDCAT:

NATURAL BUTTES

1. TYPE OF WELL

OIL WELL

GAS WELL

OTHER \_\_\_\_\_

2. NAME OF OPERATOR:

WESTPORT OIL & GAS COMPANY L.P.

3. ADDRESS OF OPERATOR:

1368 S. 1200 E.

CITY VERNAL

STATE UT

ZIP 84078

PHONE NUMBER:

(435) 781-7024

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 514'FNL & 2346'FWL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 20 10S 22E

STATE:

UTAH

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

| TYPE OF SUBMISSION  | TYPE OF ACTION  |   |  |
|---|---|---|--|
| <input type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br>Approximate date work will start:<br>_____          | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
|   | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL      |
|   | <input type="checkbox"/> CASING REPAIR                  | <input type="checkbox"/> NEW CONSTRUCTION                 | <input type="checkbox"/> TEMPORARILY ABANDON           |
|   | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS       | <input type="checkbox"/> OPERATOR CHANGE                  | <input type="checkbox"/> TUBING REPAIR                 |
|   | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> PLUG AND ABANDON                 | <input type="checkbox"/> VENT OR FLARE                 |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br>Date of work completion:<br>_____ | <input type="checkbox"/> CHANGE WELL NAME               | <input type="checkbox"/> PLUG BACK                        | <input type="checkbox"/> WATER DISPOSAL                |
|   | <input type="checkbox"/> CHANGE WELL STATUS             | <input type="checkbox"/> PRODUCTION (START/RESUME)        | <input type="checkbox"/> WATER SHUT-OFF                |
|   | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE         | <input checked="" type="checkbox"/> OTHER: WELL SPUD   |
|   | <input type="checkbox"/> CONVERT WELL TYPE              | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION |  |

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

MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40. RAN 14" 54# STEEL CONDUCTOR PIPE. CMT W/28 SX READY MIX CMT.

SPUD WELL LOCATION ON 3/15/05 AT 9 AM.

RECEIVED

APR 04 2005

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) SHEILA UPCHEGO

TITLE REGULATORY ANALYST

SIGNATURE



DATE 3/16/2005

(This space for State use only)

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

FORM 9

007

5. LEASE DESIGNATION AND SERIAL NUMBER:  
ML-22974

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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.

7. UNIT or CA AGREEMENT NAME:  
NATURAL BUTTES UNIT

1. TYPE OF WELL OIL WELL  GAS WELL  OTHER \_\_\_\_\_

8. WELL NAME and NUMBER:  
NBU 1022-20C

2. NAME OF OPERATOR:  
WESTPORT OIL & GAS COMPANY L.P.

9. API NUMBER:  
4304735893

3. ADDRESS OF OPERATOR:  
1368 S. 1200 E. CITY VERNAL STATE UT ZIP 84078

PHONE NUMBER:  
(435) 781-7024

10. FIELD AND POOL, OR WILDCAT:  
NATURAL BUTTES

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: 514'FNL & 2346'FWL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 20 10S 22E

STATE: UTAH

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

| TYPE OF SUBMISSION  | TYPE OF ACTION  |   |   |
|---|---|---|---|
| <input type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br>Approximate date work will start:<br>_____          | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION            |
|   | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL                 |
|   | <input type="checkbox"/> CASING REPAIR                  | <input type="checkbox"/> NEW CONSTRUCTION                 | <input type="checkbox"/> TEMPORARILY ABANDON                      |
|   | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS       | <input type="checkbox"/> OPERATOR CHANGE                  | <input type="checkbox"/> TUBING REPAIR                            |
|   | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> PLUG AND ABANDON                 | <input type="checkbox"/> VENT OR FLARE                            |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br>Date of work completion:<br>_____ | <input type="checkbox"/> CHANGE WELL NAME               | <input type="checkbox"/> PLUG BACK                        | <input type="checkbox"/> WATER DISPOSAL                           |
|   | <input type="checkbox"/> CHANGE WELL STATUS             | <input type="checkbox"/> PRODUCTION (START/RESUME)        | <input type="checkbox"/> WATER SHUT-OFF                           |
|   | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE         | <input checked="" type="checkbox"/> OTHER: DRILLING<br>OPERATIONS |
|   | <input type="checkbox"/> CONVERT WELL TYPE              | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION |   |

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

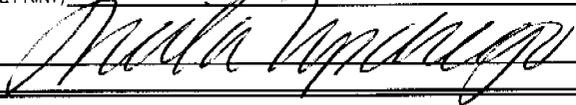
MIRU BILL MARTIN JR'S AIR RIG #7. DRILLED 12 1/4" SURFACE HOLE TO 1980'. RAN 9 5/8" 32.3# H-40 SURFACE CSG. CMT W/285 SX 2% CACL2 1/4# FLOCELE CLASS G @15.6 PPG 1.18 YIELD. DISPLACED BUMP PLUG. FLOATS HOLDING PMP 480 SX 4% CALC2 1/4# FLOCELE 100# GR-3 CLASS G @15.6 PPG 1.18 YIELD.

WORT.

**RECEIVED**  
**APR 04 2005**  
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) SHEILA UPCHEGO

TITLE REGULATORY ANALYST

SIGNATURE 

DATE 3/29/2005

(This space for State use only)

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**ML-22974**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
**NATURAL BUTTES UNIT**

8. WELL NAME and NUMBER:  
**NBU 1022-20C**

9. API NUMBER:  
**4304735893**

10. FIELD AND POOL, OR WILDCAT:  
**NATURAL BUTTES**

**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.

1. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
**WESTPORT OIL & GAS COMPANY L.P.**

3. ADDRESS OF OPERATOR:  
1368 S. 1200 E. CITY **VERNAL** STATE **UT** ZIP **84078** PHONE NUMBER: **(435) 781-7024**

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: **514'FNL & 2346'FWL** COUNTY: **UINTAH**  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NENW 20 10S 22E** STATE: **UTAH**

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

| TYPE OF SUBMISSION  | TYPE OF ACTION  |   |   |
|---|---|---|---|
| <input type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br>Approximate date work will start:<br>_____          | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION                |
|   | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL                     |
|   | <input type="checkbox"/> CASING REPAIR                  | <input type="checkbox"/> NEW CONSTRUCTION                 | <input type="checkbox"/> TEMPORARILY ABANDON                          |
|   | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS       | <input type="checkbox"/> OPERATOR CHANGE                  | <input type="checkbox"/> TUBING REPAIR                                |
|   | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> PLUG AND ABANDON                 | <input type="checkbox"/> VENT OR FLARE                                |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br>Date of work completion:<br>_____ | <input type="checkbox"/> CHANGE WELL NAME               | <input type="checkbox"/> PLUG BACK                        | <input type="checkbox"/> WATER DISPOSAL                               |
|   | <input type="checkbox"/> CHANGE WELL STATUS             | <input type="checkbox"/> PRODUCTION (START/RESUME)        | <input type="checkbox"/> WATER SHUT-OFF                               |
|   | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE         | <input checked="" type="checkbox"/> OTHER: <b>DRILLING OPERATIONS</b> |
|   | <input type="checkbox"/> CONVERT WELL TYPE              | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION |   |

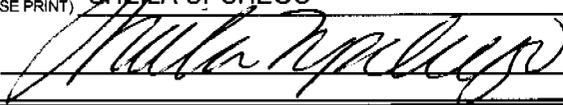
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

**FINISHED DRILLING FROM 1980' TO 8665'. RAN 4 1/2" 11.6# I-80 PRODUCTION. LEAD CMT W/395 SX PREM LITE II @11.3 PPG 3.01 YIELD. TAILED W/1390 50/50 POZ @14.3 PPG 1.31 YIELD.**

**RELEASED CAZA 81 ON 5/16/05 AT 0600 HRS.**

**RECEIVED**  
**MAY 23 2005**  
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) **SHEILA UPCHEGO** TITLE **REGULATORY ANALYST**

SIGNATURE  DATE **5/16/2005**

(This space for State use only)

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

ML-22974

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

NATURAL BUTTES UNIT

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.

8. WELL NAME and NUMBER:

NBU 1022-20C

9. API NUMBER:

4304735893

10. FIELD AND POOL, OR WILDCAT:

NATURAL BUTTES

1. TYPE OF WELL

OIL WELL

GAS WELL

OTHER \_\_\_\_\_

2. NAME OF OPERATOR:

WESTPORT OIL & GAS COMPANY L.P.

3. ADDRESS OF OPERATOR:

1368 S. 1200 E.

CITY

VERNAL

STATE

UT

ZIP 84078

PHONE NUMBER:

(435) 781-7024

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 514'FNL & 2346'FWL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 20 10S 22E

STATE:

UTAH

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

| TYPE OF SUBMISSION  | TYPE OF ACTION  |   |  |
|---|---|---|--|
| <input type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br>Approximate date work will start:<br>_____          | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
|   | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL      |
|   | <input type="checkbox"/> CASING REPAIR                  | <input type="checkbox"/> NEW CONSTRUCTION                 | <input type="checkbox"/> TEMPORARILY ABANDON           |
|   | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS       | <input type="checkbox"/> OPERATOR CHANGE                  | <input type="checkbox"/> TUBING REPAIR                 |
|   | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> PLUG AND ABANDON                 | <input type="checkbox"/> VENT OR FLARE                 |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br>Date of work completion:<br>_____ | <input type="checkbox"/> CHANGE WELL NAME               | <input type="checkbox"/> PLUG BACK                        | <input type="checkbox"/> WATER DISPOSAL                |
|   | <input type="checkbox"/> CHANGE WELL STATUS             | <input type="checkbox"/> PRODUCTION (START/RESUME)        | <input type="checkbox"/> WATER SHUT-OFF                |
|   | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE         | <input checked="" type="checkbox"/> OTHER: DRILLING    |
|   | <input type="checkbox"/> CONVERT WELL TYPE              | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | OPERATIONS   |

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

FINISHED DRILLING FROM 1980' TO 8665'. RAN 4 1/2" 11.6# I-80 PRODUCTION. LEAD CMT W/395 SX PREM LITE II @11.3 PPG 3.01 YIELD. TAILED W/1390 50/50 POZ @14.3 PPG 1.31 YIELD.

RELEASED CAZA 81 ON 5/16/05 AT 0600 HRS.

RECEIVED

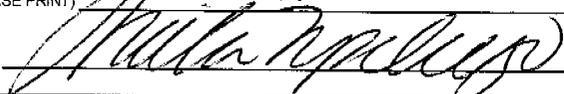
MAY 23 2005

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) SHEILA UPCHEGO

TITLE REGULATORY ANALYST

SIGNATURE



DATE 5/16/2005

(This space for State use only)

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

|  |  |  |
|--|--|--|
| 1. TYPE OF WELL<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____                  |  | 5. LEASE DESIGNATION AND SERIAL NUMBER:<br>ML-22974          |
| 2. NAME OF OPERATOR:<br>WESTPORT OIL & GAS COMPANY L.P.  |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:<br>NATURAL BUTTES UNIT |
| 3. ADDRESS OF OPERATOR:<br>1368 S. 1200 E. CITY VERNAL STATE UT ZIP 84078  |  | 7. UNIT or CA AGREEMENT NAME:<br>NATURAL BUTTES UNIT         |
| 4. LOCATION OF WELL<br>FOOTAGES AT SURFACE: 514'FNL & 2346'FWL<br>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 20 10S 22E |  | 8. WELL NAME and NUMBER:<br>NBU 1022-20C                     |
| PHONE NUMBER:<br>(435) 781-7024  |  | 9. API NUMBER:<br>4304735893                                 |
| COUNTY: UINTAH<br>STATE: UTAH  |  | 10. FIELD AND POOL, OR WILDCAT:<br>NATURAL BUTTES            |

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

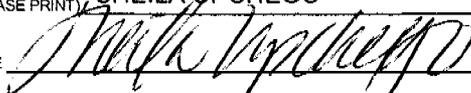
| TYPE OF SUBMISSION   | TYPE OF ACTION  |   |   |
|--|---|---|---|
| <input type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br>Approximate date work will start:<br>_____             | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION                |
|  | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL                     |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br>Date of work completion:<br>6/6/2005 | <input type="checkbox"/> CASING REPAIR                  | <input type="checkbox"/> NEW CONSTRUCTION                 | <input type="checkbox"/> TEMPORARILY ABANDON                          |
|  | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS       | <input type="checkbox"/> OPERATOR CHANGE                  | <input type="checkbox"/> TUBING REPAIR                                |
|  | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> PLUG AND ABANDON                 | <input type="checkbox"/> VENT OR FLARE                                |
|  | <input type="checkbox"/> CHANGE WELL NAME               | <input type="checkbox"/> PLUG BACK                        | <input type="checkbox"/> WATER DISPOSAL                               |
|  | <input type="checkbox"/> CHANGE WELL STATUS             | <input type="checkbox"/> PRODUCTION (START/RESUME)        | <input type="checkbox"/> WATER SHUT-OFF                               |
|  | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE         | <input checked="" type="checkbox"/> OTHER: <u>PRODUCTION START-UP</u> |
|  | <input type="checkbox"/> CONVERT WELL TYPE              | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION |   |

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

THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 6/6/05 AT 9:00 AM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

RECEIVED  
JUN 13 2005  
DIV OF OIL, GAS & MINING

|   |                                 |
|---|---------------------------------|
| NAME (PLEASE PRINT) <u>SHEILA UPCHEGO</u>   | TITLE <u>REGULATORY ANALYST</u> |
| SIGNATURE  | DATE <u>6/8/2005</u>            |

(This space for State use only)

WESTPORT OIL & GAS COMPANY, LP

CHRONOLOGICAL HISTORY

NBU 1022-20C

|          | SPUD      | Surface Casing<br>Air Rig | Activity                     | Status               |
|----------|-----------|---------------------------|------------------------------|----------------------|
| 03/04/05 |           |                           | Build Location, 15% complete | Caza 81              |
| 03/07/05 |           |                           | Build Location, 30% complete | Caza 81              |
| 03/08/05 |           |                           | Build Location, 30% complete | Caza 81              |
| 03/09/05 |           |                           | Build Location, 95% complete | Caza 81              |
| 03/10/05 |           |                           | Build Location, 95% complete | Caza 81              |
| 03/11/05 |           |                           | Build Location, 95% complete | Caza 81              |
| 03/14/05 |           |                           | Build Location, 95% complete | Caza 81              |
| 03/15/05 |           |                           | Build Location, 95% complete | Caza 81              |
| 03/16/05 |           | 14" @ 40'                 | Set conductor. WOAR          | Caza 81              |
| 03/17/05 |           | 14" @ 40'                 | Set conductor. WOAR          | Caza 81              |
| 03/18/05 |           | 14" @ 40'                 | WOAR                         | Caza 81              |
| 03/21/05 |           | 14" @ 40'                 | WOAR                         | Caza 81              |
| 03/22/05 | 3/21/05   | 14" @ 40'                 | MIAR. Drill to 1000'. DA     | Caza 81              |
| 03/23/05 | 3/21/05   | 14" @ 40'                 | Drill f/1000'-1980'. DA      | Caza 81              |
| 03/24/05 | 3/21/05   | 9 5/8" @ 1967'            | Run and set surf csg @ 1967' | WORT Caza 81         |
| 03/25/05 | 3/21/05   | 9 5/8" @ 1967'            |                              | WORT Caza 81         |
| 03/28/05 | 3/21/05   | 9 5/8" @ 1967'            |                              | WORT Caza 81         |
| 03/29/05 | 3/21/05   | 9 5/8" @ 1967'            |                              | WORT Caza 81         |
| 03/30/05 | 3/21/05   | 9 5/8" @ 1967'            |                              | WORT Caza 81         |
| 03/31/05 | 3/21/05   | 9 5/8" @ 1967'            |                              | WORT Caza 81         |
| 04/01/05 | 3/21/05   | 9 5/8" @ 1967'            |                              | WORT Caza 81         |
| 05/11/05 | TD: 8190' | Csg. 9 5/8" @ 1967'       | MW: 10.7                     | SD: 5/4/05<br>DSS: 7 |

|          |  |                            |                |                   |
|----------|--|----------------------------|----------------|-------------------|
|          | <b>Drill from 7905'-8190'. DA @ report time.</b>   |                            |                |                   |
| 04/04/05 | 3/21/05  | 9 5/8" @ 1967'             |                | WORT Caza 81      |
| 04/05/05 | 3/21/05  | 9 5/8" @ 1967'             |                | WORT Caza 81      |
| 04/06/05 | 3/21/05  | 9 5/8" @ 1967'             |                | WORT Caza 81      |
| 04/07/05 | 3/21/05  | 9 5/8" @ 1967'             |                | WORT Caza 81      |
| 04/08/05 | 3/21/05  | 9 5/8" @ 1967'             |                | WORT Caza 81      |
| 04/11/05 | 3/21/05  | 9 5/8" @ 1967'             |                | WORT Caza 81      |
| 04/12/05 | 3/21/05  | 9 5/8" @ 1967'             |                | WORT Caza 81      |
| 04/13/05 | 3/21/05  | 9 5/8" @ 1967'             |                | WORT Caza 81      |
| 04/14/05 | 3/21/05  | 9 5/8" @ 1967'             |                | WORT Caza 81      |
| 04/15/05 | 3/21/05  | 9 5/8" @ 1967'             |                | WORT Caza 81      |
| 04/18/05 | 3/21/05  | 9 5/8" @ 1967'             |                | WORT Caza 81      |
| 04/19/05 | 3/21/05  | 9 5/8" @ 1967'             |                | WORT Caza 81      |
| 04/20/05 | 3/21/05  | 9 5/8" @ 1967'             |                | WORT Caza 81      |
| 04/21/05 | 3/21/05  | 9 5/8" @ 1967'             |                | WORT Caza 81      |
| 04/22/05 | 3/21/05  | 9 5/8" @ 1967'             |                | WORT Caza 81      |
| 04/25/05 | 3/21/05  | 9 5/8" @ 1967'             |                | WORT Caza 81      |
| 04/26/05 | 3/21/05  | 9 5/8" @ 1967'             |                | WORT Caza 81      |
| 04/27/05 | 3/21/05  | 9 5/8" @ 1967'             |                | WORT Caza 81      |
| 04/28/05 | 3/21/05  | 9 5/8" @ 1967'             |                | WORT Caza 81      |
| 04/29/05 | 3/21/05  | 9 5/8" @ 1967'             |                | WORT Caza 81      |
| 05/02/05 | 3/21/05  | 9 5/8" @ 1967'             |                | WORT Caza 81      |
| 05/03/05 | 3/21/05  | 9 5/8" @ 1967'             |                | WORT Caza 81      |
| 05/04/05 | <b>TD: 1980'</b>   | <b>Csg. 9 5/8" @ 1967'</b> | <b>MW: 8.4</b> | <b>SD: 5/X/05</b> |
|          | <b>MIRU. NUBOPE. Testing BOPE @ report time.</b>   |                            |                | <b>DSS: 0</b>     |
| 05/05/05 | <b>TD: 3100'</b>   | <b>Csg. 9 5/8" @ 1967'</b> | <b>MW: 8.4</b> | <b>SD: 5/4/05</b> |
|          | <b>Finish testing BOPE. PU BHA and DP. Drill cmt and FE. Spud well at 1700 hrs and drill from 1980'-3100'. DA @ report time.</b> |                            |                | <b>DSS: 1</b>     |
| 05/06/05 | <b>TD: 5020'</b>   | <b>Csg. 9 5/8" @ 1967'</b> | <b>MW: 8.4</b> | <b>SD: 5/4/05</b> |
|          | <b>Drill from 3100'-5020'. DA @ report time.</b>   |                            |                | <b>DSS: 2</b>     |

05/09/05 TD: 7175' Csg. 9 5/8" @ 1967' MW: 9.8 SD: 5/4/05 DSS: 5  
Drill from 5020'-7053'. TFNB and MM. Drill to 7175'. DA @ report time.

05/10/05 TD: 7905' Csg. 9 5/8" @ 1967' MW: 10.3 SD: 5/4/05 DSS: 6  
Drill and work on pumps from 7175'-7905'. DA @ report time.

05/11/05 TD: 8270' Csg. 9 5/8" @ 1967' MW: 10.7 SD: 5/4/05 DSS: 8  
Drill from 8190'-8200'. TFNB. Drill to 8270'. DA @ report time.

05/12/05 TD: 8350' Csg. 9 5/8" @ 1967' MW: 11.2 SD: 5/4/05 DSS: 9  
Drill from 8270'-8319'. TFNB and MM. Drill to 8350'. DA @ report time.

05/16/05 TD: 8350' Csg. 9 5/8" @ 1967' MW: 11.2 SD: 5/4/05 DSS: 12  
Drill from 8350'-8665'. CCH for logs. POOH and log w/ loggers TD at 8649'. TIH, CCH, and LDDP. Run and cmt 4.5" prod csg. Set slips, NDBOP, cut casing, and clean pits. Rig released at 0600 hrs on 5/16/05. Rigging down @ report time. Will move to NBU 1022-16E tomorrow.

05/31/05 PROG: 7:00 AM HELD SAFETY MEETING. RD RIG & ROAD FROM CIGE 292 TO NBU 1022-20C SPOT EQUIPMENT RU RIG PU TALLY & DRIFT 166 JTS 2-3/8' J-55 4.7# TBG 5700' POOH S/B TBG MIRU B&C QUICK TEST TO PRESS TEST CSG, BOP'S TOP & BOTTOM RAMS TO 7,500#, GOOD TEST SWI SDFWE 5:00 PM.

06/01/05 PROG: 7:00 AM OPEN WL. RU CUTTERS & SCHLUM.

STAGE 1#: RIH & PERF 7977-80, 8194-8200. 150#. 20 PD GEL. BROKE @ 4930, INJ R: 4.3, INJ P: 3700, ISIP: 2700, FG: .78, MP: 5396, MR: 29.7, AP: 3894, AR: 26.8, FG: .76, ISIP: 2618, NPI: -78, CLEAN 1675 BBLs, SD 200,800#.

STAGE 2#: RIH SET CBP @ 7686, PERF 7545-50, 7654-56, 26 HOLES. 18# GEL. BROKE @ 3851, INJ R: 3.8, INJ P: 3500, ISIP: 2300, FG: .74, MP: 4974, MR: 24.9, AP: 3435, AR: 21.5, FG: 1.02, ISIP: 4440, NPI: 2140, CLEAN 1042, SD: 131,700#.

STAGE 3#: RIH SET CBP @ 7308', PERF 7112-16, 7187-92, 7273-78, 56 HOLES. 20# GEL. BROKE @ 2930, INJ R: 4.1, INJ P: 2140, ISIP: 1800, FG: .68, MP: 4284, 36.6, AP: 3330, AR: 35.2, FG: .87, ISIP: 3126, NPI: 1326, CLEAN 1877 BBLs, SD 249,500#.

STAGE 4#: RIH SET CBP @ 6976, PERF 6662-66, 6776-78, 6943-46, 36 HOLES. 18# GEL. BROKE @ 2367, INJ R: 3.9, INJ P: 2090, ISIP: 1250, FG: .62, MP: 4627, MR: 39.4, AP: 3327, AR: 36.1, FG: .85, ISIP: 2813, NPI: 1563, CLEAN 1502 BBLs, SD 201,000#.

STAGE 5#: RIH SET CBP @ 6176. UNABLE TO PERF, GUN MISSFIREING. SWI 8:00 PM.

06/02/05 PROG: 7:00 AM

STAGE 5#: OPEN WL. RIH & PERF 6141-46, 20 HOLES. 18# GEL. BROKE @ 2580, INJ R: 4.3, INJ P: 1820, ISIP: 860, FG: .57, MP: 4168, MR: 36.7, AP: 2936, AR: 34.4, FG: .80, ISIP: 2230, NPI: 1370, CLEAN 766 BBLs, SD 110,400#. TOTAL CLEAN 6,862 BBLs, TOTAL SD 893,400#. RD SCHLUM. RIH W/CBP SET @ 6050'. RD WIRELINE. PU 3-7/8" BIT, POBS. RIH W/2-3/8" TBG. TAG CBP @ 6050. RU DRL EQUIP, BROKE CONV CIRC. DRL UP CBP @ 6050'. 800# INC IN PRESS. RIH TAG @ 6152'. 24' SD. DRL DN TO CBP @ 6176'. DRL UP CBP @ 6176'. 500# INC IN PRESS. RIH TAG SD @ 6944'. 32' SD. DRL DN TO CBP @ 6976'. DRL UP CBP @ 6976'. 400# INC IN PRESS. RIH TAG @ 7278 , 30' SD. DRL DN TO CBP @ 7308'. DRL UP CBP @ 7308'. 200# INC. CIR WL. SWI 4:30 PM.

06/03/05 PROG: 7:00 AM OPEN WL 1000#. RIH, TAG @ 7656, 30' SD. DRL DN TO CBP @ 7686'.

DRL UP CBP @ 7686', 200# INC. RIH, CLEANOUT TO 8357'. CIRC WL CLEAN. RD DRL EQUIP. POOH LD TBG. 228 JTS IN WL LAND TBG W/EOT @ 7390.66. ND BOP. NU WLHEAD. DROP BALL POBS. PUT WL FLOWING TO PIT. TOLTAL LOAD FOR FRAC 6862 CLEAN BBLs, RECVD 3150 WHILE DRLG CBP'S. 3712 BBLs LEFT TO REC. 750# ON CSG WHEN OPENED TO FLW TO PIT. RD RIG. TURN WL OVER TO FLOWBACK CREW. MOVE OFF 1:30 PM.

WELL ON FLOWBACK, FLOWBACK REPORT: CP: 650#, TP: 475 #, 20/64 CHK, 60 BPWH, 21 HRS, SD: TRACE, TTL BBLs FLWD: 1565 BBLs, TODAYS LTR: 6872 BBLs, LOAD REC TODAY: 1,565 BBLs, REMAINING LTR: 5307 BBLs, TOTAL LOAD REC TO DATE: 1,565 BBLs.

**06/06/05** PROG: WELL ON FLOWBACK, FLOWBACK REPORT: CP: 2050#, TP: 1350#, 20/64 CHK, 10 BWPH, 24 HRS, SD: CLEAN, TTL BBLs FLWD: 395, TODAYS LTR: 3,270 BBLs, LOAD REC TODAY: 395 BBLs, REMAINING LTR: 2,875 BBLs, TOTAL LOAD REC TO DATE: 3,987 BBLs.

**06/07/05** PROG: WELL WENT ON SALES: 6/6/05, 9:00 AM. 1500 MCF, 17/64 CHK, SICP: 2150#, FTP: 1505#, 15 BWPH. FINAL REPORT FOR COMPLETION.

**06/08/05** **ON SALES**  
06/06/05: 1013 MCF, 0 BC, 360 BW, TP: 1505#, CP: 2113#, 17/64 CHK, 21 HRS, LP: 343#.

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

AMENDED REPORT  FORM 8  
(highlight changes)

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**ML-22974**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME  
**NATURAL BUTTES UNIT**

8. WELL NAME and NUMBER:  
**NBU 1022-20C**

9. API NUMBER:  
**4304735893**

10. FIELD AND POOL, OR WILDCAT  
**NATURAL BUTTES**

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  
**NENW 20 10S 22E**

12. COUNTY  
**UINTAH**

13. STATE  
**UTAH**

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_

b. TYPE OF WORK: NEW WELL  HORIZ. LATS.  DEEP-EN  RE-ENTRY  DIFF. RESVR.  OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
**WESTPORT OIL & GAS COMPANY L.P.**

3. ADDRESS OF OPERATOR: **1368 S. 1200 E. CITY: VERNAL STATE: UT ZIP: 84078** PHONE NUMBER: **(435) 781-7024**

4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: **514'FNL & 2346'FWL**  
AT TOP PRODUCING INTERVAL REPORTED BELOW:  
AT TOTAL DEPTH:

14. DATE SPUDDED: **3/15/2005** 15. DATE T.D. REACHED: **5/12/2005** 16. DATE COMPLETED: **6/6/2005** ABANDONED  READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL): **5294'GL**

18. TOTAL DEPTH: MD **8,350** TVD \_\_\_\_\_ 19. PLUG BACK T.D.: MD **8,615** TVD \_\_\_\_\_ 20. IF MULTIPLE COMPLETIONS, HOW MANY? \* \_\_\_\_\_ 21. DEPTH BRIDGE MD \_\_\_\_\_ PLUG SET: TVD \_\_\_\_\_

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)  
**CBL-CCL-GR**

23. WAS WELL CORED? NO  YES  (Submit analysis)  
WAS DST RUN? NO  YES  (Submit report)  
DIRECTIONAL SURVEY? NO  YES  (Submit copy)

**24. CASING AND LINER RECORD (Report all strings set in well)**

| HOLE SIZE | SIZE/GRADE | WEIGHT (#/ft.) | TOP (MD) | BOTTOM (MD) | STAGE CEMENTER DEPTH | CEMENT TYPE & NO. OF SACKS | SLURRY VOLUME (BBL) | CEMENT TOP ** | AMOUNT PULLED |
|-----------|------------|----------------|----------|-------------|----------------------|----------------------------|---------------------|---------------|---------------|
| 20"       | 14" STL    | 54#            |          | 40          |                      | 28 SX                      |                     |               |               |
| 12 1/4"   | 9 5/8 H-40 | 32.3#          |          | 1,980       |                      | 765                        |                     |               |               |
| 7 7/8     | 4 1/2 I-80 | 11.6#          |          | 8,665       |                      | 2180                       |                     |               |               |
|           |            |                |          |             |                      |                            |                     |               |               |
|           |            |                |          |             |                      |                            |                     |               |               |

**25. TUBING RECORD**

| SIZE   | DEPTH SET (MD) | PACKER SET (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|--------|----------------|-----------------|------|----------------|-----------------|------|----------------|-----------------|
| 2 3/8" | 7,391          |                 |      |                |                 |      |                |                 |

| 26. PRODUCING INTERVALS |          |             |           |              | 27. PERFORATION RECORD  |      |           |  |                                   |
|-------------------------|----------|-------------|-----------|--------------|-------------------------|------|-----------|--|-----------------------------------|
| FORMATION NAME          | TOP (MD) | BOTTOM (MD) | TOP (TVD) | BOTTOM (TVD) | INTERVAL (Top/Bot - MD) | SIZE | NO. HOLES | PERFORATION STATUS                       |                                   |
| (A) WASATCH             | 6,141    | 6,120       |           |              | 6,141 - 6,120           | 0.35 | 20        | Open <input checked="" type="checkbox"/> | Squeezed <input type="checkbox"/> |
| (B) WAS/MESA            | 6,662    | 6,946       |           |              | 6,662 - 6,946           | 0.35 | 36        | Open <input checked="" type="checkbox"/> | Squeezed <input type="checkbox"/> |
| (C) MESAVERDE           | 7,112    | 8,200       |           |              | 7,112 - 8,200           | 0.35 | 118       | Open <input checked="" type="checkbox"/> | Squeezed <input type="checkbox"/> |
| (D)                     |          |             |           |              |                         |      |           | Open <input type="checkbox"/>            | Squeezed <input type="checkbox"/> |

**28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.**

| DEPTH INTERVAL | AMOUNT AND TYPE OF MATERIAL     |
|----------------|---------------------------------|
| 6141'-6120'    | CLEAN W/766 BBLS & 111,400# SD  |
| 6662'-6946'    | CLEAN W/1502 BBLS & 201,000# SD |
| 7112'-8200'    | CLEAN W/4594 BBLS & 582,000# SD |

29. ENCLOSED ATTACHMENTS:  ELECTRICAL/MECHANICAL LOGS  GEOLOGIC REPORT  DST REPORT  DIRECTIONAL SURVEY  
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION  CORE ANALYSIS  OTHER: \_\_\_\_\_

30. WELL STATUS:  
**PROD**

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

|                                  |                      |                         |             |                     |               |                           |                 |                     |                     |                          |
|----------------------------------|----------------------|-------------------------|-------------|---------------------|---------------|---------------------------|-----------------|---------------------|---------------------|--------------------------|
| DATE FIRST PRODUCED:<br>6/6/2005 |                      | TEST DATE:<br>6/12/2005 |             | HOURS TESTED:<br>24 |               | TEST PRODUCTION RATES: →  | OIL - BBL:<br>0 | GAS - MCF:<br>1,989 | WATER - BBL:<br>280 | PROD. METHOD:<br>FLOWING |
| CHOKE SIZE:<br>17/64             | TBG. PRESS.<br>1,495 | CSG. PRESS.<br>1,823    | API GRAVITY | BTU - GAS           | GAS/OIL RATIO | 24 HR PRODUCTION RATES: → | OIL - BBL:<br>0 | GAS - MCF:<br>1,989 | WATER - BBL:<br>280 | INTERVAL STATUS:<br>PROD |

INTERVAL B (As shown in item #26)

|                                  |                      |                         |             |                     |               |                           |                 |                     |                     |                          |
|----------------------------------|----------------------|-------------------------|-------------|---------------------|---------------|---------------------------|-----------------|---------------------|---------------------|--------------------------|
| DATE FIRST PRODUCED:<br>6/6/2005 |                      | TEST DATE:<br>6/12/2005 |             | HOURS TESTED:<br>24 |               | TEST PRODUCTION RATES: →  | OIL - BBL:<br>0 | GAS - MCF:<br>1,989 | WATER - BBL:<br>280 | PROD. METHOD:<br>FLOWING |
| CHOKE SIZE:<br>17/64             | TBG. PRESS.<br>1,495 | CSG. PRESS.<br>1,823    | API GRAVITY | BTU - GAS           | GAS/OIL RATIO | 24 HR PRODUCTION RATES: → | OIL - BBL:<br>0 | GAS - MCF:<br>1,989 | WATER - BBL:<br>280 | INTERVAL STATUS:<br>PROD |

INTERVAL C (As shown in item #26)

|                                  |                      |                         |             |                     |               |                           |                 |                     |                     |                          |
|----------------------------------|----------------------|-------------------------|-------------|---------------------|---------------|---------------------------|-----------------|---------------------|---------------------|--------------------------|
| DATE FIRST PRODUCED:<br>6/6/2005 |                      | TEST DATE:<br>6/12/2005 |             | HOURS TESTED:<br>24 |               | TEST PRODUCTION RATES: →  | OIL - BBL:<br>0 | GAS - MCF:<br>1,989 | WATER - BBL:<br>280 | PROD. METHOD:<br>FLOWING |
| CHOKE SIZE:<br>17/64             | TBG. PRESS.<br>1,495 | CSG. PRESS.<br>1,823    | API GRAVITY | BTU - GAS           | GAS/OIL RATIO | 24 HR PRODUCTION RATES: → | OIL - BBL:<br>0 | GAS - MCF:<br>1,989 | WATER - BBL:<br>280 | INTERVAL STATUS:<br>PROD |

INTERVAL D (As shown in item #26)

|                      |             |             |             |               |               |                           |            |            |              |                  |
|----------------------|-------------|-------------|-------------|---------------|---------------|---------------------------|------------|------------|--------------|------------------|
| DATE FIRST PRODUCED: |             | TEST DATE:  |             | HOURS TESTED: |               | TEST PRODUCTION RATES: →  | OIL - BBL: | GAS - MCF: | WATER - BBL: | PROD. METHOD:    |
| CHOKE SIZE:          | TBG. PRESS. | CSG. PRESS. | API GRAVITY | BTU - GAS     | GAS/OIL RATIO | 24 HR PRODUCTION RATES: → | OIL - BBL: | GAS - MCF: | WATER - BBL: | INTERVAL STATUS: |

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

SOLD

33. 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.

34. FORMATION (Log) MARKERS:

| Formation            | Top (MD)       | Bottom (MD) | Descriptions, Contents, etc. | Name | Top (Measured Depth) |
|----------------------|----------------|-------------|------------------------------|------|----------------------|
| WASATCH<br>MESAVERDE | 4,239<br>6,754 | 6,754       |                              |      |                      |

35. ADDITIONAL REMARKS (Include plugging procedure)

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

NAME (PLEASE PRINT) SHEILA UPCHEGO

TITLE REGULATORY ANALYST

SIGNATURE 

DATE 6/22/2005

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340  
Fax: 801-359-3940

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

FORM 9

|  |  |   |
|--|--|---|
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b>   |  | 5. LEASE DESIGNATION AND SERIAL NUMBER:<br><b>ML-22974</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:                       |
| 1. TYPE OF WELL<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____  |  | 7. UNIT or CA AGREEMENT NAME:<br><b>NATURAL BUTTES UNIT</b> |
| 2. NAME OF OPERATOR:<br><b>WESTPORT OIL &amp; GAS COMPANY L.P.</b>   |  | 8. WELL NAME and NUMBER:<br><b>NBU 1022-20C</b>             |
| 3. ADDRESS OF OPERATOR:<br>1368 S. 1200 E. CITY <b>VERNAL</b> STATE <b>UT</b> ZIP <b>84078</b>   |  | 9. API NUMBER:<br><b>4304735893</b>                         |
| 4. LOCATION OF WELL<br>FOOTAGES AT SURFACE: <b>514'FNL &amp; 2346'FWL</b>  |  | 10. FIELD AND POOL, OR WILDCAT:<br><b>NATURAL BUTTES</b>    |
| QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NENW 20 10S 22E</b>  |  | COUNTY: <b>UINTAH</b>                                       |
|  |  | STATE: <b>UTAH</b>  |

| 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<br>(Submit in Duplicate)<br><br>Approximate date work will start:<br>_____<br><br><input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br><br>Date of work completion:<br>_____ | <input type="checkbox"/> ACIDIZE<br><br><input type="checkbox"/> ALTER CASING<br><br><input type="checkbox"/> CASING REPAIR<br><br><input type="checkbox"/> CHANGE TO PREVIOUS PLANS<br><br><input type="checkbox"/> CHANGE TUBING<br><br><input type="checkbox"/> CHANGE WELL NAME<br><br><input type="checkbox"/> CHANGE WELL STATUS<br><br><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS<br><br><input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> DEEPEN<br><br><input type="checkbox"/> FRACTURE TREAT<br><br><input type="checkbox"/> NEW CONSTRUCTION<br><br><input type="checkbox"/> OPERATOR CHANGE<br><br><input type="checkbox"/> PLUG AND ABANDON<br><br><input type="checkbox"/> PLUG BACK<br><br><input type="checkbox"/> PRODUCTION (START/RESUME)<br><br><input type="checkbox"/> RECLAMATION OF WELL SITE<br><br><input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | <input type="checkbox"/> REPERFORATE CURRENT FORMATION<br><br><input type="checkbox"/> SIDETRACK TO REPAIR WELL<br><br><input type="checkbox"/> TEMPORARILY ABANDON<br><br><input type="checkbox"/> TUBING REPAIR<br><br><input type="checkbox"/> VENT OR FLARE<br><br><input type="checkbox"/> WATER DISPOSAL<br><br><input type="checkbox"/> WATER SHUT-OFF<br><br><input checked="" type="checkbox"/> OTHER: <u><b>MAINTANENCE</b></u> |

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

01/11/06 PROG: 7:00 AM RU MAVERICK COIL TBG W/MOTOR & 1.73 MILL. RIH TAGING LIGHT SCALE IN TBG. WENT OUT EOT @ 7391' OK. GOT TO 8250'. PMPD 80 BBLS 2% KCL. BOTTOM PERF 8200'. POOH RD COIL TBG. SWI. SWAB WL. FINAL REPORT

|   |                                 |
|---|---------------------------------|
| NAME (PLEASE PRINT) <u>SHEILA UPCHEGO</u> | TITLE <u>REGULATORY ANALYST</u> |
| SIGNATURE                                 | DATE <u>2/24/2006</u>           |

(This space for State use only)

MAR 10 2006

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):<br>N2115-Westport Oil & Gas Co., LP<br>1368 South 1200 East<br>Vernal, UT 84078<br>Phone: 1-(435) 781-7024 | <b>TO:</b> ( New Operator):<br>N2995-Kerr-McGee Oil & Gas Onshore, LP<br>1368 South 1200 East<br>Vernal, UT 84078<br>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
- Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- If **NO**, the operator was contacted on:
- (R649-9-2) Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- Reports current for Production/Disposition & Sundries on: ok
- 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
- Federal and Indian Units:**  
 The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
- Federal and Indian Communization Agreements ("CA"):**  
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- 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
- 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 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 recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

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 5116106**

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

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

Name (Printed/Typed)  
**RANDY BAYNE**

Signature  
*Randy Bayne*

Title  
**DRILLING MANAGER**

Date  
**May 9, 2006**

**THIS SPACE FOR FEDERAL OR STATE USE**

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

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

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

(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

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

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

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

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7024**

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

**SEE ATTACHED**

5. Lease Serial No.

**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

**MUTIPLE WELLS**

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

**UINTAH COUNTY, UTAH**

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

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

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

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

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

RECEIVED  
MAY 10 2006

DIV. OF OIL, GAS & MINING

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

Name (Printed/Typed)

**BRAD LANEY**

Signature

Title

**ENGINEERING SPECIALIST**

Date

**May 9, 2006**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

*Brad Laney*

Title

Office

Date

**5-9-06**

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

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.

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

FORM 9

|  |  |  |  |
|--|--|--|--|
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b>   |  |  | 5. LEASE DESIGNATION AND SERIAL NUMBER:<br><b>ML-22974</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:<br><b>UNIT #891008900A</b>   |
| 1. TYPE OF WELL<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____  |  |  | 8. WELL NAME and NUMBER:<br><b>NBU 1022-20C</b>            |
| 2. NAME OF OPERATOR:<br><b>KERR MCGEE OIL &amp; GAS ONSHORE LP</b>   |  |  | 9. API NUMBER:<br><b>4304735893</b>                        |
| 3. ADDRESS OF OPERATOR:<br><b>1368 S 1200 E</b> CITY <b>VERNAL</b> STATE <b>UT</b> ZIP <b>84078</b>  |  | PHONE NUMBER:<br><b>(435) 781-7024</b> | 10. FIELD AND POOL, OR WILDCAT:<br><b>NATURAL BUTTES</b>   |
| 4. LOCATION OF WELL<br>FOOTAGES AT SURFACE: <b>514'FNL, 2346'FWL</b>   |  |  | COUNTY: <b>UINTAH</b>                                      |
| QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NENW 20 10S 22E</b>  |  |  | STATE: <b>UTAH</b>   |

| 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<br>(Submit in Duplicate)<br>Approximate date work will start:<br>_____          | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION               |
|   | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL                    |
|   | <input type="checkbox"/> CASING REPAIR                  | <input type="checkbox"/> NEW CONSTRUCTION                 | <input type="checkbox"/> TEMPORARILY ABANDON                         |
|   | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS       | <input type="checkbox"/> OPERATOR CHANGE                  | <input type="checkbox"/> TUBING REPAIR                               |
|   | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> PLUG AND ABANDON                 | <input type="checkbox"/> VENT OR FLARE                               |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br>Date of work completion:<br>_____ | <input type="checkbox"/> CHANGE WELL NAME               | <input type="checkbox"/> PLUG BACK                        | <input type="checkbox"/> WATER DISPOSAL                              |
|   | <input type="checkbox"/> CHANGE WELL STATUS             | <input type="checkbox"/> PRODUCTION (START/RESUME)        | <input type="checkbox"/> WATER SHUT-OFF                              |
|   | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE         | <input checked="" type="checkbox"/> OTHER: <u><b>MAINTENANCE</b></u> |
|   | <input type="checkbox"/> CONVERT WELL TYPE              | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION |  |

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

04/19/06 PROG: 10:00 ROAD RIG FROM NBU 464 TO NBU 1022-20C. MIRU, SPOT EQUIP, PUMP 15 BBLs DN TBG TO KILL. N/D WL HEAD, N/U BOPS. R/U TBG EQUIP, PULL & L/D HANGER. TALLEY & RIH W 27 JTS TAG @ 8208'. L/D 1 JT POOH W STANDS. FOUND SCALE ON OUTSIDE OF TBG @ 6175'. VERY LITTLE SCALE ON INSIDE OF TBG. MOSTLY IN BETWEEN JT ENDS IN COLLARS, L/D 32 JTS & SWIFN. 5:30

04/20/06 7:00 HSM SIP 850#. BLOW WELL DN, PUMP'D 30 BBLs KILLED WELL. P/U POBS W/MILL RIH TAGGED @ 8208'. P/U POWER SWIVEL BRK CIRC W/AIR FOAM. C/O FROM 8208 TO 8270'. CIRC W/AIR FOAM ON BOTTOM FOR 1 HR. R/D POWER SWIVEL. L/D 30 JTS 88JTS TOTAL ON FLOAT. P/U HANGER & LANDED W/228 JTS. DROP BALL PUMP OFF BIT W/2000#. R/D TBG EQUIP, P/U BROACH & BROACH TBG TO 7369' EOT. L/D BROACH N/D BOPS, N/U WELL HEAD, SWIFN RIG DN 5:00

|   |                                 |
|---|---------------------------------|
| NAME (PLEASE PRINT) <u>SHEILA UPCHEGO</u> | TITLE <u>REGUALTORY ANALYST</u> |
| SIGNATURE                                 | DATE <u>5/25/2006</u>           |

(This space for State use only)

**RECEIVED**  
**MAY 30 2006**  
DIV. OF OIL, GAS & MINING