

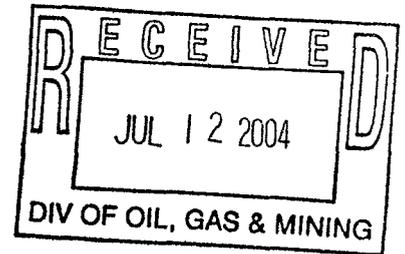


WESTPORT OIL AND GAS COMPANY, L.P.

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



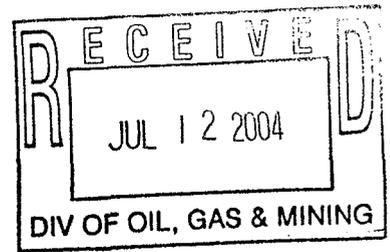
Dear Ms. Whitney:

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

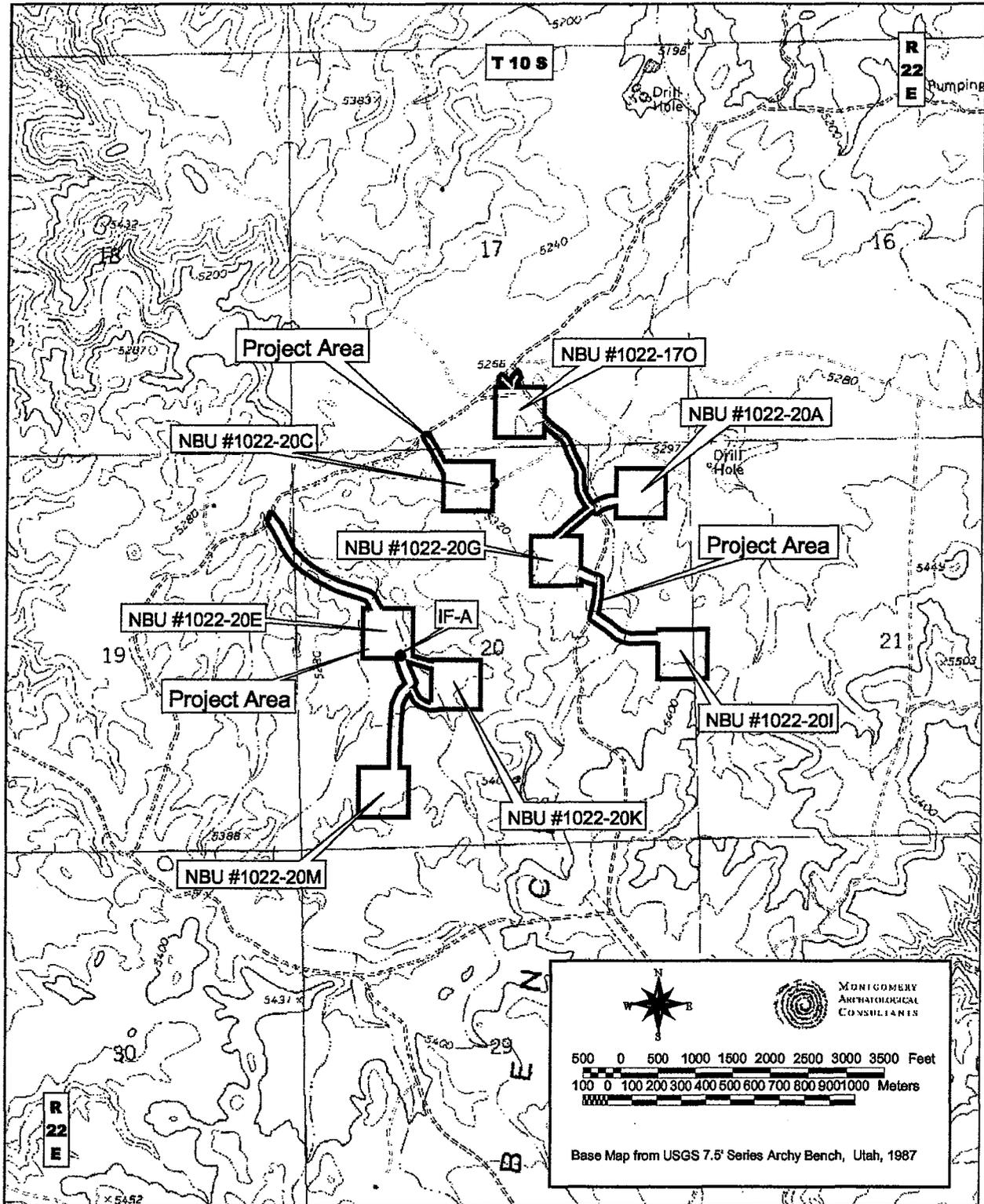


Figure 1. Inventory Area of Westport Oil and Gas Company's Proposed Eight Well Locations in T10S, R22E, Sections 17, 19, 20, and 21 Showing Cultural Resources, Uintah County, Utah.

## 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.

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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: ML-22974	6. SURFACE: 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: NATURAL BUTTES UNIT	
2. NAME OF OPERATOR: WESTPORT OIL & GAS COMPANY L.P.		9. WELL NAME and NUMBER: NBU 1022-20E	
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: 2461'FNL & 1229'FWL AT PROPOSED PRODUCING ZONE:		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 20 10S 22E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 30.5 MILES SOUTHEAST OF OURAY, UTAH		12. COUNTY: UINTAH	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 1229'	16. NUMBER OF ACRES IN LEASE: 320.00	17. NUMBER OF ACRES ASSIGNED TO THIS WELL:	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) REFER TO TOPO C	19. PROPOSED DEPTH: 8,700	20. BOND DESCRIPTION: RLB0005238	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5258'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#	1,700	265 SX
7 7/8"	4 1/2"	I-80	11.6#	8,700	1810 SX

25. ATTACHMENTS

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

- WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
- COMPLETE DRILLING PLAN
- 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)

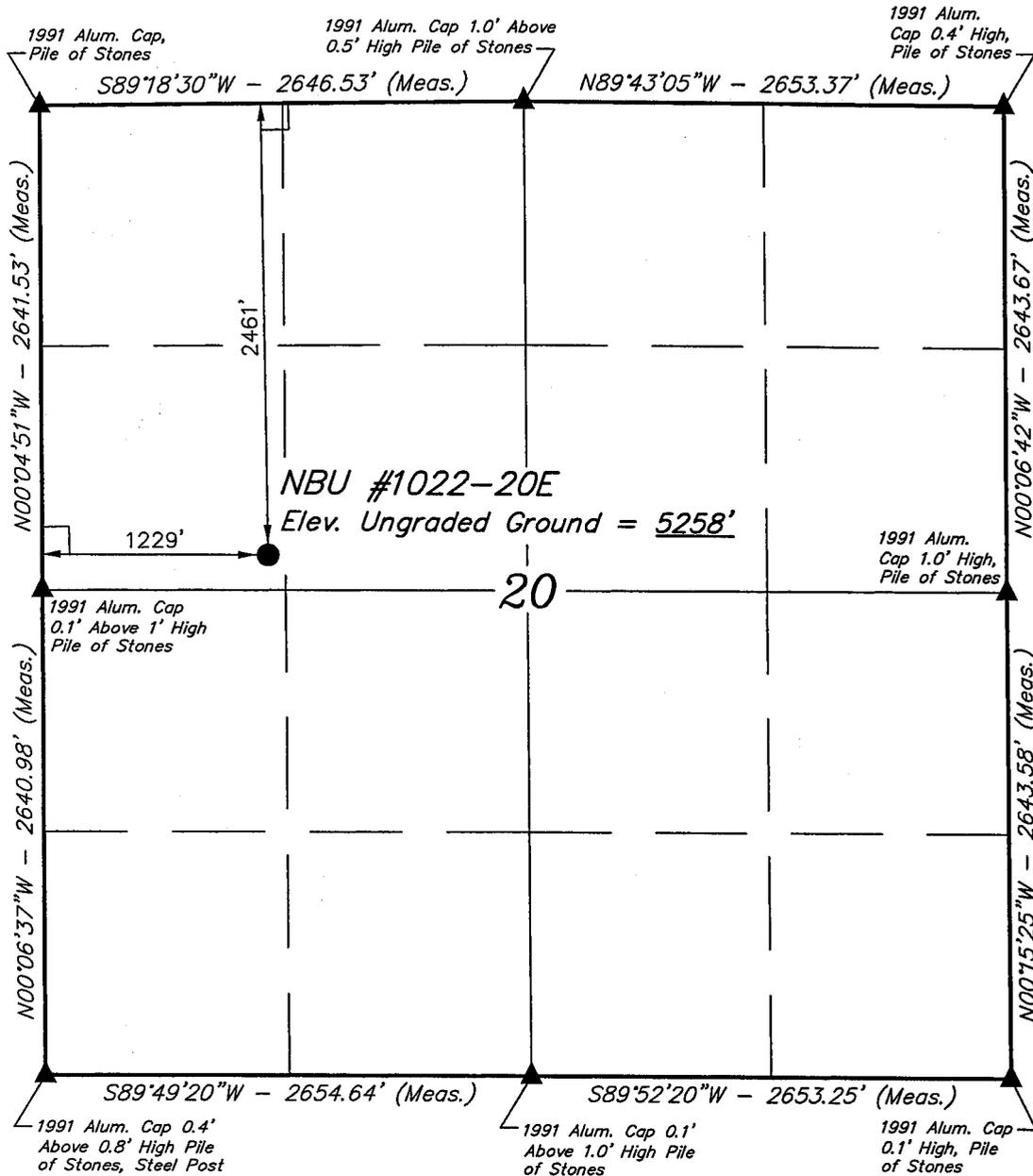
API NUMBER ASSIGNED: 43-047-35894

**Approved by the  
Utah Division of  
Oil, Gas and Mining**  
 APPROVAL:  
 Date: 09-23-04  
 By: *[Signature]*  
 (See Instructions on Reverse Side)

RECEIVED  
AUG 18 2004

DIV. OF OIL, GAS & MINING

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



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

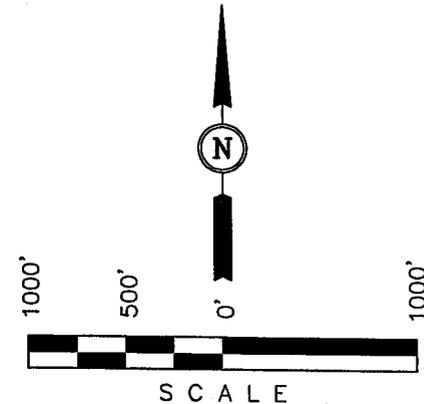
Well location, NBU #1022-20E, located as shown in the SW 1/4 NW 1/4 of Section 20, T10S, R22E, S.L.B.&M. Uintah County, Utah.

### 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.



CERTIFICATE LAND SURVEYING

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

*[Signature]*

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

### LEGEND:

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

(NAD 83)  
 LATITUDE = 39°56'05.80" (39.934944)  
 LONGITUDE = 109°28'07.17" (109.468658)

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

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

NBU #1022-20E  
 SW/NW Sec. 20, T10S, R22E  
 UTAH 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'						
SURFACE	9-5/8"	0 to 1700	32.30	H-40	STC	2270	1370	254000
						0.87*****	1.72	5.28
PRODUCTION	4-1/2"	0 to 8700	11.60	M-80 or I-80	LTC	7780	6350	201000
						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 21.8 ppg or 1.13 psi/ft

**CEMENT PROGRAM**

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

DRILLING SUPERINTENDENT: \_\_\_\_\_  
 Randy Bayne DHD\_NBU1022-20E\_APD

DATE: \_\_\_\_\_  
 DATE: \_\_\_\_\_

NBU #1022-20E  
SW/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

WESTPORT OIL AND GAS COMPANY, L.P.  
NBU #1022-20E  
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 1.1 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 52.6 MILES.

**WESTPORT OIL AND GAS COMPANY, L.P.**  
**NBU #1022-20E**  
 LOCATED IN UINTAH COUNTY, UTAH  
 SECTION 20, T10S, R22E, S.L.B.&M.

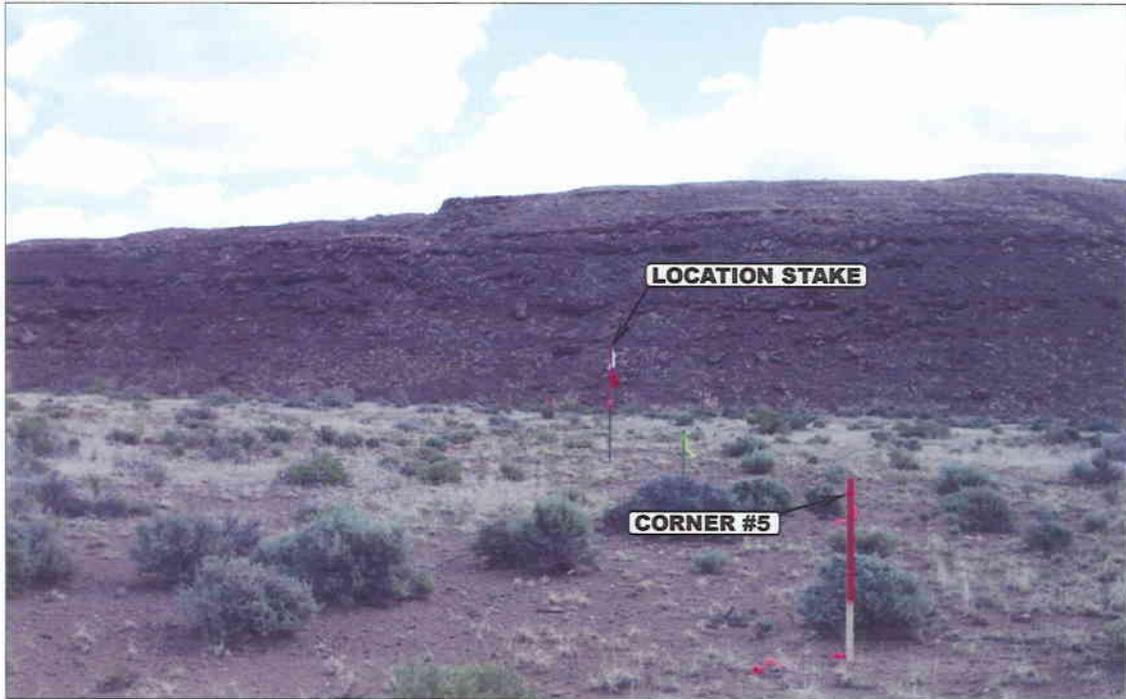


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

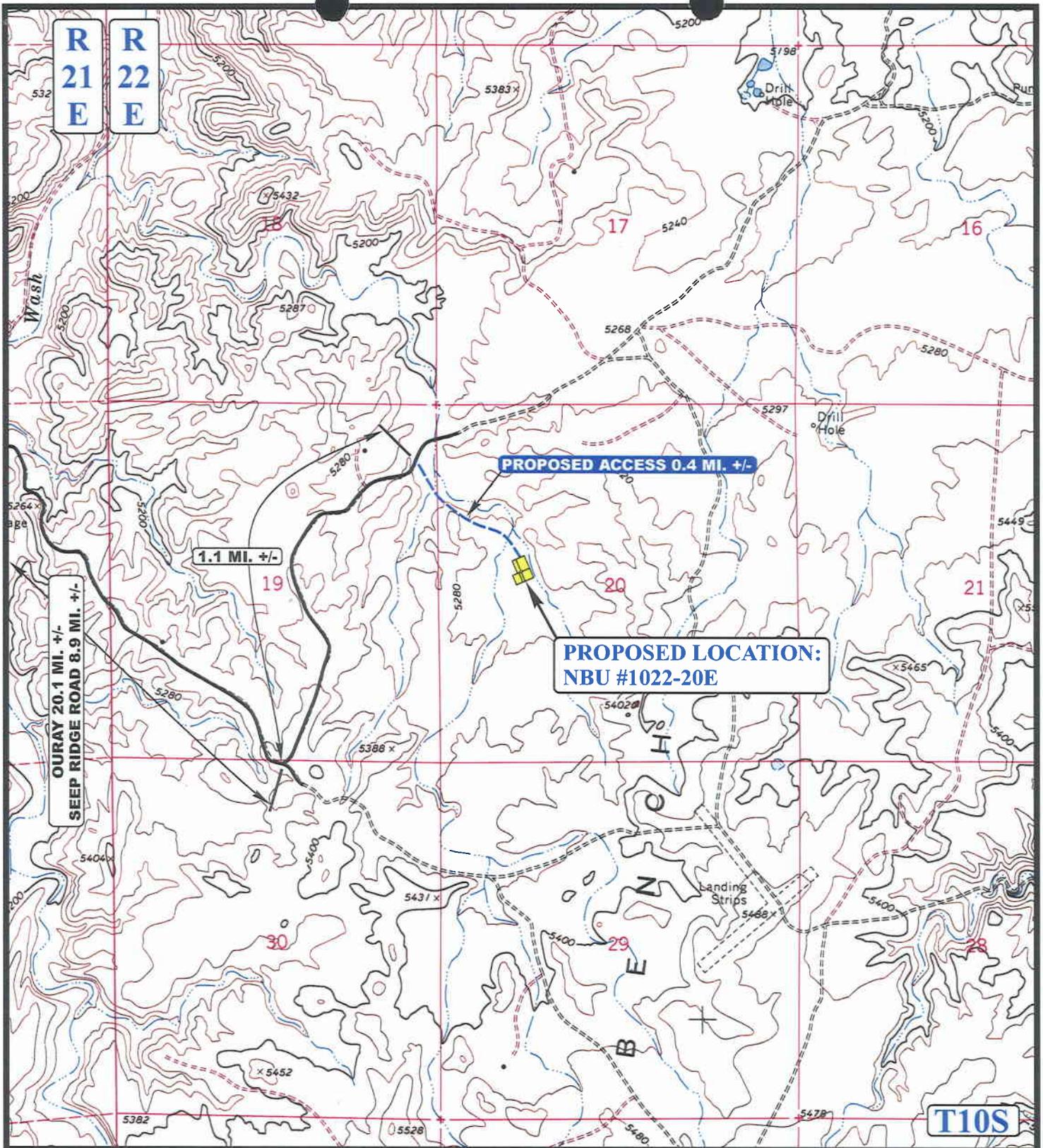
CAMERA ANGLE: SOUTHEASTERLY



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

- Since 1964 -

<b>LOCATION PHOTOS</b>	<b>05</b>	<b>14</b>	<b>04</b>	<b>PHOTO</b>
	MONTH	DAY	YEAR	
TAKEN BY: K.K.	DRAWN BY: P.M.	REVISED: 00-00-00		



**LEGEND:**

- EXISTING ROAD
- PROPOSED ACCESS ROAD



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

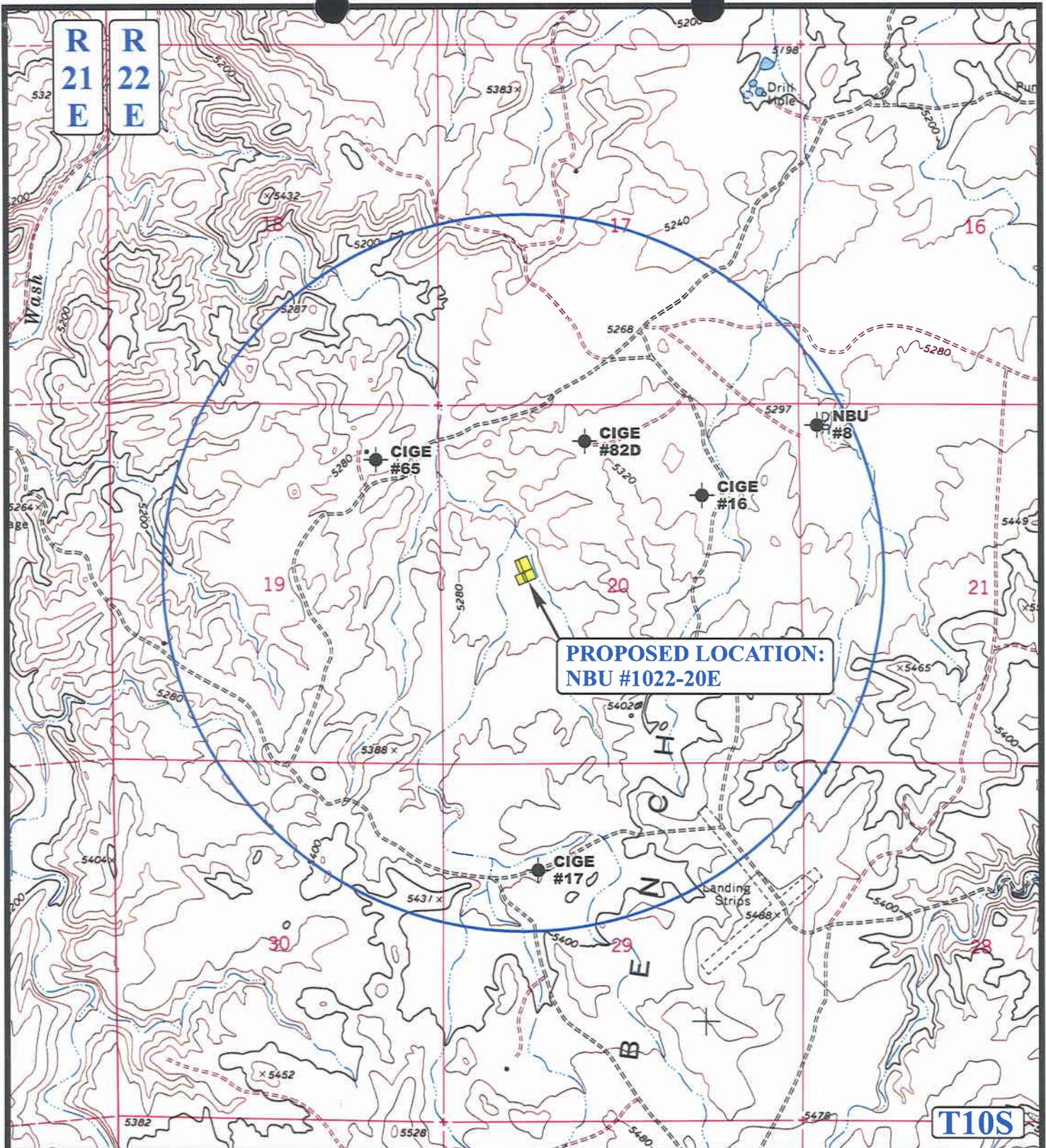
**NBU #1022-20E**  
**SECTION 20, T10S, R22E, S.L.B.&M.**  
**2461' FNL 1229' FWL**



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

**TOPOGRAPHIC MAP** **05 14 04**  
MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00





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

**LEGEND:**

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

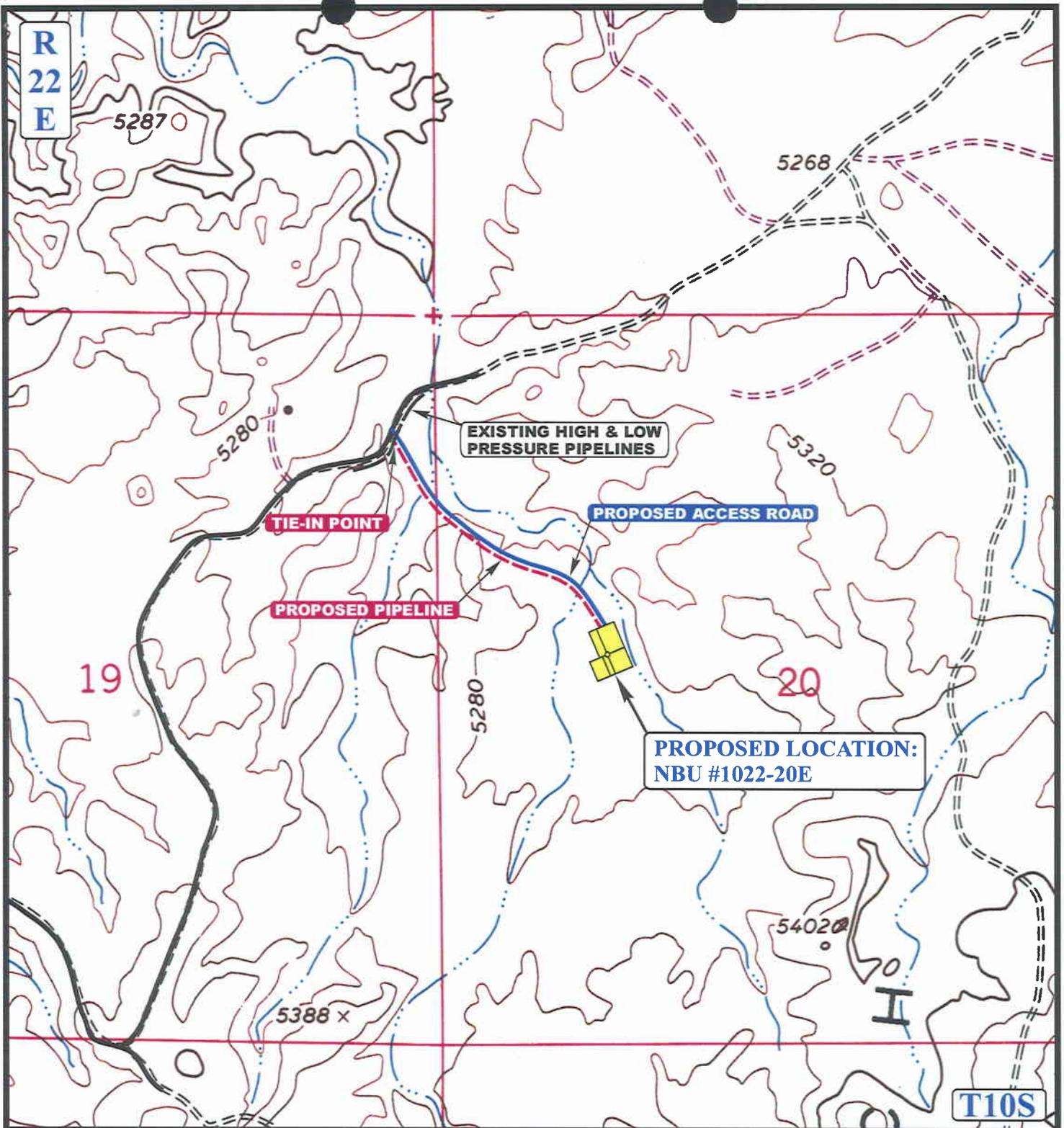


**WESTPORT OIL AND GAS COMPANY, L.P.**

**NBU #1022-20E  
SECTION 20, T10S, R22E, S.L.B.&M.  
2461' FNL 1229' FWL**

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

**TOPOGRAPHIC** **05 14 04**  
**MAP** MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00 **C TOPO**



**APPROXIMATE TOTAL PIPELINE DISTANCE = 2,100' +/-**

**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- - - - PROPOSED PIPELINE



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

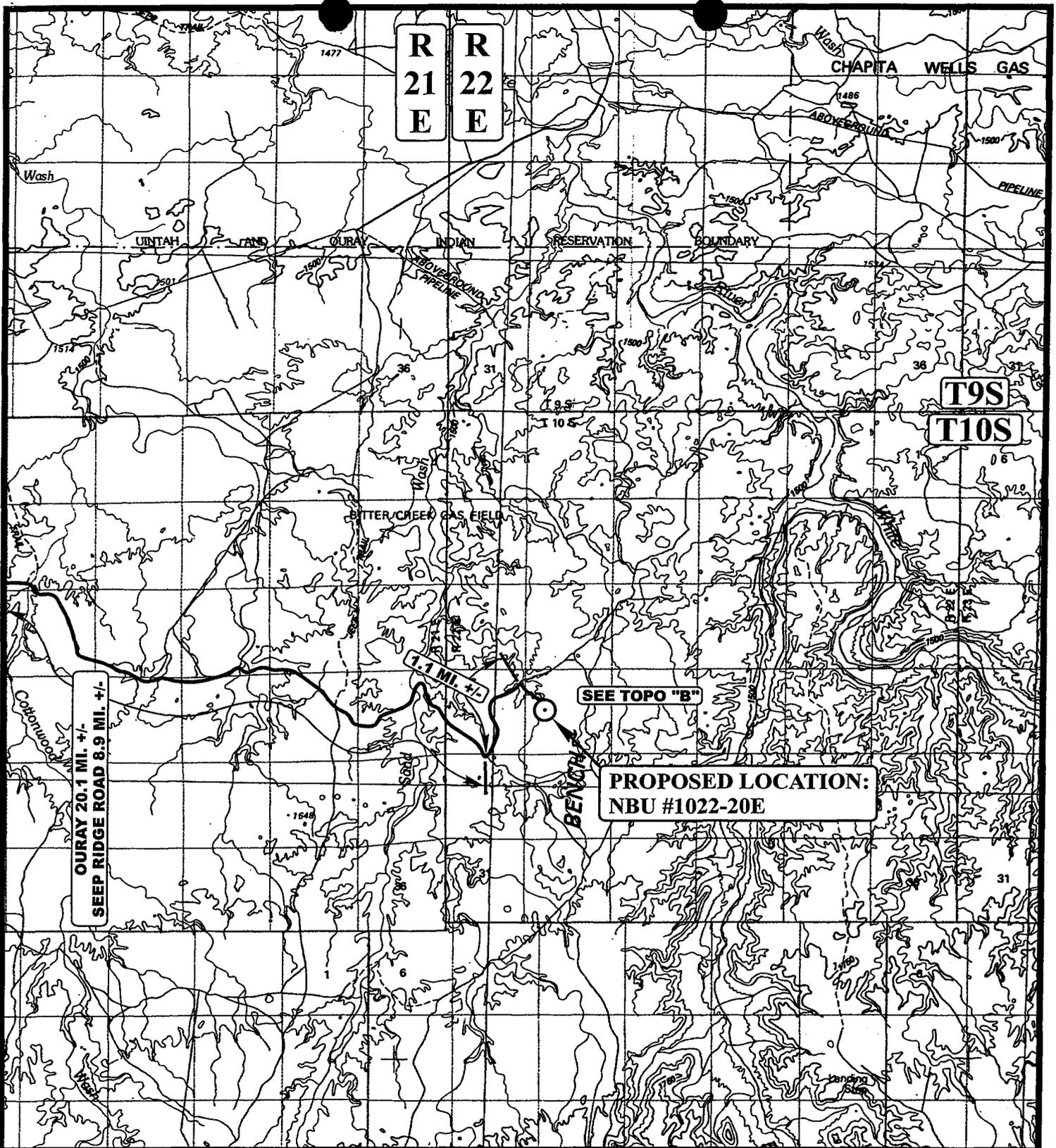
**NBU #1022-20E**  
**SECTION 20, T10S, R22E, S.L.B.&M.**  
**2461' FNL 1229' FWL**



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

**TOPOGRAPHIC** 05 14 04  
**MAP** MONTH DAY YEAR  
 SCALE: 1" = 1000' DRAWN BY: P.M. REVISED: 00-00-00





**LEGEND:**

○ PROPOSED LOCATION



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

NBU #1022-20E  
SECTION 20, T10S, R22E, S.L.B.&M.  
2461' FNL 1229' FWL



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

TOPOGRAPHIC  
MAP

05	14	04
MONTH	DAY	YEAR

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

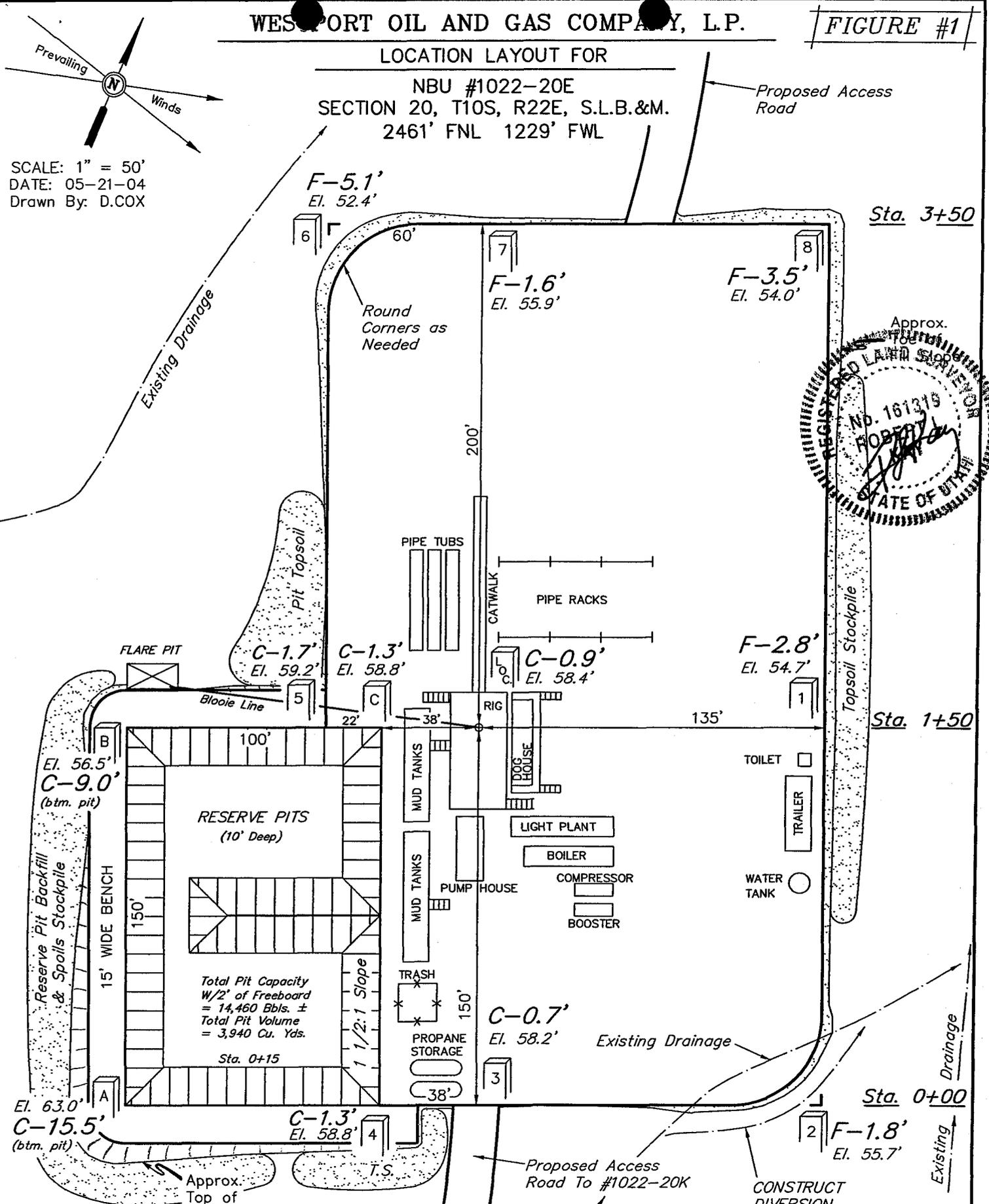


LOCATION LAYOUT FOR

NBU #1022-20E  
SECTION 20, T10S, R22E, S.L.B.&M.  
2461' FNL 1229' FWL

Proposed Access Road

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



Sta. 3+50

Sta. 1+50

Sta. 0+00

NOTES:

Elev. Ungraded Ground at Location Stake = 5258.4'  
Elev. Graded Ground at Location Stake = 5257.5'

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

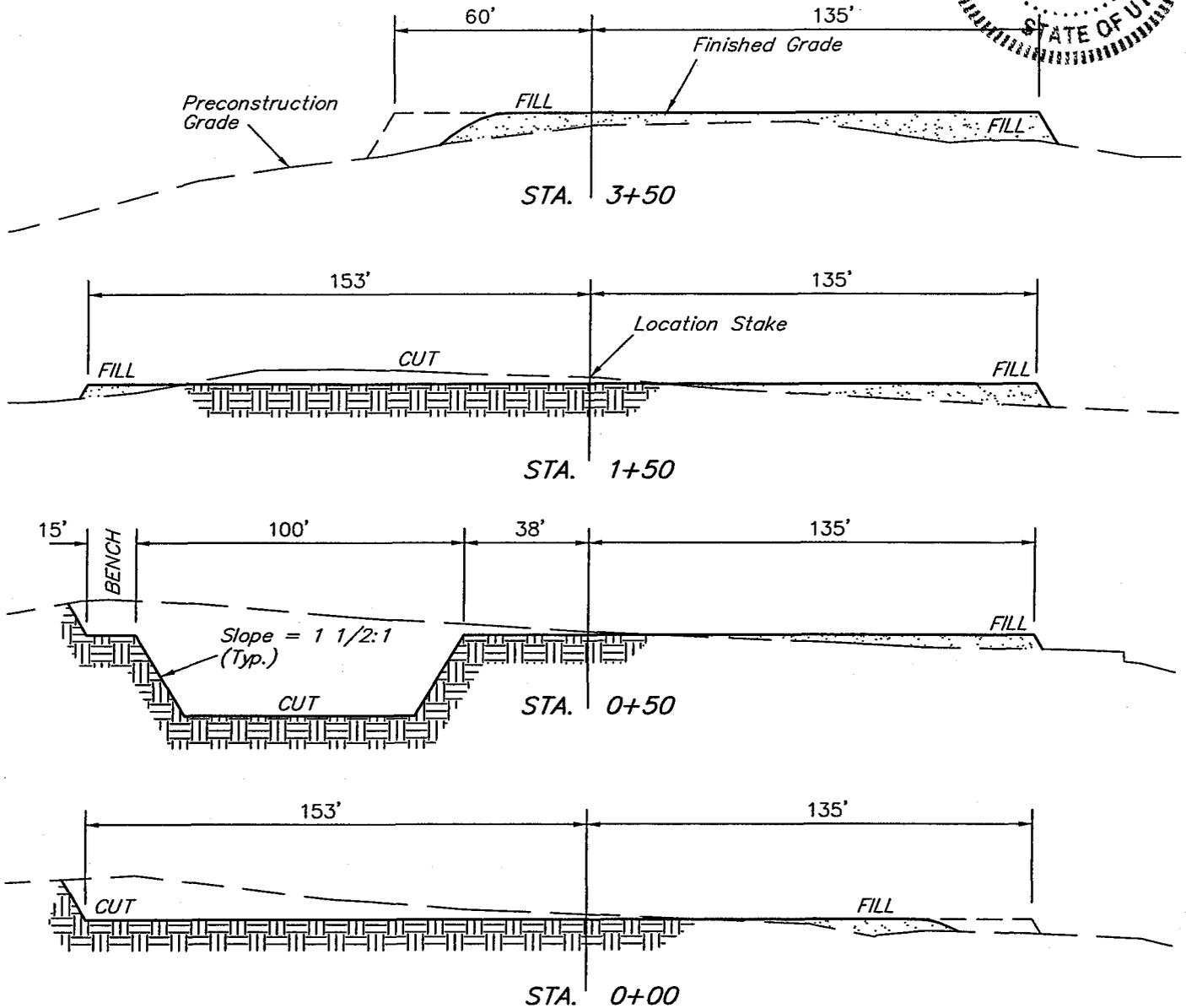
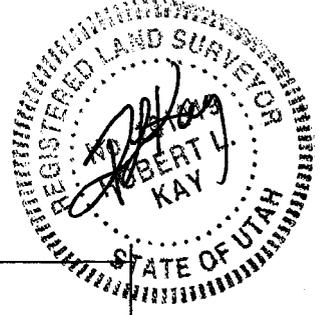
WESTPORT OIL AND GAS COMPANY, L.P.

FIGURE #2

TYPICAL CROSS SECTIONS FOR

NBU #1022-20E  
SECTION 20, T10S, R22E, S.L.B.&M.  
2461' FNL 1229' FWL

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



\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

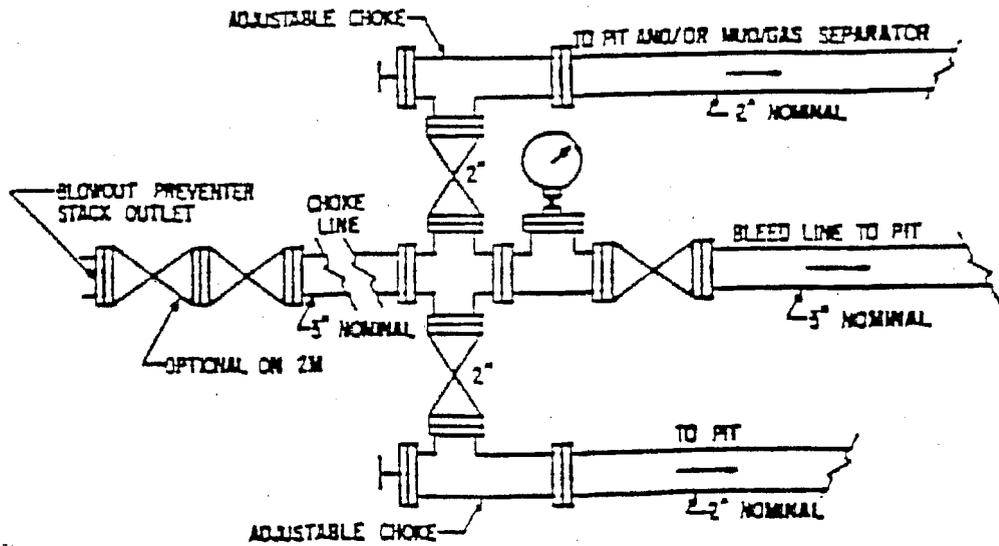
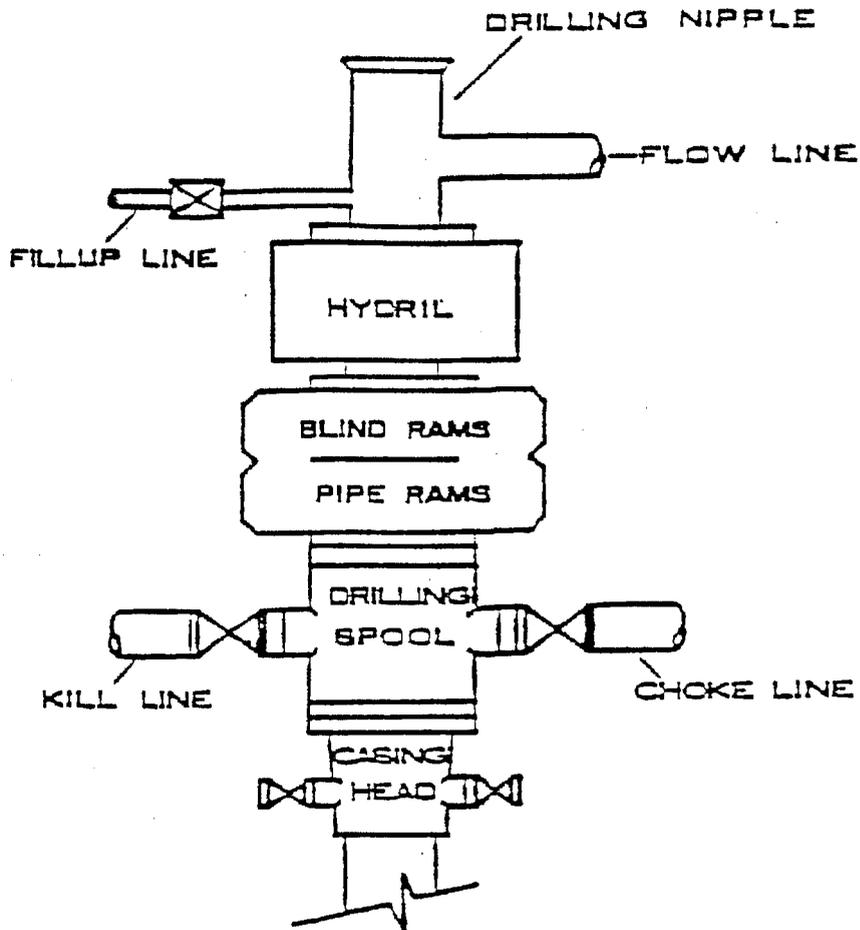
APPROXIMATE YARDAGES

<b>CUT</b>	
(6") Topsoil Stripping	= 1,700 Cu. Yds.
Remaining Location	= 5,650 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 7,350 CU.YDS.</b>
<b>FILL</b>	<b>= 3,680 CU.YDS.</b>

EXCESS MATERIAL	=	3,670 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	3,670 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	0 Cu. Yds.

3,000 PSI

# BOP STACK



WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/18/2004

API NO. ASSIGNED: 43-047-35894

WELL NAME: NBU 1022-20E

OPERATOR: WESTPORT OIL & GAS CO ( N2115 )

CONTACT: SHEILA UPCHEGO

PHONE NUMBER: 435-781-7024

PROPOSED LOCATION:

SWNW 20 100S 220E  
SURFACE: 2461 FNL 1229 FWL  
BOTTOM: 2461 FNL 1229 FWL  
UINTAH  
NATURAL BUTTES ( 630 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DWD	9/15/04
Geology		
Surface		

LEASE TYPE: 3 - State

LEASE NUMBER: ML-22974

SURFACE OWNER: 3 - State

PROPOSED FORMATION: MVRD

COALBED METHANE WELL? NO

LATITUDE: 39.93470

LONGITUDE: -109.4683

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]  
(No. RIB0005236 )
- 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 u bary f uncomm. tract
- \_\_\_ R649-3-11. Directional Drill

COMMENTS: Needs Presio(09-08-04)

STIPULATIONS: 1-Surface Csg Curt step  
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 1022-20E  
**API NUMBER:** 43-047-35894  
**LOCATION:** 1/4,1/4 SW/NW Sec: 20 TWP: 10S RNG: 22E 1229' FWL 2461' FNL

**Geology/Ground Water:**

Westport proposes to set 1,700' 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. .

**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: WESTORT OIL AND GAS COMPANY, L.P.

WELL NAME & NUMBER: NBU 1022-20E

API NUMBER: 43-047-35894

LEASE: ML-22974 FIELD/UNIT: NATURAL BUTTES

LOCATION: 1/4,1/4 SW/NW Sec: 20 TWP: 10S RNG: 22E 1229' FEL 2461' FNL

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

GPS COORD (UTM): 630905E 4421458N 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 TO A DRY WATERCOURSE 300' NORTHEAST OF SITE. THIS DRAW DRAINS TO THE NORTHWEST, THEN EVENTUALLY TO THE NORTHEAST TO THE WHITE RIVER FIVE MILES AWAY. OURAY, UTAH IS 30.5 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 0.4 MILES.

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 FOLLOW ACCESS ROAD.

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, HORSEBRUSH, PRICKLY PEAR, SHADSCALE, CHEATGRASS: 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, 1:30 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.





SEP 8 2004



SEP 9 2004

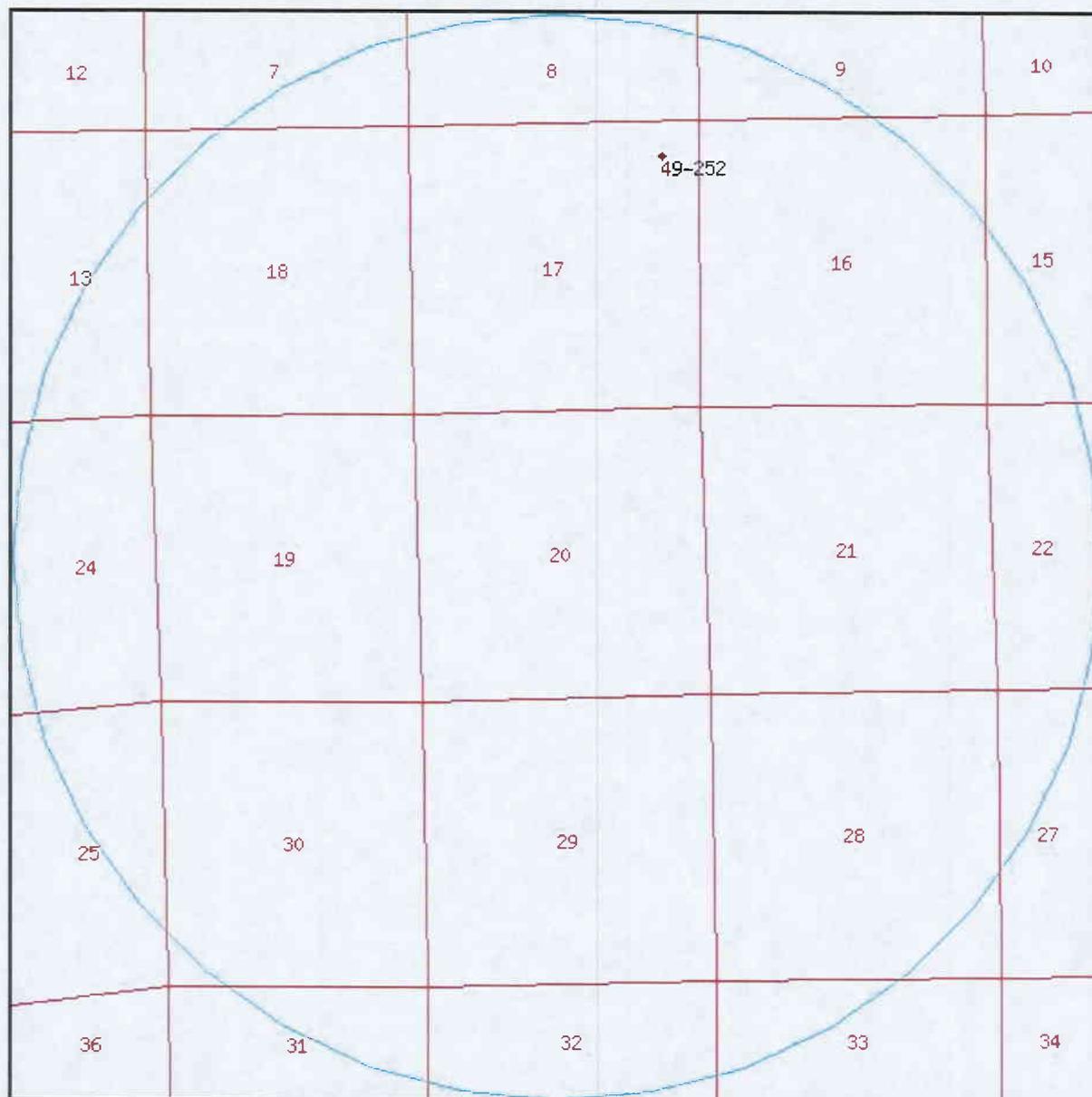

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**UTAH DIVISION OF WATER RIGHTS**

### 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



**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 N</b>
<u>49-252</u>	Underground  S660 W660 NE 17 10S 22E SL		P	19640613	S	0.022	0.000	VERNAL DISTRICT U LAND MANAGEMEN  170 SOUTH 500 EAST

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

Well name:

09-04 Westport NBU 1022-20E

Operator: Westport Oil &amp; Gas

String type: Surface

Project ID:

43-047-35894

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: 89 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,500 ft

Cement top: 341 ft

**Burst**Max anticipated surface  
pressure: 1,496 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP 1,700 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: 1,490 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: 1,700 ft  
Injection pressure 1,700 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 (ft <sup>3</sup> )
1	1700	9.625	32.30	H-40	ST&C	1700	1700	8.876	107.8
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	742	1370	1.847	1700	2270	1.34	48	254	5.28 J

Prepared by: Clinton Dworshak  
Utah Div. of Oil & MiningPhone: 801-538-5280  
FAX: 801-359-3940Date: September 13, 2004  
Salt Lake City, Utah**Remarks:**

Collapse is based on a vertical depth of 1700 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 &amp; 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 1022-20E</b>	
Operator:	<b>Westport Oil &amp; Gas</b>	Project ID:
String type:	Production	43-047-35894
Location:	Uintah	

**Design parameters:**

**Collapse**

Mud weight: 10.000 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: 187 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,500 ft

Cement top: Surface

**Burst**

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

Non-directional string.

Tension is based on buoyed weight.  
 Neutral point: 7,399 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

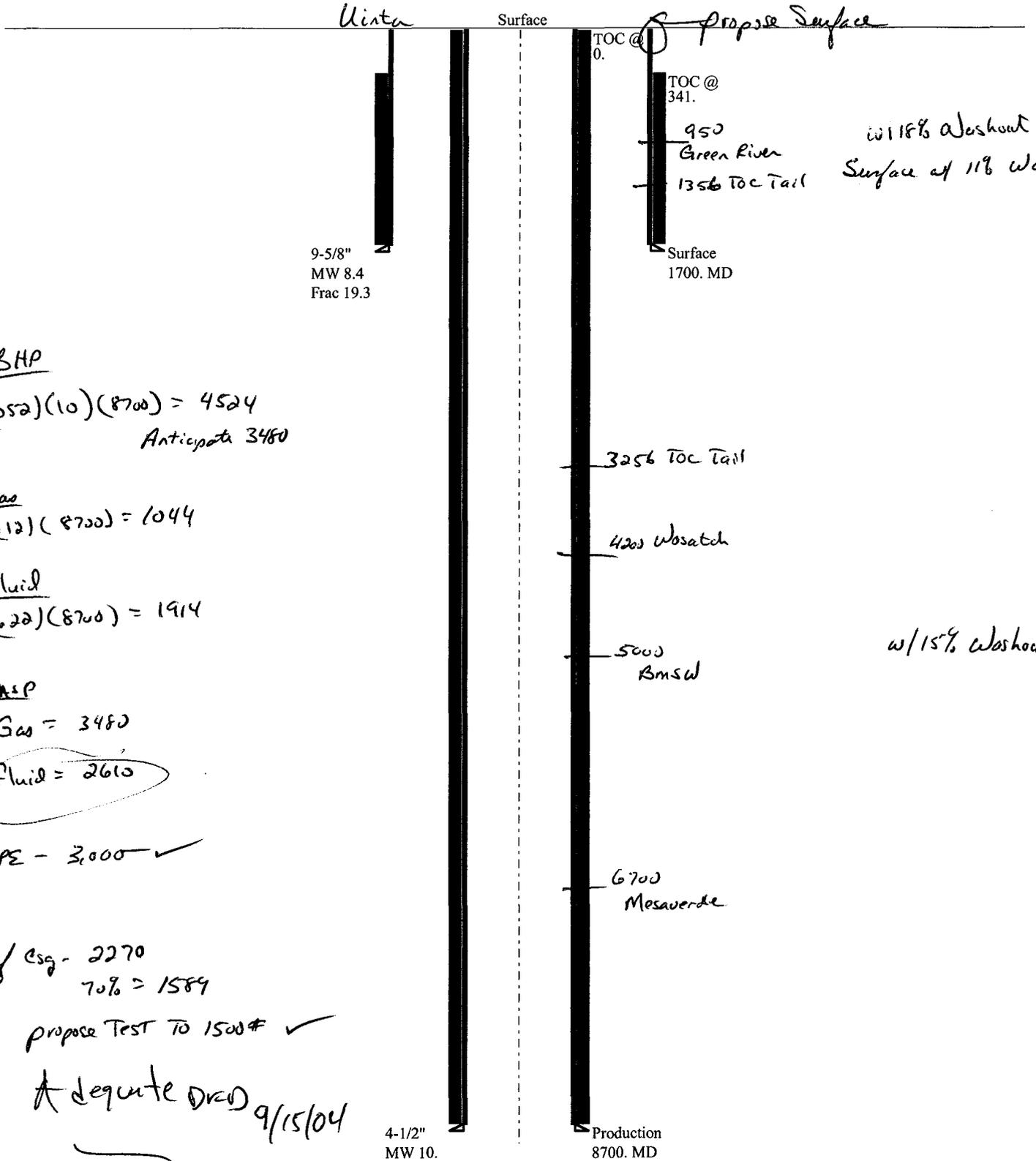
**Remarks:**

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.

09-04 Westport NBU 1022-20E

Casing Schematic



9-5/8"  
MW 8.4  
Frac 19.3

TOC @ 0.  
TOC @ 341.  
950  
Green River  
1356 TOC Tail  
Surface  
1700. MD

w/18% Washout  
Surface w/ 11% Washout

BHP

$(.052)(10)(8700) = 4524$   
Anticipate 3480

Gas

$(.12)(8700) = 1044$

Fluid

$(.22)(8700) = 1914$

MHP

Gas = 3480

Fluid = 2610

BOPE - 3000 ✓

Surf csg - 2270  
70% = 1589

propose TEST TO 1500# ✓

A dequate Dred 9/15/04

4-1/2"  
MW 10.

Production  
8700. MD

3256 TOC Tail

4200 Washout

5000  
Bmsw

w/15% Washout

6700  
Mesaverde

**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

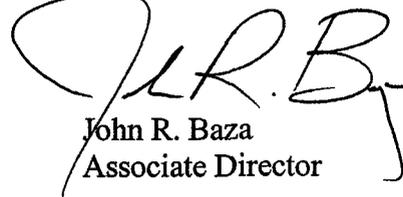
Re: Natural Buttes Unit 1022-20E Well, 2461' FNL, 1229' FWL, SW NW, Sec. 20,  
T. 10 South, R. 22 East, Uintah County, Utah

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 43-047-35894.

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 1022-20E  
API Number: 43-047-35894  
Lease: ML-22974

Location: SW 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 #43-047-35894

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

P. 01

FAX NO. 4357817094

MAR-21-2005 MON 02:35 PM EL PASO PRODUCTION

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
	99999	2900	43-047-35894	NBU 1022-20E	SWNW	20	10S	22E	UINTAH	3/17/2005	3/24/05 K
WELL 1 COMMENTS: MIRU PETE MARTIN BUCKET RIG SPUD WELL LOCATION ON 3/17/05 AT 0600 HRS <i>MURD = WSMVD</i>											
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 entity
- 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

To: <u>ERLENE RUSSEN</u>	From: <u>Orinda Underwood</u>	Date:	# of pages: <u>3</u>
Co./Dept: <u>UDDAM</u>	Co: <u>WESTPORT OIL &amp; GAS CO</u>	Phone #:	
Phone #:	Phone #:		
Fax #:	Fax #:		

*Maria Sanchez*  
nature  
REGULATORY ANALYST 03/21/05  
Date  
me No. (435) 781-7024

DIV. OF OIL, GAS & MINING

RECEIVED  
MAR 21 2005

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

006

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 1022-20E

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

9. API NUMBER:  
4304735894

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: 2461'FNL & 1229'FWL  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 20 10S 22E

COUNTY: UINTAH  
STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<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 (Submit Original Form Only) Date of work completion: _____	<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 3/17/05 AT 0600 HRS.

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

NAME (PLEASE PRINT) SHEILA UPCHEGO

TITLE REGULATORY ANALYST

SIGNATURE *Sheila Upchego*

DATE 3/21/2005

(This space for State use only)

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

FORM 9

007

**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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22974
2. NAME OF OPERATOR: WESTPORT OIL & GAS COMPANY L.P.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1368 S. 1200 E. CITY VERNAL STATE UT ZIP 84078		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES UNIT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2461'FNL & 1229'FWL		8. WELL NAME and NUMBER: NBU 1022-20E
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 20 10S 22E		9. API NUMBER: 4304735894
COUNTY: UINTAH		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
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 (Submit in Duplicate) Approximate date work will start: _____	<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 (Submit Original Form Only) Date of work completion: _____	<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>DRILLING OPERATIONS</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.

MIRU BILL MARTIN JR'S AIR RIG #7. DRILLED 12 1/4" SURFACE HOLE TO 1950'. RAN 9 5/8" 32.3# H-40 SURFACE CSG. CMT W/315 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 1.15 YIELD. HOLE STAYED FULL.

WORT.

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

NAME (PLEASE PRINT) <u>SHEILA UPCHIEGO</u>	TITLE <u>REGULATORY ANALYST</u>
SIGNATURE 	DATE <u>3/29/2005</u>

(This space for State use only)

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.*

**RECEIVED**  
**JUN 22 2005**  
DIV. OF OIL, GAS & MIN.

5. Lease Serial No.	ML-22974
6. If Indian, Allottee or Tribe Name	
7. If Unit or CA/Agreement, Name and/or No.	NATURAL BUTTES
8. Well Name and No.	NBU 1022-20E
9. API Well No.	43-047-35894
10. Field and Pool, or Exploratory Area	43-047-35894
11. County or Parish, State	UINTAH, UTAH

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

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	
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) SWNW SECTION 20-T10S-R22E 2461' FNL & 1229' FWL	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input 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>FINAL DRILLING OPERATIONS</b>

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

FINISHED DRILLING FROM 1950' TO 8618'. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG.  
LEAD CMT W/340 SKS PREM LITE II @ 11 PPG 3.38 YIELD.  
TAILED CMT W/1400 SKS 50/50 POZ @14.3 PPG 1.31 YIELD. CIRCULATED 43 BBLS CEMENT TO SURFACE.  
RELEASED CAZA 81 ON 6/11/05 AT 6:00 PM.

14. I hereby certify that the foregoing is true and correct	
Name (Printed/Typed) RALEEN WEDDLE	Title REGULATORY ANALYST
Signature <i>Raleen Weddle</i>	Date June 16, 2005

THIS SPACE FOR FEDERAL OR STATE USE

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

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

**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.

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

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

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

9. API NUMBER:  
**4304735894**

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: **2461'FNL & 1229'FWL**

COUNTY: **UINTAH**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **SWNW 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 (Submit in Duplicate) Approximate date work will start: _____	<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 (Submit Original Form Only) Date of work completion: <b>7/11/2005</b>	<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>PRODUCTION START-UP</b>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

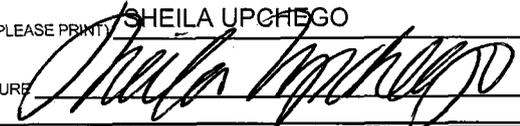
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
**THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 7/11/05 AT 9:00 AM.**

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

**RECEIVED**  
**JUL 22 2005**  
**DIV. OF OIL, GAS & MINING**

NAME (PLEASE PRINT) **SHEILA UPCHEGO**

TITLE **REGULATORY ANALYST**

SIGNATURE 

DATE **7/13/2005**

(This space for State use only)

WESTPORT OIL & GAS COMPANY, LP

CHRONOLOGICAL HISTORY

NBU 1022-20E

SPUD	Surface Casing Air Rig	Activity	Status
03/04/05		Build Location, 10% complete	Caza 81
03/07/05		Build Location, 15% complete	Caza 81
03/08/05		Build Location, 15% complete	Caza 81
03/09/05		Build Location, 55% complete	Caza 81
03/10/05		Build Location, 65% complete	Caza 81
03/11/05		Build Location, 70% complete	Caza 81
03/14/05		Build Location, 70% complete	Caza 81
03/15/05		Build Location, 70% complete	Caza 81
03/16/05		Build Location, 70% complete	Caza 81
03/17/05		Build Location, 70% complete	Caza 81
03/18/05	14" @ 40'	WOAR	Caza 81
03/21/05	14" @ 40'	WOAR	Caza 81
03/22/05	14" @ 40'	WOAR	Caza 81
03/23/05	14" @ 40'	WOAR	Caza 81
03/24/05	3/23/04 14" @ 40'	MIAR. Drill to 1140'. DA	Caza 81
03/25/05	3/23/04 9 5/8" @1916'		WORT Caza 81
03/28/05	3/23/04 9 5/8" @1916'		WORT Caza 81
03/29/05	3/23/04 9 5/8" @1916'		WORT Caza 81
03/30/05	3/23/04 9 5/8" @1916'		WORT Caza 81
03/31/05	3/23/04 9 5/8" @1916'		WORT Caza 81
04/01/05	3/23/04 9 5/8" @1916'		WORT Caza 81
04/04/05	3/23/04 9 5/8" @1916'		WORT Caza 81

04/05/05	3/23/04	9 5/8" @1916'	WORT Caza 81
04/06/05	3/23/04	9 5/8" @1916'	WORT Caza 81
04/07/05	3/23/04	9 5/8" @1916'	WORT Caza 81
04/08/05	3/23/04	9 5/8" @1916'	WORT Caza 81
04/11/05	3/23/04	9 5/8" @1916'	WORT Caza 81
04/12/05	3/23/04	9 5/8" @1916'	WORT Caza 81
04/13/05	3/23/04	9 5/8" @1916'	WORT Caza 81
04/14/05	3/23/04	9 5/8" @1916'	WORT Caza 81
04/15/05	3/23/04	9 5/8" @1916'	WORT Caza 81
04/18/05	3/23/04	9 5/8" @1916'	WORT Caza 81
04/19/05	3/23/04	9 5/8" @1916'	WORT Caza 81
04/20/05	3/23/04	9 5/8" @1916'	WORT Caza 81
04/21/05	3/23/04	9 5/8" @1916'	WORT Caza 81
04/22/05	3/23/04	9 5/8" @1916'	WORT Caza 81
04/25/05	3/23/04	9 5/8" @1916'	WORT Caza 81
04/26/05	3/23/04	9 5/8" @1916'	WORT Caza 81
04/27/05	3/23/04	9 5/8" @1916'	WORT Caza 81
04/28/05	3/23/04	9 5/8" @1916'	WORT Caza 81
04/29/05	3/23/04	9 5/8" @1916'	WORT Caza 81
05/02/05	3/23/04	9 5/8" @1916'	WORT Caza 81
05/03/05	3/23/04	9 5/8" @1916'	WORT Caza 81
05/04/05	3/23/04	9 5/8" @1916'	WORT Caza 81
05/05/05	3/23/04	9 5/8" @1916'	WORT Caza 81
05/06/05	3/23/04	9 5/8" @1916'	WORT Caza 81
05/09/05	3/23/04	9 5/8" @1916'	WORT Caza 81
05/10/05	3/23/04	9 5/8" @1916'	WORT Caza 81
05/11/05	3/23/04	9 5/8" @1916'	WORT Caza 81

05/12/05	3/23/04	9 5/8" @1916'	WORT Caza 81
05/13/05	3/23/04	9 5/8" @1916'	WORT Caza 81
05/16/05	3/23/04	9 5/8" @1916'	WORT Caza 81
05/17/05	3/23/04	9 5/8" @1916'	WORT Caza 81
05/18/05	3/23/04	9 5/8" @1916'	WORT Caza 81
05/19/05	3/23/04	9 5/8" @1916'	WORT Caza 81
05/20/05	3/23/04	9 5/8" @1916'	WORT Caza 81
05/23/05	3/23/04	9 5/8" @1916'	WORT Caza 81
05/24/05	3/23/04	9 5/8" @1916'	WORT Caza 81
05/25/05	3/23/04	9 5/8" @1916'	WORT Caza 81
05/26/05	3/23/04	9 5/8" @1916'	WORT Caza 81
05/27/05	3/23/04	9 5/8" @1916'	WORT Caza 81
05/31/05	3/23/04	9 5/8" @1916'	WORT Caza 81
06/01/05	3/23/04	9 5/8" @1916'	WORT Caza 81
06/02/05	3/23/04	9 5/8" @1916'	WORT Caza 81

TD: 1950' Csg. 9 5/8" @ 1916' MW: 8.3 SD: 6/X/05 DSS: 0  
MIRU Caza 81. NU and test BOPE. PU 7 7/8" PDC bit, MM and BHA @ report time.

06/03/05	3/23/04	9 5/8" @1916'	WORT Caza 81
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TD: 3500' Csg. 9 5/8" @ 1916' MW: 8.6 SD: 6/2/05 DSS: 1  
Finish picking up BHA and drill string. Drill cement and FE. Rotary spud @ 1100 hrs 6/2/05.  
Drill from 1950'-3500'. DA @ report time.

06/06/05	TD: 7170'	Csg. 9 5/8" @ 1916'	MW: 8.6	SD: 6/2/05	DSS: 4
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Drill from 3500'-7170'. DA @ report time.

06/07/05	TD: 7450'	Csg. 9 5/8" @ 1916'	MW: 9.7	SD: 6/2/05	DSS: 5
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Drill from 7170'-7266'. TFNB and MM. Drill to 7450'. DA @ report time.

06/08/05	TD: 8268'	Csg. 9 5/8" @ 1916'	MW: 10.3	SD: 6/2/05	DSS: 6
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Drill from 7450'-8268'. Lost 150 bbls mud last 24 hrs. DA @ report time.

06/09/05	TD: 8424'	Csg. 9 5/8" @ 1916'	MW: 10.6	SD: 6/2/05	DSS: 7
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TFNB and MM. Drill from 8268'-8424' w/ 5% LCM in system. DA @ report time.

06/10/05	TD: 8618'	Csg. 9 5/8" @ 1916'	MW: 10.7	SD: 6/2/05	DSS: 8
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Drill from 8424'-8618' TD. CCH and make 15 std wiper trip. POOH for logs @ report time.

06/13/05	TD: 8618'	Csg. 9 5/8" @ 1916'	MW: 10.8	SD: 6/2/05	DSS: 10
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**Finish TOOH for logs. Run triple combo. TIH and CCH for csg. LD tubulars. Run 4.5" prod csg and cmt w/ full returns. Set slips and released rig @ 1800 hrs on 6/11/05.**

**07/01/05** PROG: 7:00 AM HELD SAFETY MEETING. ROAD RIG FROM NBU 464 TO NBU 1022-20E SPOT EQUIPMENT, RU RIG, ND WH, NU BOP, PU 3-7/8" MILL & SUB PU TBG OFF TRAILER DRIFT & TALLY. RIH W/2-3/8" J-55 4.7# TAG FILL @ 8,547' 15' UP ON JT 268 KELLY UP C/O TO 8552' PBDT CIRC WL CLEAN POOH LD 10 JTS CONT OUT SB 258 JTS. SWI, SDFN 5:00 PM.

**07/06/05** PROG: 07/01/05: 7:00 AM HELD SAFETY MEETING. ND BOP NU FRAC VALVES MIRU CUTTERS TO LOG (CBL) & PERFORATE ZONE 1 RIH W/LOGGING TOOLS TAG PBDT @ 8551' PRESS UP ON CSG TO 1,000#, LOG TO SURFACE CEMENT OK MIRU B&C QUICK TEST PRESS TEST CSG & 2 FRAC VALVES TO 7,500# GOOD TEST NO LEAK OFF RDMO B&C QUICK TEST PU 3-3/8" EXP GUNS 23 GRM .35 HOLE 90 DEG PHASING & PERF 8424'-8428', 8318'-8322', & 8214'-8218' 4SPF 48 HOLES POOH W/WIRE LINE RDMO CUTTERS SWI SDFN 4:00 PM.

07/05/05: 7:00 AM HELD SAFETY MEETING MIRU BJ & CUTTERS TO FRAC & PERF PRESS TEST SURFACE LINES TO 8461#, NO LEAKS, WHP 1563#.

STAGE 1: BRK 3835#, @ 5.7 BPM, ISIP: 2840#, FG: .78 PMP 160 BBLS W/SCALE INHIBITOR @ 46.4 BPM @ 5600# 48 OF 48 HOLE OPEN, MP: 5204#, MR: 46.8 BPM, AP: 5093#, AR: 46.1 BPM, ISIP: 3501#, FG: .85, NPI: 661#, PMP 2687 BBLS LGHTG 20#, PMP 338,500# 20/40 SD & 4669# FLEX.

STAGE 2: RIH W/3-3/8" EXP GUNS 23 GRM .35 HOLES 90 DEG PASING & CBP SET 5K BAKER CBP @ 8060' & PERF 8034'-8038' 4SPF 16 HOLES COULD NOT GET A BRK. RIH W/DUMP BAILER & SPOT ACID ACROSS PERFS BRK 5508#, @ 3.7 BPM, ISIP: 2776#, FG: .78 PMP 16 BBLS @ 25.4 BPM @ 4600# 15 OF 16 HOLE OPEN, MP: 7800#, MR: 25.5 BPM, AP: 4550#, AR: 25.4 BPM, SCREENED OUT W/7 BBLS LEFT TO FLUSH ISIP: 6446#, FG: 1.23, NPI: 3670#, PMP 380 BBLS LGHTG 18#, PMP 35040# 20/40 SD & 480# FLEX SD.

STAGE 3: RIH W/3-3/8" EXP GUNS 23 GRM .35 HOLES & CBP SET 5K BAKER CBP @ 7550' & PERF 7190'-7194' 3SPF 120 DEG PHASING 7330'-7334' 4SPF 90 DEG PHASING & 7516'-7520' 4SPF 90 DEG PHASING COULD NOT BRK. RIH W/DUMP BAILER SPOT ACID ACROSS BOTTOM PERFS COULD NOT GET A BRK RIH W/DUMP BAILER TAG FILL ABOVE BOTTOM PERFS @ 7509' SPOT ACID OVER PERFS @ 7330'-7334' BRK 5790#, @ 3.1 BPM, ISIP: 1801#, FG: .68 PMP 20 BBLS @ 44.6 BPM @ 4600# 20 OF 28 HOLE OPEN, MP: 4441#, MR: 46.7 BPM, AP: 4435#, AR: 45.9 BPM, ISIP: 3020#, FG: .86, NPI: 1219#, PMP 2100 BBLS LGHTG 18#, PMP 270,912# 20/40 SD & 3853# FLEX SD. SWI SDFN 6:00 PM.

**07/07/05** PROG: 7:00 AM HELD SAFETY MEETING.

STAGE 4: RIH W/3-3/8" EXP GUNS 23 GRM .35 HOLES 90 DEG PHASING & CBP SET CBP @ 7105', PERF 6919'-6920' 4SPF & 7066'-7070' 4SPF 32 HOLES BRK 4423# @ 5.2 BPM, ISIP: 1700#, FG: .68, PMP 20 BBLS @ 40.6 BPM @ 4680#, 28 OF 32 HOLE OPEN, MP: 3996#, MR: 40.9 BPM, AP: 3989#, AR: 40.6 BPM, ISIP: 2750#, FG: .83, NPI: 1050#, PMP 1573 BBLS LGHTG 18#, PMP 203,408# 20/40 SD & 2,839# FLEX SD.

STAGE 5: RIH W/3-3/8" EXP GUNS 23 GRM .35 HOLES 90 DEG PHASING & CBP SET CBP @ 6680', PERF 6514'-6518' 4SPF & 6648'-6652' 2SPF 180 DEG, 24 HOLES BRK 2763# @ 5.7 BPM, ISIP: 1720#, FG: .70, PMP 18 BBLS @ 38.7 BPM @ 5920#, 14 OF 24 HOLE OPEN, MP: 3379#, MR: 38.7 BPM, AP: 3348#, AR: 39.6 BPM, ISIP: 2348#, FG: .79, NPI: 628#, PMP 2033 BBLS LGHTG 18#, PMP 272,520# 20/40 SD & 3,735# FLEX SD.

STAGE 6: RIH W/3-3/8" EXP GUNS 23 GRM .35 HOLES 90 DEG PHASING & CBP SET CBP @ 5550', PERF 5518'-5524' 4SPF 24 HOLES BRK 7200# @ 2.3 BPM, ISIP: 1375#, FG: .68 PMP 30 BBLs @ 31.1 BPM @ 3645#, 18 OF 24 HOLE OPEN, MP: 3181#, MR: 31.4 BPM, AP: 3017#, AR: 31.4 BPM, ISIP: 2140#, FG: .82, NPI: 765#, PMP 770 BBLs LGHTG 18#, PMP 102,000# 20/40 SD & 1,096# FLEX SD, (KILL PLG) RIH W/5K BAKER CBP & SET @ 5,470' RDMO BJ & CUTTERS

PU 3-7/8" BIT & FAST EDDIE POBS RIH W/2-3/8" J-55 4.7# TBG. TAG SD @ 5460' 173 JTS  
PU PWR SWVL RU RIG PMP EOT 5450'. SWI SDFN 5:00 PM.

**07/08/05**

PROG: 7:00 AM HELD SAFETY MEETING.

C/O 10' SD TAG 1 ST PLG @ 5470' DRL IN 10 MIN 600# INCREASE RIH  
C/O 25' SD TAG 2ND PLG @ 5550' DRL IN 10 MIN 700# INCREASE RIH  
C/O 31' SD TAG 3RD PLG @ 6680' DRL IN 12 MIN 300# INCREASE RIH  
C/O 30' SD TAG 4TH PLG @ 7105' DRL IN 12 MIN 200# INCREASE RIH  
C/O 183' SD TAG 5TH PLG @ 7550' DRL IN 11 MIN 900# INCREASE RIH  
C/O 150' SD TAG 6TH PLG @ 8060' DRL IN 10 MIN 1000# INCREASE RIH  
C/O 152' TO PBTD 8552' RD PWR SWVL POOH LD 28 JTS.

TOTAL OF 247 JTS 7,875.43' EOT 7891.85', HANGE OFF TBG DROP BALL FOR POBS ND BOP'S NU WH PMP OFF POBS @ 2,000# TURN WL OVER TO FLW TESTER RDMO RIG TLTR 9543 BBLs RIG RECOVERY 2700 BBLs, LTR: 6843 BBLs.

WELL ON FLOWBACK, FLOWBACK REPORT: CP: 750#, TP: 900#, 22/64 CHK, 75 BWPH, 15 HRS, SD: LIGHT, TTL BBLs FLWD: 3760, TODAY'S LTR: 9543 BBLs, LOAD REC TODAY: 3,760 BBLs, REMAINING LTR: 5,783 BBLs, TOTAL LOAD REC TO DATE: 3,760 BBLs.

**07/11/05**

PROG: WELL ON FLOWBACK, FLOWBACK REPORT: CP: 1850#, TP: 1100#, 22/64 CHK, 15 BWPH, 24 HRS, SD: CLEAN, TTL BBLs FLWD: 490, TODAY'S LTR: 3548 BBLs, LOAD REC TODAY: 490 BLS, REMAINING LTR: 3058 BBLs, TOTAL LOAD REC TO DATE: 6485 BBLs.

**07/12/05**

PROG: WELL WENT ON SALES: 7/11/05, 9:00 AM. 1500 MCF, 22/64 CHK, SICP: 1500#, FTP: 1000#, 20 BWPH. FINAL REPORT FOR COMPLETION.

**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 1022-20E**

9. API NUMBER:  
**4304735894**

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

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

12. COUNTY  
**UINTAH**

13. STATE  
**UTAH**

14. DATE SPUDDED: **3/17/2005**

15. DATE T.D. REACHED: **6/10/2005**

16. DATE COMPLETED: **7/11/2005** ABANDONED  READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):  
**5258'GL**

18. TOTAL DEPTH: MD **8,618** TVD

19. PLUG BACK T.D.: MD **8,552** 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, HAI/MICAO LOG - 30/05.11**

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			
12 1/4"	9 5/8 H-40	32.3#		1,950		795			
7 7/8"	4 1/2 I-80	11.6#		8,618		1740			

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"	7,892							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) WASATCH	5,518	5,524			5,518 5,524			Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B) MESAVERDE	6,514	8,428			6,514 8,428			Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input 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
5518'-5524'	PMP 770 BBLs LIGHTNING 18 & 102,000# 20/40 OTTOWA SD
6514'-8428'	PMP 8773 BBLs LIGHTNING 18 & 1,867,220# 20/40 OTTOWA 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**

**RECEIVED**  
**JUL 27 2005**  
DIV. OF OIL, GAS & MINING

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 7/11/2005		TEST DATE: 7/12/2005		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 1,611	WATER - BBL: 400	PROD. METHOD: FLOWING
CHOKE SIZE: 22/64	TBG. PRESS. 813	CSG. PRESS. 1,574	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 1,611	WATER - BBL: 400	INTERVAL STATUS: PROD

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED: 7/11/2005		TEST DATE: 7/12/2005		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 1,611	WATER - BBL: 400	PROD. METHOD: FLOWING
CHOKE SIZE: 22/64	TBG. PRESS. 813	CSG. PRESS. 1,574	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 1,611	WATER - BBL: 400	INTERVAL STATUS: PROD

INTERVAL C (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:

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):

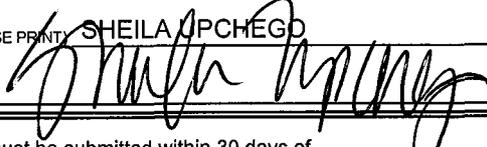
Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
WASATCH MESAVERDE	4,150 6,624	6,624			

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 7/21/2005

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

RECEIVED  
 JUL 2 / 2005

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: **1/6/2006**

<b>FROM:</b> (Old Operator): N2115-Westport Oil & Gas Co., LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024	<b>TO:</b> ( New Operator): N2995-Kerr-McGee Oil & Gas Onshore, LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024
---	--

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

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- 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

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet

7. **Federal and Indian Units:**  
 The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006

8. **Federal and Indian Communization Agreements ("CA"):**  
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

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

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- 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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other <b>CHANGE OF OPERATOR</b>

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

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. Office \_\_\_\_\_

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Serial No.

**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

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

**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**

8. Well Name and No.

**MUTIPLE WELLS**

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

**UINTAH COUNTY, UTAH**

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

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

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or 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.

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

Date

**5-9-06**

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

Office

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

**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**

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:  
**UNIT #891008900A**

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

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

2. NAME OF OPERATOR:  
**KERR MCGEE OIL & GAS ONSHORE LP**

9. API NUMBER:  
**4304735894**

3. ADDRESS OF OPERATOR:  
1368 SOUTH 1200 EAST 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: **2461'FNL, 1229'FWL**

COUNTY: **UINTAH**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **SWNW 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 (Submit in Duplicate) Approximate date work will start: _____	<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 (Submit Original Form Only) Date of work completion: _____	<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>MAINTENANCE</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.

09/10/07 MIRU POOH

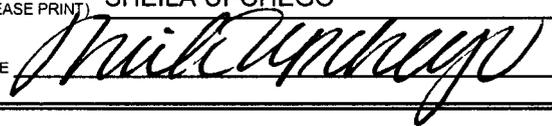
ROAD RIG AND EQUIP FROM NBU 1022-7G TO LOCATION. RUSU. FTP 200, FCP 200. BWD. ND WH. NU BOP. RU FLOOR. UNLAND TBG FROM 7891'. LUB OUT AND LD HANGER. PUMP 15 BBLs DOWN TBG FOR CONTROL. POOH W/ 247-JTS 2-3/8" J-55 TBG. CONTROL WELL W/ 80 BBLs. FOUND SLK LINE TOOLS STUCK IN BTM JT FROM WIRE. (NO SCALE INSIDE OF TBG) HAD SOME SCALE ON OUTSIDE. MU AND RIH W/ 3-7/8" MILL, POBS, AND 1.87" 'R' NIPPLE ON 152-JTS 2-3/8" J-55 TBG. EOT AT 4550'. SWFN. PUMPED 95 BBLs 2% TODAY. O BBLs RECOVERED.

09/11/07 FINAL REPORT

Daily Detail: 7:00- HSM. SITP 600, SICP 600. PUMP 15 BBLs 2% DOWN TBG. CONT RIH W/ 3-7/8" MILL, POBS, AND 1.87" 'R' NIPPLE ON 2-3/8" TBG. TAG SCALE ON CSG. RU PWR SWIVEL AND START FOAM UNIT. 1-HR TO GET CIRC. 1250 MAX PRES. TAG SCALE AT 8037', FELL THRU AT 8042'. TAG AGAIN AT 8234', FELL THRU AT 8271', TAG FILL AT 8502', C/O TO 8552' W/ 268-JTS 2-3/8" J-55 IN. CIRC CLEAN. CONTROL TBG W/ BBLs. RD PWR SWIVEL. LD 36-JTS AS POOH. LUB IN AND LAND HANGER W/ 232-JTS IN, EOT AT 7407' AND 1.87" 'R' NIPPLE AT 7405'. DROP BALL. PUMP 19 BBLs AND RELEASE MILL AT 1100 PSI. RU AND RIH W/ 1.901" BROACH ON SANDLINE TO EOT. NO PROBLEMS. PULL AND RD SANDLINE. RD FLOOR. ND BOP. NU WH. TURN WELL OVER TO PRODUCTION. LEFT WELL SHUT IN. WILL RD IN AM. PUMPED 150 BBLs 2% TODAY. CUMM 245 BBLs. RECOVERED 175 BBLs. LTR 70 BBLs.

NAME (PLEASE PRINT) **SHEILA UPCHEGO**

TITLE **SENIOR LAND ADMIN SPECIALIST**

SIGNATURE 

DATE **11/27/2007**

(This space for State use only)

**RECEIVED**

**DEC 03 2007**