

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

001

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		<b>CONFIDENTIAL</b>	
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		7. If Unit or CA Agreement, Name and No. NATURAL BUTTES	
2. Name of Operator EL PASO PRODUCTION O&G COMPANY		8. Lease Name and Well No. NBU 422	
Contact: SHEILA UPCHEGO E-Mail: sheila.upchego@EIPaso.com		9. API Well No. 43-047-34414	
3a. Address P.O. BOX 1148 VERNAL, UT 84078		10. Field and Pool, or Exploratory NATURAL BUTTES	
3b. Phone No. (include area code) Ph: 435.781.7024 Fx: 435.789.4436		11. Sec., T., R., M., or Blk. and Survey or Area Sec 29 T10S R22E Mer UBM	
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SWSE 492FSL 1874FEL At proposed prod. zone		4419120 N 631614 E	
14. Distance in miles and direction from nearest town or post office* 30.9 MILES SOUTHEAST OF OURAY, UTAH		12. County or Parish UINTAH	13. State UT
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 660	16. No. of Acres in Lease 640.00	17. Spacing Unit dedicated to this well	
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C	19. Proposed Depth 6800 MD	20. BLM/BIA Bond No. on file WY-3457	
21. Elevations (Show whether DF, KB, RT, GL, etc.) 5452 GL	22. Approximate date work will start	23. Estimated duration	

24. Attachments

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

- |                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>1. Well plat certified by a registered surveyor.</li> <li>2. A Drilling Plan.</li> <li>3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).</li> </ul> | <ul style="list-style-type: none"> <li>4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).</li> <li>5. Operator certification</li> <li>6. Such other site specific information and/or plans as may be required by the authorized officer.</li> </ul> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

25. Signature (Electronic Submission) <i>Sheila Upchego</i>		Name (Printed/Typed) SHEILA UPCHEGO Ph: 435.781.7024		Date 12/03/2001	
Title REGULATORY ANALYST		FEDERAL APPROVAL OF THIS ACTION IS NECESSARY			
Approved by (Signature) <i>Bradley G. Hill</i>				Name (Printed/Typed) BRADLEY G. HILL	
Title		Officer RECLAMATION SPECIALIST III			

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

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

Additional Operator Remarks (see next page)

Electronic Submission #9528 verified by the BLM Well Information System  
For EL PASO PRODUCTION O&G COMPANY, sent to the Vernal

RECEIVED

DEC 04 2001

DIVISION OF  
OIL, GAS AND MINING

\*\* ORIGINAL \*\*

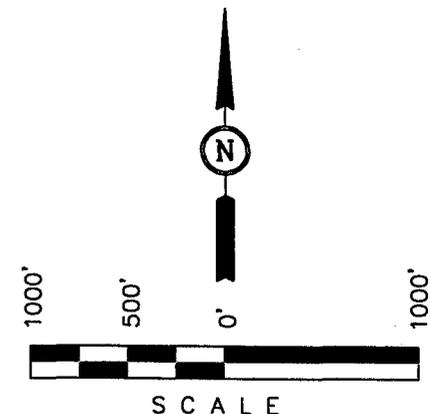
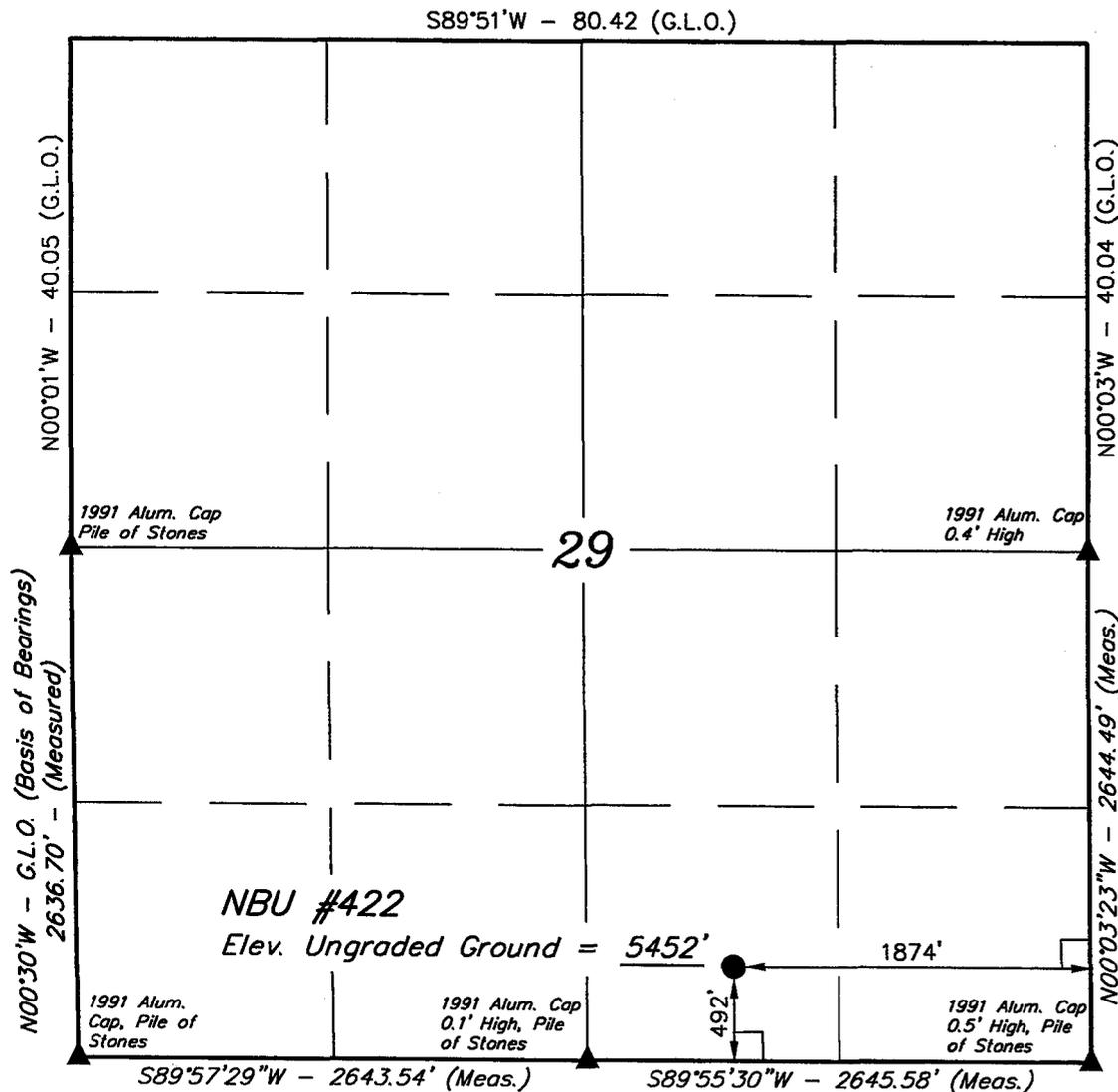
# T10S, R22E, S.L.B.&M.

## EL PASO PRODUCTION OIL & GAS COMPANY

Well location, NBU #422, located as shown in the SW 1/4 SE 1/4 of Section 29, T10S, R22E, S.L.B.&M. Uintah County, Utah.

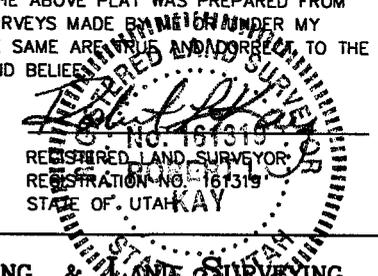
### BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 32, T10S, R22E, S.L.B.&M. TAKEN FROM THE ARCHY BENCH, 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 5478 FEET.



### CERTIFICATE

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



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

### LEGEND:

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

LATITUDE = 39°54'50"  
LONGITUDE = 109°27'36"

SCALE 1" = 1000'	DATE SURVEYED: 10-24-01	DATE DRAWN: 10-26-01
PARTY K.K. J.J. D.COX	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE EL PASO PRODUCTION OIL & GAS COMPANY	

# EL PASO PRODUCTION OIL & GAS COMPANY

NBU #422

SECTION 29, 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 DIRECTION APPROXIMATELY 6.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 2.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 2.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.9 MILES TO THE BEGINNING OF THE PROPOSED ACCESS ROAD TO THE NORTHEAST; FOLLOW ROAD FLAGS IN A NORTHEASTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 52.7 MILES.

002

**Additional Operator Remarks:**

NO REMARK PROVIDED

NBU #422  
 SW/SE Sec. 29, T10S,R22E  
 UINTAH COUNTY, UTAH  
 U-469

**ONSHORE ORDER NO. 1**

***DRILLING PROGRAM***

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

<u>Formation</u>	<u>Depth</u>
KB	5465'
Green River	980'
Wasatch	4070'
TD	6800'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Gas	Green River	980'
	Wasatch	4070'
Water	N/A	
Other Minerals	N/A	

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

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

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

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

5. **Drilling Fluids Program:**

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

6. **Evaluation Program:**

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

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 6800' TD, approximately equals 2800 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1224 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. **Variations:**

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

10. **Other Information:**

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

NBU #422  
SW/SE Sec. 29, T10S, R22E  
UINTAH COUNTY, UTAH  
U-469

ONSHORE ORDER NO. 1

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

An onsite inspection was conducted for the NBU #422 on 11/29/01, for the subject well.

1. **Existing Roads:**

Refer to the attached location directions.

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

2. **Planned Access Roads:**

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

Approximately 0.1 miles of new access road is proposed. Refer to Topo Map B.

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

Please refer to Topo Map C.

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

*Please see the Natural Buttes Unit SOP.*

Approximately 1200' of pipeline is proposed. Refer to Topo Map D for the location of the proposed pipeline.

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

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

*Please see the Natural Buttes SOP.*

6. **Source of Construction Materials:**

*Please see the Natural Buttes SOP.*

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

*Please see the Natural Buttes SOP.*

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

8. **Ancillary Facilities:**

*Please see the Natural Buttes SOP.*

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

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

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

As per previous onsite discussion, a 12 mil reserve pit liner with felt will be required.

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

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

*Please see the Natural Buttes SOP.*

The following seed mixture will be used to reclaim the surface. A total of 12 lbs/acre will be used if the seeds are drilled (24 lbs/acre if the seeds are broadcast). The per acre requirements for *drilled* seed are:

Indian Rice Grass	4 lbs.
Shade Scale	4 lbs.
Galleta Grass	4 lbs.

11. **Surface Ownership:**

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

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

12. **Other Information:**

A Class III archaeological survey has been conducted and a copy of this report is attached.

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  
El Paso Production O&G Co.  
P.O. Box 1148  
Vernal, UT 84078  
(435) 781-7024

Scott Palmer  
Drilling Manager  
El Paso Production O&G Co.  
9 Greenway Plaza, Suite 2770  
Houston, TX 77046  
(713) 420-4850

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.

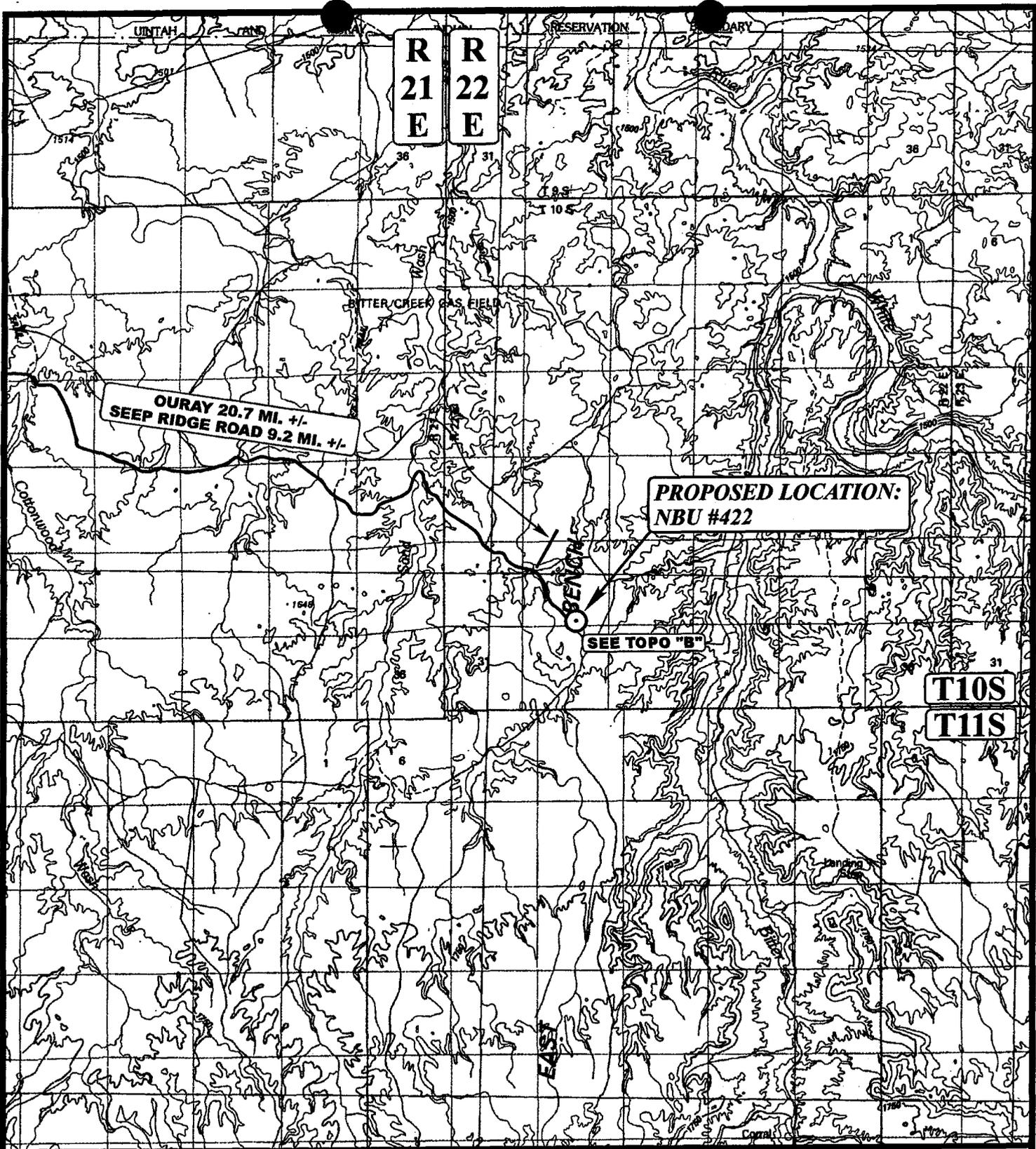
El Paso O&G Co. is considered to be the operator of the subject well. El Paso O&G Co. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon leased lands.

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

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.

/s/Sheila Upchego   
Sheila Upchego

12/3/01  
Date



**LEGEND:**

⊙ PROPOSED LOCATION



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

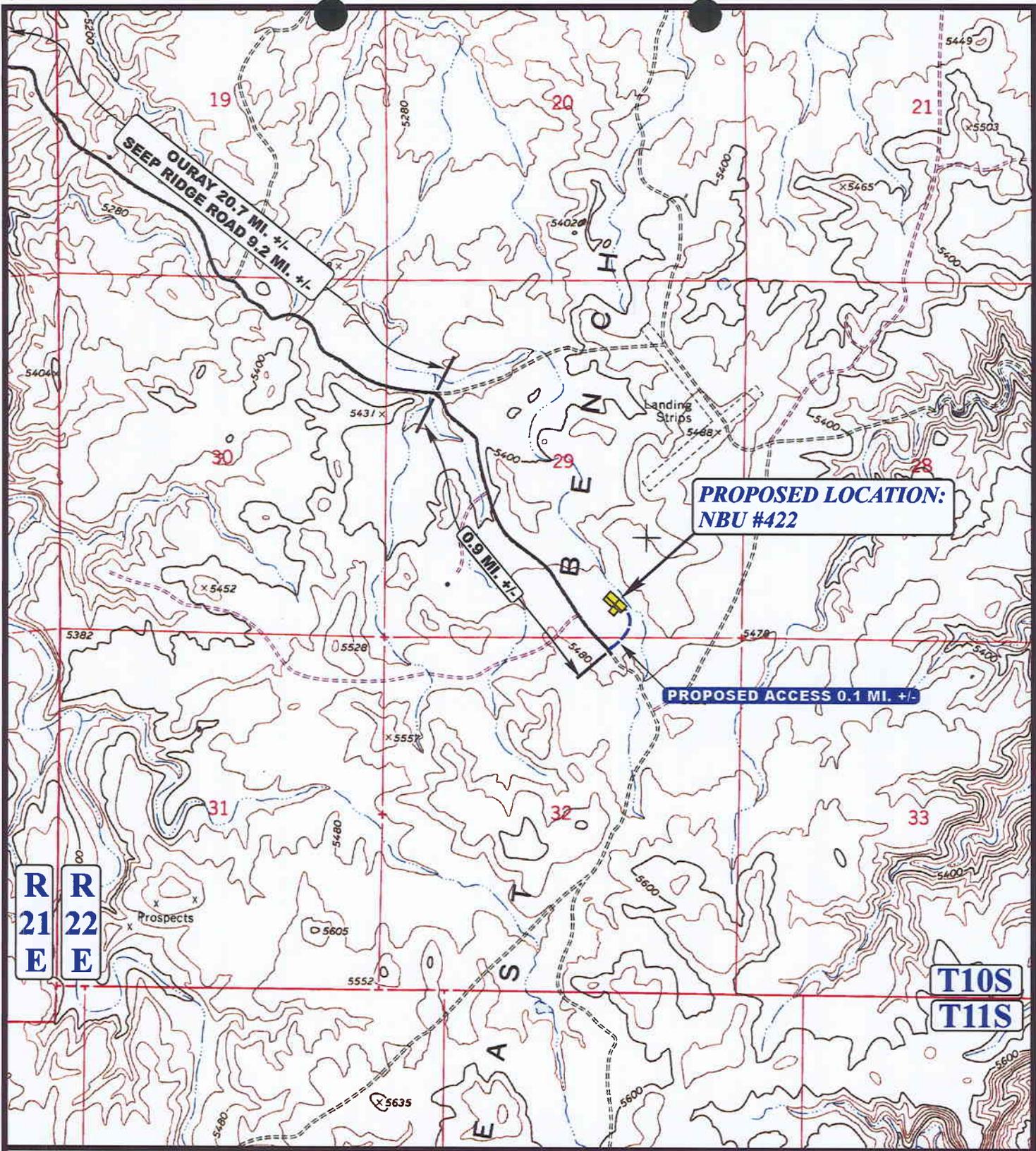


**EL PASO PRODUCTION OIL & GAS COMPANY**

**NBU #422**  
**SECTION 29, T10S, R22E, S.L.B.&M.**  
**492' FSL 1874' FEL**

**TOPOGRAPHIC** 10 31 01  
 MAP MONTH DAY YEAR  
 SCALE: 1:100,000 DRAWN BY: P.M. REVISED: 00-00-00





**LEGEND:**

- EXISTING ROAD
- PROPOSED ACCESS ROAD



**EL PASO PRODUCTION OIL & GAS COMPANY**

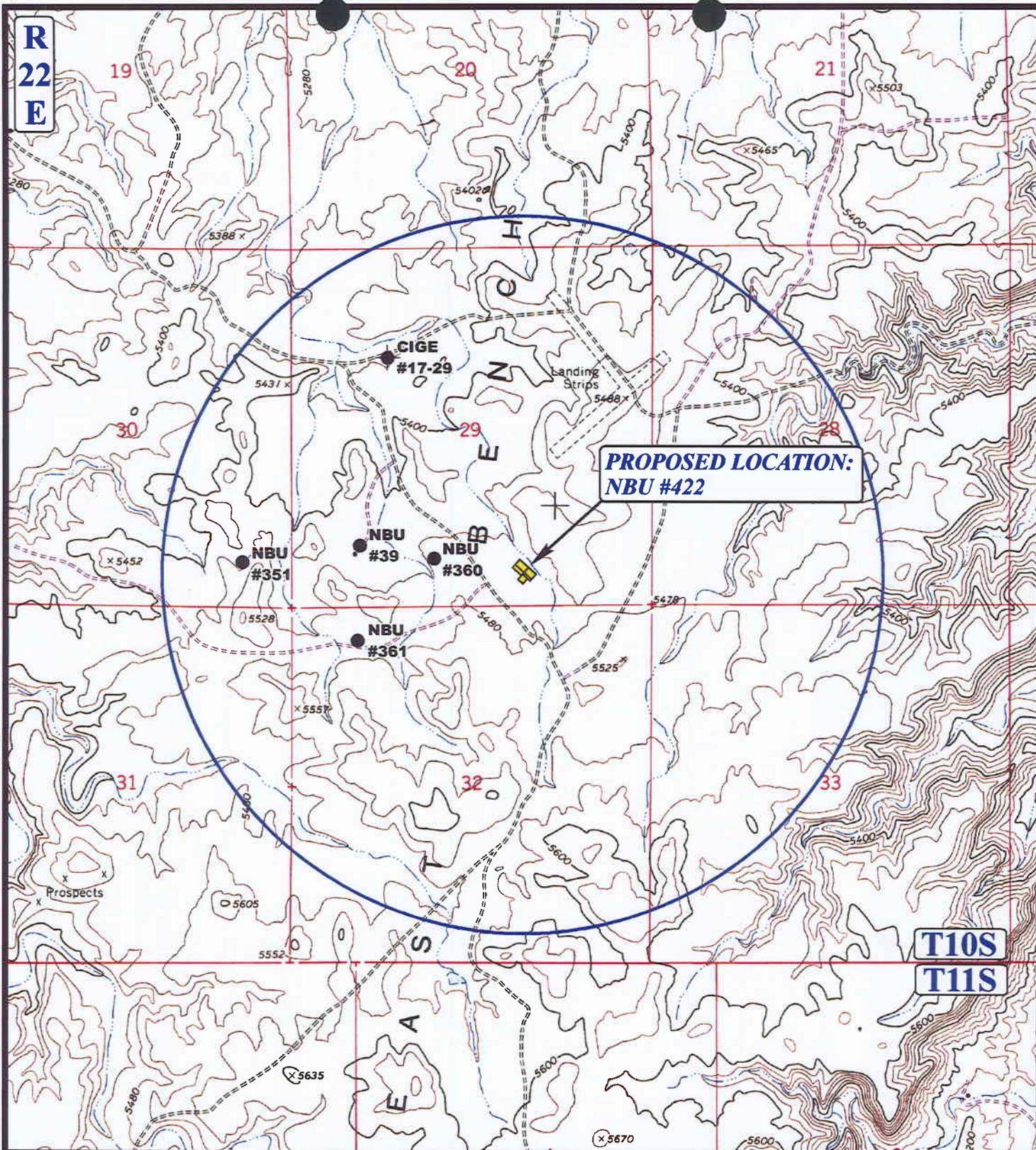
**NBU #422**  
**SECTION 29, T10S, R22E, S.L.B.&M.**  
**492' FSL 1874' FEL**



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

**TOPOGRAPHIC MAP** 10 31 01  
MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00





**PROPOSED LOCATION:  
NBU #422**

**LEGEND:**

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



**EL PASO PRODUCTION OIL & GAS COMPANY**

**NBU #422  
SECTION 29, T10S, R22E, S.L.B.&M.  
492' FSL 1874' FEL**



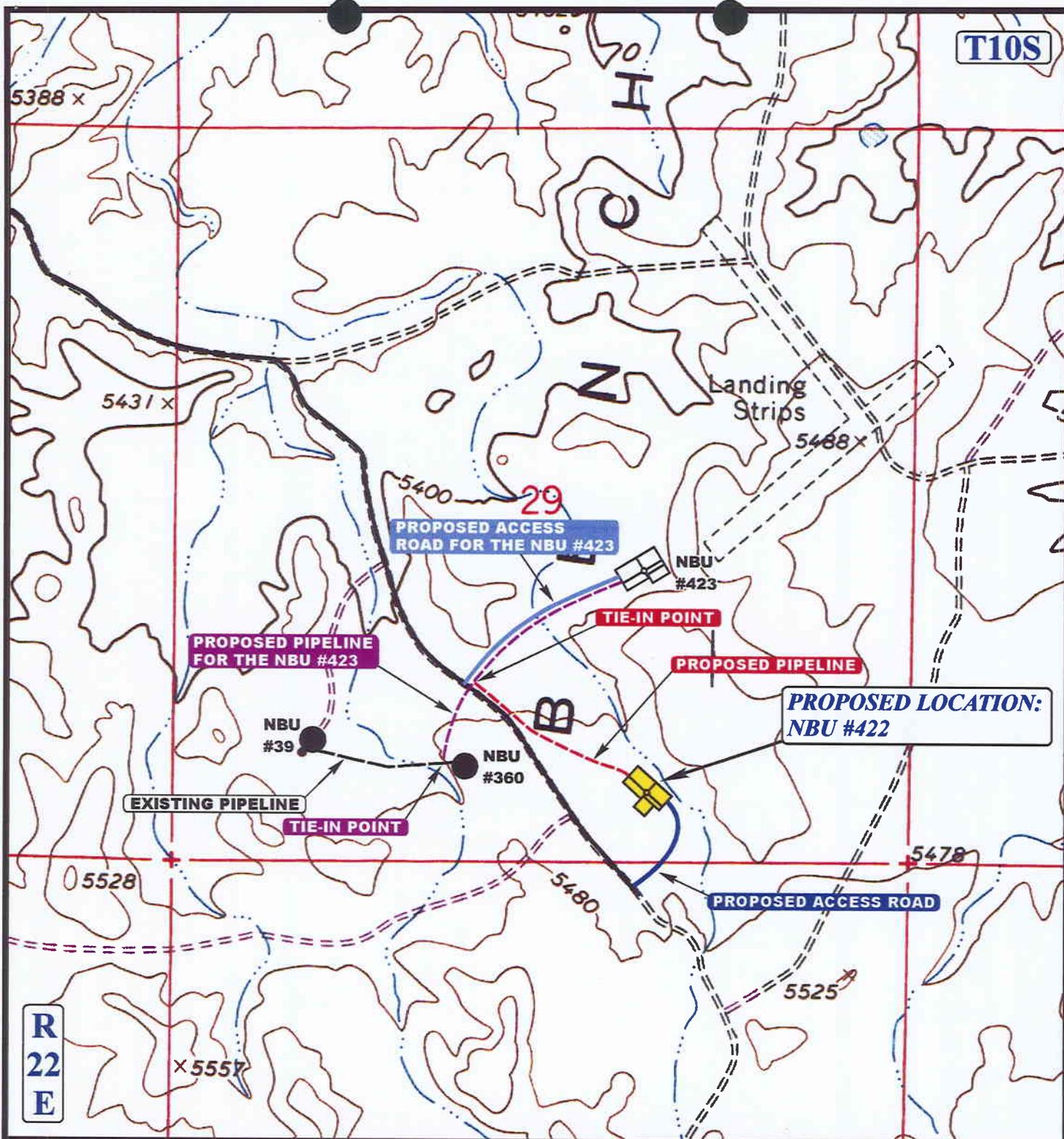
**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC  
MAP**

**10 31 01**  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00





**APPROXIMATE TOTAL PIPELINE DISTANCE = 1200' +/-**

**LEGEND:**

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



**EL PASO PRODUCTION OIL & GAS COMPANY**

**NBU #422  
SECTION 29, T10S, R22E, S.L.B.&M.  
492' FSL 1874' FEL**



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

**TOPOGRAPHIC MAP** 10 31 01  
MONTH DAY YEAR

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



# EL PASO PRODUCTION OIL & GAS COMPANY

**NBU #422**

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 29, T10S, R22E, S.L.B.&M.

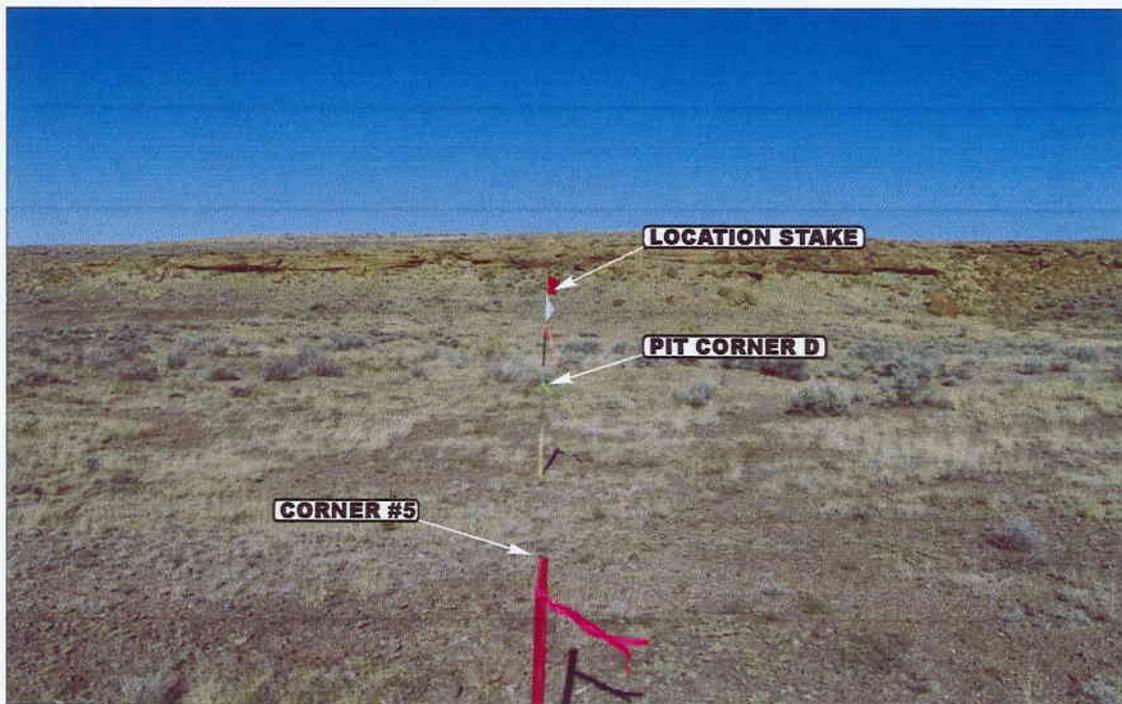


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY

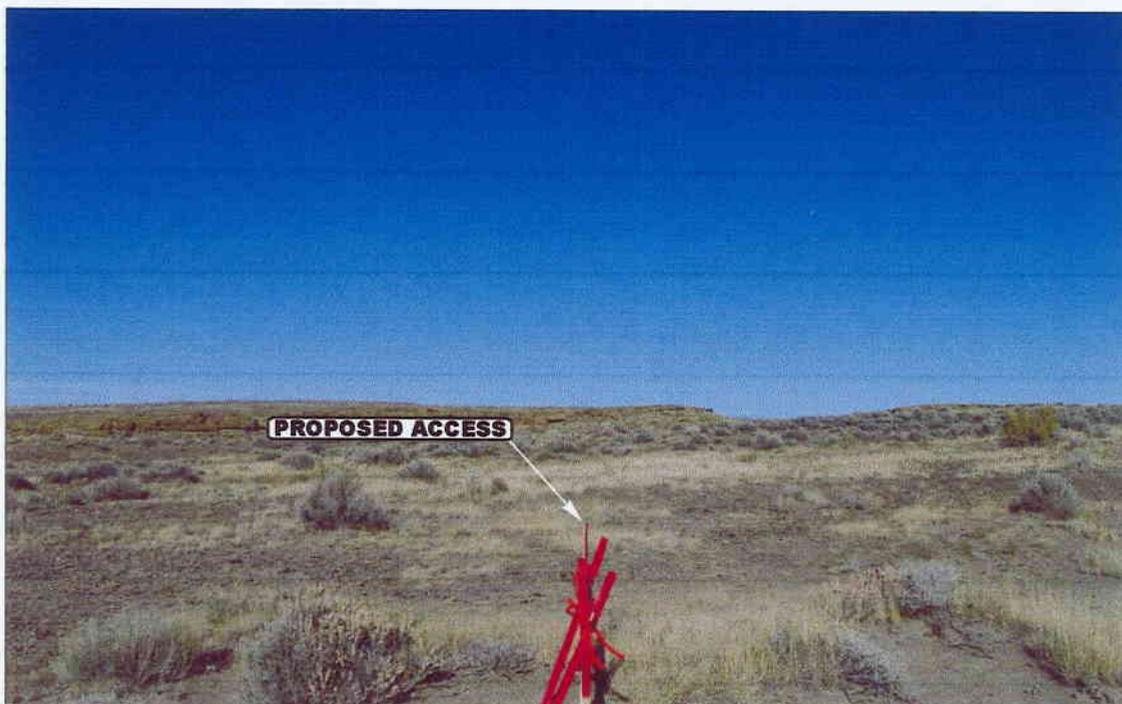


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



- Since 1964 -

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

**LOCATION PHOTOS**

**10** **31** **01**  
MONTH DAY YEAR

**PHOTO**

TAKEN BY: K.K. | DRAWN BY: P.M. | REVISED: 00-00-00

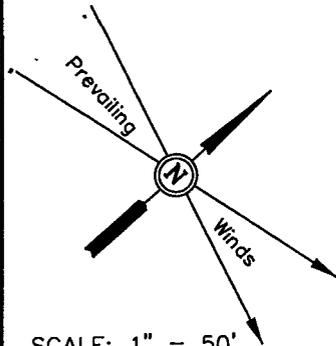
# EL PASO PRODUCTION OIL & GAS COMPANY

LOCATION LAYOUT FOR

NBU #422

SECTION 29, T10S, R22E, S.L.B.&M.

492' FSL 1874' FEL



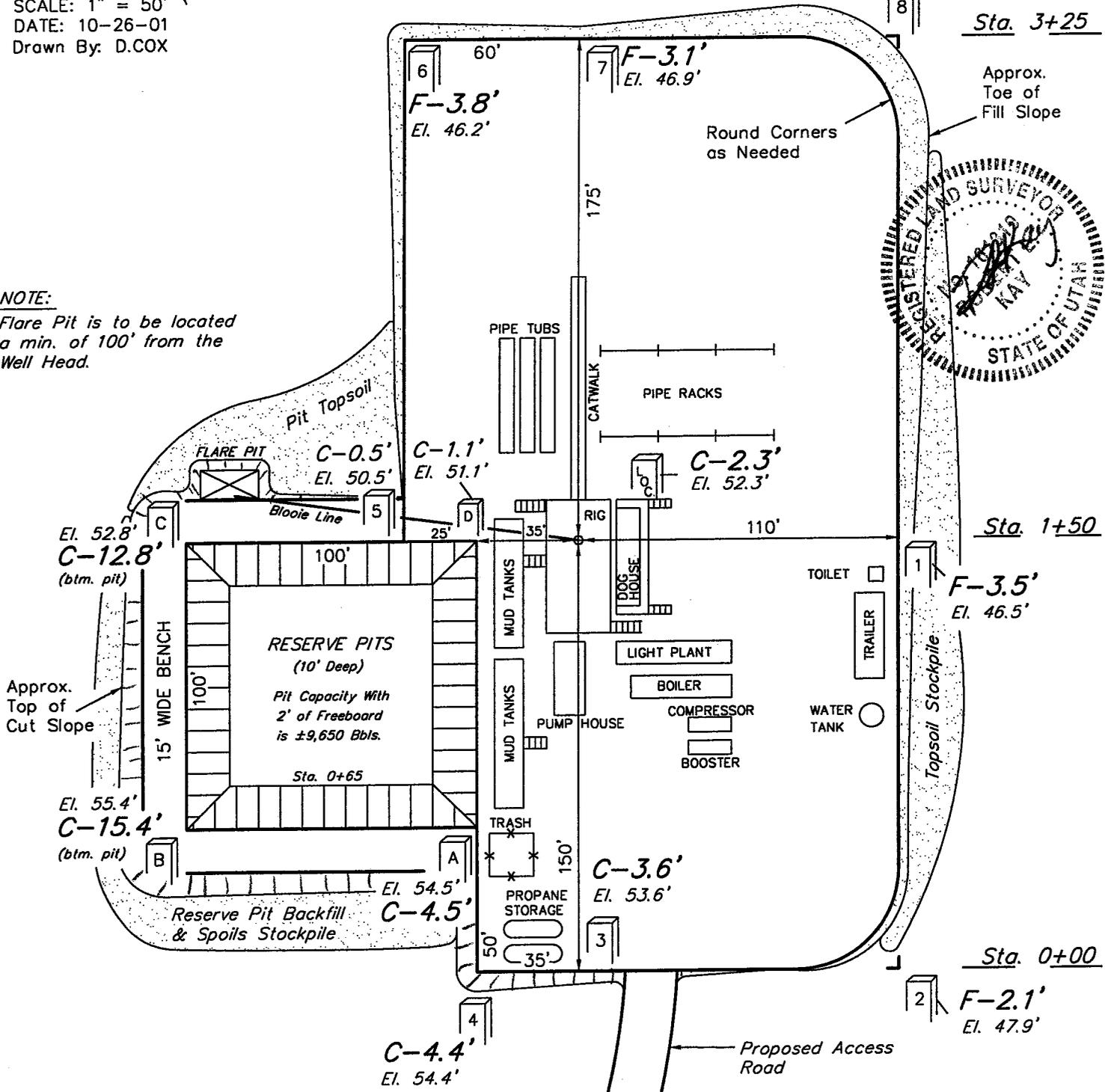
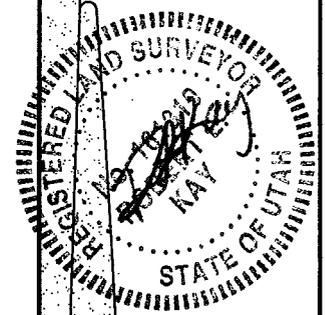
SCALE: 1" = 50'  
DATE: 10-26-01  
Drawn By: D.COX

F-7.1'  
El. 42.9'

Sta. 3+25

Approx. Toe of Fill Slope

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



**NOTES:**

Elev. Ungraded Ground At Loc. Stake = 5452.3'  
FINISHED GRADE ELEV. AT LOC. STAKE = 5450.0'

**FIGURE #1**

# EL PASO PRODUCTION OIL & GAS COMPANY

## TYPICAL CROSS SECTIONS FOR

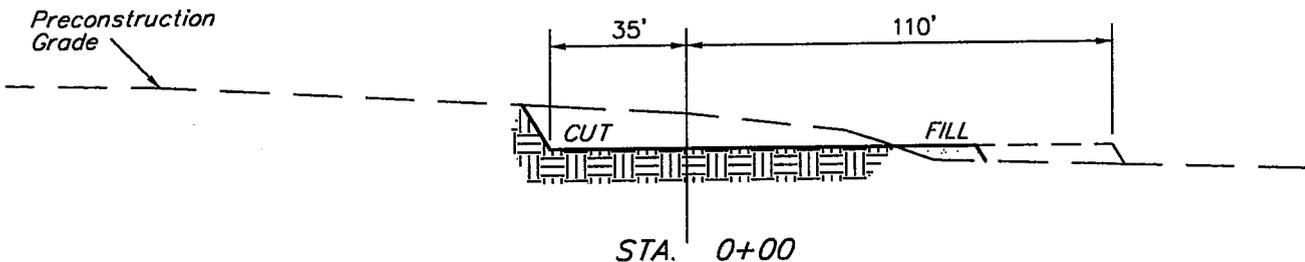
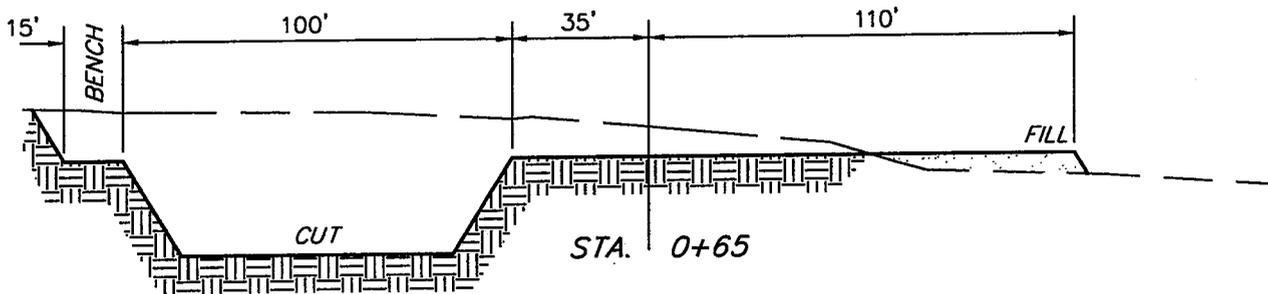
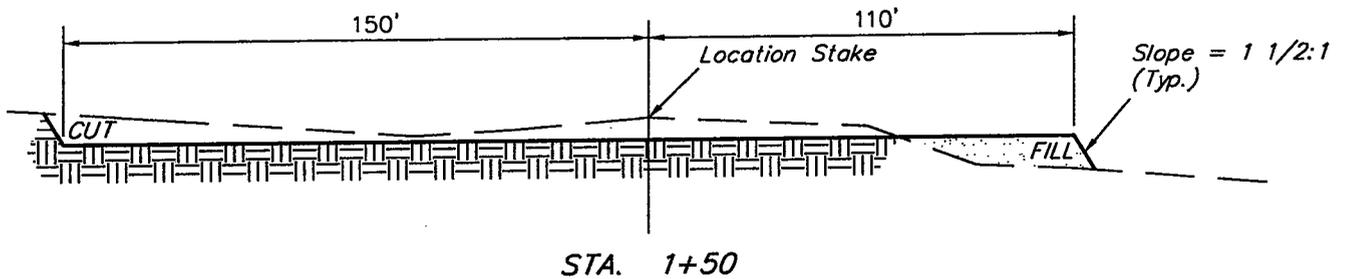
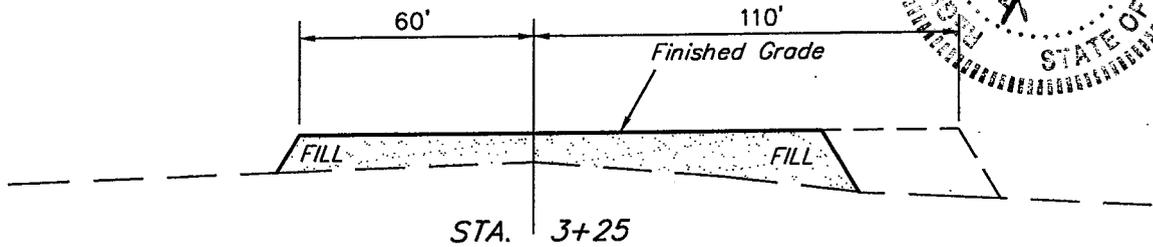
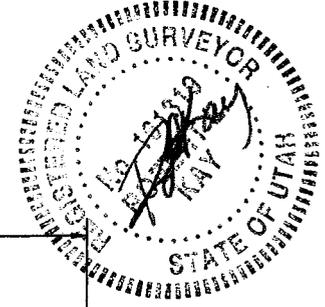
NBU #422

SECTION 29, T10S, R22E, S.L.B.&M.

492' FSL 1874' FEL

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

DATE: 10-26-01  
Drawn By: D.COX



### FIGURE #2

#### APPROXIMATE YARDAGES

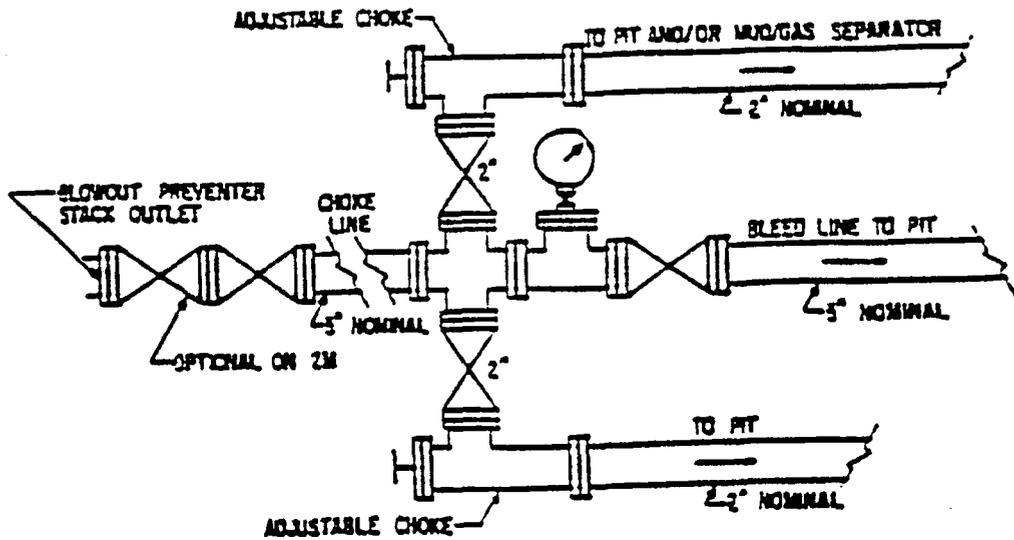
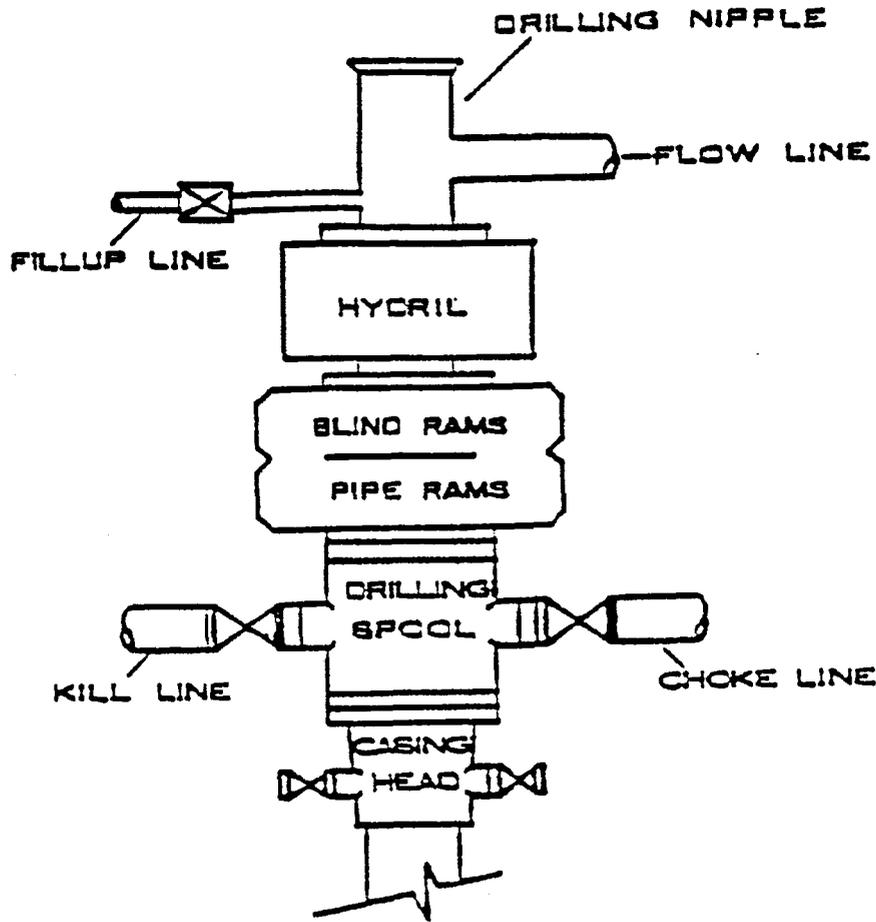
CUT	
(6") Topsoil Stripping	= 1,220 Cu. Yds.
Remaining Location	= 5,680 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 6,900 CU.YDS.</b>
<b>FILL</b>	<b>= 4,120 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 2,560 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,560 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

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

3,000 PSI

# BOP STACK



**ORIGINAL**

**CULTURAL RESOURCE INVENTORY OF  
EL PASO PRODUCTION'S EIGHT WELL LOCATIONS  
IN THE NATURAL BUTTES AREA  
UINTAH COUNTY, UTAH**

Keith R. Montgomery

**CULTURAL RESOURCE INVENTORY OF  
EL PASO PRODUCTION'S EIGHT WELL LOCATIONS  
IN THE NATURAL BUTTES AREA  
UINTAH COUNTY, UTAH**

**Keith R. Montgomery**

**Prepared For:**

**Bureau of Land Management  
(Vernal Field Office)**

**Prepared Under Contract With:**

**El Paso Production 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. 01-175**

**November 16, 2001**

**United States Department of Interior (FLPMA)  
Permit No. 01-UT-60122**

**State of Utah Antiquities Project (Survey)  
Permit No. U-01-MQ-0723b**

## INTRODUCTION

A cultural resource inventory was conducted by Montgomery Archaeological Consultants (MOAC) in November 2001 for El Paso Production Oil and Gas Company's proposed eight well locations in the Natural Buttes area, southeast of Ouray, Utah. The proposed well locations are designated: CIGE #268, NBU #395, NBU #401, NBU #404, NBU #405, NBU #422, NBU #423 and NBU #424. The survey was implemented at the request of Mr. Carroll Estes, El Paso Production Oil and Gas Company, Vernal, Utah. The project is situated on land administered by the Bureau of Land Management (BLM), Vernal Field Office

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 and 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 Utah State Antiquities Act of 1973 (amended 1990).

The fieldwork was performed on November 9 and 10, 2001 by Keith R. Montgomery, Principal Investigator for MOAC and Jacki Montgomery. The project was initiated under the auspices of U.S.D.I. (FLPMA) Permit No. 01-UT-60122 and State of Utah Antiquities Permit (Survey) No. U-01-MQ-0723b.

A file search was performed by Sarah Ball at the Utah Division of State History on October 15, 2001. This consultation indicated that numerous archaeological inventories have been completed in the project area. In 1991, Metcalf Archaeological Consultants (MAC) inventoried several Natural Butte well locations for Coastal Oil and Gas Corporation (Scott 1991a, b). No cultural resources were located. That same year, MAC inventoried 18 proposed well locations and access routes for Coastal Oil and Gas Corporation on State of Utah lands (O'Brien, Lubinski, and Scott 1991). In 1992, Archeological-Environmental Research Corporation (AERC) reported on its 1990 and 1991 cultural evaluations in eastern Utah for the Seep Ridge-Book Cliffs highway route and four alternate corridors (Hauck 1992). A total of 44 new archaeological sites were recorded, and an additional 33 previously recorded sites were relocated. The sites consisted of rock art, rock shelters, lithic scatters, habitations, temporary camps, a Ute burial, European American surface and dugout occupations, roadways, a historic cabin, a historic mine, a railroad, and historic inscriptions. Of the 77 total sites, 58 were evaluated as eligible for inclusion to the NRHP. In 1995, AERC surveyed the Glen Bench Road, documenting a nonsignificant lithic scatter (42Un1792) (Hauck and Hadden 1995). In 1997, MAC conducted an inventory of five COG well locations and associated pipeline and access routes (Spath 1997). No cultural resources were found. In 2001, MOAC conducted several inventories for El Paso Production in the Natural Buttes area (Montgomery 2001a, 2001b, 2001c). No cultural resources were found during these inventories.

## DESCRIPTION OF PROJECT AREA

The eight proposed El Paso Production well locations, access roads, and pipelines are situated in the Natural Buttes Field, southeast of Ouray, Utah (Figures 1 through 4, Table 1). A total of 98.90 acres was inventoried on BLM administered land (Vernal Field Office).

Table 1. El Paso Production's Natural Butte Eight Well Locations

Well Location Designation	Legal Location	Location at Surface	Access/Pipeline	Cultural Resources
CIGE #268	T 10S, R 22E, Sec. 8 NE/SE	1731' FSL 1877' FEL	650' Access Route 1192' Pipeline Route	None
NBU #395	T 9S, R 21E, Sec. 27 NW/NW	637' FSL 953' FWL	1000' Access Route	None
NBU #401	T10S, R21E, Sec. 23 NE/NE	729' FNL 688' FEL	1490' Pipeline	None
NBU #404	T9S, R22E, Sec. 32 SW/SE	895' FSL 1935' FEL	198' Pipeline	None
NBU #405	T9S, R21E, Sec. 32 NE/NE	1051' FNL 359' FEL	943' Pipeline	42Un2960
NBU #422	T10S, R22E, Sec. 29 SW/SE	492' FSL 1874' FEL	347' Access Route 844' Pipeline Route	None
NBU #423	T10S, R22E, Sec. 29 NW/SE	2090' FSL 1915' FEL	1043' Access/Pipeline	None
NBU #424	T10S, R22E, Sec. 29 NE/SW	2178' FSL 2240' FWL	Shares Access/Pipeline with NBU #423	None

### Environment

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. The elevation ranges from 4940 to 5480 feet a.s.l. The project occurs within the Upper Sonoran Desert Shrub Association which includes shadscale, sagebrush, mat saltbrush, snakeweed, rabbitbrush, prickly pear cactus, Indian Ricegrass and non-native grasses. Modern disturbances include roads, and oil/gas development.

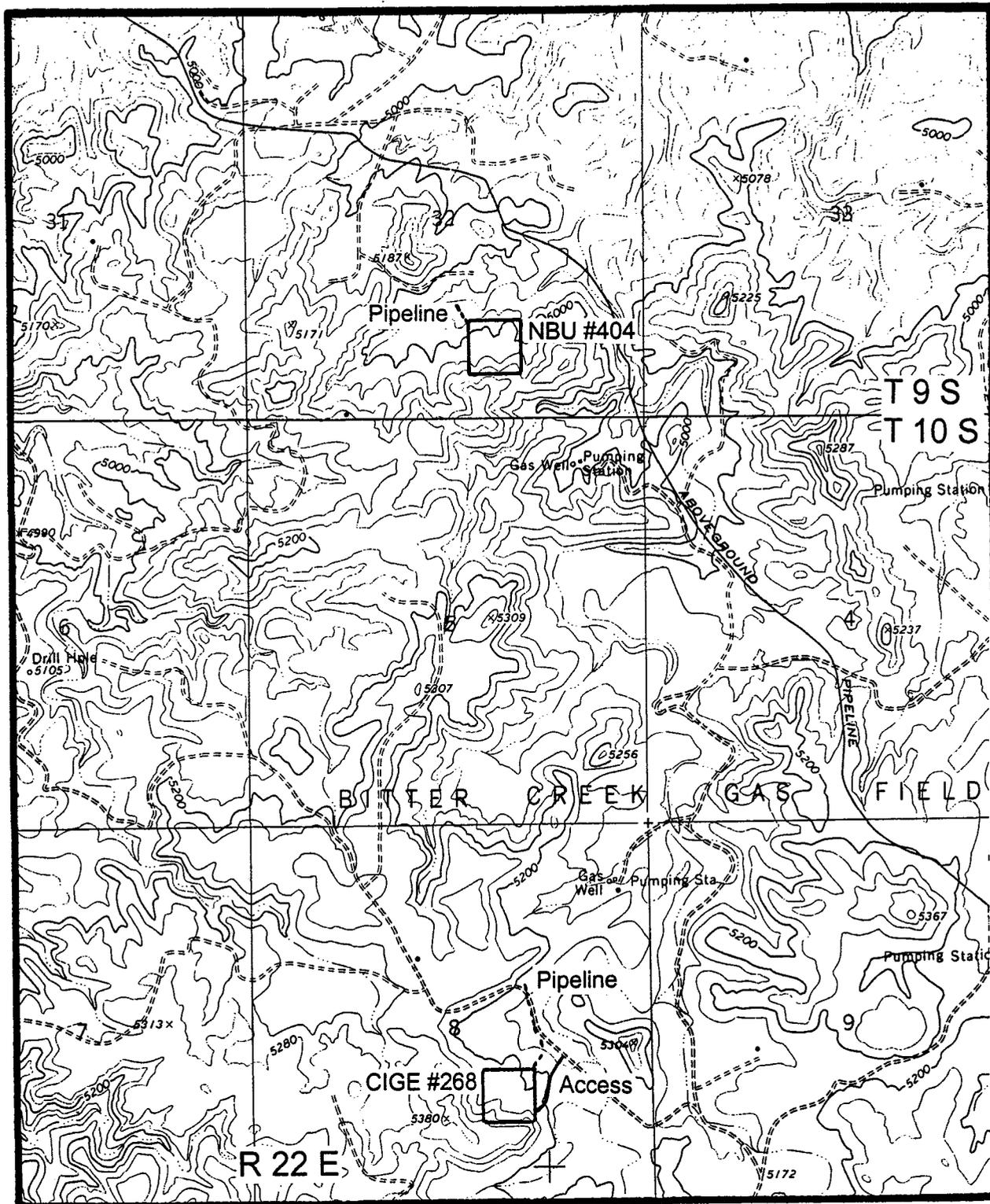


Figure 1. Inventory Area of El Paso Production Oil and Gas Company's CIGE #268 and NBU #404 well locations. USGS 7.5' Archy Bench, Utah 1968. Scale 1:24000.

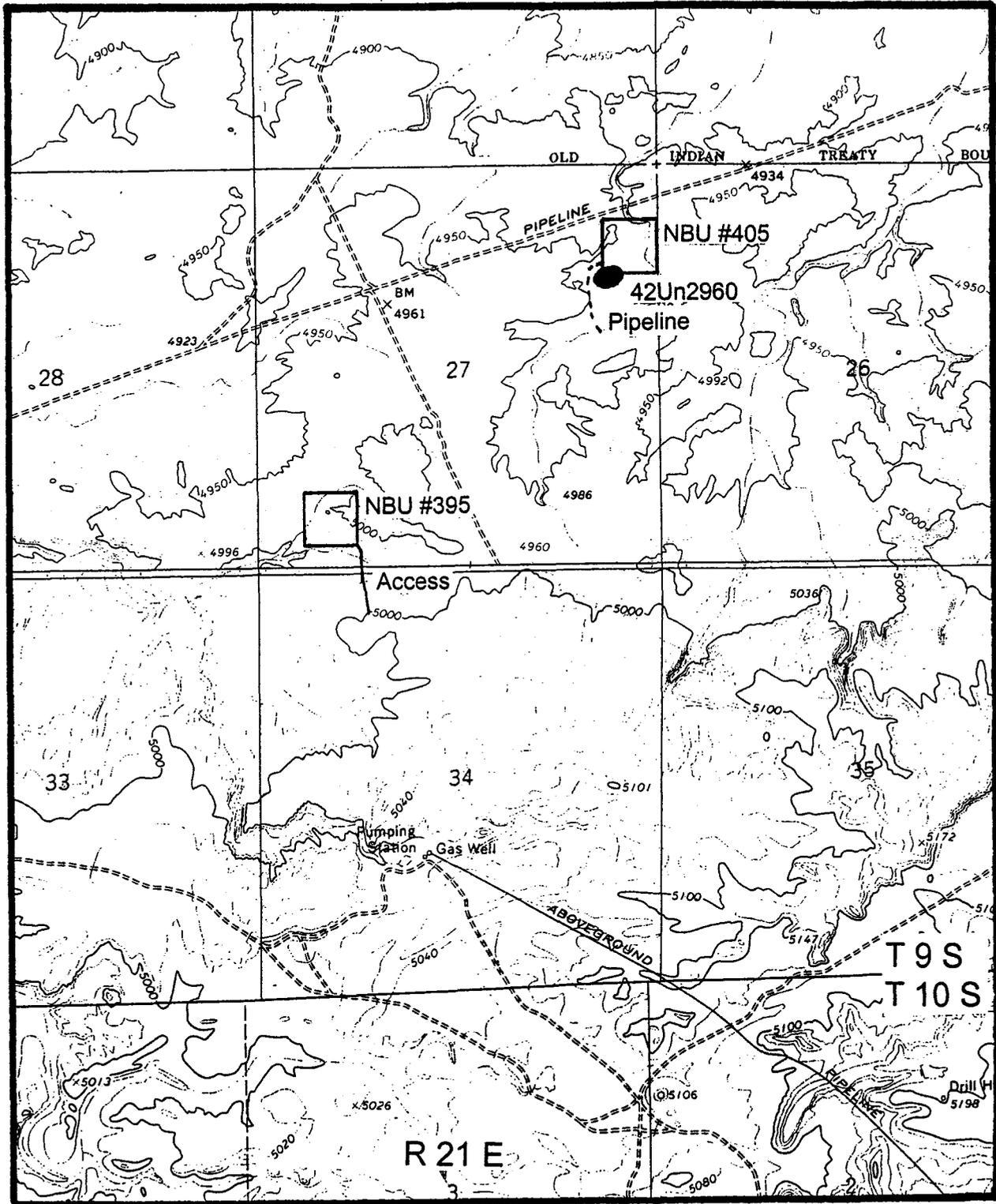


Figure 2. Inventory Area of El Paso Production Oil and Gas Company's NBU #395 and NBU #405 well locations with Cultural Resource . USGS 7.5' Big Pack Mtn NE, Utah 1968 and Ouray SE, Utah 1964. Scale 1:24000.

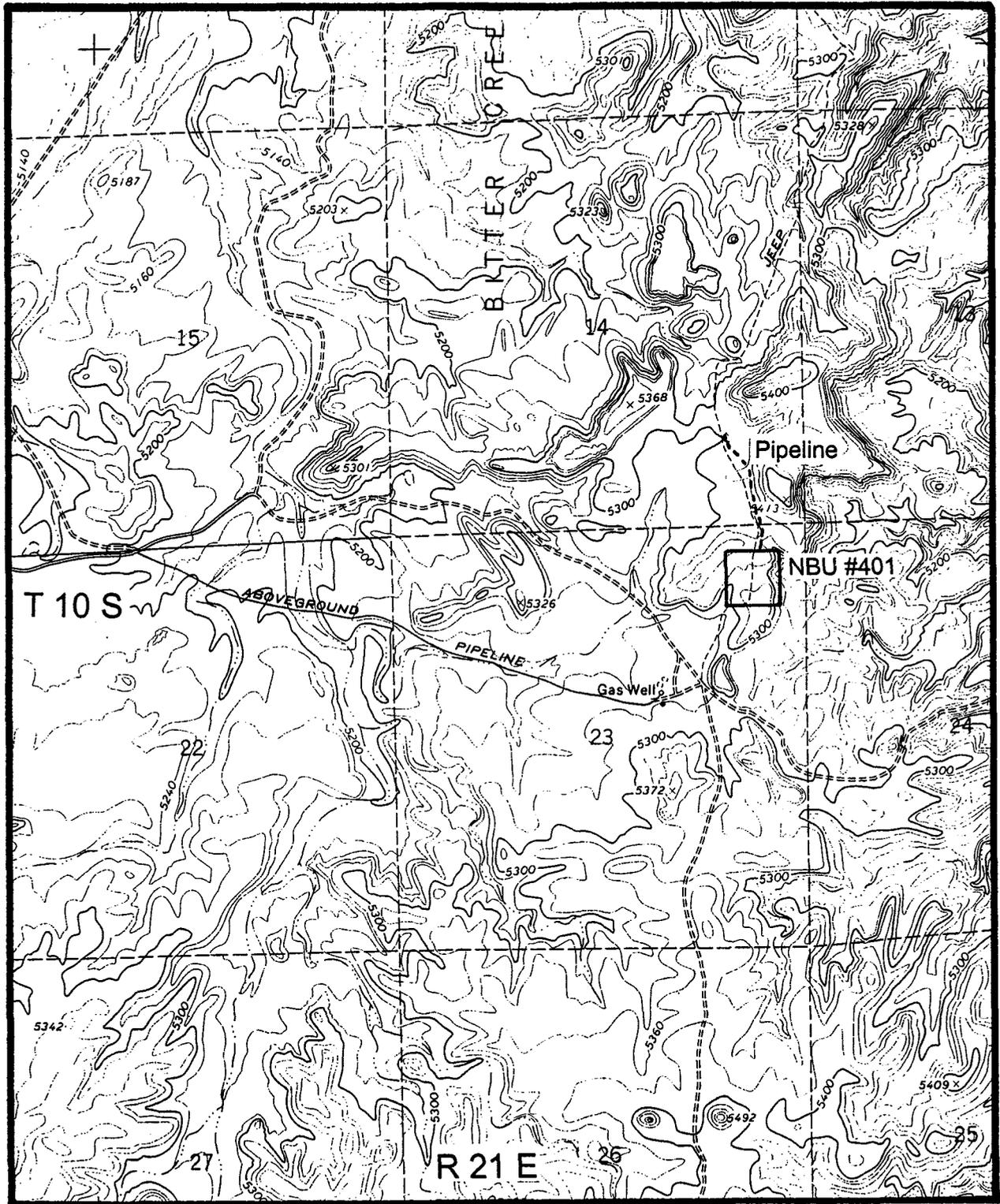


Figure 3. Inventory Area of El Paso Production Oil and Gas Company's NBU #401 well location. USGS 7.5' Big Pack Mtn NE, Utah 1968. Scale 1:24000.

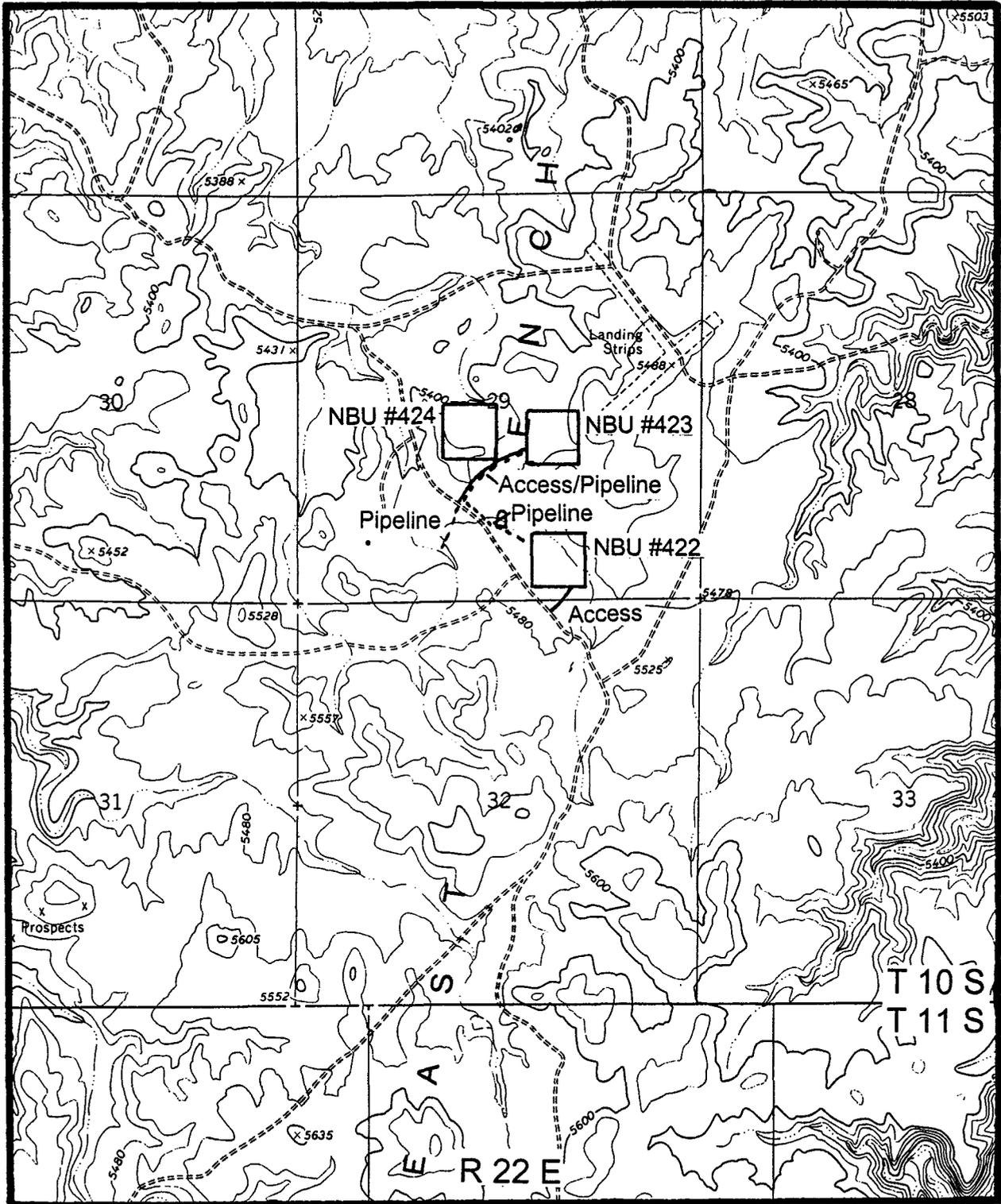


Figure 4. Inventory Area of El Paso Production Oil and Gas Company's NBU #422, NBU #423 and NBU #424 well locations. USGS 7.5' Archy Bench, Utah 1968. Scale 1:24000.

## Cultural-Historical Overview

The cultural-chronological sequence represented in the study area includes the Paleoindian, Archaic, Fremont, Protohistoric, and Euro-American stages. The earliest inhabitants of the region are representative of the Paleoindian stage (ca. 12,000-8,000 B.P.). This stage is characterized by the adaptation to terminal Pleistocene environments and by the exploitation of big game fauna. The presence of Paleoindian hunters in the Uinta Basin region is inferred by the discovery of Clovis and Folsom fluted points (ca. 12,000 B.P. - 10,000 B.P.), as well as the more recent Plano Complex lanceolate projectile points (ca. 10,000 B.P. - 7,000 B.P.). However, no such artifacts have been recovered in stratigraphic or chronometrically controlled contexts in northeastern Utah.

The Archaic stage (ca. 8,000 B.P. - 1,500 B.P.) is characterized by peoples depending on a foraging subsistence strategy, seasonally exploiting a wide spectrum of plant and animal species in different ecozones. The shift to an Archaic lifeway was marked by the appearance of new projectile point types perhaps reflecting the development of the atlatl in response to a need to pursue smaller and faster game (Holmer 1986). In the Uinta Basin, evidence of widespread Early Archaic exploitation is relatively sparse compared to the subsequent Middle and Late Archaic periods. Early Archaic (ca. 6000 to 4000 B.C.) sites in the basin include sand dune sites and rockshelters clustered mainly in the lower White River drainage as well as along the Green River in the Browns Park and Flaming Gorge area (Spangler 1995:373). Projectile points recovered from Uinta Basin contexts include Pinto Series, Humboldt, Elko Series, Northern Side-notched, Hawken Side-notched, Sudden Side-notched and Rocker Base Side-notched points. Excavated sites in the area with Early Archaic components include Deluge Shelter in Dinosaur National Monument (Leach 1970), and open campsites along the Green River and on the Diamond Mountain plateau (Spangler 1995:374). The Middle Archaic period (ca. 4000 to 1000 B.C.) is characterized by improved climatic conditions and increased human populations on the northern Colorado Plateau. Several stratified Middle Archaic sites have been excavated and dozens of sites have been documented in the Uinta Basin. Middle Archaic sites in the area reflect cultural influences from the Plains, although a Great Basin and/or northern Colorado Plateau influence is represented in the continuation of the Elko Series projectile points. Subsistence data from Middle Archaic components indicate gathering and processing of plants as well as faunal exploitation (e.g., mule deer, antelope, bighorn sheep, cottontail rabbit, muskrat, prairie dog, beaver and birds). The Late and Terminal Archaic periods (ca. 1000 B.C. to A.D. 550) in the Uinta Basin are distinguished by the continuation of Elko Series atlatl points with the addition of semi-subterranean residential structures at base camps. By about A.D. 100, maize horticulture and Rose Springs arrow points had been added to the Archaic lifeway. In the Uinta Basin, the earliest evidence of Late Archaic architecture occurs at the Cockleburr Wash Site (42Un1476), where a temporary structure, probably a brush shelter, yielded a date of 316 B.C. The structure was probably associated with seasonal procurement of wild floral resources gathered along Cliff Creek (Tucker 1986).

The Formative stage (A.D. 500-1300) is recognized in the area as the Uinta Fremont as first termed by Marwitt (1970). This stage is characterized by reliance upon domesticated corn and squash, increasing sedentism, and in its later periods, substantial habitation structures, pottery, and bow and arrow weapon technology. Based on the evidence from Caldwell Village, Boundary Village, Deluge Shelter, Mantles Cave and others, the temporal range of the Uinta Fremont appears to be from A.D. 650 to 950. This variant is characterized by shallow, saucer-shaped pithouse surface structures with randomly placed postholes and off-center firepits, some of which were adobe-rimmed. Traits considered unique or predominate to the Uinta Basin include calcite-tempered pottery, two-handled wide-mouth vessels, Uinta type metates, the use of gilsonite for pottery repair, settlement on tops of buttes and large-shouldered bifaces (Shields 1970).

Archaeological evidence suggests that Numic peoples appeared in east-central Utah at approximately A.D. 1100 or shortly before the disappearance of Formative-stage peoples (Reed 1994). The archaeological remains of Numic-speaking Utes consist primarily of lithic scatters with low quantities of brown ware ceramics, rock art, and occasional wickiups. The brown ware ceramics appear to be the most reliable indicator of cultural affiliation, as Desert Side-notched and Cottonwood Triangular points were manufactured by other cultural groups beside the Ute (Horn, Reed, and Chandler 1994:130). The Ute appear to have been hunter and gatherers exploiting various faunal and floral resources.

On May 5, 1864 Congress passed a law confirming the 1861 executive order setting up the Uintah Reservation (Burton 1996:24). This treaty provided that the Ute people give up their land in central Utah and move within one year to the Uintah Reservation without compensation for loss of land and independence. The Uinta-ats (later called Tavaputs), PahVant, Tumpanawach, and some Cumumba and Sheberetch of Utah were gathered together at the Uintah agency during the late 1860s and early 1870s to form the Uintah Band (Burton 1996:18-19). In 1880, 665 Utes from the White River agency were forced to relocate to the Uintah Reservation where they found 800 Utes from several bands (Callaway, Janetski, and Stewart 1986:355). Shortly thereafter, 361 Uncompahgre Utes were forced to sell their lands, relocated to the Ouray Reservation adjacent to the southern boundary of the Uintah Reservation. This area embraced a tract of land to the east and south of the Uintah Reservation below Ouray lying east of the Green River. A separate Indian Agency was established in 1881 with headquarters at Ouray which was located across the river from where the first military post, Fort Thornburgh was located (Burton 1996).

The Dawes Severalty Act reduced Ute holdings in Utah, which were slightly over four million acres, that had been set aside as the Uintah Reservation by President Lincoln in 1861. This act, protested by many Utes, provided individual allotment of tracts to each Ute Indian. The remainder of the land promised to the Utes as a reservation was opened to white settlement (mainly Mormon) and mineral exploration. In August 1905, President Theodore Roosevelt proclaimed that the Uintah Reservation would be opened to entry,

“settlement and disposition under the general provision of the homestead and township laws of the United States” (Burton 1996:93). The White River Utes requested removal from the reservation as the whites rushed in to claim the land for settlement and farms. Their appeal was denied which provoked a mass exodus in 1906 of more than 300 White River and Uncompahgre Utes accompanied by a few leaders of the Uintah band (Pettit 1990:138). After two years of living on the Sioux reservation in South Dakota they were escorted back to their Utah reservation.

## SURVEY METHODOLOGY

An intensive pedestrian survey was performed for this project which is considered 100% coverage. At each of the proposed well locations, a ten acre parcel, centered on the center stake of the location, was surveyed by the archaeologists walking parallel transects space no more than 10 meters apart. The access and pipeline corridors were 100 feet wide, surveyed by walking parallel transects along the staked centerline, spaced no more than 10 m (30 ft) apart. A wider corridor (150 foot) was inspected when access/pipeline routes shared a corridor. Ground visibility was considered to be good. A total of 98.90 acres was inventoried on BLM (Vernal Field Office) administered land.

Cultural resources were recorded as either an archaeological site or isolated finds of artifacts. Archaeological sites were defined as spatially definable areas with features and/or ten or more artifacts. Sites were documented by the archaeologists walking transects across the site, spaced no more than 3 m apart, and marking the locations of cultural materials with pinflags. This procedure allowed clear definition of site boundaries and artifact concentrations. At the completion of the surface inspection, a Brunton compass was employed to point-provenience diagnostic artifacts and other relevant features in reference to the site datum. Archaeological sites were plotted on a 7.5' USGS quadrangle, and photographed, with site data entered on an Intermountain Antiquities Computer System (IMACS, 1990 version) inventory form (Appendix A). A rebar with an aluminum cap stamped with the temporary site number was placed at the newly recorded site.

## INVENTORY RESULTS

The inventory of the eight proposed El Paso Production Oil and Gas Company well locations in the Natural Buttes area resulted in the location of one prehistoric archaeological site, 42Un2960.

### Archaeological Sites

Smithsonian Site No.: 42Un2960  
Temporary Site No.: MOAC 175-1  
Legal Description: T9S, R21E, Section 27  
Jurisdiction: Bureau of Land Management  
NRHP Eligibility: Eligible

Description: This is a prehistoric temporary camp located on an aeolian dune and associated blowout in a valley above a dry wash. Cultural materials consists of lithic debitage and 9 tools, including unprepared cores, groundstone (manos and metates), a utilized flake, and one Pinto Shouldered projectile point which dates this site to an Early Archaic occupation. Lithic debitage (n-27) is dominated by secondary reduction flakes manufactured from various types of chert and quartzite. No cultural features were found, however there is good potential for subsurface prehistoric remains.

### NATIONAL REGISTER OF HISTORIC PLACES EVALUATION

The National Register Criteria for Evaluation of Significance and procedures for nominating cultural resources to the National Register of Historic Places (NRHP) are outlined in 36 CFR 60.4 as follows:

The quality of significance in American history, architecture, archaeology-logy, and culture is present in districts, sites, buildings, structures, and objects of State and local importance that possess integrity of location, design, setting, material, workmanship, feeling, and association, and that they:

- a)...are associated with events that have made a significant contribution to the broad patterns of our history; or
- b)...are associated with the lives of persons significant to our past; or
- c)...embody the distinctive characteristics of a type, period, or method of construction; or that represents the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or
- d)...have yielded or may be likely to yield information important in prehistory or history.

The inventory of El Paso Production Company's eight proposed well locations in the Natural Buttes area resulted in the finding of one prehistoric lithic scatter, 42Un2960. This site lies on aeolian deposition and has potential for buried diagnostic artifacts and cultural features, exhibiting spacial patterning. Thus, the site is evaluated as eligible for inclusion to the NRHP under Criterion D, on the basis of its potential ability to provide information relevant to the prehistory of the area.

## MANAGEMENT RECOMMENDATIONS

The cultural resource inventory for El Paso Production Company's eight well locations at the Natural Buttes project area resulted in the documentation of one site that is recommended as eligible to the NRHP. Site 42Un2960 is a temporary camp that has the potential to yield buried cultural materials. The proposed alternate pipeline for the NBU #405 well location avoids the site. Based on these findings, a determination of "no historic properties affected" is proposed for this project pursuant to Section 106, CFR 800.

## REFERENCES CITED

- Burton, D.K.  
1996 *A History of Uintah County: Scratching the Surface*. Utah Centennial County History Series. Utah State Historical Society and Uintah County Commission.
- Callaway, D., J. Janetski, and O.C. Stewart  
1986 Ute. In *Great Basin*, edited by Warren L. D'Azevedo, pp. 336-367. Handbook of North American Indians, Volume II: Great Basin, edited by William C. Sturtevant, Smithsonian Institution, Washington.
- Hauck, F.R.  
1992 Archaeological Evaluations in the Northern Colorado Plateau Cultural Area. An Investigation of the Seep Ridge-Book Cliffs-Red Wash- Hay Canyon-Whetrock Canyon and Interstate 70-Exit 220 Alternative Highway Routes in Uintah And Grand Counties, Utah. Paper No. 45 of the Archeological-Environmental Research Corporation (AERC), Bountiful, Utah. On file at the Utah Division of State History, Salt Lake City.
- Hauck, F.R., and G.V. Hadden  
1995 Cultural Resource Evaluation of the Proposed Glen Bench Road in the White River Locality of Uintah County, UT. Archeological-Environmental Research Corp. Bountiful, UT. Project No. UT-95-AF-083. On file at the Utah Division of State History.
- Holmer, R.  
1986 Projectile Points of the Intermountain West. In *Anthropology of the Desert West: Essays in Honor of Jesse D. Jennings*, edited by Carol J. Condie and Don D. Fowler, pp. 89-116. *University of Utah Anthropological Papers* No. 110. Salt Lake City.
- Horn, J.C., A.D. Reed, and S.M. Chandler  
1994 Grand Resource Area Class I Cultural Resource Inventory. Alpine Archaeological Consultants, Inc. Montrose. Bureau of Land Management, Moab, Utah.

- Leach, L.L.  
1970 Archaeological Investigations at Deluge Shelter in Dinosaur National Monument, Ph.D. dissertation, University of Colorado, Boulder. Marwitt, J.P.
- Marwitt, J.P.  
1970 Median Village and Fremont Culture Regional Variation. *University of Utah Anthropological Papers* No. 95. Salt Lake City.
- Montgomery, K.R.  
2001a Cultural Resource Inventory of El Paso Production's NBU #407 and NBU #408 well locations, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah. Project No. U-01-MQ-0455b,s. On file at the Utah Division of State History.
- 2001b Cultural Resource Inventory of El Paso Production's Natural Buttes 10 Well Locations, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah. Project No. U-01-MQ-0532b. On file at the Utah Division of State History.
- 2001c Cultural Resource Inventory of El Paso Production's Natural Buttes 11 Well Locations, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah. Project No. U-01-MQ-0738b. On file at the Utah Division of State History.
- Montgomery, K.R. and Ball, S.  
2001 Cultural Resource Inventory of El Paso Production Oil and Gas Company's NBU #385 Well Location, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah. Project No. U-01-MQ-0507s. On file at the Utah Division of State History.
- O'Brien, P.K., P.M. Lubinski, and J.M. Scott  
1991 Cultural Resources Inventory for 18 Proposed Coastal Oil and Gas Corporation Well and Access Locations on State of Utah Lands, Uintah County, Utah. Metcalf Metcalf Archaeological Consultants, Eagle, CO. Project No. U-91-MM-044(s). On file at the Utah Division of State History.
- Pettit, J.  
1990 *Utes: The Mountain People*. Johnson Books, Boulder.
- Reed, A.D.  
1994 The Numic Occupation of Western Colorado and Eastern Utah during the Prehistoric and Protohistoric Periods. In *Across the West: Human Population Movement and the Expansion of the Numas*, edited by D.B. Madsen and D. Rhode. University of Utah Press.

- Scott, J.M.  
1991a CIGE #168-16-10-21 Cultural Resources Inventory in Uintah County, Utah. Metcalf Archaeological Consultants, Eagle, CO. Project No. U-91-MM-607. On file at the Utah Division of State History.
- 1991b NBU #179 Cultural Resource Inventory in Uintah County, Utah. Metcalf Archaeological Consultants, Eagle, CO. Project No. U-91-MM-607(b,i). On file at the Utah Division of State History.
- Shields, W.F.  
1970 The Fremont Culture in the Uinta Basin. Paper presented at the Fremont Culture Symposium, 35<sup>th</sup> Annual Meeting of the Society for American Archaeology, Mexico City.
- Spangler, J.D.  
1995 Paradigms and Perspectives: A Class I Overview of Cultural Resources in the Uinta Basin and Tavaputs Plateau.
- Spath, C.  
1997 Coastal Oil and Gas Corporation's Proposed CIGE #s 203, 210, 212, 220 and NBU #272 Well Pads, Pipelines and Access, Section 34, T9S, R21E, Sections 31 and 34, T9S, R22E, Section 16, T10S, R21E, and Section 11, T10S, R22E, Uintah County, Utah. Metcalf Archaeological Consultants, Eagle, CO. Project No. U-97-MM-0120s. On file at the Utah State Division of History, Salt Lake City.
- Stokes, W.L.  
1986 *Geology of Utah*. Utah Museum of Natural History and Utah Geological and Mineral Survey, Salt Lake City.
- Tucker, G. C. Jr.  
1986 Results of Archaeological Investigations Along the Chevron CO-1/PO-4 Pipelines in Northeastern Utah and Northwestern Colorado. Manuscript on file, Bureau of Land Management, Vernal, Utah.

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/04/2001

API NO. ASSIGNED: 43-047-34414

WELL NAME: NBU 422

OPERATOR: EL PASO PROD OIL & GAS ( N1845 )

CONTACT: SHEILA UPCHEGO

PHONE NUMBER: 435-781-7024

PROPOSED LOCATION:

SWSE 29 100S 220E  
SURFACE: 0492 FSL 1874 FEL  
BOTTOM: 0492 FSL 1874 FEL  
UINTAH  
NATURAL BUTTES ( 630 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: U-469

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: WSTC

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

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. WY3457 )
- 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. Unit Boundary & Uncomm. Tract
- R649-3-11. Directional Drill

COMMENTS: NBU SOP, separate file.

STIPULATIONS: 1-Fed. Approval  
2-Oil Shale



003

## United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

December 10, 2001

## Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2001 Plan of Development Natural Buttes Unit,  
Uintah County, Utah.

Pursuant to email between Lisha Cordova, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following wells are planned for calendar year 2001 within the Natural Buttes Unit, Uintah County, Utah.

Api Number	Well	Location
(Proposed PZ Wasatch)		
43-047-34414	NBU 422	Sec. 29, T10S, R22E 0492 FSL 1874 FEL
43-047-34415	NBU 423	Sec. 29, T10S, R22E 2090 FSL 1915 FEL
43-047-34416	NBU 424	Sec. 29, T10S, R22E 2178 FSL 2340 FWL

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

/s/ Michael L. Coulthard

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

MCoulthard:mc:12-10-01



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

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

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

December 11, 2001

El Paso Production Oil & Gas Company  
PO Box 1148  
Vernal, UT 84078

Re: Natural Buttes Unit 422 Well, 492' FSL, 1874' FEL, SW SE, Sec. 29, 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 43-047-34414.

Sincerely,

A handwritten signature in black ink that reads "John R. Baza". The signature is fluid and cursive, with a large initial 'J' and 'B'.

John R. Baza  
Associate Director

er

Enclosures

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

Operator: El Paso Production Oil & Gas Company  
Well Name & Number Natural Buttes Unit 422  
API Number: 43-047-34414  
Lease: U 469

Location: SW SE      Sec. 29      T. 10 South      R. 22 East

### Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

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

007

Form 3160-3  
(August 1999)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		<b>CONFIDENTIAL</b>		5. Lease Serial No. U-469
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone				6. If Indian, Allottee or Tribe Name
2. Name of Operator EL PASO PRODUCTION O&G COMPANY		Contact: SHEILA UPCHEGO E-Mail: sheila.upchego@ElPaso.com		7. If Unit or CA Agreement, Name and No. NATURAL BUTTES
3a. Address P.O. BOX 1148 VERNAL, UT 84078		3b. Phone No. (include area code) Ph: 435.781.7024 Fx: 435.789.4436		8. Lease Name and Well No. NBU 422
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SWSE 492FSL 1874FEL At proposed prod. zone		<b>RECEIVED DEC 12 2001</b>		9. API Well No.
14. Distance in miles and direction from nearest town or post office* 30.9 MILES SOUTHEAST OF OURAY, UTAH				10. Field and Pool, or Exploratory NATURAL BUTTES
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 660		16. No. of Acres in Lease 640.00		11. Sec., T., R., M., or Blk. and Survey or Area Sec 29 T10S R22E Mer UBM
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C		19. Proposed Depth 6800 MD		12. County or Parish UINTAH
21. Elevations (Show whether DF, KB, RT, GL, etc.) 5452 GL		22. Approximate date work will start		13. State UT
				17. Spacing Unit dedicated to this well
				20. BLM/BIA Bond No. on file WY-3457
				23. Estimated duration

24. Attachments

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

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

25. Signature (Electronic Submission) <i>Sheila Upchego</i>	Name (Printed/Typed) SHEILA UPCHEGO Ph: 435.781.7024	Date 12/03/2001
Title REGULATORY ANALYST		
Approved (Signature) <i>Ronald B. Cleary</i>	Name (Printed/Typed)	Date 01/25/2002
Title Assistant Field Manager Mineral Resources		

**NOTICE OF APPROVAL**

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

Conditions of approval, if any, are attached.

**CONDITIONS OF APPROVAL ATTACHED**

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

Additional Operator Remarks (see next page)

Electronic Submission #9528 verified by the BLM Well Information System  
For EL PASO PRODUCTION O&G COMPANY, sent to the Vernal

**RECEIVED**

JAN 29 2002

DIVISION OF  
OIL, GAS AND MINING

\*\* ORIGINAL \*\*

DOGIM

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: El Paso Production O & G Co.

Well Name & Number: NBU 422

API Number: 43-047-34414

Lease Number: U - 469

Location: SWSE Sec. 29 T. 10S R. 22E

Agreement: Natural Buttes WS MV

### CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

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

A. DRILLING PROGRAM

1. Casing Program and Auxiliary Equipment

As a minimum, the usable water resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Green River Formation, identified at 1,232 ft.

### SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

The reserve pit topsoil shall be piled separate from the location topsoil.

The location topsoil pile will be seeded immediately after the soil is piled by broadcasting the seed, then walking the topsoil pile with the dozer to plant the seed. The seed mix outlined in the APD for reclamation of the well will be used.

All poundages are in Pure Live Seed.

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

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

## TELEPHONE CONVERSATION

**From:** Diana Whittington - US Fish & Wildlife Service

**To:** Stan Olmstead - Environmental Scientist

**Date:** January 23, 2002

**Time:** 13:30

**Subject:** Comment discussion about EA for Wildrose Resources Pinehurst Federal 3-2. EA No. UT080-2002-7. Ms. Whittington was asking about golden eagle management, cumulative impacts, invasive weeds, grazing allotments, etc. I gave Ms. Whittington as much information as possible and then forward to her, via mail, pages 33 - 80 of the Monument Butte/Myton Bench EA; Affected Environment; EA No. 1994-77. The Public Land User letter associated with the same document and the Decision Record and conditions of approval for EA. No. 1996-61 since it is the Field Office policy for raptor management associated with public land use.

JAN. 17. 2003 3:34PM

WESTPORT

NO. 173 P. 2

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

410 Seventeenth Street #2300 Denver Colorado 80202-4436  
Telephone: 303 573 5404 Fax: 303 573 5609

February 1, 2002

Department of the Interior  
Bureau of Land Management  
2850 Youngfield Street  
Lakewood, CO 80215-7093  
Attention: Ms. Martha Maxwell

RE: BLM Bond CO-1203  
BLM Nationwide Bond 158626364  
Surety - Continental Casualty Company  
Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.  
Assumption Rider - Westport Oil and Gas Company, L.P.

Dear Ms. Maxwell:

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (2) Assumption Riders, fully executed originals.  
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.  
List of all Federal/BIA/State Leases - Belco/Westport's leases - in all states.

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,  
Westport Oil and Gas Company, L.P.

Debby J. Black  
Engineer Technician

Encl:



United States Department of the Interior **RECEIVED**

BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

FEB 22 2002

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:  
3106  
UTU-25566 et al  
(UT-924)

FEB 21 2002

NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas  
410 Seventeenth Street, #2300 :  
Denver Colorado 80215-7093 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

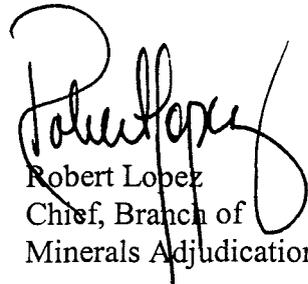
For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405  
UTU-20895  
UTU-25566  
UTU-43156  
UTU-49518  
UTU-49519  
UTU-49522  
UTU-49523



Robert Lopez  
Chief, Branch of  
Minerals Adjudication

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

SPUDDING INFORMATIONName of Company: EL PASO PRODUCTION OIL & GAS COMPANYWell Name: NBU 422Api No. 43-047-34414 LEASE TYPE: FEDERALSection 29 Township 10S Range 22E County UINTAHDrilling Contractor SKI DRILLING RIG # AIR

SPUDDED:

Date 03/13/2002Time 8:00 AMHow ROTARY

Drilling will commence \_\_\_\_\_

Reported by JIM MURRAYTelephone # 1-435-828-1730Date 03/14/2002 Signed: CHD

009

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM - FORM 6

**CONFIDENTIAL**

OPERATOR El Paso Production Oil & Gas Co.  
ADDRESS P.O. Box 1148  
Vernal, Utah 84078

OPERATOR ACCT. NO. N 1845

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	2900	43-047-34414	NBU #422	SWSE	29	10S	22E	Uintah	3/13/2002	3-15-02 <del>3/13/2002</del>

WELL 1 COMMENTS:

MIRU Ski Air Rig

SPUD on 3/13/02 at 8 am

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	13432	43-047-34477	Wyasket #33-219	SWSE	33	8S	20E	Uintah	3/13/2002	3/13/2002

WELL 2 COMMENTS:

MIRU Ski Bucket Rig

SPUD on 3/13/02 at 7 am

**CONFIDENTIAL**

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
- 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 selected.

(3/89)

Post-It® Fax Note 7671

Date	# of pages ▶
To: <u>Jim Thompson</u>	From: <u>Shela Upchurch</u>
Co./Dept: <u>ELP/OGM</u>	Co: <u>ELPASO Production Co</u>
Phone: <u>(801) 538-5321</u>	Phone: <u>(435) 781-7024</u>
Fax #: <u>(801) 369-3940</u>	Fax #: <u>(435) 781-7094</u>

**RECEIVED**

MAR 14 2002

DIVISION OF  
OIL, GAS AND MINING

Shela Upchurch  
Signature

Regulatory Analyst 03/14/02  
Title Date

Phone No. (435) 781-7024

P. 01  
FAX NO. 4357817094

MAR-14-2002 THU 03:33 PM EL PASO PRODUCTION

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
SUNDRY NOTICES AND REPORTS ON WELLS

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

**010**

*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.  
**U-469**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
**NBU #422**

9. API Well No.  
**43-047-34414**

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

11. County or Parish, State  
**Uintah County, Utah**

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

**CONFIDENTIAL**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**El Paso Production Oil & Gas Company**

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SWSE Section 29-T10S-R22E 492'FSL & 1874'FEL**

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

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

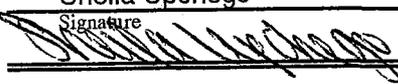
13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical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

MIRU Ski Air Rig. Drilled 12 1/4" Surface hole. Ran 8 5/8" 24# ST&C Csg to 295'.  
Cmt w/145 sx Class G @ 15.8 ppg Yield 1.17 5 gal/SK w/2% CaCl2 .25#/SK Cello Flake  
Drop Top Plug Displaced w/14.8 Bbls Fresh Water. Bump Plug  
Cmt to Pit Hole Stayed Full.

SPUD on 3/13/02 at 8 am.

**RECEIVED**  
**MAR 18 2002**  
**DIVISION OF**  
**OIL, GAS AND MINING**

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

Name (Printed/Typed) <b>Sheila Uphego</b>	Title <b>Regulatory Analyst</b>
Signature 	Date <b>March 15, 2002</b>

**THIS SPACE FOR FEDERAL OR STATE USE**

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

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

(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

**011**

*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.  
**U-469**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
**NBU #422**

9. API Well No.  
**43-07-34414**

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

11. County or Parish, State  
**Uintah County, Utah**

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

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**El Paso Production Oil & Gas Company**

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SWSE Section 29-T10S-R22E 492'FNL & 1874'FEL**

**CONFIDENTIAL**

**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 <u>Final Drilling Summary</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

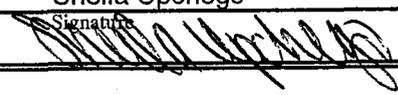
13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical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

Finished Drilling f/278' to 6808'. Ran 4 1/2" 11.6# J-55 LT&C Csg. Cmt w/325 sx 11.0# 3.91 Yield Class G + 12% Gel + 3% Salt + 1% D79 + .5% D112 + 2% D46. Tailed w/899 sx 14.3# 1.31 Yield 50/50 POZ/G + 10% Salt + 2% Gel + 2% D46. Drop Plug. Bump Plug. No Cmt to Surface.

Released Rig on 3/24/02 at 7:00 pm.

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

Name (Printed/Typed)  
**Sheila Upchego**

Signature  


Title  
**Regulatory Analyst**

Date  
**March 25, 2002**

**RECEIVED**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date **APR 01 2002**

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 **DIVISION OF OIL, GAS AND MINING**

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

(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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.

012

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

1. Type of Well  
 Oil Well  Gas Well  Other

CONFIDENTIAL

2. Name of Operator  
 EL PASO PRODUCTION OIL & GAS COMPANY

3a. Address  
 P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)  
 (435) 781-7023

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

SWSE 492' FNL & 1874' FEL  
 Sec. 29, T10S, R22E

5. Lease Serial No.  
 U-469

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 422

9. API Well No.  
 43-047-34414

10. Field and Pool, or Exploratory Area  
 Natural Buttes

11. County or Parish, State  
 Uintah, UT

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

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

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

The subject well was placed on sales at 7:00 am on 4/24/02. Refer to the attached Chronological Completion Report.

Any produced water from the subject well will be contained in a common water tank(s) and will then be hauled by truck to one of the pre-approved disposal sites as discussed in the approved APD.

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

Name (Printed/Typed)

Cheryl Cameron

Title

Operations

Signature



Date

May 6, 2002

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

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

Office

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

(Instructions on reverse)

RECEIVED

MAY 14 2002

DIVISION OF  
OIL, GAS AND MINING

EL PASO  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

NBU 422

LOC.  
NATURAL BUTTES FIELD  
UINTAH COUNTY, UT  
WI: 100%  
PBTD: PERFS:  
CSG:  
SPUD DATE:

AFE DESCR., AFE: 060488  
FORMATION:

**DRILLING REPORT:**

	NBU, Uintah, UT	Rig: El Paso 2	WI: 100%	AFE: 060488	ATD: 6,800'
	SD: 3/17/02	Wasatch @ 4,905'	DHC: 256 /CWC: 589		/DC: 79/CC: 79
	8 5/8" @ 278'				
3/18/02	TD: 780	MW: 8.4	502'/6 hrs	MIRU. NU & test	
	BOP's. Drilling to present depth.				
3/19/02	TD: 2,848	MW: Air/Mist	2,068'/23 hrs	Drilling to present depth.	
3/20/02	TD: 4,236	MW: 8.4	1,388'/23.5 hrs.	Drilling to	
	present depth.				
3/21/02	TD: 5,096	MW: 8.4	860'/23.5 hrs.	Drilling to	
	present depth.				
3/22/02	TD: 5,809	MW: 8.4	713'/19 hrs.	Drill to 5,159'. TFNB.	
	Drilling to present depth.				
3/25/02	TD: 6,808	MW: 8.4	Run & cement 4 1/2" prod casing. Set casing hanger.		
	ND BOP's. NU dry hole cap. Rig released @ 1900 hrs, 3/24/02.				
	Final Drilling Cost: \$196,918				

**AFE DESC. DRILL AND COMPLETE, AFE#: 060488**

PBTD: 6760' PERFS: 4785-6562'  
CSG: 4.5 X 11.6  
FORMATION: MESA VERDE & WASATCH

4/11/02 **CONT PU TBG**  
ROAD RIG & EQUIP F/ THE STATE #1-32. MIRU. NDWH. NUBOP. RIG UP TBG EQUIP.  
RIH W/ 3 7/8" MILL, 1 JT 2 3/8" TBG, SN & 105 JTS TBG. EOT @ 3325'. SWI. SDFD.  
(DAY 1)

4/12/02 **SWAB/FLOW TESTING**  
RIH & TAG PBTD @ 6760'. REV CIRC HOLE CLEAN W/2% KCL. TST CSG TO 5000#.  
UNABLE TO GET PRESS ON 4 1/2" X 8 5/8" ANNULUS TEST. PERF MESA VERDE 6552'-  
6562', 3 SPF, 30 HOLES. BRK DN PERFS W/2200# @ 1/2 BPM. PMP 20 BBLs 2% KCL INTO

PERFS @ 2 ½ BPM W/1900#, ISIP: 1700#, FG: 0.69. RIH & SET PKR @ 6520'. MADE 6 SWAB TRIPS. IFL: SURF. RECOVER 24 BBLS GAS CUT WTR. FFL: 6000'. THIS AM SITP: 2495#. LLTR: 18 BBLS.

4/15/02

**FRAC**

SITP: 2425#. BLOW DN 30 MIN. LIGHT MIST RECOVERED 1 ¼ BW. RIH W/ SWAB TO SN 6490'. MADE 6 RUNS TO SN @ 6490'. RECOVERED NO FLUID. LIGHT GAS BLOW. RELEASE PCKR @ 6520'. POOH. LAY DN PCKR. PREP TO FRAC.

4/16/02

**PREP TO RIH W/ TBG.**

**STAGE 1: BRK DN MESA VERDE PERFS 6552- 62'**, ISIP: 1700#, FG: 0.69. FRAC W/ 789 BBLS YF115ST LIQUID GEL & 79,000# 20/40 SD. ISIP: 3305#, FG: 0.94, NET PRESS INCR: 1605#, MTP: 4221#, ATP: 3395#, MTR: 26.9 BPM, ATR: 24.6 BPM. PU & RIH W/ CBP & PERF GUN. SET CBP @ 6520'.

**STAGE 2: PERF MESE VERDE 6495- 6499'**, 4 SPF, 16 HOLES & **WASATCH 6480- 6482'** 4 SPF, 8 HOLES. UNABLE TO BRK DN PERFS. **REPERF 6495'-6503'**, 4 SPF, 32 HOLES. UNABLE TO BRK DN PERFS. DUMP 12 GALS 15% HCL ACROSS PERFS. BRK DN W/ 4019# @ 1.5 BPM. ISIP: 2350#, FG: 0.80. FRAC W/ 498 BBLS YF115ST LIQUID GEL & 45,000# 20/40 SD. ISIP: 3333#, FG: 0.95, NET PRESS INCR: 983#, MTP: 4376#, ATP: 3656#, MTR: 27.6 BPM, ATR: 23.8 BPM. PU & RIH W/ CBP & PERF GUNS. SET CBP @ 6430'.

**STAGE 3: PERF WASATCH 6214- 6224'**, 3 SPF, 30 HOLES. SICP: 677#. BRK DN PERFS W/ 2115# @ 1.5 BPM, ISIP: 1200#, FG: 0.63. FRAC W/ 492 BBLS YF113ST LIQUID GEL & 45,500# 20/40 SD. ISIP: 2632#, FG: 0.86, NET PRESS INCR: 1432#, MTP: 3259#, ATP: 2841#, MTR: 25 BPM, ATR: 23.8 BPM. PU & RIH W/ CBP & PERF GUN. SET CBP @ 6187#.

**STAGE 4: PERF WASATCH 6150- 56'**, 4 SPF, 24 HOLES. BRK DN PERFS W/ 2816# @ 1.2 BPM, ISIP: 2500#, FG: 0.84. FRAC W/ 445 BBLS YF113ST LIQUID GEL & 40,000# 20/40 SD. ISIP: 2408#, FG: 0.83, NET PRESS INCR: 0#, MTP: 4024#, ATP: 3152#, MTR: 26.2 BPM, ATR: 23.8 BPM. PU & RIH W/ CBP & PERF GUN. SET CBP @ 6100'.

**STAGE 5: PERF WASATCH 5712-22'**, 3 SPF, 30 HOLES. BRK DN PERFS W/ 2124# @ 1.5 BPM, ISIP: 900#, FG: 0.59. FRAC W/ 607 BBLS YF113ST LIQUID GEL & 60,000# 20/40 SD. ISIP: 2023#, FG: 0.79, NET PRESS INCR: 1123#, MTP: 2930#, ATP: 2249#, MTR: 27.4 BPM, ATR: 23.7 BPM. PU & RIH W/ CBP & PERF GUN. SET CBP @ 5660'.

**STAGE 6: PERF WASATCH 4785-95'**, 3 SPF, 30 HOLES. BRK DN PERFS W/ 1722# @ 1.5 BPM, ISIP: 950#, FG: 0.63. FRAC W/ 614 BBLS YF113ST LIQUID GEL & 53,500# 20/40 SD. ISIP: 2266#, FG: 0.91, NET PRESS INCR: 1316#, MTP: 2856#, ATP: 2517#, MTR: 25.2 BPM, ATR: 23.8 BPM. PREP TO RIH W/ BIT.

4/17/02

**FLW BCK LOAD.**

RIH W/ 3 7/8" BIT. DO CBP'S @ 4720', 5660', 6100', 6187', 6430', & 6520'. CO TO PBTD @ 6760' W/ AIR FOAM. PU & LAND TBG @ 6530' SN @ 6497'. PMP OFF BIT SUB. OPEN WELL TO PIT ON 64/64" CHK. FLW BCK WELL 12 HRS. CP: 750#, 1000#, 900#, FTP: 100#, 90 BWPH TO 40 BWPH, TRACE SD TO CLEAN, EST GAS RATE: 900 MCFPD. TLTR: 3585 BBLS, TLR: 2604 BBLS, LLTR: 981 BBLS.

4/18/02

**PREP TO PLACE ON SALES.**

FLW BK 24 HRS ON 64/64" CHK. CP: 900# TO 700#, FTP: 100#, 35 BWPH TO 2 BWPH. TLTR: 3585 BBLS, TLR: 5582 BBLS, LLTR: 607 BBLS.

4/19/02

SI WO SALES LINE.

4/22/02

SI WO SALES LINE.

4/23/02

SI WO SALES LINE.

4/24/02

SI WO SALES LINE, EXPECT CONNECT TO SALES THIS AM.

CONFIDENTIAL

4/25/02 SITP: 2135#, SICP: 2123#, **PLACED ON SALES @ 7:00 AM**. SPOT PROD DATA: FTP: 1578#, CP: 1930#, 13/64" CHK, LP: 232#, 2800 MCFPD.

4/26/02 FLWD 1399 MCF, 390 BW, FTP: 725#, CP: 1245#, 13/64" CHK, 24 HRS, LP: 231#. TLTR: 3585 BBLs, TLR: 3368 BBLs, LLTR: 217 BBLs.

4/29/02 4/27/02 PROG: FLWD 1274 MCF, 310 BW, FTP: 660#, CP: 1099#, 22/64" CHK, 24 HRS, LP: 261#.  
4/28/02 PROG: FLWD 1331 MCF, 362 BW, FTP: 623#, CP: 962#, 22/64" CHK, 24 HRS, LP: 136#.  
4/29/02 PROG: FLWD 1362 MCF, 288 BW, FTP: 511#, CP: 893#, 22/64" CHK, 24 HRS, LP: 156#. TLTR: 3585 BBLs, TLR: 4328 BBLs, LLTR: (743 BBLs). **FINAL REPORT** IP DATE: 4/28/02 FLWD 1362 MCF, 288 BW, FTP: 511#, CP: 893#, 22/64" CHK, 24 HRS, LP: 156#.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**013**

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

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

2. Name of Operator  
**El Paso Production Oil & Gas Company**

3. Address **P.O. Box 1148 Vernal, UT 84078**  
 3a. Phone No. (include area code) **(435) 781-7023**

4. Location of Well (Report locations clearly and in accordance with Federal requirements)\*  
 At surface **SWSE 492' FSL & 1874' FEL**  
 At top prod. interval reported below \_\_\_\_\_

At total depth  
 14. Date Spudded **03/13/02**  
 15. Date T.D. Reached **03/25/02**  
 16. Date Completed  D & A  Ready to Prod. **04/17/02**

18. Total Depth: MD **6808** TVD \_\_\_\_\_  
 19. Plug Back T.D.: MD **6760** TVD \_\_\_\_\_

20. Depth Bridge Plug Set: MD \_\_\_\_\_ TVD \_\_\_\_\_  
 21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**4-8-02 4-8-02**  
**DSI/CBL/CNL/GR**

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

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4	8 5/8	24#	0	295	295	145 Class G			
7 7/8	4 1/2	11.6#	0	6808	6808	325 Hilift			
						899 50/50 Poz			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
						2 3/8	6530	

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) See Attachment						
B)						
C)						
D)						

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) See Attachment						
B)						
C)						
D)						

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

Depth Interval	Amount and type of Material
See Attachment	See Attachment

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
04/24/02	04/28/02	24	→	0	1,362	288			Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
22/64	SI 511#	893#	→	0	1362	288			Producing

28a. Production - Interval B

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

**CONFIDENTIAL**  
**PERIOD EXPIRED**  
**ON 5-17-03**

**RECEIVED**  
**MAY 28 2002**  
**DIVISION OF OIL, GAS AND MINING**

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

28b. Production - Interval C

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

28c. Production - Interval D

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

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

Sold & Used For Fuel

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Green River	960	4,053			
Wasatch	4,053	6,492			
Mesaverde	6,492				

32. Additional remarks (include plugging procedure):

**RECEIVED**

MAY 28 2002

**DIVISION OF OIL, GAS AND MINING**

Refer to Page 3 for Perforated Interval Detail

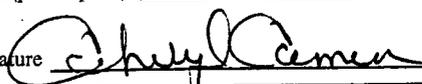
33. Circle enclosed attachments:

- 1. Electrical/Mechanical Logs (1 full set req'd.)
- 2. Geologic Report
- 3. DST Report
- 4. Directional Survey
- 5. Sundry Notice for plugging and cement verification
- 5. Core Analysis
- 7. Other:

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

Name (please print) Cheryl Cameron

Title Operations

Signature 

Date 5/24/2002

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

CONFIDENTIAL

Form 3160-4  
Additional Page For Comments

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

U-469

Lease Serial No.

NBU #422

SW/SE SEC. 29, T10S, R22E

ITEM# 25, 26 & 27

INTERVAL	SIZE	NUMBER
<u>MESAVERDE</u>		
6552-6562	3	30
6495-6499	4	16
<u>WASATCH</u>		
6480-6482	4	18
(Re-perf MV)		
6495-6503	4	32
6214-6224	3	30
6150-6156	4	24
5712-5722	3	30
4785-4795	3	30

**DEPTH INTERVAL                      AMOUNT & KIND OF MATERIAL**

<u>MESAVERDE</u>	
6552-6562	Frac w/ 79,000# 20/40 sand
6495-6499	
6480-6482 (Wasatch)	Frac w/ 45,500# 20/40 sand
6495-6503 (Re-Perf)	
<u>WASATCH</u>	
6214-6224	Frac w/ 45,500# 20/40 sand
6150-6156	Frac w/ 40,000# 20/40 sand
5712-5722	Frac w/ 60,000# 20/40 sand
4785-4795	Frac w/ 53,500# 20/40 sand

**RECEIVED**

MAY 28 2002

**DIVISION OF  
OIL, GAS AND MINING**

Oil, Gas & Mining

# memorandum

Branch of Real Estate Services  
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to  
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

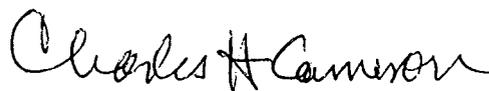
We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate your concern, and hope that these comments are timely enough for consideration in the revision process.

CC: Minerals & Mining Section of RES  
Ute Energy & Mineral Resources Department: Executive Director  
chrono





# United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

Washington, D.C. 20240

FEB 10 2003

IN REPLY REFER TO:  
Real Estate Services

Carroll A. Wilson  
Principal Landman  
Westport Oil and Gas Company, L.P.  
1368 South 1200 East  
Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

Director, Office of Trust Responsibilities

ACTING

Enclosure



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

IN REPLY REFER TO  
UT-922

February 27, 2003

Westport Oil and Gas Company, L.P.  
Attn: Gary D. Williamson  
1670 Broadway, Suite 2800  
Denver, Colorado 80202

Re: Natural Buttes Unit  
Uintah County, Utah

Gentlemen:

On February 27, 2003, we received an indenture dated December 17, 2002, whereby El Paso Production Oil & Gas Company resigned as Unit Operator and Westport Oil and Gas Company, L.P., was designated as Successor Unit Operator for the Natural Buttes Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 27, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Natural Buttes Unit Agreement.

Your nationwide (Colorado) oil and gas bond No. 1203 will be used to cover all operations within the Natural Buttes Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
Minerals Adjudication Group  
File - Natural Buttes Unit (w/enclosure)  
Agr. Sec. Chron  
Fluid Chron

UT922:TAThompson:tt:02/27/2003

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: El Paso Production Oil & Gas Company		8. WELL NAME and NUMBER: Exhibit "A"
3. ADDRESS OF OPERATOR: 9 Greenway Plaza Houston TX 77064-0995		9. API NUMBER:
PHONE NUMBER: (832) 676-5933		10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ COUNTY: _____ QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: <b>UTAH</b>		

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

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

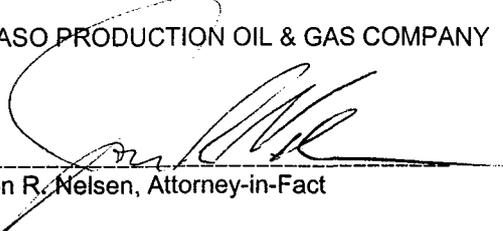
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

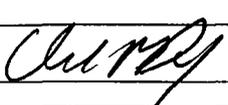
BOND # \_\_\_\_\_

State Surety Bond No. RLB0005236  
Fee Bond No. RLB0005238

EL PASO PRODUCTION OIL & GAS COMPANY

By:   
Jon R. Nelsen, Attorney-in-Fact

**RECEIVED**  
**FEB 28 2003**  
DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.	
NAME (PLEASE PRINT) David R. Dix	TITLE Agent and Attorney-in-Fact
SIGNATURE 	DATE 12/17/02

(This space for State use only)

Form 3160-5  
(August 1999)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

5. Lease Serial No.  
SEE ATTACHED EXHIBIT "A"

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
SEE ATTACHED EXHIBIT "A"

9. API Well No.  
SEE ATTACHED EXHIBIT "A"

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UT

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  
P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)  
(435) 781-7023

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

SEE ATTACHED EXHIBIT "A"

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

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zc. 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 if testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED  
MAR 04 2003

DIV. OF OIL, GAS & MINING

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

Name (Printed/Typed)  
CHERYL CAMERON

Title  
OPERATIONS

Signature

Date  
March 4, 2003

Approved by

THIS SPACE FOR FEDERAL OR STATE USE

Title

Date

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

Office

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

(Instructions on reverse)

**OPERATOR CHANGE WORKSHEET**

1. GLH
2. CDW /
3. FILE

014

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **12-17-02**

<b>FROM: (Old Operator):</b>	<b>TO: (New Operator):</b>
EL PASO PRODUCTION OIL & GAS COMPANY	WESTPORT OIL & GAS COMPANY LP
Address: 9 GREENWAY PLAZA	Address: P O BOX 1148
HOUSTON, TX 77064-0995	VERNAL, UT 84078
Phone: 1-(832)-676-5933	Phone: 1-(435)-781-7023
Account No. N1845	Account No. N2115

**CA No. Unit: NATURAL BUTTES**

WELL(S)	SEC TWN	API NO	ENTITY	LEASE	WELL	WELL
NAME	RNG		NO	TYPE	TYPE	STATUS
NBU 59-24B	24-10S-22E	43-047-30479	2900	FEDERAL	GW	PA
NBU 61-25B	25-10S-22E	43-047-30443	2900	FEDERAL	GW	PA
NBU 60-26B	26-10S-22E	43-047-30478	2900	FEDERAL	GW	PA
NBU 58N2	27-10S-22E	43-047-30838	2900	FEDERAL	GW	TA
NBU 39N	29-10S-22E	43-047-30861	2900	FEDERAL	GW	P
NBU 360	29-10S-22E	43-047-33773	2900	FEDERAL	GW	P
NBU 422	29-10S-22E	43-047-34414	2900	FEDERAL	GW	P
NBU 424	29-10S-22E	43-047-34416	2900	FEDERAL	GW	P
NBU 423	29-10S-22E	43-047-34415	2900	FEDERAL	GW	P
NBU 47N2	30-10S-22E	43-047-30534	2900	FEDERAL	GW	S
NBU 351	30-10S-22E	43-047-33668	2900	FEDERAL	GW	P
NBU 384	30-10S-22E	43-047-34237	99999	FEDERAL	GW	APD
NBU 408	31-10S-22E	43-047-34590	99999	FEDERAL	GW	APD
NBU 414	31-10S-22E	43-047-34387	99999	FEDERAL	GW	APD
NBU 361	32-10S-22E	43-047-33705	2900	STATE	GW	P
NBU 407	32-10S-22E	43-047-34318	2900	STATE	GW	P
NBU 412	32-10S-22E	43-047-34319	2900	STATE	GW	P
NBU 413	32-10S-22E	43-047-34320	2900	STATE	GW	P
NBU 466	32-10S-22E	43-047-34824	99999	STATE	GW	APD
NBU 70-34B	34-10S-22E	43-047-30577	2900	FEDERAL	GW	S
NBU 62-35B	35-10S-22E	43-047-30477	2900	FEDERAL	GW	S

**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: 02/28/2003
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/06/2003
- Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181

5. If **NO**, the operator was contacted contacted on: \_\_\_\_\_

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **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-12/31/2003 BIA-12/5/02

**8. Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 02/27/2003

**9. Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **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: N/A

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 03/24/2003

2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 03/24/2003

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: RLB 0005236

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: 158626364

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: RLB 0005239

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB 0005238

2. The **FORMER** operator has requested a release of liability from their bond on: N/A

The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (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: N/A

**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.

015

5. Lease Serial No.  
Multiple Wells - see attached

6. If Indian, Allottee or Tribe Name

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

891008900A

8. Well Name and No.

Multiple Wells - see attached

9. API Well No.

Multiple Wells - see attached

10. Field and Pool, or Exploratory Area

Natural Buttes Unit

11. County or Parish, State

Uintah County, UT

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

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-

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

Multiple Wells - see attached

43. 047. 34414

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

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

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

Westport Oil & Gas requests a variance to Onshore Order No. 4, Part IIIC.a. requiring each sales tank be equipped with a pressure-vacuum thief hatch and/or vent line valve. The variance is requested as an economic analysis shows the value of the shrunk condensate will not payout the incremental cost of purchasing and maintaining the valve resulting in a loss of value over the producing life of the well.

The volume lost to shrinkage by dropping the tank pressure from 6 ozs. to 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of original volume to 98.52% when the pressure was dropped.

The average NBU well produces approximately 6 bbls condensate per month. The resulting shrinkage would amount to 0.56 bbls per month lost volume due to shrinkage. The value of the shrunk and lost condensate does not recoup or payout the cost of installing and maintaining the valves and other devices that hold the positive tank pressure. An economic run based on the loss and costs is attached.

Westport Oil & gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

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

Name (Printed/Typed)

J.T. Conley

Signature

COPY SENT TO OPERATOR  
Date: 9-16-03  
Initials: JTC Date

Operations Manager

9-2-2003

SEP 10 2003

DIV. OF OIL, GAS & MINING

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Date

Federal Approval of This  
Action is Necessary

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

Date: 9/16/03

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

(Instructions on reverse)

**Westport Oil & Gas, L.P.**  
**Project Economics Worksheet**

**Instructions:** Fill in blue boxed areas with before and after project data. The evaluation results are shown below and graphed automatically at the bottom of the page. This sheet is protected to prevent accidental alteration of the formulas. See JTC for changes. OPX entered as annual costs and/or as unit OPX costs for \$/BF and \$/MCF

Project Name: **Condensate Shrinkage Economics**

Is this job a well pull or production rig job ??? **N** (Y or N)

	BEFORE \$/Year	AFTER \$/Year	DIFFERENCE \$/Year
Gross Oil Revenue	\$1,088	\$1,099	\$11
Gross Gas Revenue	\$0	\$0	\$0
NGL Revenue	\$0	\$0	\$0
PULING UNIT SERVICE			\$0
WIRELINE SERVICE			\$0
SUBSURF EQUIP REPAIRS			\$0
COMPANY LABOR			\$0
CONTRACT LABOR	\$0	\$200	\$200
CONTR SERVICE			\$0
LEASE FUEL GAS	\$0	\$0	\$0
UTILITIES - ELECTRICITY	\$0	\$0	\$0
CHEMICAL TREATING			\$0
MATERIAL & SUPPLY	\$0	\$150	\$150
WATER & HAULING			\$0
ADMINISTRATIVE COSTS			\$0
GAS PLANT PROCESSING			\$0
<b>Totals</b>	<b>\$0</b>	<b>\$350</b>	<b>\$350</b>

**Increased OPX Per Year**

**Investment Breakdown:**

	Cap/Exp Code	Cost. \$
Capital \$	820/830/840	\$1,200
Expense \$	830/860	\$0
Total \$		\$1,200

Oil Price	\$ 23.00	\$/BO
Gas Price	\$ 3.10	\$/MCF
Electric Cost	\$ -	\$/ HP / day
OPX/BF	\$ 2.00	\$/BF
OPX/MCF	\$ 0.62	\$/MCF

**Production & OPX Detail:**

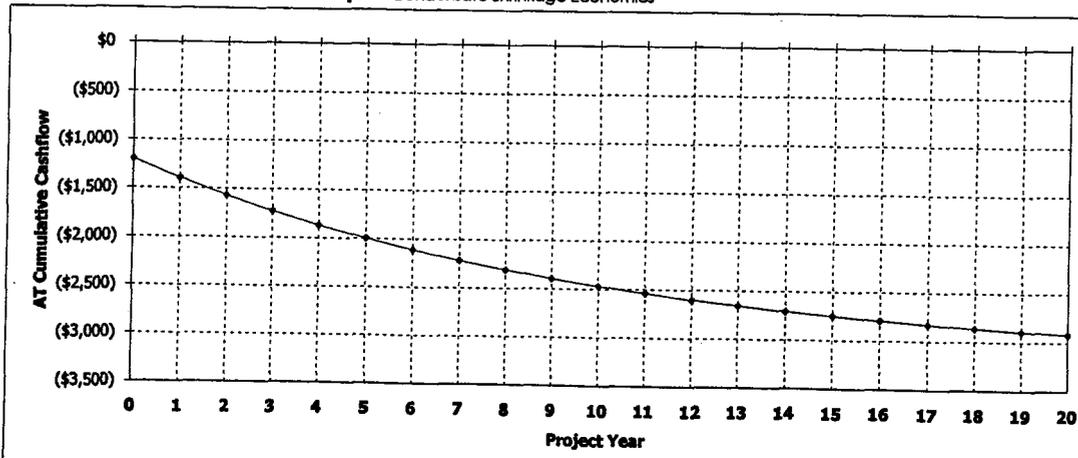
	Before		After		Difference
Oil Production	0.192	BOPD	0.194	BOPD	0.002
Gas Production	0	MCFPD	0	MCFPD	0
Wir Production	0	BWPD	0	BWPD	0
Horse Power		HP		HP	0
Fuel Gas Burned		MCFPD		MCFPD	0

<p><b>Project Life:</b>                  Life = <b>20.0</b> Years                  (Life no longer than 20 years)</p> <p><b>Internal Rate of Return:</b>                  After Tax IROR = <b>#DIV/0!</b></p> <p><b>AT Cum Cashflow:</b>                  Operating Cashflow = <b>(\$2,917)</b> (Discounted @ 10%)</p> <p>Gross Reserves:                  Oil Reserves = <b>6</b> BO                  Gas Reserves = <b>0</b> MCF                  Gas Equip Reserves = <b>38</b> MCFE</p>	<p><b>Payout Calculation:</b></p> <p>Payout = <math>\frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}} = 1</math></p> <p>Payout occurs when total AT cashflow equals investment                  See graph below, note years when cashflow reaches zero</p> <p>Payout = <b>NEVER</b> Years or <b>#VALUE!</b> Days</p>
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

**Notes/Assumptions:**

**An average NBU well produces 0.192 Bcpd with no tank pressure. The production is increased to 0.194 Bcpd if 6 ozs of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.**

Project: Condensate Shrinkage Economics



**Westport Oil and Gas, Inc.**  
**NBU/Ouray Field**  
RFL 2003-022

**COMPARISON OF FLASH BACK PRESSURES**

Calculated by Characterized Equation-of-State

Flash Conditions		Gas/Oil Ratio ( scf/STbbl ) (A)	Specific Gravity of Flashed Gas ( Air=1.000 )	Separator Volume Factor (B)	Separator Volume Percent (C)
psig	°F				

**Calculated at Laboratory Flash Conditions**

80	70			1.019	
0	122	30.4	0.993	1.033	101.37%
0	60	0.0	—	1.000	98.14%

**Calculated Flash with Backpressure using Tuned EOS**

80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
0	60	0.0	—	1.000	98.52%

(A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.

(B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

(C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water

WELL	LEGALS	STFLEASENO	CANUMBER	APINO
NBU 419	21-10-21 NWNE	U02278	891008900A	430473437600S1
NBU 420	20-10-21 SESE	UTU02278	891008900A	430473437700S1
NBU 421	20-10-21 NESE	UTU02278	891008900A	430473437800S1
NBU 422	29-10-22 SWSE	UTU469	891008900A	430473441400S1
NBU 423	29-10-22 NWSE	UTU469	891008900A	430473441500S1
NBU 424	29-10-22 NESW	UTU0145824	891008900A	430473441600S1
NBU 425	11-10-21 SENE	UTU01190	891008900A	430473441000S1
NBU 426	11-10-21 SWNE	UTU01190	891008900A	430473441100S1
NBU 427	11-10-21 NWNE	UTU01190	891008900A	430473441800S1
NBU 428	33-9-21 NWSW	UTU015630ST	891008900A	430473470900S1
NBU 434	14-10-21 SENE	UTU465	891008900A	430473448100S1 ✓
NBU 435	28-9-21 NWNW	UTU0576	891008900A	430473480500S1
NBU 436	30-9-21 SWNE	UTU0581	891008900A	430473478000S1
NBU 438	33-9-21 SWNW	UTU015630-ST	891008900A	430473478700S1
NBU 439	34-9-21 NENW	UTU01194-A-ST	891008900A	430473478600S1 ✓
NBU 440	34-9-21 SWNW	UTU01194-A-ST	891008900A	430473478500S1
NBU 441	35-9-21 NWNW	UTU01194-A-ST	891008900A	430473479100S1
NBU 442	35-9-21 NWSW	UTU01194-A-ST	891008900A	430473478800S1
NBU 443	35-9-21 SENW	UTU01194-ST	891008900A	430473478900S1
NBU 444	1-10-21 SWSW	UTU02842B	891008900A	430473479600S1
NBU 445	30-9-21 NWSE	UTU0581	891008900A	430473486700S1
NBU 446	8-9-21 SENW	UTU0149767	891008900A	430473462100S1 ✓
NBU 448	22-9-20 NWSW	UTU0577B	891008900A	430473478200S1
NBU 452	8-9-21 SWNE	UTU0149767	891008900A	430473487500S1
NBU 453	8-9-21 NWSE	UTU0575B	891008900A	430473481600S1
NBU 454	28-9-21 NWSE	UTU0576	891008900A	430473469800S1 ✓
NBU 455	29-9-21 SWSE	UTU0581	891008900A	430473469900S1 ✓
NBU 456	22-9-21 SESW	UTU010950A	891008900A	430473481800S1
NBU 457	22-9-21 NESE	UTU010950A	891008900A	430473481700S1
NBU 458	23-9-21 SENW	UTU0149075	891008900A	430473481900S1
NBU 459	27-9-21 NESE	UTU01194A-ST	891008900A	430473468000S1 ✓
NBU 460	30-9-21 SENE	UTU0581	891008900A	430473469700S1 ✓
NBU 461	14-10-22 SWNE	U01197A-ST	891008900A	430473482300S1
NBU 462	15-10-22 SENW	U-01196-A	891008900A	430473483900S1 ✓
NBU 463	15-10-22 NWNE	UTU025187	891008900A	430473484000S1
NBU 464	15-10-22 NENW	U025187	891008900A	430473484600S1
NBU 465	29-10-22 NWSW	SL070220A	891008900A	430473486000S1 ✓
NBU 466	32-10-22 NWNE	ML22798	891008900A	430473482400S1 ✓
NBU 468	11-10-21 SENW	UTU0149080	891008900A	430473485600S1
NBU 470	7-10-22 SWSE	UTU466	891008900A	430473483300S1
NBU 471	17-10-22 NWNE	UTU01196E	891008900A	430473483400S1
NBU 472	32-10-22 SWNE	ML22798	891008900A	430473489600S1 ✓
NBU 492-7E	7-9-21 LOT 1	UTU0149767	891008900A	430473421700S1
NBU 922-36I	36-9-22 NESE	MS22650	891008900A	430473510700S1 ✓
UTE TRAIL 083X	9-10-22 SENE	UTU01196D	891008900A	430471538800S1
UTE TRAIL 088X	2-10-21 SESE	ML13826	891008900A	430471538900S1 ✓

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

016

**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		7. If Unit or CA/Agreement, Name and/or No. NATURAL BUTTES
2. Name of Operator WESTPORT OIL & GAS COMPANY L.P		8. Well Name and No. NBU 422
3a. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078		9. API Well No. 43-047-34414
3b. Phone No. (include area code) Ph: 435.781.7024 Fx: 435.781.7094		10. Field and Pool, or Exploratory NATURAL BUTTES
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 29 T10S R22E SWSE 492FSL 1874FEL		11. County or Parish, and State UINTAH COUNTY, UT

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

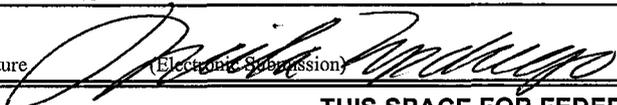
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/>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

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

8/3/04: BLEW CSG & TBG DN. RETRIEVED PLUNGER. PMP 20 BBLs 2% KCL DN TBG. NDWH. NUBOP. UNLAND 2 3/8" TBG. TBG STUCK @4800'. RIH W/FREE POINT. TBG 10% FREE @4800'. 100% FREE @4790'. POOH W/FREE PINT. RU FISH BUMPER SPRING @5963'. RU RIH W/CHEM CUTTER CUT 2 3/8" TBG @4768'. POOH POOH W/40 STDs 2 3/8" TBG.  
OPEN WELL BLOW DN. KILL WELL W/50 BBLs. FINISH POOH W/2 3/8" TBG & CUT JT =16.15" SD TO WORK ON RIG. PU 3 1/8" OVERSHOT W/2 3/8" SPIRAL GRAPPEL. BUMPER SUB. JAR 4-3 1/8" DC, INT, X-O 6'PUP, S-N RIH W/71 STD.  
OPEN WELL BLOW DN. RIH W/2 3/8" TBG. LATCH ONTO FISH @4768'. WORK TBG SETTING JARS OFF GOT FISH TO MOVE. GOT FISH FREE. POOH W/2 3/8" TBG. FISHING W/FISH. TBG LOOKED LIKE IT WAS STUCK IN SAND OR FILL. NO SCALE WHERE TBG WAS STUCK. DID LD 9 JTS TBG THAT WAS ON THE BOTTOM OF STRING THAT HAS SCALE BUILD UP. PU 3 7/8" BIT. POBS RIH W/2 3/8" TBG EOT @4000'.

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

**Electronic Submission #36821 verified by the BLM Well Information System  
For WESTPORT OIL & GAS COMPANY L.P, sent to the Vernal**

Name (Printed/Typed) SHEILA UPCHEGO	Title REGULATORY ANALYST
Signature  (Electronic Submission)	Date 09/28/2004

RECEIVED

OCT 05 2004

DIV. OF OIL, GAS & MINING

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

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

**Additional data for EC transaction #36821 that would not fit on the form**

**32. Additional remarks, continued**

PU 3 7/8" BIT RIH F/4000'. TAG FILL @5732'. FELL THROUGH. TAG @6504'. MIRU FOAM UNIT BRK CIRC CO TO 6740'. 236' FILL. CIRC WELL CLEAN. RDMO FOAM UNIT. POOH LD 30 JTS TBG. LAND TBG. NDBOP. NUWH. PMP OFF BIT SUB.

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

<b>ROUTING</b>
1. DJJ
2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

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

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

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

**DATA ENTRY:**

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

**BOND VERIFICATION:**

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

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

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

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

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

5. Lease Serial No.  
**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
**MUTIPLE WELLS**

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State  
**UINTAH COUNTY, UTAH**

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

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

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

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

**RECEIVED**

**MAY 10 2006**

DIV. OF OIL, GAS & MINING

*BLM BOND = C01203  
BIA BOND = RLB0005239*

**APPROVED 5/16/06**

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

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

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

**THIS SPACE FOR FEDERAL OR STATE USE**

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

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

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

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

**SEE ATTACHED**

5. Lease Serial No.  
**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
**MUTIPLE WELLS**

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

**UINTAH COUNTY, UTAH**

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

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

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

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

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

RECEIVED  
MAY 10 2006

DIV OF OIL, GAS & MINING

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

Name (Printed/Typed)

**BRAD LANEY**

Signature

Title

**ENGINEERING SPECIALIST**

Date

**May 9, 2006**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

*Brad Laney*

Title

Office

Date

**5-9-06**

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

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



## United States Department of the Interior

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

IN REPLY REFER TO:

CO922 (MM)  
3106  
COC017387 et. al.

March 23, 2006

### NOTICE

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

#### Merger/Name Change - Recognized

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

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

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

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

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

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

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

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

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

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

**Attachment:**

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

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

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



# United States Department of the Interior



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

IN REPLY REFER TO:  
3106  
(UT-922)

March 27, 2006

## Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

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

Chief, Branch of  
Fluid Minerals

## Enclosure

Approval letter from BLM COSO (2 pp)

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

RECEIVED

MAR 28 2006

DIV. OF OIL, GAS & MINERAL

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-469
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> NBU 422
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>9. API NUMBER:</b> 43047344140000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6454
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0492 FSL 1874 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSE Section: 29 Township: 10.0S Range: 22.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>8/24/2016</b>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Kerr-McGee Oil & Gas Onshore, LP respectfully requests to plug and abandon the NBU 422 well. Please see the attached procedure for details. Thank you.

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

Date: \_\_\_\_\_  
 By: *Derek Dwyer*  
 August 25, 2016

**Please Review Attached Conditions of Approval**

<b>NAME (PLEASE PRINT)</b> Candice Barber	<b>PHONE NUMBER</b> 435 781-9749	<b>TITLE</b> HSE Representative
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/24/2016	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Sundry Conditions of Approval Well Number 43047344140000**

**Add 200' cement plug across the base of the Parachute Creek member of the Green River formation from 2600' to 2400' as required by Board Cause No. 190-5(B).**

**NBU 422**  
**492' FSL & 1874' FEL**  
**SWSE SEC. 29, T10S, R22E**  
**UINTAH UT**

**KBE:** 5467' **API NUMBER:** 4304734414  
**GLE:** 5452' **LEASE NUMBER:** UTU469  
**TD:** 6808' **LAT/LONG:** 39.914033/-109.46077  
**PBTD:** 6775'

**CASING :** 12.25" hole  
**SURFACE** 8.625" 24# K-55 @ 278'

**PRODUCTION** 7.875" hole  
 4.5" 11.6# J-55 @ 6808'  
 Est. TOC @ 2050' CBL

**PERFORATIONS:** WASATCH-MESAVERDE TOP-BOTTOM 4800'-6577'

**TUBING:** 2.375" 4.7# J-55 tbg at 6515'

Tubular/Borehole	ID	Drift inches	Collapse psi	Burst psi	Capacities		
	inches				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg	1.995	1.901	8100	7700	0.1624	0.02171	0.00387
2.375" 4.7# P-110 tbg	1.995	1.901	13800	15400	0.1624	0.02171	0.00387
2.375" 4.7# L-80 tbg	1.995	1.901	11780	11200	0.1624	0.02171	0.00387
4.5" 11.6# J-55 csg	4	3.875	4960	5350	0.65282	0.08727	0.01554
8.625" 24# K-55 csg	8.097	0	1370	2950	2.67488	0.35758	0.06369

Annular Capacities	Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" tbg. X 4.5" csg	0.42272	0.05651	0.01006
4.5" csg. X 8.625" csg	1.84866	0.24713	0.04402
4.5" csg X 7.875 borehole	1.70406	0.2278	0.04057

**GEOLOGIC INFORMATION:**

Formation	Depth to top, ft.
Uinta	Surface
Top Green River	972'
Top Mahogany	1720'
Base Parachute	2487'
Top Wasatch	4054'
Top Mesaverde	6508'

<http://digitallibrary.utah.gov/awweb/awarchive?type=file&item=55737>

BMSW Elevation ~1867' MSL  
 BMSW Depth ~3600'

## NBU 422 PLUG & ABANDONMENT PROCEDURE

### GENERAL

- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- BLOW DOWN BRADEN HEAD AND SURFACE CASING AS NEEDED AS PER SOP.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, 15.8ppg, YIELD 1.145 CUFT/SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLs FLUID AND IS TO BE PLACED BETWEEN ALL PLUGS.
- NOTIFY APPROPRIATE AGENCY 48 HOURS BEFORE MOVING ON LOCATION.

PERTINENT WELL HISTORY:s.n. @ 5809' (last w/o in 2004, stuck tbg)

### PROCEDURE

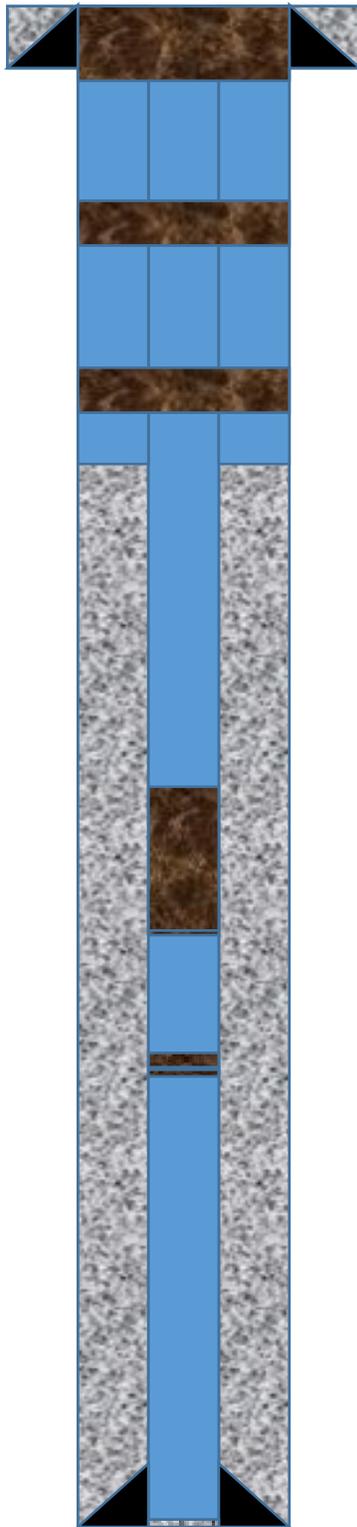
**Note:** Approx. **281 SXS** Class "G" cement needed for procedure & **(1) 4.5" CIBP**

**Note: NO GYRO ON RECORD.** (IF GYRO NEEDED, A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE).

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. POOH W/ TBG & L/D SAME. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL PER FOREMAN DISCRETION.
3. ISOLATE PERFORATIONS (6577'-4800'): RIH ON WIRELINE OR TUBING W/ 4.5" CIBP. SET @ ~4750', (50' above top perf at 4800'). RELEASE CIBP, PUH 10', CIRC ENTIRE HOLE W/ TREATED FRESH WATER AND PRESSURE TEST CASING. SET A 105FT BALANCED CMT PLUG F/ 4750' to 4645'(8 SXS, 9.16 FT3, 1.64 BBLs).
4. PROTECT WASATCH TOP AND BMSW (4054', 3600'): PUH WITH TUBING AND PUMP A MINIMUM OF (559FT) CMT F/ 4054' to 3495' (43 SXS, 49.24 FT3, 8.79 BBLs).
5. PROTECT MAHOGANY BASE (1720'): POOH AND RIG UP WIRELINE. RIH WITH PERF GUNS FOR PRODUCTION CASING. PERFORATE CASING AT ~1820.5' (TOC @ ~2050'). PUMP A MINIMUM OF (201FT) CMT F/ 1820.5' to 1619.5' (67 SXS, 76.72 FT3, 13.67 BBLs) WITH CEMENT RETAINER @ 1800'.
6. PROTECT GREEN RIVER (972'): POOH AND RIG UP WIRELINE. RIH WITH PERF GUNS FOR PRODUCTION CASING. PERFORATE CASING AT ~1072.5' (TOC @ ~2050'). PUMP A MINIMUM OF (201FT) CMT F/ 1072.5' to 871.5' (67 SXS, 76.72 FT3, 13.67 BBLs) WITH CEMENT RETAINER @ 1050'.
7. PROTECT CASING SHOE AND SURFACE (278'): POOH AND RIG UP WIRELINE. RIH WITH PERF GUNS FOR PRODUCTION CASING. PERFORATE CASING AT ~329' (TOC @ ~2050'). PUMP A MINIMUM OF (329FT) CMT F/ 329' to SURFACE TO FILL PRODUCTION CASING AND ANNULUS (96 SXS, 109.92FT3, 19.58 BBLs).
8. CUT OFF WELLHEAD AND INSTALL MARKER PER REGULATIONS.
9. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB. SURFACE RECLAMATION TO BE PERFORMED IN ACCORDANCE TO REGULATIONS.

# NBU 422

Total SXS: 281, Total CIBP: 1



<- Plug for Surface Shoe and Surface at 278' from 329' to 0' with 96SXS,329ft.

<- Plug for GreenRiver at 972' from 1072.5' to 871.5' with 67SXS,201ft.

<- Plug for Mahogany at 1720' from 1820.5' to 1619.5' with 201ft, 67SXS,201ft.

<- TOC at 2050'

<- Parachute Base at 2487'

<- Plug for BMSW and Wasatch at 3600', 4054' from 4054" to 3495' with 43SXS,559ft.

<- Plug above CIBP at 4750' from 4750' to 4645' with 8SXS,105ft.

<-CIBP Above Perfs at 4750'

<-Top Perf at 4800'

<-PBTD at 6775'

<- Production Casing Shoe at 6808'

<-TD at 6808'

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: U-469
1. TYPE OF WELL Gas Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	8. WELL NAME and NUMBER: NBU 422
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0492 FSL 1874 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 29 Township: 10.0S Range: 22.0E Meridian: S	9. API NUMBER: 43047344140000
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
10. PHONE NUMBER: 720 929-6456	COUNTY: UINTAH
	STATE: UTAH

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/17/2016	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Kerr-McGee Oil & Gas Onshore, LP has plugged and abandoned the NBU 422 well on 10/17/2016. Please see the operations summary report for details. Thank you.

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

**FOR RECORD ONLY**

November 16, 2016

<b>NAME (PLEASE PRINT)</b> Candice Barber	<b>PHONE NUMBER</b> 435 781-9749	<b>TITLE</b> HSE Representative
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/24/2016	

US ROCKIES REGION  
Operation Summary Report

Well: NBU 422

Spud date: 3/13/2002

Project: UTAH-UINTAH

Site: NBU 422

Rig name no.: MILES-GRAY 1/1

Event: ABANDONMENT

Start date: 10/12/2016

End date: 10/17/2016

Active datum: GL @5,451.99usft (above Mean Sea Level)

UWI: NBU 422

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
9/26/2016	7:00 - 9:00	2.00	ABANDP	35		P		Traveled to location rigged up on well head ran JDC found heavy fluid @ 3950 drift down to 4003 worked JDC up and down nothing came out ran 2nd JDC sat down @ 4003 beat down worked JDC up and down came out with a lot of heavy scale on the JDC ran G1 tool sat down @ 4003 beat down came out with just heavy scale my JDC and my 1 1/2 inch tools wouldn't go pass 4003 there's a lot of heavy scale in the tubing rigged down traveled to the shop ROAD RIG TO LOCATION FROM NBU 1022-22HS.
10/12/2016	12:00 - 13:00	1.00	ABANDP	30	G	P		MIRU. SPOT IN ALL EQUIP. LAY PUMP LINES ETC.
	13:00 - 14:00	1.00	ABANDP	30	A	P		FCP & FTP = 60#. BLOW DOWN WELL TO PRODUCTION TANK. PUMP 20BBLS TMAC DOWN TBNG & CAUGHT PRESSURE (TBG PLUGGED SOLID). CNTRL CSG W/ 15BBLS TMAC. NDWH (+/- 1HR DUE TO RUSTED BOLTS). UN-LAND TBG (TBG STUCK BUT WORKED FREE). LAND TBG BACK ON HANGER. NUBOP. R/U FLOOR & TBNG EQUIP. UN-LAND TBNG & RMV HANGER. PREP FOR TBNG SCAN IN AM. SWIFN. LOCK RAMS. SDFN. SAFETY = JSA.
	14:00 - 17:30	3.50	ABANDP	30	F	P		SICP= 100#. SITP= 0#. BLOW DOWN CSG TO FLOWBACK TANK. MIRU WIRELINE. P/U & RIH W/ 4HOLE X 1' TBNG PUNCHER. STACK OUT ON SCALE OR SOLIDS @ 4069'. PERF 2-3/8" TBG @ 4050'. POOH E-LINE. RDMO E-LINE.
10/13/2016	7:00 - 7:15	0.25	ABANDP	48	B	P		MIRU SCANNERS. POOH WHILE SCANNING 186JTS 2-3/8" J-55 TBNG. L/D ALL TBNG. MODERATE TO HEAVY O.D. SCALE ON ENTIRE STRING. SCAN RESULTS AS FOLLOWS:
	7:15 - 7:45	0.50	ABANDP	34	H	P		Y-BND= 138JTS R-BND= 48JTS RDMO SCANNERS.
	7:45 - 11:30	3.75	ABANDP	31	I	P		NOTE: TBNG WAS PULLING WET W/ CONDENSATE BELOW PERF HOLES. R/U E-LINE AGAIN & PERF 2-3/8" TBG @ 940'. CONTINUED POOH TBNG.
	11:30 - 12:30	1.00	ABANDP	34	I	P		MIRU WIRELINE. P/U & RIH W/ 4-1/2" GR-JB GOOD @ 4770'. POOH. L/D GR-JB. P/U & RIH W/ 4-1/2" WF CIBP. SET CIBP @ 4750'. POOH E-LINE. RDMO E-LINE.
	12:30 - 13:30	1.00	ABANDP	52	F	P		FILL 4-1/2" PRODUCTION CSNG W/ 20 BBLS TMAC. PRESSURE TEST CSNG BAD @ 500#. LOST 500# IN 30 SECONDS. REPEAT TEST. SHUT DOWN & WAIT FOR PACKER. SUSPECTED HOLES IN CSNG FROM TBNG PUNCHER @ 940'.
	13:30 - 14:30	1.00	ABANDP	46	E	X		W/O TOOL HAND & PACKER TO FIND LEAK.

US ROCKIES REGION  
Operation Summary Report

Well: NBU 422

Spud date: 3/13/2002

Project: UTAH-UINTAH

Site: NBU 422

Rig name no.: MILES-GRAY 1/1

Event: ABANDONMENT

Start date: 10/12/2016

End date: 10/17/2016

Active datum: GL @5,451.99usft (above Mean Sea Level)

UWI: NBU 422

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	14:30 - 15:30	1.00	ABANDP	31	C	P		P/U & RIH W/ 4-1/2" ARROW SET PACKER + 29JTS 2-3/8" J-55 TBNG. PACKER @ 928'. PRESSURE TEST GOOD ABOVE THE PACKER @ 500# (LOST 0# IN 5MIN. P/T BAD BELOW PACKER (INJECTING 1BPM @ 250#). P/U & RIH 1 MORE JT TBNG. SET PACKER W/ 30JTS. PACKER @ 960'. TEST BAD ABOVE THE PACKER (INJECTING 1BPM @ 250#. P/T GOOD BELOW THE PACKER @ 500#. LOST 0# IN 5MIN. HOLES LOCATED BETWEEN 928' - 960'. POOH WHILE STD BACK 30JTS TBNG. L/D PACKER.
	15:30 - 17:00	1.50	ABANDP	31	I	P		P/U & RIH W/ N.C. + 150JTS 2-3/8" J-55 TBNG. T/U ON CIBP @ 4750'. L/D 1JT. PUH 10' OFF OF CIBP. SWIFN. SDFN.
10/14/2016	7:00 - 7:15	0.25	ABANDP	48	B	P		SAFETY = JSA.
	7:15 - 10:10	2.92	ABANDP	51	D	P		0# ON WELL. MIRU CMT CREW. BREAK CONV CIRC W/ TMAC. CIRC WELLBORE CLEAN W/ 70BBLS TMAC. EST INJ RATE INTO HOLES @940'. PUMP 1BPM @ 210#. START CMT. ALL CMT PUMPED @ 15.8# AND IS G CMT.  CIBP @ 4750'. PUMP 2.6BBLS FRESH WATER. PUMP 10SX CMT. DISPLACE W/ 1BBL FRESH WATER & 16.8BBLS TMAC. PUH TBNG.  EOT @ 4054'. FILL HOLE W/ TMAC. PUMP 2.6BBLS FRESH WATER. PUMP 43SX CMT. DISPLACE W/ 1BBL FRESH WATER & 12.2BBLS TMAC. PUH TBNG.  EOT @ 2600'. FILL HOLE W/ TMAC. PUMP 2.6BBLS FRESH WATER. PUMP 16SX CMT. DISPLACE W/ 1BBL FRESH WATER & 8.1BBLS TMAC. PUH TBNG.  POOH WHILE L/D EXCESS TBNG NOT NEEDED FOR CIRC / CMT SQZ. TOOH W/ 55JTS TBNG.
	10:10 - 10:35	0.42	ABANDP	34	H	P		MIRU WIRELINE. P/U & RIH W/ 4SPF X 1' SQZ GUN. PERF 4-1/2" PRODUCTION CSNG @ 1820'. POOH E-LINE. RDMO E-LINE. EST INJECTION RATE INTO SQZ HOLES @ 1820' W/ 5BBLS TMAC. 3BPM @ 200#.
	10:35 - 11:10	0.58	ABANDP	31	I	P		P/U & TIH W/ 4-1/2" WF CIRC + 55JTS 2-3/8" J-55 TBNG. SET CIRC @ 1766'. STING OUT. FILL CSNG ABOVE CIRC W/ TMAC UNTIL RETURNS @ SURFACE. STING INTO CIRC. EST INJECTION RATE BELOW CIRC OF 3.1BPM @ 400#. RETURNS @ SURFACE UP 8-5/8" X 4-1/2" ANNULUS.
	11:10 - 11:45	0.58	ABANDP	51	D	P		R/U CMT CREW. PUMP SQZ AS FOLLOWS:  CIRC @ 1766'. PUMP 2.6BBLS FRESH WATER. PUMP 67SX 15.8# CMT (2% CHLORIDE) BELOW THE CIRC. STING OUT & SPOT 16SX CMT ON TOP OF CIRC. DISPLACE W/ 2.3BBLS TMAC. PUH TBNG. L/D EXCESS TBNG NOT NEEDED FOR NEXT CIRC / CMT SQZ. TOO W/ 29JTS TBNG. L/D SETTING TOOL.

US ROCKIES REGION  
Operation Summary Report

Well: NBU 422

Spud date: 3/13/2002

Project: UTAH-UINTAH

Site: NBU 422

Rig name no.: MILES-GRAY 1/1

Event: ABANDONMENT

Start date: 10/12/2016

End date: 10/17/2016

Active datum: GL @5,451.99usft (above Mean Sea Level)

UWI: NBU 422

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	11:45 - 12:20	0.58	ABANDP	34	H	P		MIRU WIRELINE. P/U i RIH W/ 4SPF X 1' SQZ GUN. PERF 4-1/2" PRODUCTION CSNG @ 1072'. POOH E-LINE. RDMO E-LINE. EST INJECTION RATE INTO SQZ HOLES. 3BPM @ 180#. FULL RETURNS @ SURFACE UP 8-5/8" X 4-1/2" ANNULUS.
	12:20 - 12:45	0.42	ABANDP	31	I	P		P/U & TIH W/ 4-1/2" CICR + 29JTS 2-3/8" J-55 TBNG. SET CICR @ 928'. STING OUT. FILL CSNG ABOVE CICR W/ TMAC UNTIL RETURNS @ SURFACE. STING INTO CICR. EST INJECTION RATE BELOW CICR OF 3BPM @ 200#.  NOTE: CICR SET ABOVE CSNG LEAK @ 940' AND ABOVE SQZ HOLES @ 1072'.
	12:45 - 14:20	1.58	ABANDP	51	D	P		R/U CMT CREW. PUMP SQZ AS FOLLOWS:  CICR @ 928'. PUMP 2.6BBLS FRESH WATER. PUMP 77SX 15.8# CMT (2% CHLORIDE) BELOW THE CICR W/ TMAC UNTIL RETURNS @ SURFACE. STING OUT OF CICR. DISPLACE W/ 2.3BBLS TMAC. LET CMT BALANCE OUT. LOST RETURNS @ SURFACE PART WAY THRU CMT JOB. POOH WHILE L/D ALL TBNG. R/D FLOOR & TBG EQUIP. NDBOP. NUWH.
	14:20 - 14:35	0.25	ABANDP	34	H	P		R/U WIRELINE. P/U & RIH W/ 4SPF X 1' SQZ GUN. PERF 4-1/2" PRODUCTION CSNG @ 329'. POOH E-LINE. RELEASE E-LINE. EST INJ RATE OF 3.2BPM @ 40#. PARTIAL RETURNS @ SURFACE.
	14:35 - 15:00	0.42	ABANDP	51	D	P		HOLES @ 329'. PUMP 150SX 15.8# CMT (2% CHLORIDE). LOST CIRC @ 90SX CMT GONE. WELL ON VAC. SHUT WELL IN FOR WEEKEND.  NOTE: TOO WINDY FOR RDMO. RIG OFF OF BID TIME @ 1430 HRS.  NOTE: JAKE BIRCHELL W/ BLM ON LOCATION TO WITNESS P&A. JAKE APPROVED OF ALL ACTIONS. SAFETY = JSA.
10/17/2016	7:00 - 7:15	0.25	ABANDP	48	B	P		
	7:15 - 8:15	1.00	ABANDP	53	B	P		WELL ON VAC. MIRU ROUSTABOUT CREW. EXPOSE WELLHEAD. CUT & LOWER WELLHEAD. FOUND CMT / FLUID DOWN +/- 200' IN 4-1/2" ANNULUS & 8-5/8" X 4-1/2" ANNULUS.
	8:15 - 10:30	2.25	ABANDP	51	D	P		R/U CMT CREW. MIX AND PUMP 100SX 15.8# CMT (2% CHLORIDE). CMT @ SURFACE BUT FELL BACK IN 8-5/8" X 4-1/2" ANNULUS. SHUT DOWN FOR 2HRS.
	10:30 - 11:00	0.50	ABANDP	51	D	P		R/U CMT CREW. MIX & PUMP 40SX 15.8# CMT (2% CHLORIDE). CMT @ SURFACE & STAYED FULL. CAP WELL BACKFILL. P&A COMPLETE. RELEASE CMT CREW.  WELLHEAD COORDINATES: LAT: 39.914033 LONG: -109.46077  NOTE: P&A WITNESSED BY JAKE BIRCHELL W/ BLM. JAKE APPROVED OF ALL ACTIONS.