

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

5. LEASE DESIGNATION AND SERIAL NO.  
**U- 49531**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**N/A**

7. UNIT AGREEMENT NAME  
**CR-12**

8. FARM OR LEASE NAME, WELL NO.  
**Federal #6-100**

9. API WELL NO.

10. FIELD AND POOL, OR WILDCAT  
**Ouray**

11. SEC., T., R., M., OR BLK  
AND SURVEY OR AREA  
**Sec. 6, T9S, R22E**

12. COUNTY OR PARISH  
**Uintah**

13. STATE  
**UT**

**APPLICATION FOR PERMIT TO DRILL OR DEEPEN**

1a. TYPE OF WORK  
**DRILL  DEEPEN**

b. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
**Coastal Oil & Gas Corporation**

3. ADDRESS AND TELEPHONE NO.  
**P.O. Box 1148, Vernal UT 84078 (435)781-7023**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. \*)  
At surface  
**SE/NE 4,436.068N 630.059E**  
At proposed prod. zone  
**2081' FNL & 660' FEL**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**11.95 miles to Ouray, UT**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) **660'**

16. NO. OF ACRES IN LEASE  
**82.65**

17. NO. OF ACRES ASSIGNED TO THIS WELL  
**82.65**

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. **Refer to Topo C**

19. PROPOSED DEPTH  
**8800'**

20. ROTARY OR CABLE TOOLS  
**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**4703.6' GR**

22. APPROX. DATE WORK WILL START\*  
**Upon Approval**

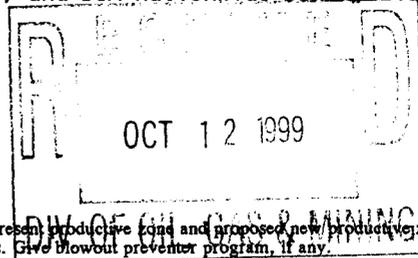
23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See Attached	Drilling Program			

Coastal Oil & Gas Corporation is considered to be the operator of the subject well. Coastal Oil & Gas Corporation agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for the lease activities is being provided by Coastal Oil & Gas Corporation Bond #102103, BLM Nationwide Bond #U-605382-9, and BIA Nationwide Bond #114066-A.

**Federal Approval of this  
Action is Necessary**



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. *Cheryl Cameron* **Cheryl Cameron**  
SIGNED TITLE **Environmental Analyst** DATE **9/14/99**

(This space for Federal or State office use)

PERMIT NO. 43-047-33401 APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY *Bradley G. Hill* TITLE **BRADLEY G. HILL RECLAMATION SPECIALIST III** DATE **10/14/99**

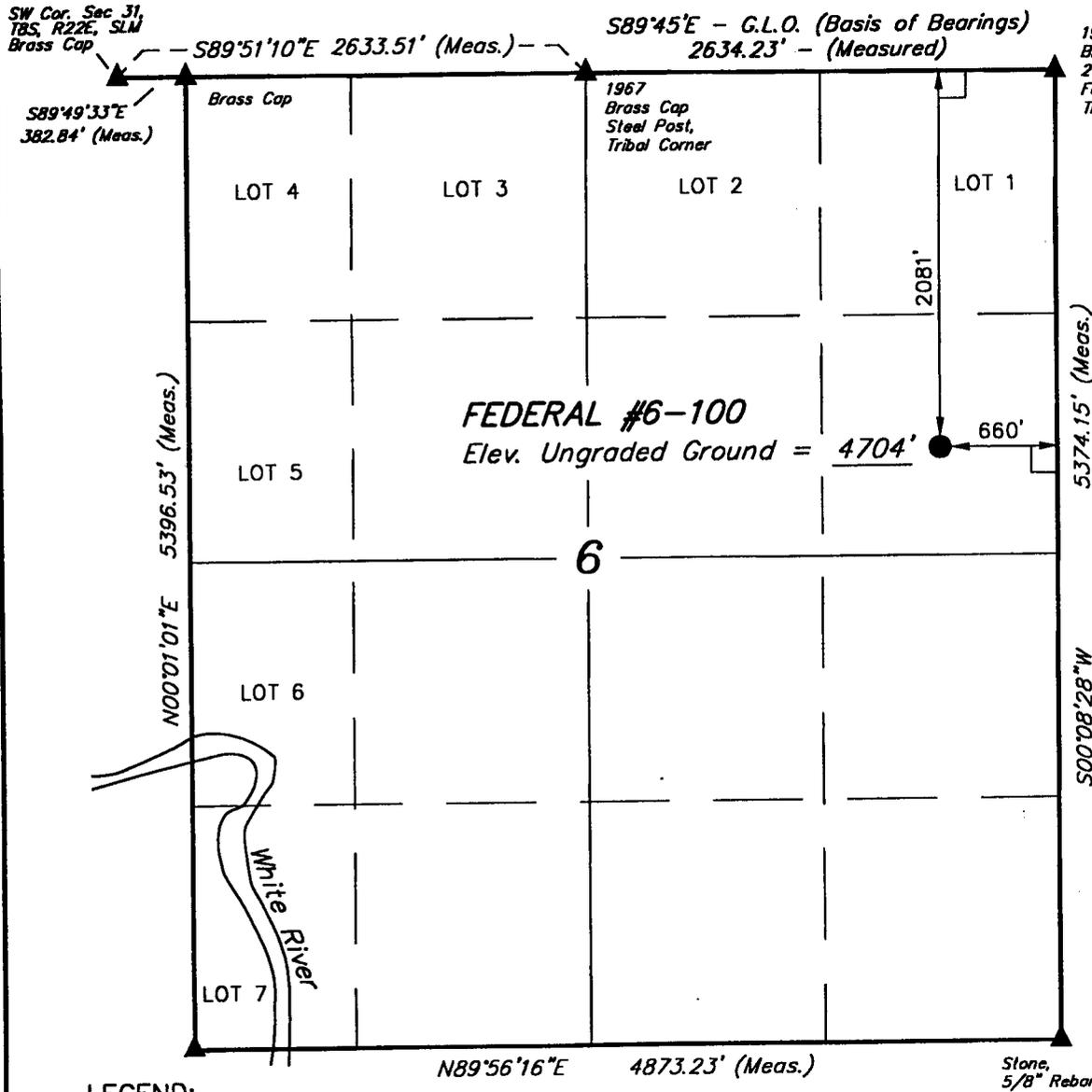
\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes 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.

# T9S, R22E, S.L.B.&M.

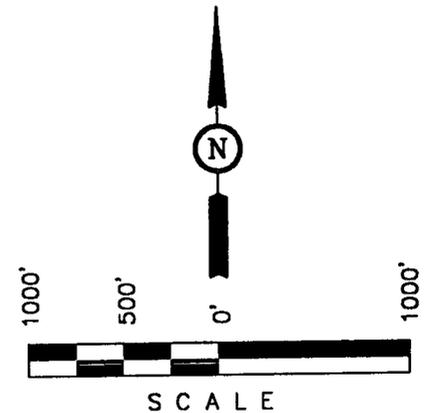
## COASTAL OIL & GAS CORP.

Well location, FEDERAL #6-100, Located as shown in the SE 1/4 NE 1/4 of Section 6, T9S, R22E, S.L.B.&M. Uintah County, Utah.



### BASIS OF ELEVATION

BENCH MARK (21EAM) LOCATED IN THE SE 1/4 OF SECTION 6, T9S, R22E, S.L.B.&M. TAKEN FROM THE RED WASH SW 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 4701 FEET.



### CERTIFICATE

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

REG. NO. 161318  
 R. K. KAY  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161318  
 STATE OF UTAH

### LEGEND:

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

LATITUDE = 40°04'00"  
 LONGITUDE = 109°28'30"

<b>UNTAH ENGINEERING &amp; LAND SURVEYING</b>		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 08-19-99	DATE DRAWN: 09-06-99
PARTY K.K. R.W. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE COASTAL OIL & GAS CORP.	

**FEDERAL #6-100  
SE/NE, SECTION 6-T9S-R22E  
UINTAH COUNTY, UTAH  
LEASE NUMBER: U-49531**

**ONSHORE ORDER NO. 1  
COASTAL OIL & GAS CORPORATION**

***DRILLING PROGRAM***

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

<u>Formation</u>	<u>Depth</u>
KB	4720'
Green River	1950'
Wasatch	5180'
Mesaverde	8000'
Total Depth	8600'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Oil/Gas	Green River	1950'
	Wasatch	5180'
	Mesaverde	8000'
Water	N/A	
Other Minerals	N/A	

**3. Pressure Control Equipment:**

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

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

*Please see the Natural Buttes Unit SOP.*

Casing and Cementing Program changes from the Natural Buttes Unit SOP are as follows:

<b><i>SURFACE CASING</i></b>	<b><i>Depth</i></b>	<b><i>Hole Size</i></b>	<b><i>Csg Size</i></b>	<b><i>Wt/Ft</i></b>	<b><i>Grade</i></b>	<b><i>Type</i></b>
Kicker Sand Present	0-450'	11"	8-5/8"	24#	K-55	ST&C

<i>Surface Casing</i>	<i>Fill</i>	<i>Type &amp; Amount</i>
Kicker Sand Present -- 0-450'	450'	255 sx Class "G" + 2% CaCl <sub>2</sub> , 15.6 ppg, 1.19 cf/sx (Cement will be circulated to surface, about 25% excess).
<i>Production Casing</i>	<i>Type &amp; Amount</i>	
500' above productive interval-surface	Lead: Extended, Lite, or Hi-Fill cement + additives, 11 ppg, 3.81 cf/sx.	
TD-500' above productive interval	Tail: Extended Class "G" or 50:50 Poz + additives, 14.3 ppg; or RFC, 14.0-14.5 ppg, 1.26 cf/sx.	

5. **Drilling Fluids Program:**

*Please see the Natural Buttes Unit SOP.*

If the Kicker Sand is present, weighted mud (9.0 ppg or less) may be required. If hole conditions warrant, a mud system will be used.

6. **Evaluation Program:**

*Please see the Natural Buttes Unit SOP.*

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure approximately equals 3,520 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1,584 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates & Notification of Operations:**

*Please see the Natural Buttes Unit SOP.*

9. **Variances:**

*Please see the Natural Buttes Unit SOP.*

10. **Other Information:**

*Please see the Natural Buttes Unit SOP.*

**FEDERAL #6-100  
SE/NE, SECTION 6-T9S-R22E  
UINTAH COUNTY, UTAH  
LEASE NUMBER: U- 49531**

**ONSHORE ORDER NO. 1**

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

An onsite inspection was conducted for the above referenaced well on 9/8/99. The following individuals were contacted to attend the Onsite inspection:

Ronny Routh	Coastal Oil & Gas Corporation
Paul Breshears	Coastal Oil & Gas Corporation
Larry Hain	Coastal Oil & Gas Corporation
Carroll Wilson	Coastal Oil & Gas Corporation
Greg Darlington	Bureau of Land Management
Manuel Myore	Burea of Indian Affairs
Alvin Ignacio	Ute Tribe
Robert Kay	Uintah Engineering & Land Surveying
Gary Streeter	Uintah Engineering & Land Surveying
Harley Jackson	Jackson Construction
Jim Justice	J&L Oilfield Service
John Faucett	John E. Faucett Construction

**1. Existing Roads:**

Refer to Topo Map A for directions to the location.

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

**2. Planned Access Roads:**

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

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

**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.*

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

*Please see the Natural Buttes Unit SOP.*

**6. Source of Construction Materials:**

*Please see the Natural Buttes Unit SOP.*

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

*Please see the Natural Buttes Unit SOP.*

**8. Ancillary Facilities:**

*Please see the Natural Buttes Unit 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.

The reserve pit will be lined, and when the reserve pit is closed, the pit liner will be buried below plow depth.

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

*Please see the Natural Buttes Unit SOP.*

**11. Surface Ownership:**

The well pad and access road are located on lands owned by the Ute Indian Tribe.

**12. Other Information:**

A Class III archaeological survey was conducted by Montgomery Archaeological Consultants. A copy of this report is attached.

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

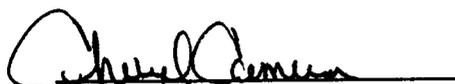
Cheryl Cameron  
Environmental & Safety Analyst  
Coastal Oil & Gas Corporation  
P.O. Box 1148  
Vernal, UT 84078  
(435) 781-7023

Tom Young  
Drilling Manager  
Coastal Oil & Gas Corporation  
9 Greenway Plaza, Suite 2770  
Houston, TX 77046  
(713) 418-4156

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

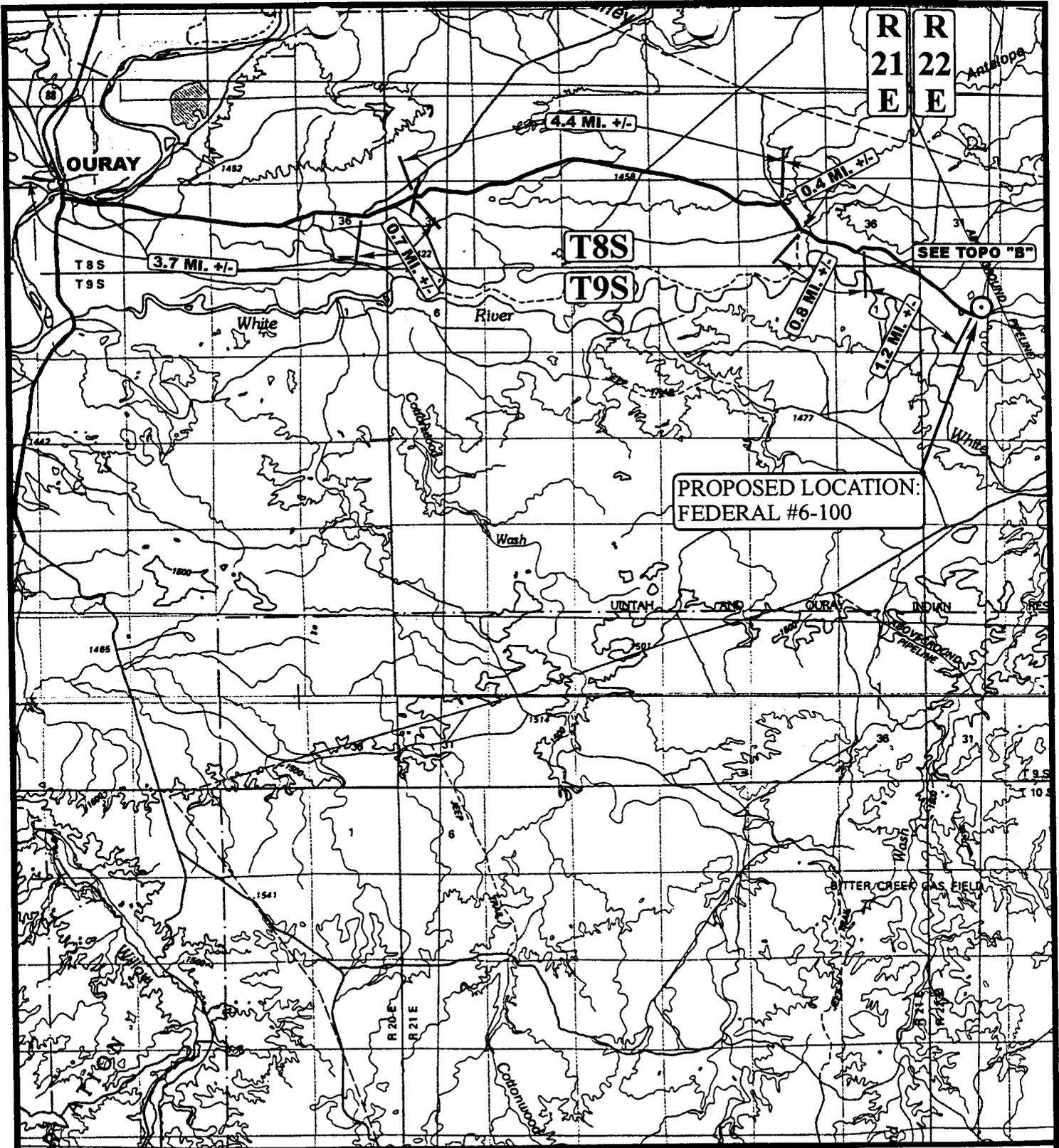
The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

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.

  
Cheryl Cameron

9/14/99

Date



PROPOSED LOCATION:  
FEDERAL #6-100

**LEGEND:**

⊙ PROPOSED LOCATION



**COASTAL OIL & GAS CORP.**

FEDERAL #6-100  
SECTION 6, T9S, R22E, S.L.B.&M.  
2081' FNL 660' FEL



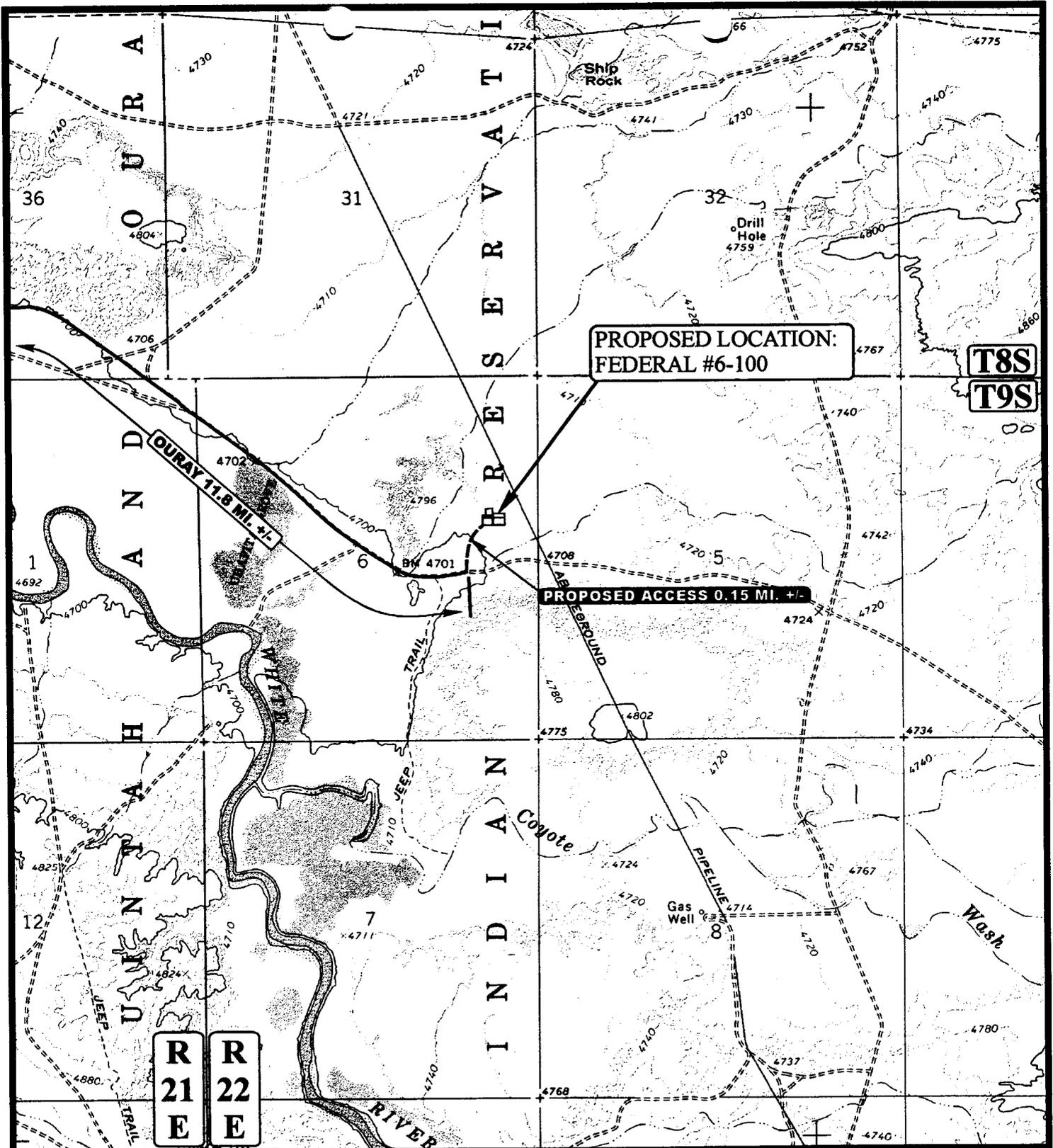
**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC**  
**MAP**

<b>9</b>	<b>7</b>	<b>99</b>
MONTH	DAY	YEAR

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





**PROPOSED LOCATION:  
FEDERAL #6-100**

**DURAY 11.8 MI. +/-**

**PROPOSED ACCESS 0.15 MI. +/-**

**T8S  
T9S**

**R  
21  
E** **R  
22  
E**

**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING ROAD



**COASTAL OIL & GAS CORP.**

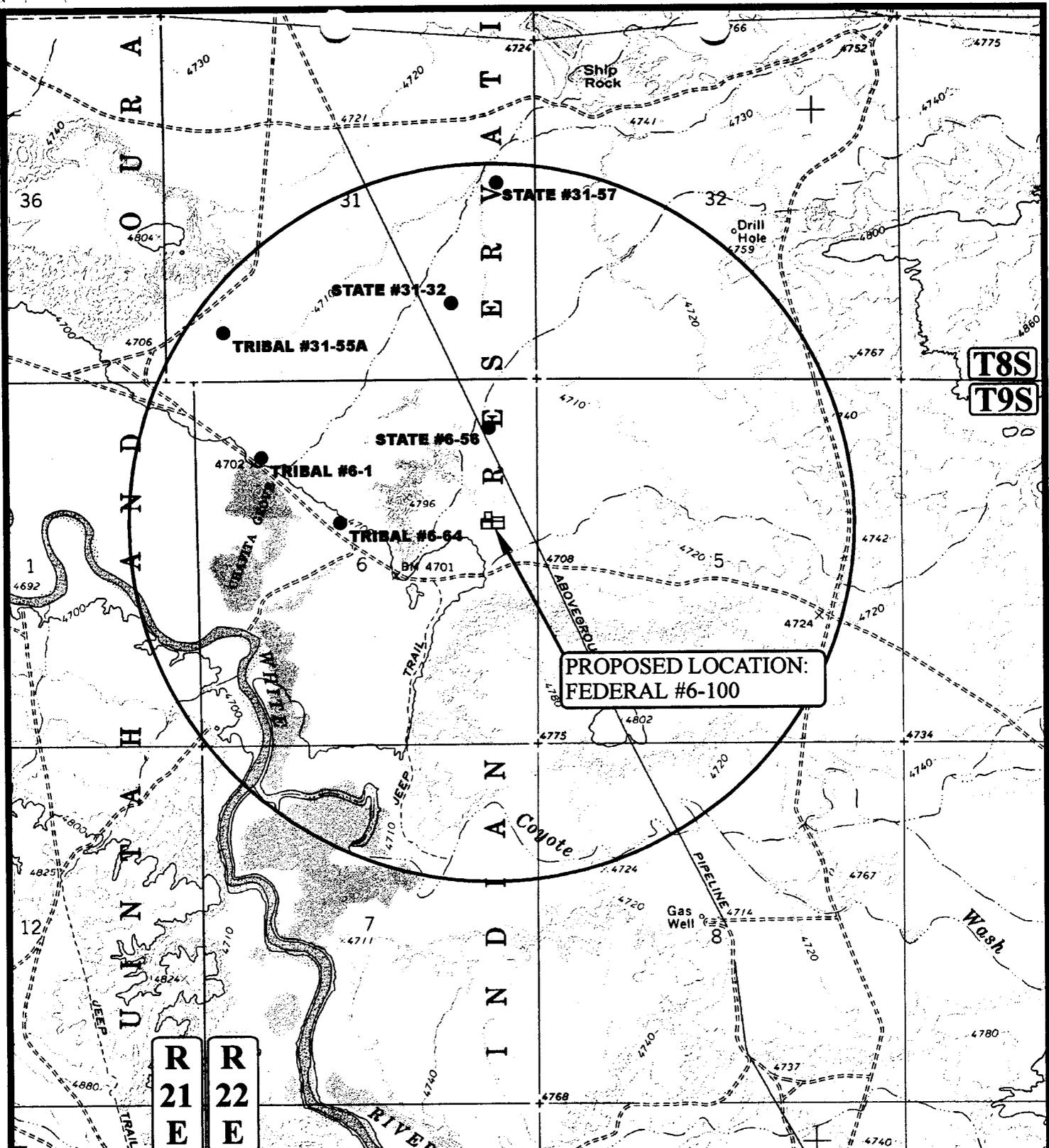
**FEDERAL #6-100  
SECTION 6, T9S, R22E, S.L.B.&M.  
2081' FNL 660' FEL**



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

**TOPOGRAPHIC** **9** **7** **99**  
**MAP** **MONTH** **DAY** **YEAR**  
SCALE: 1" = 2000' DRAWN BY: C.G. REVISED: 00-00-00





T8S  
T9S

PROPOSED LOCATION:  
FEDERAL #6-100

R  
21  
E

R  
22  
E

**LEGEND:**

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

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

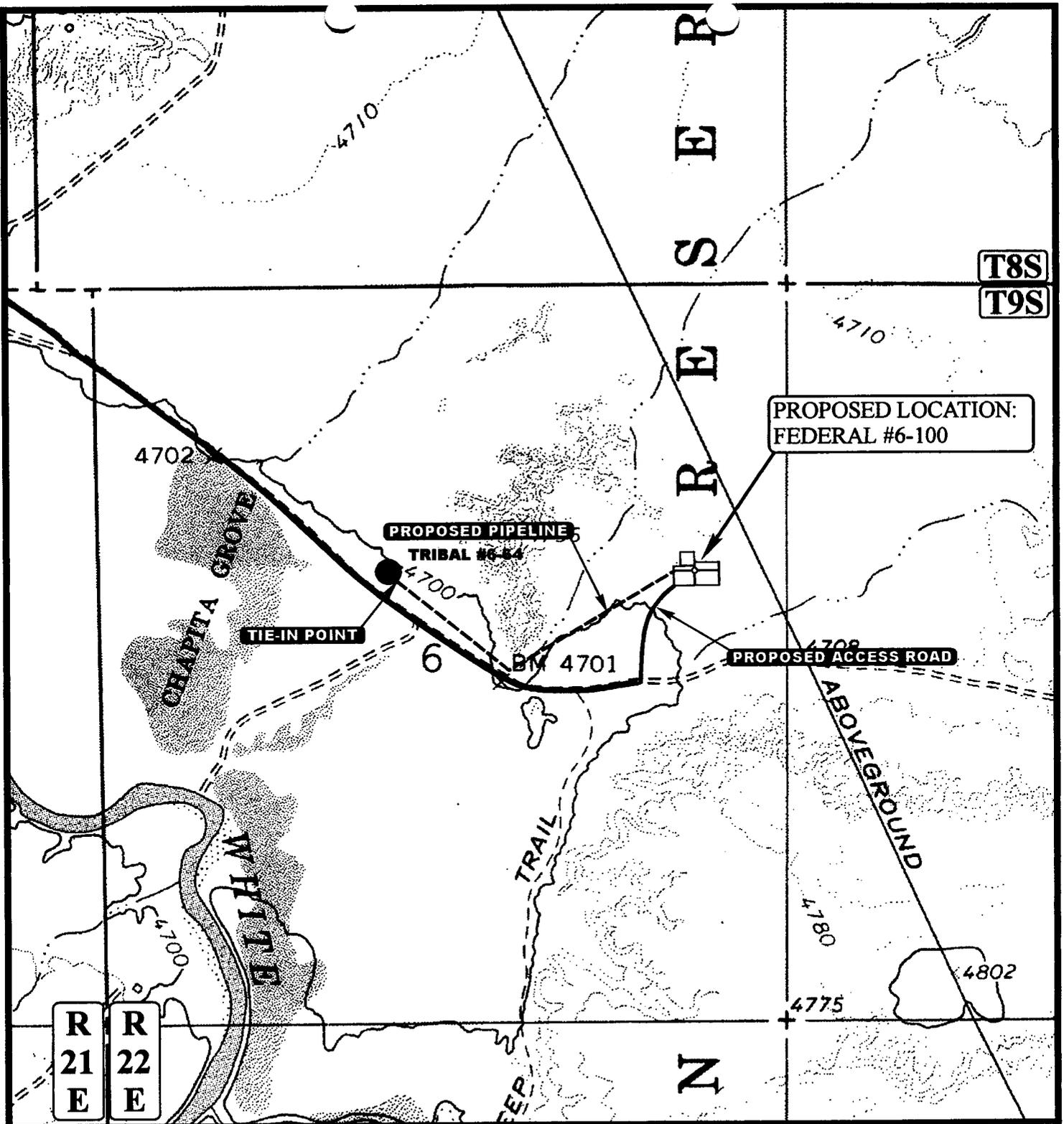


**COASTAL OIL & GAS CORP.**

**FEDERAL #6-100**  
**SECTION 6, T9S, R22E, S.L.B.&M.**  
**2081' FNL 660' FEL**

TOPOGRAPHIC MAP  
9 MONTH 7 DAY 99 YEAR  
SCALE: 1" = 2000' DRAWN BY: C.G. REVISED: 00-00-00

**C**  
TOPO



APPROXIMATE TOTAL PIPELINE DISTANCE = 2,450' +/-

**LEGEND:**

- EXISTING PIPELINE
- - - PROPOSED PIPELINE
- PROPOSED ACCESS



**COASTAL OIL & GAS CORP.**

**FEDERAL #6-100**  
**SECTION 6, T9S, R22E, S.L.B.&M.**  
**2081' FNL 660' FEL**



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

**TOPOGRAPHIC**  
**MAP**

**9 7 99**  
 MONTH DAY YEAR

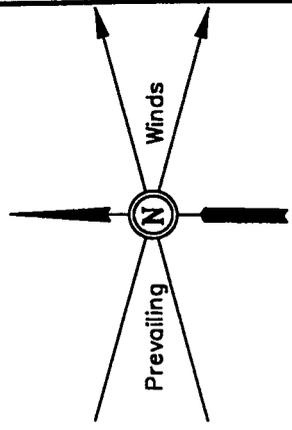
SCALE: 1" = 1000' DRAWN BY: C.G. REVISED: 00-00-00



COASTAL OIL & GAS CORP.

FIGURE #1

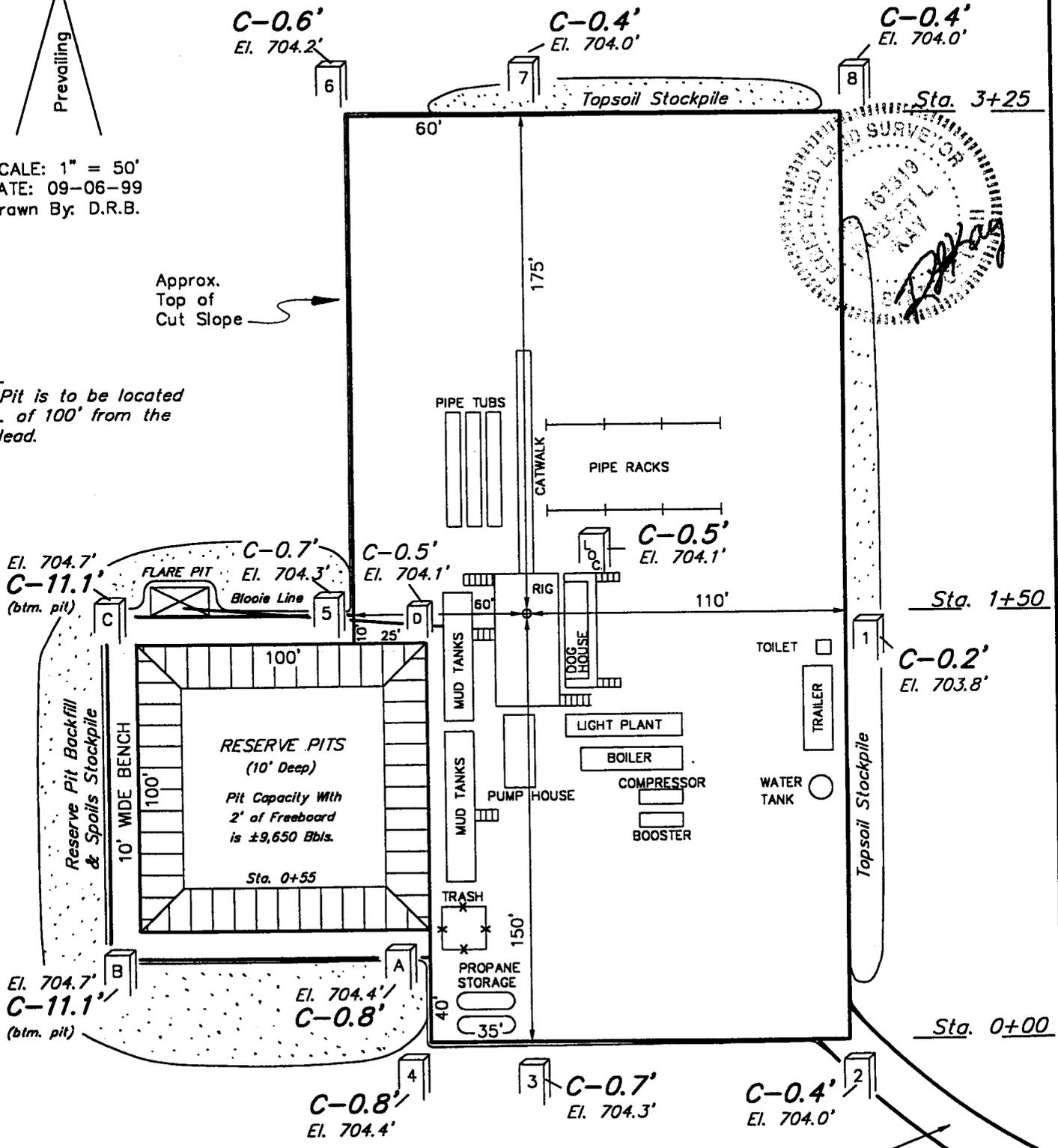
LOCATION LAYOUT FOR  
 FEDERAL #6-100  
 SECTION 6, T9S, R22E, S.L.B.&M.  
 2081' FNL 660' FEL



SCALE: 1" = 50'  
 DATE: 09-06-99  
 Drawn By: D.R.B.

Approx. Top of Cut Slope

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



NOTES:  
 Elev. Ungraded Ground At Loc. Stake = 4704.1'  
 FINISHED GRADE ELEV. AT LOC. STAKE = 4703.6'

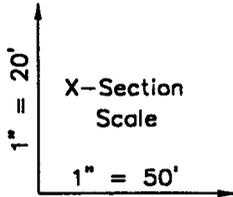
UINTAH ENGINEERING & LAND SURVEYING  
 85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

COASTAL OIL & GAS CORP.

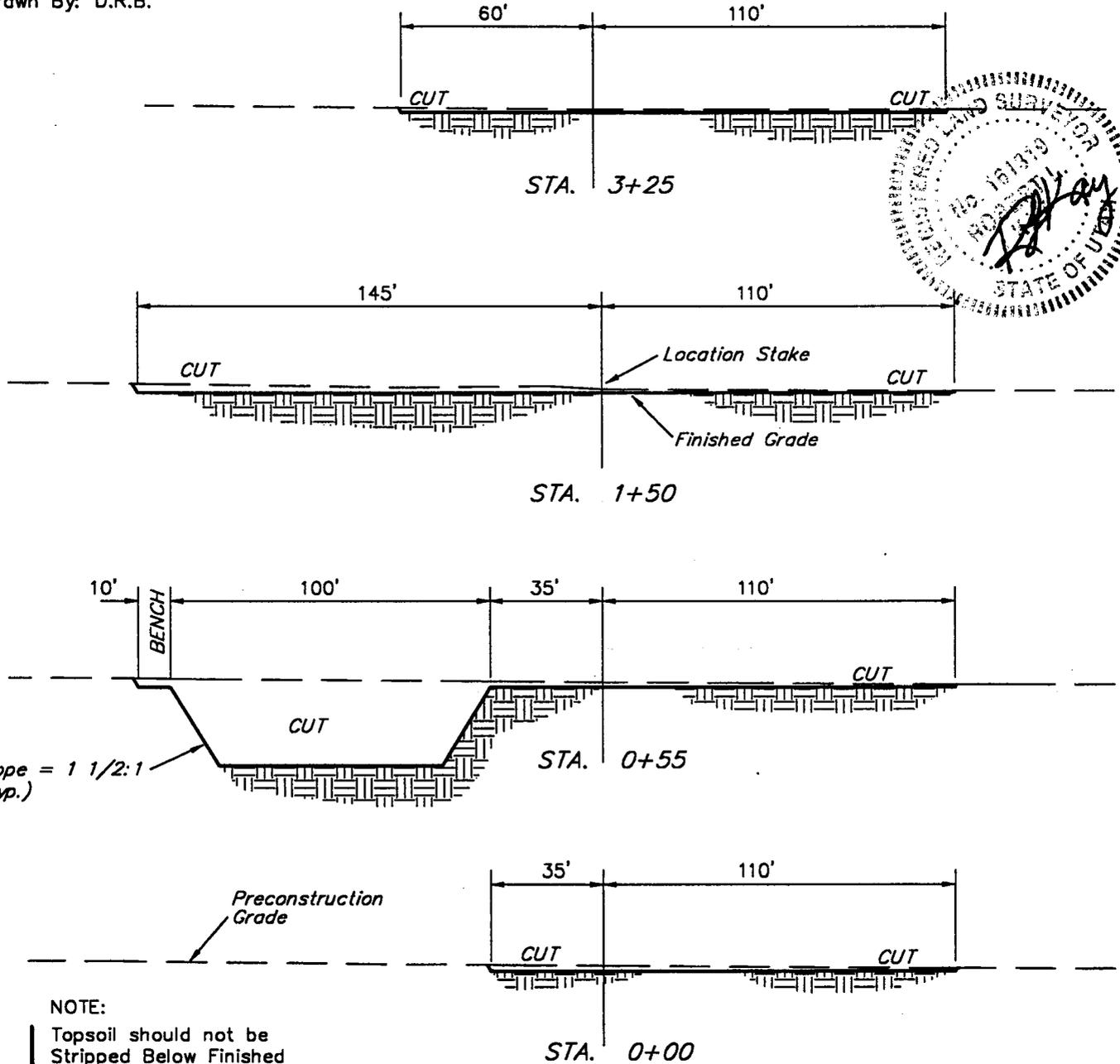
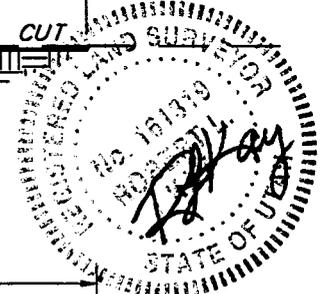
FIGURE #2

TYPICAL CROSS SECTIONS FOR

FEDERAL #6-100  
SECTION 6, T9S, R22E, S.L.B.&M.  
2081' FNL 660' FEL



DATE: 09-06-99  
Drawn By: D.R.B.



NOTE:

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

APPROXIMATE YARDAGES

CUT	
(12") Topsoil Stripping	= 2,280 Cu. Yds.
Remaining Location	= 2,660 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 4,950 CU.YDS.</b>
<b>FILL</b>	<b>= 1,030 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 3,870 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,630 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 240 Cu. Yds.

**CULTURAL RESOURCE INVENTORIES OF SEVEN  
WELL LOCATIONS, ACCESS AND PIPELINE ROUTES  
IN THE OURAY FIELD, UINTAH COUNTY, UTAH**

**By**

**Keith R. Montgomery**

**Prepared For:**

**Ute Indian Tribe  
Energy and Minerals  
Resource Department  
P.O. Box 70  
Ft. Duchesne, UT 84026**

**Prepared Under Contract With:**

**Coastal Oil and Gas Corporation  
P.O. Box 1148  
Vernal, Utah 84078**

**Prepared By:**

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

**September 9, 1999**

**Ute Indian Tribe License No. A99-363**

**United States Department of Interior (FLPMA)  
Permit No. 99-UT-60122**

**State of Utah Antiquities Project (Survey)  
Permit No. U-99-MQ-0435i,p**

## ABSTRACT

Cultural resource inventories were conducted by Montgomery Archaeological Consultants (MOAC) in August, 1999, for seven proposed well locations, access routes, and pipeline corridors in Coastal Oil and Gas Corporation's Ouray Field. The project area is located in the White River locality, Uintah County, Utah. The proposed well locations consist of Federal 6-100, Ute Tribal 35-111, 35-112, 35-113, Archee 1-117, 1-118, and Tribal 2-119. A total of 67.4 acres was inventoried which included 47.5 acres on Ute Tribal lands and 19.9 acres situated on private property.

The inventory resulted in the documentation of four new prehistoric sites (42Un2635, 42Un2636, 42Un2637 and 42Un2639), and three prehistoric and historic isolated finds (IF-A, IF-B and IF-C). 42Un2635 is a limited activity lithic scatter containing two pieces of debitage, chipped stone tools, and a ground stone implement. The site is determined not eligible to the NRHP, due to its lack of additional research potential. Site 42Un2636 is a prehistoric petroglyph panel which appears to represent a contemporaneous thematic composition with stylistic attributes similar to the Archaic and Fremont cultural groups. The site is considered eligible to the NRHP under Criterion (c) and Criterion (d). Site 42Un2637 represents both historic (out-of-period) and prehistoric (unknown temporal affiliation) rock art, and is deemed eligible to the NRHP under Criterion (d) based on its potential for additional research potential. Site 42Un2639 is an early 20<sup>th</sup> century Ute temporary camp containing an array of domestic artifacts as well as remnants of possible features. The site is evaluated as eligible for consideration to the NRHP based on Criterion (d).

In accordance with the Ute Tribe regulations all archaeological sites need to be avoided by the proposed undertakings.

1. Site 42Un2635 will be avoided since it lies 500 feet beyond proposed Well Location Archee 1-118.
2. Site 42Un2636 is situated 300 feet beyond proposed Well Location Archee 1-118, and will be avoided by the undertaking.
3. Site 42Un2637 will be avoided since it occurs 150 feet north of the pipeline (alternate) for proposed Well Location Federal 6-100.
4. Site 42Un2639 is situated 125 feet south of the proposed pipeline for Well Location Ute Tribal 35-112.

In addition, the following well locations situated in dense vegetation will require monitoring by an archaeologist: Ute Tribal 35-111, Archee 1-117, and Tribal 2-119. Furthermore the proposed lateral pipelines for Federal 6-100, Ute Tribal 35-111, Ute Tribal 35-112, Ute Tribal 35-113, Archee 1-117, Archee 1-118, and Tribal 2-119 well locations will require monitoring by an archaeologist.

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## INTRODUCTION

Cultural resource inventories were conducted by Montgomery Archaeological Consultants (MOAC) in August, 1999, for seven proposed well locations, access routes, and pipeline corridors in Coastal Oil and Gas Corporation's Ouray Field. The project area is located in the White River locality, Uintah County, Utah. The proposed well locations consist of Federal 6-100, Ute Tribal 35-111, 35-112, 35-113, Archee 1-117, 1-118, and Tribal 2-119. The survey was implemented at the request of Ms. Cheryl Cameron, Environmental Specialist, Coastal Oil & Gas Corporation, Vernal, Utah. The project is situated on Ute Indian land (Uintah & Ouray Reservation) and private land.

The objectives of the inventories were 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 inventories were implemented to attain compliance with a number of federal and state mandates, including the Archaeological and Historic Conservation Act of 1972, the Archaeological Resources Protection Act of 1979, the American Indian Religious Freedom Act of 1978 (AIRFA) and Utah State Antiquities Act of 1973 (amended 1990).

The fieldwork was performed between August 19 and 29, 1999, by Keith Montgomery (Principal Investigator), assisted by Joe Pachak, Sharyl Kinnear-Ferris, and Greg Nunn. The project was carried out under the auspices of U.S.D.I. (FLPMA) Permit No. 99-UT-60122, State of Utah Antiquities Permit (Survey) No. U-99-MQ-0435i,p and Ute Indian Tribe License No. A99-363, issued to Montgomery Archaeological Consultants, Moab, Utah.

Prior to the fieldwork, a file search for previous cultural resource inventories and archaeological sites was conducted by Keith R. Montgomery at the Division of State History, Antiquities Section, Salt Lake City. This consultation indicated that a number of archaeological surveys related primarily to energy exploration have been completed in the general area. In 1991, Archaeological-Environmental Research Corporation (AERC) inventoried ten well locations for Conoco, Inc. in the White River locality (Hauck 1991). Western Wyoming College surveyed a pipeline for Questar in T8S, R 21E, Sec. 35 in 1991 (Creasman 1991). In 1994, James Truesdale inventoried two gravel pit locations for the Glen Bench Road (Truesdale 1994). In 1995, AERC inventoried six well locations for Conoco Inc. in the White River locality (Hauck and Hadden 1995). In the following year, AERC surveyed Conoco Inc. nine well locations in the vicinity of the project area (Hauck and Hadden 1996). In 1999, Montgomery Archaeological Consultants (MOAC) inventoried the Ouray gathering systems and various well locations in Coastal Oil & Gas Corporation's Ouray Field (Montgomery and Montgomery 1998, 1999). In 1999, MOAC surveyed the Ouray field central tank batteries and lateral pipelines for Coastal Oil & Gas Corporation (Montgomery, Montgomery, and Kinnear-Ferris 1999). Also in 1999 MOAC completed an inventory of five well locations and associated access routes north of the White River in the Ouray Field (Montgomery and Kinnear-Ferris 1999).

## DESCRIPTION OF PROJECT AREA

The project area is located on the north and south sides of the White River, southeast of the town of Ouray, Utah. The seven well locations occur in Coastal Oil and Gas Corporation's Ouray Field (Figures 1 and 2). Table 1 presents the legal descriptions, access/pipeline lengths, and cultural resources for the seven proposed well locations.

### 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. Specifically, the survey area is situated along the White River floodplain and the adjacent benches. The geology consists of recent alluvial deposits, the older alluvial terrace deposits, and rock outcrops of the Upper Eocene Uinta Formation. The Uinta Formation occurs as eroded outcrops formed by fluvial deposited stream laid interbedded sandstone and mudstone, and is known for its fossil vertebrate turtles, crocodilians, and occasional fish remains. The elevation of the project area ranges from 4650 to 4720 feet a.s.l. The project occurs within the Upper Sonoran Desert Shrub and Riparian associations. Along the lower alluvial terraces of the White River, cottonwood, tamarisk, willow, bullrush, and sedges dominate. Desert shrub community species in the area include sagebrush, greasewood, rabbitbrush, shadscale, winter fat, mat saltbush, Russian olive, cheat grass, and prickly pear cactus.

Table 1. Coastal Oil & Gas Corporation's Ouray Field Seven Well Locations.

Well Location Designation	Legal Location	Access/Pipeline	Cultural Resources
Federal 6-100	T9S, R22E, S.6 SE/NE	Pipeline 1800' Pipeline Alt. 2300' Access Route 500'	42Un2637 IF-C
Ute Tribal 35-111	T8S, R20E, S.35 SE/SE	Access/Pipeline 1500' Access Route 1700'	None
Ute Tribal 35-112	T8S, R20E, S.35 NW/SW	Pipeline 1900'	42Un2639 IF-B
Ute Tribal 35-113	T8S, R20E, S.35 SE/SW	Pipeline 450' Access Route 700'	None
Archee 1-117	T9S, R20E, S.1 NW/NE	Pipeline 2500' Access Route 3300'	None
Archee 1-118	T9S, R20E, S.1 NW/SE	Access/Pipeline 1300'	42Un2635 42Un2636, IF-A
Tribal 2-119	T9S, R20E, S.2 NE/NE	Access/Pipeline 1500' Access Route 3900' Pipeline 3600'	None

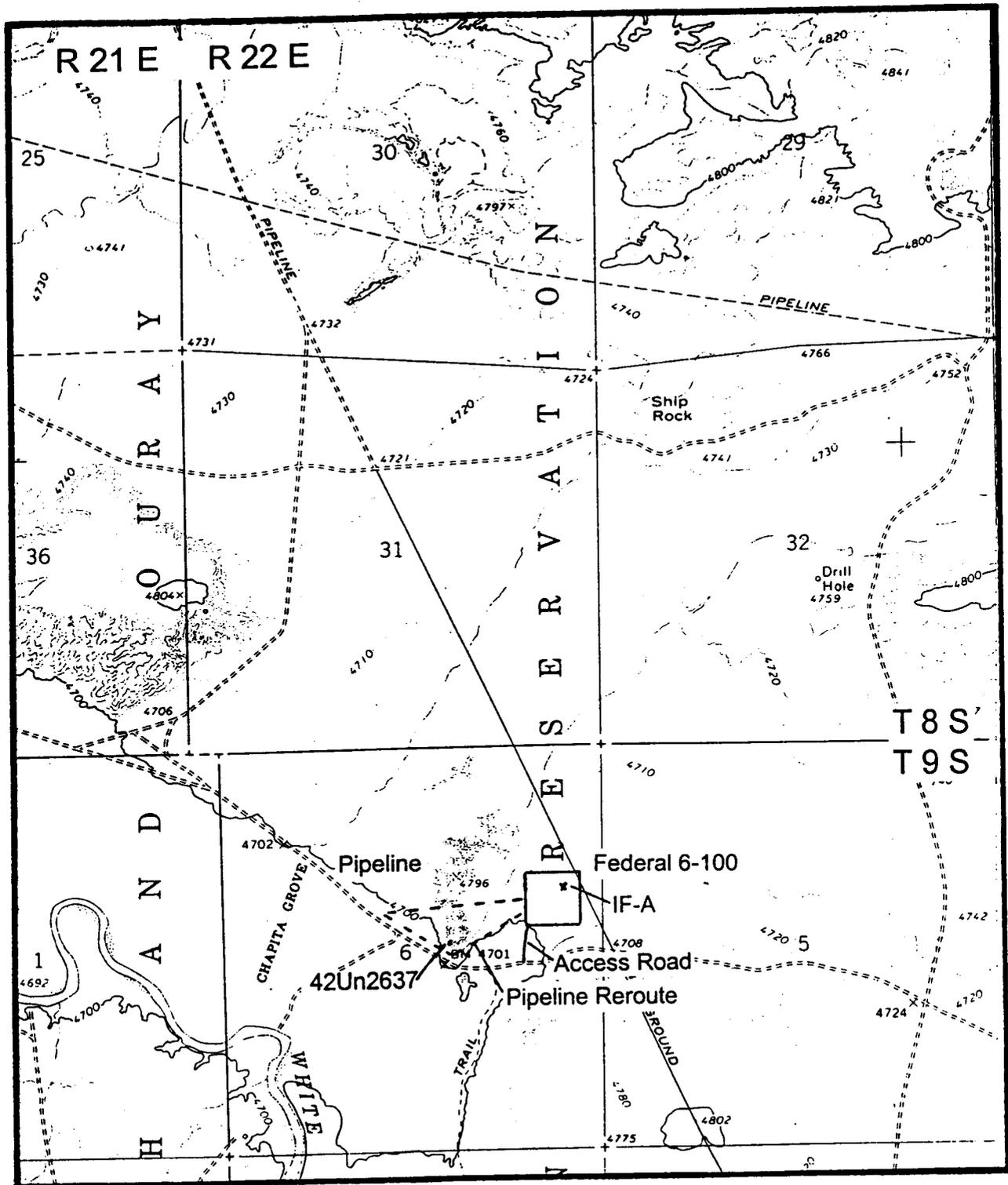


Figure 1. Inventory Area of Coastal Oil and Gas Corporation's Ouray Field Federal 6-100 Location with Cultural Resources, Uintah County, UT. USGS 7.5' Red Wash SW, UT 1968. Scale 1:24000.

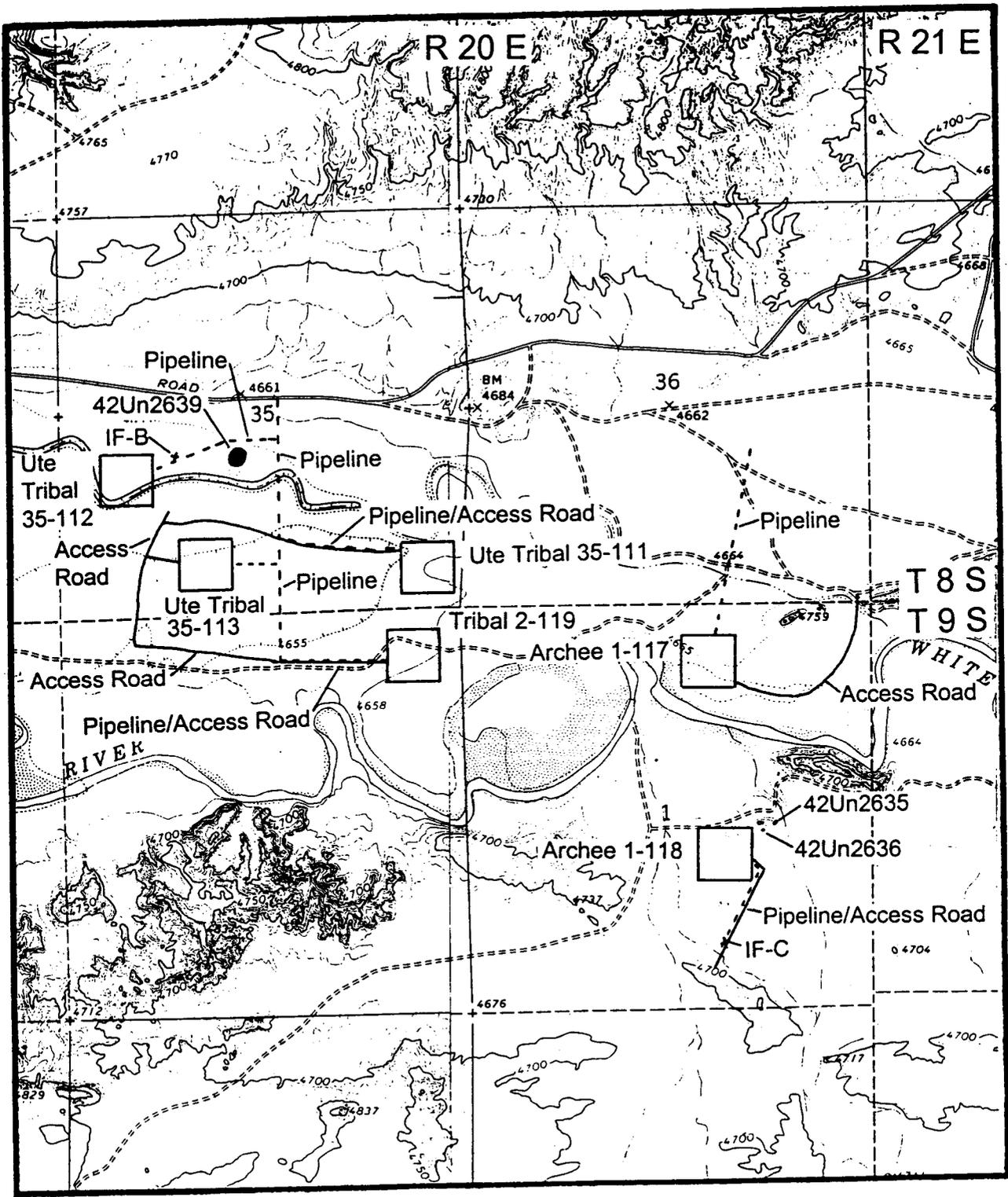


Figure 2. Inventory Area of Coastal Oil and Gas Corporation's Ouray Field Ute Tribal 35-111, 35-112 and 35-113; Archee 1-117 and 1-118; and Tribal 2-119 Locations with Cultural Resources, Uintah County, UT. USGS 7.5' Ouray , UT 1964 and Ouray SE, UT 1964. Scale 1:24000.

## 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 characterized by the exploitation of big game fauna. The presence of Paleoindian hunters in the Uinta Basin region is implied 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 3000 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. The Middle Archaic period (ca. 3000 to 500 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. The Late Archaic period (ca. 500 B.C. to A.D. 550) in the Uinta Basin is 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.

The Formative stage (A.D. 500-1300) is recognized in the area by 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 Protohistoric Utes were hunter and gatherers whom exploited various fauna and flora resources. According to macrobotanical and faunal data from dated components deer, elk, pronghorn, bison, and small game were acquired (Reed 1994:191). Plant materials thought to have been exploited for food include goosefoot, grass seeds, pinyon nuts, juniper berries, squawbush berries and leaves, hackberry seeds and possibly saltbush seeds, knotweed, chokecherry, and chickweed (Ibid 191). The cultural history of the Eastern Ute, comprising the bands living east of the Green River, has been divided into four phases (Reed 1988). The earliest and most tenuous phase is the Chipeta Phase, dated between ca. 1250 and 1400. Diagnostic artifacts include Desert Side-notched, Cottonwood Triangular, and small corner-notched arrow points and possibly Shoshonean knives. The Canalla phase (ca. A.D. 1400-1650) designates the period between the appearance of well-dated Uncompahgre brown ware ceramics and the adoption of an equestrian lifeway. Diagnostic artifacts include Uncompahgre Brown Ware ceramics, Desert Side-notched and Cottonwood Triangular points, and Shoshonean knives. The pedestrian hunter and gatherers probably lived in wickiups. Near the end of the phase, some groups may have obtained trade items from Spanish settlements in New Mexico (Horn, Reed, and Chandler 1994:131). The Antero phase (ca. A.D. 1650-1881) represents a shift to a fully equestrian lifestyle and integration of Euroamerican trade goods into Ute material culture. The horse permitted hunting of bison on the Plains and led to an increase in the importance of raiding for economic gain (Ibid 131). Euroamerican trade goods became important, and tepees as well as wickiups were inhabited.

The early Utes in Uintah County were Uinta-ats, a small band of a few hundred members (Burton 1996:20). In pre-horse days, Ute family groups lived largely independently of others with key gathering, hunting, and fishing sites being communal and granted to all, within both the local and extralocal Ute communities (Ibid 340). According to Smith's (1974) informants both deer and buffalo were important game for the White River Ute band. Before the buffalo became extinct in the Uintah Basin in the 1830s, the Ute would make trips northeast of Fort Bridger in the vicinity of what is now Rock Springs and Green River, Wyoming using the horse to surround and drive the buffalo over a precipice (Smith 1974; Callaway, Janetski, and Stewart 1986). All Ute groups made tripod or conical houses with a three or four-pole foundation and a circular ground plan some 10-

15 feet in diameter with covering brush or bark and cooking or heating fires in shallow pits both inside and outside of the huts. Prior to acculturation and the Peyote religion, the Eastern Ute practiced two complementary forms of religious beliefs and behavior. One was directed toward personal success and survival through the acquisition of supernatural powers, while the other was designed for the welfare of the community and of nature. Ceremonies performed by the Ute to ward off impending, prophesied disasters were led by persons with supernatural powers and included the Bear Dance, Sun Dance (or thirsty dance), and for a short time the Ghost Dance. The Sun Dance and Bear Dance were of upmost importance in the health and continuance of Ute society, one a formal affirmation of faith and promise of hope, the other, a time for festivity and opportunity to establish and renew social ties (Callaway, Janetski, and Stewart 1986:353). The Eastern Utes were introduced to the Ghost Dance around 1870 when various groups joined with the Bannock and Northern Shoshone in Bridge Basin, and later in Bear Lake Valley (Conetah 1982). This new religion promised a solution to problems faced by Indians through supernatural means, rather than through war or retreat by avowing that the spirits of the dead would again reside upon this earth and change it into a paradise (Conetah 1982:91).

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 1986:18-19). In the 1880 treaty council the White River Utes, who had participated in the Meeker Massacre, were forced to sell all their land in Colorado and were moved under armed escort to live on the Uintah Reservation (Callaway, Janetski, and Stewart 1986:339). 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 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, erected across the river from where the first military post, Fort Thornburgh was located. The infantry who participated in the relocation of the Colorado Indians ensured that the Uncompahgre and White River Utes remained on the two reservations (Burton 1996:28). The Dawes Severalty Act of 1887, opened the reservation to mineral exploration. When gilsonite was discovered in the Uintah Basin in the late 1800s, Congress was persuaded to apportion 7,040 acres from the reservation so the mineral could be mined. In 1902-1903 Congress enacted a series of laws to break up the Uintah Reservation and apportion lands to the Ute people. In spite of Ute Indian opposition, the government opened the Uintah Reservation which resulted in a million acres of land set aside as the Uinta National Forest and the rest allotted for homestead or sale (Conetah 1982:126). By 1969, two-thirds of all the original allotments in Utah had been sold to non-Indians or through repurchase by the tribe. Of the 38,000 allotment acres that had not been alienated 97 percent were tied up in heirship status disputes (Callaway et al. 1986:357).

## SURVEY METHODOLOGY

The archaeologists were accompanied to the field by Alvin Ignacio, Oil and Gas Technician, Energy & Minerals Resources Department, Ute Indian Tribe. An intensive pedestrian survey was performed for this project which is considered 100% coverage. At the seven proposed well locations, a 10 acre square was defined, centered on the well pad center stake. The interior of the well locations was examined for cultural resources by the archaeologists walking parallel transects spaced no more than 10 meters apart. An 100 foot wide corridor was inventoried along the access or pipeline routes, and a wider corridor (150 foot) was inspected along the access/pipeline routes. Modern disturbances include livestock grazing, agricultural fields, roads, and oil/gas development. A total of 67.4 acres was inventoried which included 47.5 acres on Ute Tribal lands and 19.9 acres situated on private property.

## INVENTORY RESULTS

The inventory of the Ouray Field seven proposed well Locations resulted in the documentation of four new prehistoric sites (42Un2635, 42Un2636, 42Un2637 and 42Un2639), and three isolated finds of artifacts (IF-A through IF-C). No paleontological localities were identified.

### Archaeological Sites

Smithsonian Site No.: 42Un2635  
Temporary Site No.: MOAC 435-1  
Legal Description: T 9S, R 20E, Sec. 1 NW/NE/SE  
NRHP Evaluation: Not Eligible

Description: This is a limited activity lithic scatter of unknown temporal affiliation. The site is situated around the base of a sandstone knoll within the White River floodplain, and measures 35 meters in diameter (Figure 3). The cultural materials consist of a low density lithic scatter situated on stable alluvial deposition with a cover of cobbles. The lithic debitage consists of only two secondary flakes manufactured from local mudstone and quartzite. Diagnostic implements include four hammerstones, three cores, and a single handed mano all manufactured from local materials. No cultural features were found and the site lacks potential for additional subsurface cultural remains.

Smithsonian Site No.: 42Un2636  
Temporary Site No.: MOAC 435-2  
Legal Description: T 9S, R 20E, Sec. 1 NE/NW/SE  
NRHP Evaluation: Eligible

Description: This is a petroglyph panel situated on a sandstone knoll, south of the White River. The site measures 37 m north-south by 38 m east west (Figure 4). The site consists of three anthropomorphs and a small quadruped pecked on a west facing boulder.

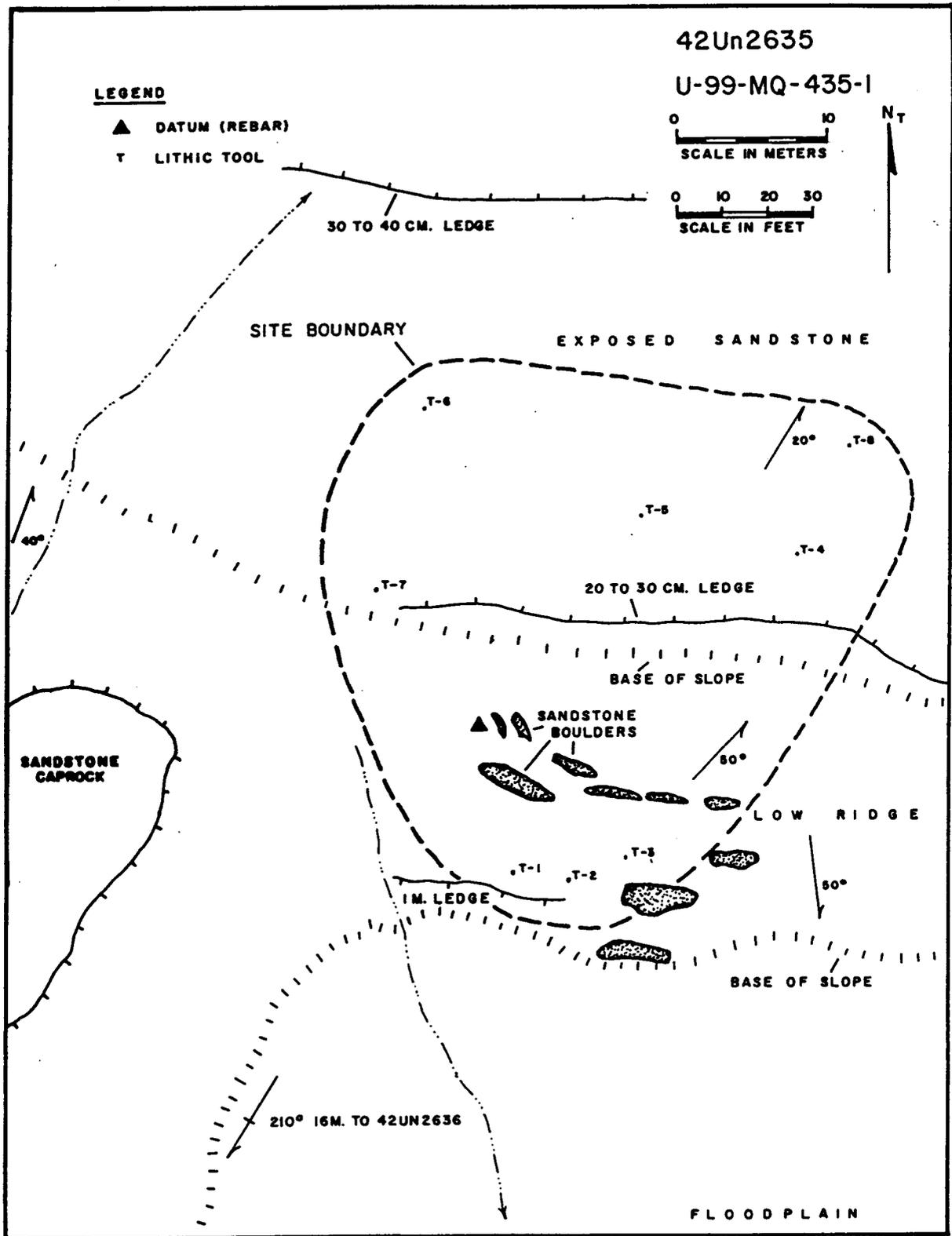


Figure 3. 42Un2635 Site Map.

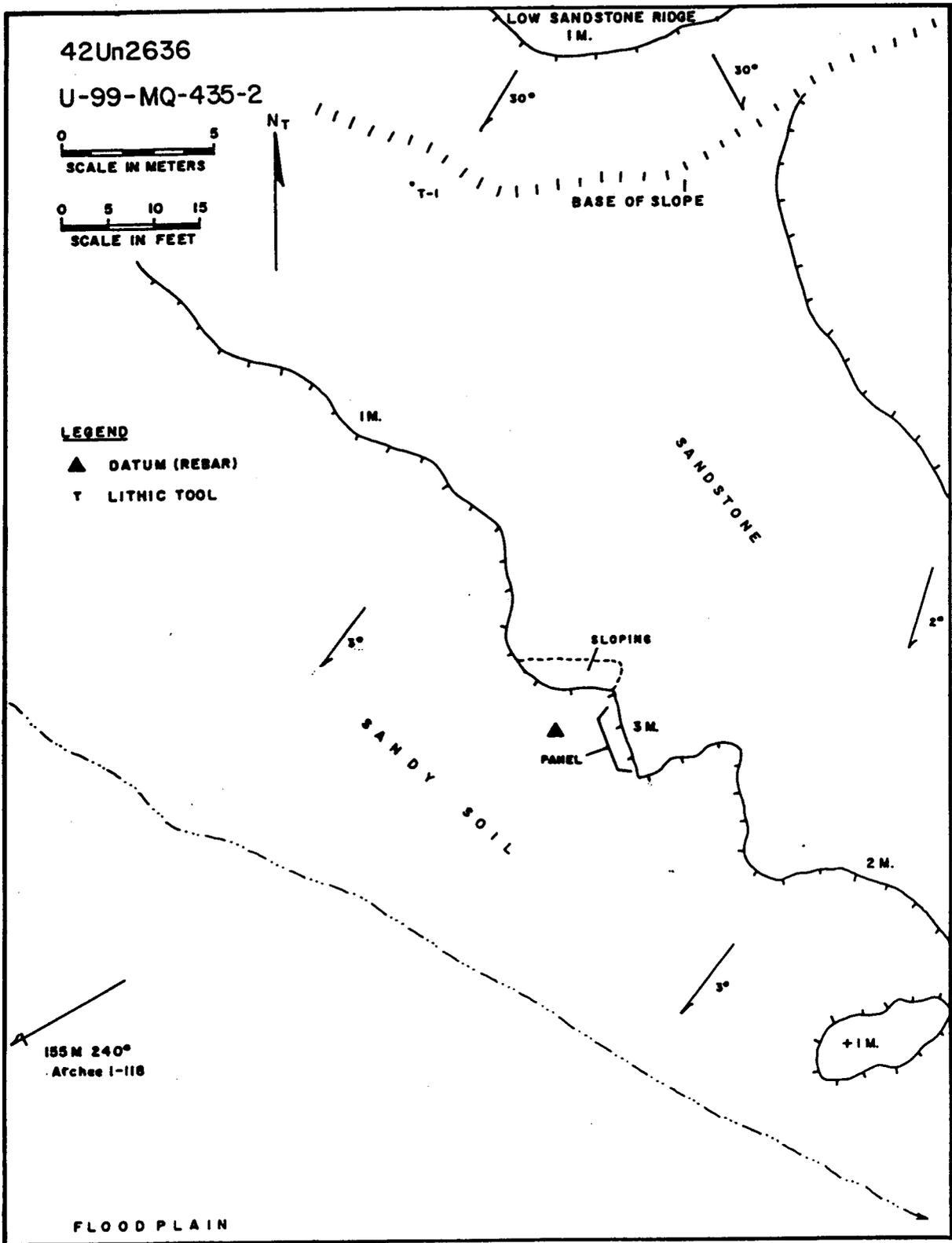


Figure 4. 42Un2636 Site Map.

All of the figures are faint due to repatination, and appear to be contemporaneous. Figure 1 is a solid pecked anthropomorph with rounded arms and two short horns. The lower torso forms a circle, lacking identifiable appendages. Figure 2 is an elongated anthropomorph exhibiting two downward curving arms, one of which holds an oval element; straight immobile legs; and two short straight horns. At the junction of the head and torso is a curved pecked line of undetermined function. Figure 3 is a solid pecked quadruped (canine-like) which appears associated with Figure 4. The zoomorph displays a blocky torso with an upward curving tail, upright ears, and four long legs. Below its neck is an outline of a small circle. Figure 4 is the tallest solidly pecked anthropomorph exhibiting an elongated torso, which tapers slightly toward the base; curved arms ending in three fingers; short legs terminating in three toes; and an ovoid head with two curved horns. This figure has zoomorphic attributes (three toes), and may also represent a male evidenced by "genitalia". Overall, this panel displays a somewhat supernatural thematic composition with stylistic similarities to Archaic and Formative Stage rock art in the basin (Cole 1990:66,187).

Smithsonian Site No.: 42Un2637  
Temporary Site No.: MOAC 435-3  
Legal Description: T 9S, R 22E, Sec. 6 SW/SW/NE  
NRHP Evaluation: Eligible

Description: This site is a prehistoric and historic component rock art site located along the west side of a north-south trending, low gravel-capped ridge. The site measures 45 m north-south by 30 m east-west (Figure 5). The prehistoric petroglyph (Panel 1) is a zigzag line executed on the vertical face of a sandstone cap of a low ridge. The panel is situated approximately 7 meters above the floodplain. The line extends horizontally about 75 cm and measures 25 cm in height. Starting from left to right, the design appears to be three inverted letter "V"s joined together. The prehistoric abstract petroglyph is of unknown temporal affiliation, since it is an element represented in a range of rock art traditions. The modern panels are scratched outline portraits of women executed on separate boulders at the base of a low ridge. Panel 1 is a scratched portrait of a woman's face which measures 15 cms high by 17 cms wide. Panel 2 is the scratched outline of a nude woman's profile, measuring about 44 cms by 12 cms.

Smithsonian Site No.: 42Un2639  
Temporary Site No.: MOAC 435-4  
Legal Description: T 8S, T 20E, Section 35 NE/NE/SW  
NRHP Evaluation: Eligible

Description: This is an early 20<sup>th</sup> century Ute temporary habitation located between the historic Watson Road and White River. The site lies on a low sandy ridge and extends 66 m north-south by 72 m east-west (Figure 6). The site appears to have accommodated temporary shelters (e.g., tents) based on a tent stake and stove parts. The material culture consists of mainly household items including tin cans, glass bottles and decorative vessels, and ceramic vessels. Other domestic items include portions of cast iron stoves, leather shoes, buttons, suspender buckle, and nails. Identifiable cultural features include a probable stove platform (Feature 1) and remnants of an outdoor hearth (Feature 2). Other subsistence-related debris include a butchered sheep metapodial. The site lies in sandy deposition with additional potential for subsurface cultural remains.

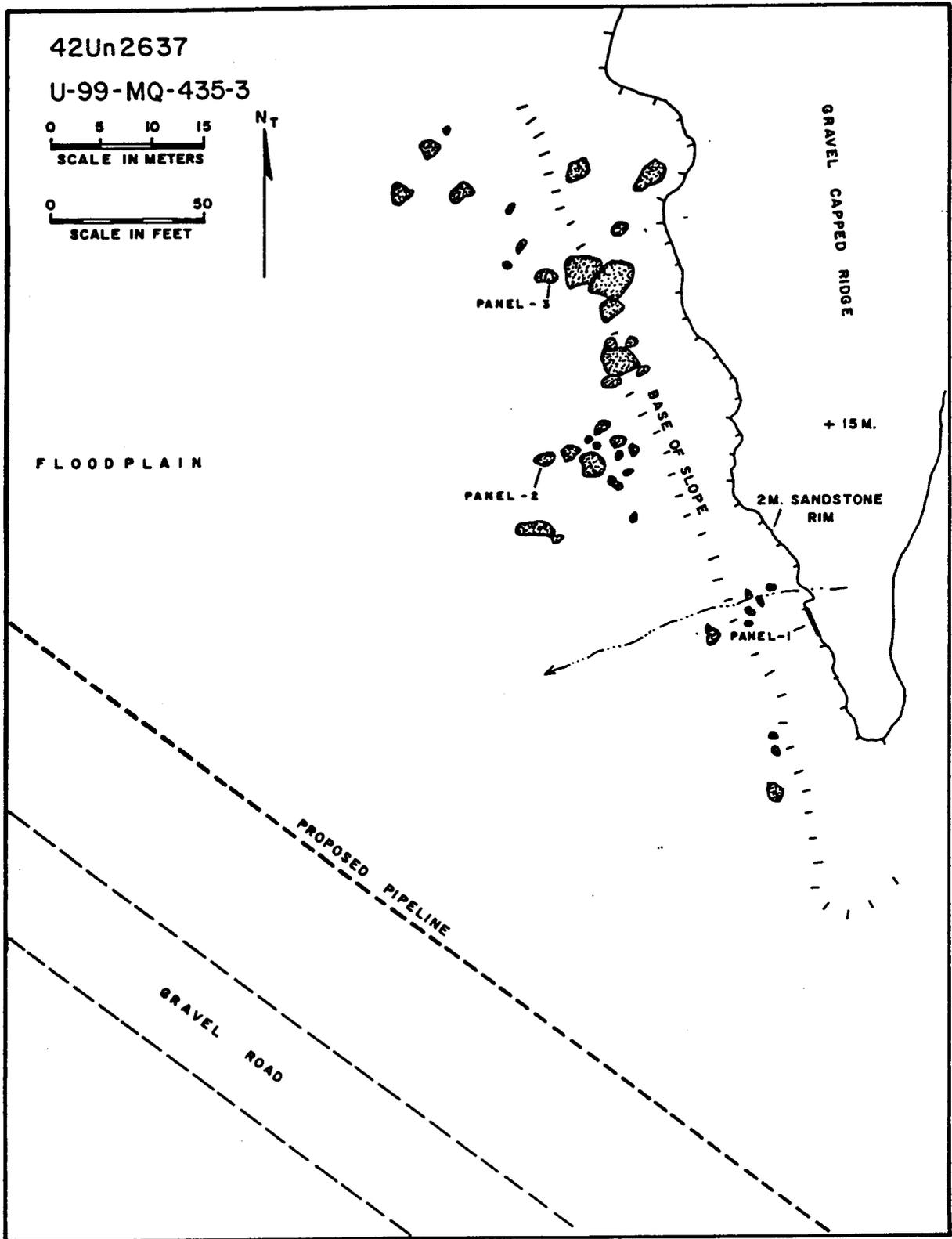


Figure 5. 42Un2637 Site Map.

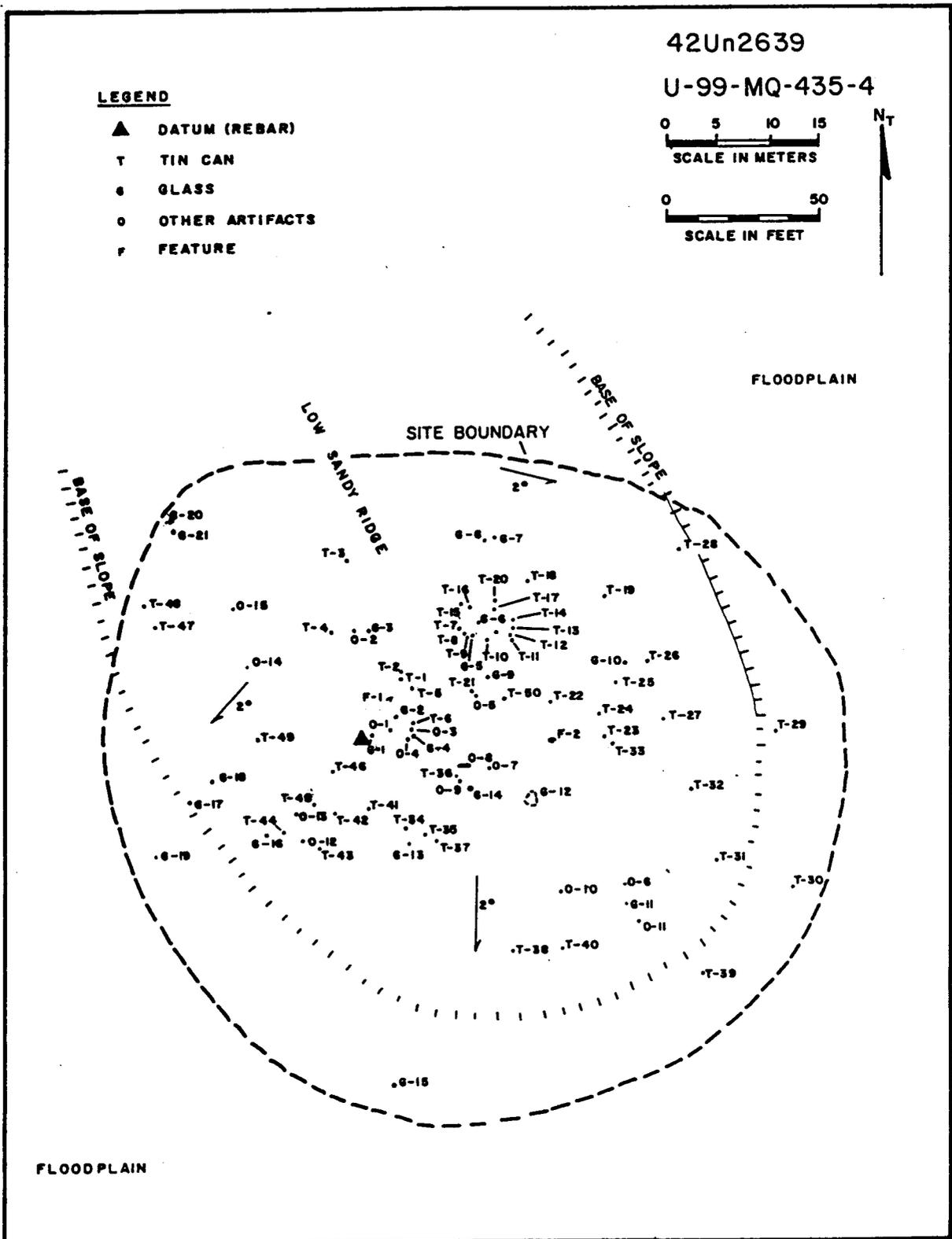


Figure 6. 42Un2639 Site Map.

### Isolated Finds of Artifacts

Isolated Find A (IF-A) is situated in the NE/SE/NE of S. 6, T9S, R22E (UTM 630100E-4436140N), Figure 1. It is a purple/gray chert unprepared core with 5 flakes removed from a wide margins. It measures 7 cm x 5 cm x 4 cm.

Isolated Find B (IF-B) is located in the NE/NE/SW S. 35, T8S, R20E (UTM 616120E-4437060N), Figure 2. It consists of 2 purple glass body fragments and the base of a green bottle.

Isolated Find C (IF-C) is situated in the NW/SW/SE S. 1, T9S, R20E (UTM 618380E-4435100N), Figure 2. This is a white opaque glass jar with the trademark "Mentholatum" on the bottom of the jar.

### 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, 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 resulted in the documentation of four new prehistoric sites (42Un2635, 42Un2636, 42Un2637 and 42Un2639). 42Un2635 is a limited activity lithic scatter containing two pieces of debitage, chipped stone tools, and a ground stone implement. The site lack temporal indicators and features, and retains no potential for subsurface cultural remains. It is determined not eligible to the NRHP, due to its lack of additional research potential.

Site 42Un2636 is a prehistoric petroglyph panel which appears to represent a contemporaneous thematic composition with stylistic attributes similar to the Archaic and Fremont cultural groups. The site is considered eligible to the NRHP under Criterion (c), since it embodies the distinctive characteristics of a type, period, and method of construction that represents the work of the Fremont or Archaic cultural groups. It also significant under Criterion (d), based on the potential for providing additional research potential. The site area has some depth potential which could yield additional subsurface cultural remains. Site 42Un2637 represents both historic (out-of-period) and prehistoric (unknown temporal affiliation) rock art. The site is deemed eligible to the NRHP under Criterion (d) based on its potential for additional research potential. In particular the depositional environment associated with the prehistoric petroglyph has potential for buried cultural materials which could provide temporal data relating to this rock art component.

Site 42Un2639 is an early 20<sup>th</sup> century Ute temporary camp containing an array of domestic artifacts as well as remnants of possible features. The site is evaluated as eligible for consideration to the NRHP based on Criterion (d). Additional research could yield information pertaining to a variety of research topics concerning site function, subsistence strategies, and settlement patterns.

The three prehistoric isolated finds of artifacts (IF-A through IF-C) represent ephemeral prehistoric and historic activities across the area and are considered not eligible for consideration to the NRHP.

## MANAGEMENT RECOMMENDATIONS

The inventory of Coastal Oil & Gas Corporation's Ouray Field seven well locations resulted in the documentation of three prehistoric archaeological sites (42Un2635, 42Un2636, 42Un2637) and one historic campsite (42Un2639). In accordance with the Ute Tribe regulations all archaeological sites need to be avoided by the proposed undertakings.

1. Site 42Un2635 will be avoided since it lies 500 feet beyond proposed Well Location Archee 1-118.
2. Site 42Un2636 is situated 300 feet beyond proposed Well Location Archee 1-118, and will be avoided by the undertaking.
3. Site 42Un2637 will be avoided since it occurs 150 feet north of the pipeline (alternate) for proposed Well Location Federal 6-100.
4. Site 42Un2639 is situated 125 feet south of the proposed pipeline for Well Location Ute Tribal 35-112.

In addition, the following well locations situated in dense vegetation will require monitoring by an archaeologist: Ute Tribal 35-111, Archee 1-117, and Tribal 2-119. Furthermore the proposed lateral pipelines for Federal 6-100, Ute Tribal 35-111, Ute Tribal 35-112, Ute Tribal 35-113, Archee 1-117, Archee 1-118, and Tribal 2-119 well locations will require monitoring by an archaeologist.

Based on adherence to the above stipulations, a determination of "no adverse effect" is recommended for the project pursuant to Section 106, CFR 800.

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1994 *Cultural Resource Inventory of Two Proposed Gravel Pit Locations for the Glen Bench Road, Uintah-Ouray Ute Reservation, Uintah County, Utah*. An Independent Archaeologist. Report No. U-94-AY-394.

**APPENDIX A**

**SITES 42Un2635, 42Un2636, 42Un2637 and 42Un2639  
INTERMOUNTAIN ANTIQUITIES COMPUTER SYSTEM (IMACS) SITE FORMS**

**On File At:**

**Utah Division of State History  
Salt Lake City, Utah**

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/12/1999

API NO. ASSIGNED: 43-047-33401

WELL NAME: FEDERAL 6-100  
 OPERATOR: COASTAL OIL & GAS CORP (N0230)  
 CONTACT: Cheryl Cameron (435) 781-7023

PROPOSED LOCATION:  
 SENE 06 - T09S - R22E  
 SURFACE: 2081-FNL-0660-FEL  
 BOTTOM: 2081-FNL-0660-FEL  
 UINTAH COUNTY  
 NATURAL BUTTES FIELD (630)

INSPECT LOCATN BY: / /		
TECH REVIEW	Initials	Date
Engineering	<i>JK</i>	10-14-99
Geology		
Surface		

*oil shale only*

LEASE TYPE: FED  
 LEASE NUMBER: U-49531  
 SURFACE OWNER: Ute Tribe

PROPOSED FORMATION: MVRD

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed  Ind  Sta  Fee (No. U-605382-9)
- Potash (Y/N)
- Oil Shale (Y/N) \*190-5(B)
- Water Permit (No. 43-8496)
- RDCC Review (Y/N) (Date: \_\_\_\_\_)
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

- R649-2-3. Unit \_\_\_\_\_
- R649-3-2. General Siting: \_\_\_\_\_
- R649-3-3. Exception
- Drilling Unit  
 Board Cause No: 173-13 (8/320')  
 Eff Date: 3-24-99  
 Siting: 400' fr. unit boundary & 920' between wells.
- R649-3-11. Directional Drill

COMMENTS: Cement to Surface

STIPULATIONS: ① In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rule R649-3-31 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing in 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.

② FEDERAL APPROVAL



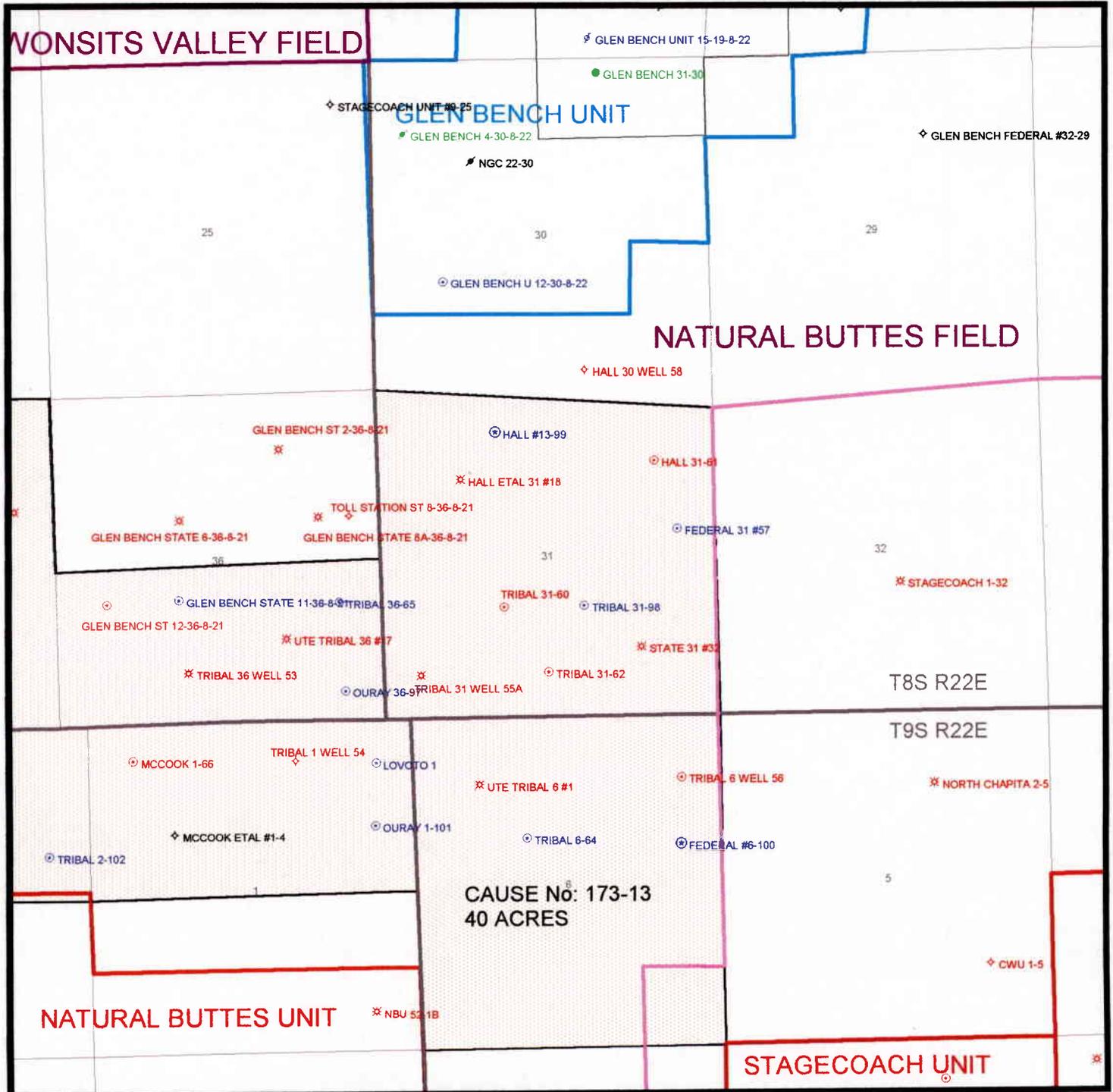
Division of Oil, Gas & Mining

OPERATOR: COASTAL OIL & GAS CORP (N0230)

FIELD: NATURAL BUTTES (630)

SEC. 31, T8S, R22E & SEC 6, T9S, R22E

COUNTY: UINTAH CAUSE No: 173-13 40 ACRES



PREPARED  
DATE: 13-OCT-1999



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)

October 14, 1999

Coastal Oil & Gas Corporation  
P.O. Box 1148  
Vernal, Utah 84078

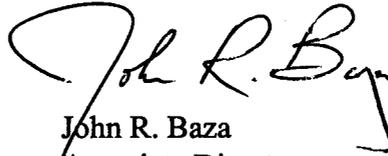
Re: Federal 6-100 Well, 2081' FNL, 660' FEL, SE NE, Sec. 6, T. 9 S., R. 22 E., Uintah  
County, Utah

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 43-047-33401.

Sincerely,

  
John R. Baza  
Associate Director

lwp

Enclosures

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

**Operator:** Coastal Oil & Gas Corporation  
**Well Name & Number:** Federal 6-100  
**API Number:** 43-047-33401  
**Lease:** Federal                      **Surface Owner:** Ute Tribe  
**Location:** SE NE                      **Sec.** 6    **T.** 9 S.    **R.** 22 E.

### 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 or Robert Krueger at (801) 538-5274.

3. Reporting Requirements

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

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

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**SUBMIT IN TRIPPLICATE\***  
(Other instructions on reverse side)

**FORM APPROVED  
OMB NO. 1004-0136  
Expires: February 28, 1995**

**APPLICATION FOR PERMIT TO DRILL OR DEEPEN**

1a. TYPE OF WORK  
**DRILL**       **DEEPEN**

b. TYPE OF WELL  
 OIL WELL       GAS WELL       OTHER       SINGLE ZONE       MULTIPLE ZONE

2. NAME OF OPERATOR  
**Coastal Oil & Gas Corporation**

3. ADDRESS AND TELEPHONE NO.  
**P.O. Box 1148, Vernal UT 84078 (435)781-7023**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. \*)  
 At surface  
**SE/NE**  
 At proposed prod. zone  
**2081' FNL & 660' FEL**

5. LEASE DESIGNATION AND SERIAL NO.  
**U- 49531**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**N/A**

7. UNIT AGREEMENT NAME  
**CR-12**

8. FARM OR LEASE NAME, WELL NO.  
**Federal #6-100**

9. API WELL NO.

10. FIELD AND POOL, OR WILDCAT  
**Ouray**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Sec. 6, T9S, R22E**

12. COUNTY OR PARISH  
**Uintah**

13. STATE  
**UT**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**11.95 miles to Ouray, UT**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) **660'**

16. NO. OF ACRES IN LEASE  
**82.65**

17. NO. OF ACRES ASSIGNED TO THIS WELL  
**82.65**

18. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. **Refer to Topo C**

19. PROPOSED DEPTH  
**8800'**

20. ROTARY OR CABLE TOOLS  
**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**4703.6' GR**

22. APPROX. DATE WORK WILL START\*  
**Upon Approval**

*RECEIVED*  
**OCT 12 1999**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See Attached	Drilling Program			

Coastal Oil & Gas Corporation is considered to be the operator of the subject well. Coastal Oil & Gas Corporation agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for the lease activities is being provided by Coastal Oil & Gas Corporation Bond #102103, BLM Nationwide Bond #U-605382-9, and BIA Nationwide Bond #114066-A.

**RECEIVED**  
**JAN 31 2000**

**DIVISION OF  
OIL, GAS AND MINING**

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new gas stipple zone. If to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. *Cheryl Cameron*      **Cheryl Cameron**  
SIGNED      TITLE **Environmental Analyst**      DATE **9/14/99**

(This space for Federal or State office use)  
**NOTICE OF APPROVAL**      **CONDITIONS OF APPROVAL ATTACHED**

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
CONDITIONS OF APPROVAL, IF ANY:  
  
APPROVED BY *Edward R. Chavez*      **Assistant Field Manager**  
TITLE **Mineral Resources**      DATE **1-27-00**  
**\*See Instructions On Reverse Side**

Title 18 U.S.C. Section 1001, makes 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.

*DOGM*  
*COMPLIANCE*

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Coastal Oil & Gas Corporation

Well Name & Number: Fed. 6-100

API Number: 43-047-33401

Lease Number: U-49531

Location: SENE Sec. 06 T. 09S R. 22E

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.

As a minimum, the usable water and oil shale 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 usable water zone identified at **± 611 ft.** or by setting the surface casing at **± 666 ft.** If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

A cement bond log (CBL) will be run from the production casing shoe to **TOP OF CEMENT** if the surface casing is set at **± 666 ft.** or it will be run to **Surface** if the surface casing is set at **± 450 ft.** and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

**SURFACE USE PROGRAM  
Conditions of Approval (COAs)**

The Ute Tribe Energy and Mineral Department is to be notified 48 hours in writing in advance of any construction activity. The Ute Tribal office days are Monday through Thursday. The Ute Tribe Energy and Minerals Department is to be notified in writing of any changes that are made to the original application and ROW. Approved changes will be provided in writing from the Ute Tribe. The Tribal Technician shall be notified and monitor backfilling of reserve pits and buried pipelines.

During construction of the flowline operations shall be monitored by a qualified archaeologist and by the Tribal Technician. This flowline is near an archaeological site.

Sixty foot wide Rights-Of-Way (ROWs) corridor shall be granted for the following:

Access roads which shall have constructed travel width limited to 18 feet, except as granted for sharp curves or intersections or where deep cuts are required for road construction. The new access will be about 662 feet in length. Culverts will be installed or extended where required and diversion ditches will be placed as needed to improve the proposed roads.

A surface steel production flowline is planned for this project. The flowline shall be about 2450 feet in length as shown in Map D of the APD October 12, 1999. The flowline and access road do not coincide for this project. Of the flowline route about 843 feet is new right-of-way and the remaining 1607 feet would follow and be adjacent to existing roads.

Surface pipelines will be constructed to lay on the soil surface, and the ROW for the pipeline will not be bladed or cleared of vegetation without site specific authorization from BIA.

Where surface pipelines do not parallel roads but cross country between stations. The line shall either be welded in place at a welding station located at the wellsite or on roads near the flowline right of way and then dragged into place with a suitable piece of equipment so it will not destroy the natural vegetation. If the flowline doesn't follow existing and APD proposed new access roads then traffic shall be restricted along pipeline ROWs so that they will not be used as an access road.

Buried flowlines shall be a minimum of four feet below the surface. After the construction of the pipeline is completed the disturbed area of the ROW shall be contoured to blend into the natural landscape, and it shall be reseeded with desirable vegetation. Between September 15 and November 1 of the year following pipeline construction of the buried line all disturbed areas shall be reseeded with perennial vegetation according to BIA, or to Ute Tribe specifications.

The pad will be built as indicated in the APD layout diagram. If the well is a dry hole, the BIA shall be consulted for reclamation requirements. The pad shall in this case be restored and reshaped to its natural contours.

Coastal will assure the Ute Tribe that any/all contractors and subcontractors have acquired a current 2000 Tribal Business License and have access permits prior to construction.

Coastal employees, representatives, and subcontractors shall not carry firearms on their person or in their vehicles while working on the Uintah and Ouray Indian Reservation.

Coastal employees and/or authorized personnel (subcontractors) in the field will have applicable APD's and/or ROW permits/authorizations on their person(s) during all phases of construction.

All vehicular traffic, personnel movement, construction, and restoration activities shall be confined to the areas examined, as referenced in report, and to the existing roadways and/or evaluated access routes.

All personnel should refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area. The Ute Tribe Energy & Mineral Department shall be consulted if cultural remains (including paleontology fossils) from subsurface deposits are exposed or identified during construction or if the need arises to relocate or otherwise alter the location of the construction area. Prior to commencing constructing in the area where cultural resources are exposed the operator must obtain authorization from the BIA and the Ute Tribal Department of Cultural Rights and Protection.

Before the site is abandoned, the company will be required to restore the well site and ROWs to near their original state. The disturbed areas will be reseeded with desirable perennial vegetation.

Noxious weeds will be controlled on the well site and rights-of-way. If noxious weeds spread from the project area onto adjoining land, the company will also be responsible for their control.

When the reserve pit is dug: if groundwater is encountered then the pit bottom will be placed one foot above the water level. The pit will then be elongated and widened to maintain its original capacity. The Ute Tribe Energy and Minerals Department will be notified of the changes to be made so that a Tribal Technician can monitor the construction of the revised reserve pit.

Reserve pits will be lined with impervious synthetic liners. Liners will be constructed to lay under the mud tanks, and they will be reinforced to prevent the liner from developing holes where fluids flow from the mud tank into the reserve pit. Liners will be at least 10-mil thick minimum. Pits will be fenced and fences will be maintained as described in Coastal's Standard Operating Procedures for their APD's in the Natural Buttes Unit. Prior to backfilling the reserve pit all fluids will be pumped from the pit into trucks and hauled to approved disposal sites. When the pits are backfilled, the surplus oil and mud etc. will be buried a minimum depth of 4.0 feet below the surface of the soil.

A closed production system will be used. Production fluids will be contained in leak proof tanks. Low profile tanks may be used to minimize problems with irrigation systems. All production fluids will be disposed of at approved disposal sites. The indiscriminate dumping of production fluids on roads, wellsites or other areas will not be allowed.

Upon completion of the project approved under this Application for Permit to Drill and Right-of-way, the Ute Tribe Energy & Minerals Resources Department will be notified by Coastal Oil and Gas Company so that a Tribal Technician can verify Affidavit of Completion's.

OPERATOR Coastal Oil & Gas Corp  
ADDRESS 13168 So 1200 E  
Urrual, Ut 84078

OPERATOR ACCT. NO. 11

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	APT NUMBER	WELL NAME	WELL LOCATION				SPUD DATE	EFFECTIVE DATE	
					QQ	SC	TP	RG			COUNTY
B		2900	43-047-33031	Lique 231	SENE	7	95	R21E	Uintah	2/19/00	2/19/00
WELL 1 COMMENTS: Entity added 3/9/00 Jim 2.											
<b>CONFIDENTIAL</b>											
B		2900	43-047-32930	Lique 216	SENE	15	95	R21E	Uintah	2/16/00	2/16/00
WELL 2 COMMENTS: Entity added 3/9/00 Jim 2. 12695											
<b>CONFIDENTIAL</b>											
A	99999	<del>99999</del>	43-047-33401	Federal 6-100	SENE	6	795	R22E	Uintah	2/19/00	2/19/00
WELL 3 COMMENTS: 000310 entity added - Jim 2.											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

- ACTION CODES** (See Instructions on back of form)
- A - Establish new entity for new well (single well only)
  - B - Add new well to existing entity (group or unit well)
  - C - Re-assign well from one existing entity to another existing entity
  - D - Re-assign well from one existing entity to a new entity
  - E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

Dave Law  
Signature  
Environmental Analyst  
Title  
2/21/00  
Date  
Phone No. 435 781-7022

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.*

5. Lease Serial No.

U- 49531

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA/Agreement, Name and/or No.  
CR-12

8. Well Name and No.

Federal #6-100

9. API Well No.

43-047-33401

10. Field and Pool, or Exploratory Area  
Ouray

11. County or Parish, State

Uintah UT

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

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

Coastal Oil & Gas Corporation

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)

SE/NE Sec. 6, T9S, R22E  
2081' FNL & 660' FEL

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent

Subsequent Report

Final Abandonment Notice

Acidize

Alter Casing

Casing Repair

Change Plans

Convert to Injection

Deepen

Fracture Treat

New Construction

Plug and Abandon

Plug Back

Production (Start/Resume)

Reclamation

Recomplete

Temporarily Abandon

Water Disposal

Water Shut-Off

Well Integrity

Other Spud

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 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 recomplate 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 final site is ready for final inspection.)

MIRU Bill Martin Drilling. Drilled 12 1/4" hole to 475'. Ran 10 jts 8 5/8" 24# K-55 ST&C 8RD Csg. Cmt w/235 sks Class "V" Cmt w/2% CaCl2, 1/4#/sk Flocele, 15.6 ppg, 1.18 yield, 49.4 Bbls slurry. Drop plug. Displace w/26.3 Bbls H2O. Bump plug, Float not holding, pressure up to 250# SWI. Hole stayed full w/10 Bbls Cmt to pit.

Spud @ 10:00 a.m. on 2/19/00.

RECEIVED  
FEB 21 2000  
BUREAU OF LAND MANAGEMENT  
CUL, UTAH

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

Name (Printed/Typed)

Katy Dow

Title

Environmental Jr. Analyst

Date 2/21/00

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

5. Lease Serial No.  
**U- 49531**

6. If Indian, Allottee or Tribe Name  
**N/A**

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

7. If Unit or CA/Agreement, Name and/or No.  
**CR-12**

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
**Federal #6-100**

2. Name of Operator  
**Coastal Oil & Gas Corporation**

9. API Well No.  
**43-047-33401**

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

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

10. Field and Pool, or Exploratory Area  
**Ouray**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SE/NE Sec. 6, T9S, R22E  
2081' FNL & 660' FEL**

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 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>Drilling</u>	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Summary</u>	
	<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 final site is ready for final inspection.)

Finished drilling from 475' to 7300'. Ran 168 jts 5 1/2" 17# N-80 LT&C 8RD Csg. Cmt w/529 sks Premium Lite II w/ 3% KCL, 1/4#/sk Celloflake, 11 ppg, 3.44 yield, 324 Bbls slurry. Tail w/766 sks 50/50 Poz, 3% KCL, 1/4#/psk Celloflake, 14.5 ppg, 1.23 yield, 168 Bbls slurry. Drop plug. Displace w/ 168 Bbls filtered KCL, lost returns 106 Bbls into displacement. Bump plug. Float held. Rig released on 3/9/00.

**RECEIVED**

**MAR 13 2000**

**DIVISION OF  
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)  
**Katy Dow**

Title  
**Environmental Jr. Analyst**

Date **3/9/00**

**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

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**

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5. Lease Serial No.  
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7. If Unit or CA/Agreement, Name and/or No.  
CR-12

8. Well Name and No.  
Federal #6-100

9. API Well No.  
43-047-33401

10. Field and Pool, or Exploratory Area  
Ouray

11. County or Parish, State  
Uintah UT

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
Coastal Oil & Gas Corporation

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)  
SE/NE Sec. 6, T9S, R22E  
2081' FNL & 660' FEL

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

**TYPE OF SUBMISSION**

- Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

**TYPE OF ACTION**

- |   |   |  |   |
|---|---|--|---|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                     |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                     |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other <u>Completion</u> |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | <u>Report</u>   |
| <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 final site is ready for final inspection.)

Subject well placed on production on 3/18/00. Please refer to the attached Chronological Well History.

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APR 03 2000

DIVISION OF  
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Katy Dow

Title

Environmental Jr. Analyst

Date 3/28/00

**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, makes 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.

COASTAL OIL & GAS CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

**FEDERAL 6-100**

SE/NE SEC. 6, T9S, R22E

OURAY FIELD

UINTAH COUNTY, UT

WI: 100% AFE: 90167

PBTD: 7250' PERFS: 0

CSG: 5.5" / 17# @ 7300'

FORMATION: WAS

CWC(M\$): \$684,456

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DIVISION OF  
OIL, GAS AND MINING

**DRILL & COMPLETE**

Drilling: 02/20/00 - 03/09/00, Spud Date: 02/23/00

- 03/12/00 W.L. LOG WELL. ROAD EQUIP F/ THE NBU #274. MI & SPOT RIG, RU EQUIP. SHUT DN TILL MONDAY MORN, 03/13/00. LOG WELL SUNDAY (03/12/00) W/ SCHLUMBERGER W.L.S.  
(DAY 1) TC: \$0
- 03/13/00 RU RIG. MIRU SCHLUMBERGER W.L.S. RIH W/ GR-CCL-CBL LOGGING TOOLS. WLPBTD @ 7220'. LOG F/ PBTD W/ 1000 PSI ON CSG TO SURF. EST CMT TOP @ 660'. RIH W/ GR-CCL-CBL LOGGING TOOLS. LOG F/ PBTD TO SURF W/ NO PSI ON CSG. RIH W/ GR-CCL & SONIC NEUTRON LOGGING TOOLS. LOG F/ PBTD TO 4700' W/ NO PSI ON CSG. RDMO SCHLUMBERGER W.L.S. SDFD.  
(DAY 2) TC: \$13,204
- 03/14/00 PERF WASATCH.  
PROG: RU RIG. ND WH & NU BOP. RIH W/ 4 3/4" DRAG BIT TO PBTD @ 7252'. REVERSE CIRC W/ 165 BBLs 2% KCL. TESTED 5 1/2" CSG TO 5000# - OKAY. TESTED 5 1/2" X 8 5/8" TO 500#. BLED TO 0 PSI IN 30 SEC. WITH EOT @ 7252', PICKLED TBG W/ 3 BBLs 15% HCL. REVERSE TBG CLEAN. PUH TO 6533' & SPOT 12 BBLs 15% HCL F/ 6533' TO 6017'.  
(DAY 3) TC: \$22,088
- 03/15/00 PREP TO FRAC.  
PROG: PERF WASATCH F/ 6522' - 6528' 4 SPF, 24 HRS. 0 PRESS. BRK DN PERFS W/ 2100# @ 1 1/2 BPM. ISIP: 1220#.  
(DAY 4) TC: \$26,952
- 03/16/00 PREP TO DO CBP'S.  
PROG: BRK DN PERFS F/ 6522' - 6528' W/ 1428# @ 3.5 BPM. FRAC W/ 21000# 20/40 SD W/ 15% PROP NET. MTP: 2119#, ATP: 1687#, MTR: 16 BPM, ATR: 14.8 BPM. ISIP: 1552#, FG: 0.67, TL: 327 BBLs. SET CBP @ 6490'. PERF WASATCH F/ 6418' - 6428', 4 SPF, 40 HOLES. BRK DN W/ 2330# @ 3.4 BPM. FRAC W/ 25000# 20/40 W/ 15% PROP NET & YF 125 FLUID. MTP: 2454#, ATP: 1697#, MTR: 23.6 BPM, ATR: 14.2 BPM. ISIP: 1584#, FG: 0.68, TL: 370 BBLs. SET CBP @ 6270'. PERF WASATCH F/ 6134' - 6144', 4 SPF, 40 HOLES & 6068' - 6076', 4 SPF, 32 HOLES. BRK DN W/ 1240# @ 3.0 BPM & 1720# @ 22 BPM. FRAC W/ 62000# 20/40 SD W/ 15% PROP NET. ISIP: 1280#. MTP: 1955#, ATP: 1405#, MTR: 34 BPM, ATR: 31.7 BPM. FG: 0.64, TL: 661 BBLs. SET @ 5823'. PERF WASATCH F/ 5744' - 5748', 4 SPF, 16 HOLES; 5721' - 5725', 4 SPF, 16 HOLES; & 5648' - 5656', 4 SPF, 32 HOLES. BRK DN W/ 1620# @ 3 BPM. FRAC W/ 42000# 20/40 SD W/ 15% PROP NET & YF 125 FLUID. ISIP: 2133#. MTP: 3012#, ATP: 2036#, MTR: 34.5 BPM, ATR: 31.1 BPM, FG: 0.80, TL: 487 BBLs. SET CBP @ 5480'. PERF WASATCH F/ 5374' - 5384', 4 SPF, 40 HOLES. BRK DN W/ 3332# @ 3.0 BPM. FRAC W/ 29,920# 20/40 SD W/ 15% PROP NET. MTP: 3332#, ATP: 2617#, MTR: 16 BPM, ATR: 15.5 BPM. ISIP: 2934#. FG: 0.97, TL: 391 BBLs. SET CBP @ 5300'. RIH W/ 4 3/4" BIT TO 5100'.  
(DAY 5) TC: \$145,857
- 03/17/00 DO CBP'S.  
PROG: DO CBP'S @ 5299', 5480', 5823', 6270', & 6490'. CO TO 7212'. PU & LAND TBG @ 6500', SN @ 6466'. FLOW BACK 13 HRS. CHK 48/64" TO 24/64", CP: 600# TO 1400#, FTP: 800# TO 1000#, 50 BWPB TO 10 BWPB. ESTIMATED PROD RATE: 1500 MCFPD. TLR: 342 BBLs, LLTR: 1174 BBLs.  
(DAY 6) TC: \$176,017
- 03/18/00 PROG: TURNED TO SALES @ 9:00 AM ON 3/17/00. SPOT PROD VOLUMES: CHK 20/64", FTP: 1400#, CP: 1600#, 1500 MCFPD, 12 BWPB, LP: 218#.  
(DAY 7) TC: \$684,456
- 03/19/00 PROG: FLWD 1446 MCF, 275 BW, FTP: 1150#, CP: 1525#, 20/64" CHK, 23 HRS, LP: 151# (OPEN CHK TO 24/64"), LLTR: 899 BBLs.
- 03/20/00 PROG: FLWD 1947 MCF, 317 BW, FTP: 990#, CP: 1290#, 24/64" CHK, 24 HRS, LP: 163#, LLTR: 582 BBLs (OPEN CHK TO 28/64").
- 03/21/00 PROG: FLWD 2250 MCF, 350 BW, FTP: 775#, CP: 1050#, 28/64" CHK, 24 HRS, LP: 162#, (OPEN CHK TO 40/64"), LLTR: 232 BBLs.

03/22/00      PROG: FLWD 2319 MCF, 353 BW, FTP: 500#, CP: 910#, 40/64" CHK, 24 HRS, LP: 165#, REC 121 BBLS  
OVERLOAD.

03/23/00      PROG: FLWD 2140 MCF, 342 BW, FTP: 400#, CP: 890#, 64/64" CHK, 24 HRS, LP: 117#.

03/24/00      PROG: FLWD 1980 MCF, 290 BW, FTP: 400#, CP: 920#, 64/64" CHK, 24 HRS, LP: 173#.  
IP DATE: 3/22/00. FLWD 2140 MCF, 342 BW, FTP: 400#, CP: 890#, 64/64" CHK, 24 HRS, LP: 117#.

**FINAL REPORT.**

---

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**APR 03 2000**

**DIVISION OF  
OIL, GAS AND MINING**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well  Oil Well  Gas Well  Dry  Other

b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.,  
Other \_\_\_\_\_

2. Name of Operator  
Coastal Oil & Gas Corporation

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

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface SENE 2081' FNL & 660' FEL  
  
At top prod. interval reported below  
  
At total depth 7300'

5. Lease Serial No.  
U-49531

6. If Indian, Allottee or Tribe Name  
Uintah & Ouray

7. Unit or CA Agreement Name and No.  
CR-12

8. Lease Name and Well No.  
Federal #6-100

9. API Well No.  
43-047-33401

10. Field and Pool, or Exploratory  
Ouray

11. Sec., T., R., M., or Block and Surveyor Area  
Sec. 6-T9S-R21E

12. County or Parish  
Uintah

13. State  
Utah

14. Date Spudded  
2-19/00

15. Date T.D. Reached  
3/8/00

16. Date Completed  
 D & A  Ready to Prod.  
3/18/00

17. Elevations (DF, RKB, RT, GL)\*  
4703.6' GR

18. Total Depth: MD 7300' TVD  
19. Plug Back T.D.: MD 7257' TVD  
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
GR-CCL-CBL-SONIC NEUTRON 3-23-2000 Water Flow Log 3-22-00

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

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

Hole Size	Size/Grade	Wt. (#ft)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
18"	14" Conductor pipe		0	40'	40'	45sx prem	10 Bbls		
12 1/4"	8 5/8"	24#	0	475'	475'	235 sx	49.4		
7 7/8"	5 1/2"	17#	0	7300'	7300'	766sx 50/50	16.8		
						455sx Prem	10 Bbls		

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	7212'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Refer to Item #35						
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
Refer to Item #35	APR 17 2000

**DIVISION OF OIL, GAS AND MINING**

28. Production Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
3/18/00	3/22/00	24	→	0	1980	290	0	0	Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
64/64	400	890	→	0	1980	290	0	Producing	

28a. Production-Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
3/18/00	3/22/00	24	→	0	1980	290	0	0	Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
64/64	400	890	→	0	1980	290	0	Producing	

28b. Production-IntervalC

Date First Produced 3/18/00	Test Date 3/22/00	Hours Tested 24	Test Production →	Oil BBL 0	Gas MCF 1980	Water BBL 290	Oil Gravity 0	Gas Gravity 0	Production Method Flowing
Choke Size 64/64	Tbg. Press. Flwg. 400	Csg. Press. 890	24 Hr. →	Oil BBL 0	Gas MCF 1980	Water BBL 290	Gas: Oil Ratio 0	Well Status Producing	

28c. Production-IntervalD

Date First Produced 3/18/00	Test Date 3/22/00	Hours Tested 24	Test Production →	Oil BBL 0	Gas MCF 1980	Water BBL 290	Oil Gravity 0	Gas Gravity 0	Production Method Flowing
Choke Size 64/64	Tbg. Press. Flwg. 400	Csg. Press. 890	24 Hr. →	Oil BBL 0	Gas MCF 1980	Water BBL 290	Gas: Oil Ratio 0	Well Status Producing	

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	1950'	5156'			
Wasatch	5156'	-			

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OIL, GAS AND MINING

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

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

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

Name (please print) Sheila Upchego

Title Environmental Jr. Analyst

Signature 

Date 4/5/00

Lease Serial No. U-49531

ITEM #35

Well Name: Federal #6-100

API #43-047-33401

Item #25, #26, & #27:

Brk Dn Perfs f/6522'-6528' W/1428# @ 3.5BPM, Frac w/21000# 20/40 SD w/15% Prop Net. MTP 2119#, ATP 1687#, MTP 16 BPM, ATR 14.8 BPM, ISIP 1552#, FG 0.67 TL 327 BBLS, SET CBP @6490'.

Perf 6418'-6428' 4SPF, 40 Holes. Break Down w/2330# @3.4BPM. Frac w/25000# 20/40 w/15% Prop Net & YF 125 Fluid. MTP 2454#, ATP 1697#, MTR 23.6 BPM, ATR 14.2 BPM, ISIP 1584#, FG 0.68, TL 370 BBLS. Set CBP @6270'.

Perf 6134'-6144' 4 SPF 40 Holes & 6068'-6076' 4 SPF 32 Holes, Break Down w/1240# @ 3.0 BPM & 1720# @22 BPM. Frac w/62000# 20/40 SD w/15% Prop Net. ISIP 1280#, MTP 1955#, ATP 1405#, MTR 34 BPM, ATR 34 BPM, ATR 31.7 BPM, FG 0.64, TL 661 BBLS. Set CBP @ 5823'.

Perf 5744'-5748, 4 SPF, 16 Holes, 5721'-5725', 4 SPF, 16 Holes, 5648'-5656' 4 SPF 32 Holes. Break Down Perfs w/1620# @ 3 BPM, Frac W/42000# 20/40 SD w/15% Prop Net & YF 125 fluid. ISIP 2133#, MTP 3012#, ATP 2036#, MTR 34.5 BPM, ATR 31.1 BPM, FG 0.80, TL 487 BBLS. Set CBP @ 5480'.

Perf 5374'-5384' 4 SPF, 40 Holes Break Down w/3332# @ 3.0 BPM. Frac w/29920# 20/40 SD w/15% Prop Net. MTP 3332#, ATP 2617#, MTR 16 BPM, ATR 15.5 BPM, ISIP 2934#, FG 0.97, TL 391 BBLS. Set CBP @ 5300'

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APR 17 2000

DIVISION OF  
OIL, GAS AND MINING

COASTAL OIL & GAS CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

FEDERAL 6-100

SE/NE SEC. 6, T9S, R22E  
OURAY FIELD  
UINTAH COUNTY, UT  
WI: 100% AFE: 90167  
PBSD: 7250' PERFS: 0  
CSG: 5.5" / 17# @ 7300'  
FORMATION: WAS  
CWC(M\$): \$684,456

**RECEIVED**  
APR 17 2000  
DIVISION OF  
OIL, GAS AND MINING

**DRILL & COMPLETE**

Drilling: 02/20/00 - 03/09/00, Spud Date: 02/23/00

- 03/12/00 W.L. LOG WELL. ROAD EQUIP F/ THE NBU #274. MI & SPOT RIG, RU EQUIP. SHUT DN TILL MONDAY MORN, 03/13/00. LOG WELL SUNDAY (03/12/00) W/ SCHLUMBERGER W.L.S.  
(DAY 1)
- 03/13/00 RU RIG. MIRU SCHLUMBERGER W.L.S. RIH W/ GR-CCL-CBL LOGGING TOOLS. WLPBTD @ 7220'. LOG F/ PBSD W/ 1000 PSI ON CSG TO SURF. EST CMT TOP @ 660'. RIH W/ GR-CCL-CBL LOGGING TOOLS. LOG F/ PBSD TO SURF W/ NO PSI ON CSG. RIH W/ GR-CCL & SONIC NEUTRON LOGGING TOOLS. LOG F/ PBSD TO 4700' W/ NO PSI ON CSG. RDMO SCHLUMBERGER W.L.S. SDFD.  
(DAY 2)
- 03/14/00 **PERF WASATCH.**  
PROG: RU RIG. ND WH & NU BOP. RIH W/ 4 3/4" DRAG BIT TO PBSD @ 7252'. REVERSE CIRC W/ 165 BBLs 2% KCL. TESTED 5 1/2" CSG TO 5000# - OKAY. TESTED 5 1/2" X 8 5/8" TO 500#. BLED TO 0 PSI IN 30 SEC. WITH EOT @ 7252', PICKLED TBG W/ 3 BBLs 15% HCL. REVERSE TBG CLEAN. PUH TO 6533' & SPOT 12 BBLs 15% HCL F/ 6533' TO 6017'.  
(DAY 3)
- 03/15/00 **PREP TO FRAC.**  
PROG: PERF WASATCH F/ 6522' - 6528' 4 SPF, 24 HRS. 0 PRESS. BRK DN PERFS W/ 2100# @ 1 1/2 BPM. ISIP: 1220#.  
(DAY 4)
- 03/16/00 **PREP TO DO CBP'S.**  
PROG: BRK DN PERFS F/ 6522' - 6528' W/ 1428# @ 3.5 BPM. FRAC W/ 21000# 20/40 SD W/ 15% PROP NET. MTP: 2119#, ATP: 1687#, MTR: 16 BPM, ATR: 14.8 BPM. ISIP: 1552#, FG: 0.67, TL: 327 BBLs. SET CBP @ 6490'. PERF WASATCH F/ 6418' - 6428', 4 SPF, 40 HOLES. BRK DN W/ 2330# @ 3.4 BPM. FRAC W/ 25000# 20/40 W/ 15% PROP NET & YF 125 FLUID. MTP: 2454#, ATP: 1697#, MTR: 23.6 BPM, ATR: 14.2 BPM. ISIP: 1584#, FG: 0.68, TL: 370 BBLs. SET CBP @ 6270'. PERF WASATCH F/ 6134' - 6144', 4 SPF, 40 HOLES & 6068' - 6076', 4 SPF, 32 HOLES. BRK DN W/ 1240# @ 3.0 BPM & 1720# @ 22 BPM. FRAC W/ 62000# 20/40 SD W/ 15% PROP NET. ISIP: 1280#. MTP: 1955#, ATP: 1405#, MTR: 34 BPM, ATR: 31.7 BPM. FG: 0.64, TL: 661 BBLs. SET @ 5823'. PERF WASATCH F/ 5744' - 5748', 4 SPF, 16 HOLES; 5721' - 5725', 4 SPF, 16 HOLES; & 5648' - 5656', 4 SPF, 32 HOLES. BRK DN W/ 1620# @ 3 BPM. FRAC W/ 42000# 20/40 SD W/ 15% PROP NET & YF 125 FLUID. ISIP: 2133#. MTP: 3012#, ATP: 2036#, MTR: 34.5 BPM, ATR: 31.1 BPM, FG: 0.80, TL: 487 BBLs. SET CBP @ 5480'. PERF WASATCH F/ 5374' - 5384', 4 SPF, 40 HOLES. BRK DN W/ 3332# @ 3.0 BPM. FRAC W/ 29,920# 20/40 SD W/ 15% PROP NET. MTP: 3332#, ATP: 2617#, MTR: 16 BPM, ATR: 15.5 BPM. ISIP: 2934#. FG: 0.97, TL: 391 BBLs. SET CBP @ 5300'. RIH W/ 4 3/4" BIT TO 5100'.  
(DAY 5)
- 03/17/00 **DO CBP'S.**  
PROG: DO CBP'S @ 5299', 5480', 5823', 6270', & 6490'. CO TO 7212'. PU & LAND TBG @ 6500', SN @ 6466'. FLOW BACK 13 HRS. CHK 48/64" TO 24/64", CP: 600# TO 1400#, FTP: 800# TO 1000#, 50 BWPH TO 10 BWPH. ESTIMATED PROD RATE: 1500 MCFPD. TLR: 342 BBLs, LLTR: 1174 BBLs.  
(DAY 6)
- 03/18/00 **PROG: TURNED TO SALES @ 9:00 AM ON 3/17/00. SPOT PROD VOLUMES: CHK 20/64", FTP: 1400#, CP: 1600#, 1500 MCFPD, 12 BWPH, LP: 218#.**  
(DAY 7)
- 03/19/00 **PROG: FLWD 1446 MCF, 275 BW, FTP: 1150#, CP: 1525#, 20/64" CHK, 23 HRS, LP: 151# (OPEN CHK TO 24/64"), LLTR: 899 BBLs.**
- 03/20/00 **PROG: FLWD 1947 MCF, 317 BW, FTP: 990#, CP: 1290#, 24/64" CHK, 24 HRS, LP: 163#, LLTR: 582 BBLs (OPEN CHK TO 28/64").**
- 03/21/00 **PROG: FLWD 2250 MCF, 350 BW, FTP: 775#, CP: 1050#, 28/64" CHK, 24 HRS, LP: 162#, (OPEN CHK TO 40/64"), LLTR: 232 BBLs.**
- 03/22/00 **PROG: FLWD 2319 MCF, 353 BW, FTP: 500#, CP: 910#, 40/64" CHK, 24 HRS, LP: 165#, REC 121 BBLs OVERLOAD.**
- 03/23/00 **PROG: FLWD 2140 MCF, 342 BW, FTP: 400#, CP: 890#, 64/64" CHK, 24 HRS, LP: 117#.**
- 03/24/00 **PROG: FLWD 1980 MCF, 290 BW, FTP: 400#, CP: 920#, 64/64" CHK, 24 HRS, LP: 173#.**  
**IP DATE: 3/22/00. FLWD 2140 MCF, 342 BW, FTP: 400#, CP: 890#, 64/64" CHK, 24 HRS, LP: 117#.**

FINAL REPORT.

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.*

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

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>U-49531</b>
2. Name of Operator <b>Coastal Oil &amp; Gas Corporation</b>		6. If Indian, Allottee or Tribe Name N/A
3a. Address <b>P.O. Box 1148, Vernal UT 84078</b>	3b. Phone No. (include area code) <b>(435)781-7023</b>	7. If Unit or CA/Agreement, Name and/or No. <b>CR-12</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>SE/NE Sec. 6, T9S, R22E 2081' FNL &amp; 660' FEL</b>		8. Well Name and No. <b>Federal #6-100</b>
		9. API Well No. <b>43-047-33401</b>
		10. Field and Pool, or Exploratory Area <b>Ouray</b>
		11. County or Parish, State <b>Uintah UT</b>

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>Squeeze Perfs</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 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 final site is ready for final inspection.)

Subject well placed on production on 4/25/00. Squeezed perfs f/5374' -5384' w/3000# @ 0.5 BPM w/3 BBIs in formation. TOC @ 5092'. SI w/1000#.

Please refer to the attached Chronological Well History.

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**JUN 06 2000**

**DIVISION OF  
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)  
**Katy Dow**

*Katy Dow*

Title

**Environmental Jr. Analyst**

Date **5/26/00**

**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, makes 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.

COASTAL OIL & GAS CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

**FEDERAL 6-100**

SE/NE SEC. 6, T9S, R22E  
OURAY FIELD  
UINTAH COUNTY, UT  
WI: 100%  
PBTB: 7250' PERFS: 0  
CSG: 5.5" / 17# @ 7300'  
Spud Date: 02/23/00

**DRILL & COMPLETE, AFE: 90167**  
FORMATION: WASATCH  
CWC(M)

03/12/00 W.L. LOG WELL. ROAD EQUIP F/ THE NBU #274. MI & SPOT RIG, RU EQUIP. SHUT DN TILL MONDAY MORN, 03/13/00. LOG WELL SUNDAY (03/12/00) W/ SCHLUMBERGER W.L.S. (DAY 1)

03/13/00 RU RIG. MIRU SCHLUMBERGER W.L.S. RIH W/ GR-CCL-CBL LOGGING TOOLS. WLPBTD @ 7220'. LOG F/ PBTB W/ 1000 PSI ON CSG TO SURF. EST CMT TOP @ 660'. RIH W/ GR-CCL-CBL LOGGING TOOLS. LOG F/ PBTB TO SURF W/ NO PSI ON CSG. RIH W/ GR-CCL & SONIC NEUTRON LOGGING TOOLS. LOG F/ PBTB TO 4700' W/ NO PSI ON CSG. RDMO SCHLUMBERGER W.L.S. SDFD. (DAY 2)

03/14/00 PERF WASATCH.  
PROG: RU RIG. ND WH & NU BOP. RIH W/ 4 3/4" DRAG BIT TO PBTB @ 7252'. REVERSE CIRC W/ 165 BBLs 2% KCL. TESTED 5 1/2" CSG TO 5000# - OKAY. TESTED 5 1/2" X 8 5/8" TO 500#. BLED TO 0 PSI IN 30 SEC. WITH EOT @ 7252', PICKLED TBG W/ 3 BBLs 15% HCL. REVERSE TBG CLEAN. PUH TO 6533' & SPOT 12 BBLs 15% HCL F/ 6533' TO 6017'. (DAY 3)

03/15/00 PREP TO FRAC.  
PROG: PERF WASATCH F/ 6522' - 6528' 4 SPF, 24 HRS. 0 PRESS. BRK DN PERFS W/ 2100# @ 1 1/2 BPM. ISIP: 1220#. (DAY 4)

03/16/00 PREP TO DO CBP'S.  
PROG: BRK DN PERFS F/ 6522' - 6528' W/ 1428# @ 3.5 BPM. FRAC W/ 21000# 20/40 SD W/ 15% PROP NET. MTP: 2119#, ATP: 1687#, MTR: 16 BPM, ATR: 14.8 BPM. ISIP: 1552#, FG: 0.67, TL: 327 BBLs. SET CBP @ 6490'. PERF WASATCH F/ 6418' - 6428', 4 SPF, 40 HOLES. BRK DN W/ 2330# @ 3.4 BPM. FRAC W/ 25000# 20/40 W/ 15% PROP NET & YF 125 FLUID. MTP: 2454#, ATP: 1697#, MTR: 23.6 BPM, ATR: 14.2 BPM. ISIP: 1584#, FG: 0.68, TL: 370 BBLs. SET CBP @ 6270'. PERF WASATCH F/ 6134' - 6144', 4 SPF, 40 HOLES & 6068' - 6076', 4 SPF, 32 HOLES. BRK DN W/ 1240# @ 3.0 BPM & 1720# @ 22 BPM. FRAC W/ 62000# 20/40 SD W/ 15% PROP NET. ISIP: 1280#. MTP: 1955#, ATP: 1405#, MTR: 34 BPM, ATR: 31.7 BPM. FG: 0.64, TL: 661 BBLs. SET @ 5823'. PERF WASATCH F/ 5744' - 5748', 4 SPF, 16 HOLES; 5721' - 5725', 4 SPF, 16 HOLES; & 5648' - 5656', 4 SPF, 32 HOLES. BRK DN W/ 1620# @ 3 BPM. FRAC W/ 42000# 20/40 SD W/ 15% PROP NET & YF 125 FLUID. ISIP: 2133#. MTP: 3012#, ATP: 2036#, MTR: 34.5 BPM, ATR: 31.1 BPM, FG: 0.80, TL: 487 BBLs. SET CBP @ 5480'. PERF WASATCH F/ 5374' - 5384', 4 SPF, 40 HOLES. BRK DN W/ 3332# @ 3.0 BPM. FRAC W/ 29,920# 20/40 SD W/ 15% PROP NET. MTP: 3332#, ATP: 2617#, MTR: 16 BPM, ATR: 15.5 BPM. ISIP: 2934#. FG: 0.97, TL: 391 BBLs. SET CBP @ 5300'. RIH W/ 4 3/4" BIT TO 5100'. (DAY 5)

03/17/00 DO CBP'S.  
PROG: DO CBP'S @ 5299', 5480', 5823', 6270', & 6490'. CO TO 7212'. PU & LAND TBG @ 6500', SN @ 6466'. FLOW BACK 13 HRS. CHK 48/64" TO 24/64", CP: 600# TO 1400#, FTP: 800# TO 1000#, 50 BWPB TO 10 BWPB. ESTIMATED PROD RATE: 1500 MCFPD. TLR: 342 BBLs, LLTR: 1174 BBLs. (DAY 6)

03/18/00 PROG: TURNED TO SALES @ 9:00 AM ON 3/17/00. SPOT PROD VOLUMES: CHK 20/64", FTP: 1400#, CP: 1600#, 1500 MCFPD, 12 BWPB, LP: 218#. (DAY 7)

03/19/00 PROG: FLWD 1446 MCF, 275 BW, FTP: 1150#, CP: 1525#, 20/64" CHK, 23 HRS, LP: 151# (OPEN CHK TO 24/64"), LLTR: 899 BBLs.

03/20/00 PROG: FLWD 1947 MCF, 317 BW, FTP: 990#, CP: 1290#, 24/64" CHK, 24 HRS, LP: 163#, LLTR: 582 BBLs (OPEN CHK TO 28/64").

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FEDERAL 6-100

03/21/00      **PROG:** FLWD 2250 MCF, 350 BW, FTP: 775#, CP: 1050#, 28/64" CHK, 24 HRS, LP: 162#, (OPEN CHK TO 40/64"), LLTR: 232 BBLs.

03/22/00      **PROG:** FLWD 2319 MCF, 353 BW, FTP: 500#, CP: 910#, 40/64" CHK, 24 HRS, LP: 165#, REC 121 BBLs OVERLOAD.

03/23/00      **PROG:** FLWD 2140 MCF, 342 BW, FTP: 400#, CP: 890#, 64/64" CHK, 24 HRS, LP: 117#.

03/24/00      **PROG:** FLWD 1980 MCF, 290 BW, FTP: 400#, CP: 920#, 64/64" CHK, 24 HRS, LP: 173#.  
**IP DATE:** 3/22/00. FLWD 2140 MCF, 342 BW, FTP: 400#, CP: 890#, 64/64" CHK, 24 HRS, LP: 117#.

FINAL REPORT.

04/18/00      **PREP TO FLOW BACK WELL.**  
**PROG:** MIRU. POOH W/ TBG. RIH W/ 5 1/2" PKR. SET PKR @ 5427'. RU SWAB EQUIP.  
(DAY 8)

04/19/00      **PROG:** FLWD 24 HRS ON 32/64" CK. SICP: 250#, FTP: 1000# - 350#, AVG WTR PROD: 1/2 BPH.  
(DAY 9)

04/20/00      **PREP TO SQZ TOP PERFS.**  
**PROG:** RLS PKR @ 5427'. RESET @ 5427'. TEST CSG TO 1000#. HELD 5 MIN. RLS PKR @ 5303' & POOH. RIH & SET CIBP @ 5425'. SIH W/ 2 3/8" TBG. EOT @ 5300'.  
(DAY 10)

04/21/00      **WOC.**  
**PROG:** RIH W/ TBG TO 5393'. EST INJ RATE OF 3 BPM @ 700#. SPOT 50 SXS CLASS "G" CMT. PU TO 4753'. SQZ PERFS F/ 5374' - 5384' W/ 3000# @ 0.5 BPM W/ 3 BBLs IN FORMATION. TOC @ 5092'. SI W/ 1000#. SIFWE.  
(DAY 11)

04/25/00      **PREP TO SWAB WELL IN.**  
**PROG:** TAG CMT @ 5187'. DO CMT TO 5422'. TEST SQZ TO 1000#. HELD. DO CIBP @ 5425'. RIH TO PBTD @ 7250'. PU & LAND TBG @ 6496', SN @ 6463'. PUMP OFF BIT SUB. S.I. BUP.  
(DAY 12)

04/26/00      **PROD TO SALES.**  
**PROG:** SITP: 250#, SICP: 650#. MADE 5 SWAB TRIPS. IFL: 1500', REC 65 BW, WELL KICKED OFF. FLOW 1 HR THEN PLACE ON SALES.  
(DAY 13)

04/27/00      **PROG:** FLWD 783 MCF, 0 BW, FTP: 175#, CP: 515#, 64/64" CHK, 17 HRS, LP: 139#. DN 7 HRS ACTIVE WORK OVER RIG.

04/28/00      **PROG:** FLWD 1127 MCF, 30 BW, FTP: 180#, CP: 477#, 64/64" CHK, 24 HRS, LP: 138#.

04/29/00      **PROG:** FLWD 1116 MCF, APPX 8 BW, FTP: 190#, CP: 450#, 64/64" CHK, 24 HRS, LP: 136#.

04/30/00      **PROG:** FLWD 1074 MCF, 13 BW, FTP: 220#, CP: 454#, 64/64" CHK, 24 HRS, LP: 152#.

05/01/00      **PROG:** FLWD 1048 MCF, 9 BW, FTP: 210#, CP: 433#, 64/64" CHK, 24 HRS, LP: 146#.  
**PRIOR PROD:** FLWG 1012 MCF, 162 BW, FTP: 240#, CP: 569#, 64/64" CHK, 24 HRS, LP: 139#.

FINAL REPORT.

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DIVISION OF  
OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: El Paso Production Oil & Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 8 South 1200 East CITY Vernal STATE Utah ZIP 84078		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: 435-789-4433		8. WELL NAME and NUMBER: Exhibit "A"
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ COUNTY: _____ QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: UTAH		9. API NUMBER:
		10. FIELD AND POOL, OR WILDCAT:

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

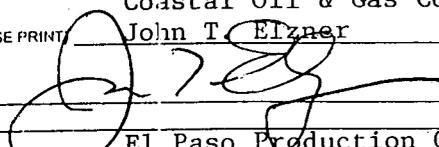
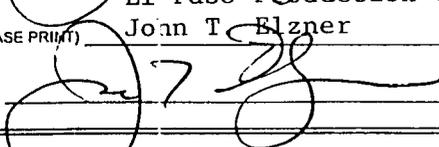
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input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

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

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation	
NAME (PLEASE PRINT) John T. Elzner	TITLE Vice President
SIGNATURE 	DATE 06-15-01
El Paso Production Oil & Gas Company	
NAME (PLEASE PRINT) John T. Elzner	TITLE Vice President
SIGNATURE 	DATE 06-15-01

(This space for State use only)

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JUN 19 2001  
DIVISION OF  
OIL, GAS AND MINING

(5/2000) (See Instructions on Reverse Side)

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

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MAR 9 2001

DIVISION OF  
OIL, GAS AND MINING



*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 1061007

DATE: 04-03-01

0610204 8100

010162788

CERTIFICATE OF AMENDMENT

OF

CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION

David L. Siddall
Vice President

Attest:

Margaret E. Roark
Margaret E. Roark, Assistant Secretary

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STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 11:00 AM 03/09/2001
010118394 - 0610204

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DIVISION OF
OIL, GAS AND MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

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JUL 12 2001

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:  
3106  
UTSL-065841  
(UT-924)

JUL 10 2001

### NOTICE

El Paso Production Oil & Gas Company : Oil and Gas  
Nine Greenway Plaza :  
Houston TX 77046-0095 :

#### Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

For our purposes, the name change is recognized effective March 9, 2001.

The oil and gas lease files identified on the enclosed exhibit 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 Coastal Oil & Gas Corporation to El Paso Production Oil & Gas Company. 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 Wyoming and Colorado.



Opolonia L. Abeyta  
Acting Chief, Branch of  
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

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)

## Exhibit of Leases

UTUSL-065841A	UTU-47172	UTU-74415	UTU-53860
UTU-28652	UTU-50687	UTU-74416	UTU-66401
UTU-37943	UTU-52298	UTU-75091	UTU-67868
UTU-44089	UTU-0109054	UTU-75096	UTU-65389
UTU-44090A	UTU-0143511	UTU-75097	UTU-77084
UTU-61263	UTU-0143512	UTU-75673	UTU-61430
UTU-00343	UTU-38401	UTU-76259	UTU-72633
UTU-02651	UTU-38411	UTU-76260	UTU-72650
UTU-02651B	UTU-38418	UTU-76261	UTU-49692
UTU-0142175	UTU-38419	UTU-76493	UTU-57894
UTU-70235	UTU-38420	UTU-76495	UTU-76829
UTU-70406	UTU-38421	UTU-76503	UTU-76830
UTU-74954	UTU-38423	UTU-78228	UTU-76831
UTU-75132	UTU-38424	UTU-78714	
UTU-75699	UTU-38425	UTU-78727	
UTU-76242	UTU-38426	UTU-78734	
UTU-78032	UTU-38427	UTU-79012	
UTU-4377	UTU-38428	UTU-79011	
UTU-4378	UTU-53861	UTU-71694	
UTU-7386	UTU-58097	UTU-00576	
UTU-8344A	UTU-64376	UTU-00647	
UTU-8345	UTU-65222	UTU-01470D	
UTU-8347	UTU-65223	UTU-0136484	
UTU-8621	UTU-66746	UTU-8344	
UTU-14646	UTU-67178	UTU-8346	
UTU-15855	UTU-67549	UTU-8648	
UTU-25880	UTU-72028	UTU-28212	
UTU-28213	UTU-72632	UTU-30289	
UTU-29535	UTU-73009	UTU-31260	
UTU-29797	UTU-73010	UTU-33433	
UTU-31736	UTU-73013	UTU-34711	
UTU-34350	UTU-73175	UTU-46699	
UTU-34705	UTU-73434	UTU-78852	
UTU-37116	UTU-73435	UTU-78853	
UTU-37355	UTU-73444	UTU-78854	
UTU-37573	UTU-73450	UTU-075939	
UTU-38261	UTU-73900	UTU-0149767	
UTU-39223	UTU-74409	UTU-2078	
UTU-40729	UTU-74410	UTU-44426	
UTU-40736	UTU-74413	UTU-49530	
UTU-42469	UTU-74414	UTU-51026	

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH		4-KAS
2. CDW ✓		5-LP ✓
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

**X** Merger

The operator of the well(s) listed below has changed, effective: **3-09-2001**

<b>FROM: (Old Operator):</b>
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

<b>TO: ( New Operator):</b>
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

**CA No. Unit:**

**WELL(S)**

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
HSB FEDERAL 3-1	43-047-33831	13146	03-07S-21E	FEDERAL	GW	S
WONSITS FEDERAL 1-6	43-047-34081	99999	06-08S-22E	FEDERAL	GW	APD
WONSITS FEDERAL 2-6	43-047-34082	99999	06-08S-22E	FEDERAL	GW	APD
WONSITS FEDERAL 3-6	43-047-34059	99999	06-08S-22E	FEDERAL	GW	APD
WONSITS FEDERAL 4-6	43-047-34083	99999	06-08S-22E	FEDERAL	GW	APD
FEDERAL 24-22	43-047-30610	6124	22-08S-22E	FEDERAL	GW	P
CESSPOUCH ETAL 5 14	43-047-30675	90	05-09S-21E	FEDERAL	GW	P
CESSPOUCH 5-193 (CA CR-4)	43-047-33978	99999	05-09S-21E	FEDERAL	GW	APD
FEDERAL 6-100 (CA CR-12)	43-047-33401	12695	06-09S-22E	FEDERAL	GW	P
BONANZA 8-2	43-047-34087	99999	08-10S-23E	FEDERAL	GW	APD
BONANZA 9-5	43-047-34088	99999	09-10S-23E	FEDERAL	GW	APD
BONANZA 10-2	43-047-34089	99999	10-10S-23E	FEDERAL	GW	APD
BONANZA 10-3 (CA CR-5)	43-047-34090	99999	10-10S-23E	FEDERAL	GW	APD
WILLOW CREK UNIT 2	43-047-31818	11604	05-11S-20E	FEDERAL	OW	TA
HILL FEDERAL 1-10	43-047-31026	1368	10-11S-20E	FEDERAL	GW	TA
WILLOW CREK UNIT 1	43-047-31775	10804	27-11S-20E	FEDERAL	GW	S
HELLS HOLE 9110	43-047-31803	10813	12-11S-25E	FEDERAL	GW	P
SW HANGING ROCK FEDERAL 23-1	43-047-34231	99999	23-12S-23E	FEDERAL	GW	NEW
SW HANGING ROCK FEDERAL 24-1	43-047-34232	99999	24-12S-23E	FEDERAL	GW	NEW
SW HANGING ROCK FEDERAL 25-1	43-047-34233	99999	25-12S-23E	FEDERAL	GW	NEW

**OPERATOR CHANGES DOCUMENTATION**

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
- Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If **NO**, the operator was contacted on: N/A
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: 07/10/2001
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 07/10/2001
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: 07/10/2001
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: N/A

---

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 08/24/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 08/24/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

---

**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: N/A

---

**FEDERAL BOND VERIFICATION:**

1. Federal well(s) covered by Bond No.: WY 2793

---

**FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond No: N/A
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
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: \_\_\_\_\_

---

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: \_\_\_\_\_

---

**FILING:**

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: \_\_\_\_\_

---

**COMMENTS: Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".**

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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.

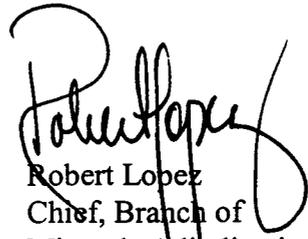
For our purposes, the name change is recognized effective December 31, 2001.

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)

# 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 LAND MANAGEMENT

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

IN REPLY REFER TO  
UT-922

January 9, 2003

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

Re: Successor of Operator  
Communitization Agreement (CA)  
CR-12  
Uintah County, Utah

Gentlemen:

We received an indenture dated June 1, 2002, whereby El Paso Production Oil and Gas Company resigned as Operator and Westport Oil and Gas Company, L.P. was designated as Operator for CA CR-12, Uintah County, Utah.

This indenture was executed by all required parties. The instrument is hereby approved effective January 9, 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 CA CR-12.

Your nationwide (Colorado) oil and gas bond No. 1203 will be used to cover CA operations.

Please advise all interested parties of the change in 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)  
Division Oil, Gas, & Mining  
File - CR-12 (w/enclosure)  
Agr. Sec. Chron  
Fluid Chron

UT922:TATHOMPSON:tt:1/9/03

RECEIVED

DIV. OF OIL, GAS & MINING

## Results of query for MMS Account Number CR12

Production	API Number	Operator	Well Name	Well Status	Lease or CA Number	Inspection Item	Township	Range	Section	Quarter/Quarter	F No
Production	<u>4304730667</u>	EL PASO PROD OIL & GAS CO	6-1 UTE TRIBAL	PGW	1420H622890	CR12	9S	22E	6	NWNW	NA7 BU1
Production	<u>4304732699</u>	EL PASO PROD OIL & GAS CO	TRIBAL 6 WELL 56	PGW	UTU49531	CR12	9S	22E	6	NENE	NA7 BU1
Production	<u>4304733338</u>	EL PASO PROD OIL & GAS CO	6-64	PGW	1420H622890	CR12	9S	22E	6	SENW	NA7 BU1
Production	<u>4304733401</u>	EL PASO PROD OIL & GAS CO	6-100	PGW	UTU49531	CR12	9S	22E	6	SENE	NA7 BU1
Production	<u>4304733437</u>	EL PASO PROD OIL & GAS CO	6-136	PGW	FEE	CR12	9S	22E	6	NWNE	NA7 BU1
Production	<u>4304733440</u>	EL PASO PROD OIL &	6-137	PGW	FEE	CR12	9S	22E	6	SWNE	NA7 BU1

		GAS CO										
<u>Production</u>	<u>4304733456</u>	EL PASO PROD OIL & GAS CO	6-135	PGW	1420H622890	CR12	9S	22E	6	NENW	NA1 BU1	
<u>Production</u>	<u>4304733457</u>	EL PASO PROD OIL & GAS CO	6-138	PGW	1420H622890	CR12	9S	22E	6	SENW	NA1 BU1	

*DISCLAIMER for online data: No warranty is made by the BLM for use of the data for purposes not intended by the BLM.*



IN REPLY REFER TO:  
Real Estate Services

## United States Department of the Interior

BUREAU OF INDIAN AFFAIRS  
Washington, D.C. 20240

FEB 10 2003

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

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

FORM 9

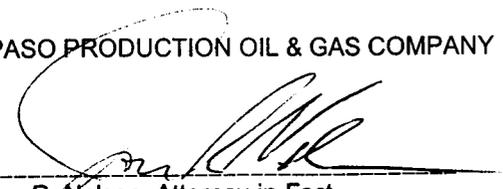
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form 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: <b>El Paso Production Oil &amp; Gas Company</b>		8. WELL NAME and NUMBER: <b>Exhibit "A"</b>
3. ADDRESS OF OPERATOR: <b>9 Greenway Plaza Houston TX 77064-0995</b>		9. API NUMBER:
PHONE NUMBER: <b>(832) 676-5933</b>		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"/> <b>NOTICE OF INTENT</b> (Submit in Duplicate)  Approximate date work will start: _____  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> (Submit Original Form Only)  Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input 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	

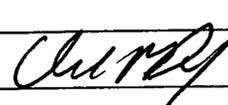
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

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

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

(This space for State use only)

Form 3160-5  
(August 1999)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

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

6. If Indian, Allottee or Tribe Name

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.

**SEE ATTACHED EXHIBIT "A"**

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

9. API Well No.

**SEE ATTACHED EXHIBIT "A"**

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

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

10. Field and Pool, or Exploratory Area

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

11. County or Parish, State

**SEE ATTACHED EXHIBIT "A"**

**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 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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>SUCCESSOR OF</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<b>OPERATOR</b>

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and 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

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

Name (Printed/Typed)  
**CHERYL CAMERON**

Title  
**OPERATIONS**

Signature

Date  
**March 4, 2003**

DIV. OF OIL, GAS & MINING

**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 lands 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**

**ROUTING**

1. GLH
2. CDW ✓
3. FILE

**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: <b>12-17-02</b>	
<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:

**WELL(S)**

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MORGAN STATE 3-36	36-09S-21E	43-047-32589	12002	STATE	GW	P
MORGAN STATE 4-36	36-09S-21E	43-047-32729	12068	STATE	GW	P
MORGAN STATE 5-36	36-09S-21E	43-047-32735	12069	STATE	GW	P
MORGAN STATE 6-36	36-09S-21E	43-047-32810	12119	STATE	GW	P
MORGAN STATE 7-36	36-09S-21E	43-047-32811	12134	STATE	GW	P
MORGAN STATE 8-36	36-09S-21E	43-047-32812	12179	STATE	GW	P
MORGAN STATE 9-36	36-09S-21E	43-047-32815	12178	STATE	GW	P
MORGAN STATE 10-36	36-09S-21E	43-047-32816	12135	STATE	GW	P
MORGAN STATE 11-36	36-09S-21E	43-047-32813	12137	STATE	GW	P
MORGAN STATE 12-36	36-09S-21E	43-047-32814	12136	STATE	GW	S
MORGAN STATE 13-36	36-09S-21E	43-047-32817	12130	STATE	GW	S
MORGAN STATE 14-36	36-09S-21E	43-047-33092	13194	STATE	GW	P
MORGAN STATE 16-36	36-09S-21E	43-047-33093	12407	STATE	GW	S
MORGAN STATE 15-36	36-09S-21E	43-047-33094	12384	STATE	GW	S
UTE TRAIL 6 1 (CA CR-12)	06-09S-22E	43-047-30667	185	INDIAN	GW	P
STATE 6-56 (TRIBAL) (CA CR-12)	06-09S-22E	43-047-32699	11839	FEDERAL	GW	P
TRIBAL 6-64 (CA CR-12)	06-09S-22E	43-047-33338	12676	INDIAN	GW	P
FEDERAL 6-100 (CA CR-12)	06-09S-22E	43-047-33401	12695	FEDERAL	GW	P
HALL 6-135 (CA CR-12)	06-09S-22E	43-047-33440	12711	FEE	GW	P
HALL 6-136 (CA CR-12)	06-09S-22E	43-047-33437	12700	FEE	GW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 02/28/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/06/2003
4. 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: 01/09/2003

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: 03/27/2003

2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 03/27/2003

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:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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

**ROUTING**

1. DJJ

2. CDW

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

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**1/6/2006**

**FROM:** (Old Operator):  
 N2115-Westport Oil & Gas Co., LP  
 1368 South 1200 East  
 Vernal, UT 84078  
 Phone: 1-(435) 781-7024

**TO:** ( New Operator):  
 N2995-Kerr-McGee Oil & Gas Onshore, LP  
 1368 South 1200 East  
 Vernal, UT 84078  
 Phone: 1-(435) 781-7024

**CA No.**

**Unit:**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
-----------	-----	-----	-----	--------	-----------	------------	-----------	-------------

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

**DATA ENTRY:**

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

**BOND VERIFICATION:**

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

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

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

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

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

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

6. If Indian, Allottee or Tribe Name

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

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

9. API Well No.

10. Field and Pool, or Exploratory Area

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

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

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

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

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

**RECEIVED**

**MAY 10 2006**

DIV. OF OIL, GAS & MINING

*BLM BOND = C01203  
BIA BOND = RLB0005239*

**APPROVED 5116106**

*Earlene Russell*

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

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

Name (Printed/Typed) <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

**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.  
**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**

**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**

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

**THIS SPACE FOR FEDERAL OR STATE USE**

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

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



## United States Department of the Interior

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

IN REPLY REFER TO:

CO922 (MM)  
3106  
COC017387 et. al.

March 23, 2006

### NOTICE

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

#### Merger/Name Change - Recognized

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

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

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

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

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

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

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

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

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

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

Attachment:

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

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

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



# United States Department of the Interior

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



IN REPLY REFER TO:  
3106  
(UT-922)

March 27, 2006

## Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

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

Chief, Branch of  
Fluid Minerals

## Enclosure

Approval letter from BLM COSO (2 pp)

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

RECEIVED

MAR 28 2006

U.S. DEPT. OF THE INTERIOR  
BUREAU OF OIL, GAS & MINERALS