



**Coastal**  
The Energy People

October 9, 2000

Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, Utah 84078

**ATTENTION: Ed Forsman**

Enclosed are the original and two copies (each) for the following APD's:

CIGE #251	CIGE #254
NBU #340	NBU #341
NBU #366	NBU #335
NBU #357	NBU #342

Also included are copies of the APD's submitted to UTDOGM for the CIGE #252 and the CIGE #253. These proposed locations are State Surface and Federal Minerals.

I would also like to withdraw the APD submitted for the NBU #345. This APD was submitted around the last week of September. This location was originally staked and surveyed as a "State" well. After a location move took place, the location of this well changed to "Federal". I will re-submit an APD for this location at a later date.

If you have questions or need additional information, please do not hesitate to call me, (435) 781-7023.

Sincerely,

Cheryl Cameron  
Sr. Regulatory Analyst

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OCT 11 2000

DIVISION OF  
OIL, GAS AND MINING

cc w/ encl:

Ms. Lisha Cordova  
State of Utah  
Division of Oil Gas & Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, UT 84114

**Coastal Oil & Gas Corporation**

A SUBSIDIARY OF THE COASTAL CORPORATION  
1368 S 1200 E • P.O. BOX 1148 • VERNAL UT 84078 • 435/789-4433 • FAX 435/789-4436

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. <b>U-464</b>
1b. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name <b>N/A</b>
2. Name of Operator <b>Coastal Oil &amp; Gas Corporation</b>		7. Unit or CA Agreement Name and No. <b>Natural Buttes Unit</b>
3a. Address <b>P.O. Box 1148, Vernal, UT 84078</b>	3b. Phone No. (include area code) <b>(435) -781-7023</b>	8. Lease Name and Well No. <b>NEU #341</b>
4. Location of Well (Report location clearly and in accordance with any State requirements)* At surface <b>SW NW</b> At proposed prod. zone <b>2459'FNL &amp; 606'FWL</b>		9. API Well No. <b>N/A 43047-33726</b>
14. Distance in miles and direction from nearest town or post office* <b>52.5 Miles Southwest of Vernal, Utah</b>		10. Field and Pool, or Exploratory <b>Natural Buttes Field</b>
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drg. unit line, if any) <b>606'</b>	16. No. of Acres in lease <b>206.97</b>	11. Sec., T., R., M., or Blk. and Survey or Area <b>Lot 5, Sec.6-T10S-R22E</b>
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. <b>Refer to Topo "C"</b>	19. Proposed Depth <b>6700'</b>	12. County or Parish    13. State <b>Uintah                      Utah</b>
21. Elevations (Show whether DF, KDB, RT, GL, etc.) <b>5099.2' Ungraded GR</b>	22. Approximate date work will start* <b>Upon Approval</b>	17. Spacing Unit dedicated to this well <b>N/A</b>
23. Estimated duration <b>To Be Determined</b>		

24. Attachments

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

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

25. Signature 	Name (Printed/Typed) <b>Cheryl Cameron</b>	Date <b>9/26/00</b>
-------------------	---	------------------------

Approved by (Signature) 	Name (Printed/Typed) <b>BRADLEY G. HILL</b>	Date <b>10/16/00</b>
Title <b>Sr. Regulatory Analyst</b>	Office <b>RECLAMATION SPECIALIST III</b>	

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

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

\*(Instructions on Reverse)

**Federal Approval of this  
Action is Necessary**

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**DIVISION OF  
OIL, GAS AND MINING**

R 21  
E  
R 22  
E

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

1977 Brass  
Cap 0.7" High,  
Steel Post,  
Set Stone, Pile  
of Stones

S89°53'54"E 2293.49' (Meas.)

WEST (G.L.O.)

T9S

T10S

Brass Cap

N00°29'W - G.L.O. (Basis of Bearings)  
2758.50' - (Measured)

Lot 4

Lot 3

Lot 2

Lot 1

2459'

Lot 5

NBU #341

Elev. Ungraded Ground - 5099'

606'

6

Sec. 1

1977 Brass  
Cap, Steel  
Post, Pile  
of Stones

Lot 6

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Lot 7

N00°28'W - 39.64 (G.L.O.)

N00°36'W - 80.18 (G.L.O.)

N89°24'W - 34.02 (G.L.O.)

S89°40'W - 40.02 (G.L.O.)

LEGEND:

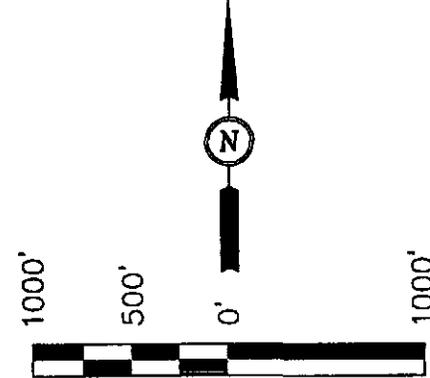
- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

COASTAL OIL & GAS CORP.

Well location, NBU #341, located as shown in Lot 5 of Section 6, T10S, R22E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.



SCALE

CERTIFICATE LAND SURVEYING

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

ROBERT L. [Signature]  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. U013  
STATE OF UTAH

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b> 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (801) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 9-2-98	DATE DRAWN: 9-8-98
PARTY D.K. M.A. D.COX	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE COASTAL OIL & GAS CORP.	

**Natural Buttes Unit #341  
SW/NW Lot 5, Sec. 10, T10S,R22E  
UINTAH COUNTY, UTAH  
U-464**

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

***DRILLING PROGRAM***

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

<u>Formation</u>	<u>Depth</u>
KB	5100'
Green River	1300'
Wasatch	4445'
TD	6200'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1300'
Gas	Wasatch	4445'
Water	N/A	
Other Minerals	N/A	

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

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

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

*Please see the Natural Buttes Unit SOP.*

**5. Drilling Fluids Program:**

*Please see the Natural Buttes Unit SOP.*

**6. Evaluation Program:**

*Please see the Natural Buttes Unit SOP.*

**7. Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 6200' TD, approximately equals 2,480 psi (calculated at 0.4 psi/foot). Maximum anticipated surface pressure equals approximately 1,116 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

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8. Anticipated Starting Dates:

*Drilling is planned to commence immediately upon approval of this application.*

9. Variances:

*Please see Natural Buttes Unit SOP.*

10. Other Information:

*Please see Natural Buttes Unit SOP.*

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**Natural Buttes Unit #341  
SW/ NW Lot 5, Sec 10,T10S,R22E  
UINTAH COUNTY, UTAH  
U-464**

**ONSHORE ORDER NO. 1**

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

An onsite inspection was conducted for the NBU #341 on 9/14/00, for the subject well.

**1. Existing Roads:**

The proposed well site is approximately 20.8 miles southeast of Ouray, Utah. Directions to the location from Ouray, Utah:

Proceed in a westerly direction from Vernal, Utah, along U.S. Highway 40 approximately 14.0 miles to the junction of state highway 88; exit left and proceed in a southerly direction approximately 17.0 miles to Ouray, Utah; proceed in a southerly direction approximately 6.9 miles on the Seep Ridge Road to the junction of this road and an existing road to the east; turn left and proceed in a easterly direction approximately 5.0 miles to the junction of this road and an existing road to the north; turn left and proceed in a northerly approximately 0.3 miles to the junction of this road and an existing road to the northeast; turn right and proceed in a northeasterly direction approximately 4.8 miles to the junction of this road and an existing road to the south; turn right and proceed in a southerly then southeasterly direction approximately 3.8 miles to the junction of this road and an existing road to the southwest; proceed in a southwesterly direction then southerly direction approximately 0.4 miles to junction of this road and an existing road to the west; turn right and proceed in a westerly direction approximately 200'+/- to the beginning of the proposed access road to the northwest; follow road flags in a northwesterly direction approximately 0.3 miles to the proposed 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 propose 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.*

Refer to Topo Map D for the location of the proposed pipeline.

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

*Please see the Natural Buttes SOP.*

**6. Source of Construction Materials:**

*Please see the Natural Buttes SOP.*

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

*Please see the Natural Buttes SOP.*

**8. Ancillary Facilities:**

*Please see the Natural Buttes SOP.*

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

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

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

As per previous onsite discussions, a reserve pit liner will be required.

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

*Please see the Natural Buttes SOP.*

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

Shadscale	4 lbs.
Black Sage	2 lbs.
Needle & Thread	3 lbs.
Indian Rice Grass	3 lbs.

**11. Surface Ownership:**

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

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

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**12. Other Information:**

A Class III archaeological survey was conducted by Metcalf Archaeological Consultants. A copy of this report was submitted directly to the appropriate agencies by Metcalf Archaeological Consultants.

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

Cheryl Cameron  
Environmental 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.

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

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

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

  
Cheryl Cameron

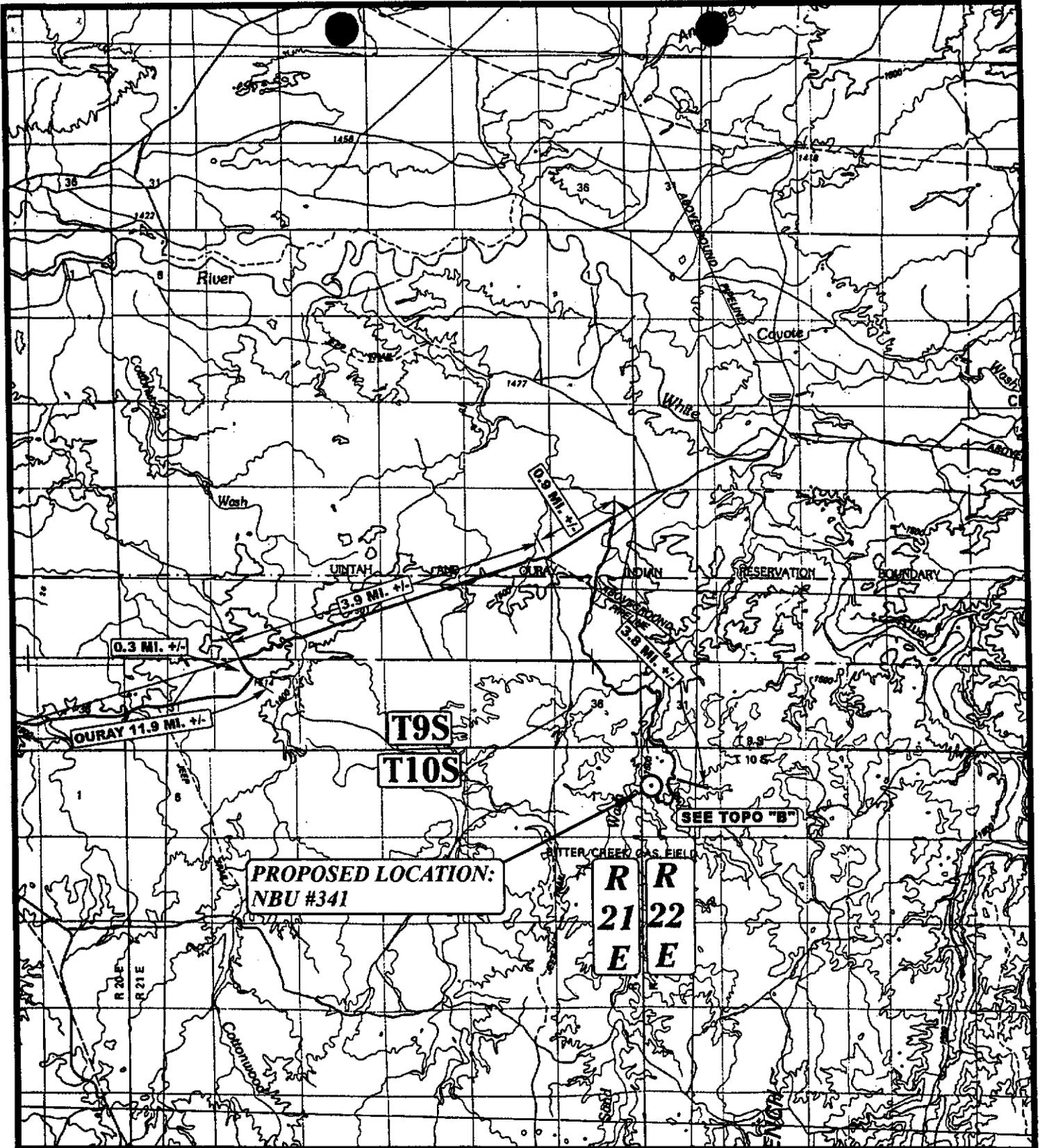
9/26/00

Date

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**LEGEND:**

○ PROPOSED LOCATION

**COASTAL OIL & GAS CORP.**

**NBU #341**  
**SECTION 6, T10S, R22E, S.L.B.&M.**  
**2459' FNL 606' FWL**

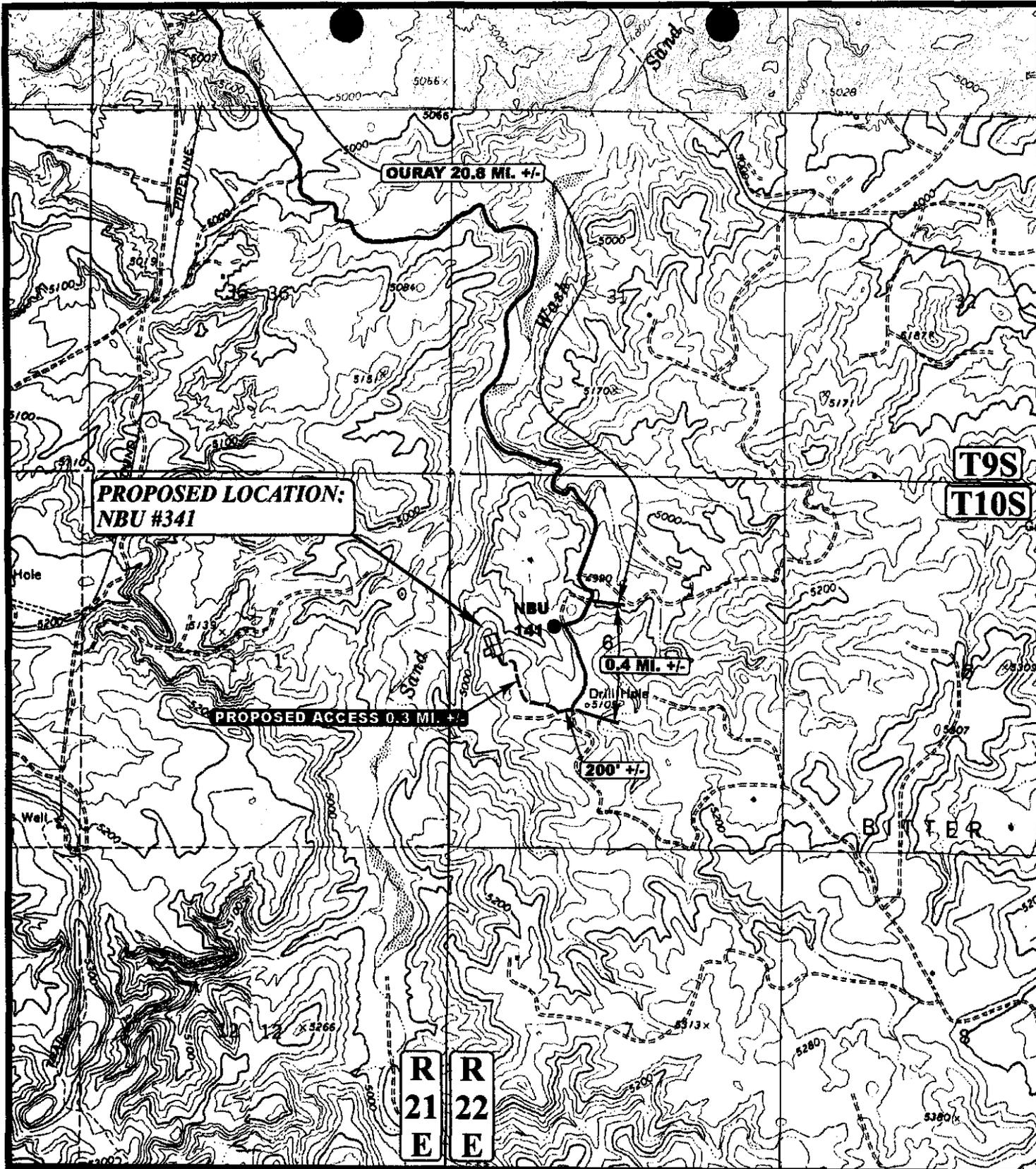


**Utah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC** **9 9 98**  
**MAP** MONTH DAY YEAR  
 SCALE: 1 : 100,000 | DRAWN BY: D.COX | REVISED: 00-00-00





**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING ROAD



**COASTAL OIL & GAS CORP.**

NBU #341  
 SECTION 6, T10S, R22E, S.L.B.&M.  
 2459' FNL 606' FWL



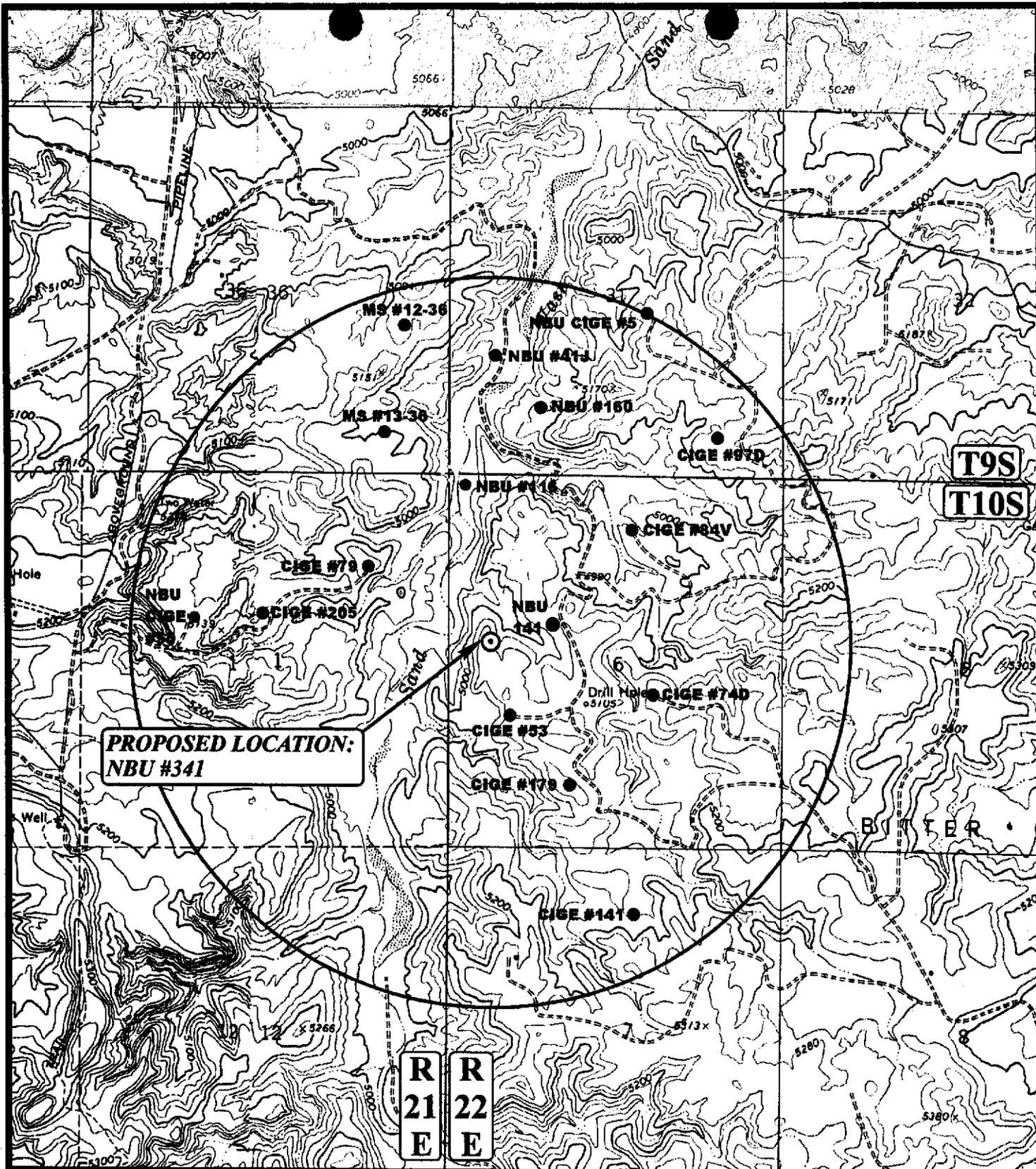
Utah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

TOPOGRAPHIC  
 MAP

9	9	98
MONTH	DAY	YEAR

SCALE: 1" = 2000' DRAWN BY: D.COX REVISED: 00-00-00





**LEGEND:**

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



**COASTAL OIL & GAS CORP.**

**NBU #341**  
**SECTION 6, T10S, R22E, S.L.B.&M.**  
**2459' FNL 606' FWL**



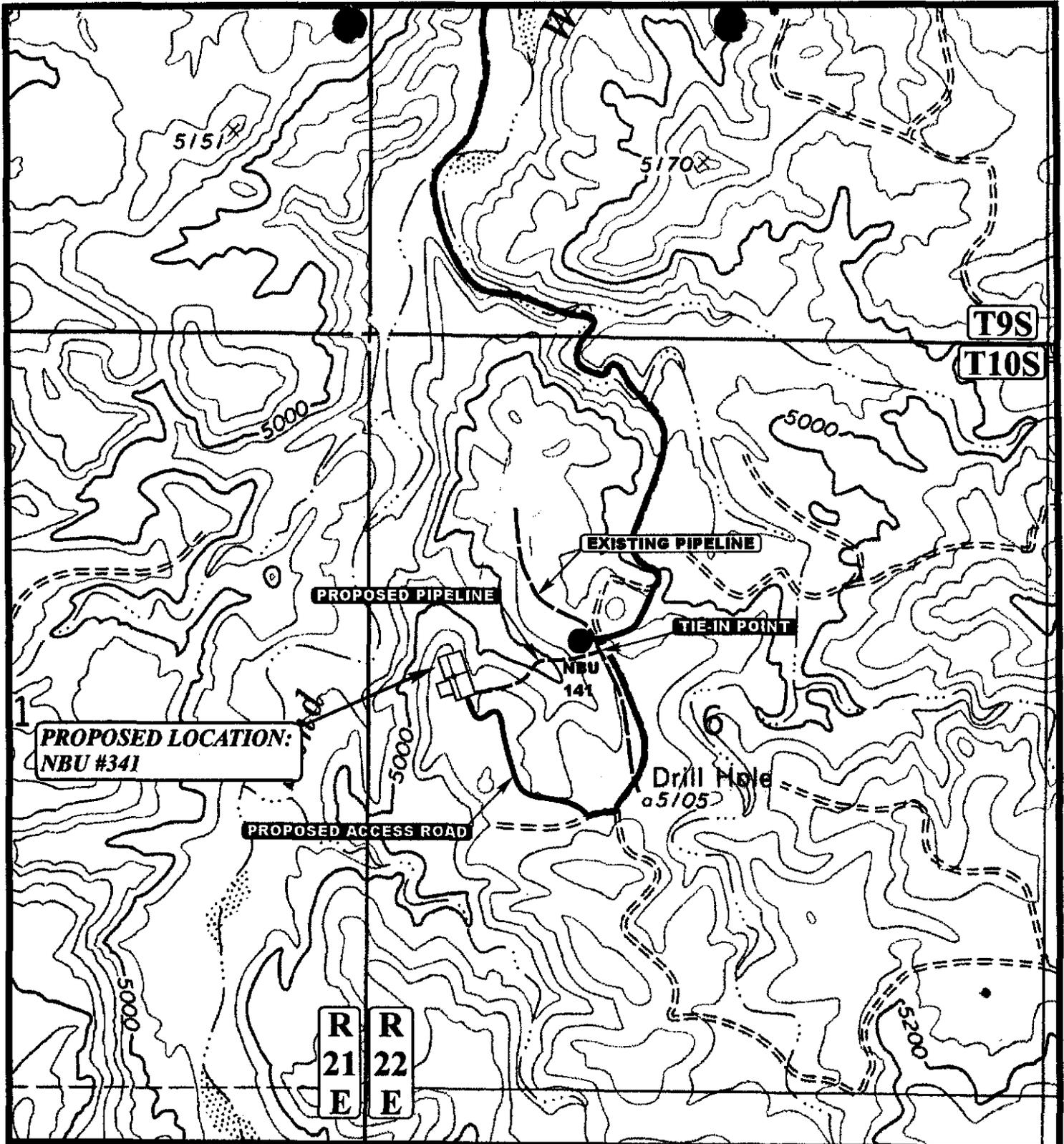
**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC**  
**MAP**

**9 9 98**  
 MONTH DAY YEAR

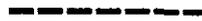
SCALE: 1" = 2000' DRAWN BY: D.COX REVISED: 00-00-00





**APPROXIMATE TOTAL PIPELINE DISTANCE = 1,000' +/-**

**LEGEND:**

-  EXISTING PIPELINE
-  PROPOSED PIPELINE
-  PROPOSED ACCESS

**COASTAL OIL & GAS CORP.**

**NBU #341**

**SECTION 6, T10S, R22E, S.L.B.&M.**

**2459' FNL 606' FWL**



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

**TOPOGRAPHIC**  
**MAP**

<b>9</b>	<b>9</b>	<b>98</b>
MONTH	DAY	YEAR

SCALE: 1" = 1000' | DRAWN BY: D.COX | REVISED: 00-00-00

**D**  
**TOPO**

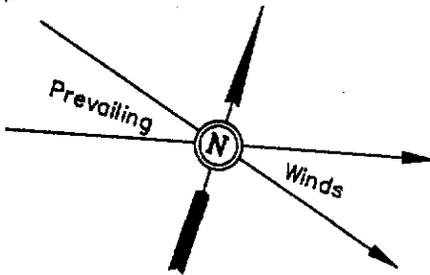
COASTAL OIL & GAS CORP.

LOCATION LAYOUT FOR

NBU #341

SECTION 6, T10S, R22E, S.L.B.&M.

2459' FNL 606' FWL



SCALE: 1" = 50'  
DATE: 9-9-98  
Drawn By: D.COX

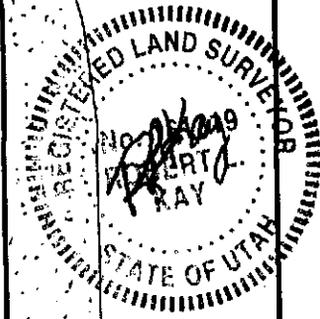
F-7.3'  
El. 84.7'

C-0.1'  
El. 92.1'

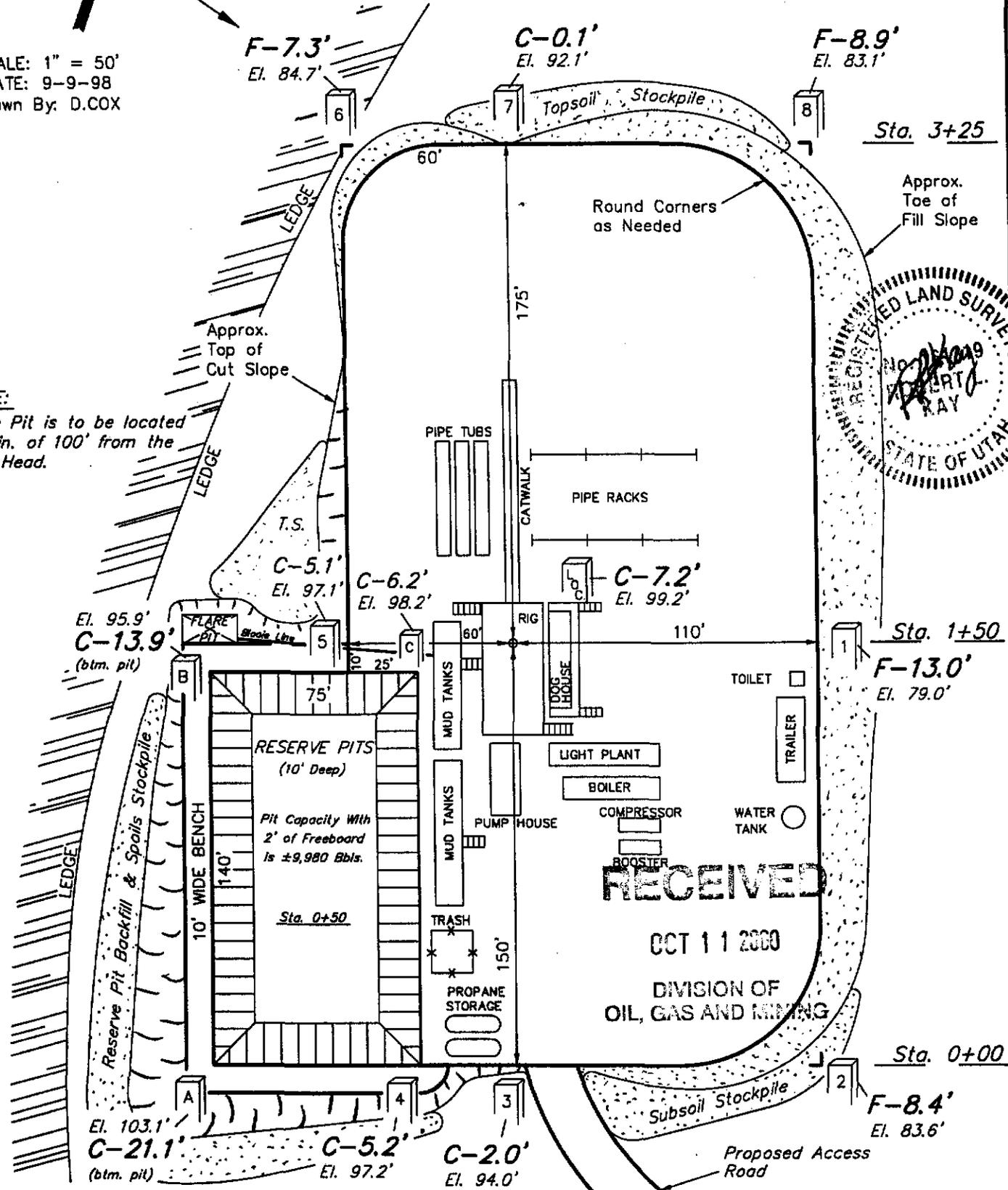
F-8.9'  
El. 83.1'

Sta. 3+25

Approx. Toe of Fill Slope



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



Sta. 1+50

F-13.0'  
El. 79.0'

Sta. 0+00

F-8.4'  
El. 83.6'

Elev. Ungraded Ground at Location Stake = 5099.2'  
Elev. Graded Ground at Location Stake = 5092.0'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

# COASTAL OIL & GAS CORP.

## TYPICAL CROSS SECTIONS FOR

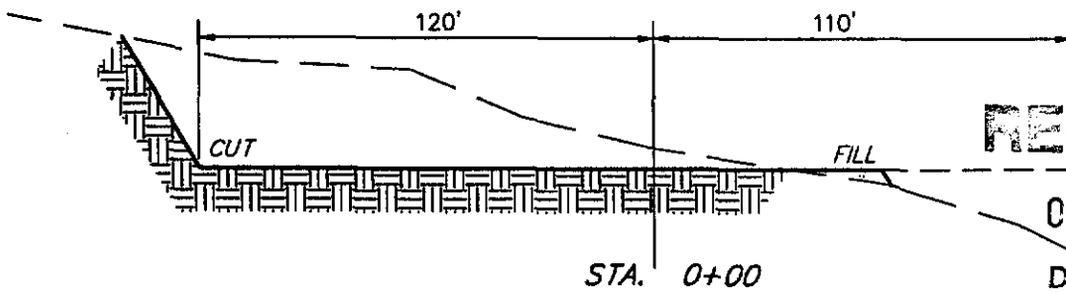
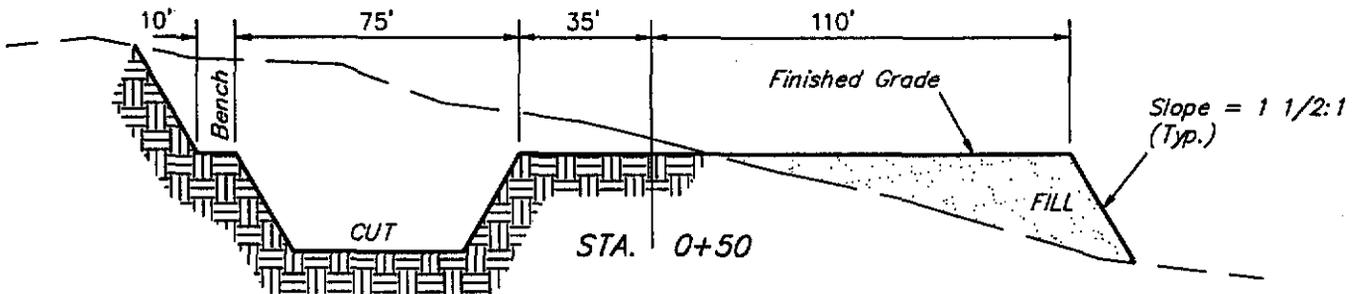
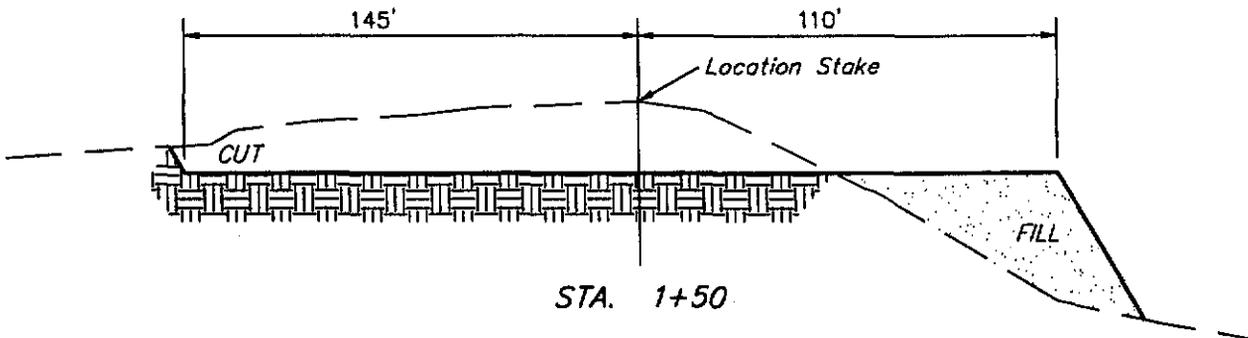
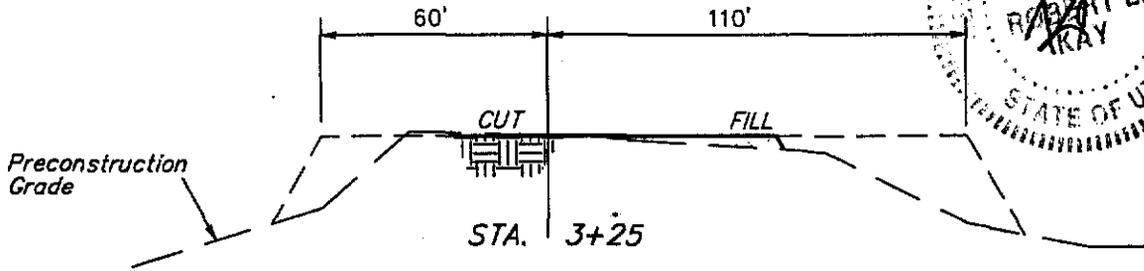
NBU #341

SECTION 6, T10S, R22E, S.L.B.&M.

2459' FNL 606' FWL

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

DATE: 9-9-98  
Drawn By: D.COX



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### APPROXIMATE YARDAGES

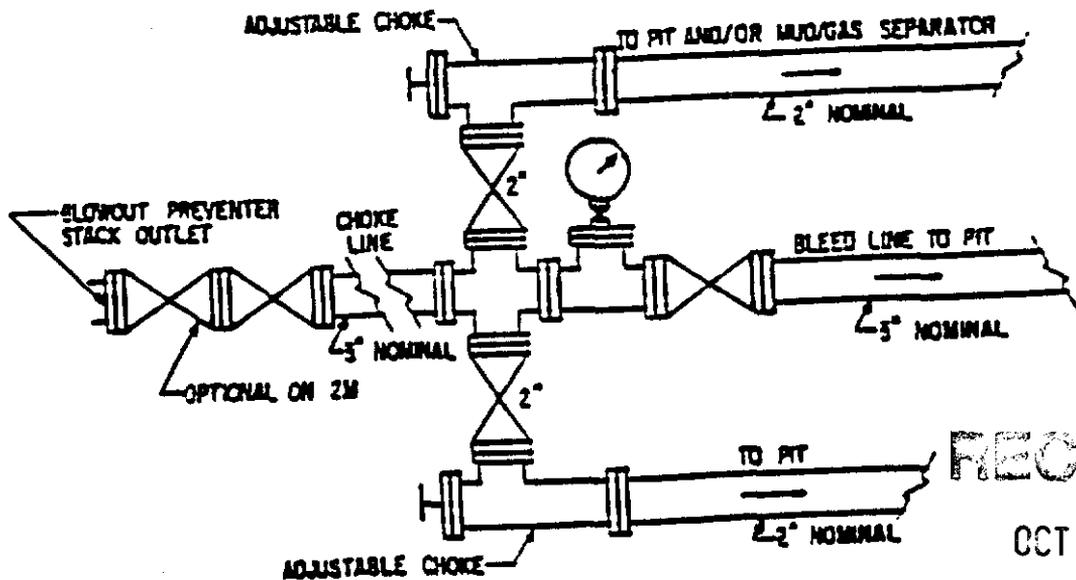
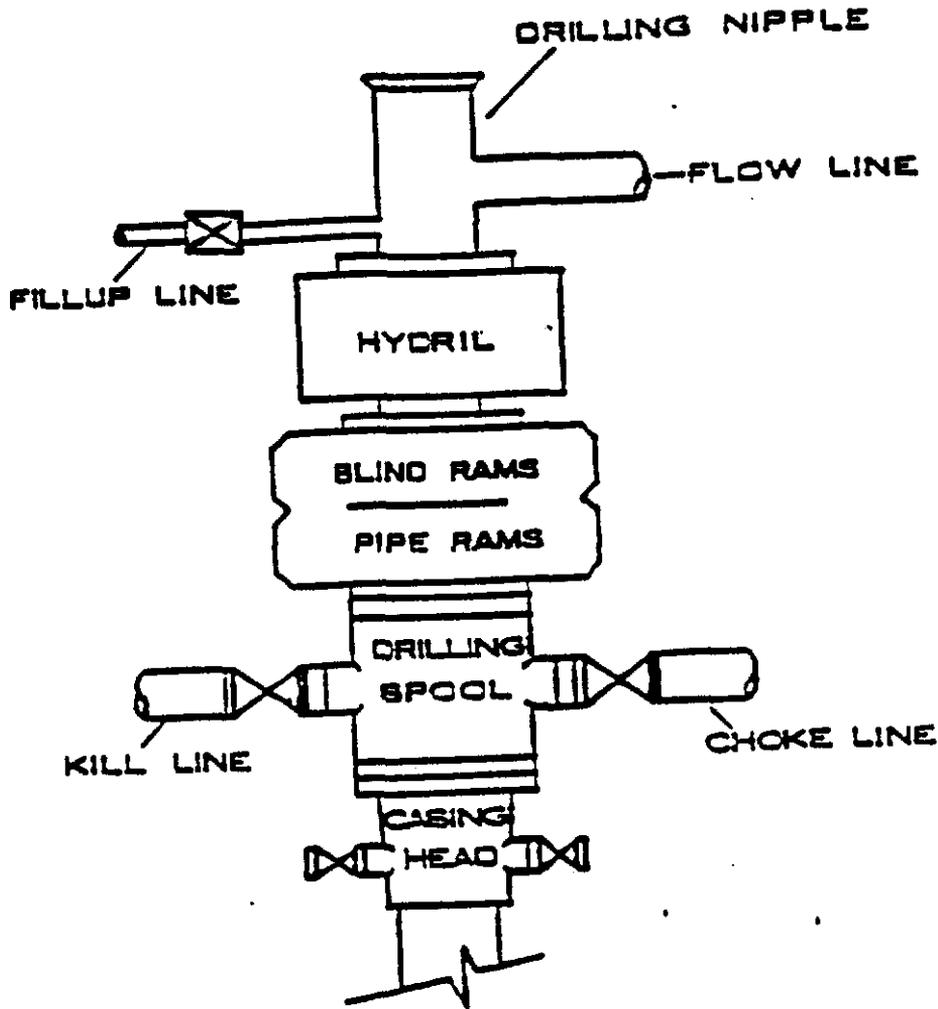
(6") Topsoil Stripping = 1,150 Cu. Yds.  
Remaining Location = 8,890 Cu. Yds.  
**TOTAL CUT = 10,040 CU.YDS.**  
**FILL = 7,100 CU.YDS.**

EXCESS MATERIAL AFTER  
5% COMPACTION = 2,570 Cu. Yds.  
Topsoil & Pit Backfill  
(1/2 Pit Vol.) = 2,560 Cu. Yds.  
EXCESS UNBALANCE  
(After Rehabilitation) = 10 Cu. Yds.

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3,000 PSI

# BOP STACK



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M A C

Metcalfe Archaeological Consultants, Inc.

DENVER DISTRICT - E & S

NBU 341

November 4, 1998

NOV 5 1998

Ms. Sheila Bremer  
Coastal Oil & Gas Corp.  
P. O. Box 749  
Denver, CO 80201-0749

BLC \_\_\_ RAD \_\_\_ SCP \_\_\_ CEL \_\_\_  
SAB \_\_\_ JRN \_\_\_ MDE \_\_\_ LPS \_\_\_

cc: Drly  
RJLO  
PEB

Dear Ms. Bremer:

Enclosed is Metcalfe Archaeological Consultants, Inc. (MAC) cultural resource inventory covering ten Coastal Oil & Gas well projects in Uintah County, Utah. One well, NBU #316 is on Uintah Indian Tribal lands. The inventory for this well project was negative. The other nine are on BLM administered lands. One of these CIGE #249 is very near previously recorded site 42UN663. This prehistoric site has been evaluated as non-significant and no further work is necessary concerning the site or well project. The other remaining eight well inventories were all negative. No significant cultural resources will be impacted by construction of these ten projects. Cultural resource clearance is recommended for all ten Coastal Oil & Gas projects.

If you have any questions or need further assistance please do not hesitate to contact us.

Sincerely,

Michael D. Metcalf  
Principal Investigator

MDM/sjm

Enclosure

- cc: Blaine Phillips, BLM Vernal District, Vernal, UT
- Betsie Chapoose, Cultural Rights and Protection, UIT, Ft. Duchesne, UT
- Ferron Secakuku, Energy and Minerals, UIT, Ft. Duchesne, UT
- Dale Hanberg, Bureau of Indian Affairs, Ft. Duchesne, UT
- Amy Huslein, Bureau of Indian Affairs, Phoenix, AZ

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Coastal Oil & Gas Company: Ten Well Projects,  
Class III Cultural Resource Inventory,  
Uintah County, Utah

prepared by  
Sally J. Metcalf  
Metcalf Archaeological Consultants, Inc.  
P.O. Box 899  
Eagle, CO 81631

prepared for  
Coastal Oil & Gas Company  
Denver, CO

Bureau of Land Management  
Cultural Resources Permit # 98-UT-54945  
expires May 1, 1999

Project No. U-98-MM-0655bi

November 1998

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## Introduction

Metcalf Archaeological Consultants, Inc. (MAC) conducted ten Class III cultural resource inventories in Uintah County, Utah for Coastal Oil and Gas Corporation, Denver, Colorado. These ten well projects are listed in Table 1, which shows the legal location, footage from section lines, total acreage inventoried, access roads and pipeline distances and directions. Figures 1, 2 and 3 depict the well pad locations and associated access and pipeline right-of-ways, plotted on 7.5' USGS quadrangles. Total acreage inventoried during these ten projects equaled 139.9

These cultural resource inventories were conducted to maintain compliance with the National Historic Preservation Act, as amended. The proposed well locations and access roads will be located on land administered by the Bureau of Land Management (BLM), Vernal District Office, Vernal, Utah. The purpose of these inventories was to locate and record cultural resources within the area of potential effect (APE) of the proposed well locations and access roads. If cultural resources were found, their locations were recorded, the appropriate state forms completed (IMAC), a sketch map was drawn, and photographs taken. All recorded cultural resources would then be evaluated for eligibility to the National Register of Historic Places (NRHP), and recommendations concerning their management discussed.

On October 21, 22 and 23, 1998, John C. Scott, staff archaeologist with Metcalf Archaeological Consultants, Inc., conducted cultural resource inventories for ten proposed well pads, associated access roads and pipeline routes. All of these locations were staked and flagged at the time of the inventories. All field notes and other pertinent data are on file at Metcalf Archaeological Consultants, Inc. Eagle, CO.

## Management Summary

Nine of the cultural resource inventories ended up being negative, resulting in no cultural material being recorded. For the 10<sup>th</sup> well pad, CIGE #249-8-10-22, a previously recorded site (42UN663) is located within the ten-acre block inventoried for the well pad. This is a rock shelter that has been evaluated as a non-significant prehistoric site. During this current study the site was visited, recorded on updated site forms and reevaluated. The field archaeologist concurs with the original evaluation of non significant making the site not eligible for the National Register of Historic Places. Cultural resource clearance is recommended for the ten proposed wells, access and pipeline routes as staked at the time of the survey and depicted in Figures 1, 2 and 3.

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**Table 1****Well Locations and Accompanying Information**

<u>Well</u>	<u>Legal T/R/S</u>	<u>Footage</u>	<u>Access Dis/Dir</u>	<u>Pipeline Dis/Dir</u>	<u>Acres</u>
NBU #316	9S 21E/11	2127FNL 1814FEL	305m E	1920m NW	16.5
NBU #337	10S 22E/04	2495FSL 1972FWL	in block	in block	10.0
NBU #338	10S 22E/05	2296FSL 0709FEL	150m S	360m SE	13.7
NBU #339	10S 22E/05	2186FSL 2330FEL	30m SW	450m SE	13.5
NBU #340	10S 22E/06	1887FNL 1556FEL	in block	600m S	14.4
NBU #341	10S 22E/06	2459FNL 606FWL	390m S	300m E	15.1
NBU #344	10S 22E/08	2299FNL 1906FEL	in block	330m NE	12.4
NBU #351	10S 22E/30	688FSL 728FEL	380m SW	in block	12.8
CIGE #249-8-10-22	10S 22E/08	771FNL 783FWL	300m E	300m E	14.4
CIGE #250-8-10-22	10S 22E/08	1766FSL 341FEL	in block	970m N	17.1
				Total Acres	139.9

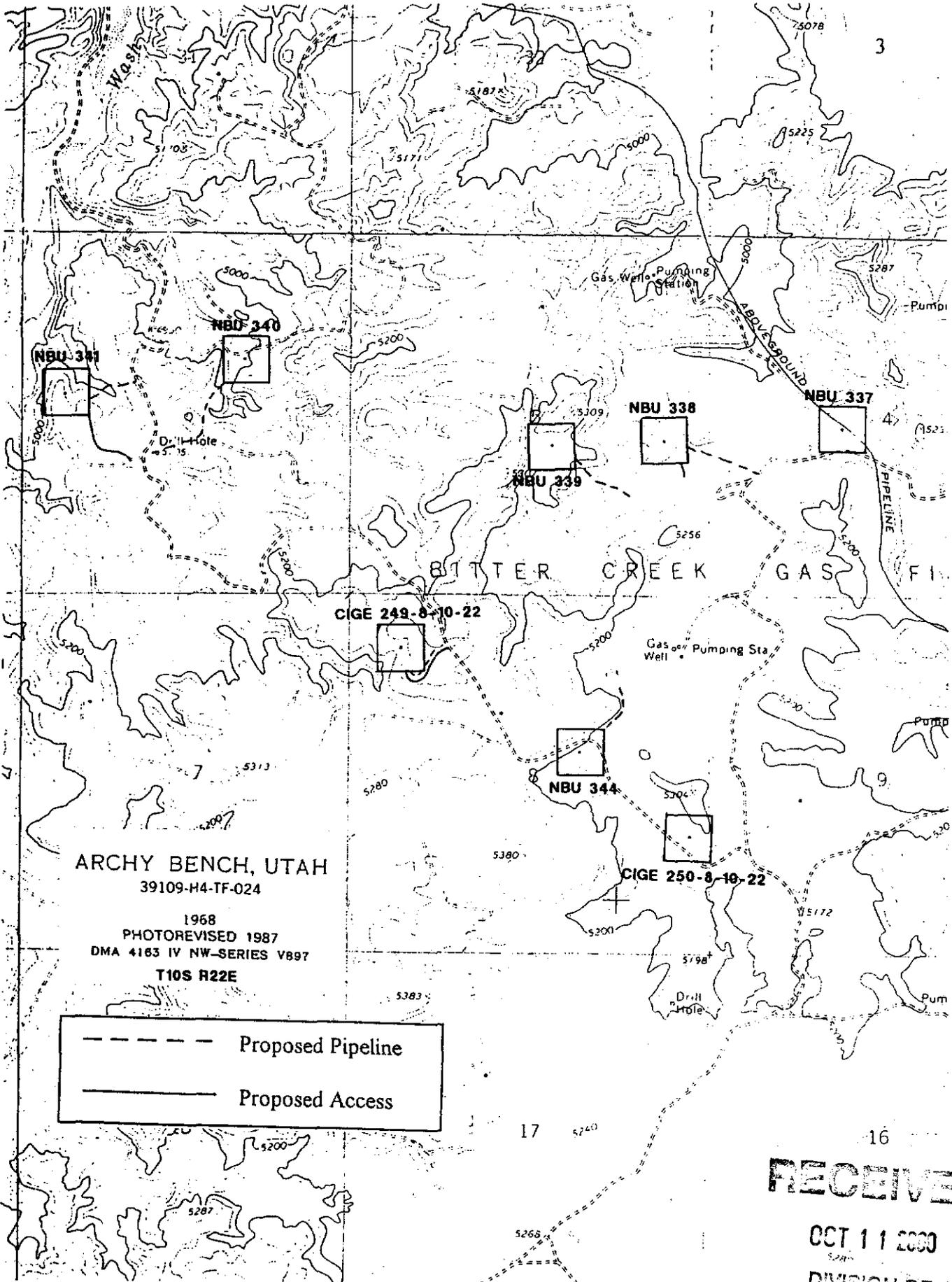
Effective Environment

The project area is located in the Uinta Basin physiographic subdivision of Utah (Stokes 1977). All of the proposed well projects are a few miles south and east/or of the White River. The overall area consists of high ridges and deeply incised intermittent drainages. Geology of the area is dominated by the Eocene Uintah Formation and is often overlain by alluvial surficial deposits. Occasional outcrops of the Green River Formation may also be present (Hintze 1980). Local vegetation is predominantly a sagebrush or shadscale community, which includes low sagebrush, bunch grasses, saltbush, prickly pear cactus, and various grasses and forbs. Specific well, access and pipeline locations are discussed below.

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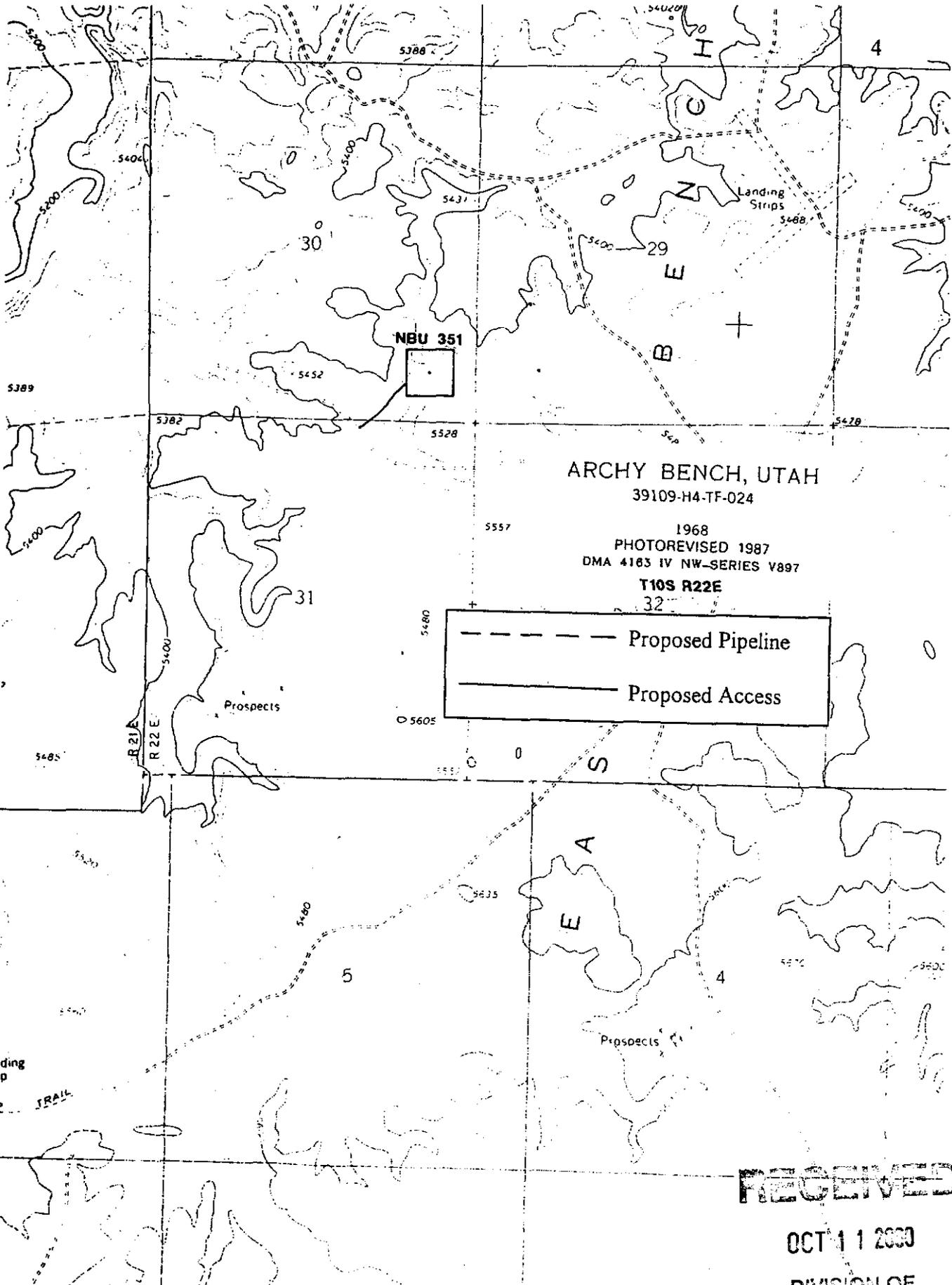


ARCHY BENCH, UTAH  
39109-H4-TF-024

1968  
PHOTOREVISED 1987  
DMA 4163 IV NW-SERIES V897  
T10S R22E

--- Proposed Pipeline  
— Proposed Access

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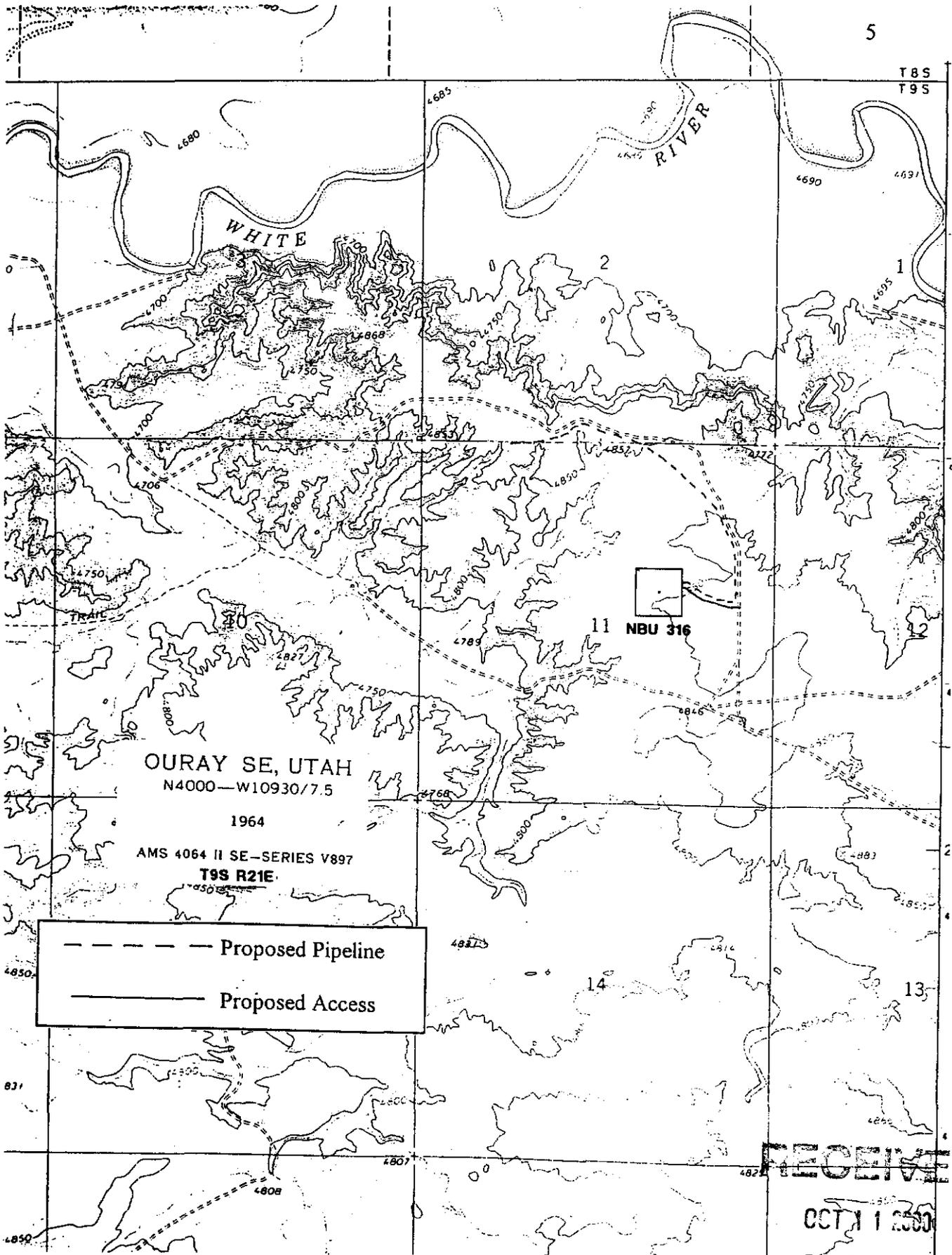
1968  
PHOTOREVISED 1987  
DMA 4163 IV NW-SERIES V897  
T10S R22E  
32

	Proposed Pipeline
	Proposed Access

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- - - - - Proposed Pipeline  
 ——— Proposed Access

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**NBU #316**

T 9 R21E Section 11 NE/SW/NE

The proposed well is located a half mile south of the White River. The ten-acre block is situated on mostly flat terrain with a gentle slope to the north-northwest. Drainage of this area is via sloping to the north-northwest into a deep ephemeral drainage. This in turn drains into an unnamed intermittent drainage which flows north to the White River. Ground surface visibility is good at around 70-75%. Vegetation cover consists of shadscale and sagebrush with mixed grasses. Soils are a sandy clay covered with a sparse sand shadow. In deflated areas a few chert and quartzite pebbles are exposed. The proposed well access leaves an existing north-south oil field road from the SE/SE/NE of section 11. The road will proceed to the west for about 305 meters and tie into the northeast edge of the well pad. A proposed pipeline is staked along the northern edge of the proposed access. The pipeline r-o-w continues on to the north following the existing road through the northeast quarter of the section, into and along the extreme southern portion of section 2. The pipeline route leaves the road and goes south where it will tie into an existing pipeline in the NE/NW/ NW of section 11. The total length for the proposed pipeline is 1920meters.

**NBU #337**

T10S R22E Section 4 NW/NE/SW

This proposed location is on the east side of an unnamed intermittent drainage. The pad is on a bench which forms the east side of this drainage. Flowing to the north, the drainage empties into the White River after one and a half miles. The vegetation cover in this area is extremely sparse, only around 10%. This ground cover is predominately sagebrush with some sparse grasses and forbs mixed in. Soils are a grayish silty clay which is armored with variegated sandstone cobbles and blocks. The access is extremely short coming off an existing road 30 meters to the south. The proposed pipeline ties into an existing pipeline which is found immediately northeast of the well pad location. Both these routes fall within the ten acres inventoried for the well pad.

**NBU #338**

T10S R22E Section 5 NW/NE/SE

Proposed well NBU-338 is located on the south side of an unnamed intermittent drainage. It is situated on a small ledge above the drainage. The northern and northeast portion of the ten-acre block continues down into the drainage bottom. This unnamed intermittent drainage flows generally northward for two miles before emptying into the White River. Vegetation is dominated by a sagebrush community except along the drainage where greasewood becomes the primary plant. Surface visibility is excellent at 90% outside of the drainage but decreases to around 80% in the drainage. Soils above the drainage are a hard pan armored with small gravels while in the drainage the soil composition becomes

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an alluvial sand. Proposed access to the well pad begins from an existing road about 150 meters to the south. The proposed pipeline travels 360 meters east-southeast from the southeast side of the proposed pad to an existing pipeline in the NW/SW of section 4.

**NBU #339**

T10S R22E Section 5 NW/NW/SE

The NBU-339 well pad is staked southwest of a sandstone butte on a fairly flat bench. This bench is situated above a deep intermittent drainage, which is along the bench's south and east sides. The drainage ends up flowing north about two miles to empty into the White River. Vegetation is a shadscale community dominated by various grasses. Ground surface visibility is excellent since the vegetation cover amounts to only about 10%. Soils present are a gray hard pan silt armored with tabular sandstone cobbles. The butte to the southwest is exposed sandstone. The proposed access road leaves an existing oil field road 30 meters off the extreme southwest corner of the ten-acre block. The proposed pipeline departs the pad's eastern side and travels southeast for approximately 450 meters to an existing pipeline in the center of the southeast quarter of the section.

**NBU #340**

T10S R22E Section 6 NE/SW/NE

This proposed location is staked on the east side of an unnamed intermitted drainage. The ten-acre block extends down to the east into the drainage bottom. This drainage is a tributary of Sand Wash located about a half mile to the west. Sand Wash flows generally north for about three miles before flowing into the White River. Vegetation is a shadscale community dominated by saltbush, sparse grasses and forbs covering a very sparse 5% of the ground surface. The entire area is extremely deflated and the soils consist of degraded clay armored in many places by reddish brown and brown sandstone gravels and cobbles. Access to the proposed well pad is via an existing oil field road trending east-west through the ten-acre block. The proposed pipeline departs the pad area from the southwest corner and proceeds southwest for about 600 meters to an existing pipeline in the center of the NE/SW of the section.

**NBU #341**

T10S R22E Section 6 SW/SW/NW

NBU #341 is staked at the north end of a relatively level finger-like ridge with steep drop offs to the west, north and northeast. The project area drains by slope wash to the west into the intermittent known as Sand Wash. Sand Wash flows north three miles to empty into the White River. Vegetation covers only about 10% of the ground surface. This ground cover contains basically sagebrush with little else present. Soils are a hard pan clay armored with sandstone cobbles. The proposed access road leaves an existing oil field road in the SW/NE/SW of the section and proceeds northwest for approximately 190 meters.

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meters to the southern edge of the well pad. The proposed pipeline leaves the southeast corner of the well pad and travels east for about 300 meters to an existing pipeline in the SW/SE/NW of the section near the existing NBU #141 well.

**NBU #344**

T10S R22E Section 8 SW/SW/NE/

Proposed well NBU #344 is located just south of a series of sandstone bluffs that form the southern edge of a ridge. Sandstone boulders have exfoliated off the bluff face and are scattered across the northern portion of the ten-acre block. Drainage of the area is provided by an unnamed intermittent drainage to the east. This drainage flows north about two miles and empties into the White River. Vegetation cover is sparse, around 5-10%, and consists of sagebrush and shadscale with limited grasses and cacti. Soils consist of a hard pan armored with small sandstone pebbles. The northern portion is a loose colluvium with numerous sandstone cobbles, blocks and boulders from the bluffs. Access to the well pad is via an existing oil field road coming down from the northwest of the section. The proposed pipeline leaves the pad from the northeast corner and proceeds northeast about 330 meters to an existing pipeline near the center of the southeast quarter of section 8.

**NBU #351**

T10S R22E Section 30 NW/SE/SE

This proposed well location is staked in an area known as East Bench. The pad will be built along a series of small ledges in a shallow cove formed by surrounding ridges. Intermittent drainages are found to the east and west. Both these flow generally north into Sand Wash, a tributary to the White River which is eight miles to the north. Ground cover in the pad area was only around 10% while along the access this cover increased to about 25%. This is a sagebrush shrubland consisting of mainly sagebrush with sparse grasses and forbs mixed in. There is very little, if any, deposition on the grayish clay hard pan found in the pad area. Along the access road a small flat exists which has a very shallow cover of aeolian sand. The proposed access road leaves an existing road in the NE/NW/NE of section 31 and proceeds northeast for approximately 380 meters to the west edge of the pad. An existing pipeline runs east-west along the north edge of the proposed pad all within the ten-acre block.

**CIGE #249-8-10-22**

T10S R22E Section 8 C/NW/NW

Proposed CIGE #249-8-10-22 is staked on the south side of an east-west trending ridge just above and east of an unnamed tributary of Sand Wash. This general area slopes eastward and drains into the intermittent tributary and eventually into Sand Wash. Sand Wash is an intermittent tributary to the White River. Vegetation is basically a shade

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and mixed grasses community dominated by saltbush. Ground surface cover is around 15%. Both the proposed access road and pipeline follow the same route, which is about 300 meters long. These both depart an existing road and pipeline in the SW/NE/NW of the section and proceed first southwest and then turn back to the northwest to tie into the southeast corner of the proposed pad.

**CIGE #250-8-10-22**

T10S R22E Section 8 SE/NE/SE

The proposed CIGE #250-8-10-22 is located on the south side of an east-west trending ridge. An unnamed intermittent drainage cuts along the west edge of the ten-acre block. This drainage flows generally north to empty into Sand Wash, an intermittent tributary to the White River. The White River is three miles to the northeast. Vegetation is a shadscale community dominated by saltbush with mixed sparse grasses and forbs. Ground surface visibility excellent at 80%. Soils consist of a thick sand sheet. The drainage which cuts along the west edge offers a good view to subsurface deposits in and below the sand sheet. There is no evidence that buried cultural material exists in the sand sheet. Access to the pad will be provided by an existing oil field road that passes diagonally (NW-SE) through the ten-acre block. The proposed pipeline leaves the southeast corner of the pad and follows the same existing oil field road east into section 9. Then the proposed pipeline, and existing road, turns to the north and continues on to the SW/NW/NW of section 9 to tie into an existing pipeline. Total length of the pipeline is about 970 meters.

Files Search

A file search was requested from the Cultural Records Office of the Utah State Historic Preservation Office on July 7, 1998. A second file search was conducted at the Bureau of Land Management (BLM), Vernal District Office on October 22, 1998. The file searches resulted in only one previous inventory being reported within the APE for the ten proposed well pad projects. This was a cultural resource study in 1978 by Archeological-Environmental Research Corporation (AERC) called the Natural Buttes Cultural Mitigation Study. Portions of this study are encountered in the NBU #344 and CIGE #249-8-10-22 project areas. Due to the age of this study, and the fact that study blocks do not entirely cover the APE for NBU #344 and CIGE #249, both of these projects were inventoried during this current study. A previously recorded site (42UN663) was discovered during the 1978 AERC study. This site is located northwest of the CIGE #249 center stake.

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### Methods

The ten proposed Coastal Oil & Gas Company well locations, access roads and pipelines were plotted on USGS 7.5' quadrangle maps then surveyed for cultural resource material. The access roads and proposed pipelines were investigated by walking two zigzag transects, one on each side of the center stakes, so that each side received 15 meters (50 ft) of coverage which equaled a total corridor of 30 meters (100 ft). When linear corridors paralleled existing disturbance (CIGE #250) the entire 30 meters was measured from the edge of the disturbance out. The well locations were covered with a ten-acre block centered on the well pad's center stake and oriented to the cardinal directions. This ten-acre block was investigated by walking parallel transects spaced 15 to 20 meters apart. Special attention was given to areas of surface disturbance (i.e., rodent activities, previous construction areas, erosional areas). These areas were carefully inspected for signs of buried cultural material.

### Results and Recommendations

The only cultural material encountered on any of the ten projects was the previously record site, 42UN663. The CIGE #249 center stake is 70 meters southeast of this site. This prehistoric site consists of a rockshelter/overhang with associated lithic scatter. It was originally recorded in 1978 by Weber of AERC for the Natural Buttes Cultural Mitigation Study. Also during the study a tool, thought to be an arrow smoother or awl sharpener, was collected and curated at BYU. Debitage consisting of cores and flakes of gray mudstone, red quartzite, white and red chert was observed. Also noted, were two bifaces, a mano, hammerstone, fire-cracked rock (FCR), and a scatter of cans and glass. The present visit observed a nearly similar artifact inventory. The rock shelter is facing 165° (SE) toward a drainage basin. The overhang appears to have formed from wind and water scouring an exposed sandstone face at the base of a small ridge. The shelter is nearly eight feet high at the drip line, angles steeply back and down for five meters, and is approximately 10 meters long. Also, there are reddish and dark gray areas on the ceiling, which may be from fire. The shelter floor slopes to the east, and any deposition that might have been present has been washed away by runoff that flows along the foot of the ridge following the natural slope.

The original recording describes the site as non-significant, lacking depth and diagnostic artifacts, but in good condition. Even though AERC evaluated it as non-significant they recommended avoidance. MAC agrees that the site lacks deposition and diagnostics, and consequently is non-significant. However, the site is heavily deflated by erosional impacts in the form of sheet wash and wind erosion. Consequently the site is in poor condition. Since the site is evaluated as non-significant avoidance is not necessary and no further work is required for the CIGE #249 well project.

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None of the other nine well projects had any cultural material within their project boundaries. Since there are no significant cultural resources within the project boundaries cultural resource clearance is recommended for all ten proposed well projects. No further work is necessary for the wells as staked during field work and depicted in Figures 1, 2 and 3.

#### References Cited

Hintze, L.

1980 Geologic Map of Utah. Dept.of Natural Resources, Utah Geological and Mineral Survey, Salt Lake City.

Stokes, M.

1977 Physiographic Subdivisions of Utah. Dept.of Natural Resources, Utah Geological and Mineral Survey, Salt Lake City.

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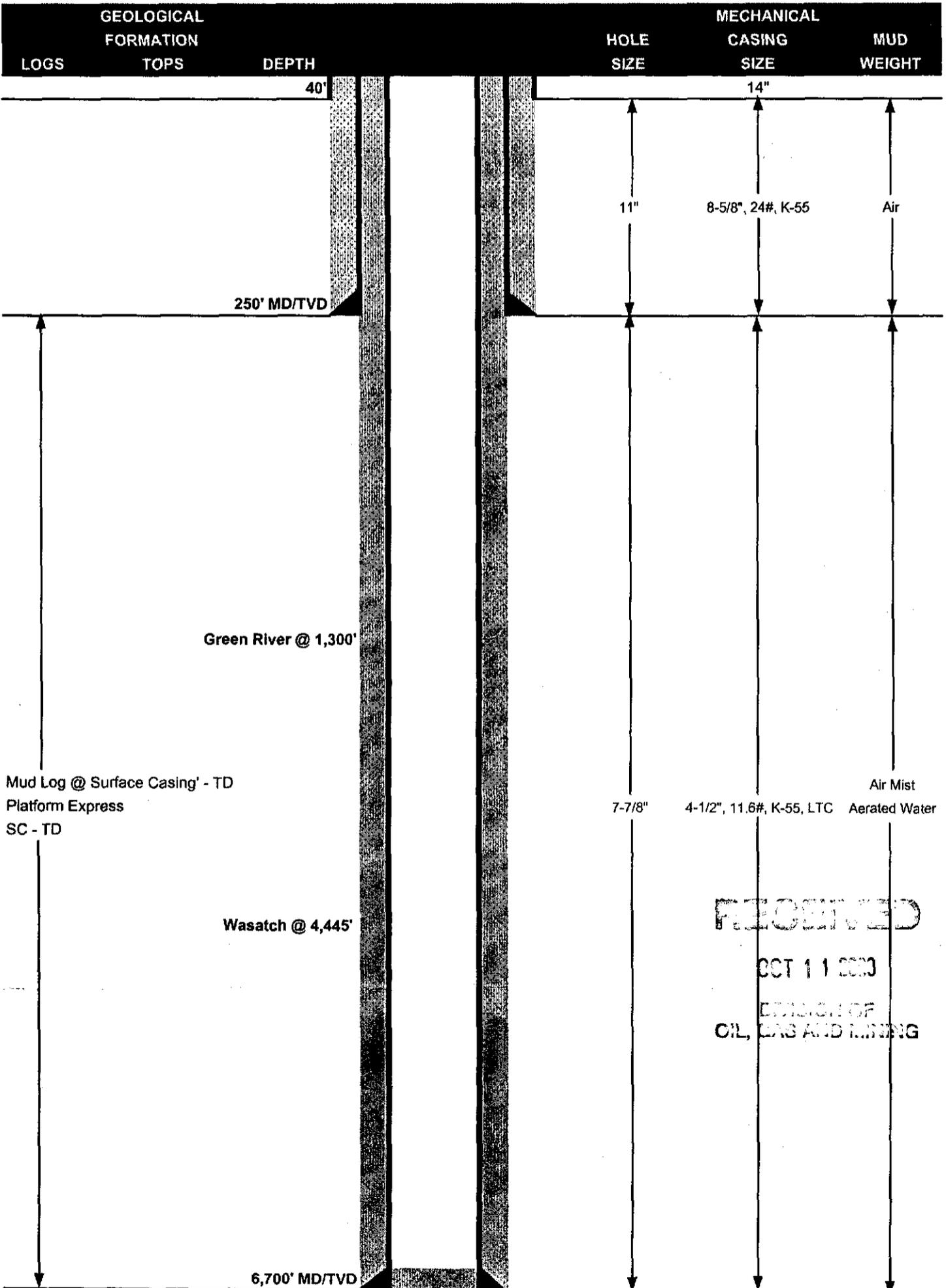
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DIVISION OF  
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# COASTAL OIL & GAS CORPORATION

## DRILLING PROGRAM

COMPANY NAME Coastal Oil & Gas Corporation DATE 9/5/00  
 WELL NAME NBU #341 TD 6,700' MD/TVD  
 FIELD NBU COUNTY Uintah STATE Utah ELEVATION 5,100' KB  
 SURFACE LOCATION 2459' FNL & 606' FWL, Section 6 T10S-R22E BHL Straight Hole  
 OBJECTIVE ZONE(S) Wasatch  
 ADDITIONAL INFO \_\_\_\_\_



## COASTAL OIL & GAS CORPORATION DRILLING PROGRAM

**CASING PROGRAM**

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'				2950	1370	263000
SURFACE	8-5/8"	0-250'	24#	K-55	STC	21.03	11.71	4.70
						5350	4960	180000
PRODUCTION*	4-1/2"	0-TD	11.6#	K-55	LTC	2.26	1.42	1.41

- 1) Maximum Anticipated Surface Pressure (MASP) (Conductor and Surface Casings) = (Frac Gradient at Shoe - Gas Gradient (0.115 psi/ft))(TVD)
  - 2) MASP (Int Casing) = Pore Pressure at Next Casing Point - (Gas Gradient x TVD of Next Casing Point x 0.67) - (Mud Weight x TVD x 0.052 x 0.33)
  - 3) MASP (Prod Casing) = Pore Pressure - (Gas Gradient x TVD of Production Interval)
- (Burst Assumptions: FG @ 8-5/8" shoe = 13.0 ppg, Max Pore Pressure = 9.0 ppg EMW)  
 (Collapse Assumption: Fully Evacuated Casing, Max MW)      (Tension Assumptions: Air Weight of Casing, 50,000 lbs overpull)

**CEMENT PROGRAM**

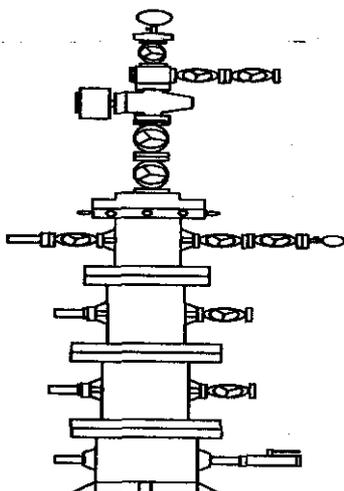
		FT. OF FILL	DESCRIPTION	SACKS	EXCESS*	WEIGHT	YIELD
SURFACE		250	Class G + 2% CaCl <sub>2</sub> + 0.25 lb/sk Cello Flake	90	35%	15.80	1.17
PRODUCTION	LEAD	4145	Premium Lite II + 3 lb/sk CSE + 0.5% Sodium Metasilicate + 10% Gel + 0.25 lb/sk Cello Flake + 3% Salt + 3 lb/sk Kol Seal	540	100%	11.00	3.44
	TAIL	2555	50/50 POZ + 0.1% R-3 + 1% EC-1 + 0.2% Sodium Metasilicate + 2% Gel + 0.5% FL-25 + 3% Salt	840	75%	14.5	1.23

\* or 15% over caliper log

**FLOAT EQUIPMENT & CENTRALIZERS**

SURFACE	Guide shoe, 1 jt, float collar. Centralize first 3 joints & every other joint to surface with bow spring centralizers. Thread lock FE up to & including pin end of FC.
PRODUCTION	Guide shoe, 1 jt, float collar. Centralize first 3 joints & every other joint to top of tail cement with bow spring centralizers.

**WELLHEAD EQUIPMENT**



TREE	2-1/16" 5M
TUBING HEAD	11" 3M X 7-1/16" 5M
CASING SPOOL	_____
CASING SPOOL	_____
CASING HEAD	8-5/8" SOW X 11" 3M

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## COASTAL OIL & GAS CORPORATION DRILLING PROGRAM

### BIT PROGRAM

ROCK BIT & PDC BIT PROGRAM						
INTERVAL	HOLE	BIT MFG & MODEL	GPM	SERIAL	NZLS	COMMENTS
Surface Hole	11"	Various				
Surf Csg - TD	7-7/8"	SEC XS44	Air/Mist Aerated	New	16-16-16	

If an additional bit is required use another insert.

### GEOLOGICAL DATA

**LOGGING:**

Depth	Log Type
SC - TD	Platform Express

**MUD LOGGER:**

SC - TD

**SAMPLES:**

As per Geology

**CORING:**

NA

**DST:**

NA

### MUD PROGRAM

DEPTH	TYPE	MUD WT	WATER		TREATMENT
			LOSS	VISCOSITY	
0-Trona (0 - +/-2,000')	Air/Mist	NA	NA		Polymer, Gel Gyp, Lime
Trona-TD (+/- 2,000' - TD)	Aerated Water	NA	NC	NA	Polymer, Gyp, Lime

Circulate hole until clean @ TD. Spot brine pill at TD for logs and casing.

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### ADDITIONAL INFORMATION

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Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 3M with one annular and 2 rams. Test to 3,000 psi (annular to 1,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.

Run Totco survey every 1,500' from surface casing shoe to TD. Maximum allowable hole angle is 5 degrees.

Treat for corrosion as per plan.

**PROJECT ENGINEER:**

Christa Yin

**DATE:**

**PROJECT MANAGER:**

Darrell Moinar

**DATE:**



October 10, 2000

State of Utah  
Division of Oil Gas & Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, UT 84114

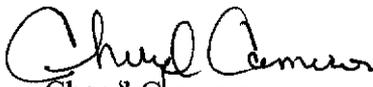
**ATTENTION: Lisha Cordova**

Dear Lisha,

The location for the NBU #341 proposed well to be drilled in the SW/NE Lot 5, Sec. 6, T10S, R22E, Uintah County, Utah is 2459' FNL & 606' FWL of said Sec. 6. This location is not within 460 feet from the boundary of the Natural Buttes Unit, nor is it within 460 feet of any non-committed tract lying within the boundaries of the Unit.

If you have questions or need additional information, please do not hesitate to call me, (435) 781-7023.

Sincerely,

  
Cheryl Cameron  
Sr. Regulatory Analyst

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**Coastal Oil & Gas Corporation**

A SUBSIDIARY OF THE COASTAL CORPORATION  
1368 S 1200 E • PO BOX 1148 • VERNAL UT 84078 • 435/789-4433 • FAX 435/789-4436

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 10/11/2000

API NO. ASSIGNED: 43-047-33726
--------------------------------

WELL NAME: NBU 341  
 OPERATOR: COASTAL OIL & GAS CORP ( N0230 )  
 CONTACT: CHERYL CAMERON

PHONE NUMBER: 435-781-7023

PROPOSED LOCATION:  
 SWNW 06 100S 220E  
 SURFACE: 2459 FNL 0606 FWL  
 BOTTOM: 2459 FNL 0606 FWL  
 UINTAH  
 NATURAL BUTTES ( 630 )

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

LEASE TYPE: 1-Federal  
 LEASE NUMBER: U-464  
 SURFACE OWNER: 1-Federal

PROPOSED FORMATION: WSTC

RECEIVED AND/OR REVIEWED:  
 Plat  
 Bond: Fed[1] 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 Natural Buttes  
 \_\_\_ R649-3-2. General  
 Siting: \_\_\_\_\_  
 \_\_\_ R649-3-3. Exception  
 Drilling Unit  
 Board Cause No: 173-14  
 Eff Date: 12-2-99  
 Siting: 460' E. Unit Boundary E. Uncomm. Tract.  
 \_\_\_ R649-3-11. Directional Drill

COMMENTS: NBU Sol, separate file.

STIPULATIONS: ① FEDERAL APPROVAL  
② OIL SHALE





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 16, 2000

Coastal Oil & Gas Corporation  
PO Box 1148  
Vernal, UT 84078

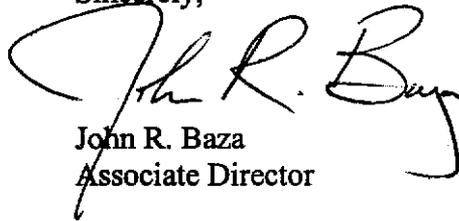
Re: Natural Buttes Unit 341 Well, 2459' FNL, 606' FWL, SW NW, Sec. 6, T. 10 South,  
R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-33726.

Sincerely,



John R. Baza  
Associate Director

er  
Enclosures

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

Operator: Coastal Oil & Gas Corporation  
Well Name & Number Natural Buttes Unit 341  
API Number: 43-047-33726  
Lease: U-464

Location: SW NW Sec. 6 T. 10 South R. 22 East

### Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338
- Contact Robert Krueger at (801) 538-5274.

3. Reporting Requirements

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

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. <b>U-464</b>
1b. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name <b>N/A</b>
2. Name of Operator <b>Coastal Oil &amp; Gas Corporation</b>		7. Unit or CA Agreement Name and No. <b>Natural Buttes Unit</b>
3a. Address <b>P.O. Box 1148, Vernal, UT 84078</b>		8. Lease Name and Well No. <b>NBU #341</b>
3b. Phone No. (include area code) <b>(435)-781-7023</b>		9. API Well No. <b>N/A</b>
4. Location of Well (Report location clearly and in accordance with any State requirements)* At surface <b>SW NW</b> At proposed prod. zone <b>2459'FNL &amp; 606'FWL</b>		10. Field and Pool, or Exploratory <b>Natural Buttes Field</b>
14. Distance in miles and direction from nearest town or post office* <b>52.5 Miles Southwest of Vernal, Utah</b>		11. Sec., T., R., M., or Blk. and Survey or Area <b>Lot 5, Sec.6-T10S-R22E</b>
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drg. unit line, if any) <b>606'</b>	16. No. of Acres in lease <b>206.97</b>	17. Spacing Unit dedicated to this well <b>N/A</b>
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. <b>Refer to Topo "C"</b>	19. Proposed Depth <b>6700'</b>	20. BLM/BIA Bond No. on file <b>U-605382-9</b>
21. Elevations (Show whether DF, KDB, RT, GL, etc.) <b>5099.2' Ungraded GR</b>	22. Approximate date work will start* <b>Upon Approval</b>	23. Estimated duration <b>To Be Determined</b>

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OCT 10 2000

24. Attachments

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

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

25. Signature 	Name (Printed/Typed) <b>Cheryl Cameron</b>	Date <b>9/26/00</b>
-------------------	---	------------------------

Approved by (Signature) 	Name (Printed/Typed) <b>NOTICE OF APPROVAL</b>	Date <b>12/15/00</b>
Title <b>Assistant Field Manager Mineral Resources</b>	Office	

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

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

\*(Instructions on Reverse)

**RECEIVED**

DEC 26 2000  
DIVISION OF  
OIL, GAS AND MINING

DOGIM

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Coastal Oil & Gas Corporation

Well Name & Number: NBU 341

API Number: 43-047-33726

Lease Number: U-464

Location: LOT 5 (SWNW) Sec. 06 T. 10S R. 22E

Agreement: Natural Buttes WS MV

**CONDITIONS OF APPROVAL FOR NOTICE TO DRILL**

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

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

A. DRILLING PROGRAM

1. Casing Program and Auxiliary Equipment

As a minimum, the usable water resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Green River Formation, identified at 1,175 ft.

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

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

-The location topsoil pile will be seeded immediately after the soil is piled by broadcasting the seed mix identified in the APD, then walking the topsoil pile with the dozer to plant the seed.

All poundages are in Pure Live Seed.

-The subsoil which is piled on the location is for the construction of tank dikes. **Topsoil will not be used for the construction of tank dikes.**

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

-If vertebrate fossils are encountered during the construction of the well pad, the project paleontologist must be notified immediately to evaluate the discovery before construction continues.

Form 3160-5  
(August 1999)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter 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. <b>U-464</b>	
6. If Indian, Allottee or Tribe Name N/A	
7. If Unit or CA Agreement, Name and No. <b>NATL BUTTES UNIT</b>	
8. Lease Name and Well No. <b>NATURAL BUTTES UNIT #341</b>	
9. API Well No. <b>4304733726</b>	
1. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	10. Field and Pool, or Exploratory <b>NATURAL BUTTES</b>
2. Name of Operator <b>COASTAL OIL &amp; GAS CORPORATION CONTACT: CHERYL CAMERON OPERATIONS EMAIL: Cheryl.Cameron@CoastalCorp.com</b>	11. County or Parish, State <b>UINTAH, UT</b>
3a. Address <b>P.O. BOX 1148 VERNAL, UT 84078</b>	3b. Phone No. (include area code) <b>TEL: 435.781.7023 EXT: FAX: 435.789.4436</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>Sec 6 T10S R22E SWNW 2459FNL 606FWL</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"/> <b>WELL SPUD</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed 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 the 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 the BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of involved operations. If the operation results in 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.)

**SPUD WELL AT 11PM ON 03/15/01 WITH BILL MARTIN JR. RATHOLE RIG.  
DRILL 12.25" HOLE TO 258'. RIH W/255' 8.625" 24# K-55 CSG.  
MIX & PUMP 165 SX PREM G @ 15.8 PPG, 1.15 CU. FT., NO RETURN.  
MIX & PUMP 70 SX PREM G @ 15.8 PPG, 1.15 CU. FT., NO RETURN.  
DROP PLUG. DISPLACE W/13 BBLs H2O.**

**RECEIVED**  
**APR 11 2001**  
**DIVISION OF**  
**OIL, GAS AND MINING**

Name (Printed/Typed) <i>Cheryl Cameron</i>	Title
Signature <i>Cheryl Cameron</i>	Date <i>4/9/01</i>

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

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

**ELECTRONIC SUBMISSION #3483 VERIFIED BY THE BLM WELL INFORMATION SYSTEM FOR COASTAL OIL & GAS CORPORATION SENT TO THE VERNAL FIELD OFFICE**

OPERATOR Coastal Oil & Gas Corp.  
 ADDRESS P.O. Box 1148  
Vernal, UT 84078  
(435) 781-7023

OPERATOR ACCT. NO. N 0230

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	2900	43-047-33726	Natural Buttes Unit 341	SWNW	6	10S	22E	Uintah	3/15/01	3/15/01

WELL 1 COMMENTS:  
 Spud 03/15/01 at 11pm with Bill Martin Jr. Rathole Rig  
 4-12-01

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

WELL 2 COMMENTS:

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

WELL 3 COMMENTS:

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

WELL 4 COMMENTS:

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

WELL 5 COMMENTS:

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

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

**RECEIVED**  
 APR 11 2001  
 DIVISION OF  
 OIL, GAS AND MINING

*Cori Mathisen*  
 Signature Cori Mathisen  
 Regulatory Analyst 04/06/01  
 Title \_\_\_\_\_ Date \_\_\_\_\_  
 Phone No. (435) 781-7030

Form 3160-5  
(August 1999)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals

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

<b>SUBMIT IN TRIPLICATE- Other Instructions on reverse side</b>		5. Lease Serial No. U-464
1. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator COASTAL OIL & GAS CORPORATION CONTACT: CHERYL CAMERON OPERATIONS EMAIL: Cheryl.Cameron@CoastalCorp.com		7. If Unit or CA Agreement, Name and No. NATL BUTTES UNIT
3a. Address P.O. BOX 1148 VERNAL, UT 84078	3b. Phone No. (include area code) TEL: 435.781.7023 EXT: FAX: 435.789.4436	8. Lease Name and Well No. NBU #341
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  Sec 6 T10S R22E SWNW 2459FNL 606FWL		9. API Well No. 4304733726
		10. Field and Pool, or Exploratory NATURAL BUTTES FIELD
		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 SUNDRY NOTICE
	<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 the 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 the BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of involved operations. If the operation results in multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**FINISHED DRILLING FROM 258' TO 6250' RAN 148 JTS 4 1/2" 11.6# K-55 CASING (6248.20' TO 6248'KB).  
PUMP 40 BBLs FLUSH AHEAD, LEAD SLURRY 410 SX HILIFT CMT WT 11.0 LB/GAL, YIELD 3.81 CU.FT/SK TAIL  
SLURRY 580 SX 10-0 RFC W/ADDS ET 14.2 LB/GAL YIELD 1.51 CU.FT/SK. DROP PLUG. NO RETURNS, CHECK  
FLOATS, HELD OK. BUMP PLUG.**

RELEASED RIG ON 4/19/01 AT 5:00 P.M.

RECEIVED  
APR 22 2001  
BUREAU OF  
OIL AND GAS DRILLING

Name (Printed/Typed) CHeryl Cameron	Title
Signature <i>Cheryl Cameron</i>	Date 4/30/01

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

**ELECTRONIC SUBMISSION #3918 VERIFIED BY THE BLM WELL INFORMATION SYSTEM FOR COASTAL OIL & GAS CORPORATION SENT TO THE VERNAL FIELD OFFICE**

Form 3160-4  
(August 1999)

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

5. Lease Serial No.  
**U-464**

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

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

7. Unit or CA Agreement Name and No.  
**NATL BUTTES UNIT**

2. Name of Operator  
**COASTAL OIL & GAS CORPORATION** CONTACT: **CHERYL CAMERON**  
EMAIL: **Cheryl.Cameron@CoastalCorp.com**

8. Lease Name and Well No.  
**NBU #341**

3. Address **P.O. BOX 1148** 3a. Phone No. (include area code)  
**VERNAL, UT 84078** TEL: **435.781.7023 EXT:**

9. API Well No.  
**4304733726**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At Surface **LOT #:5 SWNW 2459FNL 606FWL**

10. Field and Pool, or Exploratory  
**NATURAL BUTTES FIELD**

11. Sec., T., R., M., on Block and Survey or Area  
**Sec 6 T10S R22E UBM**

12. County or Parish  
**UINTAH** 13. State  
**UT**

At top prod. interval reported below

At total depth

14. Date Spudded  
**3/15/01** 15. Date T.D. Reached  
**4/19/01** 16. Date Completed **4/29/01**  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
**5099 GL**

18. Total Depth: MD **6250** 19. Plug Back T.D.: MD **6193** 20. Depth Bridge Plug Set: MD  
TVD TVD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

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

*VCBL-CCL-GR 5-2-01*  
*CN/LO/AL/GR 4-23-01*

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	Sturry Vol. (BBL)	Cement Top*	Amount Pulled
12.25	8.625 K-55	24		258		165			
7.875	4.5 K-55	11.6		6250		1090			

24. Tubing Record

Size	Depth Set(MD)	Packer Depth(MD)	Size	Depth Set(MD)	Packer Depth(MD)	Size	Depth Set(MD)	Packer Depth(MD)
2.375	6109							

25. Producing Intervals *PZ, WSM/RD/Cr #290* 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WASATCH	6161	6169	6161 To 6169		31	
B) WASATCH	6060	6064	6060 To 6064		16	
C) WASATCH	5780	5784	5780 To 5784		16	
D) WASATCH	5468	5476	5468 To 5476		32	

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

Depth Interval	Amount and Type of Material
5468 To 5476	39500 20/40 SD W/PROPNET & 432 BBLs YF113ST LQ/GEL
5780 To 5784	26000 20/40 SD W/PROPNET & 314 BBLs YF113ST LQ/GEL
6060 To 6064	23000 20/40 SD W/PROPNET & 297 BBLs YF113ST LQ/GEL
6161 To 6169	39000 20/40 SD W/PROPNET & 476 BBLs YF113ST LQ/GEL

MAY 11 2001

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 Corr. API	Gas Gravity	Production Method
4/29/01	5/1/01	24	→	0	633	53			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 240	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
40/84	160	240	→	0	633	53		PRODUCING GAS WELL	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
4/29/01	5/1/01	24	→	0	633	53			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 240	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
40/84	160	240	→	0	633	53		PRODUCING GAS WELL	

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

ELECTRONIC SUBMISSION #4059 VERIFIED BY THE BLM WELL INFORMATION SYSTEM FOR COASTAL OIL & GAS CORPORATION SENT TO THE VERNAL FIELD OFFICE

28b. Production - Interval C

Date First Produced <b>4/29/01</b>	Test Date <b>5/1/01</b>	Hours Tested <b>24</b>	Test Production →	Oil BBL <b>0</b>	Gas MCF <b>633</b>	Water BBL <b>53</b>	Oil Gravity Corr. API	Gas Gravity	Production Method <b>FLOWS FROM WELL</b>
Choke Size <b>40/64</b>	Tbg. Press. Flwg. <b>160</b> SI	Csg. Press. <b>240</b>	24 Hr. Rate →	Oil BBL <b>0</b>	Gas MCF <b>633</b>	Water BBL <b>53</b>	Gas:Oil Ratio	Well Status <b>PRODUCING GAS WELL</b>	

28c. Production - Interval D

Date First Produced <b>4/29/01</b>	Test Date <b>5/1/01</b>	Hours Tested <b>24</b>	Test Production →	Oil BBL <b>0</b>	Gas MCF <b>633</b>	Water BBL <b>53</b>	Oil Gravity Corr. API	Gas Gravity	Production Method <b>FLOWS FROM WELL</b>
Choke Size <b>40/64</b>	Tbg. Press. Flwg. <b>160</b> SI	Csg. Press. <b>240</b>	24 Hr. Rate →	Oil BBL <b>0</b>	Gas MCF <b>633</b>	Water BBL <b>53</b>	Gas:Oil Ratio	Well Status <b>PRODUCING GAS WELL</b>	

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

**SOLD**

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

Formation	Top	Bottom	Description, Contents, etc.	Name	Top
					Meas. Depth
				<b>GREENRIVER WASATCH</b>	<b>1404 4505</b>

32. Additional remarks (include plugging procedure):

**PERF WASATCH: 5271'-5277' 4 SPF 24 HOLES; FRAC W/32500# 20/40 SD W/PROPNET IN LAST 10% SD & 452 BBLs YF113ST LIQUID/GEL.**  
**PERF WASATCH: 4744'-4754' 4 SPF 40 HOLES; FRAC W/44180# 20/40 SD W/PROPNET IN LAST 10% SD & 497 BBLs YF113ST LIQUID/GEL.**

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:

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

*SU*  
 Name (please print) \_\_\_\_\_ Title \_\_\_\_\_

Signature *Shelley Cameron* Date **5/8/01**

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

**ELECTRONIC SUBMISSION #4059 VERIFIED BY THE BLM WELL INFORMATION SYSTEM FOR COASTAL OIL & GAS CORPORATION SENT TO THE VERNAL FIELD OFFICE**

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
7. UNIT or CA AGREEMENT NAME:  
8. WELL NAME and NUMBER:  
Exhibit "A"  
9. API NUMBER:  
10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER \_\_\_\_\_  
2. NAME OF OPERATOR:  
El Paso Production Oil & Gas Company  
3. ADDRESS OF OPERATOR:  
8 South 1200 East CITY: Vernal STATE: Utah ZIP: 84078 PHONE NUMBER: 435-789-4433

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: \_\_\_\_\_ COUNTY: \_\_\_\_\_  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: \_\_\_\_\_ STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>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 [Signature] DATE 06-15-01  
El Paso Production Oil & Gas Company  
NAME (PLEASE PRINT) John T. Elzner TITLE Vice President  
SIGNATURE [Signature] DATE 06-15-01

(This space for State use only)

RECEIVED

JUN 19 2001

DIVISION OF OIL, GAS AND MINING

State of Delaware  
Office of the Secretary of State

---

PAGE 1

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.

RECEIVED

MAR 14 2001

DIVISION OF  
OIL, GAS AND MINING



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

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

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.

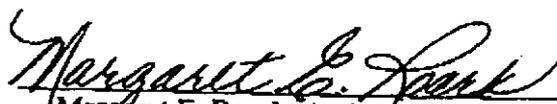
THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

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, Assistant Secretary

RECEIVED

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

JUN 19 2001

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

# RECEIVED

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: NATURAL BUTTES**

**WELL(S)**

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 141	43-047-32017	2900	06-10S-22E	FEDERAL	GW	P
CIGE 179-6-10-22	43-047-32400	2900	06-10S-22E	FEDERAL	GW	P
NBU 243	43-047-32930	2900	06-10S-22E	FEDERAL	GW	P
CIGE 196-6-10-22	43-047-33003	2900	06-10S-22E	FEDERAL	GW	P
NBU 340X	43-047-34015	2900	06-10S-22E	FEDERAL	GW	P
NBU 341	43-047-33726	2900	06-10S-22E	FEDERAL	GW	P
NBU 244	43-047-32931	2900	07-10S-22E	FEDERAL	GW	P
NBU 342	43-047-33727	2900	07-10S-22E	FEDERAL	GW	P
NBU 245	43-047-33004	2900	08-10S-22E	FEDERAL	GW	P
NBU 343	43-047-33719	2900	08-10S-22E	FEDERAL	GW	P
CIGE 250	43-047-33743	2900	08-10S-22E	FEDERAL	GW	P
UTE TRAIL U 83X-9H	43-047-15388	2900	09-10S-22E	FEDERAL	GW	P
NBU CIGE 14-9-10-22	43-047-30484	2900	09-10S-22E	FEDERAL	GW	P
NBU 152	43-047-31990	2900	09-10S-22E	FEDERAL	GW	P
NBU 151	43-047-31991	2900	09-10S-22E	FEDERAL	GW	P
NBU 150	43-047-31992	2900	09-10S-22E	FEDERAL	GW	P
NBU 204	43-047-32342	2900	09-10S-22E	FEDERAL	GW	P
NBU 205	43-047-32344	2900	09-10S-22E	FEDERAL	GW	P
NBU 291	43-047-32911	2900	09-10S-22E	FEDERAL	GW	P
NBU 292	43-047-33474	2900	09-10S-22E	FEDERAL	GW	P

**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: 08/08/2001
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 08/08/2001
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 filed 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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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. U-464
2. Name of Operator EL PASO PRODUCTION		6. If Indian, Allottee or Tribe Name N/A
3a. Address P.O. BOX 1148 VERNAL, UT 84078		7. If Unit or CA/Agreement, Name and/or No. NATURAL BUTTES
3b. Phone No. (include area code) Ph: 435.781.7023 Fx: 435.789.4436		8. Well Name and No. NBU 341
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 6 T10S R22E Mer SWNW 2459FNL 606FWL		10. Field and Pool, or Exploratory NATURAL BUTTES FIELD
		11. County or Parish, and State UINTAH COUNTY, UT

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

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

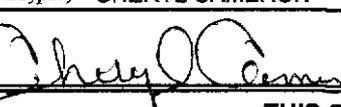
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths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

Any produced water from the subject well will be contained in a water tank and will be hauled by truck to one of the pre-approved disposal sites: RNI, Sec.5, T9S, R22E, NBU #159, Sec.35, T9S, R21E, Ace Oilfield, Sec.2, T6S, R20E, MC&MC, Sec.12, T6S, R19E.

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

**RECEIVED**  
SEP 04 2001  
DIVISION OF  
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #6744 verified by the BLM Well Information System For EL PASO PRODUCTION, sent to the Vernal**

Name (Printed/Typed) CHERYL CAMERON	Title OPERATIONS
Signature 	Date 08/29/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

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 5409

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.

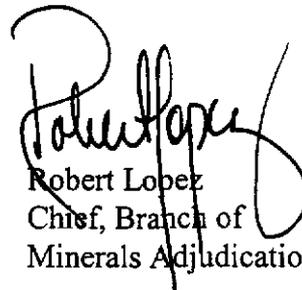
For our purposes, the name change is recognized effective December 31, 2001.

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.

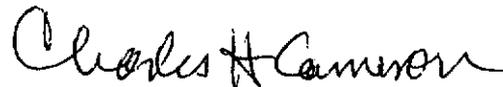
We have no objection.

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 INDIAN AFFAIRS

Washington, D.C. 20240

FEB 10 2003

IN REPLY REFER TO:  
Real Estate Services

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

Dear Mr. Wilson:

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

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

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

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

Sincerely,

Director, Office of Trust Responsibilities

**ACTING**

Enclosure



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO  
UT-922

February 27, 2003

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

Re: Natural Buttes Unit  
Uintah County, Utah

Gentlemen:

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

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

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

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

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

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

UT922:TAThompson:tt:02/27/2003

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

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

FORM 9

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

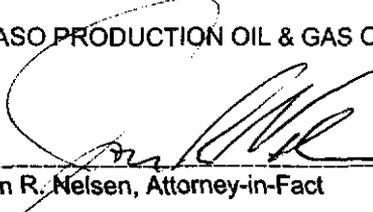
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____  <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of 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.

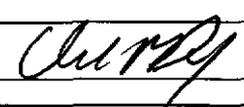
Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

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

(This space for State use only)

Form 3160-5  
(August 1999)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

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

6. If Indian, Allottee or Tribe Name

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

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

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

10. Field and Pool, or Exploratory Area

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

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

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

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

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

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

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

**SUCCESSOR OF OPERATOR**

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration then. If the proposal is to deepen directionally or recompletes horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and 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 when 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. 158626354, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED  
MAR 04 2003

BUREAU OF OIL, GAS & MINING

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

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

Signature *Cheryl Cameron* Date **March 4, 2003**

THIS SPACE FOR FEDERAL OR STATE USE

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Office \_\_\_\_\_

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

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

(Instructions on reverse)

**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: **12-17-02**

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

**CA No. Unit: NATURAL BUTTES**

**WELL(S)**

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 141	06-10S-22E	43-047-32017	2900	FEDERAL	GW	P
CIGE 179-6-10-22	06-10S-22E	43-047-32400	2900	FEDERAL	GW	P
NBU 243	06-10S-22E	43-047-32930	2900	FEDERAL	GW	P
NBU 116	06-10S-22E	43-047-31925	2900	FEDERAL	GW	P
NBU CIGE 74D-6-10-22P	06-10S-22E	43-047-30953	2900	FEDERAL	GW	S
CIGE 196-6-10-22P	06-10S-22E	43-047-33003	2900	FEDERAL	GW	P
NBU 341	06-10S-22E	43-047-33726	2900	FEDERAL	GW	P
NBU 340	06-10S-22E	43-047-33725	2900	FEDERAL	GW	PA
NBU 340X	06-10S-22E	43-047-34015	2900	FEDERAL	GW	P
NBU CIGE 53-6-10-22	06-10S-22E	43-047-30533	2900	FEDERAL	GW	PA
NBU 84V	06-10S-22E	43-047-31245	2900	FEDERAL	GW	PA
NBU 344	07-10S-22E	43-047-32931	2900	FEDERAL	GW	P
CIGE 282	07-10S-22E	43-047-34436	2900	STATE	GW	P
NBU CIGE 23-7-10-22	07-10S-22E	43-047-30333	2900	STATE	GW	P
NBU CIGE 83D-7-10-22	07-10S-22E	43-047-30865	2900	STATE	GW	PA
CIGE 141-7-10-22	07-10S-22E	43-047-31970	2900	FEDERAL	GW	PA
NBU 470	07-10S-22E	43-047-34833	99999	STATE	GW	APD
NBU 343	08-10S-22E	43-047-33719	2900	FEDERAL	GW	P
CIGE 250	08-10S-22E	43-047-33743	2900	FEDERAL	GW	P
NBU 245	08-10S-22E	43-047-33004	2900	FEDERAL	GW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 02/28/2003
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/06/2003
- Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- If **NO**, the operator was contacted on: \_\_\_\_\_

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

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

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

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

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

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

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 03/24/2003
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 03/24/2003
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

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

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

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

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

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

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

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

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number RLB 0005238
2. The FORMER operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-

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

Multiple Wells - see attached

5. Lease Serial No.

Multiple Wells - see attached

6. If Indian, Allottee or Tribe Name

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

891008900A

8. Well Name and No.

Multiple Wells - see attached

9. API Well No.

Multiple Wells - see attached

10. Field and Pool, or Exploratory Area

Natural Buttes Unit

11. County or Parish, State

Uintah County, UT

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

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

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.

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

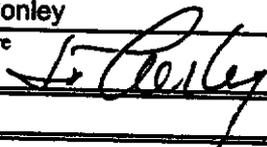
The volume lost to shrinkage by dropping the tank pressure from 6 ozs. to 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of original volume to 98.52% when the pressure was dropped. The average NBU well produces approximately 6 bbls condensate per month. The resulting shrinkage would amount to 0.56 bbls per month lost volume due to shrinkage. The value of the shrunk and lost condensate does not recoup or payout the cost of installing and maintaining the valves and other devices that hold the positive tank pressure. An economic run based on the loss and costs is attached. Westport Oil & gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

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

Name (Printed/Typed)

J.T. Conley

Signature



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

Title

Date

Initials

Date

Operations Manager

9-2-2003

SEP 10 2003

DIV. OF OIL, GAS & MINING

Approved by

Title

Date

Office

Date: 9/16/03

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.

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Federal Approval of This  
Action is Necessary

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

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

**Instructions:**

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

Project Name:

**Condensate Shrinkage Economics**

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

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

**Increased OPX Per Year**

**Investment Breakdown:**

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

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

**Production & OPX Detail:**

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

**Project Life:**

Life =  Years  
 (Life no longer than 20 years)

**Internal Rate of Return:**

After Tax IROR =

**AT Cum Cashflow:**

Operating Cashflow =  (Discounted @ 10%)

**Payout Calculation:**

$$\text{Payout} = \frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}} = 1$$

Payout occurs when total AT cashflow equals investment  
 See graph below, note years when cashflow reaches zero

Payout =  Years or  Days

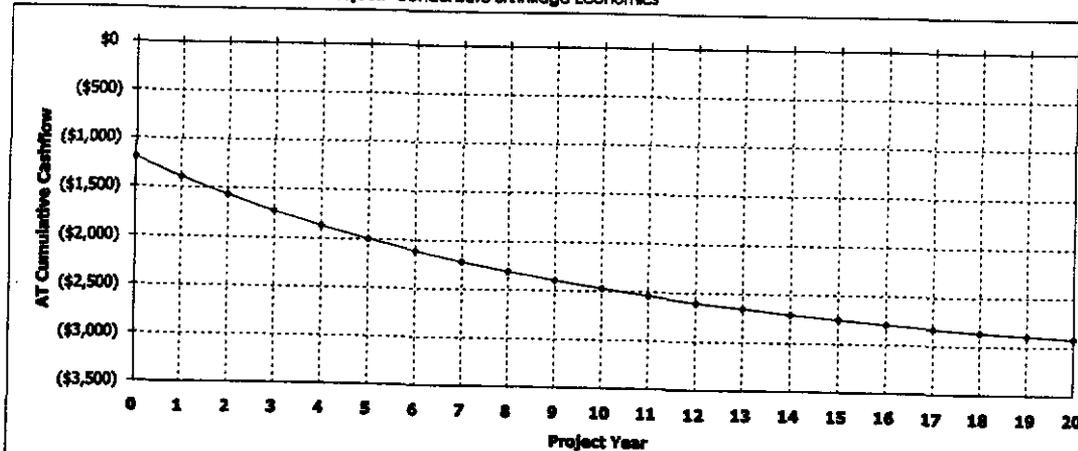
**Gross Reserves:**

Oil Reserves =	4 BO
Gas Reserves =	0 MCF
Gas Equip Reserves =	38 MCFE

**Notes/Assumptions:**

An average NBU well produces 0.192 Bopd with no tank pressure. The production is increased to 0.196 Bopd if 4 ozs of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.

Project: Condensate Shrinkage Economics



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

**COMPARISON OF FLASH BACK PRESSURES**

Calculated by Characterized Equation-of-State

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

**Calculated at Laboratory Flash Conditions**

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

**Calculated Flash with Backpressure using Tuned EOS**

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

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

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

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

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

WELL	LEGALS	STFLEASENO	CANUMBER	APINO
NBU 332	10-10-21 NWSW	UTU01416A	891008900A	430473364000S1
NBU 333	13-10-21 SWSW	ML23608	891008900A	430473364100S1 ✓
NBU 335	4-10-22 SENE	UTU01191	891008900A	430473372400S1
NBU 336	4-10-22 NWNE	U-01191	891008900A	430473402700S1
NBU 337	4-10-22 SENW	U-01191-A	891008900A	430473402000S1
NBU 338	5-10-22 NESE	UTU01191	891008900A	430473405800S1
NBU 339	5-10-22 NWSE	UTU01191	891008900A	430473440600S1
NBU 340	6-10-22 SWNE	UTU01195	891008900A	430473372500S1
NBU 340X	6-10-22 SWNE	UTU01195	891008900A	430473401500S1
NBU 341	6-10-22 SWNW	UTU464	891008900A	430473372600S1
NBU 342	7-10-22 NWSE	UTU468	891008900A	430473372700S1
NBU 343	8-10-22 NWNE	UTU01196C	891008900A	430473371900S1
NBU 344	8-10-22 SWNE	UTU01196C	891008900A	430473402100S1
NBU 345	10-10-22 SWNE	UTU02587	891008900A	430473370400S1 ✓
NBU 345-4E	4-10-21 SWSW	UTU01393B	891008900A	430473470000S1 ✓
NBU 347	11-10-22 NWSW	UTU01197A	891008900A	430473370900S1 ✓
NBU 348	11-10-22 SWSW	UTU01197A-ST	891008900A	430473400100S1
NBU 349	11-10-22 SWSE	UTU01197A-ST	891008900A	430473400200S1 ✓
NBU 350	14-10-22 NWNE	UTU01197A	891008900A	430473364200S1 ✓
NBU 351	30-10-22 SESE	UTU0132568A	891008900A	430473368800S1
NBU 352	9-9-21 SWNW	UTU0149767	891008900A	430473392200S1
NBU 353	27-9-21 SENW	U01194A	891008900A	430473320500S1 ✓
NBU 354	31-9-22 NENW	UTU464	891008900A	430473323100S1
NBU 356	30-9-22 NENW	U463	891008900A	430473323200S1
NBU 357	15-10-21 SWSW	UTU01791A	891008900A	430473372800S1
NBU 358	16-10-21 SESW	ML10755	891008900A	430473370800S1
NBU 359	29-10-21 NWNE	ML21330	891008900A	430473370600S1
NBU 360	29-10-22 SESW	UTU0145824	891008900A	430473377300S1
NBU 361	32-10-22 NWNW	ML22798	891008900A	430473370500S1 ✓
NBU 362	28-9-21 SESW	UTU0576	891008900A	430473377400S1
NBU 363	28-9-21 SESE	UTU0576	891008900A	430473377500S1
NBU 364	29-9-21 SESE	UTU0581	891008900A	430473377600S1
NBU 365	3-10-21 SESE	UTU0149078	891008900A	430473377700S1
NBU 366	10-10-21 NWNW	UTU0149079	891008900A	430473372900S1
NBU 367	11-10-22 NESW	UTU01197A-ST	891008900A	430473370700S1 ✓
NBU 370	17-9-21 NWSW	UTU0575	891008900A	430473467200S1 ✓
NBU 371	8-9-21 SWSE	UTU0575B	891008900A	430473467300S1 ✓
NBU 375	12-9-21 SWNE	UTU0141317	891008900A	430473444000S1 ✓
NBU 376	12-9-21 NENE	UTU0141317	891008900A	430473444100S1 ✓
NBU 377	31-9-21 NENW	UTU0582	891008900A	430473436300S1
NBU 378	31-9-21 NWNE	UTU0582	891008900A	430473436400S1
NBU 381	23-10-22 SESW	UTU01198B	891008900A	430473423400S1
NBU 382	22-10-22 SENW	U-01198-B	891008900A	430473423500S1
NBU 383	21-10-22 SESW	U-489	891008900A	430473423600S1
NBU 384	30-10-22 SENW	UTU0132568A	891008900A	430473423700S1 ✓
NBU 385	18-10-22 SENW	ML22973	891008900A	430473422800S1
NBU 386	17-10-22 NESE	UTU470	891008900A	430473423800S1
NBU 387	23-10-21 SWSE	U-02277-A	891008900A	430473423900S1
NBU 388	22-10-21 SENW	U-02278-A	891008900A	430473424000S1
NBU 389	28-10-21 NENE	ML21329	891008900A	430473422900S1
NBU 390	30-10-21 SESE	ML22793	891008900A	430473423000S1
NBU 391	17-9-21 NWNW	UTU0575	891008900A	430473487400S1
NBU 393	22-9-20 SWNW	U0577B	891008900A	430473486400S1
NBU 394	11-10-22 SWSE	UTU01197A-ST	891008900A	430473480400S1 ✓
NBU 395	27-9-21 SWSW	UTU01194A-ST	891008900A	430473437400S1 ✓
NBU 396	33-9-21 NENW	UTU0576	891008900A	430473448000S1 ✓
NBU 397	26-10-20 NESW	UTU4476	891008900A	430473436500S1
NBU 398	18-10-21 NENW	UTU02270A	891008900A	430473436600S1
NBU 399	14-10-21 NWNW	UTU465	891008900A	430473440900S1
NBU 400	16-10-21 NENW	ML10755	891008900A	430473479400S1
NBU 401	23-10-21 NENE	UTU02278A	891008900A	430473480100S1
NBU 404	32-9-22 SWSE	ML22649	891008900A	430473437500S1 ✓
NBU 405	27-9-21 NENE	UTU01194A-ST	891008900A	430473440700S1 ✓
NBU 407	32-10-22 NENW	ML22798	891008900A	430473431800S1 ✓
NBU 408	31-10-22 NENE	UTU0143551	891008900A	430473459000S1 ✓
NBU 409	32-9-21 NWSW	ML48758	891008900A	430473442100S1 ✓
NBU 410	32-9-21 SWSW	ML48758	891008900A	430473487200S1
NBU 411	32-9-21 SESE	ML48758	891008900A	430473442200S1 ✓
NBU 412	32-10-22 SENW	ML22798	891008900A	430473431900S1 ✓
NBU 413	32-10-22 SWNW	ML22798	891008900A	430473432000S1 ✓
NBU 414	31-10-22 SENE	UTU0143551	891008900A	430473438700S1
NBU 414-20E	20-9-21 NWNE	U0143551/U0575	891008900A	430473477900S1
NBU 415-20E	20-9-21 SWNE	UTU0575	891008900A	430473448900S1 ✓
NBU 416	36-9-20 SESE	ML48757	891008900A	430473442300S1 ✓
NBU 418	12-9-21 NWNW	UTU0141317	891008900A	430473477700S1

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

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

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

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: 1/6/2006

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

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

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

**DATA ENTRY:**

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

**BOND VERIFICATION:**

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

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

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

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

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

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

6. If Indian, Allottee or Tribe Name

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

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

9. API Well No.

10. Field and Pool, or Exploratory Area

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

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

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

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

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

**RECEIVED**

**MAY 10 2006**

DIV. OF OIL, GAS & MINING

*BLM BOND = C01203  
BIA BOND = RLB0005239*

**APPROVED 5/16/06**

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

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

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

**THIS SPACE FOR FEDERAL OR STATE USE**

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

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

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

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

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

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

6. If Indian, Allottee or Tribe Name

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

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

9. API Well No.

10. Field and Pool, or Exploratory Area

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

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

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

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

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

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

RECEIVED  
 MAY 10 2006

DIV OF OIL, GAS & MINING

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

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

THIS SPACE FOR FEDERAL OR STATE USE

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

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



## United States Department of the Interior

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

IN REPLY REFER TO:

CO922 (MM)  
3106  
COC017387 et. al.

March 23, 2006

### NOTICE

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

#### Merger/Name Change - Recognized

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

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

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

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

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

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

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

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

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

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

**Attachment:**

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

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

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



# United States Department of the Interior



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

IN REPLY REFER TO:  
3106  
(UT-922)

March 27, 2006

## Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

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

Chief, Branch of  
Fluid Minerals

## Enclosure

Approval letter from BLM COSO (2 pp)

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

RECEIVED

MAR 28 2006

DIV. OF OIL, GAS & MINERAL

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**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. UTU464
2. Name of Operator KERR-MCGEE OIL & GAS ONSHORE		6. If Indian, Allottee or Tribe Name
3a. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078		7. If Unit or CA/Agreement, Name and/or No. UNIT #891008900A
3b. Phone No. (include area code) Ph: 435-781-7024		8. Well Name and No. NBU 341
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 6 T10S R22E SWNW 2459FNL 606FWL		9. API Well No. 43-047-33726
		10. Field and Pool, or Exploratory NATURAL BUTTES
		11. County or Parish, and State UINTAH COUNTY, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" 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 recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

THE OPERATOR REQUESTS AUTHORIZATION TO PLUG AND ABANDON THE SUBJECT WELL LOCATION. THE OPERATOR PROPOSES TO PLUG AND ABANDON THE WELL TO DRILL THE TWIN LOCATION 1022-6ET.

PLEASE REFER TO THE ATTACHED PLUG AND ABANDON PROCEDURE.

**COPY SENT TO OPERATOR**

Date: 3/19/2009

Initials: KS

14. I hereby certify that the foregoing is true and correct.  
Electronic Submission #67789 verified by the BLM Well Information System  
For KERR-MCGEE OIL & GAS ONSHORE L, sent to the Vernal

Name (Printed/Typed) SHEILA UPCHEGO	Title OPERATIONS
Signature <i>[Signature]</i> (Electronic Submission)	Date 03/04/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <i>[Signature]</i>	Title <i>Pet Eng.</i>	Date <i>3/18/09</i>
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.		Federal Approval Of This Action Is Necessary
Office <i>DOG M</i>		

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

**RECEIVED**

\* A 200' plug shall be balanced from 2800' to 2600' in order to isolate the base of the parachute creek member as required by Cause No. 190-5(b)

**MAR 05 2009**  
DIV. OF OIL, GAS & MINING

**NBU 341**  
**2459' FNL & 606' FWL**  
**LOT #5, SWNW SEC.6, T10S, R22E**  
**Uintah County, UT**

**KBE:** 5114'  
**GLE:** 5099'  
**TD:** 6250'  
**PBTD:** 6206'

**API NUMBER:** 43-047-33726  
**LEASE NUMBER:** U-464  
**WI:** 100.0000%  
**NRI:** 81.202949%

**CASING:** 12 1/4" hole  
 8.625" 24# K55 @ 258' GL  
 Cemented w/ 165 sx . TOC @ surface by circulation.

7.875" hole  
 4 1/2" 11.6# K-55 @ 6250'. TOC @ 1600' per CBL.

**TUBING:** 2.375" 4.7# J-55 tubing landed at 6110'

Tubular/Borehole	Drift inches	Collapse psi	Burst Psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1626	0.02173	0.00387
4 1/2" 11.6# K-55	3.875	4960	5350	0.6528	0.0872	0.01554
8.625" 24# K-55	7.972	1780	2950	2.6749	0.3575	0.0636
<b>Annular Capacities</b>						
2.375" tbg. X 4 1/2" 11.6# csg				0.4226	0.0565	0.01006
4.5" csg X 7.875 borehole				1.7052	0.2278	0.0406
4.5" csg X 8 5/8" 24# csg				1.8487	0.2471	0.04401

**GEOLOGIC INFORMATION:**

Formation	Depth to top, ft.
Uinta	Surface
Green River	1238'
Bird's Nest	1604'
Mahogany	1976'
Wasatch	4505'

**Tech. Pub. #92 Base of USDW's**

USDW Elevation ~1000' MSL  
 USDW Depth ~4114' KBE

**PERFORATIONS:**

<b>Formation</b>	<b>Date</b>	<b>Top</b>	<b>Bottom</b>	<b>SPF</b>	<b>Status</b>
Wasatch	April-01	4744	4754	4	Open
Wasatch	April-01	5271	5277	4	Open
Wasatch	April-01	5468	5476	4	Open
Wasatch	April-01	5780	5784	4	Open
Wasatch	April-01	6060	6064	4	Open
Wasatch	April-01	6161	6169	4	Open

**WELL HISTORY:**

- Spud Well on 3/15/01, TD'd 4/19/01
- Apr '01 – Perforated gross Wasatch interval f/ 4744' – 6169'. Frac'd same interval w/ 199,000# 20/40 sand & 2468 bbls gel fluid.
- 4/29/01 – 1<sup>st</sup> Prod - Flowed 633 MMcf, Ftp 160#, CP 240#, 40/64" choke.

## NBU 341 PLUG & ABANDONMENT PROCEDURE

### GENERAL

- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- BRINE WITH A MINIMUM DENSITY OF AT LEAST 9 PPG MUST BE PLACED BETWEEN ALL PLUGS. 10 PPG IS ASSUMED IN THIS PROCEDURE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLs FLUID.
- NOTIFY BLM 24 HOURS BEFORE MOVING ON LOCATION.

### P&A PROCEDURE

**Note: An estimated 304 sx Class "G" cement needed for procedure**

**Note: No Gyro run**

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. PULL TBG & LD SAME. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL AND PREP FOR GYRO SURVEY.
3. RUN GYRO SURVEY.
4. **PLUG #1, ISOLATE WASATCH PERFORATIONS (4744' – 6169') & PROTECT WASATCH TOP (4505') & BASE OF USDW (~4114')**: RIH W/ 4 ½" CIBP. SET @ 4694'. RELEASE CIBP, PUH 10', BRK CIRC W/ FRESH WATER. DISPLACE 52 SX CMT (59.30 CUFT) ON TOP OF PLUG. PUH ABOVE TOC (~4014'). REVERSE CIRCULATE W/ 10 PPG BRINE.
5. **PLUG #2, MAHOGANY TOP (1976')**: PUH TO 2076'. BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF 16 SX (17.44 CUFT.) AND BALANCE PLUG W/ TOC @ ~1876' (200' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ 10 PPG BRINE.
6. **PLUG #3, BIRD'S NEST TOP (~1604')**: POOH W/ TBG. RIH W/ WIRELINE, PERFORATE @ ~1704' W/ 4 SPF. PU & RIH W/ 4 ½" CIRC, SET @ ~1504'. RIH W/ TBG & STING INTO CIRC & SQUEEZE PERFS W/ A MINIMUM OF 64 SX (72.45 CUFT.). STING OUT OUT OF CIRC AND SPOT A MINIMUM OF 4 SX (4.36 CUFT.) CMT ON TOP OF CIRC. BRK CIRC W/ FRESH WATER. REVERSE CIRCULATE W/ 10 PPG BRINE.
7. **PLUG #4, GREEN RIVER TOP (~1238')**: POOH W/ TBG. RIH W/ WIRELINE, PERFORATE @ ~1338' W/ 4 SPF. PU & RIH W/ 4 ½" CIRC, SET @ ~1138'. RIH W/ TBG & STING INTO CIRC & SQUEEZE PERFS W/ A MINIMUM OF 61 SX (69.3 CUFT.). STING OUT OUT OF CIRC AND SPOT A MINIMUM OF 4 SX (4.36 CUFT.) CMT ON TOP OF CIRC. BRK CIRC W/ FRESH WATER. REVERSE CIRCULATE W/ 10 PPG BRINE.
8. **PLUG #5, SURFACE CSG SHOE (273' KB) & SURFACE HOLE**: POOH W/ TBG. RIH W/ WIRELINE, PERFORATE @ 323' W/ 4 SPF. POOH W/ WIRELINE. RU CEMENT SERVICE TO PROD CSG. PUMP 103 SX CMT (117.72 CUFT.) DN 4 ½" CSG & UP 8 5/8" CSG ANNULUS TO SURFACE.
9. CUT OFF WELLHEAD AND INSTALL MARKER PER BLM GUIDELINES.

10. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB.

ALM – 3/2/09

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-464
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> NBU 341
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>9. API NUMBER:</b> 43047337260000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6007 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2459 FNL 0606 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNW Section: 06 Township: 10.0S Range: 22.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/17/2009	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

THE OPERATOR HAS PERFORMED THE PLUG AND ABANDON ON THE SUBJECT WELL LOCATION. THE OPERATOR HAS PLUG AND ABANDON THE WELL TO DRILL THE NBU 1022-6ET A TWIN WELL LOCATION. PLEASE REFER TO THE ATTACHED TEMPORARILY ABANDON CHRONOLOGICAL WELL HISTORY.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 June 23, 2009

<b>NAME (PLEASE PRINT)</b> Sheila Wopsock	<b>PHONE NUMBER</b> 435 781-7024	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/18/2009	

**ROCKIES**  
**Operation Summary Report**

Well: NBU 341 Spud Date: 3/15/2001  
 Project: UTAH Site: UINTAH Rig Name No: MILES-GRAY 1/1  
 Event: ABANDONMENT Start Date: 4/16/2009 End Date: 4/20/2009  
 Active Datum: RKB @0.00ft (above Mean Sea Level) UWI: NBU 341

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
4/16/2009	7:00 - 7:30	0.50	ABAND	48		P		JSA- RDSU / RUSU.
	7:30 - 11:00	3.50	ABAND	30	A	P		RDSU. ROAD RIG FROM NBU 165 TO LOCATION. RUSU. SITP 10, SICP 50. BWD. PUMP 20 BBLs DOWN TBG. ND WH. RU FLOOR AND TBG EQUIP. UNLAND TBG FROM 6110'. TBG WAS STUCK IN SCALE DEEP. WORK TBG FREE. LD TBG HANGER.
	11:00 - 15:00	4.00	ABAND	31	I	P		RU SCAN TECH. POOH AS INSPECTING AND SORTING TBG. HAVE 111-JTS GOOD AND 78-JTS BAD. TOTAL 189-JTS 2-3/8" J-55 TBG. NOTE: HAD SCALE ON OD OF TBG FROM 3900' DOWN. RD SCAN TECH.
	15:00 - 18:30	3.50	ABAND	31	I	P		MU 3-7/8" MILL, BIT SUB ON 2-3/8" J-55 TBG AND RIH W/ 148 JTS TO 4731'. CLEAN- NO SCALE. POOH W/ 148 JTS AND MILL. SDFN.
4/17/2009	7:00 - 7:30	0.50	ABAND	48		P		JSA- PU TBG / LD TBG.
	7:30 - 8:30	1.00	ABAND	34	I	P		SICP 50. BWD. RU CASEDHOLE AND RIH W/ 4-1/2" CIBP. SET AT 4694'. RD CASEDHOLE.
	8:30 - 10:00	1.50	ABAND	31	I	P		MU N.C. ON 2-3/8" J-55 TBG AND RIH W/ 147 JTS. TAGGED CIBP AT 4694'. FILL HOLE W/ 60 BBLs FRESH. CIRC 10 BBLs MORE. P-TEST CSG TO 1000 PSI. GOOD.
	10:00 - 14:00	4.00	ABAND	40	A	P		RU PROPETRO.  PLUG #1--EOT AT 4692' W/ 147-JTS IN. PMP 55 SX (11.3 BBL) 'G' CMT. DISPLACE W/ 13.5 BBLs. POOH AS LD 22-JTS. EOT AT 4013' W/ 125-JTS IN. REV CLEAN W/ 23-BBLs FRESH, 2 BBL CMT BACK. PMP DOWN TBG W/ 19 BBLs 10# BRINE AND SPOT W/ 5 BBLs FRESH. POOH AS LD 38-JTS.  PLUG #2-- EOT AT 2802' W/ 87-JTS IN. PMP 20 SX (4 BBL) 'G' CMT. DISPLACE W/ 8 BBL FRESH. POOH AS LD 7-JTS. EOT AT 2576' W/ 80 JTS IN. REV CLEAN W/ 15 BBLs FRESH, 1.5 BBLs CMT BACK. PMP DOWN TBG W/ 8 BBLs 10# BRINE AND SPOT W/ 7 BBLs FRESH. POOH AS LD 15-JTS.  PLUG #3-- EOT AT 2093' W/ 65-JTS IN. PMP 20 SX (4 BBL) 'G' CMT. DISPLACE W/ 6 BBLs FRESH. POOH AS LD 7-JTS. EOT AT 1867' W/ 58-JTS IN. REV CLEAN W/ 11 BBLs FRESH, 2 BBLs CMT BACK. PMP DOWN TBG W/ 3 BBLs BRINE AND SPOT W/ 6 BBLs FRESH. POOH AS LD 8-JTS AND SB 50-JTS.
	14:00 - 15:30	1.50	ABAND	34	H	P		RU CASEDHOLE EW. RIH W/ 1' X 3-1/8" GUN AND PERF 4 SPF AT 1690'. UNABLE TO INJECT INTO PERFS. PRESSURE TO 1000 PSI THEN SLOWLY BLED DOWN. CONFER W/ BLM.
	15:30 - 16:00	0.50	ABAND	31	I	P		RIH W/ N.C. ON 55-JTS 2-3/8" J-55 TBG.
	16:00 - 17:30	1.50	ABAND	40	A	P		EOT AT 1770' W/ 55 JTS IN. PMP 25-SX (5.1 BBL) 'G' CMT. DISPLACE W/ 5 BBLs FRESH. POOH AS LD 10-JTS. EOT AT 1448' W/ 45-JTS IN. REV CLEAN W/ 8 BBLs FRESH, .5 BBL CMT BACK. PMP DOWN TBG W/ 2 BBLs 10# BRINE AND SPOT W/ 5 BBLs FRESH. RD PROPETRO. POOH AS LD 8-JTS AND SB 38-JTS. SDFWE

## ROCKIES

## Operation Summary Report

Well: NBU 341

Spud Date: 3/15/2001

Project: UTAH

Site: UINTAH

Rig Name No: MILES-GRAY 1/1

Event: ABANDONMENT

Start Date: 4/16/2009

End Date: 4/20/2009

Active Datum: RKB @0.00ft (above Mean Sea Level)

UWI: NBU 341

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
4/20/2009	7:00 - 7:30	0.50	ABAND	48		P		JSA-
	7:30 - 8:00	0.50	ABAND	34	H	P		SICP 0. RU CASED HOLE. RIH W/ 3-1/8" PERG GUN. TAG CMT AT 1489'. PERF 4-1/2" CSG AT 1338'. PMP 25 BBLS FRESH, NO CIRC.
	8:00 - 9:30	1.50	ABAND	31	I	P		RIH W/ 4-1/2" CICR ON 38-JTS TBG. SET AT 1223'. RU PROPETRO. PMP 4 BBLS TO FILL 4-1/2". STING INTO CICR. PMP 5 FRESH, 110 SX (22.5 BBL) 'G' CMT. DISPLACE W/ 2.7 BBLS AND UNSTING FROM CICR. PUTS 100 SX UNDER AND 10 SX ON TOP CICR. POOH AS LD 4-JTS. EOT AT 1095'. REV CLEAN W/ 20 BBLS 10# PKR FLUID (1 BBL CMT BACK). POOH AS LD 34-JTS TBG AND SETTING TOOL.
	9:30 - 10:00	0.50	ABAND	34	H	P		RU CASED HOLE. RIH W/ 3-1/8" PERF GUN. PERF 4 SPF AT 323'. POOH. RD CASED HOLE.
	10:00 - 10:30	0.50	ABAND	40	A	P		HOOK PROPETRO TO 4-1/2" CSG. SURFACE CSG OPEN. PMP 20 BBLS FRESH. SURFACE START TO BLOW THEN QUIT. PMP 200 SX (40.2 BBLS) 'G' CMT DOWN 4-1/2". SURFACE START TO BLOW THEN WENT ON VAC. ADDED 4% CAL CHLOR ON 10 BBLS THAT WENT DOWN AND OUT. SURFACE AND 4-1/2" CSG WENT ON VAC. WOC.
	10:30 - 12:00	1.50	ABAND	30	C	P		RD FLOOR. RACK OUT EQUIP. ND BOP. RDSU AND MOVE TO NBU 344.
	12:00 - 17:00	5.00	ABAND	40	A	P		WAITED 3-HRS. PMP 140-SX CMT DOWN SURFACE CSG AND 4-1/2". DID NOT FILL. WAIT 2-HRS. PMP 225 SX CMT DOWN SURFACE AND 4-1/2" CSG TO GET FILLED TO SURFACE (TOTAL 565 SX TO GET SURFACE PLUG. WELD ON MARKER PLATE. WILL BURY IN AM.