

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

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

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

2. NAME OF OPERATOR  
 Coastal Oil & Gas Corporation

3. ADDRESS AND TELEPHONE NO.  
 P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. \*)  
 At surface: 2197' FSL 834' FWL  
 At proposed prod. zone: 670 264  
 622 809.97E  
 4420 971.18N

5. LEASE DESIGNATION AND SERIAL NO.  
 U-02278

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

7. UNIT AGREEMENT NAME  
 Natural Buttes Unit

8. FARM OR LEASE NAME, WELL NO.  
 CIGE 248-21-10-21

9. API WELL NO.

10. FIELD AND POOL, OR WILDCAT  
 Natural Buttes Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 NWSW Section 21, T10S-R21E

12. COUNTY OR PARISH  
 Uintah

13. STATE  
 Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 See Topo Map "A"

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest ddg. unit line, if any)  
 834'

16. NO. OF ACRES IN LEASE  
 1440

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 N/A

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

19. PROPOSED DEPTH  
 7800'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5252' Ungraded GR

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

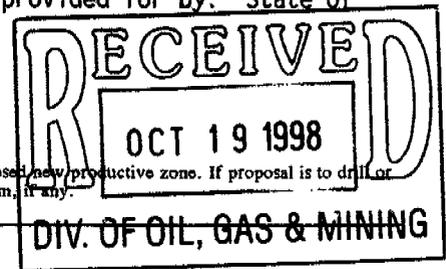
23. PROPOSED CASING AND CEMENTING PROGRAM

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

Coastal Oil & Gas Corporation proposes to drill a well to the proposed TD as stated above. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements.

See the attached Drilling Program and Multi-point Surface Use & Operations Plan.

Coastal Oil & Gas Corporation is considered to be the operator of the subject well. It agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided for by: State of Utah Bond #102103 and BLM Nationwide Bond #J605382-9.



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

24. SIGNED Sheila Bremer TITLE Environmental & Safety Analyst DATE 10/16/98

(This space for Federal or State office use)  
 PERMIT NO. 43-047-33226 APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
 CONDITIONS OF APPROVAL, IF ANY: **Federal Approval of this Action is Necessary**  
 APPROVED BY Bradley G. Hill TITLE RECLAMATION SPECIALIST III DATE 11/5/98  
 \*See Instructions On Reverse Side

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

# T10S, R21E, S.L.B.&M.

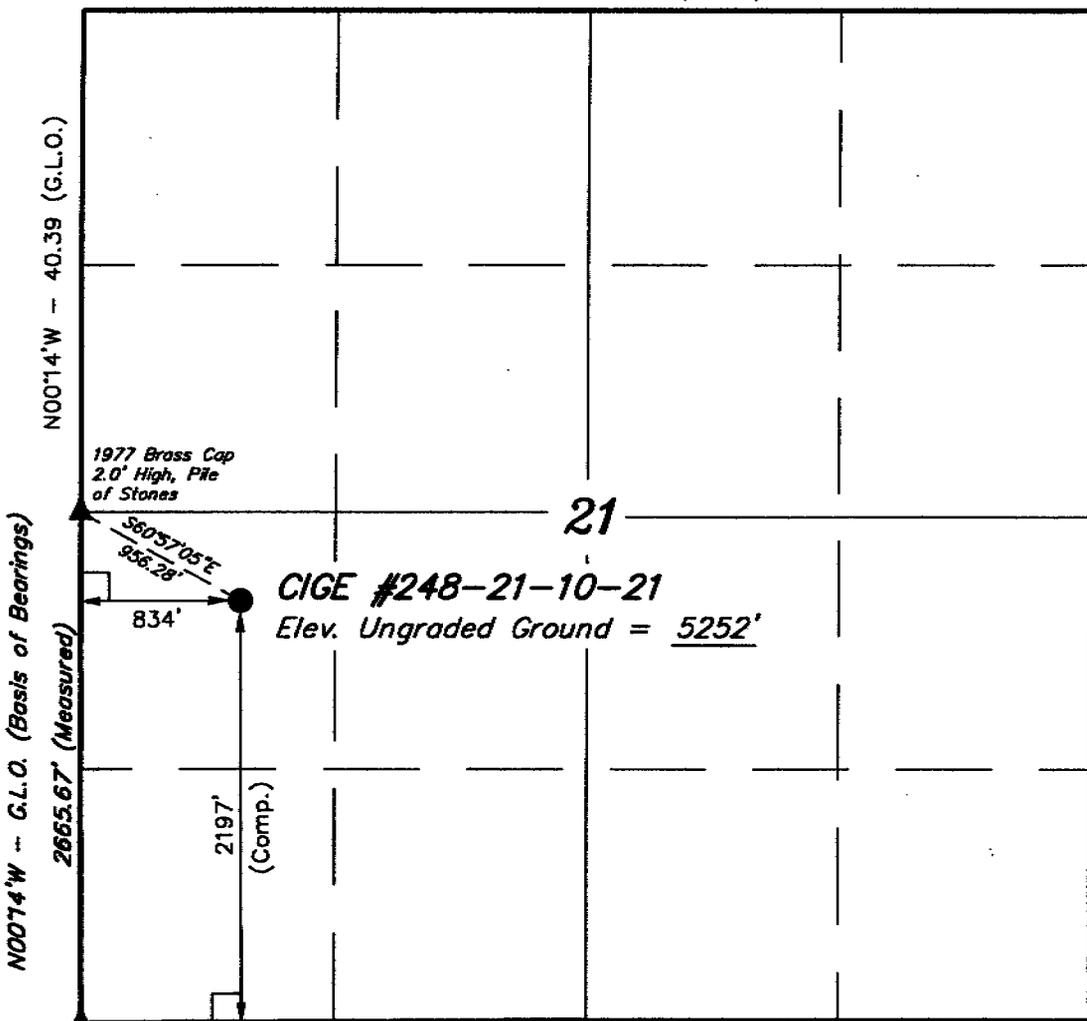
## COASTAL OIL & GAS CORP.

Well location, CIGE #248-21-10-21, located as shown in the NW 1/4 SW 1/4 of Section 21, T10S, R21E, S.L.B.&M., Uintah County, Utah.

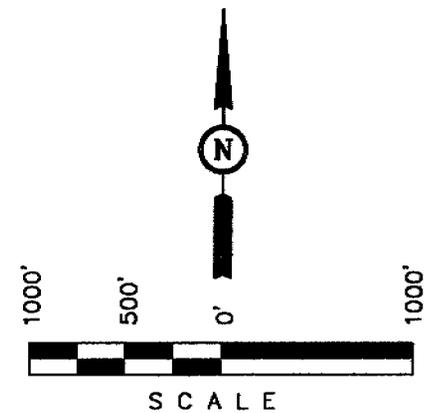
S89°28'W - 80.46 (G.L.O.)

### 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.

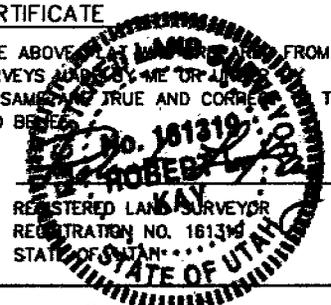


N00°17'W - 80.02 (G.L.O.)



### CERTIFICATE

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



1977 Brass Cap  
0.8' High, Pile  
of Stones

S89°41'W - 80.50 (G.L.O.)

### LEGEND:

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

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

SCALE 1" = 1000'	DATE SURVEYED: 8-21-98	DATE DRAWN: 8-26-98
PARTY B.B. M.A. C.B.T.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE COASTAL OIL & GAS CORP.	

**CIGE 248-21-10-21  
2197' FNL & 834' FWL  
NW/SW, SECTION 21-T10S-R21E  
UINTAH COUNTY, UTAH  
LEASE NUMBER: U-02278**

**COASTAL OIL & GAS CORPORATION  
*DRILLING PROGRAM***

The proposed wellsite is on **State of Utah surface/State of Utah minerals.**

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

<u>Formation</u>	<u>Depth</u>
Duchesne River/Uinta	Surface
Green River	1,166'
Mahogany Bench	1,851'
Wasatch	4,366'
Mesaverde Sand	7,016'
Total Depth	7,800'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Oil/Gas	Green River	1,166'
	Mahogany Bench	1,851'
	Wasatch	4,366'
	Mesaverde Sand	7,016'
Water	N/A	
Other Minerals	N/A	

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. Oil and gas shows will be tested to determine commercial potential.

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

- a. The BOP stack will consist of one 11" 3,000 psi annular BOP, one 11" 3,000 psi double ram, and one 11" drilling spool. The lower ram will contain pipe rams, and the upper ram will contain blind rams.
- b. The choke and kill lines and the choke manifold will have a 3,000 psi minimum pressure rating.
- c. Testing: The hydril will be tested to 1,500 psi. The rams, choke manifold, kelly safety valves, drill string safety valves, and inside BOP will be tested to 2,000 psi.

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

- a. The proposed Casing Program will be as follows:

<u>Purpose</u>	<u>Depth</u>	<u>Hole Size</u>	<u>Csg Size</u>	<u>Wt/ft</u>	<u>Grade</u>	<u>Type</u>
Surface	0-250'	12 1/4"	8 5/8"	24#	K-55	ST&C
Production	0-TD	7 7/8"	4 1/2"	11.6#	K-55	LT&C

The surface casing will be tested to 1,500 psi prior to drilling out.

Casing design is subject to revision based on geologic conditions encountered.

- b. The Cement Program will be as follows:

<u>Surface</u>	<u>Fill</u>	<u>Type &amp; Amount</u>
0-250'	250'	Approximately 190 sx Class "G" + 2% CaCl <sub>2</sub> , 15.6 ppg, 1.19 CF/sx.
<u>Production</u>	<u>Type &amp; Amount</u>	
500' above productive interval to surface	Lead: Extended, Lite, or Hi-Fill cement + additives, 11 ppg; approx. 430 sx	
TD to 500' above productive interval	Tail: Extended Class "G" or 50:50 Poz + additives, 14 ppg; approx 1018 sx	

For production casing, actual cement volumes will be determined from the caliper log plus 15% excess.

For surface casing, waiting on cement time will be adequate to achieve 500 psi compressive strength at the shoe prior to drilling out.

5. **Drilling Fluids Program:**

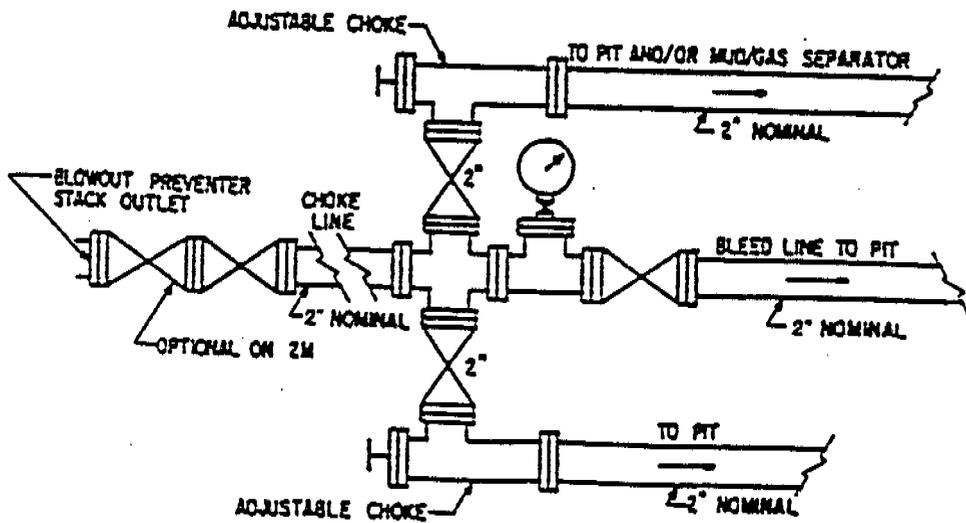
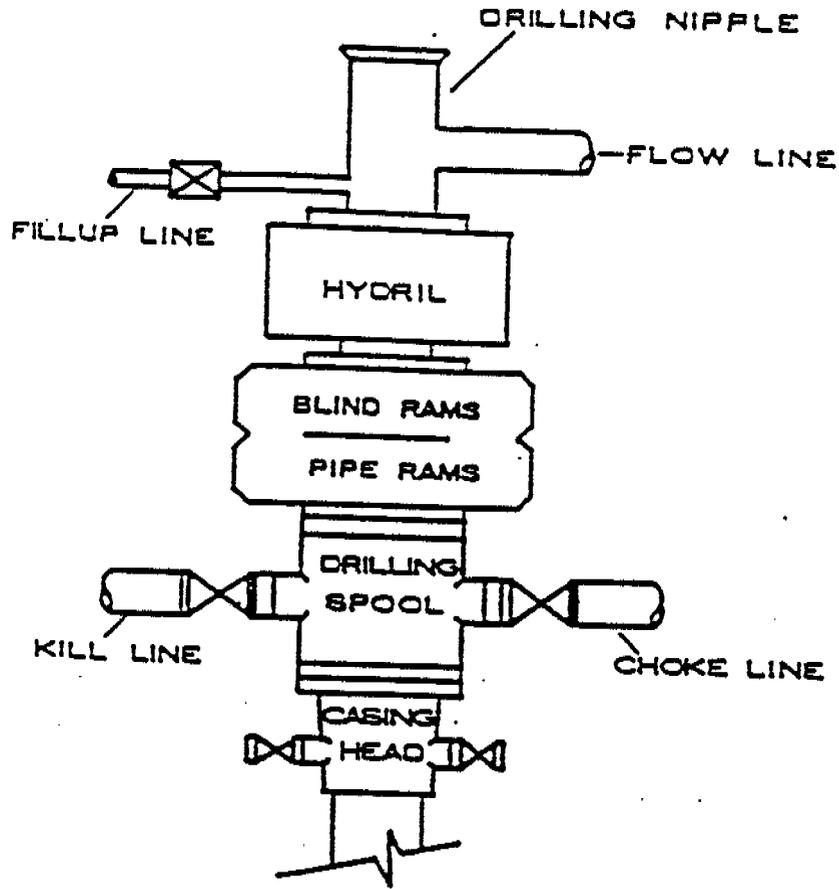
<u>Interval</u>	<u>Type</u>	<u>Mud Wt.</u>
0-TD'	Air/Air Mist/Aerated Water/Water (As hole conditions warrant.) Depending on hole conditions, the hole will be displaced to either 10 ppg brine or drilling mud prior to logging.	8.4 ppg or less

No chromate additives will be used in the mud system without prior approval to ensure adequate protection of fresh water aquifers.



# BOP STACK

3,000 PSI



3,000 PSI CHOKER MANIFOLD

**CIGE 248-21-10-21  
2197' FNL & 834' FWL  
NW/SW, SECTION 21-T10S-R21E  
UINTAH COUNTY, UTAH  
LEASE NUMBER: U-02278**

**COASTAL OIL & GAS CORPORATION**

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

An onsite inspection was conducted for the CIGE 248-21-10-21 on 10/2/98 at approximately 10:15 a.m. Weather conditions were sunny and clear with moderate temperatures at the time of the onsite. In attendance at the inspection were the following individuals:

Sheila Bremer	Coastal Oil & Gas Corporation
Paul Breshears	Coastal Oil & Gas Corporation
Dave Hackford	State of Utah
Ed Bonner	State Lands Trust
Robert Kay	Uintah Engineering & Land Surveying
Harley Jackson	Jackson Construction
Jim Justice	J-West
John Faucett	John E. Faucett Construction

**1. Existing Roads:**

The proposed well site is approximately 46.8 miles from Vernal, Utah. Directions to the location from Vernal, 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 on State Highway 88 to Ouray, Utah; proceed in a southerly direction from Ouray approximately 11.5 miles on the Seep Ridge Road to the junction of this road and an existing oilfield service road to the east; turn left and proceed in an easterly direction approximately 4.3 miles to the junction of this road and an existing road to the southwest; proceed in a southwesterly direction approximately 0.8 miles to the beginning of the proposed access road to the west; follow road flags in a westerly 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.

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

**2. Planned Access Roads:**

Approximately 0.3 miles of new access will be required. The new access road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30 feet, *unless modified at the on-site inspection*. Appropriate water control will be installed to control erosion.

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

The access road was centerline flagged during time of staking.

Surfacing material may be necessary, depending upon weather conditions.

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

3. **Location of Existing Wells Within a 1-Mile Radius:** (See Map C)

- a. Water wells - 0
- b. Producing wells - 1
- c. Drilling wells - 0
- d. Shut-in wells - 2
- e. Temporarily abandoned wells - 1
- f. Disposal wells - 0
- g. Abandoned wells - 1
- h. Injection wells - 0

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

The following guidelines will apply if the well is productive.

- a. All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.
- b. A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.
- c. All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required color is Desert Brown, Munsell standard color number 10 YR 6/3.

- d. Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.
- e. The proposed pipeline will leave the well pad in a southeasterly direction for an approximate distance of 6,400 feet to tie into an existing pipeline. *This section is subject to modification as a result on the on-site inspection.* Please see Map D.

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

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

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

No water well is to be drilled on this lease.

6. **Source of Construction Materials:**

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

Any gravel will be obtained from a commercial source.

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

- a. Drill cuttings will be contained and buried in the reserve pit.
- b. Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.
- c. The reserve pit will be constructed on the location and will not be located within natural drainages, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids. *The need for a reserve pit liner will be determined at the on-site inspection.*

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

- d. Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.
- e. A chemical porta-toilet will be furnished with the drilling rig.
- f. Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

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

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

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

8. **Ancillary Facilities:**

None are anticipated.

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

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s). *This section is subject to modification as a result of the on-site inspection.*

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

- a. The reserve pit will be located on the south side of the location.
- b. The stockpiled topsoil (first six inches) will be stored on the north side of the location. All brush removed from the well pad during construction will be stockpiled separately from the topsoil.
- c. The flare pit will be located on the southwest side of the location, downwind from the prevailing wind direction.
- d. Access will be from the south.
- e. All pits will be fenced according to the following minimum standards:

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

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

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

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

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

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

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

- a. Producing Location:

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

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

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

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

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

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

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

- b. Dry Hole/Abandoned Location:

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

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

**11. Surface Ownership:**

- a. Access Roads - The proposed access road is located on lands owned by:
  - State of Utah
- b. Well Pad - The well is located on land owned by:
  - State of Utah  
675 East 500 South  
Salt Lake City, Utah 84102-2818

**12. Other Information:**

- a. All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.
- b. The Operator will control noxious weeds along right-of-ways for roads, pipelines, well sites, or other applicable facilities.
- c. A Class III archeological survey was conducted by Metcalf Archaeological Consultants. A copy of this report was sent directly to James Dykman, Utah Preservation Office.

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

Sheila Bremer  
Environmental & Safety Analyst  
Coastal Oil & Gas Corporation  
P.O. Box 749  
Denver, CO 80201-0749  
(303) 573-4455

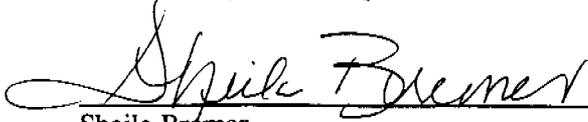
Tom Young  
Drilling Manager  
Coastal Oil & Gas Corporation  
9 Greenway Plaza, Suite 2770  
Houston, TX 77046  
(713) 418-4156

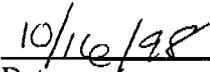
**Certification:** All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice to Lessees.

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

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made

in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the operator, its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

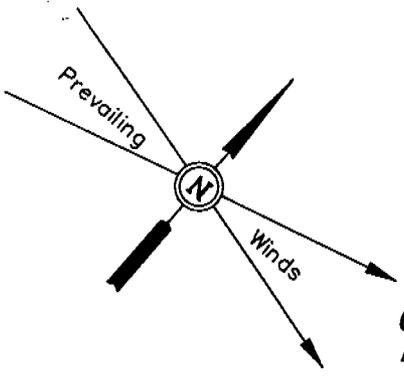
  
\_\_\_\_\_  
Sheila Bremer

  
\_\_\_\_\_  
Date

COASTAL OIL & GAS CORP.

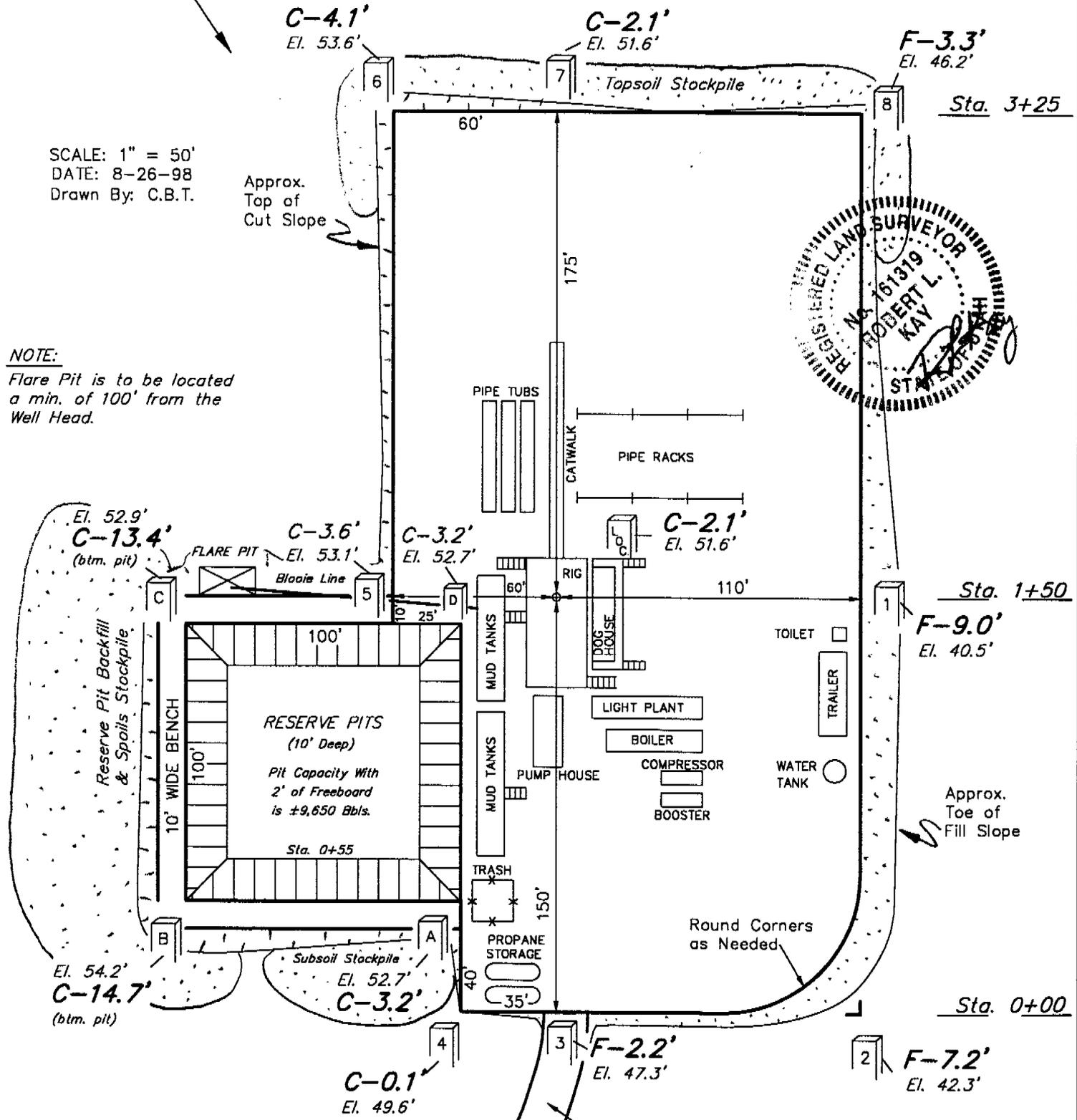
LOCATION LAYOUT FOR

CIGE #248-21-10-21  
SECTION 21, T10S, R21E, S.L.B.&M.  
2197' FSL 834' FWL



SCALE: 1" = 50'  
DATE: 8-26-98  
Drawn By: C.B.T.

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



**NOTES:**

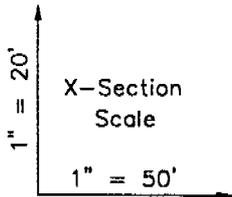
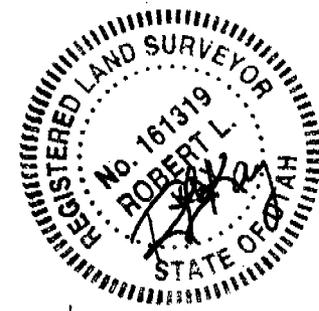
Elev. Ungraded Ground At Loc. Stake = 5251.6'  
FINISHED GRADE ELEV. AT LOC. STAKE = 5249.5'

FIGURE #1

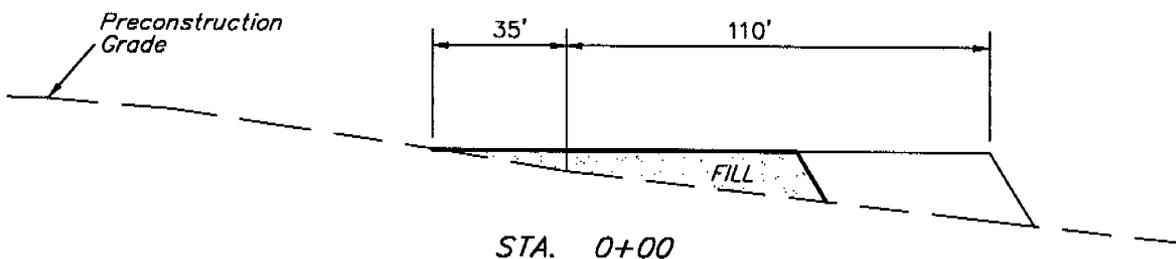
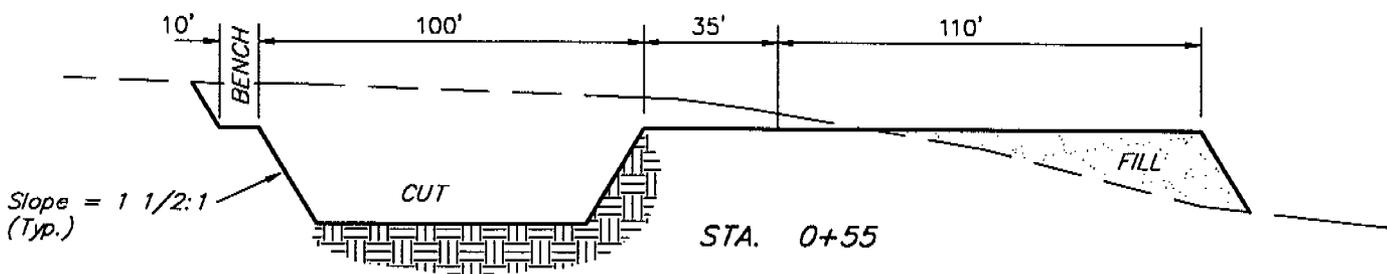
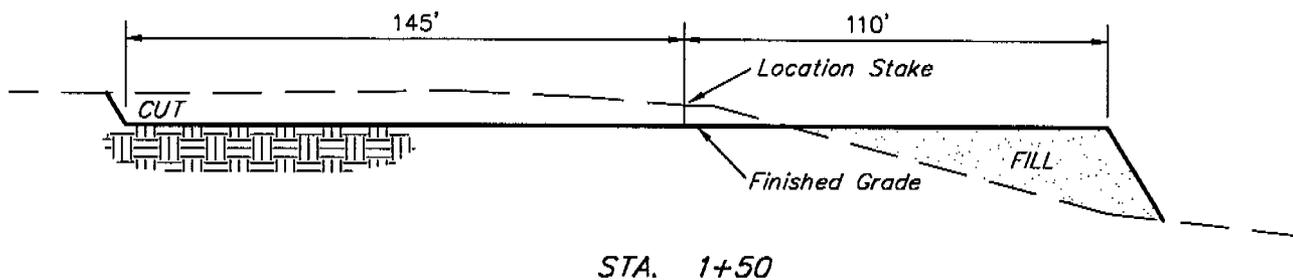
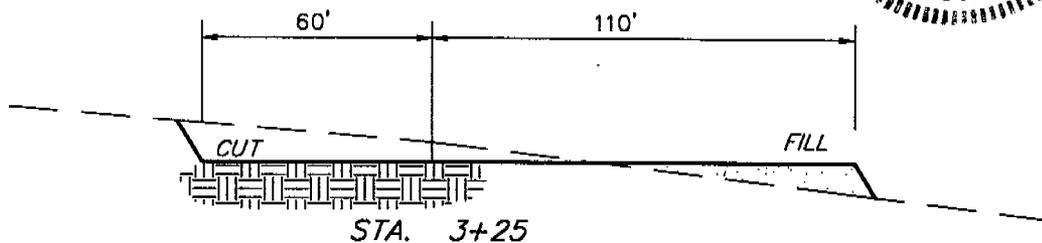
# COASTAL OIL & GAS CORP.

## TYPICAL CROSS SECTIONS FOR

CIGE #248-21-10-21  
SECTION 21, T10S, R21E, S.L.B.&M.  
2197' FSL 834' FWL



DATE: 8-26-98  
Drawn By: C.B.T.

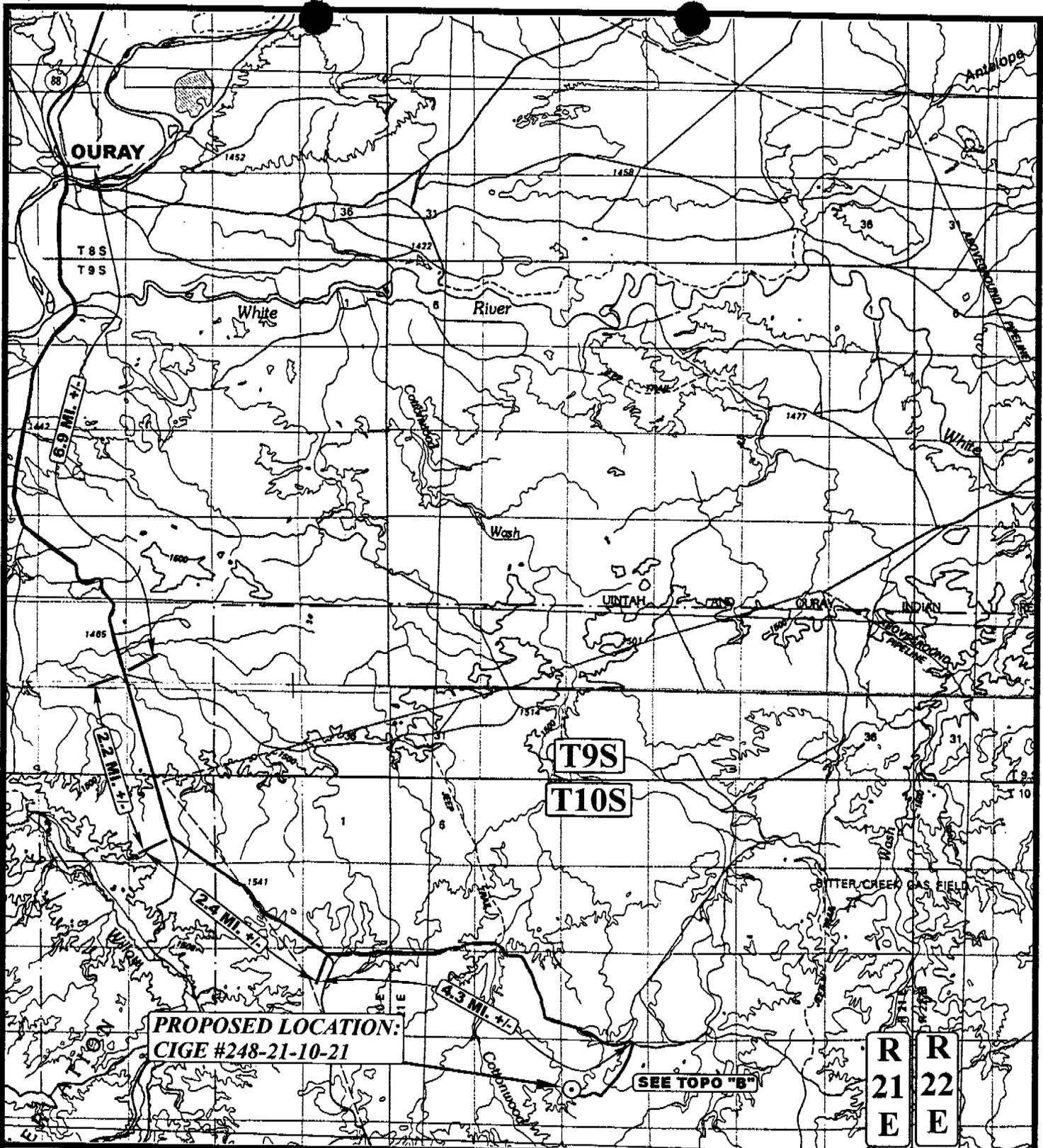


**FIGURE #2**

### APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,140 Cu. Yds.
Remaining Location	= 5,920 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 7,060 CU.YDS.</b>
<b>FILL</b>	<b>= 4,340 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 2,490 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,480 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 10 Cu. Yds.



**PROPOSED LOCATION:**  
CIGE #248-21-10-21

SEE TOPO "B"

R	R
21	22
E	E

**LEGEND:**

○ PROPOSED LOCATION



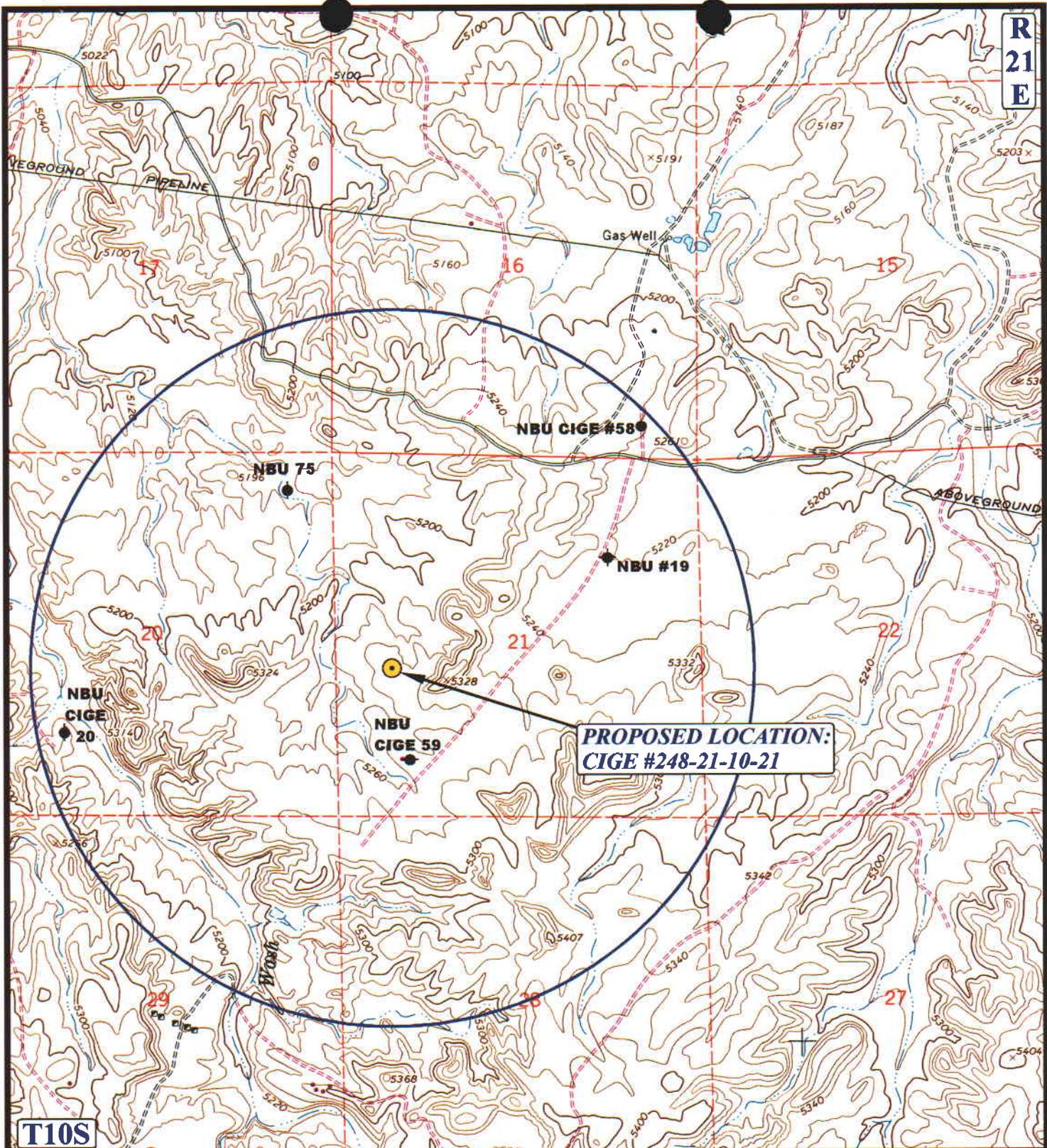
**COASTAL OIL & GAS CORP.**

CIGE #248-21-10-21  
SECTION 21, T10S, R21E, S.L.B.&M.  
2197' FSL 834' FWL

	<b>Uintah Engineering &amp; Land Surveying</b> 85 South 200 East Vernal, Utah 84078 (435) 789-1017 * FAX (435) 789-1813
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<b>TOPOGRAPHIC</b> <b>MAP</b>	<b>8</b> MONTH	<b>25</b> DAY	<b>1998</b> YEAR	
	SCALE: 1 : 100,000   DRAWN BY: D.COX   REVISED: 00-00-00			





**R  
21  
E**

**T10S**

**LEGEND:**

- |                   |                         |
|-------------------|-------------------------|
| ∅ DISPOSAL WELLS  | ⊕ WATER WELLS           |
| ● PRODUCING WELLS | ⊖ ABANDONED WELLS       |
| ⊖ SHUT IN WELLS   | ⊖ TEMPORARILY ABANDONED |

**COASTAL OIL & GAS CORP.**

**CIGE #248-21-10-21**  
**SECTION 21, T10S, R21E, S.L.B.&M.**  
**2197' FSL 834' FWL**



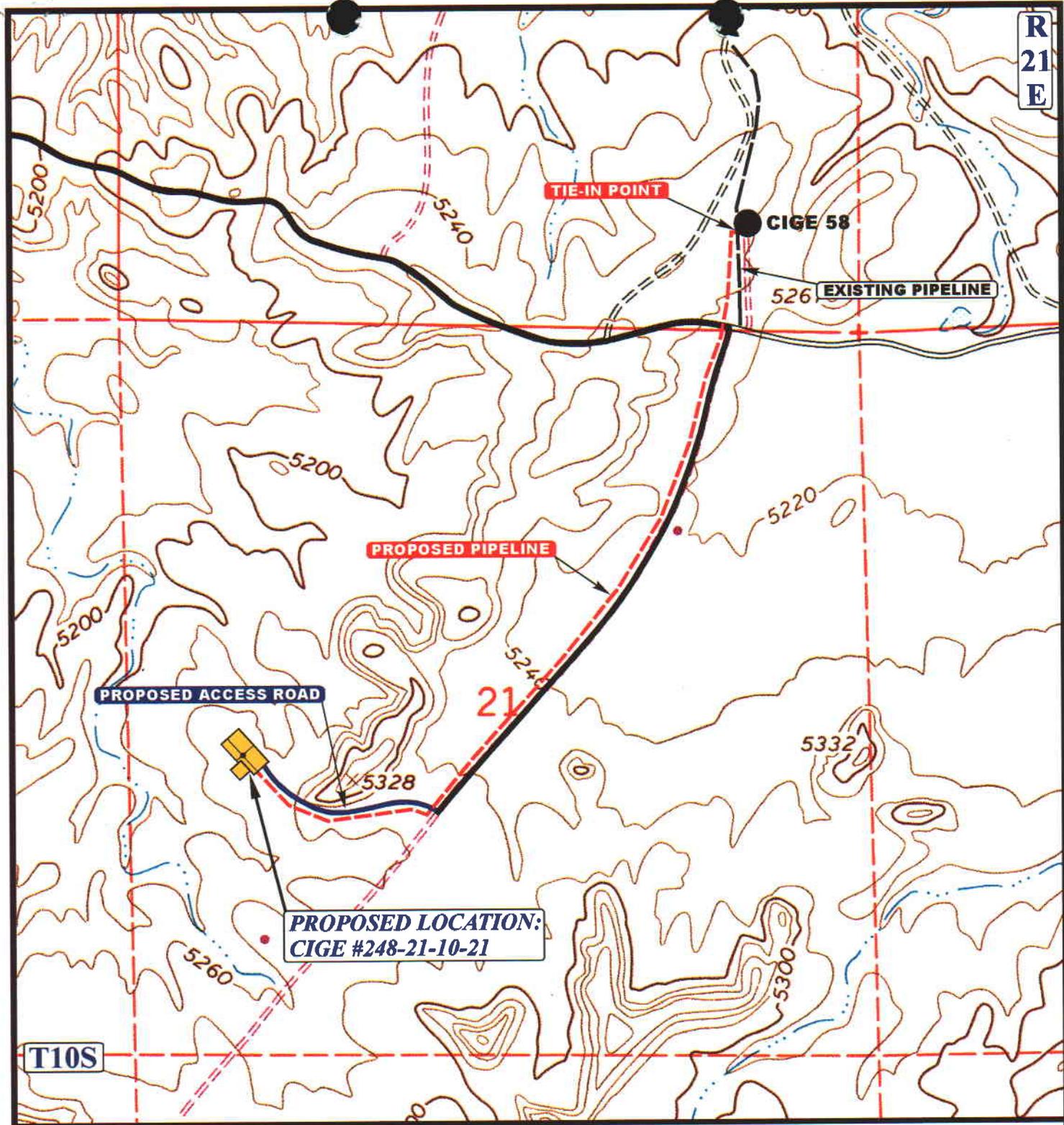
**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC** **8 25 98**  
**MAP** MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: D.COX | REVISED: 00-00-00



R  
21  
E



**APPROXIMATE TOTAL PIPELINE DISTANCE = 6,400' +/-**

**LEGEND:**

-  EXISTING PIPELINE
-  PROPOSED PIPELINE
-  PROPOSED ACCESS

**COASTAL OIL & GAS CORP.**

CIGE #248-21-10-21  
SECTION 21, T10S, R21E, S.L.B.&M.  
2197' FSL 834' FWL



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

**TOPOGRAPHIC** 8 25 98  
**MAP** MONTH DAY YEAR  
SCALE: 1" = 1000' DRAWN BY: D.COX REVISED: 00-00-00



WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/19/98

API NO. ASSIGNED: 43-047-33226

WELL NAME: CIGE 248-21-10-21  
 OPERATOR: COASTAL OIL & GAS CORP (N0230)  
 CONTACT: Sheila Bremer (303) 573-4455

PROPOSED LOCATION:  
 NWSW 21 - T10S - R21E  
 SURFACE: 2197-FSL-0834-FWL  
 BOTTOM: 2197-FSL-0834-FWL  
 UINTAH COUNTY  
 NATURAL BUTTES FIELD (630)

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering	RTK	11-4-98
Geology		
Surface		

*oil shale only*

LEASE TYPE: FED  
 LEASE NUMBER: U-02278  
 SURFACE OWNER: State

PROPOSED FORMATION: MVRD

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Federal  State  Fee []  
 (No. 11605382-9 / #102/03)
- Potash (Y/N)
- Oil Shale (Y/N) \*190-5(B)
- Water Permit  
 (No. 43-8496 #53617/Delbo)
- RDCC Review (Y/N)  
 (Date: \_\_\_\_\_)
- Fee Surf Agreement (Y/N)

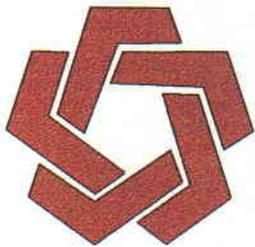
LOCATION AND SITING:

- R649-2-3. Unit Natural Buttes
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit  
 Board Cause No: \_\_\_\_\_  
 Date: \_\_\_\_\_

COMMENTS: \* Need Presite.  
\* SITLA / Tom Faddi's "Right of Entry & Fee" not necessary for unit well.

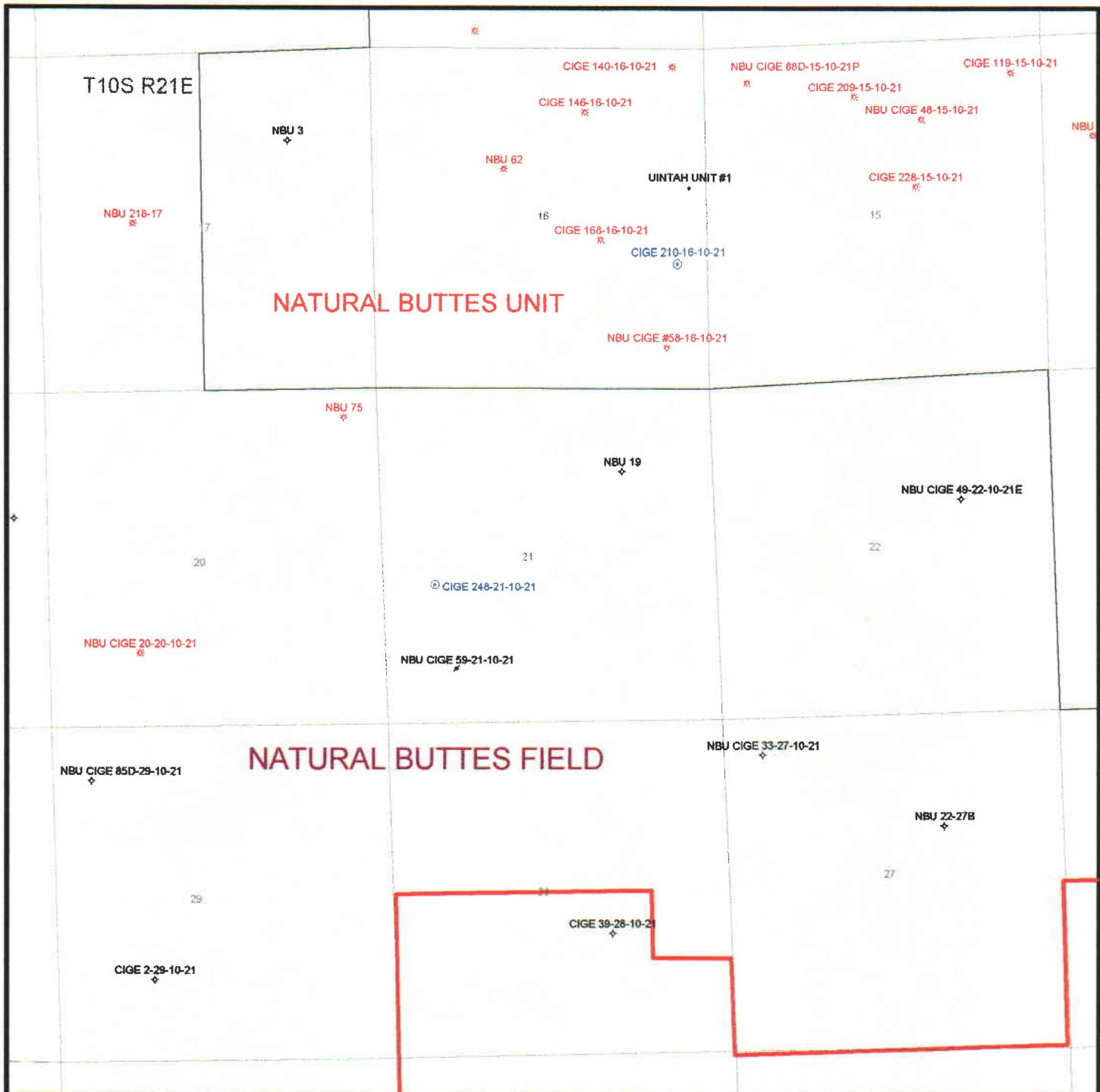
STIPULATIONS: <sup>①</sup> In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rule R649-3-31 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. For the proposed well this interval is approximately 3,424 ' to 3,502 ' below GL. The Operator shall report the actual depth the oil shale is encountered to the Division.

- ② STATEMENT OF BASIS
- ③ FEDERAL APPROVAL



DIVISION OF OIL, GAS & MINING

OPERATOR: COASTAL OIL & GAS (N0230)  
FIELD: NATURAL BUTTES (630)  
SEC. 21, TWP 10S, RNG 21E  
COUNTY: UINTAH UNIT: NATURAL BUTTES



DATE PREPARED:  
26-OCT-1998



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

Michael O. Leavitt  
Governor  
Ted Stewart  
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)

November 5, 1998

Coastal Oil & Gas Corporation  
P.O. Box 749  
Denver, Colorado 80201-0749

Re: CIGE 248-21-10-21 Well, 2197' FSL, 834' FWL, NW SW, Sec. 21, T. 10 S., R. 21 E.,  
Uintah County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-33226.

Sincerely,

A handwritten signature in black ink that reads "John R. Baza".

John R. Baza  
Associate Director

lwp

Enclosures

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

**Operator:** Coastal Oil & Gas Corporation

**Well Name & Number:** CIGE 248-21-10-21

**API Number:** 43-047-33226

**Lease:** Federal                      **Surface Owner:** State

**Location:** NW SW                      **Sec.** 21    **T.** 10 S.    **R.** 21 E.

### **Conditions of Approval**

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well. Contact Carol Daniels at (801)538-5284.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Dan Jarvis at (801) 538-5338 or Robert Krueger at (801) 538-5274.

3. Reporting Requirements

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

4. In accordance with the Order in Cause No. 190-5(b) dated October 28, 1982, the operator shall comply with the requirements of Rule R649-3-31 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. For the proposed well this interval is approximately 3,424' to 3,502' below G.L. The operator shall report the actual depth the oil shale is encountered to the Division.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

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

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

**Operator Name:** COASTAL OIL & GAS CORP. \_\_\_\_\_

**Name & Number:** CIGE 248-21-10-21 \_\_\_\_\_

**API Number:** 43-047-33226 \_\_\_\_\_

**Location:** 1/4, 1/4 NW/SW Sec. 21 T. 10S R. 21E \_\_\_\_\_

**Geology/Ground Water:**

The base of the moderately saline ground water is at approximately 4000 feet in this area. This would coincide with the approximate top of the Wasatch Formation. Fresh water zones may be encountered in sands throughout the Uinta Formation. These zones are generally discontinuous and not subject to direct recharge. The proposed surface casing should adequately protect these zones. The production casing will be cemented to cover the oil shale zones. This should bring cement above the base of the moderately saline ground water.

**Reviewer:** Brad Hill \_\_\_\_\_

**Date:** 11/5/98 \_\_\_\_\_

**Surface:**

The pre-site investigation of the surface was performed by field personnel on 10/2/98. SITLA and DWR were notified of the investigation on 9/28/98. Ed Bonner with SITLA attended. DWR did not have a representative present. Sand wash is 0.75 miles to the west. A liner will not be required for the reserve pit.

**Reviewer:** DAVID W. HACKFORD \_\_\_\_\_

**Date:** 10/5/98 \_\_\_\_\_

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

1. Reserve pit shall be constructed south of well bore.

ON-SITE PREDRILL EVALUATION

Division of Oil, Gas and Mining

OPERATOR: COASTAL OIL & GAS CORP.  
WELL NAME & NUMBER: CIGE 248-21-10-21  
API NUMBER: 43-047-33226  
LEASE: U-02278 FIELD/UNIT: NATURAL BUTTES FIELD.  
LOCATION: 1/4, 1/4 NW/SW Sec: 21 TWP: 10S RNG: 21E 2197' FSL 834' FWL  
LEGAL WELL SITING: 834' F SEC. LINE; 443' F 1/4, 1/4 LINE; \_\_\_\_\_ F ANOTHER WELL.  
GPS COORD (UTM) 12622801E 4420994N  
SURFACE OWNER: STATE OF UTAH

PARTICIPANTS

PAUL BRESHEARS, SHIELA BREMER (COGC), ROBERT KAY (UELS), HARLEY JACKSON (JACKSON CONST.), JOHN FAUSETT, ALAN JUSTICE (DIRT CONTRACTORS), DAVID HACKFORD (DOGM), ED BONNER (SITLA).

REGIONAL/LOCAL SETTING & TOPOGRAPHY

SITE IS LOCATED IN AN AREA OF VERY LOW ROLLING HILLS AND SHALLOW DRAWS SLOPING GRADUALLY TO THE NORTH. THERE IS A 100' HIGH MESA 1000' TO THE EAST.

SURFACE USE PLAN

CURRENT SURFACE USE: LIVESTOCK AND WILDLIFE GRAZING.

PROPOSED SURFACE DISTURBANCE: LOCATION WILL BE 325' X 245'.  
ACCESS ROAD WILL BE 0.3 MILES.

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

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: \_\_\_\_\_  
ALL PRODUCTION FACILITIES WILL BE ON LOCATION AND ADDED AFTER DRILLING WELL. PROPOSED PIPELINE WILL FOLLOW ACCESS ROAD.

SOURCE OF CONSTRUCTION MATERIAL: ALL CONSTRUCTION MATERIAL WILL BE BORROWED FROM THIS SITE DURING CONSTRUCTION AND IS NATIVE.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

WASTE MANAGEMENT PLAN:

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. LIQUIDS FROM PIT WILL BE ALLOWED TO EVAPORATE. FORMATION WATER WILL BE CONFINED TO STORAGE TANKS. SEWAGE FACILITIES, STORAGE AND DISPOSAL WILL BE HANDLED BY COMMERCIAL CONTRACTOR. TRASH WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO AN APPROVED LAND FILL.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: GREASEWOOD, NATIVE GRASSES, SHADSCALE, PRICKLY PEAR,  
SAGEBRUSH: PRONGHORN, RODENTS, COYOTES, BIRDS.

SOIL TYPE AND CHARACTERISTICS: LIGHT RED SANDY CLAY WITH BROKEN MULTI-  
COLOR SHALE.

SURFACE FORMATION & CHARACTERISTICS: LOCAL BEDROCK IS PREDOMINANTLY  
UPPER EOCENE SANDSTONE, SILTSTONE AND MARLSTONE OF THE DUCHESNE RIVER  
AND UINTA FORMATIONS.

EROSION/SEDIMENTATION/STABILITY: MINOR EROSION, MINOR SEDIMENTATION,  
NO STABILITY PROBLEMS ANTICIPATED.

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.

RESERVE PIT

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

LINER REQUIREMENTS (Site Ranking Form attached): NO LINER WILL BE  
REQUIRED.

SURFACE RESTORATION/RECLAMATION PLAN

AS PER STATE OF UTAH, TRUST LANDS.

SURFACE AGREEMENT: STATE OF UTAH, TRUST LANDS.

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

OTHER OBSERVATIONS/COMMENTS

INVESTIGATION WAS DONE ON A WARM DAY WITH NO SNOW COVER.

ATTACHMENTS:

PHOTOS OF PROPOSED SITE WILL BE PLACED ON FILE.

DAVID W. HACKFORD  
DOGM REPRESENTATIVE

10/2/98 10:00 AM  
DATE/TIME

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

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











UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK  
DRILL  DEEPEN   
b. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER \_\_\_\_\_  
SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
Coastal Oil & Gas Corporation

3. ADDRESS AND TELEPHONE NO.  
P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface  
2197' FSL 834' FWL  
At proposed prod. zone  
NWSW

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
See Topo Map "A"

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 834'

16. NO. OF ACRES IN LEASE  
1440

17. NO. OF ACRES ASSIGNED TO THIS WELL  
N/A

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

19. PROPOSED DEPTH  
7800'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5252' Ungraded GR

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

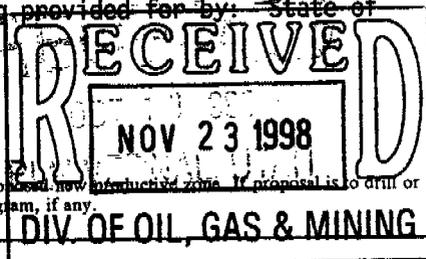
23. PROPOSED CASING AND CEMENTING PROGRAM

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

Coastal Oil & Gas Corporation proposes to drill a well to the proposed TD as stated above. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements.

See the attached Drilling Program and Multi-point Surface Use & Operations Plan.

Coastal Oil & Gas Corporation is considered to be the operator of the subject well. It agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided for by: State of Utah Bond #102103 and BLM Nationwide Bond #U605382-9.



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

24. SIGNED Sheila Bremer TITLE Environmental & Safety Analyst DATE 10/16/98

(This space for Federal or State office use)

NOTICE OF APPROVAL PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

CONDITIONS OF APPROVAL ATTACHED

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Jerry Kenigh TITLE Acting Assistant Field Manager Mineral Resources DATE NOV 10 1998  
\*See Instructions On Reverse Side

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

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Coastal Oil & Gas Corporation

Well Name & Number: CIGE 248-21-10-21

API Number: 43-047-33226

Lease Number: U-02278

Location: NWSW Sec. 21 T. 10S R. 21E

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.

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 3M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires July 31, 1996

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Serial No.  
**U-02278**

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

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

8. Well Name and No.  
**CIGE 248-21-10-21**

9. API Well No.  
**43-047-33226**

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

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  
**Coastal Oil & Gas Corporation**

3a. Address  
**P.O. Box 749, Denver, CO 80201-0749**

3b. Phone No. (include area code)  
**(303) 573-4455**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**2197' FSL & 834' FWL  
NWSW, Section 21-T10S-R21E**

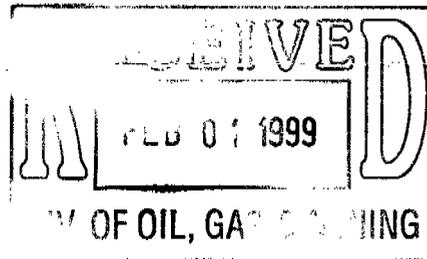
**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

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 checked="" type="checkbox"/> Other <u>Change TD</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

Operator proposes changing permitted TD from 7800' to 8900'. Casing and cement will be adjusted accordingly.

Verbal approval given 1/29/99 from Ed Forsman w/BLM and Dan Jarvis w/State of Utah DOGM.



COPY SENT TO OPERATOR  
Date: 2-11-99  
Initials: CHD

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

Title **Environmental & Safety Analyst**

Date **1/29/99**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by *Bradley G. Hill* Title **BRADLEY G. HILL** Date **2/8/99**  
**RECLAMATION SPECIALIST III**

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, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF UTAH  
DIVISION OF OIL GAS AND MINING

## DRILLING OPERATIONS

Well Name: <u>CIGE 248</u>	API Number: <u>43-047-33226</u>		
Qtr/Qtr: <u>NW/SW</u>	Section: <u>21</u>	Township: <u>10S</u>	Range: <u>21E</u>
Company Name: <u>COGC</u>			
Lease: <u>State</u>	Fee: _____	Federal: <u>X</u>	Indian: _____
Inspector: <u>David W. Hackford</u>	Date: <u>1/19/99</u>		

Inspection made in accordance with Division Inspection Standards and Procedures for drilling operations, any exceptions noted in comments.

Depth at time of visit: 3394' Last BOPE test recorded: 1/15/99

Drilling Contractor: Patterson Drilling Co. Rig No. 104

COMMENTS: Survey at 2973' was 7 1/4 degrees. Drilling with aerated water.

Nippled up with double gate, annular and rotating head. This well is on state surface with USA minerals.



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM - FORM 6

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

OPERATOR ACCT. NO. N 0230

F-688  
P-02/02  
T-694

FROM-COASTAL OIL AND GAS DOWNSTAIRS SECRETARY +4957894436

17-May-99 10:52am

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
A	99999	12548	43-047-33292	Ouray #35-80	NESW	35	85	21E	Uintah	2/6/99	2/6/99
WELL 1 COMMENTS: Spud on 2/6/99 <i>990419 entity added; KDR</i>											
B	99999	2900	43-047-33226	NBU #248	NWSW	21	105	21E	Uintah	12/27/98	12/27/98
WELL 2 COMMENTS: Spud on 12/27/98 <i>990419 entity added; (not Butter's w/NSMVD) KDR</i>											
	99999	11868	43-047-32698	Tribal 2-50 (re-entry)	NWNE	2	95	21E	Uintah	4/9/99	4/9/99
WELL 3 COMMENTS: <i>WSTC</i> Spud on 4/9/99 <i>990419 entity added to WSTC P2. KDR</i>											
A	99999	12549	43-047-33287	Glen Bench 12-36-8-21	NWSW	36	85	21E	Uintah	2/21/99	2/21/99
WELL 4 COMMENTS: Spud on 2/21/99 <i>990419 entity added. KDR</i>											
WELL 5 COMMENTS: <i>Amended</i>											

- 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)

*Cheryl Cameron*  
Signature

Environmental Analyst 4/15/99  
Title Date

Phone No. *435-781-7023*

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 deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well: Oil Well, Gas well (checked), Other. 2. Name of Operator: Coastal Oil & Gas Corporation. 3. Address and Telephone No.: P.O. Box 1148 Vernal, UT 84078 (435) 781-7023. 4. Location of Well (Footage, Sec., T., R., M., or Survey Description): 2197' FSL & 834' FWL NW/SW Sec. 21, T10S, R21E

5. Lease Designation and Serial No.: U-02278. 6. If Indian, Allottee or Tribe Name: N/A. 7. If unit or CA, Agreement Designation: Natural Buttes Unit. 8. Well Name and No.: CIGE #248-21-10-21. 9. API Well No.: 43-047-33226. 10. Field and Pool, or Exploratory Area: Natural Buttes. 11. County or Parish, State: Uintah County, Utah

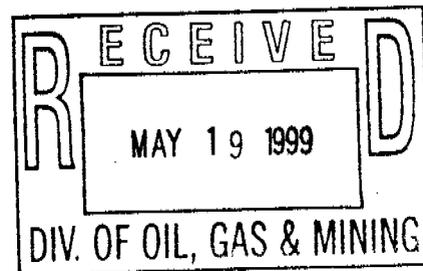
12 CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

Table with columns TYPE OF SUBMISSION and TYPE OF ACTION. Includes checkboxes for Notice of Intent, Subsequent Report, Final Abandonment Notice, Abandonment, Recompletion (checked), Plugging Back, Casing repair, Altering Casing, Other, Change of Plans, New Construction, Non-Routine Fracturing, Water Shut-off, Conversion to Injection, and Dispose Water.

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Coastal Oil & Gas Corporation requests authorization to recomplete the Wasatch formation. The subject well is currently a Mesa Verde producer. The Mesa Verde will be covered with a composite bridge plug and the Wasatch will be fraced in two stages. After fracing the Wasatch, the composite bridge plug isolating the first stage from the second will be drilled out. The Wasatch will be cleaned up and then the composite bridge plug over the Mesa Verde will be drilled out. The Mesa Verde and the Wasatch will then be produced commingled.

Please refer to the attached proposed Completion Procedure.



14. I hereby certify that the foregoing is true and correct. Signed: Cheryl Cameron, Title: Environmental Analyst, Date: 5/7/99

(This space of Federal or State office use.)

Approved by: Accepted by the Utah Division of Oil, Gas and Mining. Title: [blank], Date: [blank]. Includes stamp: COPY SENT TO OPERATOR 5-21-99

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

\*See Instruction on Reverse Side

Federal Approval of this Action is Necessary

April 26, 1999

**CIGE 248 - RECOMPLETION PROCEDURE**

Section 21 - T 10S - R 21E  
Uintah County, UT

ELEVATION: 5,249.5' GL 5,267.5' KB  
TOTAL DEPTH: 8,280' PBTB: 8,300' ( CIBP )  
CASING: 5-1/2", 17.0#, N-80, 8 rd @ 8,899'  
TUBING 2 3/8", 4.7#, J-55, 8 rd EUE @ 7,033'  
PERFORATIONS: L. Mesaverde 8,754' - 8,876' ( Below CIBP )  
M. Mesaverde 7,831' - 8,187'  
U. Mesaverde 7,072' - 7,677'  
Proposed Wasatch 5,540' - 5,966'

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2-3/8" 4.7# J-55 tbg	7,700	8,100	1.901	0.00387	0.1624
5-1/2" 17# N-80 csg	7,740	6,280	4.767	0.0232	0.9764
2 3/8" x 5-1/2" Annulus				0.0178	0.7463

**PROCEDURE - 2 STAGE FRAC**

Materials Required: 220,000 lbs. 20/40 sand, 1,700 bbls usable 3% KCl water & 1,000 gal. 15% HCl.

**Wasatch Stages 1 & 2 WILL BE FRACED IN ONE DAY**

**Wasatch Stage 1**

1. MIRU work over rig. Blow down & control well w/ 3% KCl water. ND well head & NU BOPE. POOH with tubing.
2. Pick up composite BP and RIH. Set the composite BP at 5990'. PUH and spot 500 gals of 15% HCl from 5966' to 5453'. POOH with tubing.
3. RU W/L, Pressure test composite BP to 500 psi. Perforate Wasatch stage #1 w/ 4" casing gun, 2 spf, 180 deg. Phasing (+/-0.34" hole) from 5,953' to 5,966' (Total 30 holes). Note pressure changes on report before & after each shot. Depths correlate to Schlumberger CNL/LDT log dated January 28, 1999.
4. MIRU Frac equipment. Test lines to 6,000 psi. Frac Wasatch Stage #1 (5,953' - 5,966') down csg w/ 63,000# 20/40 Sand Wedge and 558 gal. 25# Delta Fluid/ gel @ +/- 30 BPM rate. (maximum surface treating pressure not to exceed 4,900 psi.). Reduce rate to 5 BPM after 100 bbls flush has been pumped. Note ISIP.

Stage	Gel	Clean Volume (gal.)	Clean Volume (bbls.)	Cum. Volume (bbls)	Pounds Prop	Cum. Prop (lbs.)	Type Prop
Pad	25# Delta	3,500	83.3	83.3	0	0	
1 - 3 ppg	25# Delta	3,000	71.4	154.7	6,000	6,000	20/40
3 - 4 ppg	25# Delta	3,000	71.4	226.1	10,500	16,500	20/40 Sand Wedge
4 - 6 ppg	25# Delta	5,500	130.9	357	27,500	44,000	20/40 Sand Wedge
6 ppg	25# Delta	3,200	76.2	433.2	19,200	63,200	20/40 Sand Wedge
Flush	25# Delta	84	2	435.2			
	15% HCl	500	11.9	447.1			
	25# Delta	5145	122.5	569.6			

### Wasatch Stage 2

5. Set composite BP at 5690'. Pressure test the composite BP to 500 psi. Perforate Wasatch w/ 4" select-fire gun as follows:

5,667' ( 4 spf)    5,581' ( 4 spf)    5,540' ( 4 spf)    Total 12 holes

Note pressure changes on report before & after each shot. Depths correlate to Schlumberger CNL/LDT log dated January 28, 1999.

6. MIRU Frac equipment. Test lines to 6,000 psi. Frac Wasatch Stage #2 (5,540' - 5,667') down csg w/ 156,000# 20/40 Sand Wedge and 1,173 gal. 25# Delta Fluid/ gel @ +/- 30 BPM rate. (maximum surface treating pressure not to exceed 4,900 psi.). Reduce rate to 5 BPM after 100 bbls flush has been pumped. Note ISIP.

Stage	Gel	Clean Volume (gal.)	Clean Volume (bbls.)	Cum. Volume (bbls)	Pounds Prop	Cum. Prop (lbs.)	Type Prop
Pad	25# Delta	9,000	214.3	214.3	0	0	
1 - 3 ppg	25# Delta	6,000	142.9	357.2	12,000	12,000	20/40
3 - 4 ppg	25# Delta	6,000	142.9	500.1	21,000	33,000	20/40 Sand Wedge
4 - 6 ppg	25# Delta	15,000	357.1	857.2	75,000	108,000	20/40 Sand Wedge
6 ppg	25# Delta	8,000	190.5	1047.7	48,000	156,000	20/40 Sand Wedge
Flush	25# Delta	5,250	125.0	1172.7	0		

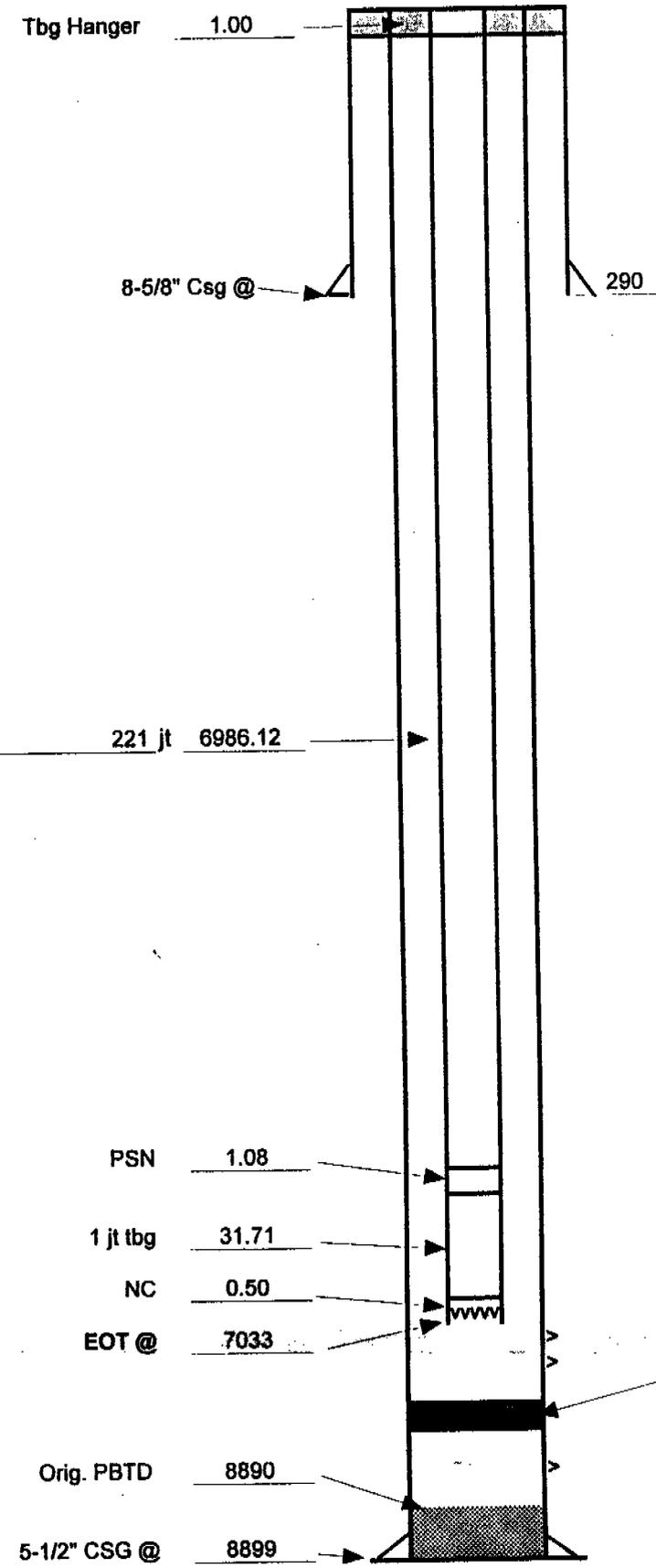
7. Flow back long enough to allow tubing to be run. RIH with 4-3/4" mill tooth bit, bit sub (with float check), 1 jt. tubing, SN, and 2-3/8" tubing. RU air-foam unit and establish circulation. Clean out sand & drill out composite BP at 5690'.
8. Flow back Wasatch for cleanup. RIH with open ended tubing to 5510' to help with cleanup if necessary. Consult with engineering prior to proceeding. POOH with tubing.

9. Go to 24 hour operation if needed. RU air foam unit. RIH with 4-3/4" mill tooth bit, pump-off bit sub (with float check), 1 jt tubing, SN, and 2-3/8" tubing. Establish circulation and drill out composite BP at 5990'. PUH to 5540' and pump off bit. NDBOP, NU well head. RD & MO work over rig.
10. Flow well to clean up and turn to sales line. Install plunger lift equipment when production falls below 500 MCF/D.

DATE: 03/26/99 WELL: CIGE 248 COUNTY: UINTAH SEC: 21  
 FOREMAN: D. NICHOLS FIELD: NBU STATE: UTAH TWS: 10 RGE: 21

KB 13.00  
 Tbg Hanger 1.00

RIG No. C.W.S. # 26



CASING RECORD					
SIZE	WT	GRADE	THD	FROM	TO
8-5/8"			ST & C	0	290
5-1/2"	17#	N-80	LT & C	0	8899

TUBING RECORD					
SIZE	WT	GRADE	THD	FROM	TO
2-3/8"	4.7#	J-55	8 rd	0	7033

JTS	PSN	TAC	MUD ANCHOR
222	7000		Size Length

SUCKER ROD RECORD			
NO	SIZE	GRADE	CPLG

ROD ROTATOR Yes  No

GAS ACHOR Size \_\_\_\_\_ Length \_\_\_\_\_

ROD GUIDE PLACEMENT (DESCRIBE):  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

PUMP DATA:		
MANUFER	SIZE	DESCR
SPM		SL

COMMENTS/PERFORATIONS:  
 U. MESAVERDE PERF F/7072-7647  
 M. MESAVERDE PERF F/7831-8187  
 CIBP SET @ 8300'  
 L. MESAVERDE PERF F/8754-8876

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well  Gas well  Other

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

3. Address and Telephone No.  
**P.O. Box 1148 Vernal, UT 84078**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**NW/SW Sec. 21, T10S, R21E  
2197' FSL & 834' FWL**

5. Lease Designation and Serial No.  
**U-02278**

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

7. If unit or CA, Agreement Designation  
**Natural Buttes Unit**

8. Well Name and No.  
**Cige #248**

9. API Well No.  
**43-047-33226**

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

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

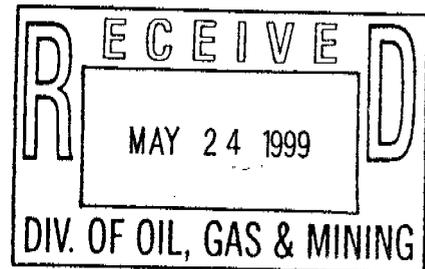
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing repair	<input type="checkbox"/> Water Shut-off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Perf / Frac</u>	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Refer to the attached Chronological Report



14. I hereby certify that the foregoing is true and correct  
Signed Katy Dow Title Environmental Secretary 5/21/99  
Katy Dow

(This space of Federal or State office use.)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

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

**\*See Instruction on Reverse Side**

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

CIGE #248  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
WI: AFE: 18957  
PDTD: 8890'

Page 1

- 2/17/99 Clean Location backfill part of Pit. Haul gravel, unit & tanks. Build pads, set unit & tanks. Complete installation of new hookup. Tie gas sale line into 4" pipeline.
- 02/21/99 **RIH w/tbg RU swivel & drill cmt&frac**  
RD & MO CWS # 26 on NBU # 244 & road rig to CIGE # 248. MI & RU CWS # 26 PU ND WH & NU BOPS. PU 4 3/4" mill & Csg scraper. Talley PU & RIH w 2 3/8 tbg. Tag fill @ 8840' POOH w/7 STD 2 3/8 tbg EOT @ 8410'. SWIFN & until Monday AM
- 02/24/99 **RU Halliburton & Frac L.MV**  
Open well up RIH w 4" select fire 4 SPF 90\*phasing perf @ 8876', 8804' & 8754'. Press 0-psi FL-surface POOH & RDCutters. PU NC & SN RIH w /2 3/8 tbg PU hanger blast jt & land w/272 jts 2 3/8 4.7 J-55 tbg EOT @ 8622' & SN @ 8590'. ND BOPS & NU WH & flowline to tank. SWIFN & WO frac prep to frac @ 8:00AM Wed. morning.  
CC: \$662,500
- 2/25/99 **Flow test L.MV Perf/Frac**  
MI & RU Halliburton to frac L. MV press test lines 6000psi held safety mtg. Started frac stage # 1 circ hole w/47 bbl 3% KCL broke w/3380 psi @ 3BPM inj rate 4560 psi @ 16.5BPM ISIP-3272psi 9 hole open. Pump 83000 #20/40 SD w/29% PAD 2-6 PPA stages. Flush w/156.2bbl ISIP-3740 psi 5 min 3560psi 10 min 3474psi 15 min 3388psi 30 min 3285 psi FTP-3147psi. Total load 904bbl MP-5080psi MR-30.1BPM AP-4890psi AR-30BPM TR PAD w/MCI antimony 2-4PPA w/16MCI scandium 4-6 PPA w/16 MCI iridium RD Halliburton. Open well w/3050psi on 18/68 CH after frac L MV perf 8754'-8876'. Flow Testing perf (8754-8876) L MV after frac SICP-2650 psi FTP-2450psi on 18/64 CH rec-90bbl Flow testing perf (8754-8876) L MV after frac SICP-2550psi FTP-2150psi on 18/64 CH Rec-99bbl TB=189BBL. Flow testing perf (8754-8876 L MV after frac SICP-2200psi FTP-1850psi on 18/64 SH Rec-67.5 TB=256.5BBL. Flow testing perf (8754-8876 L MV after frac SICP-1500 psi FTP-1500psi on 18/64 CH Rec-103.5 TB=360 BBL. Flow testing perf(8754-8876) L MV after frac SICP-960psi FTP-900psi pm 18/64 CH rec-90 BBL TB=450BBL.  
CC: \$706,464
- 2/26/99 **Flow test L MV Perf f/8754-8876**  
Flow testing L MV perff/8754-8876 after frac  
SICP-820 psi FTP-100 psi 18/64 CH 0 BBL TB=879  
SICP-920 psi FTP-80 psi 18/64 CH 4.5 BBL TB=88.3  
SICP-1000 psi FTP-50 psi 24/64 CH 4.5 BBL TB=887.6  
SICP-1100 psi FTP-40 psi 24/64 CH 2 BBL TB=889.6  
SICP-1160 psi FTP-50 psi 32/64 CH 4.5 BBL TB=894.11160  
SICP-1200 psi FTP-50psi 32/64 CH 2 BBL TB=896.1  
SICP-1200 psi FTP-80psi 32/64 CH 4.5 BBL TB=900.6  
SICP-1200 psi FTP-80psi 48/64 CH 9 BBL TB=909.6  
SICP-950 psi FTP-200 psi 48/64 CH 22.5 BBL TB=932.1  
SICP-700 psi FTP-150 psi 24/64 CH 2 BBL TB=934.1  
Chloride 25,300
- 2/27/99 **Flow testing L MV perf f/8754-8876**  
RU & Swab IFL-2300' made 3 runs rec-9bbls well started flowing. Rec-15.75 bbl flow well on 2 24/64 CH SICP-1300psi FTP-1000psi. Flowing well on 14/64 CH SICP-860psi FTP-550 psi Rec-6.75bbl. Flowing well on 24/64 CH SICP-680psi FTP-170psi Rec. 2.25 bbl. Flowing well on 24/64 CH SICP-580psi FTP-20psi RU & Swab IFL-3800' made 1 run-9bbl well started flowing. Flowing well on 48/64 CH SICP-40psi FTP-170psi Rec-2.25 bbl. RU & swab IFL-3700' made 1 run Rec-2.4 bbl well started flowing. SICP-650psi FTP-20psi swab IFL-2300 made 1 run rec 2.4 bbl. SICP-600psi FTP-180psi on 24/64 CH rec 0 bbl, Total bbl=51.8 leave well flowing to tank on 24/64CH. Chloride 30500

**Flow test L MV perf f/8754-8876 after frac**  
 2/28/99 SICP-1200psi FTP-50psi RU swab IFL-4100' made 2 runs Rec-9bbl well started flowing. Flowing well on 24/64 CH SICP-650psi FTP-120psi Rec-7bbl. Flowing well on 48/64 CH SICP-480psi FTP-80psi Rec. 4.25 bbl. Flowing well on 48/64 CH SICP-450 psi FTP-50psi Rec. 1.25 bbl. Flowing well on 48/64 CH SICP-500psi FTP-40psi RU & swab IF:-5300' Made 1 run rec 5.6bbl well flowing. Flowing well on 48/64 CH SICP-400psi FTP-40psi Rec.1.125 bbl. Flowing well on 48/64 CH SICP-320psi swab IFL-7000' made 1 run rec. 3.375bbl. SICP-320psi swab IFL-7000' made 2 runs Rec. 4.5 bbl FL-8590. Flowing well on 24/64CH SICP-220 psi FTP-80psi rec 0-bbl leave well flowing on 24/64 CH to tank . Chloride=36000 Flow Back Report (see well file) CC: \$715,714

**RIH W/CIBP**

3/2/99 SICP-1400# SITP-1160#blow well dwn tbg made 1 run 6.75bbbls wtr, IFL @ 3500' well flowing

SICP	FTP	CHOKE	Bbl wtr	Swab runs
1300#	500#	48/64"	6.75	1
680#	200#	48/64"	13.5	0
560#	100#	24/64"	2.25	0
620#	30#	24/64"	0	0

1 run, IFL 4600', 5.6 bbbls wtr, 28.1 bbbls wtr TTL. Blow dwn csg, RIH w 2/38"tbg w/EOT @ 8856', LD 18 jts 2 3/8 tbg, POOH w 2 3/8"tbg, SN& NC, SWI. SDFN

**RU Halliburton & spot acid perf f/8187-7831**

3/3/99 SICP-750psi. RU cutters & RIH w/CIBP & set @ 8300'. RIH w/ bailer dump & put sx cmt on plug. File hole w/160bbl 3%KCL & test plug 1500psi. (OK) RIH w/4" select fire gun 4SPF 90\* phasing perf @ 8187', 7957' & 7831'. Press 0psi FL surface POOH & RD cutters RIH w/NC & SN 2 3/8 tbg EOT @ 8194'. SDFN  
 CC \$723,952

**RU & swab after breakdown perf 7831-8187**

3/4/99 SICP-180psi SITP 50psi blow well dwn. RU Halliburton SPOT 9 bbl 15% HCL acid w/add across interval 7831-8187' RD Halliburton POOH w 2 3/8 tbg land tbg @ 7736' Blast jt @ surface ND BOPS & NU WH RU Halliburton breakdown perf f/7831-8137'.. Broke 3370psi @ 2.6 bpm. Inj rate 4300psi @ 4.3 bpm. Pump 40 bbl 3% KCL ISIP-2700psi 4 perf open, 5 min 2495psi, 10 min 2460psi, 15 min 2400psi RD Halliburton. Flow well back after breakdown on 18/64 CH SICP-2400psi. FTP-2400psi. Rec-20bbl SICP-100psi FTP-20psi. RU & swab IFL-surface made 13 runs rec-152 bbl. SIFD SICP-120psi FTP 0psi sand line stranded cut off 2300' line ahead.  
 CC \$733,225

**RU Halliburton & Frac M MV perf**

3/5/99 SICP 680psi SITP 550psi blow well dwn RU swab IFL 4600' made 4 runs rec 27 bbl. Flow well on 18/64 CH SICP-480psi FTP 100psi dry gas. RU & swab IFL 6300' made 1 run rec 3 bbl.. Flow well on 18/64 CH SICP 240psi FTP 100psi dry gas. RU & swab IFL 7500' made 1 run rec. 1 bbl. Flow well on 18/64 CH SICP 140psi FTP 40 psi dry gas. RU & swab IFL-scattered f/ SN rec 1/4 bbl. Flow well on 18/64 CH SICP 110 psi FTP 40psi dry gas. RU & swab no fluid in hole. Total bbl=31.25 SWIFN & WO frac  
 CC\$735,338

**Flow well after frac f/ perf (7831-8187)**

3/6/99 RU Halliburton f/ frac. Held safety meeting press test lines 5800 psi. SICP-445psi SITP-459 psi. Frac stage #2 perf f/7831-8187'. Roll hole w/177 bbl pump 148 bbl pad shut dn ISIP-2845 psi 12 hole open. Pump 232380# 20/40 SD 2-6 PPA stages 25# gel 23% PAD flush w/140 bbl. ISIP-3452 psi 5 min 3363 psi 10 min 3325 psi 15 min 3275 psi 30 min 3209 psi FTP-3050 psi. Total load 1942 bbl MP-4860 psi MR-31 bpm AP-4700 psi AR-30 B bpm. TR Pad w/9 MCI antimony. 2-4 PPA w/38 MCI scandium. 5-6 PPA w/ 53 MCI irdium. RD Halliburton. Flow well after frac on 18/64 CH. Flowing well after frac on 18/64 CH SICP-2600 psi FTP-2350 psi rec-135 bbl. Flowing well after on 18/64 CH SICP-1500 psi FTP-1300 psi Rec-292.5 bbbls Total bbl=427.5 CC: \$ 808,415  
 Flow back report(see well file)

**Flow test well after frac perf f/7831-8187**

3/7/99 Flowing well after frac on 18/64 CH SICP-on suck FTP-50 psi. Flowing well on 18/64 CH FTP-460 psi SICP-0 psi Rec-135 bbl. Flowing well on 32/64 CH FTP-550 psi SICP-0 psi

Rec-100 bbl. Flowing well on 32/64 CH FTP-420 psi SICP-70 psi Rec-67.5 bbl. Flowing well on 32/64 CH FTP-380 psi SICP-180 psi. Rec-45 bbl. Total 338 bbl. SRDFD until monday. CC: \$811,395

03/09/99 Flowing well after frac. SICP=760#, FTP=300#. 18/64 CH. Light mist, Est 500,00 Cub Ft gas. SICP=780#, FTP=300#, 18/64 CH, light mist, rec 11.5 bbl wtr. SICP=780#, FTP=300# 18/64 CH, light mist, Rec 1.1 bbl wtr Rec 12.6 bbl wtr, 1.8 BPH. Blow well dn, NDWH, NUBOP, RIH w 16 jts 2 3/8" tbg out of derrick, EOT @ 8225', No fill. POOH & lay dn 18 jts of 2 3/8" tbg. SWI, SDFD CC: \$813,270

03/10/99 SICP=1050#, Blow DN 30 min. MIRU Cutters WLS RIH w/ 5 1/2" x 17# WLS RBP set plug @ 7760'. Dump bale 1 sk sand on top of plug, est sand top @ 7750'. Perf upper Mesa Verda f/7647'-7072', 3 SPF, 120 Deg Phas 6 zones, 18 holes

Zone	Holes	FL@	Beg psi	End psi
7647'	3	Surf	0#	0#
7545'	3	Surf	0#	0#
7365'	3	Surf	0#	0#
7280'	3	Surf	0#	0#
7255'	3	Surf	0#	0#
7072'	3	Surf	0#	0#

Totals Holes= 18 FL @ Surf 0#PSI

RDMO Cutters WLS, RIH w/CN, 1 jt 2 3/8, +45 SN, 242 jts 2 3/8" tbg EOT @ 7655' RU Halliburton, Pmp 14 bbl 15% HCL, Flush w 27 bbl 3% KCL (balanced acid). POOH & LD 23 jts 2 3/8 tbg, EOT @ 6949'. NDBOP, NUWH. Pmp 24 bbl 3% KCL, Pmp 10 bbl 15% HCL w/36, 1.3 SGBS, flush w/43 bbl 3% KCL. Brk @ 2750#, 2.3 bpm SD wait 15 min. Let balls fall. Est inj RT 5.7 bpm @ 4364# psi. DIV=fair ISIP=1820# 5 min=1679 10 min=1610# 15 min=1545# load=222. RDMO Halliburton. Flow back well, FTP=1450#, 18/64CH, SICP=1450# Rec 27 Bbl wtr. RU swab equip, IFL @ surf, made 4 runs, rec 70 bbl wtr. FFL @ 2500'. SDFD, leave well open to tank FTP=0#, SICP=80#.

CC:\$824,439

03/11/99 **RU Halliburton & Frac U MV**  
Flowing well after breakdown perf f/7072-7647' SICP-650psi FTP-100 psi on 32/64 CH Rec-90 Bbl. Flowing well on 32/64 CH SICP-500psi FTP-160 psi Rec-23 bbl. Flowing well on 24/64 CH SICP-380 psi FTP-80 psi Dry gas. Flowing well on 24/64 CH SICP-400 psi FTP 60 psi dry gas. Flowing well on 24/64 CH SICP-440 psi FTP-60psi dry gas. RU & swab IFL-scatered made 1 run rec-2 bbl. Flowing well on 18/64 CH SICP-340 psi FTP-120 psi dry gas. Flowing well on 18/64 CH SICP-370 psi FTP-50 psi dry gas. SWIFN & WO Frac. CC:\$843,440

03/12/99 **Flowing well after frac perf (7072-7647)**  
MI & RU Halliburton f/frac held safety mtg. Press test lines 6000psi SICP-1800 psi SITP-2100psi. Start frac stage # 3 (7072'-7647') Load hole w/50 bbl KCL & 116 bbl pad inj rate 2150 psi @ 16.3 bpm. Pump 342700# 20/40 SD w/Delta frac w/571 gal SD WEDE 25# gel 23% PAD 2-6 PPA stages. Flush w/ 125 bbl ISIP-2992 psi 5 min-2892 psi 10 min-2840 psi 15 min-2804 psi 30 min-2715 psi. FTP-2724 psi. Total Load=2852 BBL. MP-4210 psi MR 32.2 bpm AP-3700psi AR-31.5 bpm. TR pad w/13 MCI antimony 2-4 FPPA w/60 MCI scandium 5-6 PPA w/73 MCI iridium. RD Halliburton. Flow well after frac on 18/64 CH SICP-2600 psi FTP-2600 psi. Flow well after frac on 18/64 CH SICP-2100 psi FTP-1700 psi. REC-234 bbl. SDFD & leave well flowing. CC:\$949,355  
Flow back report(see well file)

03/13/99 **Flow well after frac perf (7072-7647)**  
**Flow well after frac on 32/64 CH SICP-Vaccum FTP-10 psi Rec 22.5 Bbl.**  
Flow well after frac on 32/64 CH SICP-vaccum FTP-10 psi Rec-36 Bbl.  
RU & swab IFL-surface made 10 runs rec-135 bbl. FFL-5200'  
Flow well after frac on 24/64 CH SICP-10 psi FTP-5 psi  
Flow well after frac on 24.64 CH SICP-25 psi FTP-100 psi Rec 18 Bbl.  
Flow well after frac on 24/64 CH SICP-80 psi FTP-80 psi Rec. 13.5 Bbl.  
Total Rec. 225 Bbl. SDFD & leave well flowing. CC\$ 952,110

03/14/99 **Flowing well after frac perf f/(7072-7647)**  
Flow well after frac on 24/64 CH SICP-980 psi FTP-400 psi Rec. -21 Bbl.  
Flow well after frac on 24/64 CH SICP-1300 psi FTP-430 psi Rec. 58 Bbl.  
Flow well after frac on 24/64 CH SICP-1150 psi FTP-500 psi Rec. 67 1/2 Bbl.

Total 146.5 BBL. Leave well flowing to tank. CC:\$962,132  
Flow back report (see well file)

03/15/99 Flow back report (see well file)

03/16/99 7:00AM SICP=690# FTP=360# 24/64 CH  
8:30AM SICP=690# FTP=360# 24/64 CH Rec. 18 bbl. Wtr.  
10:30AM SICP=690# FTP=360# 24/64 CH Rec 15.7 bbl. Wtr.  
12:30 AM SICP=690# FTP=370# 24/64 CH Rec 8.9 bbl. Wtr.  
2:30 AM SICP=690# FTP=355# 24/64 CH Rec 11.2 bbl. Wtr  
Total Rec= 53.8 bbl wtr.  
SDFD, leave well flowing, turnover to flow crew.  
CC:\$963,207

03/17/99 Flow well after frac on 24/64 CH SICP-660 psi FTP-330 psi rec-2 bbl. Blow well dn pmp 40 bbl dn tbg. NDWH & NU BOPS. RU floor & tbg equip POOH w 2 3/8 tbg. Pmp 40 bbl dn csg. PU Ret tool & RIH w 2 3/8 tbg. Well kicking pump 60 bbl. Dn csg f/RIH w 2 3/8 tbg tag SD @ 7647'. RU & attemp b/circ w/H2O pump 310 bbl no returns. WO foam unit & RU swivel. RU air foam unit & b/circ w/air foam. CO SD f/7647 to 7760' RBP # 1 latch on RBP & equalize press. Release RBP # 1 @ 7760'/ Pump 10 bbl dn tbg & RD swivel. POOH w/56 jts 2 3/8 tbg & RBP. Kill well w/120 bbl KCL. F/POOH w/tbg & RBP PU NC & SN RIH w 2 3/8 tbg to 1200'. Kill well w/70 bbl KCL dn csg. F/RIH w 2 3/8 tbg to 8187'. RU swivel & B/Circ w/ air foam. CO f/8187 to 8287'. Circ hole. LD tbg & Land @ 7821'  
CC:\$969,776

03/18/99 PU hanger land w/247 jts 2 3/8 4.7 J-55 tbg w/NC & SN EOT @ 7822 & SN @7782 ND BOPS & NU WH flowline to tank. Flow well on 48/64 CH SICP-550psi FTP-25 psi. RD & MO CWS # 26 PU. Flow well on 48/64 CH SICP-575 psi FTP-130 psi. Flow well on 24/64 CH SICP-750 psi FTP-520 psi Rec. 45 bbl. Flow well on 24/64 CH SICP-950 psi FTP-420 psi Rec. 25 bbl. Total 70 bbl. In 6 hrs. Turn well over flow back crew. Flow back report & schematic (see well file)  
CC:\$ 998,173

03/19/99 Flow back report(see well file)

03/20/99 Flow back report (see well file)

3/22/99 FLOWING: 436 MCF, 0 COND, 65 H2O, 385 FTP, 825 SICP, 73 LP, 15/64 CK  
3/23/99 FLOWING: 384MCF, 0 COND, 63 H2O, 380 FTP, 850 SICP, 73 LP, 15/64 CK  
3/24/99 FLOWING: 381 MCF, 0 COND, 62 H2O, 340 FTP, 840 SICP, 60 LP, 16/64 CK  
3/25/99 FLOWING: 370MCF, 0 COND, 68 H2O, 305 FTP, 810 SICP, 70 LP, 16/64 CK

3/26/99 ND WH. NU BOP'S. LD HANGER & 25 JTS 2 3/8" TBG. PU HANGER & LAND W/222 JTS 2 3/8" TBG. EOT - 7,032', SN - 6,999'. ND BOP'S. NU WH. RDMO. SDFD. FLOWING 320 MCF, 16/64 CK. LP - 70, 58 BW IN 23 HRS.

3/27/99 SICP - 800#, FTP - 300#, BLOW WELL DWN. PUMP 10 BBLS 3% KCL DWN TBG. ND WH, NU BOP'S. RU FLOOR & TBG EQUIP. LD HANGER & 25 JTS 2 3/8" TBG. - 789'. PU HANGER & LAND W/222 JTS 2 3/8" 4.7 J-55 TBG. EOT - 7,033' & SN @ 7,000'. RD FLOOR & TBG EQUIP. ND BOP'S, NU WH. PUT WELL TO SALES W/SICP - 150#, FTP - 100# RDMO.

3/29/99 FLOWING: 322 MCF, 2.2 COND, 67 H2O, 295 TP, 700 CP, 70 LP, 17/64 CK  
3/30/99 FLOWING: 316 MCF, 0 COND, 69 H2O, 295 TP, 700 CP, 70 LP, 17/64 CK  
3/31/99 FLOWING: 316 MCF, 0 COND, 69 H2O, 295 FTP, 700 CP, 70 LP, 17/64 CK  
4/1/99 FLOWING: 291MCF, 0 COND, 58 H2O, 218 FTP, 657 SICP, 70 LP, 17/64 CK  
4/5/99 FLOWING: 262 MCF, 0 COND, 53 H2O, 207 FTP, 632 SICP, 62 LP, 17/64 CK  
4/6/99 FLOWING: 241MCF, 0 COND, 23 H2O, 180 FTP, 623 SICP, 60 LP, 17/64 CK  
4/7/99 FLOWING: 241 MCF, 0 COND, 30 H2O, 206 FTP, 640 SICP, 62 LP, 17/64 CK

Expires: February 25, 1995

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.

U-02278

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

Natural Buttes Unit

8. FARM OR LEASE NAME, WELL NO.

Cige #248

9. API WELL NO.

43-047-33226

10. FIELD AND POOL, OR WILD/CAT

Natural Buttes

11. SEC. T, R, M, OR BLOCK AND SURVEY

OR AREA  
Sec. 21, T10S, R21E

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL:

OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

b. TYPE OF COMPLETION:

NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR

Coastal Oil & Gas Corporation

3. ADDRESS AND TELEPHONE NO.

P.O. Box 1148 Vernal, UT (435)78 781-7023

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface NW/SW 2197'F FSL & 834' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

43-047-33226

DATE ISSUED

11/5/98

12. COUNTY OR PARISH

Uintah

13. STATE

UT

15. DATE SPUDDED

12/27/98

16. DATE T.D. REACHED

2/5/99

17. DATE COMPL. (Ready to prod.)

3/19/99

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

5252' Ungraded GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

8900'

21. PLUG BACK T.D., MD & TVD

8890'

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*

Mesa Verde 7072'- 7647' - 7831' -8187' - 8754' - 8876'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLI SPI GR 2-17-99

27. WAS WELL CORED

No

CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB/FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8 5/8	24 #	290'	11"	100 sx P-A gw/ 2% CaCl +1/4 # sk flocele	
5 1/2	5 1/2	8899'	7 1/8"	675 sx 6% EX- L2 + Add followed by 380 sx + Add & 980 sx Cmt + Add	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8	7033'	

31. PERFORATION RECORD (Interval, size and number)

Refer to Item # 24

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
Refer to attached Chrono's	

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)					
3/21/99	Flowing	Producing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF	WATER--BBL.	GAS-OIL RATIO
3/21/99	24	15/64		0	444	47	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF	WATER--BBL.	OIL GRAVITY-API (CORR.)	
435	825		0	444	47		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold & Used for Fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Chrono's

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

SIGNED Cheryl Cameron

TITLE Cheryl Cameron  
Environmental Analyst

DATE

06/02/99

\*(See Instructions and Spaces for Additional Data on Reverse Side)

## INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachments.

ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).

### 37. SUMMARY OF POROUS ZONES:

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.

### 38. GEOLOGIC MARKERS

Formation	Top	Bottom	Description, contents, etc.	Name		Top	
				Meas. Depth	True Vert. Depth		
				Top of Green River Top of Wasatch Top of Mesaverde	1192' 4366' 6926'		

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

CIGE #248

Page 1

NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
WI: AFE: 18957  
PDTD: 8890'

2/17/99 Clean Location backfill part of Pit. Haul gravel, unit & tanks. Build pads, set unit & tanks. Complete installation of new hookup. Tie gas sale line into 4" pipeline.

02/21/99 **RIH w/tbg RU swivel & drill cmt&frac**  
RD & MO CWS # 26 on NBU # 244 & road rig to CIGE # 248. MI & RU CWS # 26 PU ND WH & NU BOPS. PU 4 3/4" mill & Csg scraper. Talley PU & RIH w 2 3/8 tbg. Tag fill @ 8840' POOH w/7 STD 2 3/8 tbg EOT @ 8410'. SWIFN & until Monday AM

02/24/99 **RU Halliburton & Frac L.MV**  
Open well up RIH w 4" select fire 4 SPF 90\*phasing perf @ 8876', 8804' & 8754'. Press 0-psi FL-surface POOH & RDCutters. PU NC & SN RIH w /2 3/8 tbg PU hanger blast jt & land w/272 jts 2 3/8 4.7 J-55 tbg EOT @ 8622' & SN @ 8590'. ND BOPS & NU WH & flowline to tank. SWIFN & WO frac prep to frac @ 8:00AM Wed. morning.  
CC: \$662,500

2/25/99 **Flow test L.MV Perf/Frac**  
MI & RU Halliburton to frac L. MV press test lines 6000psi held safety mtg. Started frac stage # 1 circ hole w/47 bbl 3% KCL broke w/3380 psi @ 3BPM inj rate 4560 psi @ 16.5BPM ISIP-3272psi 9 hole open. Pump 83000 #20/40 SD w/29% PAD 2-6 PPA stages. Flush w/156.2bbl ISIP-3740 psi 5 min 3560psi 10 min 3474psi 15 min 3388psi 30 min 3285 psi FTP-3147psi. Total load 904bbl MP-5080psi MR-30.1BPM AP-4890psi AR-30BPM TR PAD w/MCI antimony 2-4PPA w/16MCI scandium 4-6 PPA w/16 MCI irdium RD Halliburton. Open well w/3050psi on 18/68 CH after frac L MV perf 8754'-8876'. Flow Testing perf (8754-8876) L MV after frac SICP-2650 psi FTP-2450psi on 18/64 CH rec-90bbl Flow testing perf (8754-8876) L MV after frac SICP-2550psi FTP-2150psi on 18/64 CH Rec-99bbl TB=189BBL. Flow testing perf (8754-8876 L MV after frac SICP-2200psi FTP-1850psi on 18/64 SH Rec-67.5 TB=256.5BBL. Flow testing perf (8754-8876 L MV after frac SICP-1500 psi FTP-1500psi on 18/64 CH Rec-103.5 TB=360 BBL. Flow testing perf(8754-8876) L MV after frac SICP-960psi FTP-900psi pm 18/64 CH rec-90 BBL TB=450BBL.  
CC: \$706,464

2/26/99 **Flow test L MV Perf f/8754-8876**  
Flow testing L MV perff/8754-8876 after frac  
SICP-820 psi FTP-100 psi 18/64 CH 0 BBL TB=879  
SICP-920 psi FTP-80 psi 18/64 CH 4.5 BBL TB=88.3  
SICP-1000 psi FTP-50 psi 24/64 CH 4.5 BBL TB=887.6  
SICP-1100 psi FTP-40 psi 24/64 CH 2 BBL TB=889.6  
SICP-1160 psi FTP-50 psi 32/64 CH 4.5 BBL TB=894.11160  
SICP-1200 psi FTP-50psi 32/64 CH 2 BBL TB=896.1  
SICP-1200 psi FTP-80psi 32/64 CH 4.5 BBL TB=900.6  
SICP-1200 psi FTP-80psi 48/64 CH 9 BBL TB=909.6  
SICP-950 psi FTP-200 psi 48/64 CH 22.5 BBL TB=932.1  
SICP-700 psi FTP-150 psi 24/64 CH 2 BBL TB=934.1  
Chloride 25,300

2/27/99 **Flow testing L MV perf f/8754-8876**  
RU & Swab IFL-2300' made 3 runs rec-9bbls well started flowing. Rec-15.75 bbl flow well on 2 24/64 CH SICP-1300psi FTP-1000psi. Flowing well on 14/64 CH SICP-860psi FTP-550 psi Rec-6.75bbl. Flowing well on 24/64 CH SICP-680psi FTP-170psi Rec. 2.25 bbl. Flowing well on 24/64 CH SICP-580psi FTP-20psi RU & Swab IFL-3800' made 1 run-9bbl well started flowing. Flowing well on 48/64 CH SICP-40psi FTP-170psi Rec-2.25 bbl. RU & swab IFL-3700' made 1 run Rec-2.4 bbl well started flowing. SICP-650psi FTP-20psi swab IFL-2300 made 1 run rec 2.4 bbl. SICP-600psi FTP-180psi on 24/64 CH rec 0 bbl, Total bbl=51.8 leave well flowing to tank on 24/64CH. Chloride 30500

**Flow test L MV perf f/8754-8876 after frac**

2/28/99 SICP-1200psi FTP-50psi RU swab IFL-4100' made 2 runs Rec-9bbl well started flowing. Flowing well on 24/64 CH SICP-650psi FTP-120psi Rec-7bbl. Flowing well on 48/64 CH SICP-480psi FTP-80psi Rec. 4.25 bbl. Flowing well on 48/64 CH SICP-450 psi FTP-50psi Rec. 1.25 bbl. Flowing well on 48/64 CH SICP-500psi FTP-40psi RU & swab IF:-5300' Made 1 run rec 5.6bbl well flowing. Flowing well on 48/64 CH SICP-400psi FTP-40psi Rec.1.125 bbl. Flowing well on 48/64 CH SICP-320psi swab IFL-7000' made 1 run rec. 3.375bbl. SICP-320psi swab IFL-7000' made 2 runs Rec. 4.5 bbl FL-8590. Flowing well on 24/64CH SICP-220 psi FTP-80psi rec 0-bbl leave well flowing on 24/64 CH to tank . Chloride=36000 Flow Back Report (see well file) CC: \$715,714

**RIH W/CIBP**

3/2/99 SICP-1400# SITP-1160#blow well dwn tbg made 1 run 6.75bbbls wtr, IFL @ 3500' well flowing

SICP	FTP	CHOKE	Bbl wtr	Swab runs
1300#	500#	48/64"	6.75	1
680#	200#	48/64"	13.5	0
560#	100#	24/64"	2.25	0
620#	30#	24/64"	0	0

1 run, IFL 4600', 5.6 bbbls wtr, 28.1 bbbls wtr TTL. Blow dwn csg, RIH w 2/38"tbg w/EOT @ 8856', LD 18 jts 2 3/8 tbg, POOH.w 2 3/8"tbg, SN& NC, SWI. SDFN

**RU Halliburton & spot acid perf f/8187-7831**

3/3/99 SICP-750psi. RU cutters & RIH w/CIBP & set @ 8300'. RIH w/ bailer dump & put sx cmt on plug. File hole w/160bbl 3%KCL & test plug 1500psi. (OK) RIH w/4" select fire gun 4SPF 90\* phasing perf @ 8187', 7957' & 7831'. Press 0psi FL surface POOH & RD cutters RIH w/NC & SN 2 3/8 tbg EOT @ 8194'. SDFN

CC \$723,952

**RU & swab after breakdown perf 7831-8187**

3/4/99 SICP-180psi SITP 50psi blow well dwn. RU Halliburton SPOT 9 bbl 15% HCL acid w/add across interval 7831-8187' RD Halliburton POOH w 2 3/8 tbg land tbg @ 7736' Blast jt @ surface ND BOPS & NU WH RU Halliburton breakdown perf f/7831-8137'.. Broke 3370psi @ 2.6 bpm. Inj rate 4300psi @ 4.3 bpm. Pump 40 bbl 3% KCL ISIP-2700psi 4 perf open, 5 min 2495psi ,10 min 2460psi ,15 min 2400psi RD Halliburton. Flow well back after breakdown on 18/64 CH SICP-2400psi. FTP-2400psi. Rec-20bbl SICP-100psi FTP-20psi. RU & swab IFL-surface made 13 runs rec-152 bbl. SIFD SICP-120psi FTP 0psi sand line stranded cut off 2300' line rehead.

CC \$733,225

**RU Halliburton & Frac M MV perf**

3/5/99 SICP 680psi SITP 550psi blow well dwn RU swab IFL 4600' made 4 runs rec 27 bbl. Flow well on 18/64 CH SICP-480psi FTP 100psi dry gas. RU & swab IFL 6300' made 1 run rec 3 bbl.. Flow well on 18/64 CH SICP 240psi FTP 100psi dry gas. RU & swab IFL 7500' made 1 run rec. 1 bbl. Flow well on 18/64 CH SICP 140psi FTP 40 psi dry gas. RU & swab IFL-scattered f/ SN rec 1/4 bbl. Flow well on 18/64 CH SICP 110 psi FTP 40psi dry gas. RU & swab no fluid in hole. Total bbl=31.25 SWIFN & WO frac

CC\$735,338

**Flow well after frac f/ perf (7831-8187)**

3/6/99 RU Halliburton f/ frac. Held safety meeting press test lines 5800 psi. SICP-445psi SITP-459 psi. Frac stage #2 perf f/7831-8187'. Roll hole w/177 bbl pump 148 bbl pad shut dn ISIP-2845 psi 12 hole open. Pump 232380# 20/40 SD 2-6 PPA stages 25# gel 23% PAD flush w/140 bbl. ISIP-3452 psi 5 min 3363 psi 10 min 3325 psi 15 min 3275 psi 30 min 3209 psi FTP-3050 psi. Total load 1942 bbl MP-4860 psi MR-31 bpm AP-4700 psi AR-30 B bpm. TR Pad w/9 MCI antimony. 2-4 PPA w/38 MCI scandium. 5-6 PPA w/ 53 MCI iridium. RD Halliburton. Flow well after frac on 18/64 CH. Flowing well after frac on 18/64 CH SICP-2600 psi FTP-2350 psi rec-135 bbl. Flowing well after on 18/64 CH SICP-1500 psi FTP-1300 psi Rec-292.5 bbbls Total bbl=427.5 CC: \$ 808,415 Flow back report(see well file)

**Flow test well after frac perf f/7831-8187**

3/7/99 Flowing well after frac on 18/64 CH SICP-on suck FTP-50 psi. Flowing well on 18/64 CH FTP-460 psi SICP-0 psi Rec-135 bbl. Flowing well on 32/64 CH FTP-550 psi SICP-0 psi

Rec-100 bbl. Flowing well on 32/64 CH FTP-420 psi SICP-70 psi Rec-67.5 bbl. Flowing well on 32/64 CH FTP-380 psi SICP-180 psi. Rec-45 bbl. Total 338 bbl. SRDFD until monday. CC: \$811,395

03/09/99 Flowing well after frac. SICP=760#, FTP=300#. 18/64 CH. Light mist, Est 500,00 Cub Ft gas. SICP=780#, FTP=300#, 18/64 CH, light mist, rec 11.5 bbl wtr. SICP=780#, FTP=300# 18/64 CH, light mist, Rec 1.1 bbl wtr Rec 12.6 bbl wtr, 1.8 BPII. Blow well dn, NDWH, NUBOP, RIH w 16 jts 2 3/8" tbg out of derrick, EOT @ 8225', No fill. POOH & lay dn 18 jts of 2 3/8" tbg. SWI, SDFD CC: \$813,270

03/10/99 SICP=1050#, Blow DN 30 min. MIRU Cutters WLS RIH w/ 5 1/2" x 17# WLS RBP set plug @ 7760'. Dump bale 1 sk sand on top of plug, est sand top @ 7750'. Perf upper Mesa Verda f/7647'-7072', 3 SPF, 120 Deg Phas 6 zones, 18 holes

Zone	Holes	FL@	Beg psi	End psi
7647'	3	Surf	0#	0#
7545'	3	Surf	0#	0#
7365'	3	Surf	0#	0#
7280'	3	Surf	0#	0#
7255'	3	Surf	0#	0#
7072'	3	Surf	0#	0#

Totals Holes= 18 FL @ Surf 0#PSI

RDMO Cutters WLS, RIH w/CN, 1 jt 2 3/8, +45 SN, 242 jts 2 3/8" tbg EOT @ 7655' RU Halliburton, Pmp 14 bbl 15% HCL, Flush w 27 bbl 3% KCL (balanced acid). POOH & LD 23 jts 2 3/8" tbg, EOT @ 6949'. NDBOP, NUWH. Pmp 24 bbl 3% KCL, Pmp 10 bbl 15% HCL w/36, 1.3 SGBS, flush w/43 bbl 3% KCL. Brk @ 2750#, 2.3 bpm SD wait 15 min. Let balls fall. Est inj RT 5.7 bpm @ 4364# psi.. DIV=fair ISIP=1820# 5 min=1679 10 min=1610# 15 min=1545# load=222. RDMO Halliburton. Flow back well, FTP=1450#, 18/64CH, SICP =1450# Rec 27 Bbl wtr. RU swab equip, IFL @ surf, made 4 runs, rec 70 bbl wtr. FFL @ 2500'. SDFD, leave well open to tank FTP=0#, SICP=80#.

CC:\$824,439

03/11/99 **RU Halliburton & Frac U MV**  
Flowing well after breakdown perf f/7072-7647' SICP-650psi FTP-100 psi on 32/64 CH Rec-90 Bbl. Flowing well on 32/64 CH SICP-500psi FTP-160 psi Rec-23 bbl. Flowing well on 24/64 CH SICP-380 psi FTP-80 psi Dry gas. Flowing well on 24/64 CH SICP-400 psi FTP 60 psi dry gas. Flowing well on 24/64 CH SICP-440 psi FTP-60psi dry gas. RU & swab IFL-scatered made 1 run rec-2 bbl. Flowing well on 18/64 CH SICP-340 psi FTP-120 psi dry gas. Flowing well on 18/64 CH SICP-370 psi FTP-50 psi dry gas. SWIFN & WO Frac. CC:\$843,440

03/12/99 **Flowing well after frac perf (7072-7647)**  
MI & RU Halliburton f/frac held safety mtg. Press test lines 6000psi SICP-1800 psi SITP-2100psi. Start frac stage # 3 (7072'-7647') Load hole w/50 bbl KCL & 116 bbl pad inj rate 2150 psi @ 16.3 bpm. Pump 342700# 20/40 SD w/Delta frac w/571 gal SD WEDE 25# gel 23% PAD 2-6 PPA stages. Flush w/ 125 bbl ISIP-2992 psi 5 min-2892 psi 10 min-2840 psi 15 min-2804 psi 30 min-2715 psi. FTP-2724 psi. Total Load=2852 BBL. MP-4210 psi MR 32.2 bpm AP-3700psi AR-31.5 bpm. TR pad w/13 MCI antimony 2-4 FPPA w/60 MCI scandium 5-6 PPA w/73 MCI iridium. RD Halliburton. Flow well after frac on 18/64 CH SICP-2600 psi FTP-2600 psi. Flow well after frac on 18/64 CH SICP-2100 psi FTP-1700 psi. REC-234 bbl. SDFD & leave well flowing. CC:\$949,355  
Flow back report(see well file)

03/13/99 **Flow well after frac perf (7072-7647)**  
Flow well after frac on 32/64 CH SICP-Vaccum FTP-10 psi Rec 22.5 Bbl.  
Flow well after frac on 32/64 CH SICP-vaccum FTP-10 psi Rec-36 Bbl.  
RU & swab IFL-surface made 10 runs rec-135 bbl. FFL-5200'  
Flow well after frac on 24/64 CH SICP-10 psi FTP-5 psi  
Flow well after frac on 24.64 CH SICP-25 psi FTP-100 psi Rec 18 Bbl.  
Flow well after frac on 24/64 CH SICP-80 psi FTP-80 psi Rec. 13.5 Bbl.  
Total Rec. 225 Bbl. SDFD & leave well flowing. CC\$ 952,110

03/14/99 **Flowing well after frac perf f/(7072-7647)**  
Flow well after frac on 24/64 CH SICP-980 psi FTP-400 psi Rec. -21 Bbl.  
Flow well after frac on 24/64 CH SICP-1300 psi FTP-430 psi Rec. 58 Bbl.  
Flow well after frac on 24/64 CH SICP-1150 psi FTP-500 psi Rec. 67 1/2 Bbl.

Total 146.5 BBL. Leave well flowing to tank.  
Flow back report (see well file) CC:\$962,132

03/15/99 Flow back report (see well file)

03/16/99 7:00AM SICP=690# FTP=360# 24/64 CH  
8:30AM SICP=690# FTP=360# 24/64 CH Rec. 18 bbl. Wtr.  
10:30AM SICP=690# FTP=360# 24/64 CH Rec 15.7 bbl. Wtr.  
12:30 AM SICP=690# FTP=370# 24/64 CH Rec 8.9 bbl. Wtr.  
2:30 AM SICP=690# FTP=355# 24/64 CH Rec 11.2 bbl. Wtr  
Total Rec= 53.8 bbl wtr.  
SDFD, leave well flowing, turnover to flow crew.

CC:\$963,207

03/17/99 Flow well after frac on 24/64 CH SICP-660 psi FTP-330 psi rec-2 bbl. Blow well dn pmp 40 bbl dn tbg. NDWH & NU BOPS. RU floor & tbg equip POOH w 2 3/8 tbg. Pmp 40 bbl dn csg. PU Ret tool & RIIH w 2 3/8 tbg. Well kicking pump 60 bbl. Dn csg f/RIH w 2 3/8 tbg tag SD @ 7647'. RU & attemp b/circ w/H2O pump 310 bbl no returns. WO foam unit & RU swivel. RU air foam unit & b/circ w/air foam. CO SD f/7647 to 7760' RBP # 1 latch on RBP & equalize press. Release RBP # 1 @ 7760'/ Pump 10 bbl dn tbg & RD swivel. POOH w/56 jts 2 3/8 tbg & RBP. Kill well w/120 bbl KCL. F/POOH w/tbg & RBP PU NC & SN RIIH w 2 3/8 tbg to 1200'. Kill well w/70 bbl KCL dn csg. F/RIH w 2 3/8 tbg to 8187'. RU swivel & B/Circ w/ air foam. CO f/8187 to 8287'. Circ hole. LD tbg & Land @ 7821'  
CC:\$969,776

03/18/99 PU hanger land w/247 jts 2 3/8 4.7 J-55 tbg w/NC & SN EOT @ 7822 & SN @7782 ND BOPS & NU WH flowline to tank. Flow well on 48/64 CH SICP-550psi FTP-25 psi. RD & MO CWS # 26 PU. Flow well on 48/64 CH SICP-575 psi FTP-130 psi. Flow well on 24/64 CH SICP-750 psi FTP-520 psi Rec. 45 bbl. Flow well on 24/64 CH SICP-950 psi FTP-420 psi Rec. 25 bbl. Total 70 bbl. In 6 hrs. Turn well over flow back crew. Flow back report & schematic (see well file)

CC:\$ 998,173

03/19/99 Flow back report(see well file)

03/20/99 Flow back report (see well file)

**NOTE: ANY COSTS AFTER THIS DATE SHOULD BE CHARGED TO  
AEE# FOR WASATCH RECOMPLETIONS**

3/22/99 FLOWING: 436 MCF, 0 COND, 65 H2O, 385 FTP, 825 SICP, 73 LP, 15/64 CK  
3/23/99 FLOWING: 384MCF, 0 COND, 63 H2O, 380 FTP, 850 SICP, 73 LP, 15/64 CK  
3/24/99 FLOWING: 381 MCF, 0 COND, 62 H2O, 340 FTP, 840 SICP, 60 LP, 16/64 CK  
3/25/99 FLOWING: 370MCF, 0 COND, 68 H2O, 305 FTP, 810 SICP, 70 LP, 16/64 CK

3/26/99 ND WH. NU BOP'S. LD HANGER & 25 JTS 2 3/8" TBG. PU HANGER & LAND W/222 JTS 2 3/8" TBG. EOT - 7,032', SN - 6,999'. ND BOP'S. NU WH. RDMO. SDFD. FLOWING 320 MCF, 16/64 CK. LP - 70, 58 BW IN 23 IIRS.

3/27/99 SICP - 800#, FTP - 300#, BLOW WELL. DWN. PUMP 10 BBLS 3% KCL DWN TBG. ND WH, NU BOP'S. RU FLOOR & TBG EQUIP. LD HANGER & 25 JTS 2 3/8" TBG. - 789'. PU HANGER & LAND W/222 JTS 2 3/8" 4.7 J-55 TBG. EOT - 7,033' & SN @ 7,000'. RD FLOOR & TBG EQUIP. ND BOP'S, NU WH. PUT WELL TO SALES W/SICP - 150#, FTP - 100# RDMO.

3/29/99 FLOWING: 322 MCF, 2.2 COND, 67 H2O, 295 TP, 700 CP, 70 LP, 17/64 CK  
3/30/99 FLOWING: 316 MCF, 0 COND, 69 H2O, 295 TP, 700 CP, 70 LP, 17/64 CK  
3/31/99 FLOWING: 316 MCF, 0 COND, 69 H2O, 295 FTP, 700 CP, 70 LP, 17/64 CK  
4/1/99 FLOWING: 291MCF, 0 COND, 58 H2O, 218 FTP, 657 SICP, 70 LP, 17/64 CK  
4/5/99 FLOWING: 262 MCF, 0 COND, 53 H2O, 207 FTP, 632 SICP, 62 LP, 17/64 CK  
4/6/99 FLOWING: 241MCF, 0 COND, 23 H2O, 180 FTP, 623 SICP, 60 LP, 17/64 CK

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires July 31, 1996

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

*SUBMIT IN TRIPLICATE - Other instructions on reverse side*

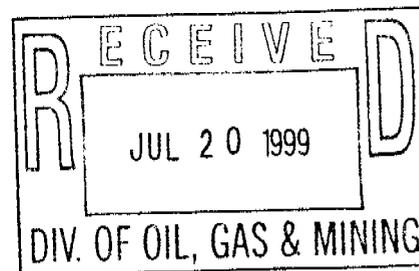
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>U- 02278</b>
2. Name of Operator <b>Coastal Oil &amp; Gas Corporation</b>		6. If Indian, Allottee or Tribe Name <b>N/A</b>
3a. Address <b>P.O. Box 1148, Vernal UT 84078</b>	3b. Phone No. (include area code) <b>(435)781-7023</b>	7. If Unit or CA/Agreement, Name and/or No. <b>Natural Buttes Unit</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>NW/NW Sec.21, T10S, R21E 2197'FSL &amp; 834'FWL</b>		8. Well Name and No. <b>Cige #248</b>
		9. API Well No. <b>43-047-33226</b>
		10. Field and Pool, or Exploratory Area <b>Natural Buttes</b>
		11. County or Parish, State <b>Uintah County UT</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input type="checkbox"/> 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 checked="" type="checkbox"/> Other <u>Completion</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity

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

Please refer to the attached Chronological Completion Report.



14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) <b>Ka Cheryl Cameron</b> <i>Cheryl Cameron</i>	Title <b>Environmental Analyst</b>
	Date <b>7/12/99</b>

**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, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

**CIGE #248**

SEC. 21 T10S, R21E, NWSW  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH

WI: AFE: 18957 (MESA VERDE)  
PENDING (WASATCH)

PERF: 5,540-6,967'

PDTD: 8300'

CSG:5.5 X 17# N-80 @8,899'

Page 1

- 2/17/99 Clean Location backfill part of Pit. Haul gravel, unit & tanks. Build pads, set unit & tanks. Complete installation of new hookup. Tie gas sale line into 4" pipeline.
- 02/21/99 **RIH w/tbg RU swivel & drill cmt&frac**  
RD & MO CWS # 26 on NBU # 244 & road rig to CIGE # 248. MI & RU CWS # 26 PU ND WH & NU BOPS. PU 4 3/4" mill & Csg scraper. Talley PU & RIH w 2 3/8 tbg. Tag fill @ 8840' POOH w/7 STD 2 3/8 tbg EOT @ 8410'. SWIFN & until Monday AM
- 02/24/99 **RU Halliburton & Frac L.MV**  
Open well up RIH w 4" select fire 4 SPF 90\*phasing perf @ 8876', 8804' & 8754'. Press 0-psi FL-surface POOH & RDCutters. PU NC & SN RIH w /2 3/8 tbg PU hanger blast jt & land w/272 jts 2 3/8 4.7 J-55 tbg EOT @ 8622' & SN @ 8590'. ND BOPS & NU WH & flowline to tank. SWIFN & WO frac prep to frac @ 8:00AM Wed. morning.  
CC: \$662,500
- 2/25/99 **Flow test L.MV Perf/Frac**  
MI & RU Halliburton to frac L. MV press test lines 6000psi held safety mtg. Started frac stage # 1 circ hole w/47 bbl 3% KCL broke w/3380 psi @ 3BPM inj rate 4560 psi @ 16.5BPM ISIP-3272psi 9 hole open. Pump 83000 #20/40 SD w/29% PAD 2-6 PPA stages. Flush w/156.2bbl ISIP-3740 psi 5 min 3560psi 10 min 3474psi 15 min 3388psi 30 min 3285 psi FTP-3147psi. Total load 904bbl MP-5080psi MR-30.1BPM AP-4890psi AR-30BPM TR PAD w/MCI antimony 2-4PPA w/16MCI scandium 4-6 PPA w/16 MCI irdium RD Halliburton. Open well w/3050psi on 18/68 CH after frac L MV perf 8754'-8876'. Flow Testing perf (8754-8876) L MV after frac SICP-2650 psi FTP-2450psi on 18/64 CH rec-90bbl Flow testing perf (8754-8876) L MV after frac SICP-2550psi FTP-2150psi on 18/64 CH Rec-99bbl TB=189BBL. Flow testing perf (8754-8876) L MV after frac SICP-2200psi FTP-1850psi on 18/64 SH Rec-67.5 TB=256.5BBL. Flow testing perf (8754-8876) L MV after frac SICP-1500 psi FTP-1500psi on 18/64 CH Rec-103.5 TB=360 BBL. Flow testing perf(8754-8876) L MV after frac SICP-960psi FTP-900psi pm 18/64 CH rec-90 BBL TB=450BBL.  
CC: \$706,464
- 2/26/99 **Flow test L MV Perf f/8754-8876**  
Flow testing L MV perff/8754-8876 after frac  
SICP-820 psi FTP-100 psi 18/64 CH 0 BBL TB=879  
SICP-920 psi FTP-80 psi 18/64 CH 4.5 BBL TB=88.3  
SICP-1000 psi FTP-50 psi 24/64 CH 4.5 BBL TB=887.6  
SICP-1100 psi FTP-40 psi 24/64 CH 2 BBL TB=889.6  
SICP-1160 psi FTP-50 psi 32/64 CH 4.5 BBL TB=894.11160  
SICP-1200 psi FTP-50psi 32/64 CH 2 BBL TB=896.1  
SICP-1200 psi FTP-80psi 32/64 CH 4.5 BBL TB=900.6  
SICP-1200 psi FTP-80psi 48/64 CH 9 BBL TB=909.6  
SICP-950 psi FTP-200 psi 48/64 CH 22.5 BBL TB=932.1  
SICP-700 psi FTP-150 psi 24/64 CH 2 BBL TB=934.1  
Chloride 25,300
- 2/27/99 **Flow testing L MV perf f/8754-8876**  
RU & Swab IFL-2300' made 3 runs rec-9bbls well started flowing. Rec-15.75 bbl flow well on 2 24/64 CH SICP-1300psi FTP-1000psi. Flowing well on 14/64 CH SICP-860psi FTP-550 psi Rec-6.75bbl. Flowing well on 24/64 CH SICP-680psi FTP-170psi Rec. 2.25 bbl. Flowing well on 24/64 CH SICP-580psi FTP-20psi RU & Swab IFL-3800' made 1 run-9bbl well started flowing. Flowing well on 48/64 CH SICP-40psi FTP-170psi Rec-2.25 bbl.

RU & swab IFL-3700' made 1 run Rec-2.4 bbl well started flowing. SICP-650psi FTP-20psi swab IFL-2300 made 1 run rec 2.4 bbl. SICP-600psi FTP-180psi on 24/64 CH rec 0 bbl, Total bbl=51.8 leave well flowing to tank on 24/64CH. Chloride 30500

**Flow test L MV perf f/8754-8876 after frac**

2/28/99 SICP-1200psi FTP-50psi RU swab IFL-4100' made 2 runs Rec-9bbl well started flowing. Flowing well on 24/64 CH SICP-650psi FTP-120psi Rec-7bbl. Flowing well on 48/64 CH SICP-480psi FTP-80psi Rec. 4.25 bbl. Flowing well on 48/64 CH SICP-450 psi FTP-50psi Rec. 1.25 bbl. Flowing well on 48/64 CH SICP-500psi FTP-40psi RU & swab IF:-5300' Made 1 run rec 5.6bbl well flowing. Flowing well on 48/64 CH SICP-400psi FTP-40psi Rec.1.125 bbl. Flowing well on 48/64 CH SICP-320psi swab IFL-7000' made 1 run rec. 3.375bbl. SICP-320psi swab IFL-7000' made 2 runs Rec. 4.5 bbl FL-8590. Flowing well on 24/64CH SICP-220 psi FTP-80psi rec 0-bbl leave well flowing on 24/64 CH to tank . Chloride=36000 Flow Back Report (see well file) CC: \$715,714

**RIH W/CIBP**

3/2/99 SICP-1400# SITP-1160#blow well dwn tbg made 1 run 6.75bbbls wtr, IFL @ 3500' well flowing

SICP	FTP	CHOKE	Bbl wtr	Swab runs
1300#	500#	48/64"	6.75	1
680#	200#	48/64"	13.5	0
560#	100#	24/64"	2.25	0
620#	30#	24/64"	0	0

1 run, IFL 4600', 5.6 bbbls wtr, 28.1 bbbls wtr TTL. Blow dwn csg, RIH w 2/38"tbg w/EOT @ 8856', LD 18 jts 2 3/8 tbg, POOH w 2 3/8"tbg, SN& NC, SWI. SDFN

**RU Halliburton & spot acid perf f/8187-7831**

3/3/99 SICP-750psi. RU cutters & RIH w/CIBP & set @ 8300'. RIH w/ bailer dump & put sx cmt on plug. File hole w/160bbl 3%KCL & test plug 1500psi. (OK) RIH w/4" select fire gun 4SPF 90\* phasing perf @ 8187', 7957' & 7831'. Press 0psi FL surface POOH & RD cutters RIH w/NC & SN 2 3/8 tbg EOT @ 8194'. SDFN

CC \$723,952

**RU & swab after breakdown perf 7831-8187**

3/4/99 SICP-180psi SITP 50psi blow well dwn. RU Halliburton SPOT 9 bbl 15% HCL acid w/add across interval 7831-8187' RD Halliburton POOH w 2 3/8 tbg land tbg @ 7736' Blast jt @ surface ND BOPS & NU WH RU Halliburton breakdown perf f/7831-8137'.. Broke 3370psi @ 2.6 bpm. Inj rate 4300psi @ 4.3 bpm. Pump 40 bbl 3% KCL ISIP-2700psi 4 perf open, 5 min 2495psi, 10 min 2460psi, 15 min 2400psi RD Halliburton. Flow well back after breakdown on 18/64 CH SICP-2400psi. FTP-2400psi. Rec-20bbl SICP-100psi FTP- 20psi. RU & swab IFL-surface made 13 runs rec-152 bbl. SIFD SICP-120psi FTP 0psi sand line stranded cut off 2300' line rehead.

CC \$733,225

**RU Halliburton & Frac M MV perf**

3/5/99 SICP 680psi SITP 550psi blow well dwn RU swab IFL 4600' made 4 runs rec 27 bbl. Flow well on 18/64 CH SICP-480psi FTP 100psi dry gas. RU & swab IFL 6300' made 1 run rec 3 bbl.. Flow well on 18/64 CH SICP 240psi FTP 100psi dry gas. RU & swab IFL 7500' made 1 run rec. 1 bbl. Flow well on 18/64 CH SICP 140psi FTP 40 psi dry gas. RU & swab IFL-scattered f/ SN rec 1/4 bbl. Flow well on 18/64 CH SICP 110 psi FTP 40psi dry gas. RU & swab no fluid in hole. Total bbl=31.25 SWIFN & WO frac

CC\$735,338

3/6/99 **Flow well after frac f/ perf (7831-8187)**

RU Halliburton f/ frac. Held safety meeting press test lines 5800 psi. SICP-445psi SITP-459 psi. Frac stage #2 perf f/7831-8187'. Roll hole w/177 bbl pump 148 bbl pad shut dn ISIP-2845 psi 12 hole open. Pump 232380# 20/40 SD 2-6 PPA stages 25# gel 23% PAD flush w/140 bbl. ISIP-3452 psi 5 min 3363 psi 10 min 3325 psi 15 min 3275 psi 30 min 3209 psi FTP-3050 psi. Total load 1942 bbl MP-4860 psi MR-31 bpm AP-4700 psi AR-30 B bpm. TR Pad w/9 MCI antimony. 2-4 PPA w/38 MCI scandium. 5-6 PPA w/ 53 MCI irdium. RD Halliburton. Flow well after frac on 18/64 CH. Flowing well after frac on 18/64 CH SICP-2600 psi FTP-2350 psi rec-135 bbl. Flowing well after on 18/64 CH SICP-1500 psi FTP-1300 psi Rec-292.5 bbbls Total bbl=427.5 CC: \$ 808,415 Flow back report(see well file)

- Flow test well after frac perf f/7831-8187**  
 3/7/99 Flowing well after frac on 18/64 CH SICP-on suck FTP-50 psi. Flowing well on 18/64 CH FTP-460 psi SICP-0 psi Rec-135 bbl. Flowing well on 32/64 CH FTP-550 psi SICP-0 psi Rec-100 bbl. Flowing well on 32/64 CH FTP-420 psi SICP-70 psi Rec-67.5 bbl. Flowing well on 32/64 CH FTP-380 psi SICP-180 psi. Rec-45 bbl. Total 338 bbl.SRDFD until monday. CC: \$811,395
- 03/09/99 Flowing well after frac. SICP=760#, FTP=300#. 18/64 CH. Light mist, Est 500,00 Cub Ft gas. SICP=780#, FTP=300#, 18/64 CH, light mist, rec 11.5 bbl wtr. SICP=780#, FTP=300# 18/64 CH, light mist, Rec 1.1 bbl wtr Rec 12.6 bbl wtr, 1.8 BPH. Blow well dn, NDWH, NUBOP, RIH w 16 jts 2 3/8" tbg out of derrick, EOT @ 8225', No fill. POOH & lay dn 18 jts of 2 3/8" tbg. SWI, SDFD CC: \$813,270
- 03/10/99 SICP=1050#, Blow DN 30 min. MIRU Cutters WLS RIH w/ 5 1/2" x 17# WLS RBP set plug @ 7760'. Dump bale 1 sk sand on top of plug, est sand top @ 7750'. Perf upper Mesa Verda f/7647'-7072', 3 SPF, 120 Deg Phas 6 zones, 18 holes
- | Zone  | Holes | FL@  | Beg psi | End psi |
|-------|-------|------|---------|---------|
| 7647' | 3     | Surf | 0#      | 0#      |
| 7545' | 3     | Surf | 0#      | 0#      |
| 7365' | 3     | Surf | 0#      | 0#      |
| 7280' | 3     | Surf | 0#      | 0#      |
| 7255' | 3     | Surf | 0#      | 0#      |
| 7072' | 3     | Surf | 0#      | 0#      |
- Totals Holes= 18 FL @ Surf 0#PSI  
 RDMO Cutters WLS, RIH w/CN, 1 jt 2 3/8, +45 SN, 242 jts 2 3/8" tbg EOT @ 7655' RU Halliburton, Pmp 14 bbl 15% HCL, Flush w 27 bbl 3% KCL (balanced acid). POOH & LD 23 jts 2 3/8 tbg, EOT @ 6949'. NDBOP, NUWH. Pmp 24 bbl 3% KCL, Pmp 10 bbl 15% HCL w/36, 1.3 SGBS, flush w/43 bbl 3% KCL. Brk @ 2750#, 2.3 bpm SD wait 15 min. Let balls fall. Est inj RT 5.7 bpm @ 4364# psi.. DIV=fair ISIP=1820# 5 min=1679 10 min=1610# 15 min=1545# load=222. RDMO Halliburton. Flow back well, FTP=1450#, 18/64CH, SICP =1450# Rec 27 Bbl wtr. RU swab equip, IFL @ surf, made 4 runs, rec 70 bbl wtr. FFL @ 2500'. SDFD, leave well open to tank FTP=0#, SICP=80#. CC:\$824,439
- 03/11/99 **RU Halliburton & Frac U MV**  
 Flowing well after breakdown perf f/7072-7647' SICP-650psi FTP-100 psi on 32/64 CH Rec-90 Bbl. Flowing well on 32/64 CH SICP-500psi FTP-160 psi Rec-23 bbl. Flowing well on 24/64 CH SICP-380 psi FTP-80 psi Dry gas. Flowing well on 24/64 CH SICP-400 psi FTP 60 psi dry gas. Flowing well on 24/64 CH SICP-440 psi FTP-60psi dry gas. RU & swab IFL-scatered made 1 run rec-2 bbl. Flowing well on 18/64 CH SICP-340 psi FTP-120 psi dry gas. Flowing well on 18/64 CH SICP-370 psi FTP-50 psi dry gas. SWIFN & WO Frac. CC:\$843,440
- 03/12/99 **Flowing well after frac perf (7072-7647)**  
 MI & RU Halliburton f/frac held safety mtg. Press test lines 6000psi SICP-1800 psi SITP-2100psi. Start frac stage # 3 (7072'-7647') Load hole w/50 bbl KCL & 116 bbl pad inj rate 2150 psi @ 16.3 bpm. Pump 342700# 20/40 SD w/Delta frac w/571 gal SD WEDE 25# gel 23% PAD 2-6 PPA stages. Flush w/ 125 bbl ISIP-2992 psi 5 min-2892 psi 10 min-2840 psi 15 min-2804 psi 30 min-2715 psi. FTP-2724 psi. Total Load=2852 BBL. MP-4210 psi MR 32.2 bpm AP-3700psi AR-31.5 bpm. TR pad w/13 MCI antimony 2-4 FPPA w/60 MCI scandium 5-6 PPA w/73 MCI iridium. RD Halliburton. Flow well after frac on 18/64 CH SICP-2600 psi FTP-2600 psi. Flow well after frac on 18/64 CH SICP-2100 psi FTP-1700 psi. REC-234 bbl. SDFD & leave well flowing. CC:\$949,355  
 Flow back report(see well file)
- 03/13/99 **Flow well after frac perf (7072-7647)**  
 Flow well after frac on 32/64 CH SICP-Vaccum FTP-10 psi Rec 22.5 Bbl.  
 Flow well after frac on 32/64 CH SICP-vaccum FTP-10 psi Rec-36 Bbl.  
 RU & swab IFL-surface made 10 runs rec-135 bbl. FFL-5200'  
 Flow well after frac on 24/64 CH SICP-10 psi FTP-5 psi  
 Flow well after frac on 24.64 CH SICP-25 psi FTP-100 psi Rec 18 Bbl.  
 Flow well after frac on 24/64 CH SICP-80 psi FTP-80 psi Rec. 13.5 Bbl.  
 Total Rec. 225 Bbl. SDFD & leave well flowing. CC\$ 952,110
- 03/14/99 **Flowing well after frac perf f/(7072-7647)**  
 Flow well after frac on 24/64 CH SICP-980 psi FTP-400 psi Rec. -21 Bbl.

Flow well after frac on 24/64 CH SICP-1300 psi FTP-430 psi Rec. 58 Bbl.  
 Flow well after frac on 24/64 CH SICP-1150 psi FTP-500 psi Rec. 67 1/2 Bbl.  
 Total 146.5 BBL. Leave well flowing to tank. CC:\$962,132  
 Flow back report (see well file)

03/15/99 Flow back report (see well file)

03/16/99 7:00AM SICP=690# FTP=360# 24/64 CH  
 8:30AM SICP=690# FTP=360# 24/64 CH Rec. 18 bbl. Wtr.  
 10:30AM SICP=690# FTP=360# 24/64 CH Rec 15.7 bbl. Wtr.  
 12:30 AM SICP=690# FTP=370# 24/64 CH Rec 8.9 bbl. Wtr.  
 2:30 AM SICP=690# FTP=355# 24/64 CH Rec 11.2 bbl. Wtr  
 Total Rec= 53.8 bbl wtr.  
 SDFD, leave well flowing, turnover to flow crew.  
 CC:\$963,207

03/17/99 Flow well after frac on 24/64 CH SICP-660 psi FTP-330 psi rec-2 bbl. Blow well dn pmp 40 bbl dn tbg. NDWH & NU BOPS. RU floor & tbg equip POOH w 2 3/8 tbg. Pmp 40 bbl dn csg. PU Ret tool & RIH w 2 3/8 tbg. Well kicking pump 60 bbl. Dn csg f/RIH w 2 3/8 tbg tag SD @ 7647'. RU & attemp b/circ w/H2O pump 310 bbl no returns. WO foam unit & RU swivel. RU air foam unit & b/circ w/air foam. CO SD f/7647 to 7760' RBP # 1 latch on RBP & equalize press. Release RBP # 1 @ 7760' Pump 10 bbl dn tbg & RD swivel. POOH w/56 jts 2 3/8 tbg & RBP. Kill well w/120 bbl KCL. F/POOH w/tbg & RBP PU NC & SN RIH w 2 3/8 tbg to 1200'. Kill well w/70 bbl KCL dn csg. F/RIH w 2 3/8 tbg to 8187'. RU swivel & B/Circ w/ air foam. CO f/8187 to 8287'. Circ hole. LD tbg & Land @ 7821' CC:\$969,776

03/18/99 PU hanger land w/247 jts 2 3/8 4.7 J-55 tbg w/NC & SN EOT @ 7822 & SN @7782 ND BOPS & NU WH flowline to tank. Flow well on 48/64 CH SICP-550psi FTP-25 psi. RD & MO CWS # 26 PU. Flow well on 48/64 CH SICP-575 psi FTP-130 psi. Flow well on 24/64 CH SICP-750 psi FTP-520 psi Rec. 45 bbl. Flow well on 24/64 CH SICP-950 psi FTP-420 psi Rec. 25 bbl. Total 70 bbl. In 6 hrs. Turn well over flow back crew. Flow back report & schematic (see well file)  
 CC:\$ 998,173

03/19/99 Flow back report(see well file)

03/20/99 Flow back report (see well file)

**NOTE: ANY COSTS AFTER THIS DATE SHOULD BE CHARGED TO  
 AFE# FOR WASATCH RECOMPLETIONS**

3/22/99 FLOWING: 436 MCF, 0 COND, 65 H2O, 385 FTP, 825 SICP, 73 LP, 15/64 CK  
 3/23/99 FLOWING: 384MCF, 0 COND, 63 H2O, 380 FTP, 850 SICP, 73 LP, 15/64 CK  
 3/24/99 FLOWING: 381 MCF, 0 COND, 62 H2O, 340 FTP, 840 SICP, 60 LP, 16/64 CK  
 3/25/99 FLOWING: 370MCF, 0 COND, 68 H2O, 305 FTP, 810 SICP, 70 LP, 16/64 CK

3/26/99 ND WH. NU BOP'S. LD HANGER & 25 JTS 2 3/8" TBG. PU HANGER & LAND W/222 JTS 2 3/8" TBG. EOT - 7,032', SN - 6,999'. ND BOP'S. NU WH. RDMO. SDFD. FLOWING 320 MCF, 16/64 CK. LP - 70, 58 BW IN 23 HRS.

3/27/99 SICP - 800#, FTP - 300#, BLOW WELL DWN. PUMP 10 BBLs 3% KCL DWN TBG. ND WH, NU BOP'S. RU FLOOR & TBG EQUIP. LD HANGER & 25 JTS 2 3/8" TBG. - 789'. PU HANGER & LAND W/222 JTS 2 3/8" 4.7 J-55 TBG. EOT - 7,033' & SN @ 7,000'. RD FLOOR & TBG EQUIP. ND BOP'S, NU WH. PUT WELL TO SALES W/SICP - 150#, FTP - 100# RDMO.

3/29/99 FLOWING: 322 MCF, 2.2 COND, 67 H2O, 295 TP, 700 CP, 70 LP, 17/64 CK  
 3/30/99 FLOWING: 316 MCF, 0 COND, 69 H2O, 295 TP, 700 CP, 70 LP, 17/64 CK  
 3/31/99 FLOWING: 316 MCF, 0 COND, 69 H2O, 295 FTP, 700 CP, 70 LP, 17/64 CK  
 4/1/99 FLOWING: 291MCF, 0 COND, 58 H2O, 218 FTP, 657 SICP, 70 LP, 17/64 CK  
 4/5/99 FLOWING: 262 MCF, 0 COND, 53 H2O, 207 FTP, 632 SICP, 62 LP, 17/64 CK  
 4/6/99 FLOWING: 241MCF, 0 COND, 23 H2O, 180 FTP, 623 SICP, 60 LP, 17/64 CK  
 4/7/99 FLOWING: 241 MCF, 0 COND, 30 H2O, 206 FTP, 640 SICP, 62 LP, 17/64 CK

6/12/99 SICP-360 psi FTP-76 psi. BLOW WELL DOWN. BRING PLUNGER UP. ND WH & NU BOPS. RU FLOOR & TBG. EQUIP. PU & LD HANGER. POOH W/2 3/8 TBG. RU CUTTERS WL PU COMPOSITE BP & RIH SET BP @ 5990'. POOH & RD CUTTERS WL PRESS TEST BP TO 1500 PSI W/139BBL 3% KCL. RIH W 2 3/8 TBG W/NC TO 5963' RU HES & SPOT 500 GAL 15% ACID W/ADD ACROSS F/5966 TO 5453'. RD HES POH W 2 3/8 TBG RU CUTTER WL RIH W/4" CSG GUN 2 SPF 180 DEG PHASING PERF F/5952-5967'. PRESS-0 PSI FL-500'. POOH W/GUN RD CUTTERS. RU HES BREAKDOWN PERF F/5954-5967'. BROKE W/1870 PSI @ 3.4 BPM. PUMP 20 BBL 3% KCL. ISIP-1841 PSI 5 MIN 1441 PSI. AP-1670 PSI AR-4.5 BPM. FG-.75. SWIFN W/1400 PSI 7 UNTIL MONDAY MORNING/FAC. CC: \$10,911

6/15/99 **FLOW WELL AFTER PERF(5540-5967) MI & RU HES F/FAC HELD SAFETY MTG PRESS TEST LINES 5500 PSI SICP-80 PSI. FRAC STAGE # 1 PERF (5952-5967') 30 HOLE DN CSG. PUMP 63300# 20/40 SD. W/25# DELTA FLUID GEL. FLUSH W/249 GAL 28 % HCL & 132 BBL 3% KCL. ISIP-2185 PSI FG-.81 MP-3252 PSI MR -34.5 BPM AP-2685 PSI AR-25.3 BOM TOTAL LOAD 569 BBL. RD HES & RU CUTTER RIH W/5.5 COMPOSITE BP. SET @ 5690' POOH PRESS TEST BP TO 1500 PSI F/5 MIN (ok) RIH W/4" SELECT FIRE GUN 4 SPF PERF @ 5667', 5581, & 5540'. PRESS-0 PSI FL SURFACE. RD CUTTER & RU HES PRESS TEST 5500 PSI FRAC WAS STAGE # 2 PERF (5540-5667') 12 HOLE DN CSG. BROKE 4301 PSI @ 7 BPM. PUMP 166700# 20/40 SD. W/25# DELTA FLUID GEL. FLUSH W/127.7 BBL 3% KCL. ISIP-2377 PSI. FG-.87 MP-4300 PSI MR-31 BPM AP-2795 PSI AR-24.6 BPM TOTAL LOAD 1232 BBL. PSI MR-31 BPM AP-2795 PSI AR-24.6 BPM TOTAL LOAD 1232 BBL. RD HES & RU CUTTER & F/RD HES. ND FRAC VALVE & NU BOPS. RU FLOOR & TBG EQUIP. PU 4 3/4 BIT BS & RIH W 2 3/8 TBG TO 5430'. RU SWIVEL & B/CIRC W/AIR FOAM DRILL BP @ 5433' CIRC HOLE RD SWIVEL & RIH W 2 3/8 TBG. TAG SD @ 5576'. RU SWIVEL & AIR FOAM. CO SD F/ 5576 TO 5690'. DRILL BP @ 5690 & CIRC HOLE. RD SWIVEL & RIH W/2 3/8 TBG TAG SD @ 5965'. RU SWIVEL & AIR FOAM. CO SD F/5965 TO 5990'. CIRC HOLE RD SWIVEL & PUMP 10 BBL DN TBG. POOH W 2 3/8" TBG TO 1500'. PUMP 25 BBL DN TBG F/POOH W 2 3/8 TBG & LD BS & BIT. FLOW WELL AFTER FRAC ON 48/64 CH FCP-320 PSI. SDFD & TURN WELL OVER TO FLOW BACK CREW. CC: \$ 135,301**

FLOW BACK(SEE WELL FILE) FROM 1:00AM TO 6:00AM CSG FROM 100 TO 850 #, 20/64 CH, TRACE TO CLEAN SAND, TOTAL WTR 59 BBLS. TOTAL LOAD TO REC 788 BBL.

6/16/99 FLOW BACK. 10 HRS. FCP - 800 - 750#, REC 82 BBLS. 8.2 BPH. EST - 1,100 MCFD. CC:\$138,096

EVENING FLOW BACK: 14 HRS. REC 146 BBLS. FCP - 850 - 750#. EST MCFD - 1,300.

6/17/99 FCP - 725#. BLOW WELL DWN. KILL WELL W/30 BBLS 3% KCL. RIH W/4 3/4" ROCK BIT, PUMP OFF SUB W/FLOAT & 2 3/8" TBG. TAG SAND @ 5,975'. RU FOAM UNIT. BREAK CIRC. CO TO, & DRILL OUT COMP BP @ 5,990' IN 25 MIN. CIRC CLEAN. RIH & TAG SAND @ 8,249'. BREAK CIRC, CO TO CIBP @ 8,300'. 51' FILL. BLOW CLEAN. POOH W/2 3/8" TBG. LAND W/EOT @ 7,033', & SN @ 6,999'. ND BOP'S, NU WH. DROPPED BALL. TRIED TO PUMP OFF. BUMPER SPRING STILL IN TBG. SWI. SDFN. TC:\$150,758

FLOW BACK REPORT - FLOW 14 HRS. REC 2 BLW. CP - 1,000# TO 950#. TBG - 900# TO 840#. 20/64 CK. EST MCF - 1,000. LLTR: 704 BBLS.

6/18/99 FISHED BALL & BUMPER SPRING. PUMP 5 BBLS 3% KCL. DROPPED BALL AND PRESS UP TBG TO 5,000#. BIT WOULD NOT PUMP OFF. RIH & CHEM CUT TBG @ 7,031'. RIH TO 7,100'. CUT OFF 1' ABOVE PUMP OFF SUB. POOH. RD FLOW BACK WELL. TURN OVER TO FLOW BACK CREW. SDFN. TC:\$157,823

6/19/99 Flowing - 323 TP, 667 CP, 164 LP, 38 CK, 1722 MCF, 65 BW

6/20/99 Flowing - 291 TP, 618 CP, 146 LP, 64 CK, 1537 MCF, 10 Cond., 75 BW

6/21/99 Flowing - 258 TP, 593 CP, 110 LP, 48 CK, 1419 MCF, 65 BW

CIGE 248 Natural Buttes Field Uintah Co., UT WI: AFE:Pending Perf:5,540  
- 6,967'  
PBD: 8,300' CSG: 5.5 X 17# N-80 @ 8,899' 8/8 AFE MS:175  
TC:\$150,758  
FLOWING.

IP DATE FOR WASATCH/MESA VERDE COMMINGLED PRODUCTION: 6/20/99.

FLOWED 1,537 MCF, 10 BC, 75 BW, FTP - 291#, CP - 618#, 64/64 CK. 24 HRS. LP - 146#.  
FLOWED 1,722 MCF, 50 BW, FTP - 323#, CP - 667#, 38/64 CK. 24 HRS. LP - 164#

6/22/99

**FINAL REPORT.**

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

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

JUL 20 1999

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other   
 b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other Wasatch

2. NAME OF OPERATOR  
Coastal Oil & Gas Corporation  
 3. ADDRESS AND TELEPHONE NO.  
P.O. Box 1148, Vernal UT 84078 (435)-781-7023

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
 At surface  
NW/SW  
 At top prod. interval reported below  
2197' FSL & 834' FWL  
 At total depth

14. PERMIT NO. 43-047-33226 DATE ISSUED 11/5/98

5. LEASE DESIGNATION AND SERIAL NO.  
U-02278  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A  
 7. UNIT AGREEMENT NAME  
Natural Buttes Unit'  
 8. FARM OR LEASE NAME, WELL NO.  
CIGE #248-21-10-21  
 9. API WELL NO.  
43-047-33226  
 10. FIELD AND POOL, OR WILDCAT  
Natural Buttes  
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 21, T10S, R21E

12. COUNTY OR PARISH  
Uintah 13. STATE  
Utah

15. DATE SPUDDED 12/27/98 16. DATE T.D. REACHED 2/5/99 17. DATE COMPL. (Ready to prod.) 6/18/99 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5252' Ungraded GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 8900' 21. PLUG, BACK T.D., MD & TVD 8890' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY 24. ROTARY TOOLS 25. CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*  
Wasatch 5540' -5967'

26. TYPE ELECTRIC AND OTHER LOGS RUN  
None 27. WAS WELL CORED

**CASING RECORD (Report all strings set in well)**

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	290'	11"	100 sx P-A gw + ADD	
5 1/2	17#	8899'	7 7/8"	675 sx 6% EX-L2 + ADD Tailed w/ 380 sx + ADD & 980 sx Cmt + ADD	

**LINER RECORD**

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

**TUBING RECORD**

SIZE	DEPTH SET (MD)	PACKER SET (MD)
	2 3/8	7033'

31. PERFORATION RECORD (Interval, size and number)  
5540' -5967'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  
 DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED  
Refer to Chrono's

**33.\* PRODUCTION**

DATE FIRST PRODUCTION 6/20/99 PRODUCTION METHOD Flowing, gas lift, pumping - size and type of pump Flowing - Commingle Wasatch/ Mesaverde WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 6/20/99 HOURS TESTED 24 CHOKE SIZE 64/64 PROD'N. FOR TEST PERIOD 24-HOUR RATE OIL - BBL. 1722 GAS - MCF. 1722 WATER - BBL. 50 GAS - OIL RATIO

FLOW. TUBING PRESS. 323# CASING PRESSURE 667# CALCULATED 24-HOUR RATE OIL - BBL. 1722 GAS - MCF. 1722 WATER - BBL. 50 OIL GRAVITY - API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold & Used for fuel. TEST WITNESSED BY

35. LIST OF ATTACHMENTS  
Chrono's

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.  
 SIGNED Cheryl Cameron TITLE Environmental Analyst DATE July 13, 1999

\*(See Instructions and Spaces for Additional Data on Reverse Side)

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

**CIGE #248**

SEC. 21 T10S, R21E, NWSW  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH

WI: AFE: 18957 (MESA VERDE)  
PENDING (WASATCH)

PERF: 5,540-6,967'

PDTD: 8300'

CSG:5.5 X 17# N-80 @8,899'

Page 1

- 2/17/99 Clean Location backfill part of Pit. Haul gravel, unit & tanks. Build pads, set unit & tanks. Complete installation of new hookup. Tie gas sale line into 4" pipeline.
- RIH w/tbg RU swivel & drill cmt&frac**  
02/21/99 RD & MO CWS # 26 on NBU # 244 & road rig to CIGE # 248. MI & RU CWS # 26 PU ND WH & NU BOPS. PU 4 3/4" mill & Csg scraper. Talley PU & RIH w 2 3/8 tbg. Tag fill @ 8840' POOH w/7 STD 2 3/8 tbg EOT @ 8410'. SWIFN & until Monday AM.
- RU Halliburton & Frac L.MV**  
02/24/99 Open well up RIH w 4" select fire 4 SPF 90\*phasing perf @ 8876', 8804' & 8754'. Press 0-psi FL-surface POOH & RDCutters. PU NC & SN RIH w /2 3/8 tbg PU hanger blast jt & land w/272 jts 2 3/8 4.7 J-55 tbg EOT @ 8622' & SN @ 8590'. ND BOPS & NU WH & flowline to tank. SWIFN & WO frac prep to frac @ 8:00AM Wed. morning.  
CC: \$662,500
- Flow test L.MV Perf/Frac**  
2/25/99 MI & RU Halliburton to frac L. MV press test lines 6000psi held safety mtg. Started frac stage # 1 circ hole w/47 bbl 3% KCL broke w/3380 psi @ 3BPM inj rate 4560 psi @ 16.5BPM ISIP-3272psi 9 hole open. Pump 83000 #20/40 SD w/29% PAD 2-6 PPA stages. Flush w/156.2bbl ISIP-3740 psi 5 min 3560psi 10 min 3474psi 15 min 3388psi 30 min 3285 psi FTP-3147psi. Total load 904bbl MP-5080psi MR-30.1BPM AP-4890psi AR-30BPM TR PAD w/MCI antimony 2-4PPA w/16MCI scandium 4-6 PPA w/16 MCI iridium RD Halliburton. Open well w/3050psi on 18/68 CH after frac L MV perf 8754'-8876'. Flow Testing perf (8754-8876) L MV after frac SICP-2650 psi FTP-2450psi on 18/64 CH rec-90bbl Flow testing perf (8754-8876) L MV after frac SICP-2550psi FTP-2150psi on 18/64 CH Rec-99bbl TB=189BBL. Flow testing perf (8754-8876 L MV after frac SICP-2200psi FTP-1850psi on 18/64 SH Rec-67.5 TB=256.5BBL. Flow testing perf (8754-8876 L MV after frac SICP-1500 psi FTP-1500psi on 18/64 CH Rec-103.5 TB=360 BBL. Flow testing perf(8754-8876) L MV after frac SICP-960psi FTP-900psi pm 18/64 CH rec-90 BBL TB=450BBL.  
CC: \$706,464
- Flow test L MV Perf f/8754-8876**  
2/26/99 Flow testing L MV perff/8754-8876 after frac  
SICP-820 psi FTP-100 psi 18/64 CH 0 BBL TB=879  
SICP-920 psi FTP-80 psi 18/64 CH 4.5 BBL TB=88.3  
SICP-1000 psi FTP-50 psi 24/64 CH 4.5 BBL TB=887.6  
SICP-1100 psi FTP-40 psi 24/64 CH 2 BBL TB=889.6  
SICP-1160 psi FTP-50 psi 32/64 CH 4.5 BBL TB=894.11160  
SICP-1200 psi FTP-50psi 32/64 CH 2 BBL TB=896.1  
SICP-1200 psi FTP-80psi 32/64 CH 4.5 BBL TB=900.6  
SICP-1200 psi FTP-80psi 48/64 CH 9 BBL TB=909.6  
SICP-950 psi FTP-200 psi 48/64 CH 22.5 BBL TB=932.1  
SICP-700 psi FTP-150 psi 24/64 CH 2 BBL TB=934.1  
Chloride 25,300
- Flow testing L MV perf f/8754-8876**  
2/27/99 RU & Swab IFL-2300' made 3 runs rec-9bbls well started flowing. Rec-15.75 bbl flow well on 2 24/64 CH SICP-1300psi FTP-1000psi. Flowing well on 14/64 CH SICP-860psi FTP-550 psi Rec-6.75bbl. Flowing well on 24/64 CH SICP-680psi FTP-170psi Rec. 2.25 bbl. Flowing well on 24/64 CH SICP-580psi FTP-20psi RU & Swab IFL-3800' made 1 run-9bbl well started flowing. Flowing well on 48/64 CH SICP-40psi FTP-170psi Rec-2.25 bbl. RU & swab IFL-3700' made 1 run Rec-2.4 bbl well started flowing. SICP-650psi FTP-20psi

swab IFL-2300 made 1 run rec 2.4 bbl. SICP-600psi FTP-180psi on 24/64 CH rec 0 bbl, Total bbl=51.8 leave well flowing to tank on 24/64CH. Chloride 30500

**Flow test L MV perf f/8754-8876 after frac**

2/28/99 SICP-1200psi FTP-50psi RU swab IFL-4100' made 2 runs Rec-9bbl well started flowing. Flowing well on 24/64 CH SICP-650psi FTP-120psi Rec-7bbl. Flowing well on 48/64 CH SICP-480psi FTP-80psi Rec. 4.25 bbl. Flowing well on 48/64 CH SICP-450 psi FTP-50psi Rec. 1.25 bbl. Flowing well on 48/64 CH SICP-500psi FTP-40psi RU & swab IF:-5300' Made 1 run rec 5.6bbl well flowing. Flowing well on 48/64 CH SICP-400psi FTP-40psi Rec.1.125 bbl. Flowing well on 48/64 CH SICP-320psi swab IFL-7000' made 1 run rec. 3.375bbl. SICP-320psi swab IFL-7000' made 2 runs Rec. 4.5 bbl FL-8590. Flowing well on 24/64CH SICP-220 psi FTP-80psi rec 0-bbl leave well flowing on 24/64 CH to tank . Chloride=36000 Flow Back Report (see well file) CC: \$715,714

**RIH W/CIBP**

3/2/99 SICP-1400# SITP-1160#blow well dwn tbg made 1 run 6.75bbbls wtr, IFL @ 3500' well flowing

SICP	FTP	CHOKES	Bbl wtr	Swab runs
1300#	500#	48/64"	6.75	1
680#	200#	48/64"	13.5	0
560#	100#	24/64"	2.25	0
620#	30#	24/64"	0	0

1 run, IFL 4600', 5.6 bbbls wtr, 28.1 bbbls wtr TTL. Blow dwn csg, RIH w 2/38"tbg w/EOT @ 8856', LD 18 jts 2 3/8 tbg, POOH w 2 3/8"tbg, SN& NC, SWI. SDFN

**RU Halliburton & spot acid perf f/8187-7831**

3/3/99 SICP-750psi. RU cutters & RIH w/CIBP & set @ 8300'. RIH w/ bailer dump & put sx cmt on plug. File hole w/160bbl 3%KCL & test plug 1500psi. (OK) RIH w/4" select fire gun 4SPF 90\* phasing perf @ 8187', 7957' & 7831'. Press 0psi FL surface POOH & RD cutters RIH w/NC & SN 2 3/8 tbg EOT @ 8194'. SDFN

CC \$723,952

**RU & swab after breakdown perf 7831-8187**

3/4/99 SICP-180psi SITP 50psi blow well dwn. RU Halliburton SPOT 9 bbl 15% HCL acid w/add across interval 7831-8187' RD Halliburton POOH w 2 3/8 tbg land tbg @ 7736' Blast jt @ surface ND BOPS & NU WH RU Halliburton breakdown perf f/7831-8137'.. Broke 3370psi @ 2.6 bpm. Inj rate 4300psi @ 4.3 bpm. Pump 40 bbl 3% KCL ISIP-2700psi 4 perf open, 5 min 2495psi, 10 min 2460psi, 15 min 2400psi RD Halliburton. Flow well back after breakdown on 18/64 CH SICP-2400psi. FTP-2400psi. Rec-20bbl SICP-100psi FTP-20psi. RU & swab IFL-surface made 13 runs rec-152 bbl. SIFD SICP-120psi FTP 0psi sand line stranded cut off 2300' line rehead.

CC \$733,225

**RU Halliburton & Frac M MV perf**

3/5/99 SICP 680psi SITP 550psi blow well dwn RU swab IFL 4600' made 4 runs rec 27 bbl. Flow well on 18/64 CH SICP-480psi FTP 100psi dry gas. RU & swab IFL 6300' made 1 run rec 3 bbl.. Flow well on 18/64 CH SICP 240psi FTP 100psi dry gas. RU & swab IFL 7500' made 1 run rec. 1 bbl. Flow well on 18/64 CH SICP 140psi FTP 40 psi dry gas. RU & swab IFL-scattered f/ SN rec 1/4 bbl. Flow well on 18/64 CH SICP 110 psi FTP 40psi dry gas. RU & swab no fluid in hole. Total bbl=31.25 SWIFN & WO frac

CC\$735,338

**Flow well after frac f/ perf (7831-8187)**

3/6/99 RU Halliburton f/ frac. Held safety meeting press test lines 5800 psi. SICP-445psi SITP-459 psi. Frac stage #2 perf f/7831-8187'. Roll hole w/177 bbl pump 148 bbl pad shut dn ISIP-2845 psi 12 hole open. Pump 232380# 20/40 SD 2-6 PPA stages 25# gel 23% PAD flush w/140 bbl. ISIP-3452 psi 5 min 3363 psi 10 min 3325 psi 15 min 3275 psi 30 min 3209 psi FTP-3050 psi. Total load 1942 bbl MP-4860 psi MR-31 bpm AP-4700 psi AR-30 B bpm. TR Pad w/9 MCI antimony. 2-4 PPA w/38 MCI scandium. 5-6 PPA w/ 53 MCI iridium. RD Halliburton. Flow well after frac on 18/64 CH. Flowing well after frac on 18/64 CH SICP-2600 psi FTP-2350 psi rec-135 bbl. Flowing well after on 18/64 CH SICP-1500 psi FTP-1300 psi Rec-292.5 bbbls Total bbl=427.5 CC: \$ 808,415

Flow back report(see well file)

**Flow test well after frac perf f/7831-8187**

3/7/99 Flowing well after frac on 18/64 CH SICP-on suck FTP-50 psi. Flowing well on 18/64 CH

FTP-460 psi SICP-0 psi Rec-135 bbl. Flowing well on 32/64 CH FTP-550 psi SICP-0 psi Rec-100 bbl. Flowing well on 32/64 CH FTP-420 psi SICP-70 psi Rec-67.5 bbl. Flowing well on 32/64 CH FTP-380 psi SICP-180 psi. Rec-45 bbl. Total 338 bbl.SRDFD until monday. CC: \$811,395

03/09/99 Flowing well after frac. SICP=760#, FTP=300#. 18/64 CH. Light mist, Est 500,00 Cub Ft gas. SICP=780#, FTP=300#, 18/64 CH, light mist, rec 11.5 bbl wtr. SICP=780#, FTP=300# 18/64 CH, light mist, Rec 1.1 bbl wtr Rec 12.6 bbl wtr, 1.8 BPH. Blow well dn, NDWH, NUBOP, RIH w 16 jts 2 3/8" tbg out of derrick, EOT @ 8225', No fill. POOH & lay dn 18 jts of 2 3/8" tbg. SWI, SDFD CC: \$813,270

03/10/99 SICP=1050#, Blow DN 30 min. MIRU Cutters WLS RIH w/ 5 1/2" x 17# WLS RBP set plug @ 7760'. Dump bale 1 sk sand on top of plug, est sand top @ 7750'. Perf upper Mesa Verda f/7647'-7072', 3 SPF, 120 Deg Phas 6 zones, 18 holes

Zone	Holes	FL@	Beg psi	End psi
7647'	3	Surf	0#	0#
7545'	3	Surf	0#	0#
7365'	3	Surf	0#	0#
7280'	3	Surf	0#	0#
7255'	3	Surf	0#	0#
7072'	3	Surf	0#	0#

Totals Holes= 18 FL @ Surf 0#PSI

RDMO Cutters WLS, RIH w/CN, 1 jt 2 3/8, +45 SN, 242 jts 2 3/8" tbg EOT @ 7655' RU Halliburton, Pmp 14 bbl 15% HCL, Flush w 27 bbl 3% KCL (balanced acid). POOH & LD 23 jts 2 3/8 tbg, EOT @ 6949'. NDBOP, NUWH. Pmp 24 bbl 3% KCL, Pmp 10 bbl 15% HCL w/36, 1.3 SGBS, flush w/43 bbl 3% KCL. Brk @ 2750#, 2.3 bpm SD wait 15 min. Let balls fall. Est inj RT 5.7 bpm @ 4364# psi.. DIV=fair ISIP=1820# 5 min=1679 10 min=1610# 15 min=1545# load=222. RDMO Halliburton. Flow back well, FTP=1450#, 18/64CH, SICP =1450# Rec 27 Bbl wtr. RU swab equip, IFL @ surf, made 4 runs, rec 70 bbl wtr. FFL @ 2500'. SDFD, leave well open to tank FTP=0#, SICP=80#. CC:\$824,439

03/11/99 **RU Halliburton & Frac U MV**  
Flowing well after breakdown perf f/7072-7647' SICP-650psi FTP-100 psi on 32/64 CH Rec-90 Bbl. Flowing well on 32/64 CH SICP-500psi FTP-160 psi Rec-23 bbl. Flowing well on 24/64 CH SICP-380 psi FTP-80 psi Dry gas. Flowing well on 24/64 CH SICP-400 psi FTP 60 psi dry gas. Flowing well on 24/64 CH SICP-440 psi FTP-60psi dry gas. RU & swab IFL-scatered made 1 run rec-2 bbl. Flowing well on 18/64 CH SICP-340 psi FTP-120 psi dry gas. Flowing well on 18/64 CH SICP-370 psi FTP-50 psi dry gas. SWIFN & WO Frac. CC:\$843,440

03/12/99 **Flowing well after frac perf (7072-7647)**  
MI & RU Halliburton f/frac held safety mtg. Press test lines 6000psi SICP-1800 psi SITP-2100psi. Start frac stage # 3 (7072'-7647') Load hole w/50 bbl KCL & 116 bbl pad inj rate 2150 psi @ 16.3 bpm. Pump 342700# 20/40 SD w/Delta frac w/571 gal SD WEDE 25# gel 23% PAD 2-6 PPA stages. Flush w/ 125 bbl ISIP-2992 psi 5 min-2892 psi 10 min-2840 psi 15 min-2804 psi 30 min-2715 psi. FTP-2724 psi. Total Load=2852 BBL. MP-4210 psi MR 32.2 bpm AP-3700psi AR-31.5 bpm. TR pad w/13 MCI antimony 2-4 FPPA w/60 MCI scandium 5-6 PPA w/73 MCI iridium. RD Halliburton . Flow well after frac on 18/64 CH SICP-2600 psi FTP-2600 psi. Flow well after frac on 18/64 CH SICP-2100 psi FTP-1700 psi. REC-234 bbl. SDFD & leave well flowing. CC:\$949,355  
Flow back report(see well file)

03/13/99 **Flow well after frac perf (7072-7647)**  
Flow well after frac on 32/64 CH SICP-Vaccum FTP-10 psi Rec 22.5 Bbl.  
Flow well after frac on 32/64 CH SICP-vaccum FTP-10 psi Rec-36 Bbl.  
RU & swab IFL-surface made 10 runs rec-135 bbl. FFL-5200'  
Flow well after frac on 24/64 CH SICP-10 psi FTP-5 psi  
Flow well after frac on 24.64 CH SICP-25 psi FTP-100 psi Rec 18 Bbl.  
Flow well after frac on 24/64 CH SICP-80 psi FTP-80 psi Rec. 13.5 Bbl.  
Total Rec. 225 Bbl. SDFD & leave well flowing. CC\$ 952,110

03/14/99 **Flowing well after frac perf f/(7072-7647)**  
Flow well after frac on 24/64 CH SICP-980 psi FTP-400 psi Rec. -21 Bbl.  
Flow well after frac on 24/64 CH SICP-1300 psi FTP-430 psi Rec. 58 Bbl.  
Flow well after frac on 24/64 CH SICP-1150 psi FTP-500 psi Rec. 67 1/2 Bbl.

Total 146.5 BBL. Leave well flowing to tank. CC:\$962,132  
 Flow back report (see well file)

03/15/99 Flow back report (see well file)

03/16/99 7:00AM SICP=690# FTP=360# 24/64 CH  
 8:30AM SICP=690# FTP=360# 24/64 CH Rec. 18 bbl. Wtr.  
 10:30AM SICP=690# FTP=360# 24/64 CH Rec 15.7 bbl. Wtr.  
 12:30 AM SICP=690# FTP=370# 24/64 CH Rec 8.9 bbl. Wtr.  
 2:30 AM SICP=690# FTP=355# 24/64 CH Rec 11.2 bbl. Wtr  
 Total Rec= 53.8 bbl wtr.  
 SDFD, leave well flowing, turnover to flow crew.  
 CC:\$963,207

03/17/99 Flow well after frac on 24/64 CH SICP-660 psi FTP-330 psi rec-2 bbl. Blow well dn pmp 40 bbl dn tbg. NDWH & NU BOPS. RU floor & tbg equip POOH w 2 3/8 tbg. Pmp 40 bbl dn csg. PU Ret tool & RIH w 2 3/8 tbg. Well kicking pump 60 bbl. Dn csg f/RIH w 2 3/8 tbg tag SD @ 7647'. RU & attemp b/circ w/H2O pump 310 bbl no returns. WO foam unit & RU swivel. RU air foam unit & b/circ w/air foam. CO SD f/7647 to 7760' RBP # 1 latch on RBP & equalize press. Release RBP # 1 @ 7760'/ Pump 10 bbl dn tbg & RD swivel. POOH w/56 jts 2 3/8 tbg & RBP. Kill well w/120 bbl KCL. F/POOH w/tbg & RBP PU NC & SN RIH w 2 3/8 tbg to 1200'. Kill well w/70 bbl KCL dn csg. F/RIH w 2 3/8 tbg to 8187'. RU swivel & B/Circ w/ air foam. CO f/8187 to 8287'. Circ hole. LD tbg & Land @ 7821'  
 CC:\$969,776

03/18/99 PU hanger land w/247 jts 2 3/8 4.7 J-55 tbg w/NC & SN EOT @ 7822 & SN @7782 ND BOPS & NU WH flowline to tank. Flow well on 48/64 CH SICP-550psi FTP-25 psi. RD & MO CWS # 26 PU. Flow well on 48/64 CH SICP-575 psi FTP-130 psi. Flow well on 24/64 CH SICP-750 psi FTP-520 psi Rec. 45 bbl. Flow well on 24/64 CH SICP-950 psi FTP-420 psi Rec. 25 bbl. Total 70 bbl. In 6 hrs. Turn well over flow back crew. Flow back report & schematic (see well file)  
 CC:\$ 998,173

03/19/99 Flow back report(see well file)

03/20/99 Flow back report (see well file)

**NOTE: ANY COSTS AFTER THIS DATE SHOULD BE CHARGED TO AFE# FOR WASATCH RECOMPLETIONS**

3/22/99 FLOWING: 436 MCF, 0 COND, 65 H2O, 385 FTP, 825 SICP, 73 LP, 15/64 CK  
 3/23/99 FLOWING: 384MCF, 0 COND, 63 H2O, 380 FTP, 850 SICP, 73 LP, 15/64 CK  
 3/24/99 FLOWING: 381 MCF, 0 COND, 62 H2O, 340 FTP, 840 SICP, 60 LP, 16/64 CK  
 3/25/99 FLOWING: 370MCF, 0 COND, 68 H2O, 305 FTP, 810 SICP, 70 LP, 16/64 CK

3/26/99 ND WH. NU BOP'S. LD HANGER & 25 JTS 2 3/8" TBG. PU HANGER & LAND W/222 JTS 2 3/8" TBG. EOT - 7,032', SN - 6,999'. ND BOP'S. NU WH. RDMO. SDFD. FLOWING 320 MCF, 16/64 CK. LP - 70, 58 BW IN 23 HRS.

3/27/99 SICP - 800#, FTP - 300#, BLOW WELL DWN. PUMP 10 BBLS 3% KCL DWN TBG. ND WH, NU BOP'S. RU FLOOR & TBG EQUIP. LD HANGER & 25 JTS 2 3/8" TBG. - 789'. PU HANGER & LAND W/222 JTS 2 3/8" 4.7 J-55 TBG. EOT - 7,033' & SN @ 7,000'. RD FLOOR & TBG EQUIP. ND BOP'S, NU WH. PUT WELL TO SALES W/SICP - 150#, FTP - 100# RDMO.

3/29/99 FLOWING: 322 MCF, 2.2 COND, 67 H2O, 295 TP, 700 CP, 70 LP, 17/64 CK  
 3/30/99 FLOWING: 316 MCF, 0 COND, 69 H2O, 295 TP, 700 CP, 70 LP, 17/64 CK  
 3/31/99 FLOWING: 316 MCF, 0 COND, 69 H2O, 295 FTP, 700 CP, 70 LP, 17/64 CK  
 4/1//99 FLOWING: 291MCF, 0 COND, 58 H2O, 218 FTP, 657 SICP, 70 LP, 17/64 CK  
 4/5/99 FLOWING: 262 MCF, 0 COND, 53 H2O, 207 FTP, 632 SICP, 62 LP, 17/64 CK  
 4/6/99 FLOWING: 241MCF, 0 COND, 23 H2O, 180 FTP, 623 SICP, 60 LP, 17/64 CK  
 4/7/99 FLOWING: 241 MCF, 0 COND, 30 H2O, 206 FTP, 640 SICP, 62 LP, 17/64 CK

6/12/99 SICP-360 psi FTP-76 psi. BLOW WELL DOWN. BRING PLUNGER UP. ND WH & NU BOPS. RU FLOOR & TBG. EQUIP. PU & LD HANGER. POOH W/2 3/8 TBG. RU CUTTERS WL PU COMPOSITE BP & RIH SET BP @ 5990'. POOH & RD CUTTERS WL PRESS TEST BP TO 1500

PSI W/139BBL 3% KCL. RIH W 2 3/8 TBG W/NC TO 5963' RU HES & SPOT 500 GAL 15% ACID W/ADD ACROSS F/5966 TO 5453'. RD HES POH W 2 3/8 TBG RU CUTTER WL RIH W/4" CSG GUN 2 SPF 180 DEG PHASING PERF F/5952-5967'. PRESS-0 PSI FL-500'. POOH W/GUN RD CUTTERS. RU HES BREAKDOWN PERF F/5954-5967'. BROKE W/1870 PSI @ 3.4 BPM. PUMP 20 BBL 3% KCL. ISIP-1841 PSI 5 MIN 1441 PSI. AP-1670 PSI AR-4.5 BPM. FG-.75. SWIFN W/1400 PSI 7 UNTIL MONDAY MORNING/FAC. CC: \$10,911

6/15/99

**FLOW WELL AFTER PERF(5540-5967) MI & RU HES F/FAC HELD SAFETY MTG PRESS TEST LINES 5500 PSI SICP-80 PSI. FRAC STAGE # 1 PERF (5952-5967') 30 HOLE DN CSG. PUMP 63300# 20/40 SD. W/25# DELTA FLUID GEL. FLUSH W/249 GAL 28 % HCL & 132 BBL 3% KCL. ISIP-2185 PSI FG-.81 MP-3252 PSI MR -34.5 BPM AP-2685 PSI AR-25.3 BOM TOTAL LOAD 569 BBL. RD HES & RU CUTTER RIH W/5.5 COMPOSITE BP. SET @ 5690' POOH PRESS TEST BP TO 1500 PSI F/5 MIN (ok) RIH W/4" SELECT FIRE GUN 4 SPF PERF @ 5667', 5581, & 5540'. PRESS-0PSI FL SURFACE. RD CUTTER & RU HES PRESS TEST 5500 PSI FRAC WAS STAGE # 2 PERF (5540-5667') 12 HOLE DN CSG. BROKE 4301 PSI @ 7 BPM. PUMP 166700# 20/40 SD. W/25# DELTA FLUID GEL. FLUSH W/127.7 BBL 3% KCL. ISIP-2377 PSI. FG-.87 MP-4300 PSI MR-31 BPM AP-2795 PSI AR-24.6 BPM TOTAL LOAD 1232 BBL. PSI MR-31 BPM AP-2795 PSI AR-24.6 BPM TOTAL LOAD 1232 BBL. RD HES & RU CUTTER & F/RD HES. ND FRAC VALVE & NU BOPS. RU FLOOR & TBG EQUIP. PU 4 3/4 BIT BS & RIH W 2 3/8 TBG TO 5430'. RU SWIVEL & B/CIRC W/AIR FOAM DRILL BP @ 5433' CIRC HOLE RD SWIVEL & RIH W 2 3/8 TBG. TAG SD @ 5576'. RU SWIVEL & AIR FOAM. CO SD F/ 5576 TO 5690'. DRILL BP @ 5690 & CIRC HOLE. RD SWIVEL & RIH W/2 3/8 TBG TAG SD @ 5965'. RU SWIVEL & AIR FOAM. CO SD F/5965 TO 5990'. CIRC HOLE RD SWIVEL & PUMP 10 BBL DN TBG. POOH W 2 3/8" TBG TO 1500'. PUMP 25 BBL DN TBG F/POOH W 2 3/8 TBG & LD BS & BIT. FLOW WELL AFTER FRAC ON 48/64 CH FCP-320 PSI. SDFD & TURN WELL OVER TO FLOW BACK CREW. CC: \$ 135,301**

FLOW BACK(SEE WELL FILE) FROM 1:00AM TO 6:00AM CSG FROM 100 TO 850 #, 20/64 CH, TRACE TO CLEAN SAND, TOTAL WTR 59 BBLs. TOTAL LOAD TO REC 788 BBL.

6/16/99

FLOW BACK. 10 HRS. FCP - 800 - 750#, REC 82 BBLs. 8.2 BPH. EST - 1,100 MCFD. CC:\$138,096

EVENING FLOW BACK: 14 HRS. REC 146 BBLs. FCP - 850 - 750#. EST MCFD - 1,300.

6/17/99

FCP - 725#. BLOW WELL DWN. KILL WELL W/30 BBLs 3% KCL. RIH W/4 3/4" ROCK BIT, PUMP OFF SUB W/FLOAT & 2 3/8" TBG. TAG SAND @ 5,975'. RU FOAM UNIT. BREAK CIRC. CO TO, & DRILL OUT COMP BP @ 5,990' IN 25 MIN. CIRC CLEAN. RIH & TAG SAND @ 8,249'. BREAK CIRC, CO TO CIBP @ 8,300'. 51' FILL. BLOW CLEAN. POOH W/2 3/8" TBG. LAND W/EOT @ 7,033', & SN @ 6,999'. ND BOP'S, NU WH. DROPPED BALL. TRIED TO PUMP OFF. BUMPER SPRING STILL IN TBG. SWI. SDFN. TC:\$150,758

FLOW BACK REPORT - FLOW 14 HRS. REC 2 BLW. CP - 1,000# TO 950#. TBG - 900# TO 840#. 20/64 CK. EST MCF - 1,000. LLTR: 704 BBLs.

6/18/99

FISHED BALL & BUMPER SPRING. PUMP 5 BBLs 3% KCL. DROPPED BALL AND PRESS UP TBG TO 5,000#. BIT WOULD NOT PUMP OFF. RIH & CHEM CUT TBG @ 7,031'. RIH TO 7,100'. CUT OFF 1' ABOVE PUMP OFF SUB. POOH. RD FLOW BACK WELL. TURN OVER TO FLOW BACK CREW. SDFN. TC:\$157,823

6/19/99

Flowing - 323 TP, 667 CP, 164 LP, 38 CK, 1722 MCF, 65 BW

6/20/99

Flowing - 291 TP, 618 CP, 146 LP, 64 CK, 1537 MCF, 10 Cond., 75 BW

6/21/99

Flowing - 258 TP, 593 CP, 110 LP, 48 CK, 1419 MCF, 65 BW

CIGE 248

Natural Buttes Field Uintah Co., UT WI: AFE:Pending Perfs:5,540  
- 6,967'  
PBDT: 8,300' CSG: 5.5 X 17# N-80 @ 8,899' 8/8 AFE M\$:175  
TC:\$150,758  
**FLOWING.**

IP DATE FOR WASATCH/MESA VERDE COMMINGLED PRODUCTION: 6/20/99.

FLOWED 1,537 MCF, 10 BC, 75 BW, FTP - 291#, CP - 618#, 64/64 CK. 24 HRS. LP - 146#. FLOWED 1,722 MCF, 50 BW, FTP - 323#, CP - 667#, 38/64 CK. 24 HRS. LP - 164#

SUNDRY NOTICES AND REPORTS ON WELLS

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:

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

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

2. NAME OF OPERATOR:  
El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR: 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

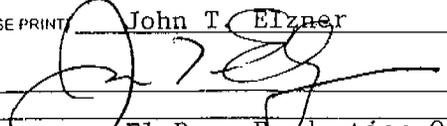
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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"/> DEEPEIN	<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	

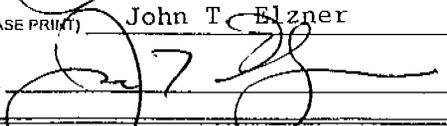
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.  
See Exhibit "A"

Bond # 400JU0708

NAME (PLEASE PRINT) Coastal Oil & Gas Corporation John T. Elzner TITLE Vice President

SIGNATURE  DATE 06-15-01

NAME (PLEASE PRINT) El Paso Production Oil & Gas Company John T. Elzner TITLE Vice President

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

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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 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*  
David L. Siddall  
Vice President

Attest:

*Margaret E. Roark*  
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 269 (CA NW-127)	43-047-33473	2900	12-10S-21E	FEDERAL	GW	P
NBU CIGE 47-14-10-21	43-047-30510	2900	14-10S-21E	FEDERAL	GW	P
NBU CIGE 95D-14-10-21J	43-047-31166	2900	14-10S-21E	FEDERAL	GW	P
NBU 139	43-047-31948	2900	14-10S-21E	FEDERAL	GW	P
NBU 146	43-047-31985	2900	14-10S-21E	FEDERAL	GW	P
NBU 163	43-047-32069	2900	14-10S-21E	FEDERAL	GW	P
CIGE 160-14-10-21	43-047-32124	2900	14-10S-21E	FEDERAL	GW	P
NBU CIGE 48-15-10-21	43-047-30506	2900	15-10S-21E	FEDERAL	GW	P
NBU CIGE 88D-15-10-21P	43-047-30958	2900	15-10S-21E	FEDERAL	GW	P
CIGE 119-15-10-21	43-047-31927	2900	15-10S-21E	FEDERAL	GW	P
CIGE 209-15-10-21	43-047-32943	2900	15-10S-21E	FEDERAL	GW	P
CIGE 228-15-10-21	43-047-32999	2900	15-10S-21E	FEDERAL	GW	P
CIGE 251	43-047-33720	2900	15-10S-21E	FEDERAL	GW	DRL
NBU 357	43-047-33728	2900	15-10S-21E	FEDERAL	GW	P
NBU 218-17	43-047-31310	2900	17-10S-21E	FEDERAL	GW	P
NBU 17-18B	43-047-30317	2900	18-10S-21E	FEDERAL	GW	S
<del>CIGE 248-21-10-21</del>	43-047-33226	2900	21-10S-21E	FEDERAL	GW	P
CIGE 252	43-047-33721	2900	21-10S-21E	FEDERAL	GW	DRL
CIGE 253	43-047-33722	2900	21-10S-21E	FEDERAL	GW	DRL
CIGE 66-23-10-21	43-047-30542	2900	23-10S-21E	FEDERAL	GW	S

**OPERATOR CHANGES DOCUMENTATION**

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

5. If **NO**, the operator was contacted 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: 08/07/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 08/07/2001
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

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

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond No: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: \_\_\_\_\_

---

**FILMING:**

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

---

**FILING:**

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

---

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

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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.

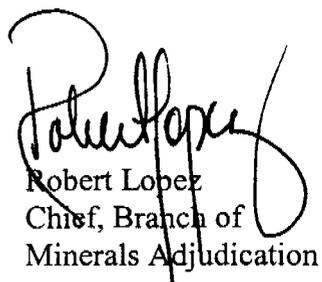
For our purposes, the name change is recognized effective December 31, 2001.

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)



# 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

# 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 you 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



JAN. 17. 2003 3:34PM

WESTPORT

NO. 173 P. 2

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

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

**February 1, 2002**

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

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

**Dear Ms. Maxwell:**

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

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

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

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

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

Debby J. Black  
Engineer Technician

Encl:



# United States Department of the Interior

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

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

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

BOND # \_\_\_\_\_  
State Surety Bond No. RLB0005236  
Fee Bond No. RLB0005238

EL PASO PRODUCTION OIL & GAS COMPANY

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

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

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

(This space for State use only)

Form 3160-5  
(August 1999)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

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

6. If Indian, Allottee or Tribe Name

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

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

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

10. Field and Pool, or Exploratory Area

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

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

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

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

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

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> 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 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 zone. 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. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED

MAR 04 2003

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

Name (Printed/Typed)

**CHERYL CAMERON**

Title

**OPERATIONS**

Signature

Date

**March 4, 2003**

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

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

Office

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

(Instructions on reverse)

DIV. OF OIL, GAS & MINING



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: 03/21/2003

2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 03/21/2003

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

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

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

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

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

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

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

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

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

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

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

The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

**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. Multiple Wells - see attached
2. Name of Operator WESTPORT OIL & GAS COMPANY, L.P.		6. If Indian, Allottee or Tribe Name
3a. Address P.O. BOX 1148 VERNAL, UT 84078	3b. Phone No. (include area code) (435) 781-	7. If Unit or CA/Agreement, Name and/or No. 891008900A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Multiple Wells - see attached		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 III.C.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	Title Operations Manager	Date 9-2-2003	SEP 10 2003
Signature <i>J.T. Conley</i>	Initials JTC	Date 9-2-2003	DIV. OF OIL, GAS & MINING

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title Accepted by the Utah Division of Oil, Gas and Mining	Date 9/16/03	Federal Approval of This Action Is Necessary
-------------	---	-----------------	---

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

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to an officer or agent 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 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
<b>Total \$</b>		<b>\$1,200</b>

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

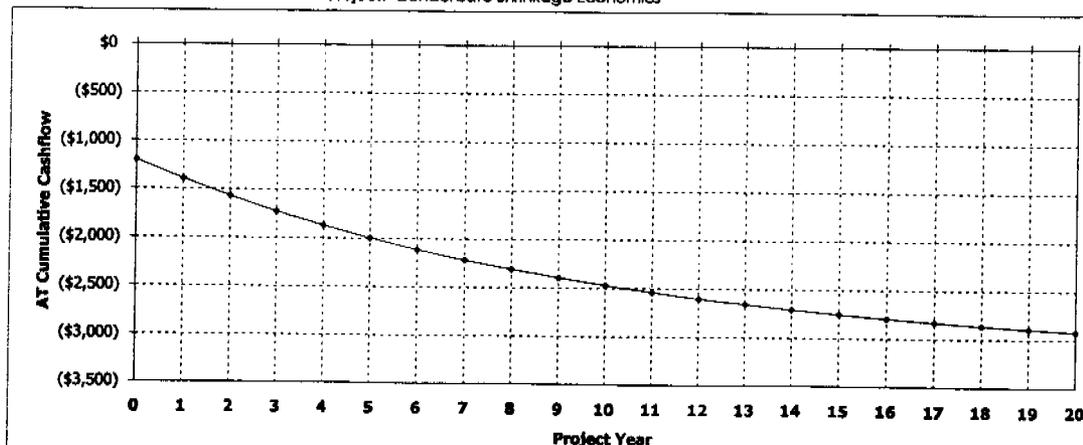
**Gross Reserves:**

Oil Reserves = 6 BO  
Gas Reserves = 0 MCF  
Gas Equiv Reserves = 38 MCFE

**Notes/Assumptions:**

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

Project: Condensate Shrinkage Economics



**Westport Oil and Gas, Inc.**

**NBU/Ouray Field**

RFL 2003-022

**COMPARISON OF FLASH BACK PRESSURES**

Calculated by Characterized Equation-of-State

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

**Calculated at Laboratory Flash Conditions**

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

**Calculated Flash with Backpressure using Tuned EOS**

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

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

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

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

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

CIGE 194	1-10-22 SWNW	U011336	891008900A	430473293200S1
CIGE 195	2-10-22 NWNE	ML22651	891008900A	430473279700S1 ✓
CIGE 196	6-10-22 SESE	UTU01195	891008900A	430473300300S1
CIGE 197	7-9-21 NWNE	UTU0149767	891008900A	430473279800S1
CIGE 198	9-9-21 NESE	UTU01188	891008900A	430473279900S1
CIGE 199	14-9-21 NENW	UTU01193	891008900A	430473280100S1
CIGE 200	16-9-21 SENW	UTU38409	891008900A	430473280200S1
CIGE 201	18-9-21 SENE	UTU0575	891008900A	430473280400S1
CIGE 202	21-9-21 SESE	UTU0576	891008900A	430473280500S1
CIGE 203	34-9-21 NWNE	UTU01194A	891008900A	430473288100S1 ✓
CIGE 204	35-9-21 SWNE	ML22582	891008900A	430473279400S1 ✓
CIGE 205	1-10-21 SWNE	ML23612	891008900A	430473279500S1 ✓
CIGE 206	4-10-21 SESE	U01416	891008900A	430473299600S1
CIGE 207	8-10-21 NENE	UTU01791	891008900A	430473297500S1
CIGE 208	8-10-21 SWNE	UTU01791	891008900A	430473299700S1
CIGE 209	15-10-21 NENW	UTU01791A	891008900A	430473294300S1
CIGE 210	16-10-21 NESE	ML10755	891008900A	430473288800S1
CIGE 212	34-9-22 NENE	UTU0149077	891008900A	430473288800S1
CIGE 213	33-9-22 SENW	UTU01191A	891008900A	430473293300S1
CIGE 214	13-9-21 NESW	U01193	891008900A	430473291800S1
CIGE 215X	15-9-21 NENE	UTU01188	891008900A	430473369000S1
CIGE 216	15-9-21 SWNE	UTU01193	891008900A	430473292000S1
CIGE 217	16-9-21 NWSW	ML3141	891008900A	430473289800S1
CIGE 218	19-9-21 NWNE	U0581	891008900A	430473292100S1
CIGE 219	29-9-22 NESW	U01207	891008900A	430473286400S1 ✓
CIGE 220	31-9-22 SWNE	U10530A	891008900A	430473288400S1 ✓
CIGE 221	36-9-22 SWSW	ML22650	891008900A	430473286800S1 ✓
CIGE 222	36-9-22 NESW	ML22650	891008900A	430473286900S1 ✓
CIGE 223	1-10-22 NWNW	U011336	891008900A	430473298300S1
CIGE 224	2-10-21 SWNE	ML2252	891008900A	430473288300S1 ✓
CIGE 225	3-10-21 SENW	UTU0149078	891008900A	430473489500S1
CIGE 226	3-10-21 SESW	U0149078	891008900A	430473299500S1
CIGE 227	9-10-21 SESE	UTU01791	891008900A	430473299800S1
CIGE 228	15-10-21 SWNE	UTU01416A	891008900A	430473299900S1
CIGE 229	1-10-20 NWSW	UTU02270A	891008900A	430473300600S1
CIGE 230	13-10-20 SENE	UTU02270A	891008900A	430473288500S1
CIGE 231	7-9-21 SENE	UTU0575B	891008900A	430473302100S1
CIGE 232	9-9-21 NENE	UTU01188A	891008900A	430473283600S1
CIGE 233	21-9-21 NWNE	UTU0576	891008900A	430473302200S1
CIGE 234	25-9-21 SWNE	U01189	891008900A	430473287300S1 ✓
CIGE 235	25-9-21 NWSE	U01194	891008900A	430473285800S1 ✓
CIGE 236	34-9-21 SESE	U01194A	891008900A	430473286100S1 ✓
CIGE 237	15-9-21 NWSE	UTU010950A	891008900A	430473387800S1
CIGE 239	35-9-21 SENE	ML22582	891008900A	430473320600S1 ✓
CIGE 240	29-9-22 SENW	ML22935	891008900A	430473320700S1
CIGE 241	32-9-22 NENW	ML22649	891008900A	430473320800S1
CIGE 242	33-9-22 NWNW	UTU01191A	891008900A	430473402200S1
CIGE 244	1-10-21 NENW	ML23612	891008900A	430473320900S1 ✓
CIGE 245	1-10-21 SENE	ML23612	891008900A	430473321000S1 ✓
CIGE 246	2-10-21 NENW	ML-22652	891008900A	430473368700S1
CIGE 247	16-10-21 SWSE	ML10755	891008900A	430473363900S1
CIGE 248	21-10-21 NWSW	U02278	891008900A	430473322600S1
CIGE 249	8-10-22 NWNW	UTU466	891008900A	430473402300S1
CIGE 250	8-10-22 NESE	UTU01196E	891008900A	430473374300S1
CIGE 251	15-10-21 SWNW	UTU01791A	891008900A	430473372000S1
CIGE 252	21-10-21 SENW	UTU02278	891008900A	430473372100S1
CIGE 253	21-10-21 SESW	UTU02278	891008900A	430473372200S1
CIGE 254	9-10-21 NWNE	UTU01416	891008900A	430473372300S1
CIGE 255	7-9-21 SESE	UTU0575B	891008900A	430473397000S1
CIGE 256	9-9-21 SWNE	UTU01188A	891008900A	430473397100S1
CIGE 257	18-9-21 LOT 2	U0581	891008900A	430473466600S1 ✓

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)

NWSW SECTION 21-T10S-R21E 2197'FSL & 834'FWL

5. Lease Serial No.

U-02278

6. If Indian, Allottee or Tribe Name

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

NATURAL BUTTES UNIT

8. Well Name and No.

CIGE 248-21-10-21

9. API Well No.

4304733226

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH, 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>WORKOVER OPERATIONS</b>

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

9/8/04: PROG: 7 AM MOVE TO LOCATION RU RIG. 150# FLWG PRESS. BLOW DN & KILL W/40 BBLS. ND WLHEAD NU BOP. UNLAND TBG. RIH W/2 3/8" TBG. TAG @8270'. (BOTTOM PERF 8187'). CIBP SET @8300'. POOH W/220 JTS 2 3/8" TBG. FOUND WIRELINE TOOLS. LD 29 JTS 2 3/8" TBG. ON BOTTOM OF STRING THAT HAS FILM OF SCALE. BOTTOM JT IS CUT 28.42 LONG. PU NEW F-EDDIE R-NIPPLE RIH W/2 3/8" TBG. SWI.

9/9/04: PROG 7 AM OPEN WL. 350# BLOW DN. PMP 40 BBLS TO KILL WL. RIH W/2 3/8" TBG. BROACHING. 221 JTS LAND TBG W/EOT @7001.22' ND BOP NU WELL HEAD. RU & PMP 330 GAL ACID, FLUSH W/20 BBLS 3% KCL RD RIG.

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

Name (Printed/Typed)

Sheila Upchego

Title

Regulatory Analyst

Signature



Date

October 28, 2004

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

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

Office

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

(Instructions on reverse)

RECEIVED

NOV 02 2004

DIV. OF OIL, GAS & MINING

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

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

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

Operator Name Change/Merger

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

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

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

**DATA ENTRY:**

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

**BOND VERIFICATION:**

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

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

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

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

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

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

6. If Indian, Allottee or Tribe Name

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

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

9. API Well No.

10. Field and Pool, or Exploratory Area

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

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

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

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

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

**RECEIVED**

**MAY 10 2006**

DIV. OF OIL, GAS & MINING

*BLM BOND = C01203  
BIA BOND = RLB0005239*

**APPROVED 5/16/06**

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

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

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

**THIS SPACE FOR FEDERAL OR STATE USE**

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

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

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

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

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

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

6. If Indian, Allottee or Tribe Name

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

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

9. API Well No.

10. Field and Pool, or Exploratory Area

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

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

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Serial No.  
**U-02278**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
**UNIT #891008900A  
NATURAL BUTTES UNIT**

8. Well Name and No.  
**CIGE 248**

9. API Well No.  
**4304733226**

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

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**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)  
**NWSW SEC. 21, T10S, R21E 2197'FSL, 834'FWL**

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

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

07/10/2006: PMP 2 BBLS KCL KILL 2 DRUMS OF ACID & 23 BBLS KCL FLUSH DWN TBG.

**RECEIVED**  
**AUG 31 2006**  
DIV. OF OIL, GAS & MINING

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

Name (Printed/Typed) <b>Sheila Upchego</b>	Title <b>Regulatory Analyst</b>
Signature 	Date <b>August 28, 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.

<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-02278
<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> CIGE 248
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>9. API NUMBER:</b> 43047332260000
<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> 2197 FSL 0834 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 21 Township: 10.0S Range: 21.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 3/5/2010	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input checked="" type="checkbox"/> <b>CHANGE WELL STATUS</b>	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input 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 requests authorization to shut-in the subject well due to operational issues. The subject well location last produced on 2/13/2010. The operator is currently working on getting the subject well location back on sales. We will shut-in the subject well on 3/5/2010.

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

**Date:** March 08, 2010

**By:** *Derek Quist*

<b>NAME (PLEASE PRINT)</b> Andy Lytle	<b>PHONE NUMBER</b> 720 929-6100	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 3/5/2010

<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-02278
<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> CIGE 248
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>9. API NUMBER:</b> 43047332260000
<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> 2197 FSL 0834 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 21 Township: 10.0S Range: 21.0E 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: 3/12/2010	<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 type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
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	<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.

THIS WELL RETURNED TO PRODUCTION ON 3/12/2010.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 March 17, 2010

<b>NAME (PLEASE PRINT)</b> Andy Lytle	<b>PHONE NUMBER</b> 720 929-6100	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 3/17/2010

<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-02278
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TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 3/5/2010	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input checked="" type="checkbox"/> <b>CHANGE WELL STATUS</b>	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input 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: _____

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

**Date:** March 08, 2010

**By:** *Derek Quist*

<b>NAME (PLEASE PRINT)</b> Andy Lytle	<b>PHONE NUMBER</b> 720 929-6100	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 3/5/2010

<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-02278
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<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> CIGE 248
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>9. API NUMBER:</b> 43047332260000
<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> 2197 FSL 0834 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 21 Township: 10.0S Range: 21.0E 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: 3/12/2010	<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 type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input checked="" 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.

THIS WELL RETURNED TO PRODUCTION ON 3/12/2010.

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

**FOR RECORD ONLY**  
March 17, 2010

<b>NAME (PLEASE PRINT)</b> Andy Lytle	<b>PHONE NUMBER</b> 720 929-6100	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 3/17/2010

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-02278	
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>1. TYPE OF WELL</b> Gas Well		<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES	
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>8. WELL NAME and NUMBER:</b> CIGE 248	
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		<b>9. API NUMBER:</b> 43047332260000	
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2197 FSL 0834 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 21 Township: 10.0S Range: 21.0E 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"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 50px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
THE SUBJECT WELL WAS RETURNED TO PRODUCTION ON 04/20/2011.			
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</b>			
<b>NAME (PLEASE PRINT)</b> Sheila Wopsock		<b>PHONE NUMBER</b> 435 781-7024	
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory Analyst	
		<b>DATE</b> 5/3/2011	