

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

<b>APPLICATION FOR PERMIT TO DRILL OR DEEPEN</b>		5. Lease Designation and Serial Number: <b>UT ST ML-22649</b>
1A. Type of Work <b>DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/></b>		6. If Indian, Allottee or Tribe Name: <b>N/A</b>
B. Type of Well OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER: _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name: <b>Natural Buttes Unit</b>
2. Name of Operator: <b>Coastal Oil &amp; Gas Corporation</b>		8. Farm or Lease Name: <b>CIGE</b>
3. Address and Telephone Number: <b>P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476</b>		9. Well Number: <b>190-32-9-22</b>
4. Location of Well (Footages) At surface: <b>466' FNL &amp; 93' FEL</b> At proposed proding zone: _____		10. Field and Pool, or Wildcat <b>Natural Buttes Field</b>
14. Distance in miles and direction from nearest town or post office: <b>See Topo Map A</b>		11. Qtr/Qtr, Section, Township, Range, Meridian: <b>NENE Section 32-T9S-R22E</b>
15. Distance to nearest property or lease line (feet): <b>100'</b>	16. Number of acres in lease: <b>640</b>	12. County: <b>Uintah</b>
17. Number of acres assigned to this well: <b>N/A</b>	13. State: <b>Utah</b>	
18. Distance to nearest well, drilling, completed, or applied for, on this lease (feet): <b>See Topo Map C</b>	19. Proposed Depth: <b>6800'</b>	20. Rotary or cable tools: <b>Rotary</b>
21. Elevations (show whether DR, RT, GR, etc.): <b>Ungraded GR - 4906'</b>		22. Approximate date work will start: <b>Upon Approval</b>

**PROPOSED CASING AND CEMENTING PROGRAM**

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

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.

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 State of Utah requirements.

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

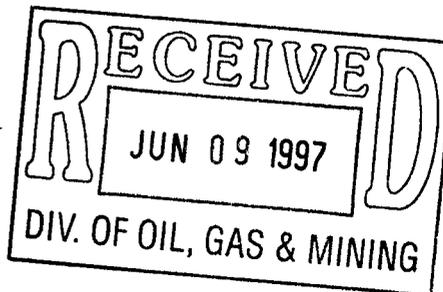
Coastal Oil & Gas Corporation is considered to be the operator of the subject well. It agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided for by Coastal's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

24. *Bonnie Carson* Title: Senior Environmental Analyst Date: 6/6/97  
Name & Signature

(This space for State use only)

API Number Assigned: 43-047-32912

Approval: *John R. Bayn*  
Petroleum Engineer  
6/30/97

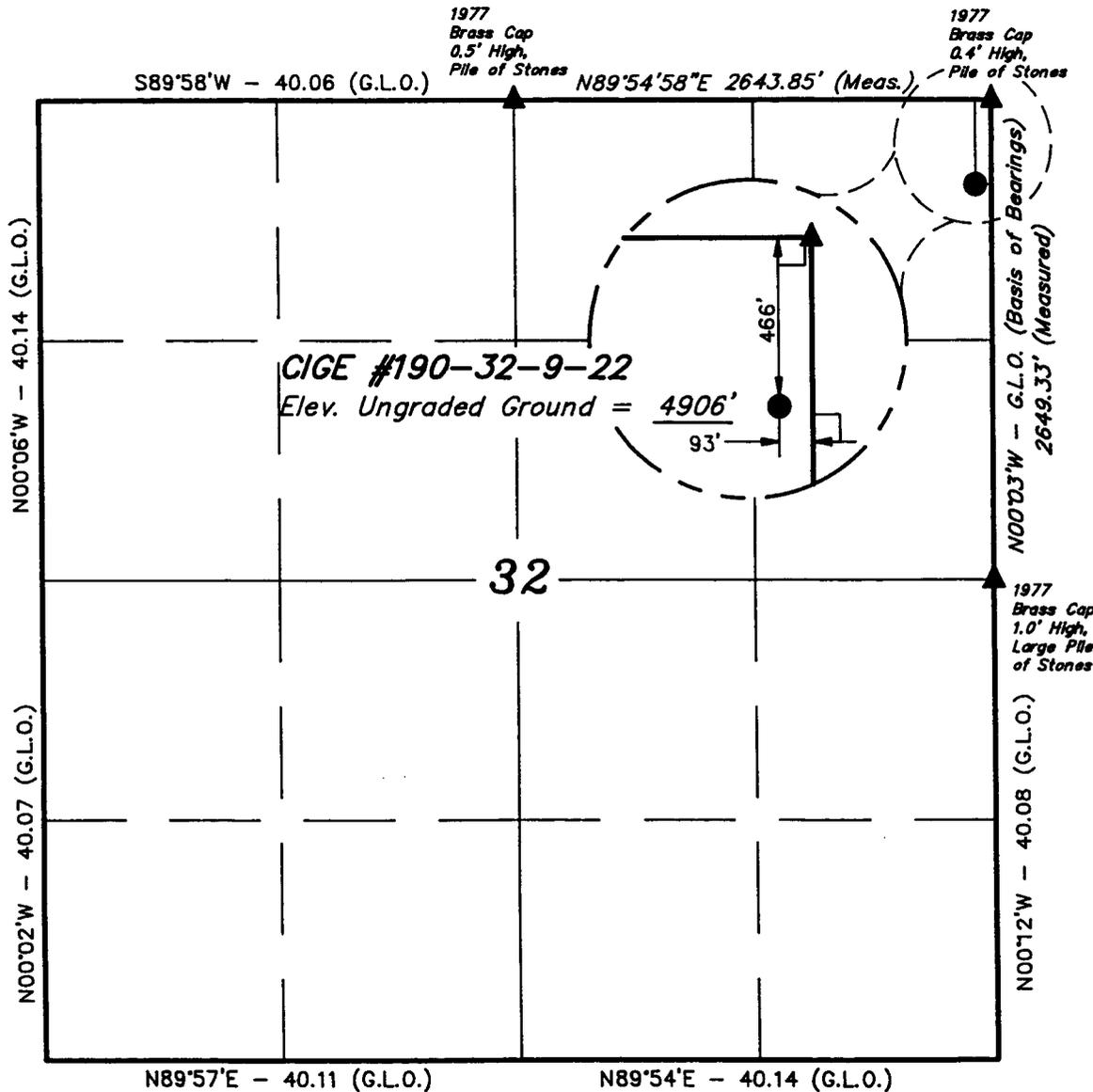


(See Instructions on Reverse Side)

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

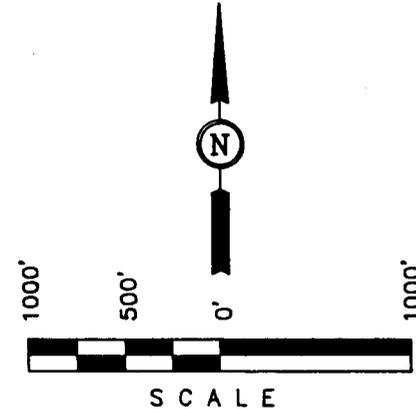
**COASTAL OIL & GAS CORP.**

Well location, CIGE #190-32-9-22, located as shown in the NE 1/4 NE 1/4 of Section 32, T9S, R22E, S.L.B.&M., Uintah County, Utah.



BASIS OF ELEVATION

SPOT ELEVATION AT A RIDGE TOP NEAR THE WEST 1/4 CORNER OF SECTION 9, T10S, R22E, S.L.B.&M. TAKEN FROM THE ARCHY BENCH 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 5304 FEET.



CERTIFICATE

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

*Robert L. Kay*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

LEGEND:

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

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b>		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(801) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 11-9-96	DATE DRAWN: 11-10-96
PARTY B.B. B.H. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE COASTAL OIL & GAS CORP.	

**CIGE #190-32-9-22  
466' FNL & 93' FEL  
NE/NE, SECTION 32-T9S-R22E  
UINTAH COUNTY, UTAH  
ML - 22649**

**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	1,570'
Wasatch	4,530'
Total Depth	6,800'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Oil/Gas	Green River	1,570'
	Wasatch	4,530'
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'	12¼"	8 <sup>5</sup> / <sub>8</sub> "	24#	K-55	ST&C
Production	0-TD	7 <sup>7</sup> / <sub>8</sub> "	4½"	11.6#	N-80	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'	A minimum of 85 sx Class "G" + 2% CaCl <sub>2</sub> , 15.6 ppg, 1.19 cf/sx (cement will be circulated to surface, about 25% excess).

<u>Production</u>	<u>Type &amp; Amount</u>
500' above productive interval to surface	Lead: Extended, Lite, or Hi-Fill cement + additives, 11 or 12 ppg, 2.69 cf/sx.
TD to 500' above productive interval	Tail: Extended Class "G" or 50:50 Poz + additives, 14 ppg; or RFC, 14.0-14.5 ppg, 1.57 cf/sx.

For production casing, actual cement volumes will be determined from the caliper log plus 10-15% 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.) Displace hole to 10 ppg brine 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.

**6. Evaluation Program:****a. Logging Program:**

DLL/CALIPER: Base of surface casing to TD  
FDC/CNL/GR: 2500'-TD

Drill Stem Tests: As necessary.

Cores: As necessary

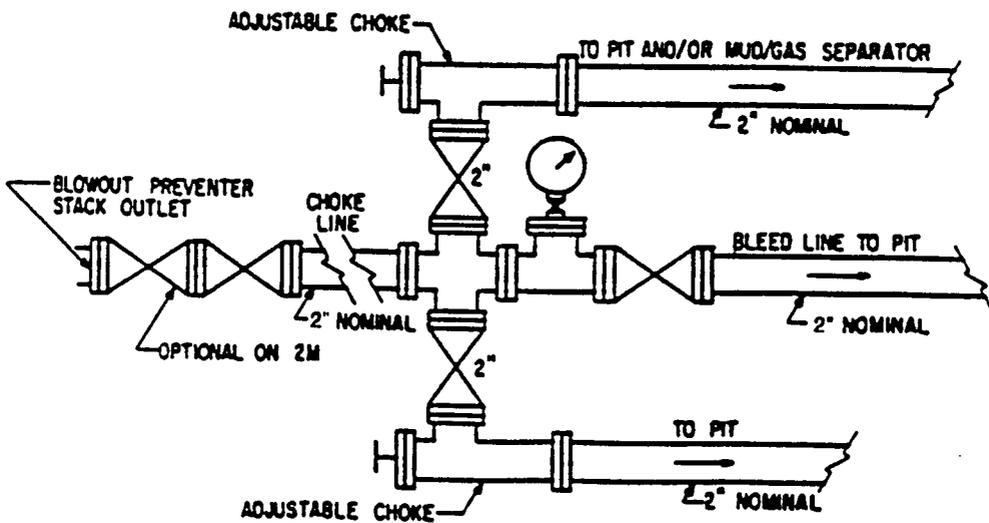
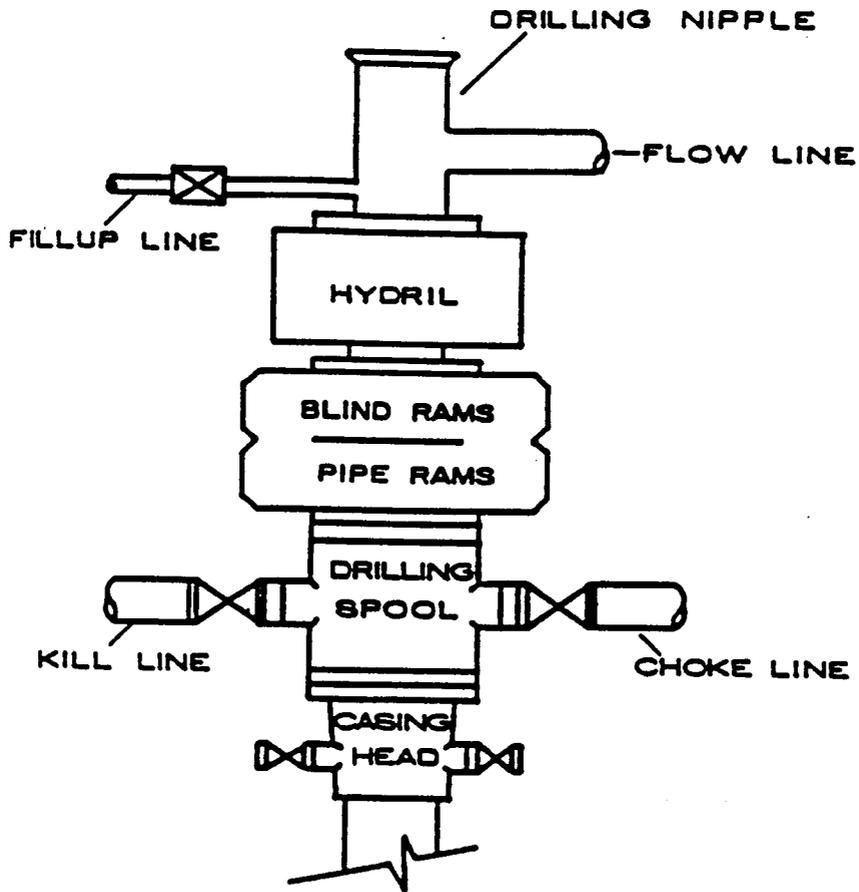
The Evaluation Program may change at the discretion of the well site geologist.

- b. No drill stem tests, stimulation, or frac treatment has been formulated for this well at this time; however, the drill site, as approved, will be of sufficient size to accommodate all completion activities. Any frac treatment program specifics will be submitted via sundry notices.

**7. Abnormal Conditions:**

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered in or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure approximately equals 2,720 psi (calculated at 0.4 psi/foot) and maximum anticipated surface pressure equals approximately 1,224 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

# BOP STACK 3,000 PSI



**CIGE #190-32-9-22  
466' FNL & 93' FEL  
NE/NE, SECTION 32-T9S-R22E  
UINTAH COUNTY, UTAH  
ML - 22649**

**COASTAL OIL & GAS CORPORATION**

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

*This Surface Use and Operations Plan is subject to change pending completion of the on-site inspection.*

**1. Existing Roads:**

The proposed well site is approximately 50 miles southwest of Vernal, Utah.

Directions to the location from Vernal, Utah, are:

Proceed westerly from Vernal on U.S. Highway 40 approximately 14.0 miles to the junction of State Highway 88; exit left and proceed south approximately 17.0 miles on State Highway 88 to Ouray, Utah; proceed south from Ouray approximately 6.9 miles on the Seep Ridge Road to the junction of this road and an existing oil field service road to the east; turn left and proceed in an easterly direction approximately 5.0 miles to the junction of this road and an existing road to the north; turn left and proceed in a northerly direction approximately 0.3 miles to the junction of this road and an existing road to the northeast; turn right and proceed 4.7 miles in a northeasterly direction to the junction of this road and an existing road to the south; turn right and proceed in a southerly direction approximately 4.0 miles to the junction of this road and an existing road to the east; turn left and proceed in a easterly then northerly direction approximately 1.5 miles to the junction of this road and an existing road to the north; turn right and proceed in a northerly then easterly direction 0.7 miles to the junction of this road and an existing road to the northeast; turn left and proceed in a northeasterly then southeasterly direction 1.4 miles to the beginning of the proposed road; follow road flags in a southwesterly direction approximately 400' to the proposed location.

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

*Improvements to existing access roads shall be determined at the on-site inspection.*

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

**2. Planned Access Roads:**

Approximately 400' 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)

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 an easterly direction for an approximate distance of 50' to tie into an existing pipeline. 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.

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. Well Pad and access road - The wellbore is located on land owned by:

- State of Utah  
Division of State Lands & Forestry  
3 Triad Center, #400  
Salt Lake City, Utah 84180-1204

The well pad is located partially on surface owned by the Bureau of Land Management. An onsite inspection to be attended by BLM surface management and natural resource personnel will be held on June 10, 1997.

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, Inc. Cultural resource clearance was recommended. This report was sent directly to the Utah Preservation Office, Division of History, Salt Lake City, and Kenneth Wintch, Utah School Trust Lands, Salt Lake City, by Metcalf Archaeological Consultants.

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

Bonnie Carson  
Senior Environmental Analyst  
Coastal Oil & Gas Corporation  
P.O. Box 749  
Denver, CO 80201-0749  
(303) 573-4476

Tom Young  
Drilling Manager  
Coastal Oil & Gas Corporation  
9 Greenway Plaza, Suite 2770  
Houston, TX 77046  
(713) 877-7044

**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.

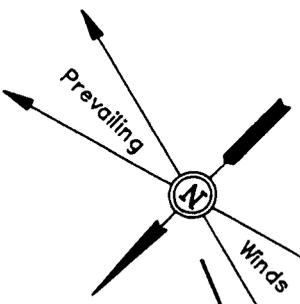
  
Bonnie Carson

Date 6/6/97

COASTAL OIL & GAS CORP.

LOCATION LAYOUT FOR

CIGE #190-32-9-22  
SECTION 32, T9S, R22E, S.L.B.&M.  
466' FNL 93' FEL



Sec. 33  
Sec. 32

Existing Drainage Ditch

Proposed Access Road

C-9.1'  
El. 909.9'

F-0.9'  
El. 899.9'

F-25.8'  
El. 875.0'

SCALE: 1" = 50'  
DATE: 11-10-96  
Drawn By: D.R.B.  
Revised: 03-20-97 D.R.B.

Existing 4" Pipeline

Sta. 3+25

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



Re-Route Pipeline Around Loc. as Needed

El. 903.4'  
C-12.6'  
(btm. pit)

FLARE PIT C-6.2'  
El. 907.0'

C-5.6'  
El. 906.4'

C-5.6'  
El. 906.4'

Sta. 1+50

Approx. Top of Cut Slope

F-5.5'  
El. 895.3'

RESERVE PITS (10' Deep)

Pit Capacity With 2' of Freeboard is ±9,650 Bbls.

Sta. 0+55

El. 896.9'  
C-6.1'  
(btm. pit)

Reserve Pit Backfill & Spoils Stockpile

El. 905.9'  
C-5.1'

C-3.9'  
El. 904.7'

Sta. 0+00

Approx. Toe of Fill Slope

C-0.3'  
El. 901.1'

F-23.7'  
El. 877.1'

**NOTES:**

Elev. Ungraded Ground At Loc. Stake = 4906.4'  
FINISHED GRADE ELEV. AT LOC. STAKE = 4900.8'

FIGURE #1

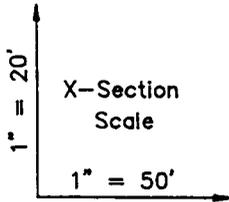
COASTAL OIL & GAS CORP.

TYPICAL CROSS SECTIONS FOR

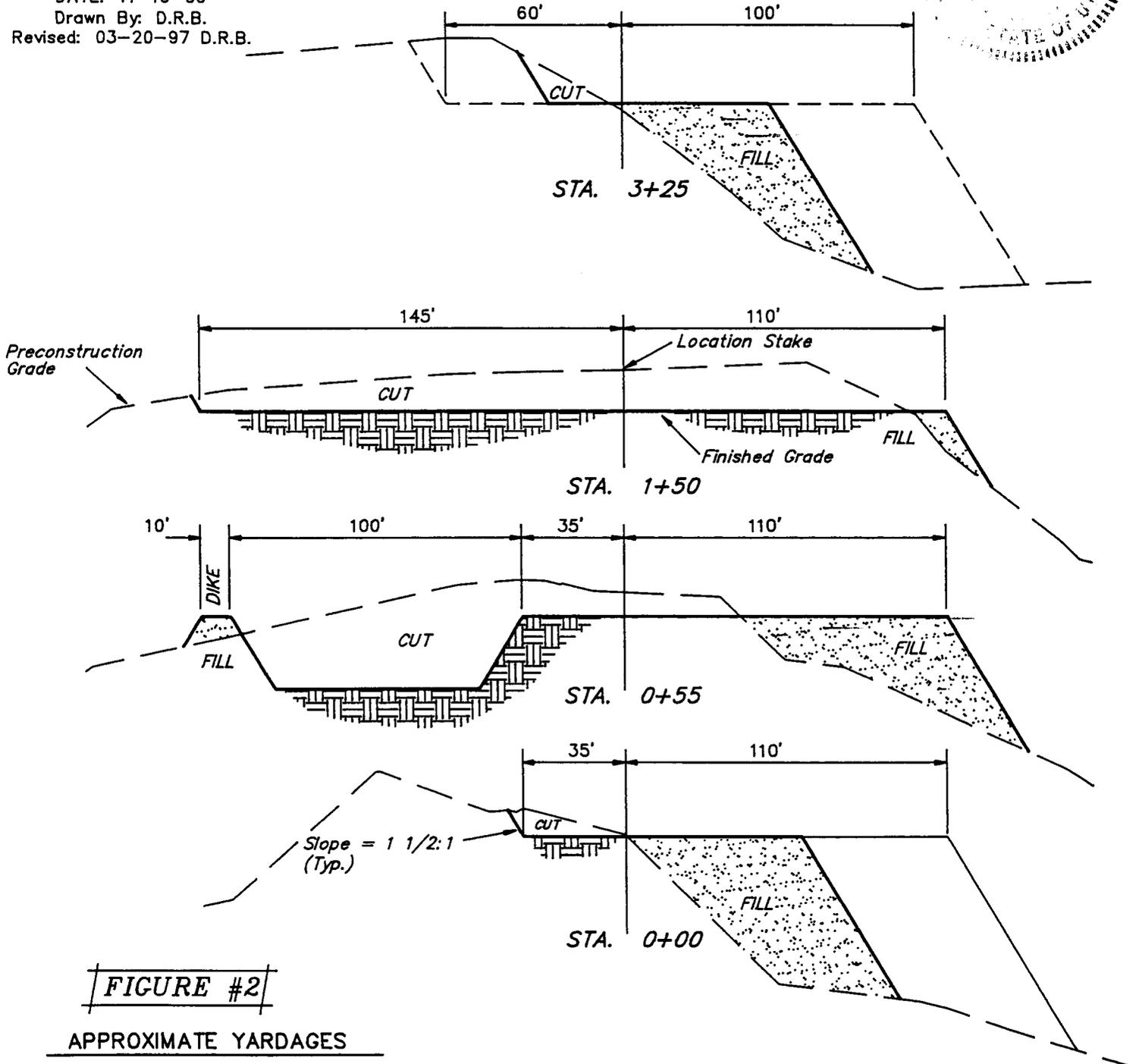
CIGE #190-32-9-22

SECTION 32, T9S, R22E, S.L.B.&M.

466' FNL 93' FEL



DATE: 11-10-96  
Drawn By: D.R.B.  
Revised: 03-20-97 D.R.B.

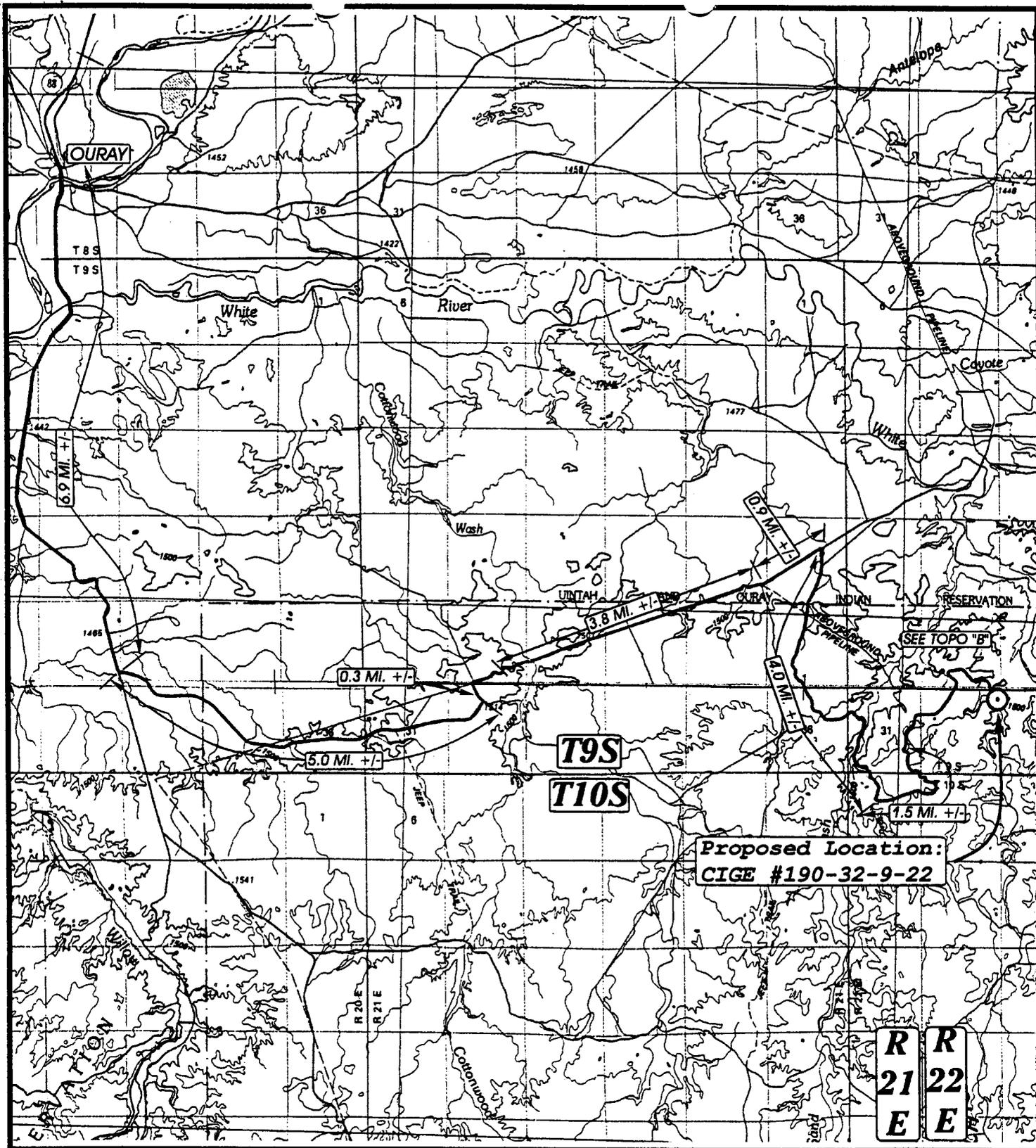


**FIGURE #2**

**APPROXIMATE YARDAGES**

<b>CUT</b>	
(6") Topsoil Stripping	= 1,120 Cu. Yds.
Remaining Location	= 10,770 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 11,890 CU.YDS.</b>
<b>FILL</b>	<b>= 8,960 CU.YDS.</b>

<b>EXCESS MATERIAL AFTER 5% COMPACTION</b>	<b>= 2,460 Cu. Yds.</b>
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,460 Cu. Yds.
<b>EXCESS UNBALANCE (After Rehabilitation)</b>	<b>= 0 Cu. Yds.</b>



**UEIS**

**TOPOGRAPHIC  
MAP "A"**

**DATE: 11-10-96  
Drawn by: D.R.B.**

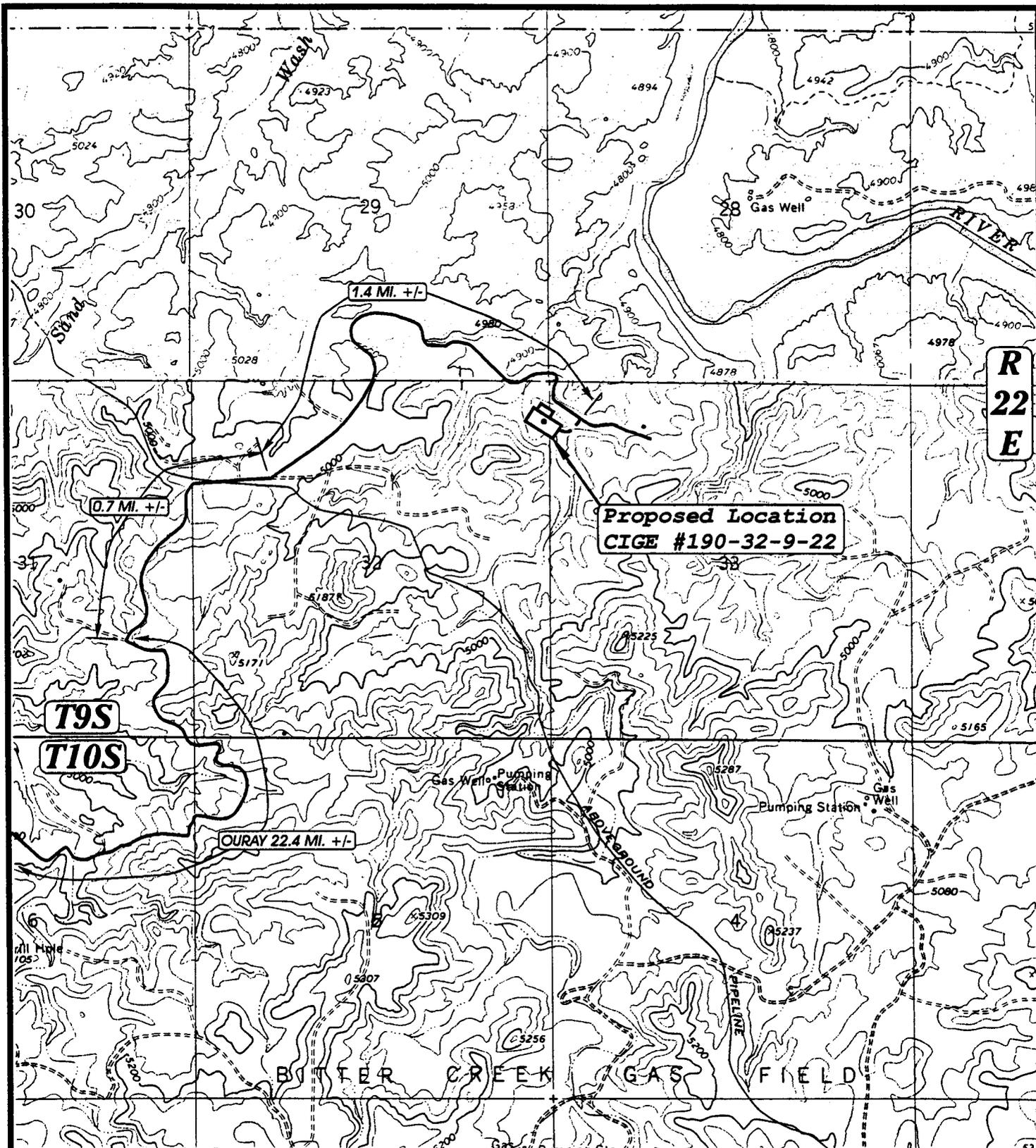
**UINTAH ENGINEERING & LAND SURVEYING**  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017



**COASTAL OIL & GAS CORP.**

**CIGE #190-32-9-22  
SECTION 32, T9S, R22E, S.L.B.&M.  
466' FNL 93' FEL**

**R R  
21 22  
E E**



**UELS**

**TOPOGRAPHIC  
MAP "B"**

DATE: 11-11-96  
Drawn by: D.R.B.

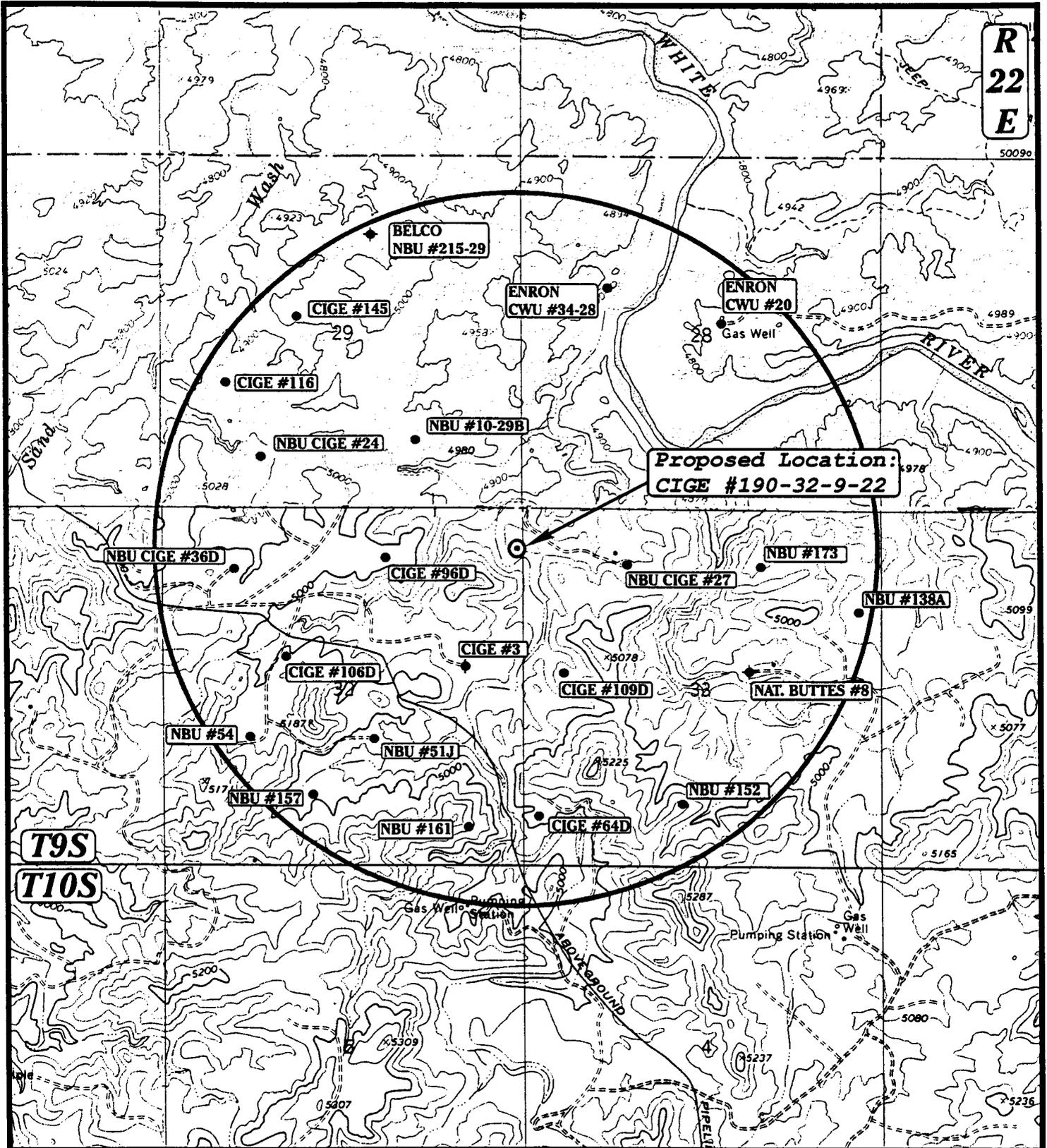


**COASTAL OIL & GAS CORP.**

CIGE #190-32-9-22  
SECTION 32, T9S, R22E, S.L.B.&M.  
466' FNL 93' FEL

SCALE: 1" = 2000'

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



**R  
22  
E**

**T9S  
T10S**

**LEGEND:**

- Water Wells
- Abandoned Wells
- ◐ Temporarily Abandoned Wells
- ◑ Disposal Wells
- Drilling Wells
- Producing Wells
- Shut-in Wells

**UELS**

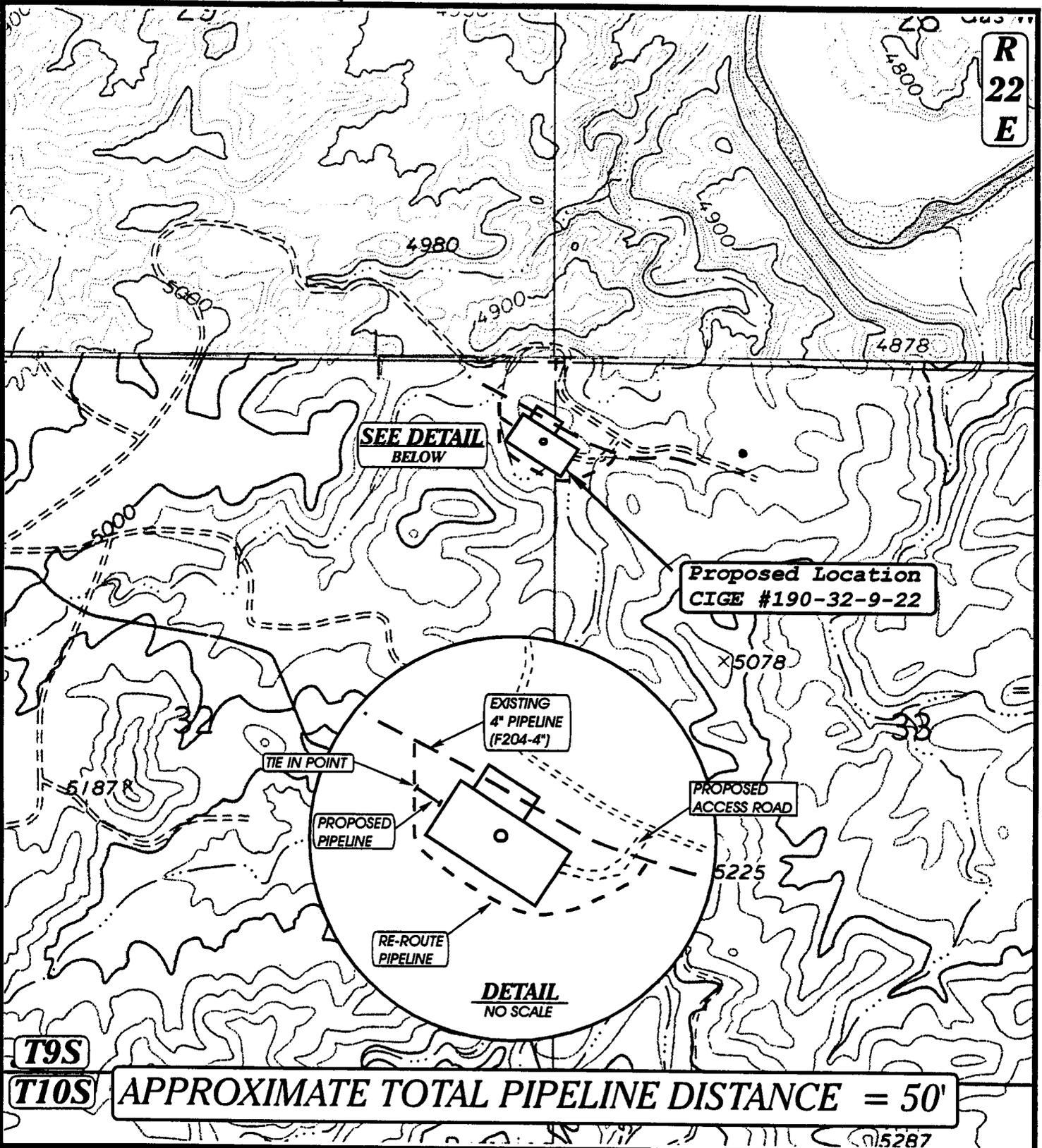
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SCALE: 1" = 2000'

**COASTAL OIL & GAS CORP.**

CIGE #190-32-9-22  
SECTION 32, T9S, R22E, S.L.B.&M.  
**TOPOGRAPHIC  
MAP "C"**  
DATE: 11-11-96  
DRAWN BY: D.R.B.



**R  
22  
E**

**T9S**

**T10S APPROXIMATE TOTAL PIPELINE DISTANCE = 50'**

**TOPOGRAPHIC  
MAP "D"**



----- Existing Pipeline  
 HHHHHHHH Proposed Pipeline



Scale: 1" = 2000'

**COASTAL OIL & GAS CORP.**

CIGE #190-32-9-22  
 SECTION 32, T9S, R22E, S.L.B.&M.  
 466' FNL 93' FEL

DATE: 11-11-96  
 Drawn by: D.R.B.

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

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/09/97

API NO. ASSIGNED: 43-047-32912

WELL NAME: CIGE 190-32-9-22  
 OPERATOR: COASTAL OIL & GAS CORP (N0230)

PROPOSED LOCATION:  
 NENE 32 - T09S - R22E  
 SURFACE: 0466-FNL-0093-FEL  
 BOTTOM: 0466-FNL-0093-FEL  
 UINTAH COUNTY  
 NATURAL BUTTES FIELD (630)

INSPECT LOCATION BY: 06/25/97		
TECH REVIEW	Initials	Date
Engineering	<i>SRB</i>	<i>6/30/97</i>
Geology		
Surface		

LEASE TYPE: STA  
 LEASE NUMBER: ML - 22649

PROPOSED PRODUCING FORMATION: WSTC

RECEIVED AND/OR REVIEWED:

Plat  
 Bond: Federal [] State [ Fee []  
 (Number 102103)  
 Potash (Y/N)  
 Oil shale (Y/N)  
 Water permit  
 (Number \_\_\_\_\_)  
 RDCC Review (Y/N)  
 (Date: \_\_\_\_\_)

LOCATION AND SITING:

R649-2-3. Unit: NATURAL BUTTES  
 R649-3-2. General.  
 R649-3-3. Exception.  
 Drilling Unit.  
 Board Cause no: \_\_\_\_\_  
 Date: \_\_\_\_\_

COMMENTS: Curing OK, Cement OK, BOP OK.

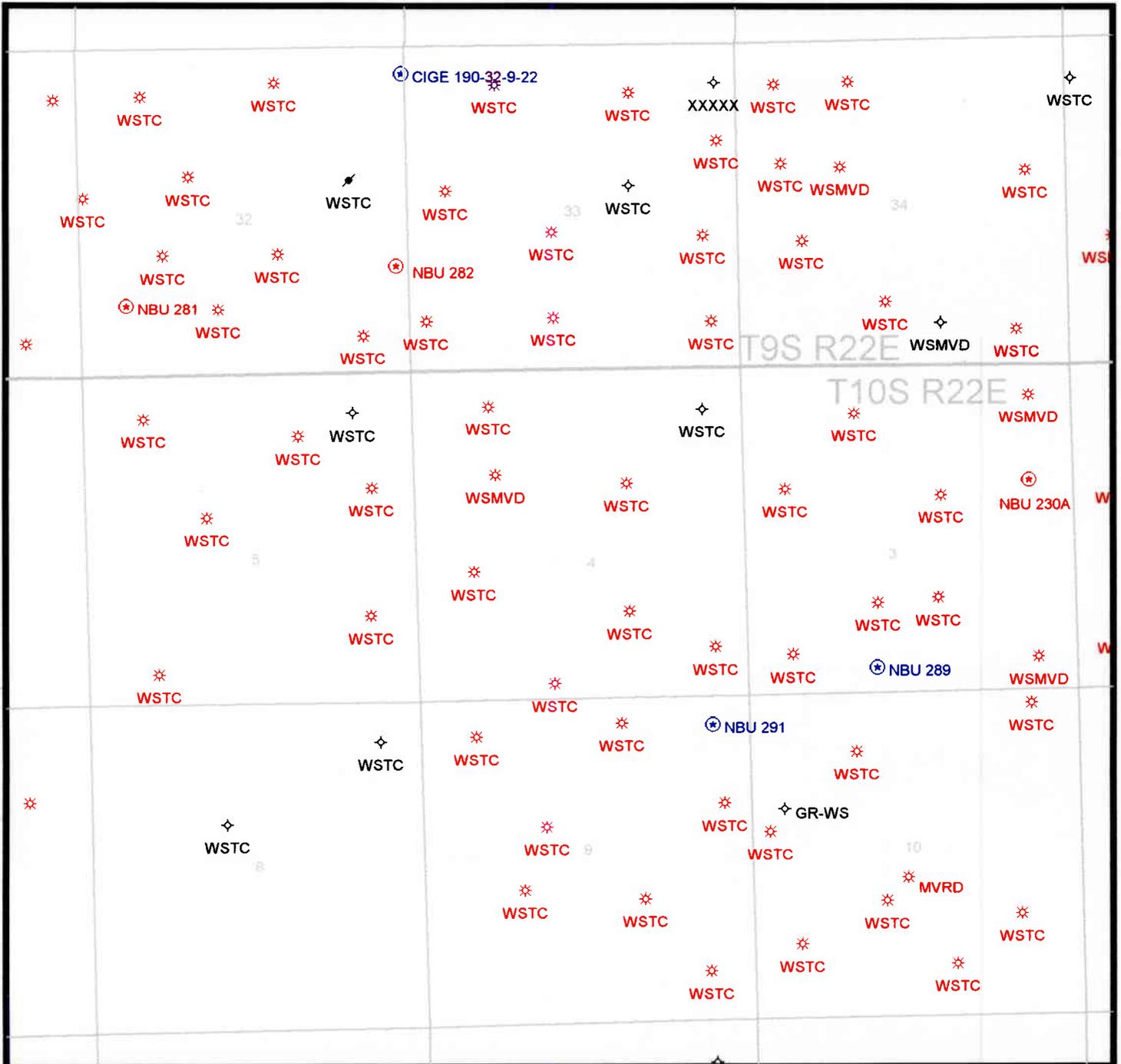
STIPULATIONS: 1. Statement of Basis

OPERATOR: COASTAL OIL & GAS (N0230)

FIELD: NATURAL BUTTES (630)

SEC, TWP, RNG: 32, T9S, R22E, & 3,9, T10S, R22E

COUNTY: UINTAH UAC: R649-2-3



PREPARED:  
DATE: 9-JUNE-97

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

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

**Name & Number:** CIGE 190-32-9-22

**API Number:** 43-047-32912

**Location:** 1/4, 1/4 NE/NE Sec. 32 T. 9S R. 22E

**Geology/Ground Water:**

The base of moderately saline water is at a depth of approximately 2900 feet in the Green River Formation. Fresh water zones may be encountered in sands in the Uinta Formation and into the Green River Formation. These sands are generally discontinuous and not subject to direct recharge. The proposed casing and cement program will adequately isolate any water encountered.

**Reviewer:** D. Jarvis

**Date:** 6-24-97

**Surface:**

THE PRE-SITE INVESTIGATION OF THE SURFACE WAS PERFORMED BY FIELD PERSONNEL ON 6/13/97. ALL APPLICABLE SURFACE MANAGEMENT AGENCIES AND LANDOWNERS HAVE BEEN NOTIFIED AND THEIR CONCERNS ACCOMMODATED WHERE REASONABLE AND POSSIBLE. ACCESS ROAD AND PART OF LOCATION WILL BE ON B.L.M. SURFACE. EXCEPTION LOCATION WILL BE NECESSARY BECAUSE OF EXTREMELY ROUGH AND STEEP SLOPES.

**Reviewer:** DAVID W. HACKFORD

**Date:** 6/13/97

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

1. RESERVE PIT SHALL BE CONSTRUCTED NORTH OF WELL BORE.
2. A 12 MIL LINER WILL BE REQUIRED FOR THE RESERVE PIT.

ON-SITE PREDRILL EVALUATION

Division of Oil, Gas and Mining

OPERATOR: COASTAL OIL & GAS CORP.  
WELL NAME & NUMBER: CIGE 190-32-9-22  
API NUMBER: 43-047-32912  
LEASE: UT ST ML-22649 FIELD/UNIT: NATURAL BUTTES FIELD.  
LOCATION: 1/4, 1/4 NE/NE Sec: 32 TWP: 9S RNG: 22E 466' FNL 93' FEL  
LEGAL WELL SITING: \_\_\_' F SEC. LINE; \_\_\_' F 1/4, 1/4 LINE; \_\_\_' F ANOTHER WELL.  
GPS COORD (UTM) 12631962E 4428518N  
SURFACE OWNER: STATE OF UTAH

PARTICIPANTS

DOUG HACKFORD (COGC), DAVID W. HACKFORD (DOGM), ROBERT KAY (UELS)

REGIONAL/LOCAL SETTING & TOPOGRAPHY

SITE IS LOCATED ON A FLAT TOPPED MESA SURROUNDED BY STEEP SLOPES IN ALL DIRECTIONS. DEEP, NARROW DRAWS DRAINING NORTHWEST ARE NORTHEAST AND SOUTHWEST OF SITE.

SURFACE USE PLAN

CURRENT SURFACE USE: LIVESTOCK AND WILDLIFE GRAZING.

PROPOSED SURFACE DISTURBANCE: LOCATION WILL BE 325' X 245.  
ACCESS ROAD WILL ENTIRELY ON B.L.M. SURFACE.

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. AN EXISTING PIPELINE CROSSES SITE AND WILL BE RE-ROUTED SOUTH OF LOCATION.

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, SALTBRUSH, PRICKLY PEAR,  
THORNY HORSEBRUSH: PRONGHORN, RODENTS, COYOTES, BIRDS.

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY CLAY.

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): A 12 MIL 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 METCALF  
ARCHAEOLOGICAL CONSULTANTS, INC. 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

6/13/97 10:30 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>20</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 III Sensitivity)</b>		<u>25</u>

APD Evaluation

Coastal - CIGE 190-32-9-22

I. Casing program

4 1/2", 11.6#, N-80, LTC set at 6800' (TD)

Max. mud wt. = 8.4 ppg

Calc. BHP =  $(0.052)(8.4)(6800) = 2970 \text{ psi}$

Max. anticipated BHP = 2920 psi

Burst str. = 7780 psi      Burst SF =  $\frac{7780}{2970} = \underline{\underline{2.62}} \text{ OK}$

Collapse str = 6350 psi      Collapse SF =  $\frac{6350}{2970} = \underline{\underline{2.14}} \text{ OK}$

wt. of pipe =  $(6800)(11.6) = 78,880 \text{ \#}$

St. str. = 223,000 #

Tension SF =  $\frac{223,000}{78,880} = \underline{\underline{2.83}} \text{ OK}$

II. Cement program

Lead stage yield = 2.69 ft<sup>3</sup>/sk      no vol. stated

Tail stage yield = 1.57 ft<sup>3</sup>/sk      " " "



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

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

June 30, 1997

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

Re: CIGE 190-32-9-22 Well, 466' FNL, 93' FEL, NE NE, Sec. 32,  
T. 9 S., R. 22 E., Uintah County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-32912.

Sincerely,

A handwritten signature in cursive script that reads "Lowell P. Braxton".

Lowell P. Braxton  
Deputy Director

lwp

Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator: Coastal Oil & Gas Corporation  
Well Name & Number: CIGE 190-32-9-22  
API Number: 43-047-32912  
Lease: UT-ST ML-22649  
Location: NE NE Sec. 32 T. 9 S. R. 22 E.

### Conditions of Approval

1. General  
Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.
2. Notification Requirements  
Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.  
  
Notify the Division prior to commencing operations to plug and abandon the well. Contact John R. Baza (801)538-5334 or Mike Hebertson at (801) 538-5333.
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. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis dated June 24, 1997 (copy attached).

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

<b>APPLICATION FOR PERMIT TO DRILL OR DEEPEN</b>		5. Lease Designation and Serial Number: <b>UT ST ML-22649</b>
1A. Type of Work <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		6. If Indian, Allottee or Tribe Name: <b>N/A</b>
B. Type of Well OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER: _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name: <b>Natural Buttes Unit</b>
2. Name of Operator: <b>Coastal Oil &amp; Gas Corporation</b>		8. Farm or Lease Name: <b>CIGE</b>
3. Address and Telephone Number: <b>P.O. Box 749, Denver, CO 80201-0749      (303) 573-4476</b>		9. Well Number: <b>190-32-9-22</b>
4. Location of Well (Footages) At surface: <b>466' FNL &amp; 93' FEL</b> At proposed proding zone: _____		10. Field and Pool, or Wildcat <b>Natural Buttes Field</b>
14. Distance in miles and direction from nearest town or post office: <b>See Topo Map A</b>		11. Qtr/Qtr, Section, Township, Range, Meridian: <b>NENE Section 32-T9S-R22E</b>
15. Distance to nearest property or lease line (feet): <b>100'</b>	16. Number of acres in lease: <b>640</b>	12. County: <b>Uintah</b>
18. Distance to nearest well, drilling, completed, or applied for, on this lease (feet): <b>See Topo Map C</b>	19. Proposed Depth: <b>6800'</b>	13. State: <b>Utah</b>
21. Elevations (show whether DR, RT, GR, etc.): <b>Ungraded GR - 4906'</b>	17. Number of acres assigned to this well: <b>N/A</b>	
		20. Rotary or cable tools: <b>Rotary</b>
		22. Approximate date work will start: <b>Upon Approval</b>

**23. PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
<b>See Attached</b>				<b>RECEIVED</b>
<b>Drilling Program</b>				<b>JUL 14 1997</b>

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.

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 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 Coastal's Bond #102103.

24. Name & Signature: *Bonnie Carson* Title: Senior Environmental Analyst Date: 7/11/97

(This space for State use only)

API Number Assigned: 43-047-32912

Approval: **ACCEPTED BY BLM FOR UNIT PURPOSES ONLY**  
**RECEIVED JUL 24 1997**  
**JUL 28 1997**

(See Instructions on Reverse Side)

DIV. OF OIL, GAS & MINING

**ENTITY ACTION FORM - FORM 6**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	02900	43-047-32912	CIGE #190-32-9-22	NENE	32	9S	22E	Uintah	11/13/97	11/13/97
WELL 1 COMMENTS: (A - CIGE) <i>Entity added 11-19-97. (Nat'l Buttes U/wste-mvrd P.A.) Sec</i>											
B	99999	02900	43-047-32930	NBU #243	NWNW	6	10S	22E	Uintah	11/14/97	11/14/97
WELL 2 COMMENTS: (Coastal) <i>Entity added 11-19-97. (Nat'l Buttes U/wste-mvrd P.A.)</i>											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

**ACTION CODES (See instructions on back of form)**

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

*Sheila Bremer*

Signature Sheila Bremer

Environ. & Safety Analyst 11/17/97

Title

Date

Phone No. (303) 573-4455

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

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

5. Lease Designation and Serial No.

ML-22649

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 190-32-9-22

9. API Well No.

43-047-32912

10. Field and Pool, or exploratory Area

Natural Buttes Field

11. County or Parish, State

Uintah Co. Utah

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 749, Denver, CO 80201-0749

(303) 573-4476

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

466' FNL & 93' FEL  
NENE Section 32 T9S-R22E

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

TYPE OF SUBMISSION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

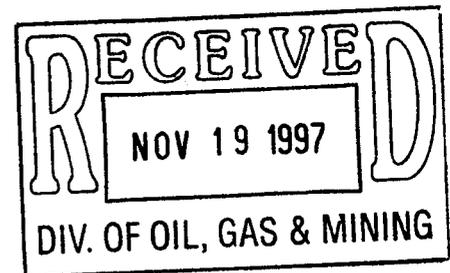
TYPE OF ACTION

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other Spud notice  
 Change of Plans  
 New Construction  
 Non-Routine Fracturing  
 Water Shut-Off  
 Conversion to Injection  
 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.)\*

11/13/97: MIRU Bill Martin Drilling. Drilled 253' 11" hole.  
11/14/97: Ran 6 jts 8 5/8", 24#, J55 w/Howco shoe - 253.30. Cmt w/Halliburton. Pumped 20 bbls gel water ahead of 100 sk "Prem AG" w/2% CaCl2 wt 15.6 yield 1.18. Drop plug & disp w/13.5 bbls water + 4 bbls. Cmt to surf. Hole is full. Notified Ed Forsman with BLM. Not witnessed.



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

Signed

*Sheila Bremer*

Title

Sheila Bremer

Environmental & Safety Analyst

Date

11/17/97

(This space for 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 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.

\* See Instruction on Reverse Side

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number  
**ML-22649**

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

7. Unit Agreement Name:  
**Natural Buttes Unit**

8. Well Name and Number:  
**CIGE 190-32-9-22**

9. API Well Number:  
**43-047-32912**

10. Field and Pool, or Wildcat  
**Natural Buttes Field**

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes

1. Type of Well: OIL  GAS  OTHER:

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

3. Address and Telephone Number.  
**P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455**

4. Location of Well  
Footages: **466' FNL & 93' FEL** County: **Uintah**  
QQ, Sec., T., R., M.: **NENE, Section 32-T9S-R22E** State: **Utah**

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

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
<input type="checkbox"/> Abandon	<input type="checkbox"/> New Construction	<input type="checkbox"/> Abandon*	<input type="checkbox"/> New Construction
<input type="checkbox"/> Repair Casing	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Repair Casing	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Perforate
<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Perforate	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat or Acidize	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat or Acidize	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <u>First Production</u>	
<input type="checkbox"/> Other _____		Date of work completion <u>2/5/98</u>	
Approximate date work will start _____		Report results of <b>Multiple Completions</b> and <b>Recompletions</b> to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.	
		* Must be accompanied by a cement verification report.	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

First production for the subject well occurred on 2/5/98.

13. Name & Signature Sheila Bremer Title Environmental & Safety Analyst Date 2/6/98

(This space for State use only)

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number  
**ML-22649**

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

7. Unit Agreement Name:  
**Natural Buttes Unit**

8. Well Name and Number:  
**CIGE 190-32-9-22**

9. API Well Number:  
**43-047-32912**

10. Field and Pool, or Wildcat  
**Natural Buttes Field**

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes

1. Type of Well: OIL  GAS  OTHER:

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

3. Address and Telephone Number.  
**P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476**

4. Location of Well  
Footages: **466' FNL & 93' FEL** County: **Uintah**  
QQ, Sec., T., R., M.: **NENE, Section 32-T9S-R22E** State: **Utah**

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

**NOTICE OF INTENT**  
(Submit in Duplicate)

<input type="checkbox"/> Abandon	<input type="checkbox"/> New Construction
<input type="checkbox"/> Repair Casing	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recomplete
<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Perforate
<input type="checkbox"/> Fracture Treat or Acidize	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

Approximate date work will start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

<input type="checkbox"/> Abandon*	<input type="checkbox"/> New Construction
<input type="checkbox"/> Repair Casing	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Perforate
<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat or Acidize	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Other <u>Reclaim and Backfill Mud Pit</u>	

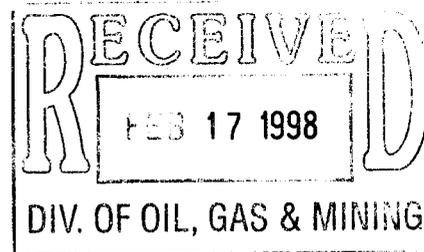
Date of work completion February, 1998

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The Operator has backfilled and reclaimed the mudpit subsequent to drilling operations.



13. Name & Signature *Bonnie Carson* Title Bonnie Carson Sr. Environmental Analyst Date 2/13/98

(This space for State use only)

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number  
**ML-22649**

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

7. Unit Agreement Name:  
**Natural Buttes Unit**

8. Well Name and Number:  
**CIGE 190-32-9-22**

9. API Well Number:  
**43-047-32912**

10. Field and Pool, or Wildcat  
**Natural Buttes Field**

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes

1. Type of Well: OIL  GAS  OTHER:

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

3. Address and Telephone Number.  
**P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455**

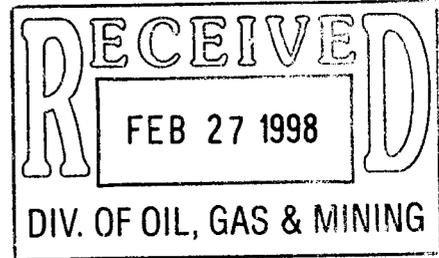
4. Location of Well  
Footages: **466' FNL & 93' FEL** County: **Uintah**  
QQ,Sec., T., R., M.: **NENE, Section 32-T9S-R22E** State: **Utah**

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

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
<input type="checkbox"/> Abandon	<input type="checkbox"/> New Construction	<input type="checkbox"/> Abandon*	<input type="checkbox"/> New Construction
<input type="checkbox"/> Repair Casing	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Repair Casing	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Perforate
<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Perforate	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat or Acidize	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat or Acidize	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <u>Drilling operations</u>	
<input type="checkbox"/> Other _____			
Approximate date work will start _____		Date of work completion <u>1/24/98</u>	
		Report results of <b>Multiple Completions</b> and <b>Recompletions</b> to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.	
		* Must be accompanied by a cement verification report.	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see attached chronological well history for work performed on the subject well.



13. Name & Signature Sheila Bremer Title Environmental & Safety Analyst Date 2/23/98

(This space for State use only)

**PERC****WELL CHRONOLOGY REPORT**

<b>WELL NAME : CIGE #190</b>		DISTRICT : <u>DRLG</u>
FIELD : <u>NATURAL BUTTES</u>		LOCATION :
COUNTY & STATE : <u>UINTAH</u>	<u>UT</u>	CONTRACTOR : <u>COASTALDRIL</u>
WI% : <u>AFE# : 18759</u>	API# : <u>43-047-32912</u>	PLAN DEPTH : <u>SPUD DATE : 11/14/97</u>
DHC : <u>CWC :</u>	AFE TOTAL :	FORMATION :

<b>REPORT DATE : 11/15/97</b>	MD : <u>251</u>	TVD : <u>0</u>	DAYS : <u>0</u>	MW :	VISC :
DAILY : DC : <u>\$26,278</u>	CC : <u>\$0</u>	TC : <u>\$26,278</u>	CUM : DC : <u>\$26,278</u>	CC : <u>\$0</u>	TC : <u>\$26,278</u>

DAILY DETAILS : 11/13/97 MI & RU BILL MARTIN DRILLING. DRILLED 253' 11" HOLE 11/14/97 RAN 6 JTS 8 5/8" 24# J-55 W/HOWCO SHOE = 253.3 CMT W/HALLIBURTON PUMPED 20 BBLS GEL WATER AHEAD OF 100 SK PREM AC W/2% CACL2 WT 15.6 YIELD 1.18. DROP PLUG & DISP W/13.5 BBLS WATER +/- 4 BBLS CMT T/SURFACE HOLE IS FULL NOTIFIED ED FORSMAN BLM NOT WITNESSED  
SPUD 9:30 AM 11-14-97

<b>REPORT DATE : 1/13/98</b>	MD : <u>251</u>	TVD : <u>0</u>	DAYS :	MW :	VISC :
DAILY : DC : <u>\$10,548</u>	CC : <u>\$0</u>	TC : <u>\$10,548</u>	CUM : DC : <u>\$36,826</u>	CC : <u>\$0</u>	TC : <u>\$36,826</u>

DAILY DETAILS : RIG DOWN - PREPARE RIG FOR MOVE TO NEW LOCATION

<b>REPORT DATE : 1/14/98</b>	MD : <u>351</u>	TVD : <u>0</u>	DAYS :	MW :	VISC :
DAILY : DC : <u>\$9,917</u>	CC : <u>\$0</u>	TC : <u>\$9,917</u>	CUM : DC : <u>\$46,742</u>	CC : <u>\$0</u>	TC : <u>\$46,742</u>

DAILY DETAILS : RD ON NBU 242 MOVE RIG TO CIGE 190 RIG PIECES ON LOCATION SET SUB STRUCTURE "A" FRAME AND PIH DERRICK READY TO STAND UP AT DAY LIGHT ROADS VERY SLICK DUE TO NEW SNOW AND WARM TEMPERATURES VERY MUDDY

<b>REPORT DATE : 1/15/98</b>	MD : <u>251</u>	TVD : <u>0</u>	DAYS : <u>1</u>	MW : <u>8.3</u>	VISC : <u>27</u>
DAILY : DC : <u>\$17,372</u>	CC : <u>\$0</u>	TC : <u>\$17,372</u>	CUM : DC : <u>\$64,115</u>	CC : <u>\$0</u>	TC : <u>\$64,115</u>

DAILY DETAILS : RIG UP TEST BOPE TO 3000 PSI RIG UP AND START AIR PACKAGE PICK UP BHA AND TAG CMT AT 190' INSTALL ROTATING HEAD AND PICKING UP KELLY CONTACTED ED FORSMAN - BLM AND DENNIS INGRAM - STATE OF UTAH FOR BOP TEST - NOT WITNESSED

<b>REPORT DATE : 1/16/98</b>	MD : <u>1,354</u>	TVD : <u>0</u>	DAYS : <u>2</u>	MW : <u>8.3</u>	VISC : <u>27</u>
DAILY : DC : <u>\$44,737</u>	CC : <u>\$0</u>	TC : <u>\$44,737</u>	CUM : DC : <u>\$108,852</u>	CC : <u>\$0</u>	TC : <u>\$108,852</u>

DAILY DETAILS : PICK UP BHA AND TAG CEMENT AT 190' - PICK UP ROTATING HEAD DRLG CMT TO 263' DRLG TO 588' SURVEY AT 544' RIG MAINTENANCE DRLG TO 1070' SURVEY AT 1277' DRLG TO 1321' SURVEY AT 1277' DRLG TO 1354'

<b>REPORT DATE : 1/17/98</b>	MD : <u>2,549</u>	TVD : <u>0</u>	DAYS : <u>3</u>	MW : <u>8.3</u>	VISC : <u>27</u>
DAILY : DC : <u>\$9,917</u>	CC : <u>\$0</u>	TC : <u>\$9,917</u>	CUM : DC : <u>\$118,768</u>	CC : <u>\$0</u>	TC : <u>\$118,768</u>

DAILY DETAILS : RIG MAINTENANCE DRLG TO 1789' RIG MAINTENANCE SURVEY AT 1745' DRLG TO 2286' SURVEYS DRLG TO 2349'

<b>REPORT DATE : 1/18/98</b>	MD : <u>3,686</u>	TVD : <u>0</u>	DAYS : <u>4</u>	MW : <u>8.4</u>	VISC : <u>27</u>
DAILY : DC : <u>\$16,504</u>	CC : <u>\$0</u>	TC : <u>\$16,504</u>	CUM : DC : <u>\$135,273</u>	CC : <u>\$0</u>	TC : <u>\$135,273</u>

DAILY DETAILS : DRLG 2783' RIG MAINTENANCE SURVEY DRLG 3686' DRILLING

**PERC****WELL CHRONOLOGY REPORT**

REPORT DATE : 1/19/98 MD : 4.195 TVD : 0 DAYS : 5 MW : 8.4 VISC : 27  
 DAILY : DC : \$10.799 CC : \$0 TC : \$10.799 CUM : DC : \$146.071 CC : \$0 TC : \$146.071  
 DAILY DETAILS : DRLG TO 3782' SURVEY AT 3738' - SURVEY LINE BROKE RIG SERVICE - FUNCTION TEST  
 BOPS DRLG TO 4195'  
 DRLG BRK 4118'-4134'

REPORT DATE : 1/20/98 MD : 4.800 TVD : 0 DAYS : 6 MW : 8.4 VISC : 27  
 DAILY : DC : \$12.174 CC : \$0 TC : \$12.174 CUM : DC : \$158.245 CC : \$0 TC : \$158.245  
 DAILY DETAILS : DRLG TO 4587' POOH RIG MAINTENANCE REPAIR BROKEN CHAIN TRIP IN HOLE  
 WASH TO BOTTOM 30' DRLG TO 4800'

REPORT DATE : 1/21/98 MD : 6.127 TVD : 0 DAYS : 7 MW : 8.4 VISC : 27  
 DAILY : DC : \$14.098 CC : \$0 TC : \$14.098 CUM : DC : \$172.343 CC : \$0 TC : \$172.343  
 DAILY DETAILS : SURVEY AT 4791' 1.25 DRLG 5245' RIG SERVICE AND FUNCTION TEST BOPS DRLG TO  
 5400' SURVEY AT 5356' DRLG TO 5463' KILL FLOW PUMP AWAY RESERVE PIT, SHUT OFF  
 AIR DRLG SURVEY AT 5855' DRLG TO 6127'

REPORT DATE : 1/22/98 MD : 6.328 TVD : 0 DAYS : 8 MW : 8.4 VISC : 27  
 DAILY : DC : \$18.666 CC : \$0 TC : \$18.666 CUM : DC : \$191.008 CC : \$0 TC : \$191.008  
 DAILY DETAILS : DRLG TO 6328' DROP SURVEY , BLOW KELLY AND TRIP FOR BIT TRIP IN HOLE, KELLY UP  
 AND PUMP AWAY RESERVE PIT AT 3628' CLOSE ANNULAR PUMP THROUGH KILL LINE AT 250  
 PSI CLOSE KILL LINE , PUMP THROUGH KELLY TO LOWER RESERVE PIT TRIP IN HOLE.  
 CIRC TRIP GAS UP PUMP RESERVE PIT WATER AWAY

REPORT DATE : 1/23/98 MD : 6.600 TVD : 0 DAYS : 9 MW : 8.4 VISC : 27  
 DAILY : DC : \$13.753 CC : \$0 TC : \$13.753 CUM : DC : \$204.762 CC : \$0 TC : \$204.762  
 DAILY DETAILS : CIRC GAS UP AND PUMP RESERVE PIT AWAY DRLG TO 6554' RIG MAINTENANCE DRLG  
 TO 6600' SHORT TRIP (23 STANDS) CIRC ANS SPOT BRINE PILL DROP SURVEY, BLOW  
 KELLY TRIP OUT OF HOLE FOR LOGS (SLM)

REPORT DATE : 1/24/98 MD : 6.600 TVD : 0 DAYS : 10 MW : 8.4 VISC : 37  
 DAILY : DC : \$117.939 CC : \$0 TC : \$117.939 CUM : DC : \$322.700 CC : \$0 TC : \$322.700  
 DAILY DETAILS : DROP SURVEY BLOW KELLY. TRIP OUT FOR LOGS (SLM) RIG UP AND LOG WITH  
 SCHLUMBERGER. RIG DOWN TRIP IN HOLE, RIG UP T&M AND LAG DOWN DRILL PIPE BREAK  
 OUT KELLY RIG UP & RUN 134 JTS 4.5 11.6# PROD CSG W/ GEMECO FLOAT SHOE AND FLOAT  
 COLLAR. 1 STOP RING & I CENTRALIZER IN CENTER OF 1ST JT. RUN CENTRALIZERS ON EVERY  
 OTHER COLLAR FOR 26 CENTRALIZERS, 4 RUN @ 1600' -1900' OVER TRONA ZONE. TOTAL 30  
 CENT. TOTAL STRING 6120.30'. SET 5' ABOVE KB & 13" SUB - 18' CUTOFF JT 6115.30 KB & 6102.  
 30 GL. 14.98' MARKER JT RUN ON TOP OF JT #34 @ 4535.77'-4550' KB. FLOAT @ 6028.7'. FILL  
 CSG EVERY 1000'. CIRC AND COND HOLE W/PARTIAL RETURNS FOR 1/2 HR. RU DOWELL TO  
 CMT. PMP 10 BBLs. 40# GEL, 80 BBLs W/ I/M F-75N SURFACTANT. PMP 159 BBLs LEAD SLURRY  
 (335 SXS HI LIFT G) @ 12 PPG & YIELD 2.66 CU FT/SX. MIX & PMP 144 BBLs TAIL IN SLURRY (530  
 SXS SELF STRESS II, G) @ 14.5 PPG & YIELD OF 1.53 CU FT/SX. PMP @ 8 BPM. NOTE: HAD  
 SOME GAS CUT RETURNS WHILE MIXING CMT. LOST RETURNS ON DISPLACEMENT. DROP  
 PLUG, WASH OUT PMP & LINES & DISPLACE W/2% KCL WTR. BUMP PLUG TO 1540#. FLOATS  
 HELD. 1100# LIFT PRESSURE. PULL ROTATING HEAD & LOWER SLIPS & SET W/70,000#  
 TENSION. CUT OFF & NIPPLE DOWN. RELEASE RIG @ 0400 AM 1/24/98.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number  
**ML-22649**

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

7. Unit Agreement Name:  
**Natural Buttes Unit**

8. Well Name and Number:  
**CIGE .190-32-9-22**

9. API Well Number:  
**43-047-32912**

10. Field and Pool, or Wildcat  
**Natural Buttes Field**

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes

1. Type of Well: OIL  GAS  OTHER:

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

3. Address and Telephone Number.  
**P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476**

4. Location of Well  
Footages: **466' FNL & 93' FEL** County: **Uintah**  
QQ,Sec., T., R., M.: **NENE, Section 32-T9S-R22E** State: **Utah**

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

**NOTICE OF INTENT**  
(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon*                                      | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing                                 | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                               | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Convert to Injection                          | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize                     | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Completion operations</u> |   |

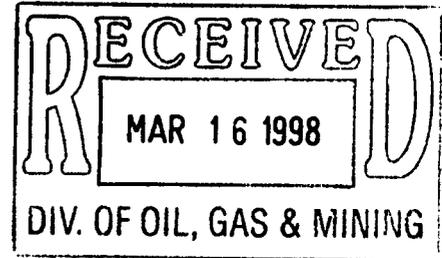
Date of work completion 2/17/98

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see attached chronological well history for work performed on the subject well.



13. Name & Signature Bonnie Carson Title Senior Environmental Analyst Date 3/13/98

(This space for State use only)

**PERC****WELL CHRONOLOGY REPORT**

<b>WELL NAME : CIGE #190</b>		DISTRICT : <u>DRLG</u>	
FIELD : <u>NATURAL BUTTES</u>		LOCATION :	
COUNTY & STATE : <u>UINTAH</u>		<u>UT</u>	CONTRACTOR : <u>COASTALDRIL</u>
WI% :	AFE# : <u>18759</u>	API# : <u>43-047-32912</u>	PLAN DEPTH :
DHC :	CWC :	AFE TOTAL :	SPUD DATE : <u>11/14/97</u>
			FORMATION :

REPORT DATE : 1/30/98 MD : 6.060 TVD : 0 DAYS : 11 MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$4.197 TC : \$4.197 CUM : DC : \$322.700 CC : \$4.197 TC : \$326.897  
 DAILY DETAILS : M.I. GENERAL WELL RIG #101. NO ANCHOR ON LOCATION. SDFN. ROCKY MOUNTAINS ANCHORS INSTALLED ANCHORS.

REPORT DATE : 1/31/98 MD : 6.060 TVD : 0 DAYS : 12 MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$3.834 TC : \$3.834 CUM : DC : \$322.700 CC : \$8.031 TC : \$330.731  
 DAILY DETAILS : RU RIG & EQUIP, PU & RIH W/ 3-3/4" MILL, CSG SCR & 2-3/8" TBG, TAG PBTD @ 6073', CIRC WELL W/ 120 BBL 3% KCL, POOH W/ 2-3/8" TBG, CSG SCR & 3-3/4" MILL, SIW. SDFN.

REPORT DATE : 2/1/98 MD : 6.060 TVD : 0 DAYS : 13 MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$7.073 TC : \$7.073 CUM : DC : \$322.700 CC : \$15.104 TC : \$337.804  
 DAILY DETAILS : RU SCHLUMBERGER WLS, RIH & RUN CBL/CCL/GR LOG F/6063' TO 1786' W/ 1000# ON CSG, GOOD BOND, TST 4-1/2" CSG TO 3000# OK, PMP'D 10 BBL TO FILL 8-5/8" - 4-1/2" ANNULUS & GOT 7 BPM @ 700# INJ RATE, RIH W/ 3-3/8", 2 SPF, 180 DEG. PHASING GUNS, 1 RUN, 5', 10 HOLES @ 4798', 4894', 4903', 5047', 5938, 0-PSI, RD WLS, RIH W/ NC 1 JT 2-3/8" TBG, XN NIPPLE & 2-3/8" TBG. EOT @ 4750', SWI. SDFN.

REPORT DATE : 2/2/98 MD : 6.060 TVD : 0 DAYS : VISC : 37  
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$322.700 CC : \$15.104 TC : \$337.804  
 DAILY DETAILS : SHUT DOWN.

REPORT DATE : 2/3/98 MD : 6.060 TVD : 0 DAYS : 14 MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$29.162 TC : \$29.162 CUM : DC : \$322.700 CC : \$44.266 TC : \$366.966  
 DAILY DETAILS : SICP - 450 PSI SITP - 50 PSI. BLOW WELL DN. RIH W/TBG. E.O.T. @ 6941'. RU DOWELL & SPOT 18 BBL 15% HCL ACID W/ADD ACROSS PERF F/ 4798' TO 5938'. RD DOWELL & LD 2-3/8" TBG. PU HANGER & BLAST JT & LAND W/148 JT 2-3/8" 4.7# J-55 E.O.T. @ 4872' XN, SN @ 4639'. ND BOPS & NU WH. RU DOWELL PT LINES 6600 PSI & SAFETY MEETING. BREAKDOWN PERF F/4798'-5938' W/12 BBL 15% HCL W/ADD & 18 BALL SEALERS 1390 INJ RATE. 2250 PSI @ 5 BPM, DISP W/32 BBL 3% KCL BALL OUT. ISIP-5100 PSI MP-5100 PSI @ 7 BPM A.P.-4600 PSI @ 7 BPM SURGE BALL INJ TEST 3700 PSI @ 6 BPM. TOTAL LOAD 78 BBL RD. DOWELL & RU FLOWLINE TO TANK. OPEN WELL UP ON 48/64 CH. W/800 PSI FLOWED 3 HRS REC. 85 BBL, RD & MO PU SDFD @ 4:00 PM. LEAVE WELL FLOWING 18/64 CH, FTP-100 PSI SICP-500 PSI. BBL FLUID PUMPED: 76, BBL FLUID REC: 85, BBL LEFT TO RECOVER: -9. END OF TBG DEPTH: 4672, SN SETTING DEPTH: 4639, WELLBORE SCHEM: YES

REPORT DATE : 2/4/98 MD : 6.060 TVD : 0 DAYS : 15 MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$322.700 CC : \$44.266 TC : \$366.966  
 DAILY DETAILS : PREP TO FRAC

**PERC****WELL CHRONOLOGY REPORT**

REPORT DATE : 2/5/98 MD : 6.060 TVD : 0 DAYS : 16 MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$65.490 TC : \$65.490 CUM : DC : \$322.700 CC : \$109.756 TC : \$432.456

DAILY DETAILS : MI & RU DOWELL FRAC EQ. HOLD SAFETY MEETING. PT LINES TO 8000 PSI. FRAC WASATCH PERFS 4798' - 5948', 130 GAL YF-120 LGM + 145,900# 20/40 SAND RAMPED 2 PPG TO 6 PPG & 20, 540# 20/40 RESIN COATED SAND @ 6 PPG. AVG INJ RATE 27 BPM @ 4800 PSI, MAX PRESS 6000 PSI, ISIP 1700 PSI, 6 MIN 1700 PSI, 10 MIN 1684 PSI, 15 MIN 1666 PSI, 30 MIN 1634 PSI. RDMO DOWELL. START FLOW BACK ON 10/64" CHOKE. BBLs FLUID PUMPED: 1316, BBLs LTR 1316. EOT DEPTH: 4672, SN SETTING DEPTH: 4639.

## FLOW BACK REPORT

TIME.....CP....TP....CI....WTR....SD....  
 11:00A...1750...1625...10....-...-...OPEN TO TK  
 12:00A...1700...1650...12...38...H...GREEN SAND  
 1:00P...1500...1225...13...50...H...GREEN SAND  
 2:00P...1350...1000...16...38...M...GREEN  
 3:00P...800...550...18...50...M...  
 4:00P...600...10...18...45...M...  
 5:00P...600...0...18...11...M...FRAC BAD CHOKE  
 6:00P...700...0...18...-...-...SI BUILD PRESS.  
 7:00P...700...0...18...-...-...  
 8:00P...700...0...18...-...-...  
 9:00P...700...0...18...-...-...  
 10:00P...675...0...18...-...-...  
 11:00P...675...50...18...-...-...  
 12:00A...650...50...18...-...-...OPEN TO TK DEAD  
 1:00A...650...50...18...-...-...SANDED OFF EVERYTHING WITH SAND.  
 6:00A...600...250...18...-...-...  
 GAS RATE: 200 MCFD, TOTAL WTR: 232 BBLs, TOTAL LTR 1084 BBLs.

REPORT DATE : 2/6/98 MD : 6.060 TVD : 0 DAYS : 17 MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$4.044 TC : \$4.044 CUM : DC : \$322.700 CC : \$113.800 TC : \$436.500

DAILY DETAILS : ROAD RIG/NBU #147 TO CIGE #190. MI & RU P/U SICP-500 PSI. FTP-350 PSI. CLEAN OUT FLOWLINE & TANK PLUG W/SD. FLOW WELL F/1 HR DEAD. REVERSE CIRC HOLE W/120 BBL 3% KCL. REC GEL WTR & SD, ND, W.H. & NU BOPS, RU FLOOR & TBG EQUIP. PU & LD HANGER & BLAST JT. TALLEY & PU R.I.H. W/ 2-3/8" TBG. TAG SD @ 5386', PU TO 5376'. REVERSE CIRC OUT GEL WTR & SD W/120 BBL 3% KCL. LOST 30 BBL WHILE CIRC. POOH 12 STD TBG F/ABOVE PERF. E.O.T. @ 4822' DRAIN PUMP & LINES SWIFN @ 5:30 P.M. BBLs FLUID PUMPED: 240, BBLs FLUID REC: 180, BBLs LEFT TO REC: 60.

REPORT DATE : 2/7/98 MD : 6.060 TVD : 0 DAYS : 18 MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$6.038 TC : \$6.038 CUM : DC : \$322.700 CC : \$119.838 TC : \$442.538

DAILY DETAILS : SITP 100 PSI, SICP 100 PSI, BLOW DOWN RIH W/ 12 STDS, PU SWIVEL BREAK CIRC, CLEAN SAND F/5380 TO 6064 PBD. CIRC HOLE CLEAN LD SWIVEL LD 6 JTS, LAND TBG W/ NC 1 JT PSN 187 JTS 2-3/8" TBG & HANGER @ E.O.T. 5917' PSN @ 5885', RIG DOWN FLOOR ND BOPS NU WELL HEAD. LEFT TBG OPEN TO PIT TANK W/CASING SHUT IN 0 PSI. BBLs FLUID PUMPED LOST 150, BBLs FLUID REC: 0, BBLs LEFT TO REC: 150. END OF TBG DEPTH: 6886, SN SETTING DEPTH: 5919. WELLBORE SCHEM: YES.

## FLOW BACK REPORT

TIME.....CP....TP....CI....WTR....SD....  
 9:00P...250...125...18...-...-...  
 1:00A...750...1050...18...74...L...  
 4:00A...1000...1275...18...25...L...  
 6:00A...1250...1290...18...23...L...  
 GAS RATE: 850 MCFD, TOTAL WTR: 122 BBLs, TOTAL LOAD TO REC: 1245 BBLs.

REPORT DATE : 2/8/98 MD : 6.060 TVD : 0 DAYS : 19 MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$4.600 TC : \$4.600 CUM : DC : \$322.700 CC : \$124.438 TC : \$447.138

DAILY DETAILS : RIG DOWN TWS MOVE TO SIDE OF LOCATION. RELEASE RIG. END OFF TUBING DEPTH: 5885, SN SETTING DEPTH: 5919, WELLBORE SCHEM- YESTERDAY. FLWG 1061 MCF, 23 BW, FTP 1675#, CP 1925#, 12/64" CK, 24 HRS, LLTR 1344 BBLs.

**PERC****WELL CHRONOLOGY REPORT**

REPORT DATE : 2/9/98 MD : 6.060 TVD : 0 DAYS : 20 MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$322.700 CC : \$124.438 TC : \$447.138  
 DAILY DETAILS : FLWG 1496 MCF, 27 BW, FTP 1650#, CP 1900#, 12/64" CK, LLTR 1317 BBLS.

REPORT DATE : 2/10/98 MD : 6.060 TVD : 0 DAYS : 21 MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$322.700 CC : \$124.438 TC : \$447.138  
 DAILY DETAILS : FLWG 1479 MCF, 15 BW, FTP 1625#, CP 1840#, 14/64" CK, LLTR 1312 BBLS.

REPORT DATE : 2/11/98 MD : 6.060 TVD : 0 DAYS : 22 MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$322.700 CC : \$124.438 TC : \$447.138  
 DAILY DETAILS : FLWG 1581 MCF, 15 BW, FTP 1570#, CP 1820#, 15/64" CK, 24 HRS, LLTR 1297 BBLS.

REPORT DATE : 2/12/98 MD : 6.060 TVD : 0 DAYS : 23 MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$322.700 CC : \$124.438 TC : \$447.138  
 DAILY DETAILS : FLWG 1644 MCF, 15 BW, FTP 1670#, CP 1820#, 15/64" CK, 24 HRS, LLTR 1282 BBLS.

REPORT DATE : 2/13/98 MD : 6.060 TVD : 0 DAYS : 24 MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$322.700 CC : \$124.438 TC : \$447.138  
 DAILY DETAILS : FLWG 1801 MCF, 15 BW, FTP 1325#, CP 1600#, 20/64" CK, LLTR 1267 BBLS (DN 2 HRS FOR LATERAL TIE-IN)

REPORT DATE : 2/14/98 MD : 6.060 TVD : 0 DAYS : 25 MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$322.700 CC : \$124.438 TC : \$447.138  
 DAILY DETAILS : FLWG 2155 MCF, 12 BW, FTP 1350#, CP 1550#, 20/64" CK, LLTR 1255 BBLS (DN 2 HRS - HOOK UP 2ND SEP)

REPORT DATE : 2/15/98 MD : 6.060 TVD : 0 DAYS : 26 MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$322.700 CC : \$124.438 TC : \$447.138  
 DAILY DETAILS : FLWG 3144 MCF, 25 BW, FTP 800#, CP 1775#, 20-25/64" CK, 24 HRS, LLTR 1230 BBLS.

REPORT DATE : 2/16/98 MD : 6.060 TVD : 0 DAYS : 27 MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$322.700 CC : \$124.438 TC : \$447.138  
 DAILY DETAILS : FLWG 2916 MCF, 3 BC, 13 BW, FTP 700#, CP 1175#, 25-30/64" CK, 24 HRS, LLTR 1217 BBLS.

REPORT DATE : 2/17/98 MD : 6.060 TVD : 0 DAYS : 28 MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$322.700 CC : \$124.438 TC : \$447.138  
 DAILY DETAILS : FLWG 2700 MCF, 3 BC, 12 BW, FTP 650#, CP 800#, 30/64" CK, 24 HRS, LLTR 1205 BBLS. IP DATE:  
 2/15/98 - FLWG 3144 MCF, 25 BW, FTP 800#, CP 1775#, 20-25/64" CK, - FINAL REPORT -

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number  
**ML-22649**

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

7. Unit Agreement Name:  
**Natural Buttes Unit**

8. Well Name and Number:  
**CIGE 190-32-9-22**

9. API Well Number:  
**43-047-32912**

10. Field and Pool, or Wildcat  
**Natural Buttes Field**

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes

1. Type of Well: OIL  GAS  OTHER:

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

3. Address and Telephone Number.  
**P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455**

4. Location of Well  
Footages: **466' FNL & 93' FEL** County: **Uintah**  
QQ,Sec., T., R., M.: **NENE, Section 32-T9S-R22E** State: **Utah**

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

**NOTICE OF INTENT**  
(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon*  | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing                                     | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                                   | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Convert to Injection                              | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize                         | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Cmt 4-1/2" Casing Annulus</u> |   |

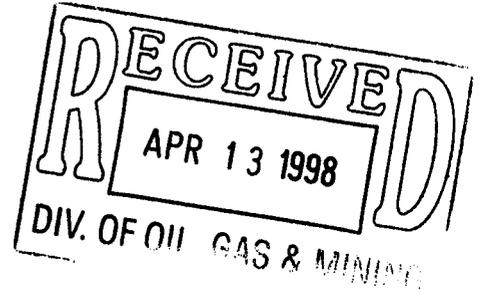
Date of work completion 2/20/98

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see attached chronological well history for work performed on the subject well.



13. Name & Signature *Sheila Bremer* Title Environmental and Safety Analyst Date 4/7/98

(This space for State use only)

**THE COASTAL CORPORATION  
PRODUCTION REPORT**

**CHRONOLOGICAL HISTORY**

CIGE #190  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
WI: 100%

Page 1

**Cmt 4-1/2" Casing Annulus**

2/20/98      **Well on Prod.** MIRU Dowell to 4-1/2" csg annulus f/top dn job. Pmp 20 bbls LCM pill.  
Lead w/65 sxs Class "G" w/add wt 11.5 yd 3.16. Flush w/1 BW. ISIP 32 psi, MP 112 psi @  
2.1 BPM, AP 40 psi @ 2.1 BPM. Wash up & RD Dowell. **Final Report.**  
DC: \$8,249

TC: \$8,249

DIVISION OF OIL, GAS AND MINING

**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 OF OPERATOR  
**P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
 At surface  
**466' FNL & 93' FEL**  
 At top prod. interval reported below  
**Same as above**  
 At total depth  
**Same as above**

14. API NO. **43-047-32912** DATE ISSUED **7/24/97**

5. LEASE DESIGNATION AND SERIAL NO.  
**ML-22649**  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**N/A**  
 7. UNIT AGREEMENT NAME  
**Natural Buttes Unit**  
 8. FARM OR LEASE NAME  
**CIGE**  
 9. WELL NO.  
**#190-32-9-22**  
 10. FIELD AND POOL, OR WILDCAT  
**Natural Buttes Field**  
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**NENE Section 32, T9S-R22E**  
 12. COUNTY  
**Uintah**  
 13. STATE  
**Utah**

15. DATE SPUNDED **11/13/97** 16. DATE T.D. REACHED **1/30/98** 17. DATE COMPL. (Ready to prod. or Plug & Abd.) **2/7/98** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) **4901'** 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD **6600'** 21. PLUG, BACK T.D., MD & TVD **6063'** 22. IF MULTIPLE COMPL., HOW MANY  
 23. INTERVALS DRILLED BY **ROTARY TOOLS YES** CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)  
**4798' - 5938' Wasatch**  
 25. WAS DIRECTIONAL SURVEY MADE  
**Single Shot**

26. TYPE ELECTRIC AND OTHER LOGS RUN  
**HALS/LDT/CNL/GR/CAL; CBL/CCL/GR 1-30-98**  
 27. Was Well Cored YES  NO  (Submit analysis)  
 Drill System Test YES  NO  (See reverse side)

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8" J-55	24#	253'	11"	See chrono 11/15/97	4 bbls.
4 1/2"	11.6#	6115'	7 7/8"	See chrono 1/24/98	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	5885'	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	5885'	

31. PERFORATION RECORD (Interval, size and number)  
**3 3/8" Gun, 2 SPF: 4798', 4894', 4903', 5047', 5938' - 10 Holes**

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4798' - 5938'	See chrono 2/3/98, 2/5/98

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)	WELL STATUS (Producing or shut-in)
2/5/98	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS - OIL RATIO
2/15/98	24	20-25/64			3144	25	

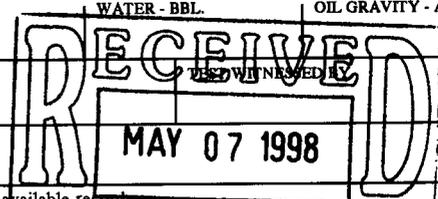
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)
800	1775					

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

35. LIST OF ATTACHMENTS  
**Chronological History**

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

SIGNED Bonnie Carson TITLE Senior Environmental Analyst DATE 5/7/98



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 attachment. 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 for any multiple stage cementing and the location of 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).	Formation	Top	Bottom	Description, contents, etc.	38. GEOLOGIC MARKERS	Name	Meas. Depth	Top	True Vert. Depth
						Wasatch	4454 (+463)		

**PERC****WELL CHRONOLOGY REPORT**

<b>WELL NAME : CIGE #190</b>		DISTRICT : <u>DRLG</u>
FIELD : <u>NATURAL BUTTES</u>		LOCATION :
COUNTY & STATE : <u>UINTAH</u>	<u>UT</u>	CONTRACTOR : <u>COASTALDRIL</u>
WI% : <u>AFE# : 18759</u>	API# : <u>43-047-32912</u>	PLAN DEPTH : <u>SPUD DATE : 11/14/97</u>
DHC : <u>CWC :</u>	AFE TOTAL :	FORMATION :

REPORT DATE : 11/15/97 MD : 251 TVD : 0 DAYS : 0 MW : VISC :  
 DAILY : DC : \$26,278 CC : \$0 TC : \$26,278 CUM : DC : \$26,278 CC : \$0 TC : \$26,278

DAILY DETAILS : 11/13/97 MI & RU BILL MARTIN DRILLING. DRILLED 253' 11" HOLE 11/14/97 RAN 6 JTS 8 5/8" 24# J-55 W/HOWCO SHOE = 253.3 CMT W/HALLIBURTON PUMPED 20 BBLS GEL WATER AHEAD OF 100 SK PREM AC W/2% CACL2 WT 15.6 YIELD 1.18. DROP PLUG & DISP W/13.5 BBLS WATER +/- 4 BBLS CMT T/SURFACE HOLE IS FULL NOTIFIED ED FORSMAN BLM NOT WITNESSED SPUD 9:30 AM 11-14-97

REPORT DATE : 1/13/98 MD : 251 TVD : 0 DAYS : VISC :  
 DAILY : DC : \$10,548 CC : \$0 TC : \$10,548 CUM : DC : \$36,826 CC : \$0 TC : \$36,826

DAILY DETAILS : RIG DOWN - PREPARE RIG FOR MOVE TO NEW LOCATION

REPORT DATE : 1/14/98 MD : 351 TVD : 0 DAYS : VISC :  
 DAILY : DC : \$9,917 CC : \$0 TC : \$9,917 CUM : DC : \$46,742 CC : \$0 TC : \$46,742

DAILY DETAILS : RD ON NBU 242 MOVE RIG TO CIGE 190 RIG PIECES ON LOCATION SET SUB STRUCTURE "A" FRAME AND PIH DERRICK READY TO STAND UP AT DAY LIGHT ROADS VERY SLICK DUE TO NEW SNOW AND WARM TEMPERATURES VERY MUDDY

REPORT DATE : 1/15/98 MD : 251 TVD : 0 DAYS : 1 MW : 8.3 VISC : 27  
 DAILY : DC : \$17,372 CC : \$0 TC : \$17,372 CUM : DC : \$64,115 CC : \$0 TC : \$64,115

DAILY DETAILS : RIG UP TEST BOPE TO 3000 PSI RIG UP AND START AIR PACKAGE PICK UP BHA AND TAG CMT AT 190' INSTALL ROTATING HEAD AND PICKING UP KELLY CONTACTED ED FORSMAN - BLM AND DENNIS INGRAM - STATE OF UTAH FOR BOP TEST - NOT WITNESSED

REPORT DATE : 1/16/98 MD : 1,354 TVD : 0 DAYS : 2 MW : 8.3 VISC : 27  
 DAILY : DC : \$44,737 CC : \$0 TC : \$44,737 CUM : DC : \$108,852 CC : \$0 TC : \$108,852

DAILY DETAILS : PICK UP BHA AND TAG CEMENT AT 190' - PICK UP ROTATING HEAD DRLG CMT TO 263' DRLG TO 588' SURVEY AT 544' RIG MAINTENANCE DRLG TO 1070' SURVEY AT 1277' DRLG TO 1321' SURVEY AT 1277' DRLG TO 1354'

REPORT DATE : 1/17/98 MD : 2,549 TVD : 0 DAYS : 3 MW : 8.3 VISC : 27  
 DAILY : DC : \$9,917 CC : \$0 TC : \$9,917 CUM : DC : \$118,768 CC : \$0 TC : \$118,768

DAILY DETAILS : RIG MAINTENANCE DRLG TO 1789' RIG MAINTENANCE SURVEY AT 1745' DRLG TO 2286' SURVEYS DRLG TO 2349'

REPORT DATE : 1/18/98 MD : 3,686 TVD : 0 DAYS : 4 MW : 8.4 VISC : 27  
 DAILY : DC : \$16,504 CC : \$0 TC : \$16,504 CUM : DC : \$135,273 CC : \$0 TC : \$135,273

DAILY DETAILS : DRLG 2783' RIG MAINTENANCE SURVEY DRLG 3686' DRILLING

**PERC****WELL CHRONOLOGY REPORT**

REPORT DATE : 1/19/98 MD : 4.195 TVD : 0 DAYS : 5 MW : 8.4 VISC : 27  
 DAILY : DC : \$10,799 CC : \$0 TC : \$10,799 CUM : DC : \$146,071 CC : \$0 TC : \$146,071  
 DAILY DETAILS : DRLG TO 3782' SURVEY AT 3738' - SURVEY LINE BROKE RIG SERVICE - FUNCTION TEST  
 BOPS DRLG TO 4195'  
 DRLG BRK 4118'-4134'

REPORT DATE : 1/20/98 MD : 4.800 TVD : 0 DAYS : 6 MW : 8.4 VISC : 27  
 DAILY : DC : \$12,174 CC : \$0 TC : \$12,174 CUM : DC : \$158,245 CC : \$0 TC : \$158,245  
 DAILY DETAILS : DRLG TO 4587' POOH RIG MAINTENANCE REPAIR BROKEN CHAIN TRIP IN HOLE  
 WASH TO BOTTOM 30' DRLG TO 4800'

REPORT DATE : 1/21/98 MD : 6.127 TVD : 0 DAYS : 7 MW : 8.4 VISC : 27  
 DAILY : DC : \$14,098 CC : \$0 TC : \$14,098 CUM : DC : \$172,343 CC : \$0 TC : \$172,343  
 DAILY DETAILS : SURVEY AT 4791' 1.25 DRLG 5245' RIG SERVICE AND FUNCTION TEST BOPS DRLG TO  
 5400' SURVEY AT 5356' DRLG TO 5463' KILL FLOW PUMP AWAY RESERVE PIT, SHUT OFF  
 AIR DRLG SURVEY AT 5855' DRLG TO 6127'

REPORT DATE : 1/22/98 MD : 6.328 TVD : 0 DAYS : 8 MW : 8.4 VISC : 27  
 DAILY : DC : \$18,666 CC : \$0 TC : \$18,666 CUM : DC : \$191,008 CC : \$0 TC : \$191,008  
 DAILY DETAILS : DRLG TO 6328' DROP SURVEY , BLOW KELLY AND TRIP FOR BIT TRIP IN HOLE, KELLY UP  
 AND PUMP AWAY RESERVE PIT AT 3628' CLOSE ANNULAR PUMP THROUGH KILL LINE AT 250  
 PSI CLOSE KILL LINE , PUMP THROUGH KELLY TO LOWER RESERVE PIT TRIP IN HOLE.  
 CIRC TRIP GAS UP. PUMP RESERVE PIT WATER AWAY

REPORT DATE : 1/23/98 MD : 6.600 TVD : 0 DAYS : 9 MW : 8.4 VISC : 27  
 DAILY : DC : \$13,753 CC : \$0 TC : \$13,753 CUM : DC : \$204,762 CC : \$0 TC : \$204,762  
 DAILY DETAILS : CIRC GAS UP AND PUMP RESERVE PIT AWAY DRLG TO 6554' RIG MAINTENANCE DRLG  
 TO 6600' SHORT TRIP (23 STANDS) CIRC ANS SPOT BRINE PILL DROP SURVEY, BLOW  
 KELLY TRIP OUT OF HOLE FOR LOGS (SLM)

REPORT DATE : 1/24/98 MD : 6.600 TVD : 0 DAYS : 10 MW : 8.4 VISC : 37  
 DAILY : DC : \$117,939 CC : \$0 TC : \$117,939 CUM : DC : \$322,700 CC : \$0 TC : \$322,700  
 DAILY DETAILS : DROP SURVEY BLOW KELLY. TRIP OUT FOR LOGS (SLM) RIG UP AND LOG WITH  
 SCHLUMBERGER. RIG DOWN TRIP IN HOLE, RIG UP T&M AND LAY DOWN DRILL PIPE BREAK  
 OUT KELLY RIG UP & RUN 134 JTS 4.5 11.6# PROD CSG W/ GEMECO FLOAT SHOE AND FLOAT  
 COLLAR. 1 STOP RING & I CENTRALIZER IN CENTER OF 1ST JT. RUN CENTRALIZERS ON EVERY  
 OTHER COLLAR FOR 26 CENTRALIZERS, 4 RUN @ 1600' -1900' OVER TRONA ZONE. TOTAL 30  
 CENT. TOTAL STRING 6120.30'. SET 5' ABOVE KB & 13" SUB - 18' CUTOFF JT 6115.30 KB & 6102.  
 30 GL. 14.98' MARKER JT RUN ON TOP OF JT #34 @ 4535.77'-4550' KB. FLOAT @ 6028.7'. FILL  
 CSG EVERY 1000'. CIRC AND COND HOLE W/PARTIAL RETURNS FOR 1/2 HR. RU DOWELL TO  
 CMT. PMP 10 BBLs. 40# GEL, 80 BBLs W/ I/M F-75N SURFACTANT. PMP 159 BBLs LEAD SLURRY  
 (335 SXS HI LIFT G) @ 12 PPG & YIELD 2.66 CU FT/SX. MIX & PMP 144 BBLs TAIL IN SLURRY (530  
 SXS SELF STRESS II, G) @ 14.5 PPG & YIELD OF 1.53 CU FT/SX. PMP @ 8 BPM. NOTE: HAD  
 SOME GAS CUT RETURNS WHILE MIXING CMT, LOST RETURNS ON DISPLACEMENT. DROP  
 PLUG, WASH OUT PMP & LINES & DISPLACE W/2% KCL WTR. BUMP PLUG TO 1540#. FLOATS  
 HELD. 1100# LIFT PRESSURE. PULL ROTATING HEAD & LOWER SLIPS & SET W/70,000#  
 TENSION. CUT OFF & NIPPLE DOWN. RELEASE RIG @ 0400 AM 1/24/98.

**PERC****WELL CHRONOLOGY REPORT**

REPORT DATE : 1/25/98 MD : 6.115 TVD : DAYS : MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$322,700 CC : \$0 TC : \$322,700  
 DAILY DETAILS : 1/25/98-1/29/98 WAITING ON COMPLETION.

REPORT DATE : 1/30/98 MD : 6.115 TVD : 0 DAYS : 11 MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$4,197 TC : \$4,197 CUM : DC : \$322,700 CC : \$4,197 TC : \$326,897  
 DAILY DETAILS : M.I. GENERAL WELL RIG #101. NO ANCHOR ON LOCATION. SDFN. ROCKY MOUNTAINS ANCHORS INSTALLED ANCHORS.

REPORT DATE : 1/31/98 MD : 6.115 TVD : 0 DAYS : 12 MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$3,834 TC : \$3,834 CUM : DC : \$322,700 CC : \$8,031 TC : \$330,731  
 DAILY DETAILS : RU RIG & EQUIP, PU & RIH W/ 3-3/4" MILL, CSG SCR & 2-3/8" TBG, TAG PBD @ 6063', CIRC WELL W/ 120 BBL 3% KCL, POOH W/ 2-3/8" TBG, CSG SCR & 3-3/4" MILL, SIW. SDFN.

REPORT DATE : 2/1/98 MD : 6.063 TVD : 0 DAYS : 13 MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$7,073 TC : \$7,073 CUM : DC : \$322,700 CC : \$15,104 TC : \$337,804  
 DAILY DETAILS : RU SCHLUMBERGER WLS, RIH & RUN CBL/CCL/GR LOG F/6063' TO 1786' W/ 1000# ON CSG, GOOD BOND, TST 4-1/2" CSG TO 3000# OK, PMP'D 10 BBL TO FILL 8-5/8" - 4-1/2" ANNULUS & GOT 7 BPM @ 700# INJ RATE, RIH W/ 3-3/8", 2 SPF, 180 DEG. PHASING GUNS, 1 RUN, 5', 10 HOLES @ 4798', 4894', 4903', 5047', 5938, 0-PSI, RD WLS, RIH W/ NC 1 JT 2-3/8" TBG, XN NIPPLE & 2-3/8" TBG. EOT @ 4750', SWI. SDFN.

REPORT DATE : 2/2/98 MD : 6.063 TVD : 0 DAYS : MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$322,700 CC : \$15,104 TC : \$337,804  
 DAILY DETAILS : SHUT DOWN.

REPORT DATE : 2/3/98 MD : 6.063 TVD : 0 DAYS : 14 MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$29,162 TC : \$29,162 CUM : DC : \$322,700 CC : \$44,266 TC : \$366,966  
 DAILY DETAILS : SICP - 450 PSI SITP - 50 PSI. BLOW WELL DN. RIH W/TBG. E.O.T. @ 6941'. RU DOWELL & SPOT 18 BBL 15% HCL ACID W/ADD ACROSS PERF F/ 4798' TO 5938'. RD DOWELL & LD 2-3/8" TBG. PU HANGER & BLAST JT & LAND W/148 JT 2-3/8" 4.7# J-55 E.O.T. @ 4872' XN, SN @ 4639'. ND BOPS & NU WH. RU DOWELL PT LINES 6600 PSI & SAFETY MEETING. BREAKDOWN PERF F/4798'-5938' W/12 BBL 15% HCL W/ADD & 18 BALL SEALERS 1390 INJ RATE. 2250 PSI @ 5 BPM, DISP W/32 BBL 3% KCL BALL OUT. ISIP-5100 PSI MP-5100 PSI @ 7 BPM A.P.-4600 PSI @ 7 BPM SURGE BALL INJ TEST 3700 PSI @ 6 BPM. TOTAL LOAD 78 BBL RD. DOWELL & RU FLOWLINE TO TANK. OPEN WELL UP ON 48/64 CH. W/800 PSI FLOWED 3 HRS REC. 85 BBL, RD & MO PU SDFD @ 4:00 PM. LEAVE WELL FLOWING 18/64 CH, FTP-100 PSI SICP-500 PSI. BBL FLUID PUMPED: 76, BBL FLUID REC: 85, BBL LEFT TO RECOVER: -9. END OF TBG DEPTH: 4672, SN SETTING DEPTH: 4639, WELLBORE SCHEM: YES

REPORT DATE : 2/4/98 MD : 6.063 TVD : 0 DAYS : 15 MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$322,700 CC : \$44,266 TC : \$366,966  
 DAILY DETAILS : PREP TO FRAC

**PERC****WELL CHRONOLOGY REPORT**

REPORT DATE : 2/5/98 MD : 6.063 TVD : 0 DAYS : 16 MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$65,490 TC : \$65,490 CUM : DC : \$322,700 CC : \$109,756 TC : \$432,456

DAILY DETAILS : MI & RU DOWELL FRAC EQ. HOLD SAFETY MEETING. PT LINES TO 8000 PSI. FRAC WASATCH PERFS 4798' - 5938', 130 GAL YF-120 LGM + 145,900# 20/40 SAND RAMPED 2 PPG TO 6 PPG & 20, 540# 20/40 RESIN COATED SAND @ 6 PPG. AVG INJ RATE 27 BPM @ 4800 PSI, MAX PRESS 6000 PSI, ISIP 1700 PSI, 6 MIN 1700 PSI, 10 MIN 1684 PSI, 15 MIN 1666 PSI, 30 MIN 1634 PSI. RDMO DOWELL. START FLOW BACK ON 10/64" CHOKE. BBLs FLUID PUMPED: 1316, BBLs LTR 1316. EOT DEPTH: 4672, SN SETTING DEPTH: 4639.

## FLOW BACK REPORT

TIME	CP	TP	CI	WTR	SD	
11:00A	1750	1625	10			OPEN TO TK
12:00A	1700	1650	12	38	H	GREEN SAND
1:00P	1500	1225	13	50	H	GREEN SAND
2:00P	1350	1000	16	38	M	GREEN
3:00P	800	550	18	50	M	
4:00P	600	10	18	45	M	
5:00P	600	0	18	11	M	FRAC BAD CHOKE
6:00P	700	0	18			SI BUILD PRESS.
7:00P	700	0	18			
8:00P	700	0	18			
9:00P	700	0	18			
10:00P	675	0	18			
11:00P	675	50	18			
12:00A	650	50	18			OPEN TO TK DEAD
1:00A	650	50	18			SANDED OFF EVERYTHING WITH SAND.
6:00A	600	250	18			

GAS RATE: 200 MCFD, TOTAL WTR: 232 BBLs, TOTAL LTR 1084 BBLs.

REPORT DATE : 2/6/98 MD : 6.063 TVD : 0 DAYS : 17 MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$4,044 TC : \$4,044 CUM : DC : \$322,700 CC : \$113,800 TC : \$436,500

DAILY DETAILS : ROAD RIG/NBU #147 TO CIGE #190. MI & RU P/U SICP-500 PSI. FTP-350 PSI. CLEAN OUT FLOWLINE & TANK PLUG W/SD. FLOW WELL F/1 HR DEAD. REVERSE CIRC HOLE W/120 BBL 3% KCL. REC GEL WTR & SD, ND, W.H. & NU BOPS, RU FLOOR & TBG EQUIP. PU & LD HANGER & BLAST JT. TALLEY & PU R.I.H. W/ 2-3/8" TBG. TAG SD @ 5386', PU TO 5376'. REVERSE CIRC OUT GEL WTR & SD W/120 BBL 3% KCL. LOST 30 BBL WHILE CIRC. POOH 12 STD TBG F/ABOVE PERF. E.O.T. @ 4822' DRAIN PUMP & LINES SWIFN @ 5:30 P.M. BBLs FLUID PUMPED: 240, BBLs FLUID REC: 180, BBLs LEFT TO REC: 60.

REPORT DATE : 2/7/98 MD : 6.063 TVD : 0 DAYS : 18 MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$6,038 TC : \$6,038 CUM : DC : \$322,700 CC : \$119,838 TC : \$442,538

DAILY DETAILS : SITP 100 PSI, SICP 100 PSI, BLOW DOWN RIH W/ 12 STDS, PU SWIVEL BREAK CIRC, CLEAN SAND F/5380 TO 6063 PBD. CIRC HOLE CLEAN LD SWIVEL LD 6 JTS, LAND TBG W/ NC 1 JT PSN 187 JTS 2-3/8" TBG & HANGER @ E.O.T. 5917' PSN @ 5885', RIG DOWN FLOOR ND BOPS NU WELL HEAD. LEFT TBG OPEN TO PIT TANK W/CASING SHUT IN 0 PSI. BBLs FLUID PUMPED LOST 150, BBLs FLUID REC: 0, BBLs LEFT TO REC: 150. END OF TBG DEPTH: 6886, SN SETTING DEPTH: 5919. WELLBORE SCHEM: YES.

## FLOW BACK REPORT

TIME	CP	TP	CI	WTR	SD	
9:00P	250	125	18			
1:00A	750	1050	18	74	L	
4:00A	1000	1275	18	25	L	
6:00A	1250	1290	18	23	L	

GAS RATE: 850 MCFD, TOTAL WTR: 122 BBLs, TOTAL LOAD TO REC: 1245 BBLs.

REPORT DATE : 2/8/98 MD : 6.063 TVD : 0 DAYS : 19 MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$4,600 TC : \$4,600 CUM : DC : \$322,700 CC : \$124,438 TC : \$447,138

DAILY DETAILS : RIG DOWN TWS MOVE TO SIDE OF LOCATION. RELEASE RIG. END OFF TUBING DEPTH: 5885, SN SETTING DEPTH: 5919, WELLBORE SCHEM- YESTERDAY. FLWG 1061 MCF, 23 BW, FTP 1675#, CP 1925#, 12/64" CK, 24 HRS, LLTR 1344 BBLs.

**PERC****WELL CHRONOLOGY REPORT**

REPORT DATE : 2/9/98 MD : 6.063 TVD : 0 DAYS : 20 MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$322,700 CC : \$124,438 TC : \$447,138  
 DAILY DETAILS : FLWG 1496 MCF, 27 BW, FTP 1650#, CP 1900#, 12/64" CK, LLTR 1317 BBLs.

REPORT DATE : 2/10/98 MD : 6.063 TVD : 0 DAYS : 21 MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$322,700 CC : \$124,438 TC : \$447,138  
 DAILY DETAILS : FLWG 1479 MCF, 15 BW, FTP 1625#, CP 1840#, 14/64" CK, LLTR 1312 BBLs.

REPORT DATE : 2/11/98 MD : 6.063 TVD : 0 DAYS : 22 MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$322,700 CC : \$124,438 TC : \$447,138  
 DAILY DETAILS : FLWG 1581 MCF, 15 BW, FTP 1570#, CP 1820#, 15/64" CK, 24 HRS, LLTR 1297 BBLs.

REPORT DATE : 2/12/98 MD : 6.063 TVD : 0 DAYS : 23 MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$322,700 CC : \$124,438 TC : \$447,138  
 DAILY DETAILS : FLWG 1644 MCF, 15 BW, FTP 1670#, CP 1820#, 15/64" CK, 24 HRS, LLTR 1282 BBLs.

REPORT DATE : 2/13/98 MD : 6.063 TVD : 0 DAYS : 24 MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$322,700 CC : \$124,438 TC : \$447,138  
 DAILY DETAILS : FLWG 1801 MCF, 15 BW, FTP 1325#, CP 1600#, 20/64" CK, LLTR 1267 BBLs (DN 2 HRS FOR LATERAL TIE-IN)

REPORT DATE : 2/14/98 MD : 6.063 TVD : 0 DAYS : 25 MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$322,700 CC : \$124,438 TC : \$447,138  
 DAILY DETAILS : FLWG 2155 MCF, 12 BW, FTP 1350#, CP 1550#, 20/64" CK, LLTR 1255 BBLs (DN 2 HRS - HOOK UP 2ND SEP)

REPORT DATE : 2/15/98 MD : 6.063 TVD : 0 DAYS : 26 MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$322,700 CC : \$124,438 TC : \$447,138  
 DAILY DETAILS : FLWG 3144 MCF, 25 BW, FTP 800#, CP 1775#, 20-25/64" CK, 24 HRS, LLTR 1230 BBLs.

REPORT DATE : 2/16/98 MD : 6.063 TVD : 0 DAYS : 27 MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$322,700 CC : \$124,438 TC : \$447,138  
 DAILY DETAILS : FLWG 2916 MCF, 3 BC, 13 BW, FTP 700#, CP 1175#, 25-30/64" CK, 24 HRS, LLTR 1217 BBLs.

REPORT DATE : 2/17/98 MD : 6.063 TVD : 0 DAYS : 28 MW : 8.4 VISC : 37  
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$322,700 CC : \$124,438 TC : \$447,138  
 DAILY DETAILS : FLWG 2700 MCF, 3 BC, 12 BW, FTP 650#, CP 800#, 30/64" CK, 24 HRS, LLTR 1205 BBLs. IP DATE: 2/15/98 - FLWG 3144 MCF, 25 BW, FTP 800#, CP 1775#, 20-25/64" CK, - FINAL REPORT -

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

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

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

3. ADDRESS OF OPERATOR: 68 South 1200 East CITY Vernal STATE Utah ZIP 84078 PHONE NUMBER: 435-789-4433

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

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

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

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

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

See Exhibit "A"

Bond # 400JU0708

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

(This space for State use only)

RECEIVED

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING

State of Delaware  
Office of the Secretary of State

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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

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING



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

0610204 8100

010162788

AUTHENTICATION: 1061007

DATE: 04-03-01

**CERTIFICATE OF AMENDMENT**

**OF**

**CERTIFICATE OF INCORPORATION**

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

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

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

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

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

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

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

COASTAL OIL & GAS CORPORATION

  
\_\_\_\_\_  
David L. Siddall  
Vice President

Attest:

  
\_\_\_\_\_  
Margaret E. Roark, Assistant Secretary

**RECEIVED**

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

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

**RECEIVED**

JUL 12 2001

**DIVISION OF  
OIL, GAS AND MINING**

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

JUL 10 2001

### NOTICE

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

#### Name Change Recognized

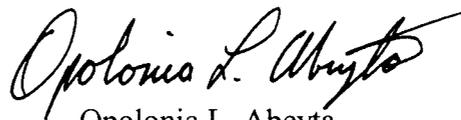
Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

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

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

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

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Coastal Oil & Gas Corporation to El Paso Production Oil & Gas Company. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Wyoming and Colorado.



Opolonia L. Abeyta  
Acting Chief, Branch of  
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

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

## Exhibit of Leases

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

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

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

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

**X** Merger

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

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

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

**CA No.** **Unit: NATURAL BUTTES**

**WELL(S)**

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
CIGE 96D-32-9-22	43-047-31730	2900	32-09S-22E	STATE	GW	P
CIGE 106D-32-9-22	43-047-31746	2900	32-09S-22E	STATE	GW	P
NBU 157	43-047-32007	2900	32-09S-22E	STATE	GW	P
NBU 161	43-047-32023	2900	32-09S-22E	STATE	GW	P
CIGE 173-32-9-22	43-047-32324	2900	32-09S-22E	STATE	GW	P
NBU 281	43-047-32866	2900	32-09S-22E	STATE	GW	P
NBU 282	43-047-32867	2900	32-09S-22E	STATE	GW	P
<b>CIGE 190-32-9-22</b>	43-047-32912	2900	32-09S-22E	STATE	GW	P
NBU CIGE 241-32-9-22	43-047-33208	2900	32-09S-22E	STATE	GW	P
NBU 5-36B	43-047-30272	2900	36-09S-22E	STATE	GW	P
NBU CIGE 9-36-9-22	43-047-30419	2900	36-09S-22E	STATE	GW	P
NBU CIGE 62D-36-9-22	43-047-30885	2900	36-09S-22E	STATE	GW	P
NBU 213-36J	43-047-31268	2900	36-09S-22E	STATE	GW	P
CIGE 162-36-9-22	43-047-32164	2900	36-09S-22E	STATE	GW	P
NBU 318-36E	43-047-32204	2900	36-09S-22E	STATE	GW	P
NBU 343-36E	43-047-32205	2900	36-09S-22E	STATE	GW	P
CIGE 221-36-9-22	43-047-32868	2900	36-09S-22E	STATE	GW	P
NBU CIGE 92D-13-10-20J	43-047-31162	2900	13-10S-20E	STATE	GW	P
NBU 74	43-047-31087	2900	24-10S-20E	STATE	GW	P
NBU CIGE 55-1-10-21	43-047-30512	2900	01-10S-21E	STATE	GW	P

**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: 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: N/A

---

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 07/19/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 07/19/2001
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.: 400JU0705

---

**FEDERAL BOND VERIFICATION:**

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

---

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

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

---

**FILMING:**

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

---

**FILING:**

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

---

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

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JAN. 17. 2003 3:34PM

WESTPORT

NO. 173 P. 2

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

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

**February 1, 2002**

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

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

**Dear Ms. Maxwell:**

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

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

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

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

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

Debby J. Black  
Engineer Technician

Encl:



United States Department of the Interior **RECEIVED**

BUREAU OF LAND MANAGEMENT

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

FEB 22 2002

DIVISION OF  
OIL, GAS AND MINING

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

FEB 21 2002

NOTICE

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

Name Change Recognized

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

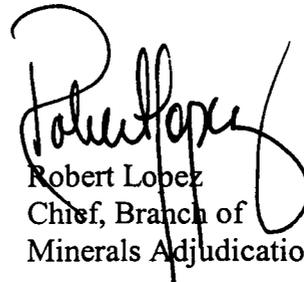
For our purposes, the name change is recognized effective December 31, 2001.

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

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

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

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



Robert Lopez  
Chief, Branch of  
Minerals Adjudication

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

# memorandum

Branch of Real Estate Services  
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to  
Attn of: Supervisory Petroleum Engineer

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

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

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

We have no objection.

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

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

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

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





IN REPLY REFER TO:  
Real Estate Services

## United States Department of the Interior

BUREAU OF INDIAN AFFAIRS  
Washington, D.C. 20240

FEB 10 2003

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

Dear Mr. Wilson:

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

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

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

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

Sincerely,

Director, Office of Trust Responsibilities

**ACTING**

Enclosure



# 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:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: <b>Exhibit "A"</b>	
2. NAME OF OPERATOR: <b>El Paso Production Oil &amp; Gas Company</b>		9. API NUMBER:
3. ADDRESS OF OPERATOR: <b>9 Greenway Plaza</b> CITY <b>Houston</b> STATE <b>TX</b> ZIP <b>77064-0995</b>	PHONE NUMBER: <b>(832) 676-5933</b>	10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL		
FOOTAGES AT SURFACE:		COUNTY:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: <b>UTAH</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> 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	

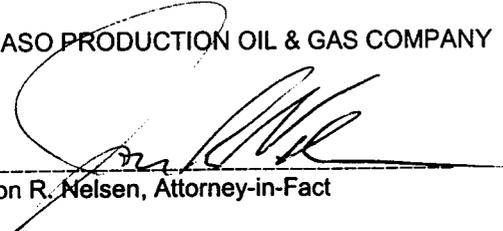
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

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

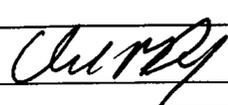
BOND # \_\_\_\_\_

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

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

(This space for State use only)

Form 3160-5  
(August 1999)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**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)

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**

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

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

RECEIVED  
MAR 04 2003

DIV. OF OIL, GAS & MINING

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

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

Signature  


Title  
**OPERATIONS**

Date  
**March 4, 2003**

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

Office \_\_\_\_\_

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

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

(Instructions on reverse)

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW ✓
3. FILE

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

Designation of Agent/Operator

Operator Name Change

Merger

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

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

**CA No.**                      **Unit:**    **NATURAL BUTTES**

<b>WELL(S)</b>						
NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 41J	31-09S-22E	43-047-31224	2900	STATE	GW	P
CIGE 97D-31-9-22	31-09S-22E	43-047-31729	2900	STATE	GW	P
NBU 155	31-09S-22E	43-047-32004	2900	STATE	GW	P
CIGE 148-31-9-22	31-09S-22E	43-047-32024	2900	STATE	GW	P
NBU 280	31-09S-22E	43-047-32865	2900	STATE	GW	P
CIGE 220-31-9-22	31-09S-22E	43-047-32884	2900	STATE	GW	P
NBU 326	31-09S-22E	43-047-33204	2900	STATE	GW	P
NBU 354	31-09S-22E	43-047-33231	2900	FEDERAL	GW	P
NBU 160	31-09S-22E	43-047-32006	2900	STATE	GW	PA
CIGE 241-32-9-22	32-09S-22E	43-047-33208	2900	STATE	GW	P
NBU 404	32-09S-22E	43-047-34375	2900	STATE	GW	P
NBU 281	32-09S-22E	43-047-32866	2900	STATE	GW	P
NBU 282	32-09S-22E	43-047-32867	2900	STATE	GW	P
<b>CIGE 190-32-9-22</b>	32-09S-22E	43-047-32912	2900	STATE	GW	P
NBU 157	32-09S-22E	43-047-32007	2900	STATE	GW	P
CIGE 96D-32-9-22	32-09S-22E	43-047-31730	2900	STATE	GW	P
NBU 51J	32-09S-22E	43-047-31234	2900	STATE	GW	P
CIGE 106D-32-9-22	32-09S-22E	43-047-31746	2900	STATE	GW	P
NBU CIGE 36D-32-9-22	32-09S-22E	43-047-30833	2900	STATE	GW	P
NBU 54N	32-09S-22E	43-047-30890	2900	STATE	GW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

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

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

8. **Federal and Indian Units:**

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

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

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

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

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 03/18/2003
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 03/18/2003
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

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

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

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

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

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

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

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

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Serial No.  
Multiple Wells - see attached

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
891008900A

8. Well Name and No.

Multiple Wells - see attached

9. API Well No.

Multiple Wells - see attached

10. Field and Pool, or Exploratory Area

Natural Buttes Unit

11. County or Parish, State

Uintah County, UT

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

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-

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

Multiple Wells - see attached

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

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

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

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

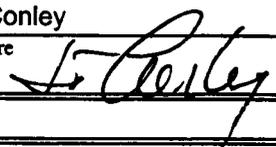
Westport Oil & gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

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

Name (Printed/Typed)

J.T. Conley

Signature



COPY SENT TO OPERATOR

Date: 9-16-03

Initials: JTC Date: 9-2-2003

Operations Manager

SEP 10 2003

DIV. OF OIL, GAS & MINING

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Date

Federal Approval of This  
Action is Necessary

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

Office

Date: 9/16/03

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

WELL	LEGALS	STFLEASENO	CANUMBER	APINO
CIGE 172	25-9-21 SWNE	U01189	891008900A	430473232500S1 ✓
CIGE 173	32-9-22 SWNW	ML22649	891008900A	430473232400S1 ✓
CIGE 174	33-9-22 NESW	UTU01191A	891008900A	430473232300S1
CIGE 177	1-10-20 NENW	UTU02270A	891008900A	430473232200S1
CIGE 178	5-10-22 NWNW	UTU01195	891008900A	430473233000S1
CIGE 179	6-10-22 SESW	UTU01195	891008900A	430473240000S1
CIGE 180	16-9-21 SESW	ML3141	891008900A	430473247800S1
CIGE 182	7-10-21 SESE	UTU02270A	891008900A	430473248100S1
CIGE 183	20-9-21 NWSE	UTU0575	891008900A	430473265600S1
CIGE 186	35-9-22 NWSE	UTU010954A	891008900A	430473259000S1
CIGE 187	13-10-20 NENW	UTU4485	891008900A	430473260700S1
CIGE 189	29-9-22 SWNW	UTU462	891008900A	430473286300S1
CIGE 190	32-9-22 NENE	ML22649	891008900A	430473291200S1
CIGE 193	35-9-22 SESE	UTU010954A	891008900A	430473297300S1
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	430473299800S1
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	430473293800S1
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	<del>21-9-21 NWNE</del>	<del>UTU0576</del>	<del>891008900A</del>	<del>430473302200S1</del>
CIGE 234	25-9-21 SWNE	U01189	891008900A	430473287300S1 ✓
CIGE 235	25-9-21 NWSE	<del>U01194</del>	891008900A	430473285800S1 ✓
CIGE 236	34-9-21 SESE	<del>U01194A</del>	891008900A	430473286100S1 ✓
CIGE 237	15-9-21 NWSE	UTU010950A	<del>891008900A</del>	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	32-9-22 NWNW	UTU01191A	891008900A	430473402200S1

**Project Economics Worksheet**

Instructions: Fill in blue lines 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
PULLING UNIT SERVICE			\$0
WIRELINE SERVICE			\$0
SUBSURF EQUIP REPAIRS			\$0
COMPANY LABOR			\$0
CONTRACT LABOR	\$0	\$200	\$200
CONTR SERVICE			\$0
LEASE FUEL GAS	\$0	\$0	\$0
UTILITIES - ELECTRICITY	\$0	\$0	\$0
CHEMICAL TREATING			\$0
MATERIAL & SUPPLY	\$0	\$150	\$150
WATER & HAULING			\$0
ADMINISTRATIVE COSTS			\$0
GAS PLANT PROCESSING			\$0
<b>Totals</b>	<b>\$0</b>	<b>\$350</b>	<b>\$350</b>

**Increased OPX Per Year**

**Investment Breakdown:**

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

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

**Production & OPX Detail:**

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

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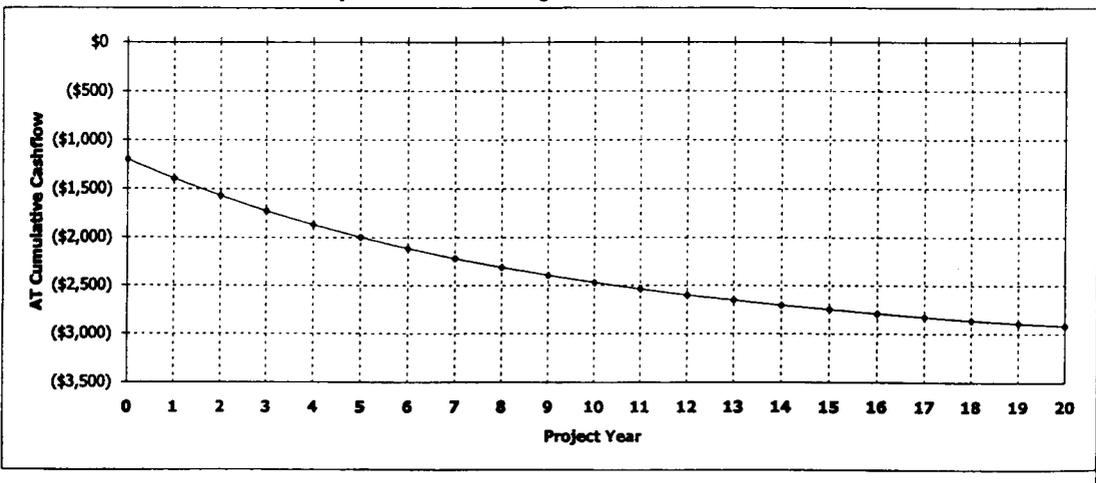
**Gross Reserves:**

Oil Reserves =	4 BO
Gas Reserves =	0 MCF
Gas Equip 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 4 ops 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

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

**ROUTING**

1. DJJ
2. CDW

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

Operator Name Change/Merger

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

**1/6/2006**

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

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

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

**DATA ENTRY:**

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

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- 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.*

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

6. If Indian, Allottee or Tribe Name

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

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

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

9. API Well No.

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

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

10. Field and Pool, or Exploratory Area

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

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.

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**

**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)  
**RANDY BAYNE**  
Signature  
*Randy Bayne*

Title  
**DRILLING MANAGER**  
Date  
**May 9, 2006**

**THIS SPACE FOR FEDERAL OR STATE USE**

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

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**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

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

1. Type of Well  
 Oil Well  Gas Well  Other

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

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

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

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

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

6. If Indian, Allottee or Tribe Name

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

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

9. API Well No.

10. Field and Pool, or Exploratory Area

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

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

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

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

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

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

RECEIVED  
 MAY 10 2006

DIV. OF OIL, GAS & MINING

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

Name (Printed/Typed) <b>BRAD LANEY</b>	Title <b>ENGINEERING SPECIALIST</b>
Signature <i>Brad Laney</i>	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.

<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> ML-22649
<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 190
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>9. API NUMBER:</b> 43047329120000
<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> 0466 FNL 0093 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENE Section: 32 Township: 09.0S Range: 22.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 12/15/2009	<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 type="checkbox"/> CHANGE WELL STATUS	<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 checked="" type="checkbox"/> TEMPORARILY 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 TEMPORARILY ABANDON THE SUBJECT WELL LOCATION. THE OPERATOR PROPOSES TO TEMPORARILY ABANDON THE WELL TO DRILL THE NBU 922-32AT WELL. PLEASE REFER TO THE ATTACHED TEMPORARILY ABANDON PROCEDURE.

Approved by the  
 Utah Division of  
 Oil, Gas and Mining

Date: December 14, 2009  
 By: *Derek Duff*

<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> 12/11/2009

CIGE 190 AFE# 2038719.TAB  
 466' FNL & 93' FEL  
 NENE SEC.32, T9S, R22E  
 Uintah County, UT

KBE:	4917'	API NUMBER:	43-047-32912
GLE:	4901'	LEASE NUMBER:	ML-22649
TD:	6600'	WINS #:	72760
PBTD:	6063'	WI:	100.0000%
		NRI:	83.202949%

**CASING:** 11" hole  
 8 5/8" 24# J-55 @ 253' (GL)  
 Cement w/ 100 sx, TOC at surface by circulation, +/- 4 bbls cmt to pit

7.875" hole  
 4 1/2" 11.6# I-80 @ 6100'  
 Cement w/ 865 sx, TOC @ 1786' per CBL  
 Top down job w/ 65 sx class G

**TUBING:** 2 3/8" 4.7# J-55 tubing landed at 5918'

Tubular/Borehole	Drift inches	Collapse psi	Burst psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1624	0.02173	0.00387
4.5" 11.6# N-80	3.875	6350	7780	0.6528	0.0872	0.0155
8.625" 24# J-55	8.097	1370	2950	2.6749	0.3537	0.0636
<b>Annular Capacities</b>						
2.3/8" tbg. X 4 1/2" csg				0.4226	0.0565	0.01006
4.5" csg X 8 5/8" 24# csg				1.8487	0.2471	0.044
4.5" csg X 7.7/8 borehole				1.704	0.2278	0.0406
8.5/8" csg X 11" borehole				1.9026	0.2543	0.0453

**GEOLOGIC INFORMATION:**

<b>Formation</b>	<b>Depth to top, ft.</b>
Uinta	Surface
Wasatch	4454'
Mesa Verde	N/A

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

USDW Elevation	1500' MSL
USDW Depth	3417' KBE

**PERFORATIONS:**

Formation	Date	Top	Spf	Status
Wasatch	Feb-98	4798	2	Open
Wasatch	Feb-98	4894	2	Open
Wasatch	Feb-98	4903	2	Open
Wasatch	Feb-98	5047	2	Open
Wasatch	Feb-98	5938	2	Open

**WELL HISTORY:**

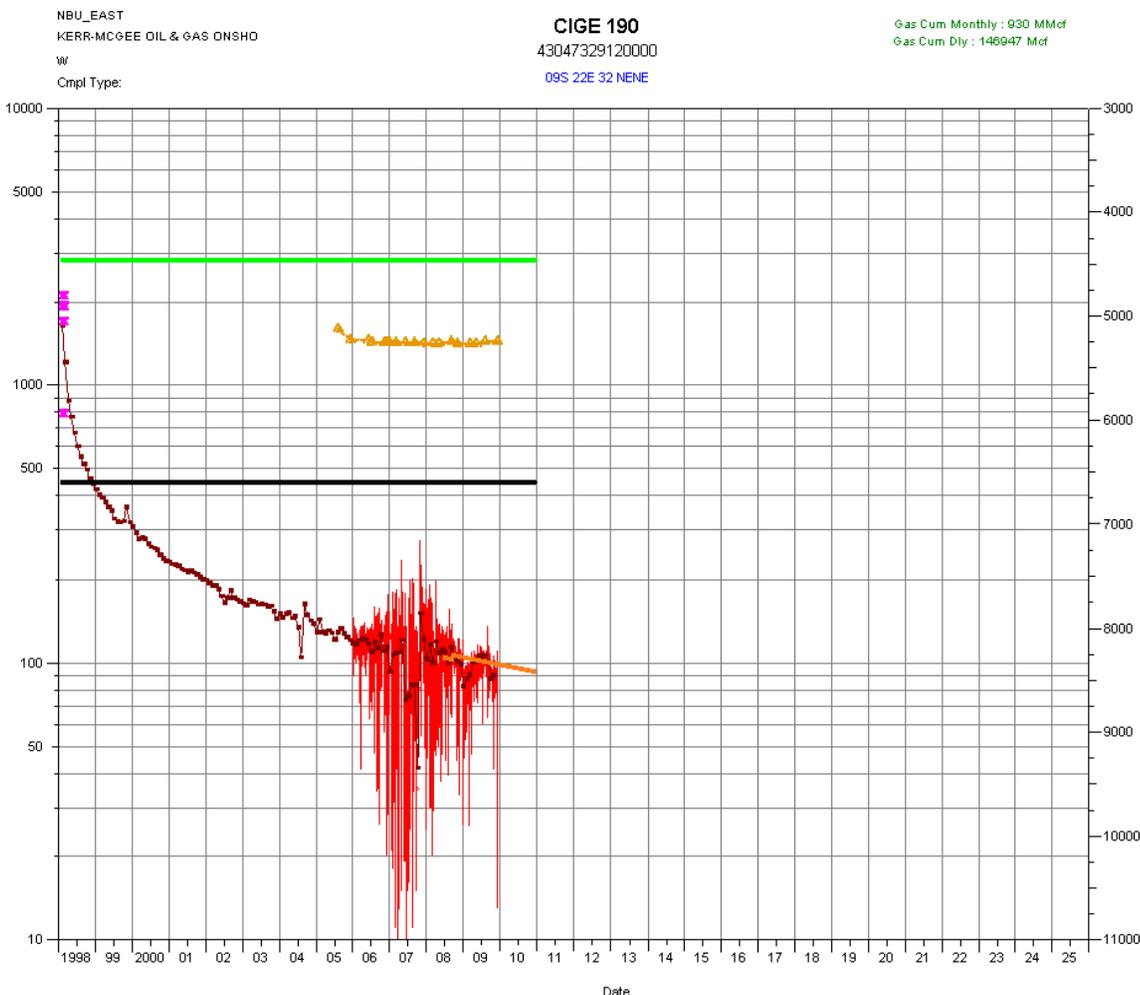
- Spud Well 11/13/97, TD'd 1/30/98
- 2/7/98 - Perforated Was interval f/ 4798' - 5938'. Break perfs w/ 18 bbl 15% HCL. Frac interval w/ 130 gal gel and 145,900# 20/40 sand.
- 2/15/98 - WELL IP'D - 3144 MCFD, 25 BW, FTP 800#, CP 1775#, 25/64" CK

**REMARKS:**

- Land Exploration/Operations - This well is producing from the Wasatch formation. The lease is held by the NB Unit. Cleared by Land. OK to TA - Jason Rayburn 11/4/2009
- Geology - Ok to TA and RTP as soon as possible. BJK 12/01/2009
- Reservoir Engineering - This well was completed to the Wasatch in February 1998 and has a cum production of 0.925 bcf. The current rate is 100mcf and the net remaining reserves as of Q309 are 510 MMCFE (85 MBOE). Because of the higher rate and remaining reserves, it is recommended that this well is TA'd rather than P&A'd during the drilling operations.
- Operations Engineering - The NPV10 of this investment is over \$600k at \$5 gas. TA and RTP is the best option. MB 11/4/2009

**Recommended future action for disposition of well bore:**

Temporarily abandon the wellbore during the drilling and completion operations of the CIGE 190 pad wells (922-32AT). Return to production as soon as possible once completions are done.



## CIGE 190 TEMPORARY ABANDONMENT PROCEDURE

### GENERAL

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

### PROCEDURE

**Note: An estimated 19 sx Class "G" cement needed for procedure**

**Note: No Gyro has been run on this location yet**

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. PULL TBG & LD SAME. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL.
3. **PLUG #1, ISOLATE /WASATCH PERFORATIONS (4798' - 5938')**: RIH W/ 4 ½" CBP. SET @ ~4748'. RELEASE CBP, PUH 10', BRK CIRC W/ FRESH WATER. PRESSURE TEST CASING TO 500 PSI. INFORM ENGINEERING IF IT DOESN'T TEST. DISPLACE A MINIMUM OF 4.36 CUFT CMT (4 SX) ON TOP OF PLUG. PUH ABOVE TOC (~4698'). REVERSE CIRCULATE W/ TREATED FRESH WATER.
4. **PLUG #2, PROTECT BASE OF USDW'S (3417')**: PUH TO ~3517'. BRK CIRC W/ FRESH WATER. DISPLACE 17.44 CUFT. (15 SX) AND BALANCE PLUG W/ TOC @ ~3317' (200' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER.
5. LOWER WELLHEAD TO GROUND LEVEL TO ACCOMMODATE DRILLING OPS AND INSTALL MARKER PER BLM GUIDELINES.
6. RDMO. TURN OVER TO DRILLING OPERATIONS.

ALM 12/10/09

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-22649
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<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> CIGE 190
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>9. API NUMBER:</b> 43047329120000
<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> 0466 FNL 0093 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENE Section: 32 Township: 09.0S Range: 22.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

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<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: 12/29/2009	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input 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
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	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

THE OPERATOR HAS PERFORMED THE TEMPORARILY ABANDON OPERATIONS ON THE SUBJECT WELL LOCATION ON 12/29/2009. THE OPERATOR HAS TA  
 THE WELL TO DRILL THE NBU 922-32AT WELL. PLEASE REFER TO THE  
 ATTACHED TEMPORARILY ABANDON CHORONOLOGICAL WELL HISTOR

Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
**FOR RECORD ONLY**  
 January 04, 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> 12/30/2009

**US ROCKIES REGION**  
**Operation Summary Report**

Well: CIGE 190					Spud Date: 1/15/1998				
Project: UTAH-UINTAH			Site: CIGE 190			Rig Name No: SWABBCO 1/1			
Event: ABANDONMENT			Start Date: 12/28/2009		End Date: 12/29/2009				
Active Datum: RKB @0.00ft (above Mean Sea Level)				UWI: CIGE 190					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation	
12/28/2009	7:00 - 19:00	12.00	ABAND	30		P		HSM RRTL & ALL EQUIPMENT SPOT IN RIG UP GUY OUT KILL WELL 1 1/2 HRS TO BREAK WELL HEAD BOLTS NDWH NUBOP UNLTBG R/U TESTERS TBG SCOPE OUT OF HOLE 188 JNTS R/U SLICKLINE RUN GYRO R/D SLICKLINE SWI SDFN	
12/29/2009	7:00 -		ABAND	30		P		HSM BWD KILL WELL R/U CUTTERS WIRELINE RIH GUAGE RING TAG FILL @ 5943' POOH RIH SET CBP @ 4748' POOH MAKE 2 RUNS WITH BAILER SPOT 4 SKS ON PLUG POOH R/D WIRELINE TIH TALLYING 112 JNTS EOT 3524' CIRC HOLE WITH TREATED FRESH TEST CSG TO 500# = GOOD TEST P/15 SKS BALANCE FROM 3524' TO 3324' = 200' PLUG LD 112 JNTS NDBOP RDMO DIG OUT TBG HEAD NDTH INSTALL CAP SDFN	

<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> ML-22649
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<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>9. API NUMBER:</b> 43047329120000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6515 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0466 FNL 0093 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENE Section: 32 Township: 09.0S Range: 22.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 12/27/2010  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<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 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 checked="" 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 checked="" type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="EXTENSION REQUEST"/>

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

The operator requests approval to extend the Temporarily Abandoned (TA) status on the subject well location. This well was TA'd on 12/29/2009 so the NBU 922-32AT well could be drilled. Due limited workover rig availability, the operator requests to extend the TA status. The operator plans to drill out the cement plugs and place this well back on production as soon as a rig becomes available. Thank you.

**REQUEST DENIED**  
**Utah Division of**  
**Oil, Gas and Mining**

**Date:** 02/10/2011  
**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> 12/27/2010



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

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Sundry Conditions of Approval Well Number 43047329120000**

**Request did not contain the information required by R649-3-36.**

<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> ML-22649
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<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>9. API NUMBER:</b> 43047329120000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6515 Ext
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<input checked="" type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion: 2/14/2011	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
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	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

This formally temporarily abandoned well has returned to production. This well returned to production on 02/09/2011.

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

<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> 2/14/2011

**US ROCKIES REGION**  
**Operation Summary Report**

Well: CIGE 190		Spud Date: 1/15/1998	
Project: UTAH-UINTAH		Site: CIGE 190	Rig Name No: SWABBCO 6/6
Event: WELL WORK EXPENSE		Start Date: 1/24/2011	End Date: 1/25/2011
Active Datum: RKB @0.00ft (above Mean Sea Level)		UWI: CIGE 190	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
1/24/2011	7:00 - 7:15	0.25	REE	48		P		JSA= PICKUP TUBING
	7:15 - 18:00	10.75	REE	30		P		WAIT ON BLUE STAKES TO MARK DEAD MAN TO BUSEY TO COME TO LOC TO CHECK JUST OK'ED SET DEAD MAN WAIT ON WEATHERFORD TO INSTALL WELLHEAD, PU 3-7/8" BIT TALLEY & PU TUBING RIH TAG TOP OF CEMENT @ 3286' PU PWR SWVL EST CIRC D/O TO 3488' CIRC CLEAN STAND BACK SWVL POOH 5 STANDS TO PREVENT FREEZING DRAIN RIG PUMP SDFN
1/25/2011	7:00 - 7:15	0.25	COMP	48		P		JSA= FOAM/ NITRO
	7:15 - 18:00	10.75	COMP	30		P		0 PSI ON WELL RIH 5 STANDS TAG CEM @3488' RU PWR SWVL EST CIRC D/O 25' CEM FELL THRU CIRC CLEAN CONTINUE TO RIH TAG 2ND PLUG @ 4680' EST CIRC W/ FOAMER D/O TO CBP DRILL THRU CBP LOST CIRC CONT TO PMP W/ FOAMER EST CIRC C/O TO 6029' CIRC CLEAN LD 4 JNTS RD PWR SWVL PUMP 20 BBLS DWN TUB TO CONTROL WELL POOH W/ BIT PU NOTCHED 1.87XN NPL RIH LAND TUBING W/ 183 JNTS 2-3/8" YB J-55 TUBING EOT @ 5922.64' RD FLOOR & TUBING EQUIP ND BOPS NU WELLHEAD PREP TO RD IN AM

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
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<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6515 Ext	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0466 FNL 0093 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENE Section: 32 Township: 09.0S Range: 22.0E Meridian: S	<b>COUNTY:</b> UINTAH	
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/26/2011  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<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: 100px;" 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 04/26/2011.		
<p><b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</b></p>		
<b>NAME (PLEASE PRINT)</b> Sheila Wopsock	<b>PHONE NUMBER</b> 435 781-7024	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/3/2011	