

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

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

Form approved.  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK  
 DRILL                       DEEPEN                       PLUG BACK

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

2. NAME OF OPERATOR  
 Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR  
 P.O. Box 749, Denver, CO 80201-0749                      (303) 572-1121

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface                      2502' FSL & 772' FEL  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately 53 miles southwest of Vernal, Utah.

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)                      2502'

16. NO. OF ACRES IN LEASE                      880

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

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

19. PROPOSED DEPTH                      7500'

20. ROTARY OR CABLE TOOLS                      Rotary

21. ELEVATIONS (Show whether DP, RT, GR, etc.)  
 Ungraded GR - 4737'

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

5. LEASE DESIGNATION AND SERIAL NO.  
 U-01188

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 Ute

7. UNIT ASSIGNMENT NAME  
 Natural Buttes Unit

8. FARM OR LEASE NAME  
 CIGE

9. WELL NO.  
 #198-9-9-21

10. FIELD AND POOL, OR WILDCAT  
 Natural Buttes

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA  
 Section 9-T9S-R21E

12. COUNTY OR PARISH                      13. STATE  
 Uintah                      Utah

**PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Please see attached Drilling Program.				

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

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

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 operations conducted upon the leased lands. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal bonds: BLM Nationwide #U605382-9, BIA Nationwide #114066-A, and State of Utah #102103.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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.

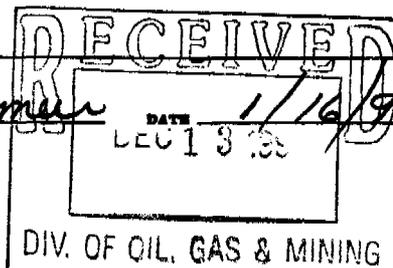
34. SIGNED Bonnie Carson TITLE Sr. Environmental Analyst DATE 12/12/96

(This space for Federal or State office use)

PERMIT NO. 43-047-32799 APPROVAL DATE \_\_\_\_\_

APPROVED BY [Signature] TITLE Petroleum Engineer DATE 1/16/97

CONDITIONS OF APPROVAL, IF ANY:



\*See Instructions On Reverse Side

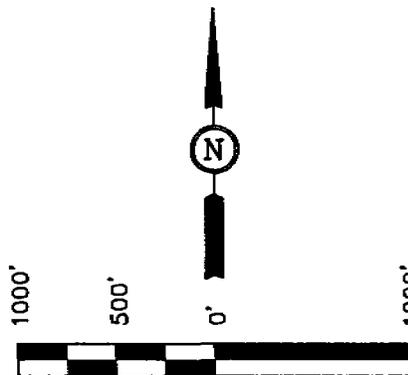
T9S, R21E, S.L.B.&M.

**COASTAL OIL & GAS CORP.**

Well location, CIGE #198-9-9-21, located as shown in the NE 1/4 SE 1/4 of Section 9, T9S, R21E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 10, T9S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE 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 4853 FEET.

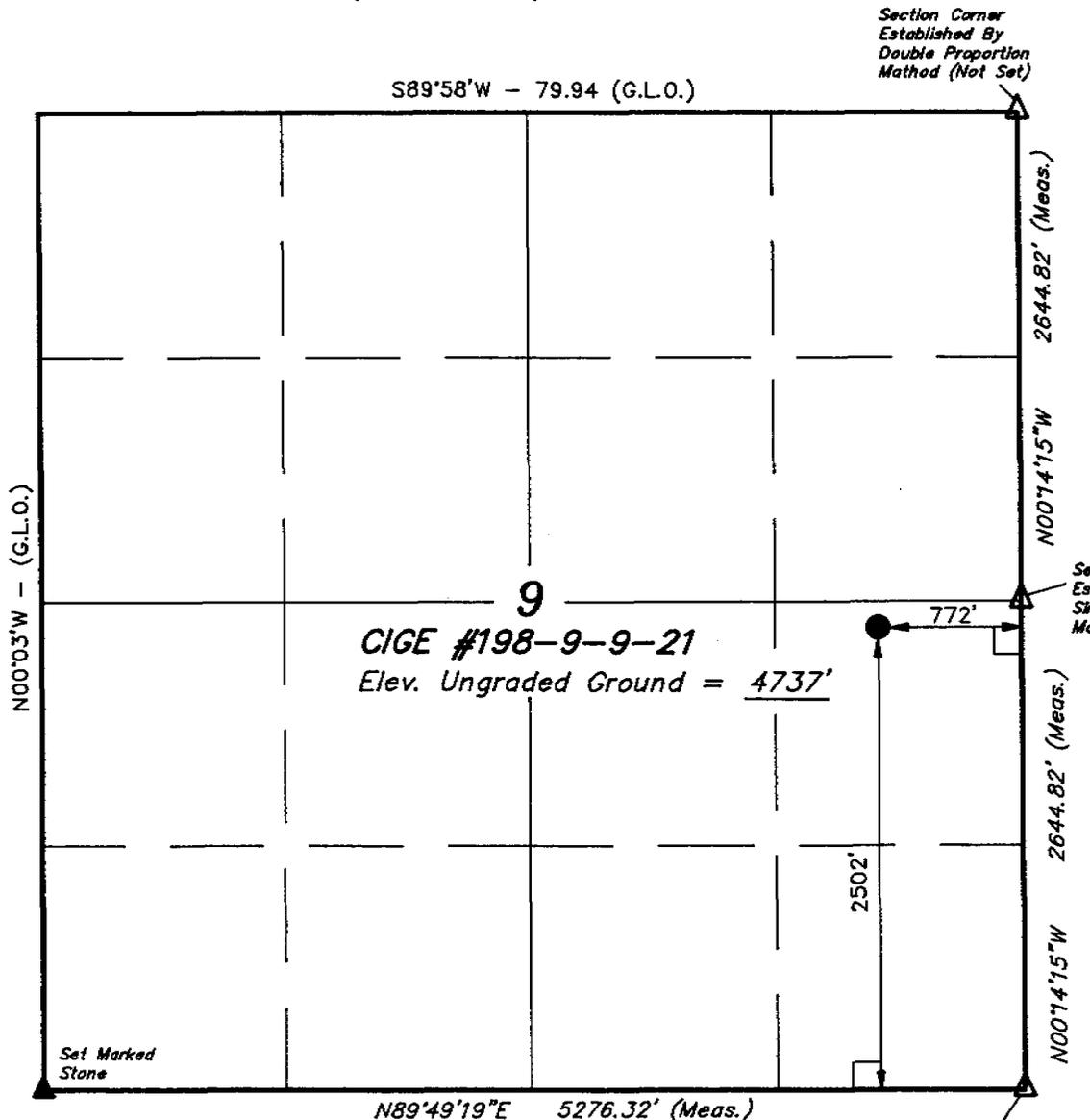


SCALE

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. 181319  
 STATE OF UTAH



LEGEND:

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

NOTE:  
 BASIS OF BEARINGS IS THE NORTH LINE OF THE NE 1/4 OF SECTION 10, T9S, R21E, S.L.B.&M. WHICH IS ASSUMED FROM G.L.O. INFORMATION TO BEARS N89°53'W.

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b>		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(801) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 11-22-96	DATE DRAWN: 11-23-96
PARTY B.B. B.H. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE COASTAL OIL & GAS CORP.	



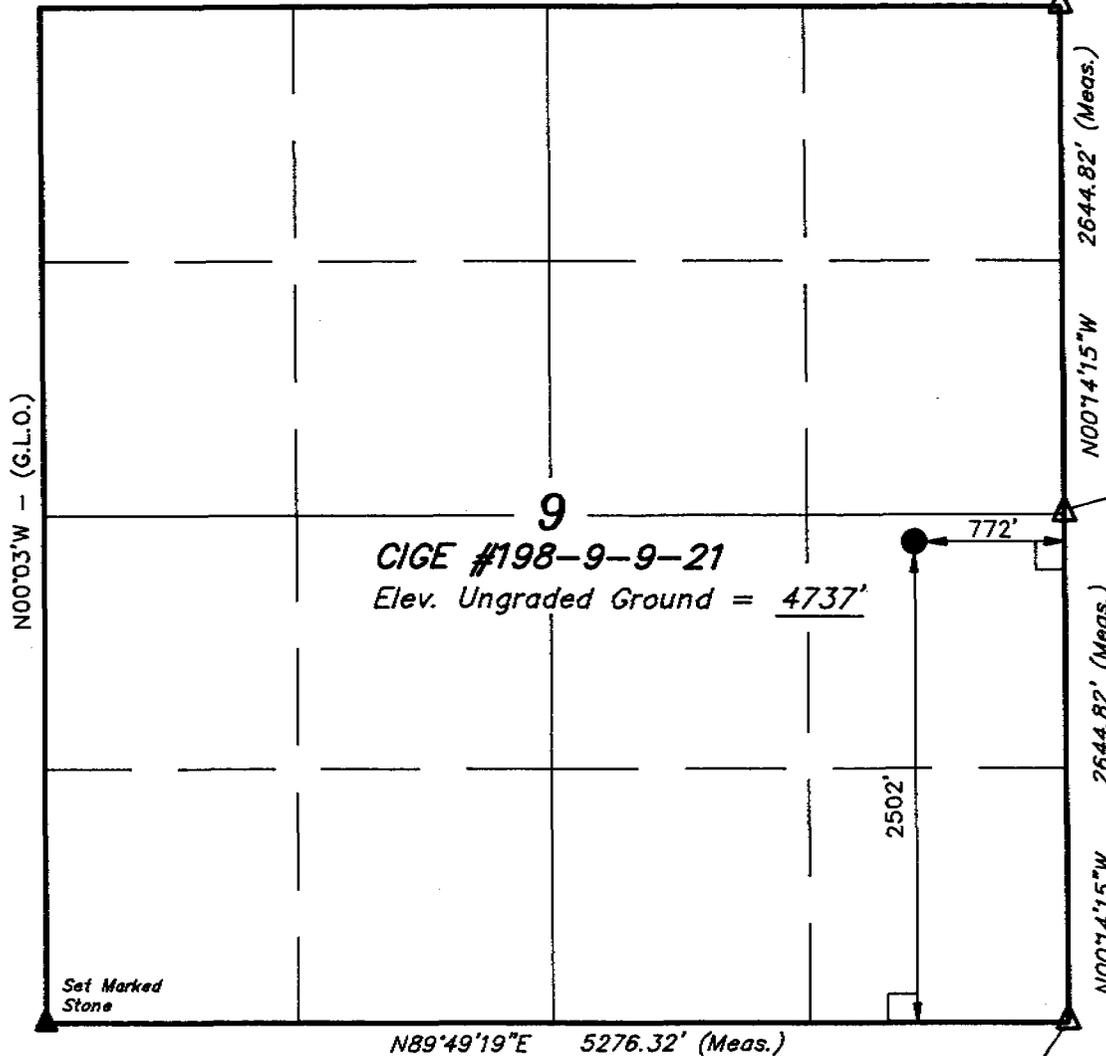
# T9S, R21E, S.L.B.&M.

## COASTAL OIL & GAS CORP.

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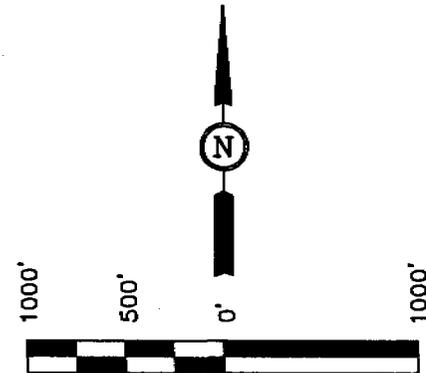
Section Corner  
Established By  
Double Proportion  
Method (Not Set)

S89°58'W - 79.94 (G.L.O.)



### BASIS OF ELEVATION

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NOTE:  
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**CIGE #198-9-9-21  
2502' FSL & 772' FEL  
NE/SE, SECTION 9-T9S-R21E  
UINTAH COUNTY, UTAH  
LEASE NUMBER: U-01188**

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

***DRILLING PROGRAM***

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved Plan of Operations. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

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

<u>Formation</u>	<u>Depth</u>
Duchesne River/Uinta	Surface
Green River	1,880'
Wasatch	5,230'
Total Depth	7,500'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Oil/Gas	Green River	1,880'
Oil/Gas	Wasatch	5,230'
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. All oil and gas shows will be tested to determine commercial potential.

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

Coastal Oil & Gas Corporation's minimum specifications for pressure control equipment are as follows:

- The BOP stack will consist of an 11" 3000 psi annular BOP, one 11" 3000 psi double ram, and an 11" 3000 psi drilling spool. The lower ram will contain pipe rams and the upper ram will contain blind rams.

The choke and kill lines and the choke manifold will have a 3000 psi minimum pressure rating.

Testing: The Hydril will be tested to 1500 psi. The rams, choke manifold, kelly safety valves, drill string safety valves, and inside BOP will be tested to 2000 psi.

- As a minimum, the above test will be performed when initially installed, whenever any seal subject to test pressure is broken, following related repairs, or at 30-day intervals.
- Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.
- When testing the kill line valve(s), the check valve shall be held open or the ball removed.
- Annular preventers shall be functionally operated at least weekly.
- Pipe and blind rams shall be activated each trip; however, this function need not be performed more than once a day.
- A BOPE pit level drill shall be conducted weekly for each drilling crew.
- Pressure tests shall apply to all related well control equipment.

All of the above described tests and/or drills shall be recorded in the drilling log.

BOP systems shall be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection shall be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office should be notified, with sufficient lead time, in order to have the BLM representative on location during pressure testing.

- a. The size and the rating of the BOP stack is shown on the attached diagram. Although a rig has not been chosen to drill this well, most of the equipment for this depth of hole in the area uses a 3000 psi working pressure blowout preventer.
- b. A choke line and a kill line are to be properly installed. The kill line is not be used as a fill-up line.
- c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.
- d. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.

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

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

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

The surface casing will be tested to 1500 psi prior to drilling out.

The proposed casing and cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals. Any isolating medium other than cement shall receive approval prior to use. The casing setting depth shall be calculated to position the casing seat opposite a competent formation which will contain the maximum pressure to which it will be exposed during normal drilling operations. Determination of casing setting depth shall be based on all relevant factors, including: presence/absence of hydrocarbons, fracture gradients, usable water zones, formation pressures, lost circulation zones, other minerals, or other unusual characteristics. All indications of usable water shall be reported.

Casing design shall assume formation pressure gradients of 0.44 to 0.50 psi per foot for exploratory wells (lacking better data).

Casing design shall assume fracture gradients from 0.70 to 1.00 psi per foot for exploratory wells (lacking better data).

Casing collars shall have a minimum clearance of 0.422" of all sides in the hole/casing annulus, with recognition that variances can be granted for justified exceptions.

All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

All casing, except conductor casing, shall be new or reconditioned and tested. Used casing shall meet or exceed API standards for new casing.

The surface casing shall be cemented back to surface either during the primary cement job or by remedial cementing.

All indications of usable water shall be reported to the Authorized Officer prior to running the next string of casing or before plugging orders are requested, whichever occurs first.

Surface casing shall have centralizers on every fourth joint of casing, starting with the shoe joint and up to the bottom of the cellar.

Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string

cement method, etc., shall be utilized to help isolate the cement from contamination by the mud being displaced ahead of the cement slurry.

All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or to 1500 psi, whichever is greater, but not to exceed 70% of the minimum internal yield. If pressure declines more than 10% in 30 minutes, corrective action shall be taken.

Casing design 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'	Approx. 190 sx Class "G" + 2% CaCl <sub>2</sub> , 15.6 ppg, 1.19 cf/sk
<u>Production</u>		<u>Type &amp; Amount</u>
500' above productive interval-surface		Lead: Extended, Lite, or Hi-Fill cement + additives, 11 ppg
TD-500' above productive interval		Tail: Extended Class "G" or 50:50 Poz + additives, 14 ppg

For production casing, actual cement volumes will be determined from the caliper log.

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

Anticipated cement tops will be reported as to depth, not the expected number of sacks of cement to be used. The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

After cementing, but before commencing any test, the casing string shall stand cemented until the cement has reached a compressive strength of at least 500 psi at the shoe. WOC time shall be recorded in the Driller's Log.

c. The following reports shall be filed with the District Manager within 30 days after the work is completed:

- I. Progress reports, Form 3160-5, "Sundry Notices and Reports on Wells," must include the following information:
  - a) Setting of each string of casing showing the size, grade, weight of casing set, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of the

cementing tools used, casing test method and results, and the date of the work done. Spud date will be shown on the first reports submitted.

- b) A bond log will be submitted for the production liner. Bond logs will not be run on the other strings as cement is not able to be lifted to surface.
- d. Auxiliary equipment to be used as follows:
  - 1. Kelly cock.
  - 2. No bit float is deemed necessary.
  - 3. A sub with a full opening valve.

5. **Drilling Fluids Program:**

a.	<u>Interval</u>	<u>Type</u>	<u>Mud Weight</u>
	0'-TD	Air/Air Mist/Aerated Water/Water (As hole conditions warrant) Displace hole to 10 ppg brine prior to logging	8.4 ppg or less

Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control during the course of drilling operations.

A mud test shall be performed every 24 hours after mudding up to determine, as applicable: density, viscosity, gel strength, static filtration loss, and pH.

- b. Mud monitoring equipment will be checked periodically each tour of the mud system. The mud level will be checked visually.
- c. No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.
- d. No chemicals subject to reporting under SARA Title III in an amount equal to or 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.

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

DLL/SP: TD to base of surface casing.

FDC/CNL/GR: TD - 2,500'

Drill Stem Tests: None anticipated.

Cores: None anticipated.

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

Drill stem tests, if they are run, will adhere to the following requirements:

Initial opening of the drill stem test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the Authorized Officer. However, DST's may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e. lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released, but tripping shall not begin before daylight, unless prior approval is obtained from the Authorized Officer. Closed chamber DST's may be performed day or night.

Some means of reverse circulation shall be provided in case of flow to the surface showing evidence of hydrocarbons.

Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

All engines within 100 feet of the wellbore that are required to be operational during the test shall have spark arresters or water-cooled exhausts.

- b. Whether the well is completed as a dry hole or a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Authorized Officer.
- c. No 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 known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure approximately equals 3,000 psi (calculated at 0.4 psi/foot) and maximum anticipated surface pressure equals approximately 1,350 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

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

a. Drilling Activity

Anticipated Commencement Date:	Upon approval of this application.
Drilling Days:	Approximately 10 days.
Completion Days:	Approximately 7 days.

b. Notification of Operations

The BLM in Vernal, Utah, will be notified at least 24 hours prior to the commencement of spudding the well (to be followed with a Sundry Notice, Form 3160-5), of initiating pressure tests of the blowout preventer and related equipment, and running casing and cementing of all casing strings.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in suspended status without prior approval from the Authorized Officer. If operations are to be suspended, prior approval of the Authorized Officer will be obtained and notification given before resumption of operations.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6, "Monthly Report of Operations," starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed with the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

**Immediate Report:** Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

Should the well be successfully completed for production, the Authorized Officer will be notified when the well is placed in a producing status. Such notification will be sent by written communication not later than 5 days following the date when the well is placed on production.

Pursuant to Onshore Order No. 7, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During this period, an application for approval of the permanent disposal method, accompanied by water analysis and other required information, must be submitted to the District Engineer.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during the initial well evaluation tests, not to exceed 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received for any venting/flaring of gas beyond the initial 30 day or authorized test period.

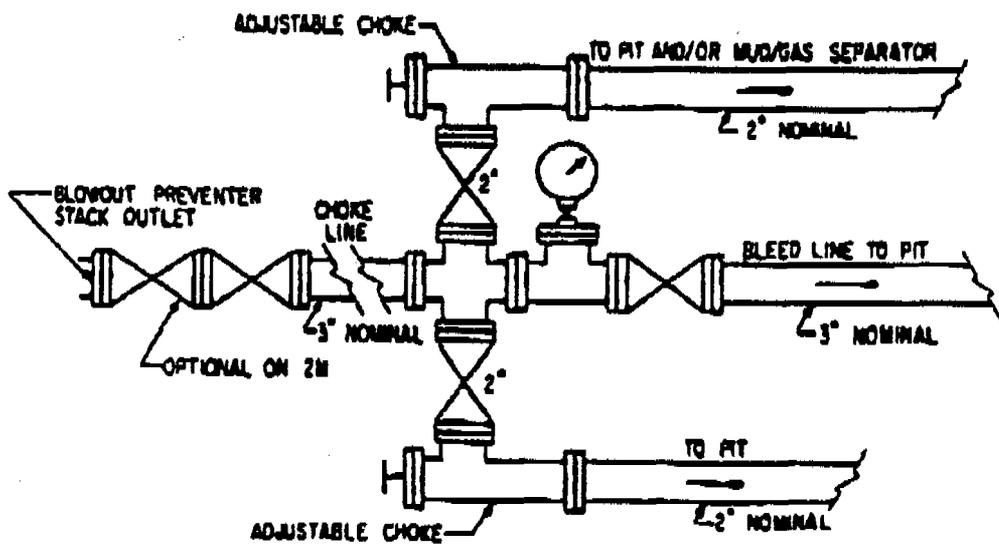
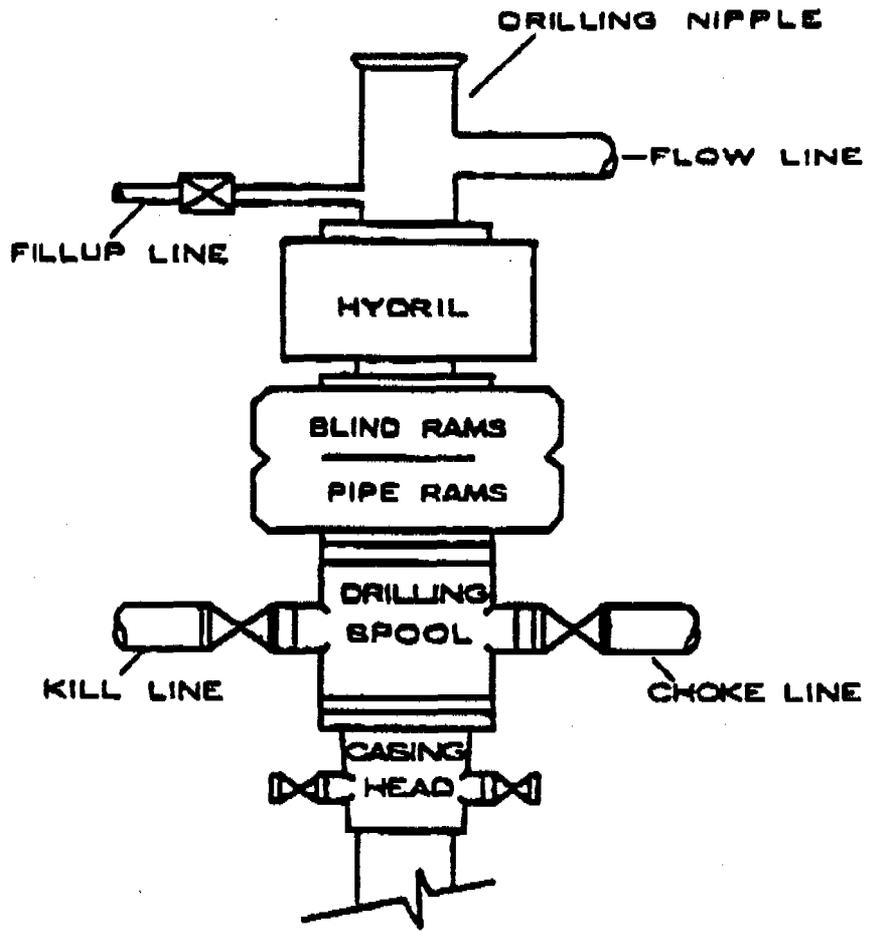
A schematic facilities diagram, as required by 43 CFR 3162.7-5 (b.9.d.), shall be submitted to the District Office within 60 days of installation or first production, whichever occurs first. All site security regulations, as specified in Onshore Oil & Gas Order No. 3, shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b.4).

A first production conference will be scheduled within 15 days after receipt of the first production notice.

No well abandonment operations will be commenced without the prior approval of the Authorized Officer. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the Authorized Officer. A "Subsequent Report of Abandonment," Form 3160-5, will be filed with the Authorized Officer within 30 days following completion of the well for abandonment. This report will indicate placement of the plugs and current status of the surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Authorized Officer or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with the State and local laws, to the extent to which they are applicable, to operations on Federal or Indian lands.

3,000 psi  
**BOP STACK**



**CIGE #198-9-9-21  
2502' FSL & 772' FEL  
NE/SE, SECTION 9-T9S-R21E  
UINTAH COUNTY, UTAH  
LEASE NUMBER: U-01188**

**ONSHORE ORDER NO. 1**

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

**Notification Requirements**

Location Construction:	48 hours prior to construction of location and access roads.
Location Completion:	Prior to moving the drilling rig.
Spud Notice:	At least 24 hours prior to spudding the well.
Casing String & Cementing:	24 hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests:	24 hours prior to initiating pressure tests.
First Production Notice:	Within 5 days after new well begins or production resumes after well has been off production for more than 90 days.

The on-site inspection for this well was conducted on 11/26/96 at approximately 11:21 a.m. Weather conditions were cold and overcast. The following individuals were in attendance at the inspection:

Sheila Bremer	Coastal Oil & Gas Corporation
Paul Breshears	Coastal Oil & Gas Corporation
Greg Darlington	BLM
Dale Hanberg	BIA
Alvin Ignacio	Ute Tribe
Rober Kay	U.E.L.S. Inc.
Harley Jackson	Jackson Construction
Jim Justice	J-West
John Scott	Metcalf
Dulaney Barclay	Metcalf

1. **Existing Roads:**

The proposed well site is approximately 38.5 miles southwest of Vernal, Utah.

Directions to the location from Vernal, Utah, are:

Proceed in a westerly direction from Vernal, Utah, on U.S. Highway 40 approximately 14.0 miles to the junction of State Highway 88; turn left and proceed in a southerly direction 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 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 in a northeasterly direction approximately 5.4 miles to the junction of this road and an existing road to the northwest; turn left and proceed in a northwesterly direction approximately 1.9 miles to the junction of this road and an existing road to the northwest; turn left and proceed in a northwesterly direction approximately 1.7 miles to the junction of this road and an existing road to the south; turn left and proceed in a southerly direction approximately 0.4 miles to the junction of this road and an existing trail to the west; turn right and proceed in a westerly direction approximately 0.4 miles along this existing trail to the proposed location.

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

There will be no improvements to existing access roads

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:**

The existing trail that will be used for access is approximately 0.4 miles long and will need to be upgraded. The new access road will be crowned and ditched with a running surface of 16 feet and a maximum disturbed width of 28 feet. Appropriate water control will be installed to control erosion.

No pipelines will be crossed with the new construction.

The maximum grade will be less than 8%.

There will be no turnouts.

There will be no major cut and fills, culverts, or bridges.

The access road was centerline flagged during time of staking.

There will be no gates, cattle guards, fence cuts, or modifications to existing facilities.

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.

A BIA right-of-way application to be delivered under separate cover.

Access roads and surface disturbing activities will conform to standards outlined in the BLM and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, 1989.

The road surface and shoulders will be kept in a safe and usable condition and will be maintained in accordance with the original construction standards. All drainage ditches and culverts will be kept clear and free-flowing and will be maintained according to original construction standards. The access road right-of-way will be kept free of trash during operations. All traffic will be confined to the approved right-of-way. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Should mud holes develop, they shall be filled in and detours around them avoided.

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

- a. Water wells - 0
- b. Producing wells - 15
- c. Drilling wells - 0
- d. Shut-in wells - 0
- e. Temporarily abandoned wells - 0
- f. Disposal wells - 0
- g. Abandoned wells - 0
- h. Injection wells - 0

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

The following guidelines will apply if the well is productive.

- a. A diagram showing the proposed production facilities will be submitted via Sundry Notice Form 3160-5 prior to facilities installation.
- b. 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.
- c. A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks). 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.
- d. 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.

- e. If, at any time, the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), the BLM will process a change in authorization to the appropriate statute. The authorization will be subject to the appropriate rental or other financial obligation, as determined by the Authorized Officer.
- f. Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.
- g. The proposed pipeline will leave the well pad in a westerly direction for an approximate distance of 1800' to tie into an existing CIG pipeline. Please see Map D.
- h. All production facilities will be enclosed.

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.

The use of materials under BLM jurisdiction will conform with 43 CFR 3610.2.3. Construction material will not be located on lease.

No construction materials will be removed from Federal/Indian lands without prior approval from the appropriate surface management agency.

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 reserve pit shall be lined and 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. After first production, produced waste water will be confined to the approved pit or storage tank for a period not to exceed 90 days. During the 90 day period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the Authorized Officer's approval.
- e. Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.
- f. A chemical porta-toilet will be furnished with the drilling rig.
- g. 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.
- h. 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.

- i. 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).

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

- a. The reserve pit will be located on the north side of the location.

- b. The stockpiled topsoil (first six inches) will be stored on the south side of the location. All brush removed from the well pad during construction will be stockpiled separately from the topsoil.
- c. The flare pit will be located on the north side of the location, downwind from the prevailing wind direction.
- d. Access will be from the east.
- e. All pits will be fenced according to the following minimum standards:
  - 39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.
  - The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.
  - Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
  - Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.
  - All wire shall be stretched, by using a stretching device, before it is attached to corner posts.
- f. The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

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

- a. Producing Location:

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

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

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

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

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

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

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

The Authorized Officer of the appropriate surface management agency shall be contacted for the required seed mixture. Seed will be drilled on the contour to an appropriate depth.

b. **Dry Hole/Abandoned Location:**

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

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

11. **Surface Ownership:**

a. **Access Roads - The road is located on lands owned by the Uintah & Ouray Indian Tribes and administered in trust by:**

- Bureau of Indian Affairs  
 Uintah & Ouray Agency  
 P.O. Box 130  
 Ft. Duchesne, UT 84026

b. **Well Pad - The well is located on lands owned by the Uintah & Ouray Indian Tribes and administered in trust by:**

- Bureau of Indian Affairs  
 Uintah & Ouray Agency

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, Onshore Oil and Gas Orders, 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. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On BLM administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides or other pesticides or possibly hazardous chemicals.
- c. Drilling rigs and/or equipment used during drilling operations on this location will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. If BLM authorization is obtained, such storage is only a temporary measure.
- d. The BLM office shall be notified upon site completion and prior to moving drilling tools onto the location.
- f. A Class III archeological survey was conducted by Metcalf Archaeological Consultants, Inc. A copy of this report is attached.

13. Lessee's or Operator's Representative and Certification:

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

John D. Martin  
Vice President Drilling  
(713) 877-6806

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

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

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

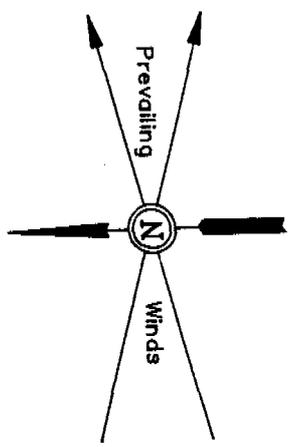
  
\_\_\_\_\_  
Bonnie Carson

12/12/96  
Date

COASTAL OIL & GAS CORP.

LOCATION LAYOUT FOR

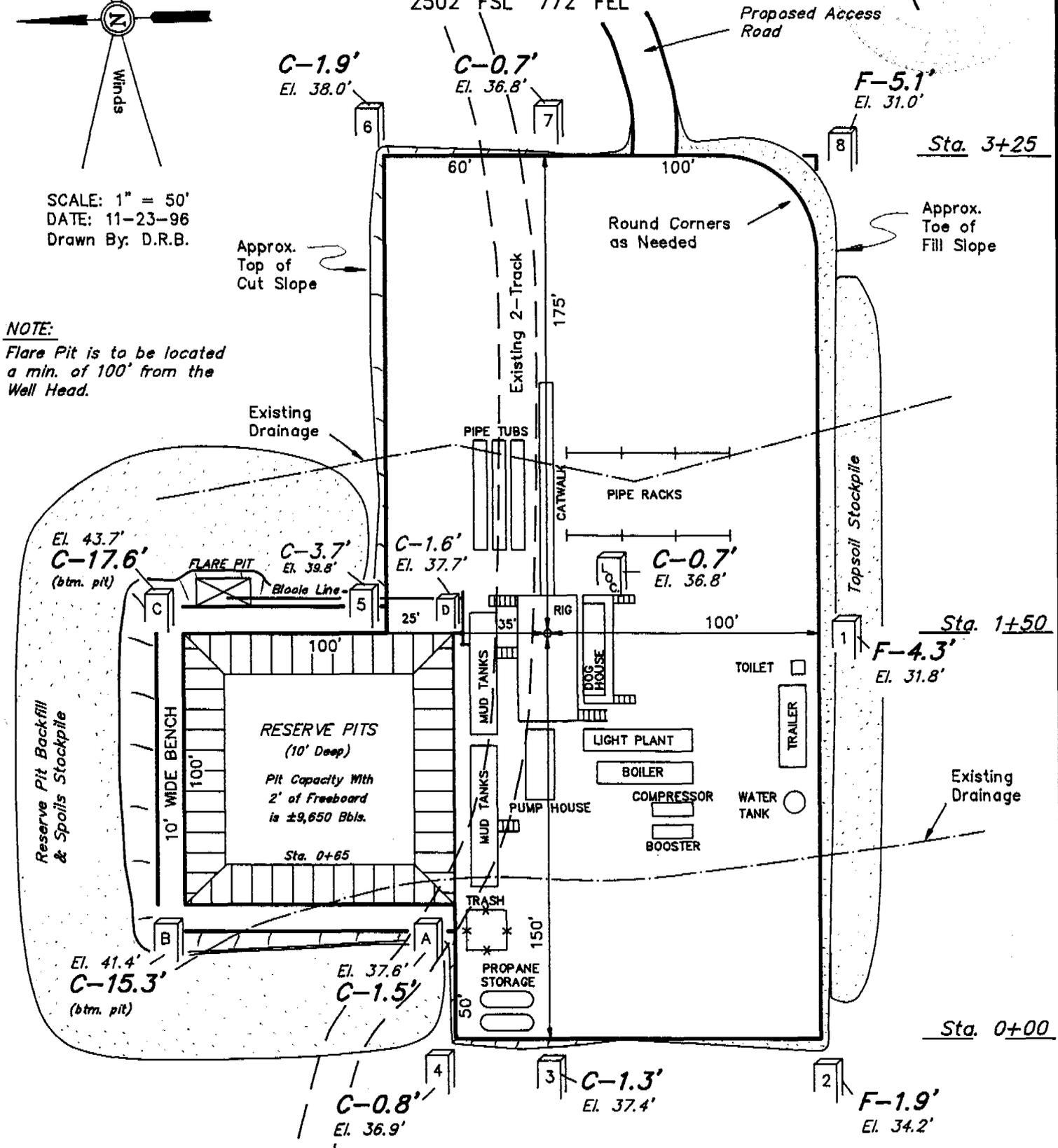
CIGE #198-9-9-21  
SECTION 9, T9S, R21E, S.L.B.&M.  
2502' FSL 772' FEL



SCALE: 1" = 50'  
DATE: 11-23-96  
Drawn By: D.R.B.

NOTE:

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



NOTES:

Elev. Ungraded Ground At Loc. Stake = 4736.8'  
FINISHED GRADE ELEV. AT LOC. STAKE = 4736.1'

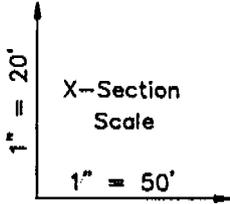
FIGURE #1

# COASTAL OIL & GAS CORP.

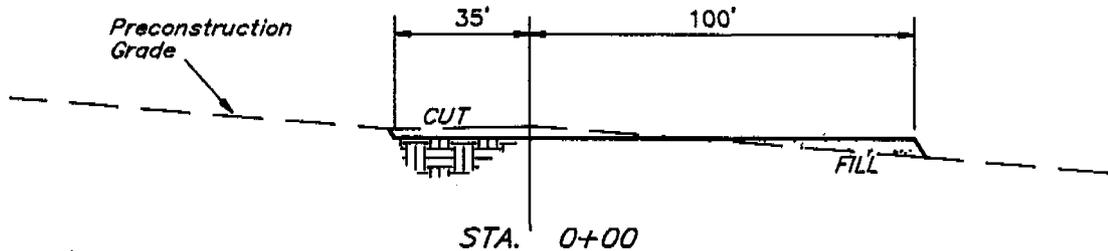
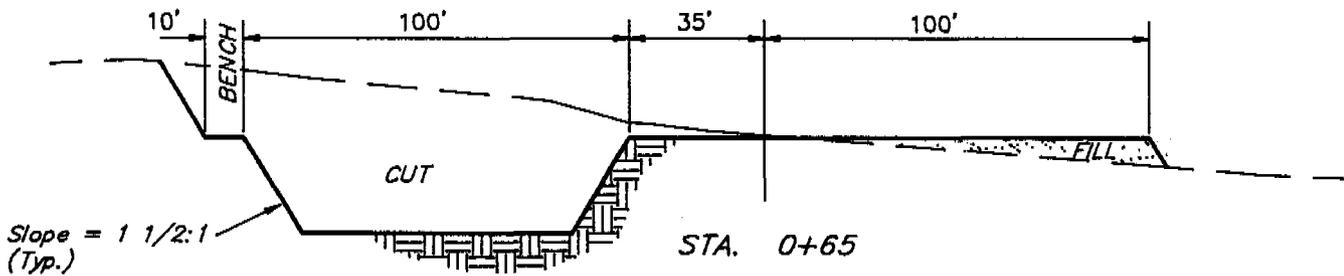
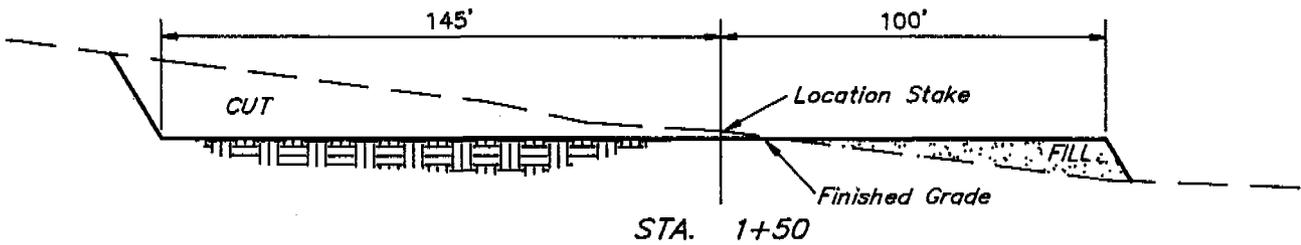
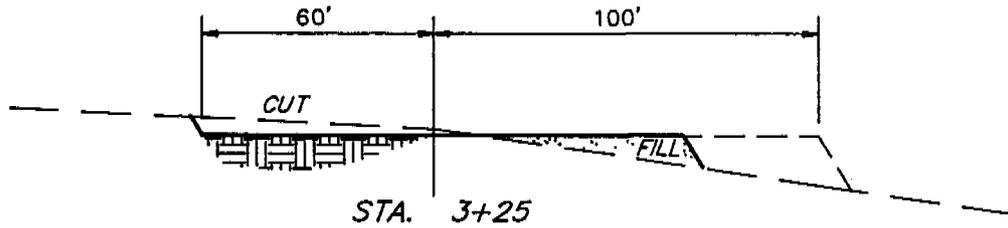
## TYPICAL CROSS SECTIONS FOR

CIGE #198-9-9-21  
SECTION 9, T9S, R21E, S.L.B.&M.  
2502' FSL 772' FEL

*D.R.B.*



DATE: 11-23-96  
Drawn By: D.R.B.

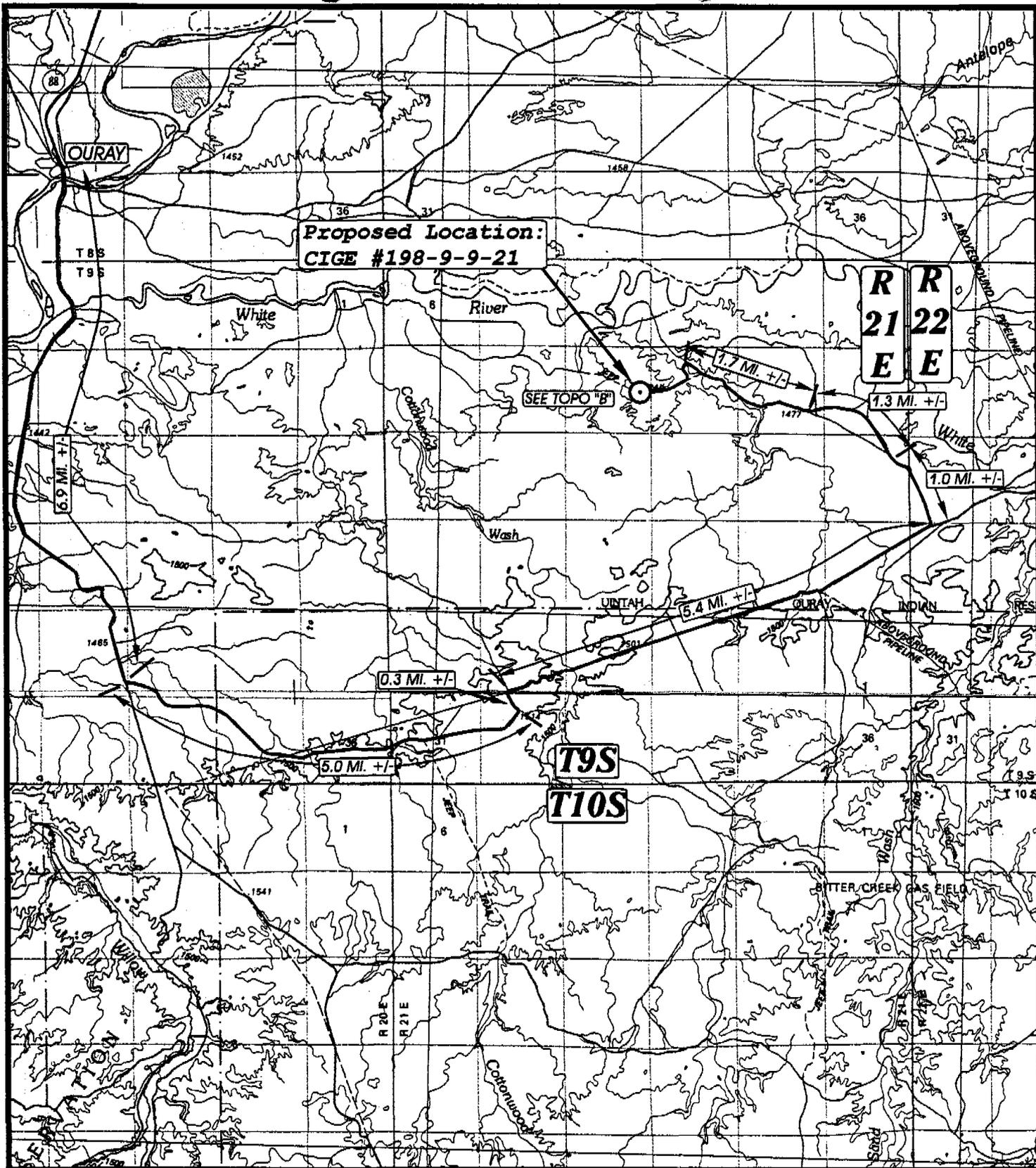


**FIGURE #2**

**APPROXIMATE YARDAGES**

CUT	
(12") Topsoil Stripping	= 2,160 Cu. Yds.
Remaining Location	= 5,430 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 7,580 CU.YDS.</b>
<b>FILL</b>	<b>= 3,880 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 3,500 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,500 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.



**UE**  
**LS**

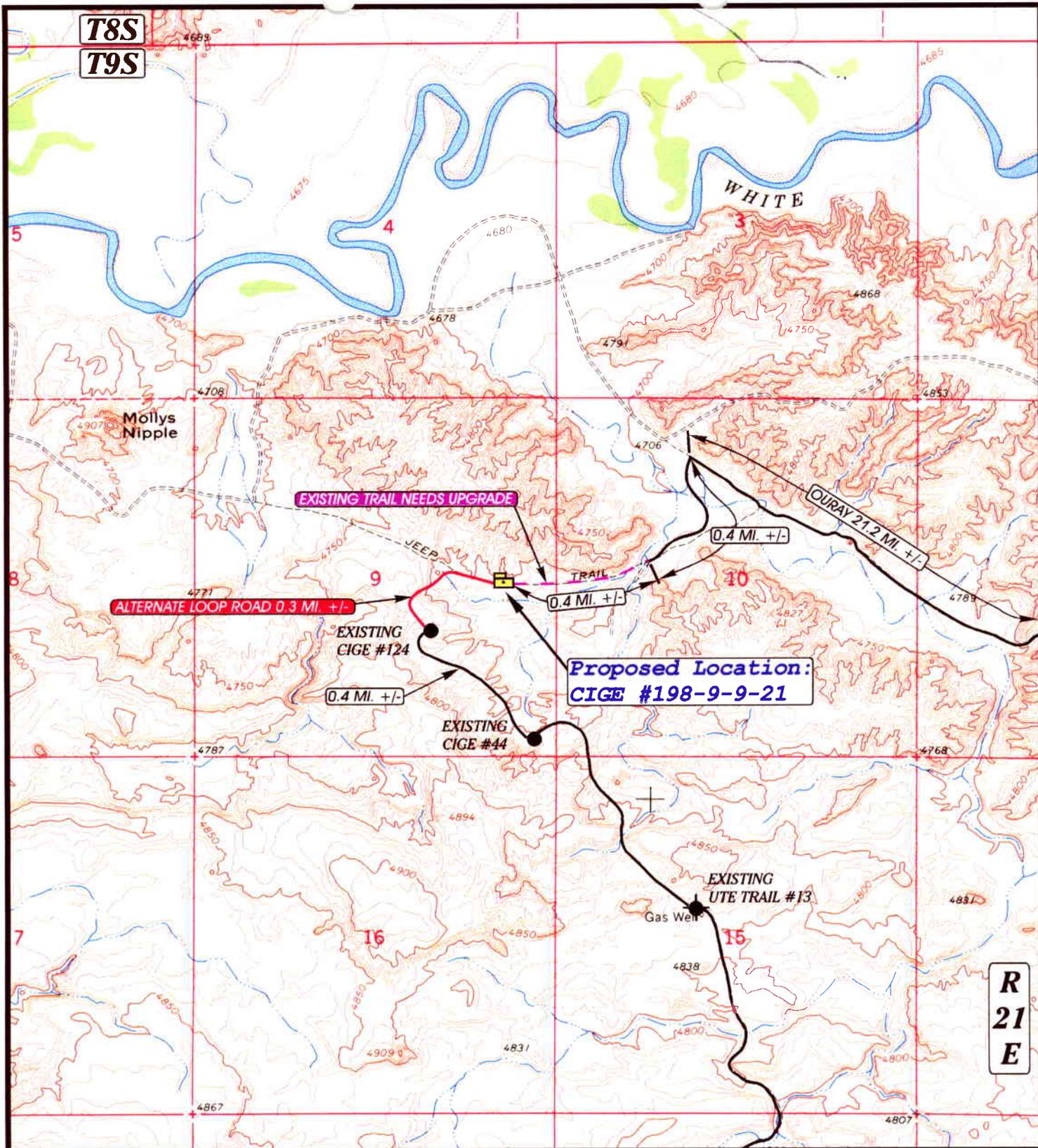
**TOPOGRAPHIC  
MAP "A"**

DATE: 11-23-96  
Drawn by: D.COX



**COASTAL OIL & GAS CORP.**

**CIGE #198-9-9-21  
SECTION 9, T9S, R21E, S.L.B.&M.  
2502' FSL 772' FEL**



**UELS**

**TOPOGRAPHIC  
MAP "B"**

**DATE: 11-23-96**

**Drawn by: D.COX**

**Revised: 11-27-96 D.COX**

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SCALE: 1" = 2000'

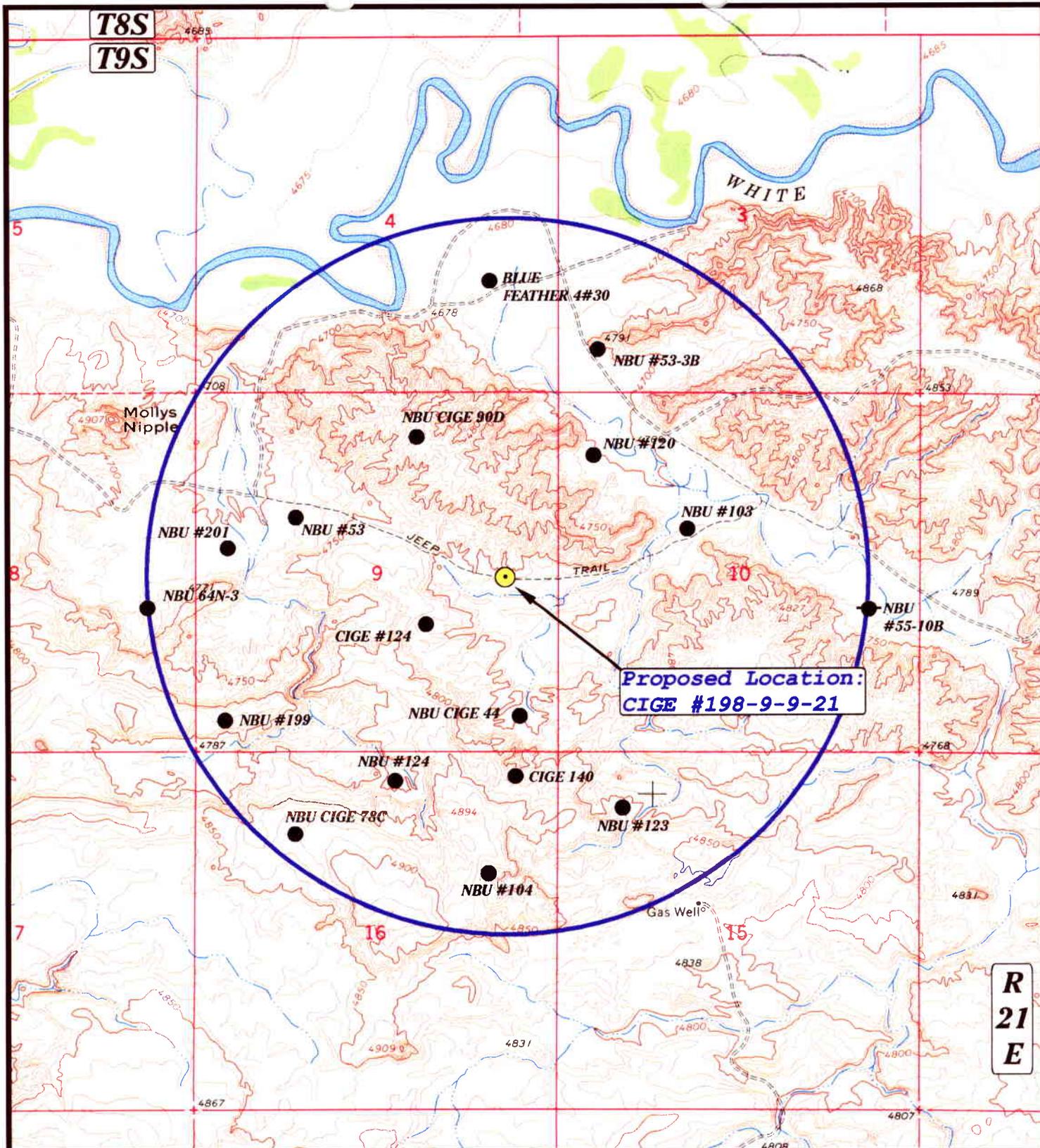
**COASTAL OIL & GAS CORP.**

**CIGE #198-9-9-21**

**SECTION 9, T9S, R21E, S.L.B.&M.**

**2502' FSL 772' FEL**

**R  
21  
E**



T8S  
T9S

R  
21  
E

Proposed Location:  
CIGE #198-9-9-21

**LEGEND:**

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

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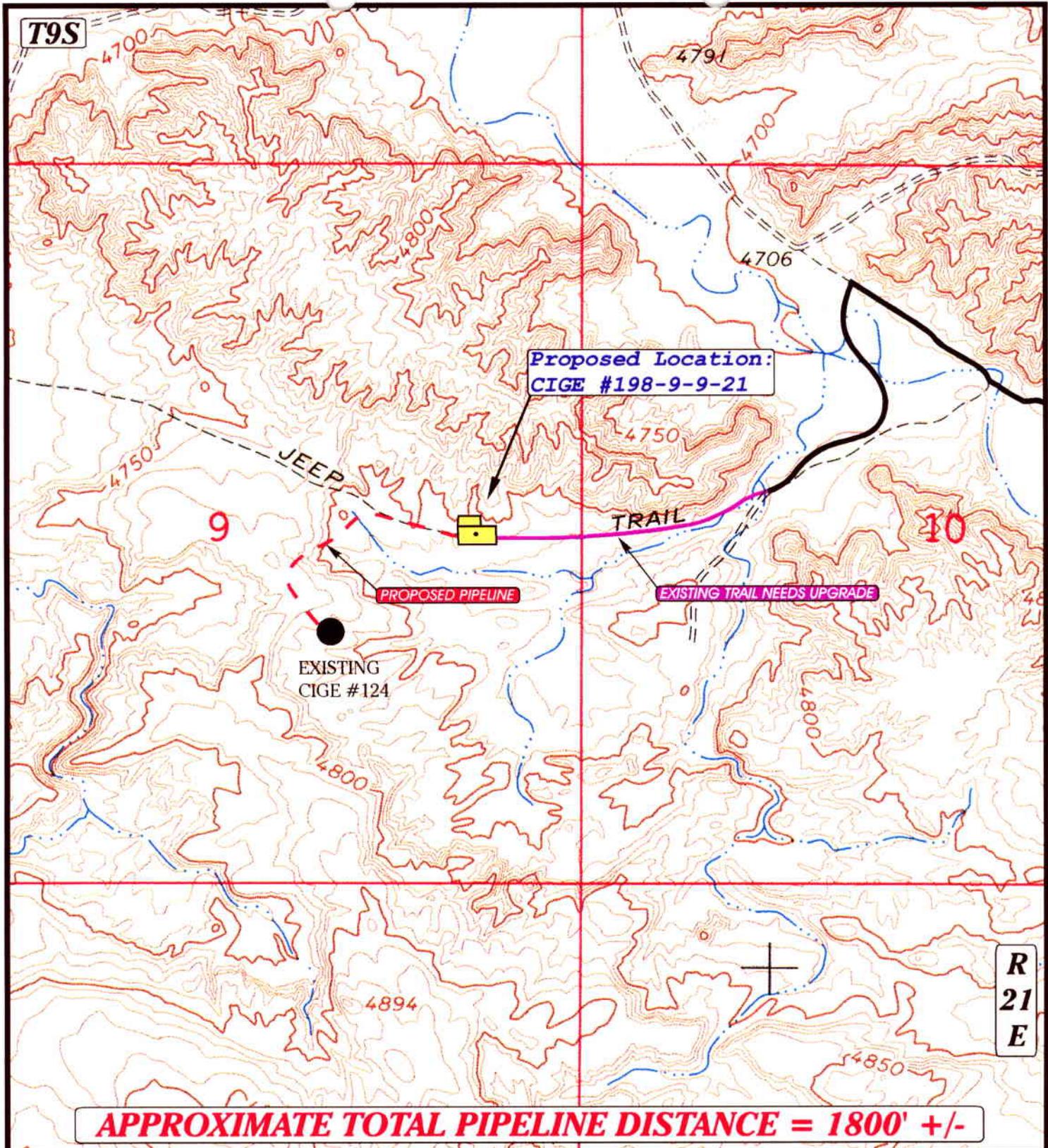


SCALE: 1" = 2000'

**COASTAL OIL & GAS CORP.**

CIGE #198-9-9-21  
SECTION 9, T9S, R21E, S.L.B.&M.  
TOPOGRAPHIC  
MAP "C"

DATE: 11-23-96 Drawn by: D.COX



**TOPOGRAPHIC  
MAP "D"**



- - - - - Proposed Pipeline Alt. #1
- - - - - Proposed Pipeline Alt. #2



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**COASTAL OIL & GAS CORP.**

**CIGE #198-9-9-21**  
**SECTION 9, T9S, R21E, S.L.B.&M.**  
 DATE: 11-23-96  
 Drawn by: D.COX  
 Revised: 11-27-96 D.COX

**Coastal Oil & Gas Corporation's CIGE-198  
Well Pad, Access and Pipeline Corridors  
Class III Cultural Resource Inventory  
Section 9, T9S, R21E, Uintah County, Utah**

Prepared by,  
Michael D. Metcalf  
Metcalf Archaeological Consultants, Inc.  
Eagle, Colorado

Prepared for,  
Coastal Oil & Gas Corporation  
Denver, Colorado

Utah State Project #U-96-MM-0652i

November 1996

## **INTRODUCTION**

Metcalf Archaeological Consultants, Inc. (MAC), conducted a Class III cultural resource inventory of the proposed CIGE-198 well project on Ute Tribal land in Uintah County, Utah for Coastal Oil and Gas Corporation. The project area is located approximately six miles southeast of Ouray and less than one mile south of the White River. The proposed CIGE-198 well location is located in the NE/SE Section 9, T9S, R21E (2502' FSL, 772' FEL) in the dissected ridge and butte topography east of Molly's Nipple (Figure 1).

A ten acre block was inventoried centered on the well center stake. Corridors 100 feet wide were inventoried for the associated access roads and pipelines lying outside the inventory blocks. One proposed access to the well pad is from an existing improved road to the east, and an additional access with an associated pipeline corridor is from existing well CIGE-124 to the west-southwest. Approximately 4000 feet of the proposed access corridors are outside the block. The proposed above ground pipeline parallels the western access road on the north side and is within the access road survey corridor. It connects with an existing above ground pipeline at CIGE-124. Total inventory area for the project is 19.2 acres.

Surface ownership of the affected lands is the Ute Indian Tribe, Uintah and Ouray Agency, Fort Duchesne, Utah. The well pads were inspected by MAC archaeologists John Scott, Kelly Pool, and Dulaney Barclay on November 22 and 24, 1996, accompanied by Ute tribal field technician Alvin Ignacio. Fieldwork was conducted under the State of Utah Antiquities Permit #U-96-MM (expires 9/17/97) and conformed to the stipulations set forth in Utah State Historic Preservation guidelines. All field notes and maps are on file at the MAC office in Eagle, Colorado.

## **STATEMENT OF OBJECTIVES**

Following the mandated policies implementing the National Historic Preservation Act (NHPA [Public Law 89-665]), as amended, this project was inventoried to locate any cultural resources within the potential area of effect. Any discovered cultural resources were to be evaluated for eligibility to the National Register of Historic Places (Register). To be eligible for the Register, the resource must retain essential aspects of integrity and meet one or more of the Criteria for Eligibility (36 CFR §60.4). For archaeological resources, eligibility is typically recommended under Criterion d, on the basis of the information potential of surface artifacts and features, and intact sub-surface cultural deposits. Historical resources may be evaluated under any of the four Criteria on the basis of information potential or significant historic associations.

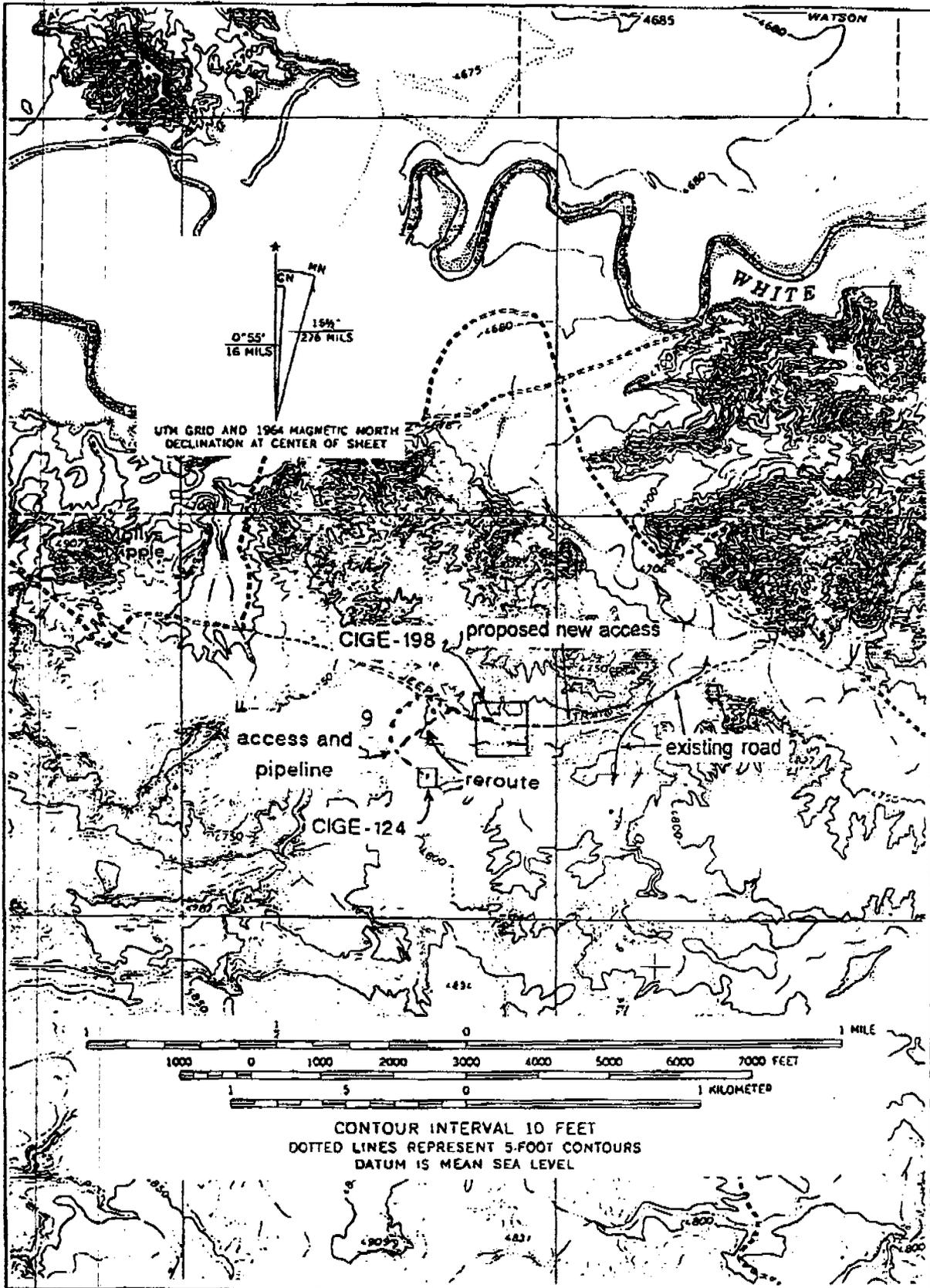


Figure 1 Project area location, T9S, R21E, Section 9, USGS Ouray SE Quad, 7.5', 1964

## **ENVIRONMENT**

The project area is located in the Uintah Basin of northeastern Utah along the White River. This is an area of low dissected mesas and moderately incised drainages. The well pad is situated in eroded upland terrain just south of the White River Valley. The well location itself is within an open, eroded drainage basin that flows easterly and then northerly to the White River. The access corridor from the east follows the north side of an ephemeral drainage, and the western corridor crosses a deflated flat and ascends a low ridge. More resistant sandstone outcrops form narrow benches on the slopes of ridges and benches. Vegetation is sparse and dominated by a thin shadscale saltbush community with scattered greasewood, rabbitbrush, snakeweed, and grasses. Ground surface visibility is excellent, with only a 10-15% vegetation cover.

Soils in the area are generally thin to none existent. Surface sediments are thin, consisting mainly of cobble residuum with localized alluvium in the drainages and a few pockets of eolian sands. Local bedrock is predominantly Eocene sandstone and siltstone of the Uinta Formation, with local areas mantled with Quaternary gravel deposits (Hintze 1980). A few areas of sheet sand, colluvium, and alluvial deposition is located along the eastern access road. Thin, rocky alluvial silt/clay deposits are found on the deflated flat crossed by the western access/pipeline corridor. Sheet sands up to a meter thick extend from the top of the ridge at the southern end of the western access road/pipeline corridor to the edge of the deflated flat. Overall, the potential for buried cultural materials is generally low except in some limited areas along the access/pipeline corridors.

## **FILES SEARCH**

Files searches were conducted through the Utah Division of State History and the BLM, Vernal District Office. These searches indicated that numerous previous oil and gas surveys have been conducted in the vicinity and that two prehistoric sites (42UN1974 and 42UN2304) have been recorded in the southern edge of the section. However, neither of these sites is within or adjacent to the current project area.

## **FIELD METHODS**

A ten acre inventory block around the well center stake was inspected by a series of parallel pedestrian transects spaced 15 m (50 feet) apart. The portions of the access and pipeline corridors outside this ten acre block were inspected using parallel pedestrian transects, one on each side of the staked centerline. Each side of the centerline received coverage amounting to 15 m (50 feet), for a total corridor width of 30 m (100 feet). Special attention was paid to areas of enhanced subsurface visibility, such as eroded areas, rodent backdirt piles, road cuts and animal trails.

If cultural material was located, the area was examined closely until all surface manifestation had been identified and the resource was adequately defined. Appropriate site or isolated find forms and other documentation were then completed, including plotting the resource on the appropriate USGS topographic quadrangle. Sketch maps were prepared using a Brunton Pocket Transit and paced distances. Black and white photographs were taken of all sites.

## RESULTS/RECOMMENDATIONS

Two sites and three isolated finds were recorded within the survey area. Two of the isolated finds are within the area of effect. The latter isolated finds are recommended to be non-significant and not eligible for the Register. The other isolated find and the two sites will not be impacted if the reroute of the western access and pipeline corridor is followed. Cultural resource clearance is recommended for the proposed undertaking with the stipulation that the reroute of the western access and pipeline corridor be followed and that portions of the access roads in depositional settings be monitored by a qualified archaeologist.

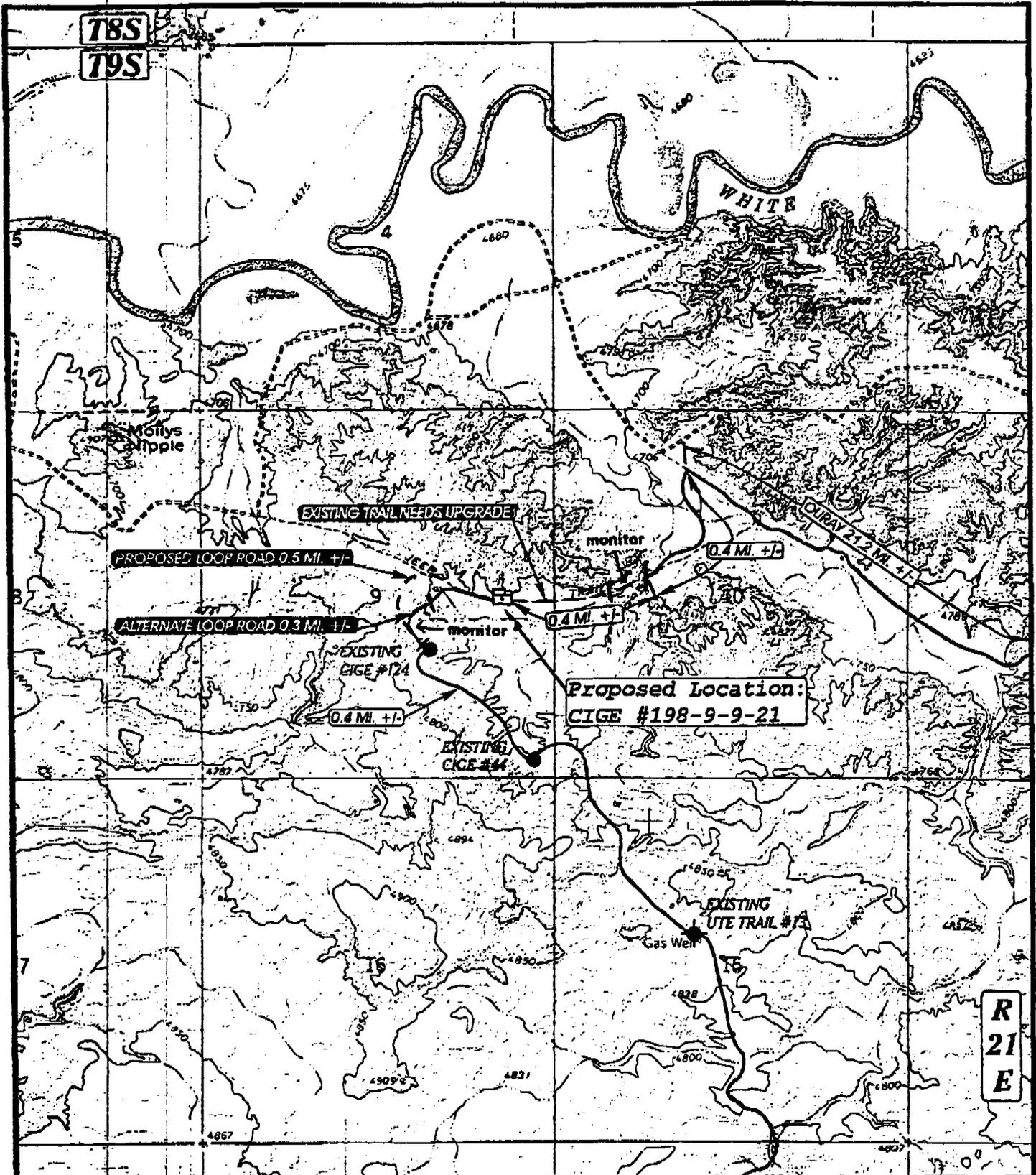
At the request of the Ute tribal technician, it is recommended that construction of portions of the eastern access road and the western access/pipeline be monitored by a qualified archaeologist for discovery of cultural deposits (see Appendix A). Though no surface evidence of such deposits was found during inventory of these areas, the depositional settings are ones where there is some potential for cultural deposits and numerous cultural resources were recorded in adjacent areas. Expected cultural resources are isolated chipped stone debitage, groundstone, and lithic tools. These resources will not necessitate a halt in construction. Cultural manifestations that may necessitate a halt in construction are hearth features, intact cultural surfaces, and human remains. In most cases, delays of only a few minutes occur while the archaeologist, in consultation with the Ute Tribal technician, evaluates the discovery and decides on an appropriate course of action. If the discovery is determined to be significant by the archaeologist or the Ute Tribal technician, longer delays may be necessary while mitigative measures are formulated.

Cultural resource clearance is recommended for the proposed undertaking with the stipulation that the reroute of the western access/pipeline corridor be followed and that construction portions of the eastern access road and the western access/pipeline corridor be monitored.

## REFERENCES CITED

- Hintze, Lehi F.  
1980 *Geologic Map of Utah*. Utah Geological and Mineral Survey, Salt Lake City, UT.

**APPENDIX B  
MONITOR MAP**



U  
E  
L  
S

**TOPOGRAPHIC  
MAP "B"**

DATE: 11-23-96  
Drawn by: D.COX

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SCALE: 1" = 2000'

**COASTAL OIL & GAS CORP.**

CIGE #198-9-9-21  
SECTION 9, T9S, R21E, U.S.B.&M.  
2502' FSL 772' FEL

R  
21  
E

COASTAL OIL & GAS CORPORATION

CIGE #198-9-9-21

NE/SE SECTION 9, T9S, R21E, S.L.B.&M.

UINTAH COUNTY, UTAH

PALEONTOLOGY REPORT

BY

ALDEN H. HAMBLIN  
PALEONTOLOGIST  
P.O. BOX 731  
VERNAL, UTAH 84078

NOVEMBER 24, 1996

RESULTS OF PALEONTOLOGY SURVEY AT CIGE #198-9-9-21, NE/SE SECTION 9 , T9S,  
R21E, UINTAH COUNTY, UTAH.

Description of Geology and Topography-

All Rock outcrops in this area are of the Upper Eocene Uinta Formation. The Uinta Formation is primarily composed of fluvial deposits (stream laid) and is seen in the field as a series of interbedded sandstones and mudstones. Most of the sandstones represent paleostream channels are usually lens shaped in cross section and shoe string-like horizontally. The mudstones usually represent over the bank deposits on ancient flood plains and quite often contain fossils. Fossils also occur in some of the sandstones. The Uinta Formation is known for its fossil vertebrate fauna of mammals, turtles, crocodilians, and occasional fish remains. Plant fossils, though not common have also been found in the Uinta Formation.

The proposed well sits on a south slope with a ridge north of the location. There are sandstone outcrops with patches of sand and several outcrops of mudstone. Several small gullies run south down the slope. The access road comes in from the east and is sand covered for the most part. The pipeline route and another proposed access route runs on to the west and curves south on to a sandy ridge. These two roads follow an old two-track road most of the way.

Fossil Material found-

No fossil were found on the well location.

The proposed pipeline and access road to the west pass through an area of sandstone and mudstone exposures before going on to the ridge top. This area has scattered turtle shell fragments. Several fragments of a possible Baenid type turtle were seen where the proposed road turned southwest off the old two-track and crosses a small ridge. These fragments were not on the road alignment, however.

A small knoll north of the proposed road (before it starts up the ridge) has crocodile (small) bone and teeth fragments, and shell fragments of *Trionyx* and *Echmatemys* turtles. Northwest of this site (just south of the old two-track and near the base of the hill) is an area with several *Echmatemys* turtles and parts of the skull of a small to medium sized mammal (a perissodactyl, possibly *Triplopus* - a small rhino).

Recommendations-

The well location is cleared for paleontology. As long as the road follows the route that was staked, it will be cleared also. At its present location it will miss the two critical fossil sites.

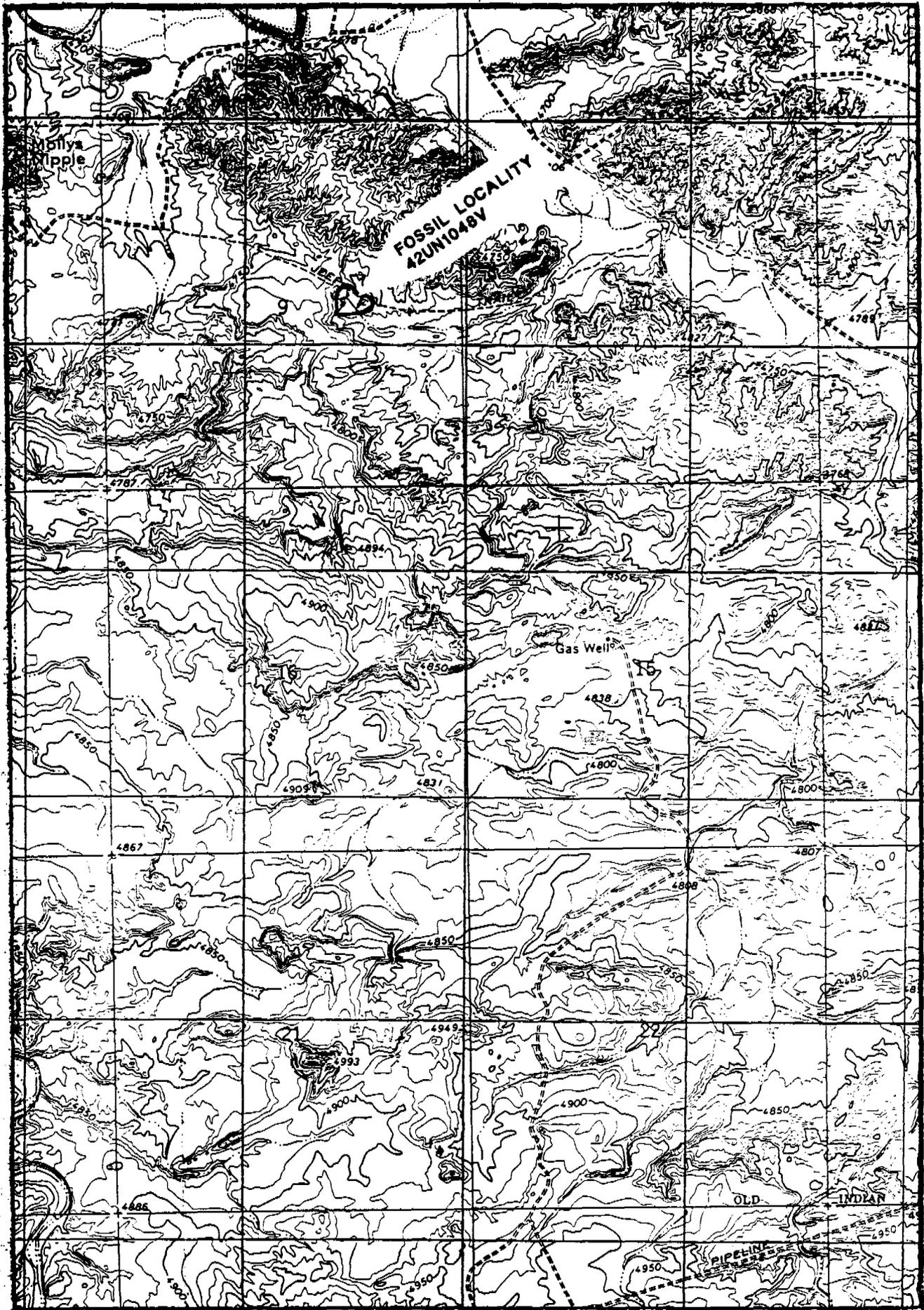
Abel H. Hamblin  
PALEONTOLOGIST

December 1, 1996  
DATE

United States  
Department of the Interior  
Bureau of Land Management

Paleontological Locality Form

1. Permit #/Permittee: Tribal Business Permit #A96- 169 and an Access permit for Paleontology Survey. Alden H. Hamblin.
2. Repository/Accn.#: UTAH FIELD HOUSE OF NATURAL HISTORY
3. Locality #: 42UN1048V [ ] Plant [X] Vertebrate [ ] Invertebrate [ ] Other
4. Formation (and subdivision, if known): Uinta Formation, upper lower member
5. Age: Late Eocene 6. County: Uintah
7. BLM District: VERNAL -UTE TRIBAL LAND 8. Resource Area: Natural Butte Field
9. Map name: Ouray SE, Utah 10. Map source: U.S.G.S. 7 1/2 min. Quad.
11. Map scale: 1:24,000 12. Map edition: 1964
13. Latitude (deg., min., sec., direction): \_\_\_\_\_
14. Longitude (deg., min., sec., direction): \_\_\_\_\_
- or: UTM Grid Zone: 12 T (A) 623444 mE 4434182 mN  
(B) 623391 mE 4434278 mN  
(C) 623493 mE 4434253 mN
15. Survey (Section, Township & Range): SE/SW/NE & NE/NW/SE of Sec. 10, T9S, R21E, SLB&M
16. Taxa observed/collected: The proposed pipeline and access road to the west pass through an area of sandstone and mudstone exposures before going on to the ridge top. This area has scattered turtle shell fragments. Several fragments of a possible Baenid type turtle were seen where the proposed road turned southwest off the old two-track and crosses a small ridge. These fragments were not on the road alignment, however. A small knoll north of the proposed road (before it starts up the ridge) has crocodile (small) bone and teeth fragments, and shell fragments of *Trionyx* and *Echmatemys* turtles. Northwest of this site (just south of the old two-track and near the base of the hill) is an area with several *Echmatemys* turtles and parts of the skull of a small to medium sized mammal (a perissodactyl, possibly *Triplopus* - a small rhino).
17. Discoverer(s)/Collector(s): Alden H. Hamblin / Alvin Ignacio
18. Date(s): November 22 & 25, 1996
19. Locality Classification: Class 1 X Class 2 \_\_\_ Class 3 \_\_\_ Class 4 \_\_\_ Class 5 \_\_\_  
(1 = Critical, 2 = Significant, 3 = Important, 4 = Insignificant, 5 = Unimportant)
20. Remarks: This fossil site was found during the paleontology survey of Coastal Oil & Gas well CIGE #198-9-9-21.



WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/13/96

API NO. ASSIGNED: 43-047-32799

WELL NAME: CIGE 198-9-9-21  
OPERATOR: COASTAL OIL & GAS CORP (N0230)

PROPOSED LOCATION:  
NESE 09 - T09S - R21E  
SURFACE: 2502-FSL-0772-FEL  
BOTTOM: 2502-FSL-0772-FEL  
UINTAH COUNTY  
NATURAL BUTTES FIELD (630)

LEASE TYPE: FED  
LEASE NUMBER: U - 01188

PROPOSED PRODUCING FORMATION: WSTC

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

Plat  
 Bond: Federal  State  Fee   
(Number 11605382-9)  
 Potash (Y/N)  
 Oil shale (Y/N)  
 Water permit  
(Number 43-8496)  
 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: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

STIPULATIONS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

STATE OF UTAH, DIV OF OIL, GAS & MINERALS

Operator: COASTAL OIL & GAS CORP	Well Name: CIGE 198-9-9-21
Project ID: 43-047-32799	Location: SEC 9 - T9S - R21E

Design Parameters:

Mud weight ( 8.90 ppg) : 0.462 psi/ft  
 Shut in surface pressure : 2863 psi  
 Internal gradient (burst) : 0.081 psi/ft  
 Annular gradient (burst) : 0.000 psi/ft  
 Tensile load is determined using air weight  
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125  
 Burst : 1.00  
 8 Round : 1.80 (J)  
 Buttress : 1.60 (J)  
 Other : 1.50 (J)  
 Body Yield : 1.50 (B)

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost		
1	7,500	4.500	11.60	K-55	LT&C	7,500	3.875		
	Collapse Load	Strgth (psi)	S.F.	Burst Load	Min Int Strgth	Yield S.F.	Tension Load	Strgth (kips)	S.F.
1	3468	4960	1.430	3468	5350	1.54	87.00	180	2.07 J

Prepared by : MATTHEWS, Salt Lake City, Utah  
 Date : 01-16-1997  
 Remarks :

WASATCH

Minimum segment length for the 7,500 foot well is 1,500 feet.  
 SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas temperature of 131°F (Surface 74°F , BHT 179°F & temp. gradient 1.400°/100 ft.)  
 String type: Production  
 The mud gradient and bottom hole pressures (for burst) are 0.462 psi/ft and 3,468 psi, respectively.

**NOTE:** The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.  
 Costs for this design are based on a 1987 pricing model. (Version 1.07)



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)

January 16, 1997

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

Re: CIGE 198-9-9-21 Well, 2502' FSL, 772' FEL, NE SE,  
Sec. 9, T. 9 S., R. 21 E., Uintah County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-32799.

Sincerely,

A handwritten signature in black ink, appearing to read "R. G. Finth".

R. G. Finth  
Associate Director

lwp

Enclosures

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

Operator: Coastal Oil & Gas Corporation  
Well Name & Number: CIGE 198-9-9-21  
API Number: 43-047-32799  
Lease: U-01188  
Location: NE SE Sec. 9 T. 9 S. R. 21 E.

### Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours 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 Frank Matthews at (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.

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.

U-01188

6. If Indian, Alottee or Tribe Name

Ute

7. If Unit or CA, Agreement Designation

Natural Buttes Unti

8. Well Name and No.

CIGE #198-9-9-21

9. API Well No.

43-047-32799

10. Field and Pool, Or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, 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)

2502' FSL & 772' FEL

Section 9, T9S-R21E

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other Variance: Automatic ignitor

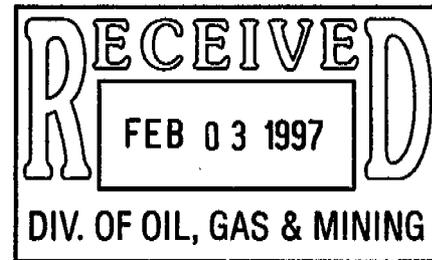
Change of Plans  
 New Construction  
 Non-Routine Fracturing  
 Water Shut-Off  
 Conversion to Injection  
 Dispose Water

(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 markets and zones pertinent to this work.)\*

The Operator requests a variance to the stipulation for air drilling that requires installation of an automatic ignitor. Drilling on the referenced well will be conducted with an air/ mist medium.

Verbal approval to proceed without an automatic ignitor was given by Ed Forsman, Vernal BLM office, on 1/22/97.



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

Signed Bonnie Carson Title Senior Environmental Analyst Date 01/29/97  
Bonnie Carson

(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.

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

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

Form approved.  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK  
 DRILL                       DEEPEN                       PLUG BACK

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

2. NAME OF OPERATOR  
 Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR  
 P.O. Box 749, Denver, CO 80201-0749                      (303) 572-1121

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface                      2502' FSL & 772' FEL  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately 53 miles southwest of Vernal, Utah.

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit lide, if any)                      2502'

16. NO. OF ACRES IN LEASE                      880

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

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

19. PROPOSED DEPTH                      7500'

20. ROTARY OR CABLE TOOLS                      Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 Ungraded GR - 4737'

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

5. LEASE DESIGNATION AND SERIAL NO.  
 U-01188

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 Ute

7. UNIT AGREEMENT NAME  
 Natural Buttes Unit

8. FARM OR LEASE NAME  
 CIGE

9. WELL NO.  
 #198-9-9-21

10. FIELD AND POOL, OR WILDCAT  
 Natural Buttes

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA  
 Section 9-T9S-R21E

12. COUNTY OR PARISH                      13. STATE  
 Uintah                      Utah

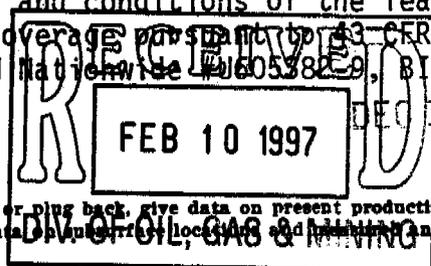
23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Please see attached Drilling Program.				

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

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

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 operations conducted upon the leased lands. Bond coverage provided by 43 CFR 3104 for lease activities is being provided by Coastal bonds: BLM Nationwide #16053829, BIA Nationwide #114066-A, and State of Utah #102103.



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

24. SIGNED Bonnie Carson TITLE Sr. Environmental Analyst DATE 12/12/96

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
Assistant Field Manager  
 APPROVED BY [Signature] TITLE Mineral Resources DATE JAN 23 1997  
 CONDITIONS OF APPROVAL, IF ANY:

**CONDITIONS OF APPROVAL ATTACHED**

\*See Instructions On Reverse Side



**CONDITIONS OF APPROVAL**  
**APPLICATION FOR PERMIT TO DRILL**

Company/Operator: Coastal Oil & Gas Corporation

Well Name & Number: CIGE 198-9-9-21

API Number: 43-047-32799

Lease Number: U-01188

Location: NESE Sec. 9 T. 9S R. 21E

**NOTIFICATION REQUIREMENTS**

- Location Construction - at least forty-eight (48) hours prior to construction of location and access roads.
- Location Completion - prior to moving on the drilling rig.
- Spud Notice - at least twenty-four (24) hours prior to spudding the well.
- Casing String and Cementing - at least twenty-four (24) hours prior to running casing and cementing all casing strings.
- BOP and Related Equipment Tests - at least twenty-four (24) hours prior to initiating pressure tests.
- First Production Notice - within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative by the operator to insure compliance.

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

### A. DRILLING PROGRAM

#### 1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report **ALL** water shows and water-bearing sands to Tim Ingwell of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

#### 2. Pressure Control Equipment

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

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

If conductor pipe is set it will be cemented to surface. If drive pipe is used it will be pulled prior to cementing surface casing.

As a minimum, the usable water shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the Usable Water, identified at  $\pm$  2252 ft.. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

The Gamma Ray and Induction Logs need to be pulled from TD to the Surface Shoe.

A cement bond log (CBL) will be run from the production casing shoe to  $\pm$  2152 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted following initial installation and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approval or notification is necessary, please contact one of the following individuals:

Wayne Bankert Petroleum Engineer	(801) 789-4170
Ed Forsman Petroleum Engineer	(801) 789-7077
Jerry Kenczka Petroleum Engineer	(801) 789-1190
BLM FAX Machine	(801) 781-4410

## EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids

## SURFACE USE PROGRAM

These Surface Use Conditions of Approval come from the BIA Concurrence letter and Environmental Analysis Mitigation Stipulations.

### Concurrence Letter:

The Ute Tribe Energy and Mineral Department is to be notified 48 hours prior to construction.

A qualified Archaeologist is to monitor construction of wellpad, access road and pipeline right-of-way, accompanied by a Tribal Technician. The Ute Tribe Energy & Mineral Department shall be consulted if cultural remains from subsurface deposits are exposed or identified during construction.

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

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

All personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area

All mitigation Stipulations from the BIA combined site specific Environmental Analysis will be strictly adhered to.

Upon completion of APD and Right-of-way construction, the Ute Tribe Energy & Mineral Department will be notified by Coastal Oil & Gas, so that a Tribal Technician can verify an Affidavit of Completion.

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

Although the road rights-of-way will be 30 feet in width, the graded area will be limited in most places to 21 feet between the two outer edges of the barrow pits. Where deep cuts are required for road construction, or where intersections or sharp curves occur the road may be wider than 21 feet to accommodate large equipment.

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

Use a closed production system. The BIA notes that Coastal has agreed to use a closed system for this well. Production fluids will be contained in leak proof tanks. All production fluids will be disposed of at approved disposal sites. The indiscriminate dumping of production fluids on roads, wellsites or other areas will not be allowed. An open drilling system is planned for the project. Within 90 days after the well is completed, excess fluids will be removed from the reserve pits and hauled to an approved disposal site. The pits will then be backfilled.

Production fluids will be contained in leak proof tanks. All production fluids will be disposed of at approved disposal sites. The indiscriminate dumping of production fluids on roads, wellsites or other areas will not be allowed.

Surveys were performed by Metcalf Archaeological Consultants.. The consultant recommends clearance for the project as it is presently staked with the stipulation that construction in sandy areas be monitored by a qualified archaeologist.



<i>Well</i>	<i>Lease Designation &amp; Serial Number</i>	<i>If Indian, Allottee or Tribe Name</i>	<i>API #</i>	<i>Location of Well at Surface</i>	<i>Section, Township &amp; Range</i>
CIGE #186-35-9-22	U-010954-A	N/A	43-047-32590	1632' FSL & 1911' FEL	Section 35-T9S-R22E
CIGE #187-13-10-20	U-4485	N/A	43-047-32607	900' FNL & 2200' FWL	Section 13-T10S-R20E
CIGE #197-7-9-21	USA U-0149767	Ute	43-047-32798	854' FNL & 2178' FEL	Section 7-T9S-R21E
CIGE #198-9-9-21	USA U-01188	Ute	43-047-32799	2502' FSL & 772' FEL	Section 9-T9S-R21E
CIGE #199-14-9-21	USA U-01193	Ute	43-047-32801	959' FNL & 1760' FWL	Section 14-T9S-R21E
CIGE #200-16-9-21	USA U-38409	Ute	43-047-32802	1950' FNL & 2500' FWL	Section 16-T9S-R21E
CIGE #201-18-9-21	USA U-0575	Ute	43-047-32804	1814' FNL & 944' FEL	Section 18-T9S-R21E
CIGE #202-21-9-21	USA U-0576	Ute	43-047-32805	785' FSL & 471' FEL	Section 21-T9S-R21E
NBU #252	USA U-0141315	Ute	43-047-32800	641' FNL & 1845' FWL	Section 10-T9S-R21E
NBU #255	USA U-0576	Ute	43-047-32806	642' FSL & 1235' FWL	Section 21-T9S-R21E

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: COASTAL OIL & GAS

Well Name: CIGE 198-9-9-21

Api No. 43-047-32799

Section: 9 Township: 9S Range: 21E County: UINTAH

Drilling Contractor

Rig #

SPUDDED:

Date 4/25/97

Time

How DRY HOLE

Drilling will commence

Reported by D. HACKFORD

Telephone #

Date: 4/30/97 Signed: JLT



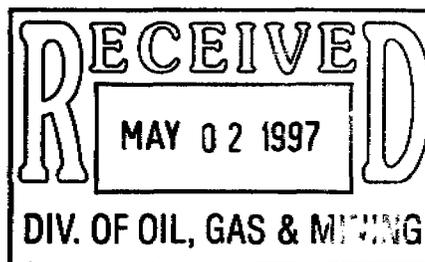
**ENTITY ACTION FORM - FORM 6**

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	43-047-32799	CIGE #198-9-9-21	NESE	9	9S	21E	Uintah	4/25/97	4/25/97
WELL 1 COMMENTS: (A - CIGE) <i>Entity added 5-13-97. See (Natural Buttes Unit)</i>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

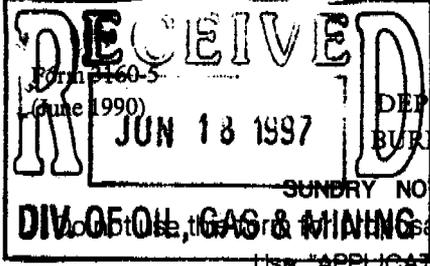
**ACTION CODES (See instructions on back of form)**

- 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)

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



*Sheila Bremer*  
 Signature Sheila Bremer  
 Title Environ. & Safety Analyst Date 4/29/97  
 Phone No. (303) 573-4455



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

DIV. OF OIL, GAS & MINING

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. U-01188
6. If Indian, Allottee or Tribe Name Ute
7. If Unit or CA, Agreement Designation Natural Buttes Unit
8. Well Name and No. CIGE 198-9-9-21
9. API Well No. 43-047-32799
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 [X] 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) 573-4455
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2502' FSL & 772' FEL NE/SE Section 9-T9S-R21E

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

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

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

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

14. I hereby certify that the foregoing is true and correct. Signed: Sheila Bremer, Title: Environmental & Safety Analyst, Date: 6/16/97

(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.



**WELL CHRONOLOGICAL REPORT**

<b>WELL NAME:</b> CIGE #198	<b>FIELD NAME:</b> NATURAL BUTTES	<b>COUNTY:</b> UINTAH
<b>AFE#:</b> 18722	<b>OPERATOR:</b> COASTAL OIL & GAS CORP.	<b>SPUD DATE:</b>
<b>WI%:</b>		

**DATE:** 4/27/97      **DEPTH:** 258      **ACTIVITY AT REPORT TIME:** WO ROTARY RIG  
**HOURS:** 0.00      **PROGRESS:** 0 ft  
**MW:** 0.0      **DAILY COST:** \$7,882.60      **CUMM COST :** \$7,882.60

**ACTIVITY LAST 24 HOURS:** SPUD @ 8:30 AM 4/25/97 W/BILL JR RAT HOLE DRLG SERV. DRILL 11" HOLE TO 260'. RIH W/6 JTS 8 5/8" 24# 8RD ST&C J55 CSG. TALLY RAN 258'. CMT CSG W/85 SXS PPAG W/2% CACL2. DISPL W/13.5 BBL H2O. CIRC +/- 6 BBLs CMT TO PIT. RAN 3 CENTRALIZERS & WOOD PLUG. CMTD W/HALLIBURTON. BLM NOTIFIED JOB NOT WITNESSED

**DATE:** 5/31/97      **DEPTH:** 272      **ACTIVITY AT REPORT TIME:** BOP TEST  
**HOURS:** 0.00      **PROGRESS:** 0 ft  
**MW:** 0.0      **DAILY COST:** \$38,737.60      **CUMM COST :** \$46,620.20

**ACTIVITY LAST 24 HOURS:** MOVE & RU. INSTALL BOP TEST BOP

**DATE:** 6/1/97      **DEPTH:** 1000      **ACTIVITY AT REPORT TIME:** DRLG  
**HOURS:** 14.00      **PROGRESS:** 725 ft  
**MW:** 0.0      **DAILY COST:** \$12,149.50      **CUMM COST :** \$58,769.70

**ACTIVITY LAST 24 HOURS:** TESTED BOP. TESTED CSG TO 1500 PSI FOR 30 MIN. LOST 150 PSI. VERBAL APPROVAL F/ED FORSMAN W/BLM. NO BLM WITNESS. PU BIT & 6 1/4" DC DRILLED CMT 225-272' DRLD FORM 272-593' SURVEY DRLG 593-1000'

WELL NAME: CIGE #198

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 18722

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 6/2/97      DEPTH:            2026      ACTIVITY AT REPORT TIME: DRLG  
                                  HOURS:            23.00      PROGRESS:            1026 ft  
                                  MW:                    8.6      DAILY COST:    \$15,619.50      CUMM COST :            \$74,389.20

ACTIVITY LAST 24 HOURS:      DRLG 1000-1594'    SURVEY    RS    DRLG 1594-2026'

DATE: 6/3/97      DEPTH:            3200      ACTIVITY AT REPORT TIME: DRLG  
                                  HOURS:            22.25      PROGRESS:            1174 ft  
                                  MW:                    8.6      DAILY COST:    \$19,393.00      CUMM COST :            \$93,782.20

ACTIVITY LAST 24 HOURS:      DRLG 2026-2088'    SURVEY @ 2046'    DRLG 2088-2395'    RS    DRLG 2395-2611'    SURVEY @ 2569'  
                                  DRLG 2611-3110'    SURVEY    DRLG 3110-3200'

DATE: 6/4/97      DEPTH:            4325      ACTIVITY AT REPORT TIME: DRLG  
                                  HOURS:            22.50      PROGRESS:            1125 ft  
                                  MW:                    8.7      DAILY COST:    \$26,805.50      CUMM COST :            \$120,587.70

ACTIVITY LAST 24 HOURS:      DRLG 3200-3575'    RS    SURVEY @ 3533'    DRLG 3575- 4069'    SURVEY @ 4027'    DRLG 4069-4325'

WELL NAME: CIGE #198

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 18722

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 6/5/97      DEPTH:                    5250      ACTIVITY AT REPORT TIME: DRLG  
 HOURS:                    22.50      PROGRESS:                    925 ft  
 MW:                            8.7      DAILY COST:    \$14,681.20      CUMM COST :                    \$135,268.90

ACTIVITY LAST 24 HOURS:      DRLG 4325-4597' SURVEY @ 4555'      DRLG 4597-4722' RS      DRLG 4722-5097' SURVEY @ 5055'  
 DRLG 5097-5250'. DB: 4973-4976'

DATE: 6/6/97      DEPTH:                    5760      ACTIVITY AT REPORT TIME: DRLG  
 HOURS:                    15.00      PROGRESS:                    510 ft  
 MW:                            8.6      DAILY COST:    \$18,188.30      CUMM COST :                    \$153,457.20

ACTIVITY LAST 24 HOURS:      DRLG 5250-5426' FILLED HOLE WWTR & SURVEY TOH W/BIT #1 RIG REPAIR. FLUSHED ENGINE  
 RADIATORS TIH W/BIT #2 UNLOAD HOLE DRLG 5426-5465' RS DRLG 5465-5760'

DATE: 6/7/97      DEPTH:                    6313      ACTIVITY AT REPORT TIME: DRLG  
 HOURS:                    23.00      PROGRESS:                    553 ft  
 MW:                            8.7      DAILY COST:    \$13,862.00      CUMM COST :                    \$167,319.20

ACTIVITY LAST 24 HOURS:      DRLG 5760-5960' RS SURVEY DRLG 5960-6313'. DB: 5988-5997', 6040-6046'

WELL NAME: CIGE #198

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 18722

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 6/8/97      DEPTH: 6858      ACTIVITY AT REPORT TIME: DRLG  
 HOURS: 23.00      PROGRESS: 545 ft  
 MW: 8.7      DAILY COST: \$13,843.70      CUMM COST : \$181,162.90

ACTIVITY LAST 24 HOURS: DRLG 6313-6459' RS SURVEY DRLG 6459-6858'

DATE: 6/9/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: CIRC & COND FOR LOGS  
 HOURS: 16.50      PROGRESS: 393 ft  
 MW: 8.7      DAILY COST: \$13,041.00      CUMM COST : \$194,203.90

ACTIVITY LAST 24 HOURS: DRLG 6858-7107' RS DRLG 7102-7251' CIRC FOR SHORT TRIP SHORT TRIP 30 STDS W&R  
 7190-7251' CIRC & COND & SPOT 10# GELLED BRINE. BIT QUIT DRILLING @ 7251'. STEVE LANEY IN  
 DENVER CALLED IT TD. DB: 6906-15', 6929-35', 6986-95'

DATE: 6/10/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: TIH  
 HOURS: 0.00      PROGRESS: 0 ft  
 MW: 10.0      DAILY COST: \$27,532.50      CUMM COST : \$221,736.40

ACTIVITY LAST 24 HOURS: POOH SLM RU SCHLUMBERGER TO LOG. WELL BRIDED @ 5762' TIH BRIDE @ 5762'. TOOK 5000# &  
 FELL THRU CIRC POOH LOGGING. RUN PLATFORM EXPRESS. LOGGERS TD 7232'. MAX TEMP  
 167 DEGS TIH

**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: CIGE #198

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 18722

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 6/11/97

DEPTH:

7251

ACTIVITY AT REPORT TIME: RD RT

HOURS:

0.00

PROGRESS:

0 ft

MW:

0.0

DAILY COST: \$117,335.90

CUMM COST :

\$339,072.30

**ACTIVITY LAST  
24 HOURS:**

TIH RU T&M AND LD DRILL STRING RAN 189 JTS 4 1/2" 11.6# N80 W/GEMACO FLOAT EQUIP ( 1 SHOE  
 JT). TOTAL STRING 7262.53' 30 CENT, 1 ON EVERY OTHER JT F/TD CIRC & COND F/CMT W/FULL RET  
 CMT W/DOWELL PMPD 10 BBLs GEL WTR, 80 BBLs WTR W/1/1000 F75N LEAD. 708 SXS HILIFT WT 12  
 PPG, Y 2.06. 335 BBLs TAIL 710 SXS SELFSTRESS, WT 14.5, Y 1.53. 193 BBLD. DROP PLUG & DISPL  
 W/15 ACETIC ACID & 97 KCL WTR. PLUG BUMPED. FLOATS HELD. LOST ROT @ START OF DISP BUT  
 HOLE STAYED FULL. CMT IN PLACE @ 22:00 HRS 6/10/97 SET 4 1/2" CSG SLIPS W/80,000 ND BOP'S.  
 CUT OFF 4 1/2" & CLEAN PITS. RIG RELEASED 01:30 RD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

5. Lease Designation and Serial No.

U-01188

6. If Indian, Allottee or Tribe Name

Ute

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

8. Well Name and No.

CIGE 198-9-9-21

9. API Well No.

43-047-32799

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) 573-4455

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

2502' FSL & 772' FEL  
NE/SE Section 9-T9S-R21E

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

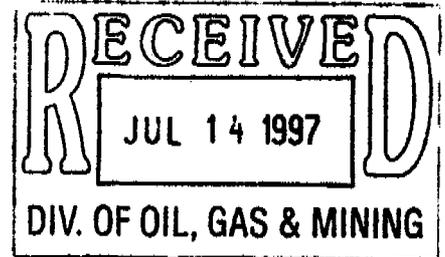
TYPE OF ACTION

- Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other First Production  
 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.)\*

First production for the subject well occurred on July 4, 1997.



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

Signed Sheila Bremer

Sheila Bremer

Title Environmental & Safety Analyst

Date 7/11/97

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

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.

U-01188

6. If Indian, Allottee or Tribe Name

Ute

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

CIGE 198-9-9-21

9. API Well No.

43-047-32799

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) 573-4455

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

2502' FSL & 772' FEL  
NE/SE Section 9-T9S-R21E

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

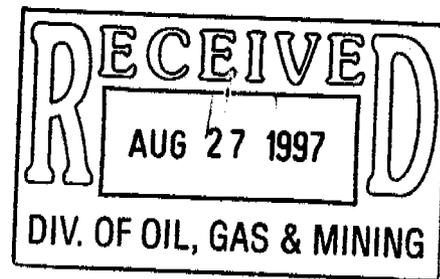
TYPE OF ACTION

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 Altering Casing  
 Other Completion Operations  
 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.)\*

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



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

Signed

*Sheila Bremer*

Title Sheila Bremer

Environmental & Safety Analyst

Date 8/25/97

(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.

WELL NAME: CIGE #198

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 18722

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 6/11/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: RD RT  
 HOURS: 0.00      PROGRESS: 0 ft  
 MW: 0.0      DAILY COST: \$117,335.90      CUMM COST : \$339,072.30

ACTIVITY LAST  
24 HOURS:

TIH RU T&M AND LD DRILL STRING RAN 189 JTS 4 1/2" 11.6# N80 W/GEMACO FLOAT EQUIP ( 1 SHOE  
 JT). TOTAL STRING 7262.53' 30 CENT, 1 ON EVERY OTHER JT F/TD CIRC & COND F/CMT W/FULL RET  
 CMT W/DOWELL PMPD 10 BBLS GEL WTR, 80 BBLS WTR W/1/1000 F75N LEAD. 708 SXS HILIFT WT 12  
 PPG, Y 2.06. 335 BBLS TAIL 710 SXS SELFSTRESS, WT 14.5, Y 1.53. 193 BBLD. DROP PLUG & DISPL  
 W/15 ACETIC ACID & 97 KCL WTR. PLUG BUMPED. FLOATS HELD. LOST ROT @ START OF DISP BUT  
 HOLE STAYED FULL. CMT IN PLACE @ 22:00 HRS 6/10/97 SET 4 1/2" CSG SLIPS W/80,000 ND BOP'S.  
 CUT OFF 4 1/2" & CLEAN PITS. RIG RELEASED 01:30 RD

DATE: 6/12/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: WO COMPLETION TO BEGIN  
 HOURS: 0.00      PROGRESS: 0 ft  
 MW: 0.0      DAILY COST: \$0.00      CUMM COST : \$339,072.30

ACTIVITY LAST  
24 HOURS:

FROM JUNE 12TH THROUGH JUNE 18TH - WAITING ON COMPLETION TO BEGIN

DATE: 6/19/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: PREP TO PERFORATE (6995'-97', 6937'-38',  
 HOURS: 0.00      PROGRESS: 0 ft  
 MW: 0.0      DAILY COST: \$5,336.00      CUMM COST : \$344,408.30

ACTIVITY LAST  
24 HOURS:

RU 5M FRAC VLV. RU SCHLUMBERGER. RAN GR/CCL/CBL FROM TD @ 7182' TO 1600' W/1000 PSI ON  
 CSG. TOC @ 1830'. PRESS TEST 4-1/2 CSG TO 5000 PSI - HELD 5 MINS. SDFN

**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: CIGE #198

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 18722

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 6/20/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: PREP TO FRAC #1 STAGE  
HOURS: 0.00      PROGRESS: 0 ft  
MW: 0.0      DAILY COST: \$2,590.00      CUMM COST : \$346,998.30

ACTIVITY LAST 24 HOURS: RIH W/3-3/8" TBG, SELECT FIRE PORT PLUG GUN 2 SPF, 180% PHASING .34" HOLE AND PERFORATE 6995'-97', 6937'-38', 6917'-18', 14 HOLES. NO PRESS BEFORE OR AFTER PERFORATE. RD SCHLUMBERGER

DATE: 6/23/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: PREP TO FRAC  
HOURS: 0.00      PROGRESS: 0 ft  
MW: 0.0      DAILY COST: \$0.00      CUMM COST : \$346,998.30

ACTIVITY LAST 24 HOURS: FROM JUNE 21ST THROUGH JUNE 25RD - PREPARING TO FRAC.

DATE: 6/27/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: POSITION OF ACID AND SAND IN HOLE  
HOURS: 0.00      PROGRESS: 0 ft  
MW: 0.0      DAILY COST: \$0.00      CUMM COST : \$346,998.30

ACTIVITY LAST 24 HOURS: EXPANSION WAS CAUSING WELL TO FLOW ABOUT 1 GAL EVERY 5 MIN. GREEN ACID RAN 1000' CIRCULATED ALL ACID. RAN TO 2000' SMELL OF ACID. SHOULD TAG, RU SD @ 2480', TAG @ 5180' TO 6340'. RU SAND.

<b>WELL NAME:</b> CIGE #198	<b>FIELD NAME:</b> NATURAL BUTTES	<b>COUNTY:</b> UINTAH
<b>AFE#:</b> 18722	<b>OPERATOR:</b> COASTAL OIL & GAS CORP.	<b>SPUD DATE:</b>
<b>WI%:</b>		

**DATE:** 6/28/97      **DEPTH:** 7251      **ACTIVITY AT REPORT TIME:** PU & RIH 2-3/8" TBG, CIRC, CLEAN WELLBORE.  
**HOURS:** 0.00      **PROGRESS:** 0 ft  
**MW:** 0.0      **DAILY COST:** \$38,477.00      **CUMM COST :** \$385,475.30

**ACTIVITY LAST 24 HOURS:** CP 0 PSI. RU DOWELL FRAC EQUIP. TESTED LINES TO 5100 PSI BREAKDOWN PERFS @ 3.3 BPM, 2790 PSI. PMP 69,400# OF 20/40 MESH SAND & 8801# RESIN. COATED SAND 20/40, SLOWED RATE DOWN @ 12 BPM. CUT SAND FLUSH ACID 750 GALS 15% HCL, STARTED SLICK WTR FLUSH SLOWED RATE TO 8 BPM, SD/SCREEN OUT. OPEN WELL TO FLOW BACK, WELL DIED, MAX/AVG P = 5000/5000 PSI, MAX/AVG RT = 26/25 BPM. PMP 19950 GALS GEL 475 BBLs TO RECOVER. RDMO DOWELL TO NBU #252. MIRU CWS RIG #26. NU BOP - RIH W/ NC, 1 JT, F NIPPLE & 33 JTS 2-3/8" TBG @ 1030'. CIRC ACID OUT OFF WELLBORE. SDFN

**DATE:** 6/29/97      **DEPTH:** 7251      **ACTIVITY AT REPORT TIME:** RIH W/2-3/8" TBG / SPOT 500 GALS 15% HCL /  
**HOURS:** 0.00      **PROGRESS:** 0 ft  
**MW:** 0.0      **DAILY COST:** \$10,050.00      **CUMM COST :** \$395,525.30

**ACTIVITY LAST 24 HOURS:** SICP 500 PSI, SITP 500 PSI. PU & RIH 2-3/8" TBG. CIRC EVERY 500', TAG SAND FILL @ 5180'. PU SWIVEL, DRILLED & CLEAN OUT WELLBORE TO 6340'. CIRC HOLE CLEAN. POH 2-3/8" TBG. RU SCHLUMBERGER. RIH W/ GRJB TO 6300'. RIH W/ 4-1/2" PDQ, CIBP. SET CIBP @ 6240'. RD SCHLUMBERGER. SI WELL. SDFN

**DATE:** 6/30/97      **DEPTH:** 7251      **ACTIVITY AT REPORT TIME:** PREP TO FRAC 2ND STAGE (1:00 PM)  
**HOURS:** 0.00      **PROGRESS:** 0 ft  
**MW:** 0.0      **DAILY COST:** \$4,280.00      **CUMM COST :** \$399,805.30

**ACTIVITY LAST 24 HOURS:** RIH W/ TBG. TAG FILL @ 5707'. CIRC OUT SD FROM 5707' TO CIBP @ 6240'. PU TBG TO 6030'. RU DOWELL. SPOT 500 GAL 15% HCL TO 5250'. POOH & LD TBG. RU SCHLUMBERGER. PERF 2 SPF W/ 3-3/8" GUN AS FOLLOWS: 6044'-46', 5701', 5695'. GUN DID NOT FIRE @ 5695'. POOH. IT WAS DETERMINED THAT #1 & #2 GUNS FIRED TOGETHER & #3 & #4 GUNS FIRED TOGETHER DUE TO SWITCH BEING SET WRONG. RIH & PERF @ 5686'. (PROPOSED PERFS - 6044' - 46', 5701', 5695', 5886') (ACTUAL PERFS - 6042', 6044'-46', 5699', 5697', 5686') RDMO SCHLUMBERGER. BREAK DN PERFS & DISPLACE ACID W/ RIG PUMP. BROKE @ 1600 PSI TO 1200 PSI @ 2.5 BPM. SDFN

<b>WELL NAME:</b> CIGE #198	<b>FIELD NAME:</b> NATURAL BUTTES	<b>COUNTY:</b> UINTAH
<b>AFE#:</b> 18722	<b>OPERATOR:</b> COASTAL OIL & GAS CORP.	<b>SPUD DATE:</b>
<b>WI%:</b>		

**DATE:** 7/1/97      **DEPTH:** 7251      **ACTIVITY AT REPORT TIME:** FLOW BACK AFTER FRAC  
**HOURS:** 0.00      **PROGRESS:** 0 ft  
**MW:** 0.0      **DAILY COST:** \$79,470.00      **CUMM COST :** \$479,275.30

**ACTIVITY LAST 24 HOURS:** RDMO CWS RIG #26. MIRU DOWELL FRAC EQUIP. FRAC UPPER WASATCH PERFS 5686'-6046' W/ 21,500 GALS YF120LG + 101,000# 20/40 SAND RAMPED 2 - 8 PPG. (8 PPG STAGE 15,400# RESIN COATED SAND) AVG INJ RT = 25 BPM @ 2100 PSI. ISIP 1662 PSI, 5/10/15 = 1373/1266/1213 PSI. START FLOW BACK @ 6:00 PM ON 18/64" CHK.  
 TIME . . . .CP. CHK. WTR. SD  
 . 6:00 . . . 1150 . 18 . 30 . . .NON  
 . 7:00 . . . 700 . 18 . 30 . . ."  
 . 8:00 . . . 350 . 18 . 30 . . ."  
 . 8:30 . . . 200 . . . . .TOOK OUT CHK  
 . 9:00 . . . . 50 . 16 . 30 . . ."  
 . 9:30  
 . 10:00 . . . . 250 18 . 30 . . ."  
 . 10:30  
 . 11:30 . . 18/64" CHK  
 . 5:00A . . 200 . 18 . 5 . . ."  
 . 6:00 . . . 100 . 18 . 30 . . ."  
 100 MCF, PMPD 613 BLWTR, REC 95 BLW, 518 BLWLTR

**DATE:** 7/2/97      **DEPTH:** 7251      **ACTIVITY AT REPORT TIME:** PREP TO PU TBG  
**HOURS:** 0.00      **PROGRESS:** 0 ft  
**MW:** 0.0      **DAILY COST:** \$1,865.00      **CUMM COST :** \$481,140.30

**ACTIVITY LAST 24 HOURS:** MIRU CWS RIG #70. ND FRAC VLV. NU BOP. SDFN

**DATE:** 7/3/97      **DEPTH:** 7251      **ACTIVITY AT REPORT TIME:** PREP TO DRILL OUT CIBP  
**HOURS:** 0.00      **PROGRESS:** 0 ft  
**MW:** 0.0      **DAILY COST:** \$5,835.00      **CUMM COST :** \$486,975.30

**ACTIVITY LAST 24 HOURS:** CP 75 PSI. PU MILL F-NIPPLE & TIH TO 6047' TOP OF SAND. RU POWER SWIVEL & AIR FOAM UNIT. BREAK CIRC, WSH SD FROM 6047' TO 6240'. CIRC 3 HRS. POOH 7 STDS, REMOVE STRING FLOAT. DISPLACE HOLE W/120 BBLS 3% KCL WTR. POOH ABOVE PERFS. SDFN

WELL NAME: CIGE #198

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 18722

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 7/4/97

DEPTH:

7251

ACTIVITY AT REPORT TIME: WELL FLOWING

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$5,970.00

CUMM COST :

\$492,945.30

**ACTIVITY LAST  
24 HOURS:**

TP 800# CP 500#. TIH TO 6240'. PU POWER SWIVEL, BREAK CIRC DRLG OUT. CIBP @ 5240', CIRC & CLEAN HOLE. TIH W/TBG, TAG SAND @ 6995'. PU POWER SWIVEL. BREAK CIRC, PMP 75 BBLs, WOULD NOT BREAK. TOOH, LD 45 JTS. FINISH POOH W/ 2-3/8" TBG AND MILL. WELL KICKING & FLOWING. COULD NOT RUN TBG WELL BLOWING. SI BOP. WELL FLOWING W/ 18/64" CHK. SDFN. PMP 400

BLWTR, 1300 BLWLTR  
TIME . .CP. CHK. WTR. SD

. 7:00 . .600. 18. 20. . .T  
. 8:00 . .400. 18. 20. . .T  
. 9:00 . .350. 18. 20. . .T  
10:00 . .475. 18. 20. . .L  
11:00 . .525. 18. 20. . .L  
12:00A .750. 18. 20. . .L  
. 1:00 . .750. 18. 20. . .L  
. 2:00 . .775. 18. 20. . .L  
. 3:00 . .750. 18. 20. . .T  
. 4:00 . .725. 18. 20. . .T  
. 5:00 . .700. 18. 20. . .T  
. 6:00 . .675. 18. 20. . .T

800 MCF, PMPD 1300 BLWTR, REC 220 BLW, 1080 BLWLTR

DATE: 7/5/97

DEPTH:

7251

ACTIVITY AT REPORT TIME: FLOW BACK REPORT

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$0.00

CUMM COST :

\$492,945.30

**ACTIVITY LAST  
24 HOURS:**

TIME . .CP. CHK. WTR. SD

. 5:30 . .600. 18. 5. . .T  
. 6:30 . .600. 18. 5. . .T  
. 7:30 . .730. 18. 5. . .T  
. 8:30 . .600. 18. 5. . .T  
. 9:30 . .575. 18. 5. . .T  
10:30 . .600. 18. 5. . .L  
11:30 . .600. 18. 5. . .L  
12:30A .575. 18. 5. . .L  
. 1:30 . .560. 18. 5. . .L  
. 2:30 . .560. 18. 5. . .L  
. 3:30 . .560. 18. 5. . .T  
. 4:30 . .560. 18. 5. . .T  
. 5:30 . .540. 18. 5. . .T  
. 6:15 . .540. 18. 5. . .T

780 MCF, PMPD 1300 BLWTR, REC 120 BLW, 900 BLWLTR

**PERCY****WELL CHRONOLOGICAL REPORT**

WELL NAME: CIGE #198

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 18722

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 7/6/97

DEPTH: 7251

ACTIVITY AT REPORT TIME: FLOW BACK REPORT

HOURS: 0.00

PROGRESS: 0 ft

MW: 0.0

DAILY COST: \$0.00

CUMM COST : \$492,945.30

ACTIVITY LAST  
24 HOURS:

TIME	CP	CHK	WTR	SD
.6:00	.500	18	.5	.NON
.7:00	.500	18	.5	.NON
.8:00	.500	18	.5	.NON
.9:00	.520	18	.5	.NON
10:00	.500	18	.5	.NON
11:00	.500	18	.5	.NON
12:00A	.460	18	.4	.NON
.1:00	.460	18	.4	.NON
.2:00	.440	18	.4	.NON
.3:00	.440	18	.4	.NON
.4:00	.460	18	.4	.NON
.5:00	.460	18	.4	.NON
.6:00	.460	18	.4	.NON

600 MCF, PMPD 1300 BLWTR, REC 118 BLW, 782 BLWLTR

DATE: 7/7/97

DEPTH: 7251

ACTIVITY AT REPORT TIME: FLOW BACK REPORT

HOURS: 0.00

PROGRESS: 0 ft

MW: 0.0

DAILY COST: \$0.00

CUMM COST : \$492,945.30

ACTIVITY LAST  
24 HOURS:

TIME	CP	CHK	WTR	SD
.7:30	.360	20	.2	.NON
.8:30	.360	20	.2	.NON
.9:30	.360	20	.2	.NON
10:30	.360	20	.2	.NON
11:30	.360	20	.2	.NON
12:30A	.360	20	.2	.NON
.1:30	.360	20	.2	.NON
.2:30	.360	20	.2	.NON
.3:30	.360	20	.2	.NON
.4:30	.360	20	.2	.NON
.5:30	.360	20	.2	.NON
.6:30	.360	20	.2	.NON

600 MCF, PMPD 1300 BLWTR, REC 96 BLW, 676 BLWLTR

**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: CIGE #198

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 18722

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 7/8/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: WO SNUBBING UNIT  
 HOURS: 0.00      PROGRESS: 0 ft  
 MW: 0.0      DAILY COST: \$1,775.00      CUMM COST : \$494,720.30

ACTIVITY LAST 24 HOURS: HOOK UP FLOW LINE. PUT WELL ON PRODUCTION @ 12:00 NOON. WO SNUBBING UNIT.

DATE: 7/9/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: ON PRODUCTION  
 HOURS: 0.00      PROGRESS: 0 ft  
 MW: 0.0      DAILY COST: \$0.00      CUMM COST : \$494,720.30

ACTIVITY LAST 24 HOURS: FLOWING 386 MCF, 4 BW, FTP 790#, CP 790#, 10/64" CHK, LLTR 758 BBLs.

DATE: 7/10/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: FISH VALVE FROM F NIPPLE - PUT BACK ON  
 HOURS: 0.00      PROGRESS: 0 ft  
 MW: 0.0      DAILY COST: \$24,569.00      CUMM COST : \$519,289.30

ACTIVITY LAST 24 HOURS: SICP 780 PSI. RD HYDRIL. RU CUDD PRESSURE CONTROL, SNUBBED 2-3/8" TBG IN W/ NC, 1 JT 2-3/8" TBG, "F" NIPPLE & 180 JTS 2-3/8" TBG W/ VALVES IN TBG. LANDED TBG, EOT @ 5626'. RD CUDD PRESSURE CONTROL. ND BOP, NU WH. PUMP 3% KCL DOWN TBG (24 BBLs) RD RIG #70.

**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: CIGE #198

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 18722

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 7/11/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: WELL ON SALES / JOB COMPLETE  
 HOURS: 0.00      PROGRESS: 0 ft  
 MW: 0.0      DAILY COST: \$950.00      CUMM COST : \$520,239.30

ACTIVITY LAST 24 HOURS: RU DELSCO SLICK LINE. RIH FISH VALVE FROM 'F' NIPPLE. PUT WELL ON SALES @ 12:30 PM, TP 850 PSI, CP 1200 PSI. FLOWING 106 MCF, 2 BW, CP 1400 PSI ON 10/64" CHK, 674 BLLTR, THEN FLOWING 306 MCF, 5 BW, TP 1375 PSI, CP 1375 PSI ON 12/64" CHK

DATE: 7/12/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: ON PRODUCTION  
 HOURS: 0.00      PROGRESS: 0 ft  
 MW: 0.0      DAILY COST: \$0.00      CUMM COST : \$520,239.30

ACTIVITY LAST 24 HOURS: FLOWING 709 MCF, 10 BC, 18 BW, TP 625 PSI, CP 760 PSI ON 12/64" CHK

DATE: 7/13/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: ON PRODUCTION  
 HOURS: 0.00      PROGRESS: 0 ft  
 MW: 0.0      DAILY COST: \$0.00      CUMM COST : \$520,239.30

ACTIVITY LAST 24 HOURS: FLOWING 570 MCF, 5 BW, TP 590 PSI, CP 680 PSI ON 12/64" CHK

**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: CIGE #198

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 18722

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 7/14/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: ON PRODUCTION.  
HOURS: 0.00      PROGRESS: 0 ft  
MW: 0.0      DAILY COST: \$0.00      CUMM COST : \$520,239.30

ACTIVITY LAST 24 HOURS: FLOWING 549 MCF, 3 BC, 7 BW, TP 500 PSI, CP 590 PSI ON 12/64" CHK.

DATE: 7/15/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: ON PRODUCTION  
HOURS: 0.00      PROGRESS: 0 ft  
MW: 0.0      DAILY COST: \$0.00      CUMM COST : \$520,239.30

ACTIVITY LAST 24 HOURS: FLOWING 524 MCF, 2 BC, 5 BW, TP 425 PSI, CP 540 PSI ON 12/64" CHK.

DATE: 7/16/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: ON PRODUCTION  
HOURS: 0.00      PROGRESS: 0 ft  
MW: 0.0      DAILY COST: \$0.00      CUMM COST : \$520,239.30

ACTIVITY LAST 24 HOURS: FLOWING 487 MCF, 5 BC, 0 BW, TP 410 PSI, CP 510 PSI ON 12-14/64" CHK.

**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: CIGE #198

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 18722

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 7/17/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: ON PRODUCTION  
HOURS: 0.00      PROGRESS: 0 ft  
MW: 0.0      DAILY COST: \$0.00      CUMM COST : \$520,239.30

ACTIVITY LAST 24 HOURS: FLOWING 471 MCF, 5 BC, 0 BW, TP 400 PSI, CP 460 PSI ON 14-15/64" CHK.

DATE: 7/18/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: ON PRODUCTION  
HOURS: 0.00      PROGRESS: 0 ft  
MW: 0.0      DAILY COST: \$0.00      CUMM COST : \$520,239.30

ACTIVITY LAST 24 HOURS: FLOWING 426 MCF, 2 BC, 0 BW, TP 340 PSI, CP 525 PSI ON 15/64" CHK.

DATE: 7/19/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: ON PRODUCTION  
HOURS: 0.00      PROGRESS: 0 ft  
MW: 0.0      DAILY COST: \$0.00      CUMM COST : \$520,239.30

ACTIVITY LAST 24 HOURS: FLOWING 417 MCF, 5 BC, 0 BW, TP 400 PSI, CP 500 PSI ON 15/64" CHK.

**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: CIGE #198

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 18722

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 7/20/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: ON PRODUCTION  
HOURS: 0.00      PROGRESS: 0 ft  
MW: 0.0      DAILY COST: \$0.00      CUMM COST : \$520,239.30

ACTIVITY LAST 24 HOURS: FLOWING 398 MCF, 0 BC, 3 BW, TP 395 PSI, CP 510 PSI ON 15/64" CHK.

DATE: 7/21/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: ON PRODUCTION  
HOURS: 0.00      PROGRESS: 0 ft  
MW: 0.0      DAILY COST: \$0.00      CUMM COST : \$520,239.30

ACTIVITY LAST 24 HOURS: FLOWING 383 MCF, 0 BC, 2 BW, TP 390 PSI, CP 510 PSI ON 15/64" CHK.

DATE: 7/22/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: ON PRODUCTION  
HOURS: 0.00      PROGRESS: 0 ft  
MW: 0.0      DAILY COST: \$0.00      CUMM COST : \$520,239.30

ACTIVITY LAST 24 HOURS: FLOWING 400 MCF, 0 BC, 13 BW, TP 330 PSI, CP 425 PSI ON 15-18/64" CHK.

WELL NAME: CIGE #198

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 18722

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 7/23/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: ON PRODUCTION  
 HOURS: 0.00      PROGRESS: 0 ft  
 MW: 0.0      DAILY COST: \$0.00      CUMM COST : \$520,239.30

ACTIVITY LAST 24 HOURS: FLOWING 380 MCF, 2 BC, 0 BW, TP 340 PSI, CP 410 PSI ON 18-20/64" CHK.

DATE: 7/24/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: ON PRODUCTION  
 HOURS: 0.00      PROGRESS: 0 ft  
 MW: 0.0      DAILY COST: \$0.00      CUMM COST : \$520,239.30

ACTIVITY LAST 24 HOURS: FLOWING 367 MCF, 3 BC, 3 BW, TP 330 PSI, CP 350PSI ON 20/64" CHK.

DATE: 7/25/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: CO WELLBORE  
 HOURS: 0.00      PROGRESS: 0 ft  
 MW: 0.0      DAILY COST: \$4,383.00      CUMM COST : \$524,622.30

ACTIVITY LAST 24 HOURS: MIRU CWS #26. TP & CP 350 PSI. BLOW DOWN & KILL W/ 10 BBLS 3% KCL. ND WH. NU BOPS. LD HANGER. PU 48 JTS, TAG SAND @ 6813'. TOO LATE TO START FOAM-UNIT. LD 1 JT - POOH 16 STDS. HOOK UP CSG TO FL. PUT BACK ON PRODUCTION. FLOWING 139 MCF, 0 BC, 0 BW, TP 320 PSI, CP 340 PSI ON 20/64" CHK.

WELL NAME: CIGE #198

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 18722

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 7/26/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: RIH - DRILL ON. PUSH CIBP TO BTM  
 HOURS: 0.00      PROGRESS: 0 ft  
 MW: 0.0      DAILY COST: \$6,768.00      CUMM COST : \$531,390.30

**ACTIVITY LAST  
24 HOURS:**

FCP 370 PSI, SITP 700 PSI. BLEW DOWN. KILL TBG W/ 10 BBLs 3%. RIH 16 STDS, TAG @ 6805'. TIGHT WORK PIPE, PMP 10 MORE, GOT FREE. LD 2 JTS. PU SWIVEL TO CLEAN OUT SAND 6805'-6930'. PRESSURE UP. BLED OFF. POOH - FOUND MANDREL OF CIBP STUCK IN TBG. PU BIT & BIT SUB - RIH. BREAK CIRC, DRILL ON & PUSH CIBP TO 7040'. CIRC CLEAN & LD SWIVEL & 1 JT. PULL 22 STDS.

DATE: 7/27/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: RU DELSCO & SWAB  
 HOURS: 0.00      PROGRESS: 0 ft  
 MW: 0.0      DAILY COST: \$6,545.00      CUMM COST : \$537,935.30

**ACTIVITY LAST  
24 HOURS:**

TP 900 PSI, CP 950 PSI. BLEW DOWN, KILL TBG W/ 10 BBLs. RIH 22 STDS, 1 SINGLE, TAG @ 7040'. CLEAN & PUSH CIBP TO 7193'. QUIT GOING, CALLED IT QUILTS. PMP 10 BBLs 3% TO KILL TBG. POOH, LEFT ALL 3 CONES ON BTM. PU NC & SN. RIH TBG, LD 1 JT TBG. PU HANGER & LAND TBG 223 JTS 2-3/8", EOT 6948', SN @ 6916'. ND BOPS W/ HYDRIL & SH. NU WH, RD, PU & MO. SDFN

DATE: 7/28/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: ON PRODUCTION  
 HOURS: 0.00      PROGRESS: 0 ft  
 MW: 0.0      DAILY COST: \$3,958.00      CUMM COST : \$541,893.30

**ACTIVITY LAST  
24 HOURS:**

MIRU DELSCO. MADE 6 SWAB RUNS. REC 40 BBLs, IFL 3100', EFL 4500'. BLOW TO TANK ON 48/64" CHK FOR 30 MINS, 20/64" CHK FOR 1 HR. PUT BACK ON PRODUCTION @ 4 PM.

**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: CIGE #198

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 18722

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 7/29/97

DEPTH:

7251

ACTIVITY AT REPORT TIME: ON PRODUCTION

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$0.00

CUMM COST :

\$541,893.30

ACTIVITY LAST  
24 HOURS:

FLOWING 276 MCF, 0 BC, 10 BW, TP 350 PSI, CP 800PSI ON 20/64" CHK. ---FINAL REPORT---

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

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

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

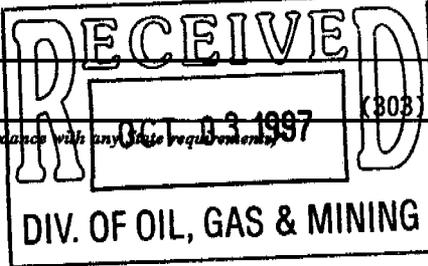
1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_  
 b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

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

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface  
**2502' FSL & 772' FEL**  
At top prod. interval reported below

At total depth



14. PERMIT NO. **43-047-32799** DATE ISSUED **1/23/97**

5. LEASE DESIGNATION AND SERIAL NO.  
**U-01188**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**lte**

7. UNIT AGREEMENT NAME  
**Natural Buttes Unit**

8. FARM OR LEASE NAME, WELL NO.  
**CIGE 198-9-9-21**

9. API WELL NO.  
**43-047-32799**

10. FIELD AND POOL, OR WILDCAT  
**Natural Buttes Field**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Section 9 T9S-R21E**

12. COUNTY OR PARISH **Uintah** 13. STATE **Utah**

15. DATE SPUNDED **4/25/97** 16. DATE T.D. REACHED **6/9/97** 17. DATE COMPL. (Ready to prod.) **7/29/97** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* **4737' ungraded GR** 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD **7251'** 21. PLUG, BACK T.D., MD & TVD **7182'** 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY **X** ROTARY TOOLS **X** CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*  
**Wasatch: 6995-97', 6937-38', 6917-18', 6042', 6044-46', 5699', 5697', 5686'** 25. WAS DIRECTIONAL SURVEY MADE **Single Shot**

26. TYPE ELECTRIC AND OTHER LOGS RUN  
**HALS/LDT/CNL/GR/CAL, GR/CCL/CBL 6-27-97** 27. WAS WELL CORED **No**

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8", K-55	24#	260'	11"	Surf, 85 sx PPAG w/2% CaCl2	
4-1/2", N-80	11.6#	7251'	7 7/8"	See attached chrono - 6/11/97	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	6948'	

31. PERFORATION RECORD (Interval, size and number)  
**6995-97', 6937-38', 6917-18' (2 spf, 14 holes); 6042', 6044-46', 5699', 5697', 5686' (2 spf, 14 holes, 3 3/8" gun)**

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6995-6917'	See attached chrono - 6/28 & 6/30
6046-5686'	See attached chrono - 6/30 & 7/1

33.\* PRODUCTION

DATE FIRST PRODUCTION **7/1/97** PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) **Flowing** WELL STATUS (Producing or shut-in) **Producing**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS - OIL RATIO
7/12/97	24	12/64"		0	709	18	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)
625#	760#		0	709	18	

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

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 Sheila Bremer TITLE **Environmental & Safety Analyst** DATE **10/1/97**

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

**PERC**

**WELL CHRONOLOGICAL REPORT**

<b>WELL NAME:</b> CIGE #198	<b>FIELD NAME:</b> NATURAL BUTTES	<b>COUNTY:</b> UINTAH
<b>AFE#:</b> 18722	<b>OPERATOR:</b> COASTAL OIL & GAS CORP.	<b>SPUD DATE:</b>
<b>WI%:</b>		

**DATE:** 4/27/97      **DEPTH:** 258      **ACTIVITY AT REPORT TIME:** WO ROTARY RIG  
**HOURS:** 0.00      **PROGRESS:** 0 ft  
**MW:** 0.0      **DAILY COST:** \$7,882.60      **CUMM COST :** \$7,882.60

**ACTIVITY LAST 24 HOURS:** SPUD @ 8:30 AM 4/25/97 W/BILL JR RAT HOLE DRLG SERV. DRILL 11" HOLE TO 260'. RIH W/6 JTS 8 5/8" 24# 8RD ST&C J55 CSG. TALLY RAN 258'. CMT CSG W/85 SXS PPAG W/2% CACL2. DISPL W/13.5 BBL H2O. CIRC +/- 6 BBLs CMT TO PIT. RAN 3 CENTRALIZERS & WOOD PLUG. CMTD W/HALLIBURTON. BLM NOTIFIED JOB NOT WITNESSED

**DATE:** 5/31/97      **DEPTH:** 272      **ACTIVITY AT REPORT TIME:** BOP TEST  
**HOURS:** 0.00      **PROGRESS:** 0 ft  
**MW:** 0.0      **DAILY COST:** \$38,737.60      **CUMM COST :** \$46,620.20

**ACTIVITY LAST 24 HOURS:** MOVE & RU. INSTALL BOP TEST BOP

**DATE:** 6/1/97      **DEPTH:** 1000      **ACTIVITY AT REPORT TIME:** DRLG  
**HOURS:** 14.00      **PROGRESS:** 725 ft  
**MW:** 0.0      **DAILY COST:** \$12,149.50      **CUMM COST :** \$58,769.70

**ACTIVITY LAST 24 HOURS:** TESTED BOP. TESTED CSG TO 1500 PSI FOR 30 MIN. LOST 150 PSI. VERBAL APPROVAL F/ED FORSMAN W/BLM. NO BLM WITNESS. PU BIT & 6 1/4" DC DRILLED CMT 225-272' DRLD FORM 272-593' SURVEY DRLG 593-1000'



**PERCY****WELL CHRONOLOGICAL REPORT**

WELL NAME: CIGE #198

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 18722

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 6/5/97      DEPTH:                    5250      ACTIVITY AT REPORT TIME: DRLG  
 HOURS:                    22.50      PROGRESS:                    925 ft  
 MW:                         8.7      DAILY COST:    \$14,681.20      CUMM COST :                    \$135,268.90

ACTIVITY LAST 24 HOURS:      DRLG 4325-4597' SURVEY @ 4555' DRLG 4597-4722' RS DRLG 4722-5097' SURVEY @ 5055'  
 DRLG 5097-5250' DB: 4973-4976'

DATE: 6/6/97      DEPTH:                    5760      ACTIVITY AT REPORT TIME: DRLG  
 HOURS:                    15.00      PROGRESS:                    510 ft  
 MW:                         8.6      DAILY COST:    \$18,188.30      CUMM COST :                    \$153,457.20

ACTIVITY LAST 24 HOURS:      DRLG 5250-5426' FILLED HOLE WWTR & SURVEY TOH W/BIT #1 RIG REPAIR. FLUSHED ENGINE  
 RADIATORS TIH W/BIT #2 UNLOAD HOLE DRLG 5426-5465' RS DRLG 5465-5760'

DATE: 6/7/97      DEPTH:                    6313      ACTIVITY AT REPORT TIME: DRLG  
 HOURS:                    23.00      PROGRESS:                    553 ft  
 MW:                         8.7      DAILY COST:    \$13,862.00      CUMM COST :                    \$167,319.20

ACTIVITY LAST 24 HOURS:      DRLG 5760-5960' RS SURVEY DRLG 5960-6313' DB: 5988-5997', 6040-6046'

**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: CIGE #198

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 18722

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 6/8/97      DEPTH: 6858      ACTIVITY AT REPORT TIME: DRLG  
 HOURS: 23.00      PROGRESS: 545 ft  
 MW: 8.7      DAILY COST: \$13,843.70      CUMM COST : \$181,162.90

ACTIVITY LAST 24 HOURS: DRLG 6313-6459' RS SURVEY DRLG 6459-6858'

DATE: 6/9/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: CIRC & COND FOR LOGS  
 HOURS: 16.50      PROGRESS: 393 ft  
 MW: 8.7      DAILY COST: \$13,041.00      CUMM COST : \$194,203.90

ACTIVITY LAST 24 HOURS: DRLG 6858-7107' RS DRLG 7102-7251' CIRC FOR SHORT TRIP SHORT TRIP 30 STDS W&R 7190-7251' CIRC & COND & SPOT 10# GELLED BRINE. BIT QUIT DRILLING @ 7251'. STEVE LANEY IN DENVER CALLED IT TD. DB: 6906-15', 6929-35', 6986-95'

DATE: 6/10/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: TIH  
 HOURS: 0.00      PROGRESS: 0 ft  
 MW: 10.0      DAILY COST: \$27,532.50      CUMM COST : \$221,736.40

ACTIVITY LAST 24 HOURS: POOH SLM RU SCHLUMBERGER TO LOG. WELL BRIDED @ 5762' TIH BRIDE @ 5762'. TOOK 5000# & FELL THRU CIRC POOH LOGGING. RUN PLATFORM EXPRESS. LOGGERS TD 7232'. MAX TEMP 167 DEGS TIH

<b>WELL NAME:</b> CIGE #198	<b>FIELD NAME:</b> NATURAL BUTTES	<b>COUNTY:</b> UINTAH
<b>AFE#:</b> 18722	<b>OPERATOR:</b> COASTAL OIL & GAS CORP.	<b>SPUD DATE:</b>
<b>WI%:</b>		

**DATE:** 6/11/97      **DEPTH:** 7251      **ACTIVITY AT REPORT TIME:** RD RT  
**HOURS:** 0.00      **PROGRESS:** 0 ft  
**MW:** 0.0      **DAILY COST:** \$117,335.90      **CUMM COST :** \$339,072.30

**ACTIVITY LAST 24 HOURS:** TIH RU T&M AND LD DRILL STRING RAN 189 JTS 4 1/2" 11.6# N80 W/GEMACO FLOAT EQUIP ( 1 SHOE JT). TOTAL STRING 7262.53' 30 CENT, 1 ON EVERY OTHER JT F/TD CIRC & COND F/CMT W/FULL RET CMT W/DOWELL PMPD 10 BBLs GEL WTR, 80 BBLs WTR W/1/1000 F75N LEAD. 708 SXS HILIFT WT 12 PPG, Y 2.06. 335 BBLs TAIL 710 SXS SELFSTRESS, WT 14.5, Y 1.53. 193 BBLD. DROP PLUG & DISPL W/15 ACETIC ACID & 97 KCL WTR. PLUG BUMPED. FLOATS HELD. LOST ROT @ START OF DISP BUT HOLE STAYED FULL. CMT IN PLACE @ 22:00 HRS 6/10/97 SET 4 1/2" CSG SLIPS W/80,000 ND BOP'S. CUT OFF 4 1/2" & CLEAN PITS. RIG RELEASED 01:30 RD

**DATE:** 6/12/97      **DEPTH:** 7251      **ACTIVITY AT REPORT TIME:** WO COMPLETION TO BEGIN  
**HOURS:** 0.00      **PROGRESS:** 0 ft  
**MW:** 0.0      **DAILY COST:** \$0.00      **CUMM COST :** \$339,072.30

**ACTIVITY LAST 24 HOURS:** FROM JUNE 12TH THROUGH JUNE 18TH - WAITING ON COMPLETION TO BEGIN

**DATE:** 6/19/97      **DEPTH:** 7251      **ACTIVITY AT REPORT TIME:** PREP TO PERFORATE (6995'-97', 6937'-38',  
**HOURS:** 0.00      **PROGRESS:** 0 ft  
**MW:** 0.0      **DAILY COST:** \$5,336.00      **CUMM COST :** \$344,408.30

**ACTIVITY LAST 24 HOURS:** RU 5M FRAC VLV. RU SCHLUMBERGER. RAN GR/CCL/CBL FROM TD @ 7182' TO 1600' W/1000 PSI ON CSG. TOC @ 1830'. PRESS TEST 4-1/2 CSG TO 5000 PSI - HELD 5 MINS. SDFN

WELL NAME: CIGE #198

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 18722

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 6/20/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: PREP TO FRAC #1 STAGE  
 HOURS: 0.00      PROGRESS: 0 ft  
 MW: 0.0      DAILY COST: \$2,590.00      CUMM COST : \$346,998.30

ACTIVITY LAST 24 HOURS: RIH W/3-3/8" TBG, SELECT FIRE PORT PLUG GUN 2 SPF. 180% PHASING .34" HOLE AND PERFORATE 6995'-97', 6937'-38', 6917'-18', 14 HOLES. NO PRESS BEFORE OR AFTER PERFORATE. RD SCHLUMBERGER

DATE: 6/23/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: PREP TO FRAC  
 HOURS: 0.00      PROGRESS: 0 ft  
 MW: 0.0      DAILY COST: \$0.00      CUMM COST : \$346,998.30

ACTIVITY LAST 24 HOURS: FROM JUNE 21ST THROUGH JUNE 26TH - PREPARING TO FRAC.

DATE: 6/27/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: POSITION OF ACID AND SAND IN HOLE  
 HOURS: 0.00      PROGRESS: 0 ft  
 MW: 0.0      DAILY COST: \$0.00      CUMM COST : \$346,998.30

ACTIVITY LAST 24 HOURS: EXPANSION WAS CAUSING WELL TO FLOW ABOUT 1 GAL EVERY 5 MIN. GREEN ACID RAN 1000' CIRCULATED ALL ACID. RAN TO 2000' SMELL OF ACID. SHOULD TAG, RU SD @ 2460', TAG @ 5180' TO 6340'. RU SAND.

<b>WELL NAME:</b> CIGE #198	<b>FIELD NAME:</b> NATURAL BUTTES	<b>COUNTY:</b> UINTAH
<b>AFE#:</b> 18722	<b>OPERATOR:</b> COASTAL OIL & GAS CORP.	<b>SPUD DATE:</b>
<b>WI%:</b>		

**DATE:** 6/28/97      **DEPTH:** 7251      **ACTIVITY AT REPORT TIME:** PU & RIH 2-3/8" TBG, CIRC, CLEAN WELLBORE.  
**HOURS:** 0.00      **PROGRESS:** 0 ft  
**MW:** 0.0      **DAILY COST:** \$38,477.00      **CUMM COST :** \$385,475.30

**ACTIVITY LAST 24 HOURS:** CP 0 PSI. RU DOWELL FRAC EQUIP, TESTED LINES TO 5100 PSI BREAKDOWN PERFS @ 3.3 BPM, 2790 PSI. PMP 69,400# OF 20/40 MESH SAND & 8801# RESIN. COATED SAND 20/40, SLOWED RATE DOWN @ 12 BPM. CUT SAND FLUSH ACID 750 GALS 15% HCL, STARTED SLICK WTR FLUSH SLOWED RATE TO 8 BPM, SD/SCREEN OUT. OPEN WELL TO FLOW BACK, WELL DIED, MAX/AVG P = 5000/5000 PSI, MAX/AVG RT = 26/25 BPM. PMP 19950 GALS GEL 475 BBLs TO RECOVER. RDMO DOWELL TO NBU #252. MIRU CWS RIG #26. NU BOP - RIH W/ NC, 1 JT, F NIPPLE & 33 JTS 2-3/8" TBG @ 1030'. CIRC ACID OUT OFF WELLBORE. SDFN

**DATE:** 6/29/97      **DEPTH:** 7251      **ACTIVITY AT REPORT TIME:** RIH W/2-3/8" TBG / SPOT 500 GALS 15% HCL /  
**HOURS:** 0.00      **PROGRESS:** 0 ft  
**MW:** 0.0      **DAILY COST:** \$10,050.00      **CUMM COST :** \$395,525.30

**ACTIVITY LAST 24 HOURS:** SICP 500 PSI, SITP 500 PSI. PU & RIH 2-3/8" TBG. CIRC EVERY 500', TAG SAND FILL @ 5180'. PU SWIVEL, DRILLED & CLEAN OUT WELLBORE TO 6340'. CIRC HOLE CLEAN. POH 2-3/8" TBG. RU SCHLUMBERGER. RIH W/ GRJB TO 6300'. RIH W/ 4-1/2" PDQ, CIBP. SET CIBP @ 6240'. RD SCHLUMBERGER. SI WELL. SDFN

**DATE:** 6/30/97      **DEPTH:** 7251      **ACTIVITY AT REPORT TIME:** PREP TO FRAC 2ND STAGE (1:00 PM)  
**HOURS:** 0.00      **PROGRESS:** 0 ft  
**MW:** 0.0      **DAILY COST:** \$4,280.00      **CUMM COST :** \$399,805.30

**ACTIVITY LAST 24 HOURS:** RIH W/ TBG, TAG FILL @ 5707'. CIRC OUT SD FROM 5707' TO CIBP @ 6240'. PU TBG TO 6030'. RU DOWELL. SPOT 500 GAL 15% HCL TO 5250'. POOH & LD TBG. RU SCHLUMBERGER. PERF 2 SPF W/ 3-3/8" GUN AS FOLLOWS: 6044'-46', 5701', 5695'. GUN DID NOT FIRE @ 5695'. POOH. IT WAS DETERMINED THAT #1 & #2 GUNS FIRED TOGETHER & #3 & #4 GUNS FIRED TOGETHER DUE TO SWITCH BEING SET WRONG. RIH & PERF @ 5686'. (PROPOSED PERFS - 6044' - 46', 5701', 5695', 5886') (ACTUAL PERFS - 6042', 6044'-46', 5699', 5697', 5686') RDMO SCHLUMBERGER. BREAK DN PERFS & DISPLACE ACID W/ RIG PUMP. BROKE @ 1600 PSI TO 1200 PSI @ 2.5 BPM. SDFN

<b>WELL NAME:</b> CIGE #198	<b>FIELD NAME:</b> NATURAL BUTTES	<b>COUNTY:</b> UINTAH
<b>AFE#:</b> 18722	<b>OPERATOR:</b> COASTAL OIL & GAS CORP.	<b>SPUD DATE:</b>
<b>WI%:</b>		

**DATE:** 7/1/97      **DEPTH:** 7251      **ACTIVITY AT REPORT TIME:** FLOW BACK AFTER FRAC  
**HOURS:** 0.00      **PROGRESS:** 0 ft  
**MW:** 0.0      **DAILY COST:** \$79,470.00      **CUMM COST :** \$479,275.30

**ACTIVITY LAST 24 HOURS:**

RDMO CWS RIG #26. MIRU DOWELL FRAC EQUIP. FRAC UPPER WASATCH PERFS 5886'-6046' W/ 21,500 GALS YF120LG + 101,000# 20/40 SAND RAMPED 2 - 8 PPG. (8 PPG STAGE 15,400# RESIN COATED SAND) AVG INJ RT = 25 BPM @ 2100 PSI. ISIP 1662 PSI, 5/10/15 = 1373/1266/1213 PSI. START FLOW BACK @ 6:00 PM ON 18/64" CHK.  
 TIME . . . . CP. CHK. WTR. SD  
 . 6:00 . . . . 1150 . 18 . 30 . . . . NON  
 . 7:00 . . . . 700 . 18 . 30 . . . . "  
 . 8:00 . . . . 350 . 18 . 30 . . . . "  
 . 8:30 . . . . 200. TOOK OUT CHK  
 . 9:00 . . . . 50 . 16 . 30 . . . . "  
 . 9:30  
 10:00 . . . . 250 18 . 30 . . . . "  
 10:30  
 11:30 . 18/64" CHK  
 . 5:00A . . . 200 . 18 . 5 . . . . "  
 . 6:00 . . . 100 . 18 . 30 . . . . "  
 100 MCF, PMPD 613 BLWTR, REC 95 BLW, 518 BLWLTR

**DATE:** 7/2/97      **DEPTH:** 7251      **ACTIVITY AT REPORT TIME:** PREP TO PU TBG  
**HOURS:** 0.00      **PROGRESS:** 0 ft  
**MW:** 0.0      **DAILY COST:** \$1,865.00      **CUMM COST :** \$481,140.30

**ACTIVITY LAST 24 HOURS:**

MIRU CWS RIG #70. ND FRAC VLV. NU BOP. SDFN

**DATE:** 7/3/97      **DEPTH:** 7251      **ACTIVITY AT REPORT TIME:** PREP TO DRILL OUT CIBP  
**HOURS:** 0.00      **PROGRESS:** 0 ft  
**MW:** 0.0      **DAILY COST:** \$5,835.00      **CUMM COST :** \$486,975.30

**ACTIVITY LAST 24 HOURS:**

CP 75 PSI. PU MILL F-NIPPLE & TIH TO 6047' TOP OF SAND. RU POWER SWIVEL & AIR FOAM UNIT. BREAK CIRC. WSH SD FROM 6047' TO 6240'. CIRC 3 HRS. POOH 7 STDS, REMOVE STRING FLOAT. DISPLACE HOLE W/120 BBLs 3% KCL WTR. POOH ABOVE PERFS. SDFN

<b>WELL NAME:</b> CIGE #198	<b>FIELD NAME:</b> NATURAL BUTTES	<b>COUNTY:</b> UINTAH
<b>AFE#:</b> 18722	<b>OPERATOR:</b> COASTAL OIL & GAS CORP.	<b>SPUD DATE:</b>
<b>WI%:</b>		

**DATE:** 7/4/97      **DEPTH:** 7251      **ACTIVITY AT REPORT TIME:** WELL FLOWING  
**HOURS:** 0.00      **PROGRESS:** 0 ft  
**MW:** 0.0      **DAILY COST:** \$5,970.00      **CUMM COST :** \$492,945.30

**ACTIVITY LAST 24 HOURS:**

TP 800# CP 500#. TIH TO 6240'. PU POWER SWIVEL, BREAK CIRC DRLG OUT. CIBP @ 5240'. CIRC & CLEAN HOLE. TIH W/TBG, TAG SAND @ 6995'. PU POWER SWIVEL. BREAK CIRC, PMP 75 BBLs, WOULD NOT BREAK. TOOH, LD 45 JTS, FINISH POOH W/ 2-3/8" TBG AND MILL. WELL KICKING & FLOWING. COULD NOT RUN TBG WELL BLOWING. SI BOP. WELL FLOWING W/ 18/64" CHK. SDFN. PMP 400 BLWTR, 1300 BLWLTR  
TIME .CP. CHK. WTR. SD  
.7:00 .600. 18. 20. .T  
.8:00 .400. 18. 20. .T  
.9:00 .350. 18. 20. .T  
10:00 .475. 18. 20. .L  
11:00 .525. 18. 20. .L  
12:00A .750. 18. 20. .L  
.1:00 .750. 18. 20. .L  
.2:00 .775. 18. 20. .L  
.3:00 .750. 18. 20. .T  
.4:00 .725. 18. 20. .T  
.5:00 .700. 18. 20. .T  
.6:00 .675. 18. 20. .T  
800 MCF, PMPD 1300 BLWTR, REC 220 BLW, 1080 BLWLTR

**DATE:** 7/5/97      **DEPTH:** 7251      **ACTIVITY AT REPORT TIME:** FLOW BACK REPORT  
**HOURS:** 0.00      **PROGRESS:** 0 ft  
**MW:** 0.0      **DAILY COST:** \$0.00      **CUMM COST :** \$492,945.30

**ACTIVITY LAST 24 HOURS:**

TIME .CP. CHK. WTR. SD  
.5:30 .600. 18. 5. .T  
.6:30 .600. 18. 5. .T  
.7:30 .730. 18. 5. .T  
.8:30 .600. 18. 5. .T  
.9:30 .575. 18. 5. .T  
10:30 .600. 18. 5. .L  
11:30 .600. 18. 5. .L  
12:30A .575. 18. 5. .L  
.1:30 .560. 18. 5. .L  
.2:30 .560. 18. 5. .L  
.3:30 .560. 18. 5. .T  
.4:30 .560. 18. 5. .T  
.5:30 .540. 18. 5. .T  
.6:15 .540. 18. 5. .T  
780 MCF, PMPD 1300 BLWTR, REC 120 BLW, 900 BLWLTR

WELL NAME: CIGE #198

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 18722

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 7/6/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: FLOW BACK REPORT  
 HOURS: 0.00      PROGRESS: 0 ft  
 MW: 0.0      DAILY COST: \$0.00      CUMM COST : \$492,945.30

ACTIVITY LAST  
24 HOURS:

TIME	CP	CHK	WTR	SD
.6:00	.500	18	.5	NON
.7:00	.500	18	.5	NON
.8:00	.500	18	.5	NON
.9:00	.520	18	.5	NON
10:00	.500	18	.5	NON
11:00	.500	18	.5	NON
12:00A	.460	18	.4	NON
.1:00	.460	18	.4	NON
.2:00	.440	18	.4	NON
.3:00	.440	18	.4	NON
.4:00	.460	18	.4	NON
.5:00	.460	18	.4	NON
.6:00	.460	18	.4	NON

600 MCF, PMPD 1300 BLWTR, REC 118 BLW, 782 BLWLTR

DATE: 7/7/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: FLOW BACK REPORT  
 HOURS: 0.00      PROGRESS: 0 ft  
 MW: 0.0      DAILY COST: \$0.00      CUMM COST : \$492,945.30

ACTIVITY LAST  
24 HOURS:

TIME	CP	CHK	WTR	SD
.7:30	.360	20	.2	NON
.8:30	.360	20	.2	NON
.9:30	.360	20	.2	NON
10:30	.360	20	.2	NON
11:30	.360	20	.2	NON
12:30A	.360	20	.2	NON
.1:30	.360	20	.2	NON
.2:30	.360	20	.2	NON
.3:30	.360	20	.2	NON
.4:30	.360	20	.2	NON
.5:30	.360	20	.2	NON
.6:30	.360	20	.2	NON

600 MCF, PMPD 1300 BLWTR, REC 96 BLW, 676 BLWLTR

WELL NAME: CIGE #198

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 18722

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 7/8/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: WO SNUBBING UNIT  
 HOURS: 0.00      PROGRESS: 0 ft  
 MW: 0.0      DAILY COST: \$1,775.00      CUMM COST : \$494,720.30

ACTIVITY LAST 24 HOURS: HOOK UP FLOW LINE. PUT WELL ON PRODUCTION @ 12:00 NOON. WO SNUBBING UNIT.

DATE: 7/9/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: ON PRODUCTION  
 HOURS: 0.00      PROGRESS: 0 ft  
 MW: 0.0      DAILY COST: \$0.00      CUMM COST : \$494,720.30

ACTIVITY LAST 24 HOURS: FLOWING 386 MCF, 4 BW, FTP 790#, CP 790#, 10/64" CHK, LLTR 758 BBLs.

DATE: 7/10/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: FISH VALVE FROM F NIPPLE - PUT BACK ON  
 HOURS: 0.00      PROGRESS: 0 ft  
 MW: 0.0      DAILY COST: \$24,569.00      CUMM COST : \$519,289.30

ACTIVITY LAST 24 HOURS: SICP 780 PSI. RD HYDRIL. RU CUDD PRESSURE CONTROL. SNUBBED 2-3/8" TBG IN W/ NC. 1 JT 2-3/8" TBG, "F" NIPPLE & 180 JTS 2-3/8" TBG W/ VALVES IN TBG. LANDED TBG, EOT @ 5626'. RD CUDD PRESSURE CONTROL. ND BOP, NU WH. PUMP 3% KCL DOWN TBG (24 BBLs) RD RIG #70.

**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: CIGE #198

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 18722

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 7/11/97      DEPTH:                    7251      ACTIVITY AT REPORT TIME: WELL ON SALES / JOB COMPLETE  
HOURS:                    0.00      PROGRESS:                    0 ft  
MW:                        0.0      DAILY COST:                \$950.00      CUMM COST :                \$520,239.30

ACTIVITY LAST  
24 HOURS:RU DELSCO SLICK LINE. RIH FISH VALVE FROM 'F' NIPPLE. PUT WELL ON SALES @ 12:30 PM, TP 850  
PSI, CP 1200 PSI. FLOWING 106 MCF, 2 BW, CP 1400 PSI ON 10/64" CHK, 674 BLLTR, THEN FLOWING 306  
MCF, 5 BW, TP 1375 PSI, CP 1375 PSI ON 12/64" CHK

DATE: 7/12/97      DEPTH:                    7251      ACTIVITY AT REPORT TIME: ON PRODUCTION  
HOURS:                    0.00      PROGRESS:                    0 ft  
MW:                        0.0      DAILY COST:                \$0.00      CUMM COST :                \$520,239.30

ACTIVITY LAST  
24 HOURS:

FLOWING 709 MCF, 10 BC, 18 BW, TP 625 PSI, CP 760 PSI ON 12/64" CHK

DATE: 7/13/97      DEPTH:                    7251      ACTIVITY AT REPORT TIME: ON PRODUCTION  
HOURS:                    0.00      PROGRESS:                    0 ft  
MW:                        0.0      DAILY COST:                \$0.00      CUMM COST :                \$520,239.30

ACTIVITY LAST  
24 HOURS:

FLOWING 570 MCF, 5 BW, TP 590 PSI, CP 680 PSI ON 12/64" CHK

WELL NAME: CIGE #198

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 18722

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 7/14/97

DEPTH: 7251

ACTIVITY AT REPORT TIME: ON PRODUCTION.

HOURS: 0.00

PROGRESS: 0 ft

MW: 0.0

DAILY COST: \$0.00

CUMM COST : \$520,239.30

ACTIVITY LAST  
24 HOURS:

FLOWING 549 MCF, 3 BC, 7 BW, TP 500 PSI, CP 590 PSI ON 12/64" CHK.

DATE: 7/15/97

DEPTH: 7251

ACTIVITY AT REPORT TIME: ON PRODUCTION

HOURS: 0.00

PROGRESS: 0 ft

MW: 0.0

DAILY COST: \$0.00

CUMM COST : \$520,239.30

ACTIVITY LAST  
24 HOURS:

FLOWING 524 MCF, 2 BC, 5 BW, TP 425 PSI, CP 540 PSI ON 12/64" CHK.

DATE: 7/16/97

DEPTH: 7251

ACTIVITY AT REPORT TIME: ON PRODUCTION

HOURS: 0.00

PROGRESS: 0 ft

MW: 0.0

DAILY COST: \$0.00

CUMM COST : \$520,239.30

ACTIVITY LAST  
24 HOURS:

FLOWING 487 MCF, 5 BC, 0 BW, TP 410 PSI, CP 510 PSI ON 12-14/64" CHK.

**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: CIGE #198

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 18722

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 7/17/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: ON PRODUCTION  
HOURS: 0.00      PROGRESS: 0 ft  
MW: 0.0      DAILY COST: \$0.00      CUMM COST : \$520,239.30

ACTIVITY LAST 24 HOURS: FLOWING 471 MCF, 5 BC, 0 BW, TP 400 PSI, CP 460 PSI ON 14-15/64" CHK.

DATE: 7/18/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: ON PRODUCTION  
HOURS: 0.00      PROGRESS: 0 ft  
MW: 0.0      DAILY COST: \$0.00      CUMM COST : \$520,239.30

ACTIVITY LAST 24 HOURS: FLOWING 426 MCF, 2 BC, 0 BW, TP 340 PSI, CP 525 PSI ON 15/64" CHK.

DATE: 7/19/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: ON PRODUCTION  
HOURS: 0.00      PROGRESS: 0 ft  
MW: 0.0      DAILY COST: \$0.00      CUMM COST : \$520,239.30

ACTIVITY LAST 24 HOURS: FLOWING 417 MCF, 5 BC, 0 BW, TP 400 PSI, CP 500 PSI ON 15/64" CHK.

WELL NAME: CIGE #198

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 18722

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 7/20/97      DEPTH:                    7251      ACTIVITY AT REPORT TIME: ON PRODUCTION  
HOURS:                    0.00      PROGRESS:                    0 ft  
MW:                        0.0      DAILY COST:                \$0.00      CUMM COST :                \$520,239.30

ACTIVITY LAST 24 HOURS:      FLOWING 398 MCF, 0 BC, 3 BW, TP 395 PSI, CP 510 PSI ON 15/64" CHK.

DATE: 7/21/97      DEPTH:                    7251      ACTIVITY AT REPORT TIME: ON PRODUCTION  
HOURS:                    0.00      PROGRESS:                    0 ft  
MW:                        0.0      DAILY COST:                \$0.00      CUMM COST :                \$520,239.30

ACTIVITY LAST 24 HOURS:      FLOWING 383 MCF, 0 BC, 2 BW, TP 390 PSI, CP 510 PSI ON 15/64" CHK.

DATE: 7/22/97      DEPTH:                    7251      ACTIVITY AT REPORT TIME: ON PRODUCTION  
HOURS:                    0.00      PROGRESS:                    0 ft  
MW:                        0.0      DAILY COST:                \$0.00      CUMM COST :                \$520,239.30

ACTIVITY LAST 24 HOURS:      FLOWING 400 MCF, 0 BC, 13 BW, TP 330 PSI, CP 425 PSI ON 15-18/64" CHK.

WELL NAME: CIGE #198

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 18722

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 7/23/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: ON PRODUCTION  
 HOURS: 0.00      PROGRESS: 0 ft  
 MW: 0.0      DAILY COST: \$0.00      CUMM COST : \$520,239.30

ACTIVITY LAST 24 HOURS: FLOWING 380 MCF, 2 BC, 0 BW, TP 340 PSI, CP 410 PSI ON 18-20/64" CHK.

DATE: 7/24/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: ON PRODUCTION  
 HOURS: 0.00      PROGRESS: 0 ft  
 MW: 0.0      DAILY COST: \$0.00      CUMM COST : \$520,239.30

ACTIVITY LAST 24 HOURS: FLOWING 367 MCF, 3 BC, 3 BW, TP 330 PSI, CP 350PSI ON 20/64" CHK.

DATE: 7/25/97      DEPTH: 7251      ACTIVITY AT REPORT TIME: CO WELLBORE  
 HOURS: 0.00      PROGRESS: 0 ft  
 MW: 0.0      DAILY COST: \$4,383.00      CUMM COST : \$524,622.30

ACTIVITY LAST 24 HOURS: MIRU CWS #26. TP & CP 350 PSI. BLOW DOWN & KILL W/ 10 BBLs 3% KCL. ND WH. NU BOPS. LD HANGER. PU 48 JTS, TAG SAND @ 6813'. TOO LATE TO START FOAM-UNIT. LD 1 JT - POOH 16 STDS. HOOK UP CSG TO FL. PUT BACK ON PRODUCTION. FLOWING 139 MCF, 0 BC, 0 BW, TP 320 PSI, CP 340 PSI ON 20/64" CHK.

**PERC<sup>Y</sup>****WELL CHRONOLOGICAL REPORT**

WELL NAME: CIGE #198

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 18722

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 7/26/97      DEPTH:                    7251      ACTIVITY AT REPORT TIME: RIH - DRILL ON. PUSH CIBP TO BTM  
 HOURS:                    0.00      PROGRESS:                    0 ft  
 MW:                        0.0      DAILY COST:    \$6,768.00      CUMM COST :            \$531,390.30

ACTIVITY LAST  
24 HOURS:

FCP 370 PSI, SITP 700 PSI. BLEW DOWN. KILL TBG W/ 10 BBLs 3%. RIH 16 STDS, TAG @ 6805'. TIGHT WORK PIPE, PMP 10 MORE, GOT FREE. LD 2 JTS. PU SWIVEL TO CLEAN OUT SAND 6805'-6930'. PRESSURE UP. BLED OFF. POOH - FOUND MANDREL OF CIBP STUCK IN TBG. PU BIT & BIT SUB - RIH. BREAK CIRC, DRILL ON & PUSH CIBP TO 7040'. CIRC CLEAN & LD SWIVEL & 1 JT. PULL 22 STDS.

DATE: 7/27/97      DEPTH:                    7251      ACTIVITY AT REPORT TIME: RU DELSCO & SWAB  
 HOURS:                    0.00      PROGRESS:                    0 ft  
 MW:                        0.0      DAILY COST:    \$6,545.00      CUMM COST :            \$537,935.30

ACTIVITY LAST  
24 HOURS:

TP 900 PSI, CP 950 PSI. BLEW DOWN, KILL TBG W/ 10 BBLs. RIH 22 STDS, 1 SINGLE, TAG @ 7040'. CLEAN & PUSH CIBP TO 7193'. QUIT GOING, CALLED IT QUILTS. PMP 10 BBLs 3% TO KILL TBG. POOH, LEFT ALL 3 CONES ON BTM. PU NC & SN. RIH TBG, LD 1 JT TBG. PU HANGER & LAND TBG 223 JTS 2-3/8", EOT 6948', SN @ 6916'. ND BOPS W/ HYDRIL & SH. NU WH, RD, PU & MO. SDFN

DATE: 7/28/97      DEPTH:                    7251      ACTIVITY AT REPORT TIME: ON PRODUCTION  
 HOURS:                    0.00      PROGRESS:                    0 ft  
 MW:                        0.0      DAILY COST:    \$3,958.00      CUMM COST :            \$541,893.30

ACTIVITY LAST  
24 HOURS:

MIRU DELSCO. MADE 6 SWAB RUNS, REC 40 BBLs, IFL 3100', EFL 4500'. BLOW TO TANK ON 48/64" CHK FOR 30 MINS, 20/64" CHK FOR 1 HR. PUT BACK ON PRODUCTION @ 4 PM.

**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: CIGE #198

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 18722

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 7/29/97

DEPTH: 7251

ACTIVITY AT REPORT TIME: ON PRODUCTION

HOURS: 0.00

PROGRESS: 0 ft

MW: 0.0

DAILY COST: \$0.00

CUMM COST : \$541,893.30

ACTIVITY LAST  
24 HOURS:

FLOWING 276 MCF, 0 BC, 10 BW, TP 350 PSI, CP 800PSI ON 20/64" CHK. ---FINAL REPORT---

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

43-047-32799

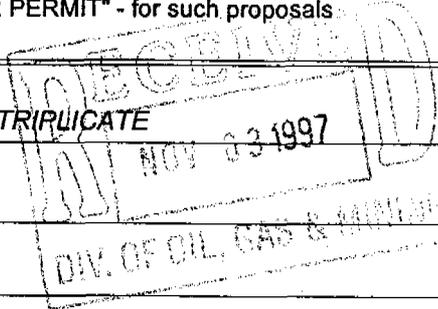
FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**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

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)

See attached spreadsheet

5. Lease Designation and Serial No.

See attached spreadsheet

6. If Indian, Allottee or Tribe Name

See attached spreadsheet

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

See attached spreadsheet

9. API Well No.

See attached spreadsheet

10. Field and Pool, Or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other
- 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 markets and zones pertinent to this work.)

The Operator requests approval to empty produced water into tanks on the listed locations. The produced water will then be transported by truck to the underground injection well NBU #159, located at NE/SW Section 35, T9S-R21E, for disposal. Furthermore, the Operator requests approval for the presence of small unlined pits, approximate dimensions of 7' x 7' x 4' deep, to be located immediately adjacent to the stock tanks on the listed locations. The small pits may be necessary to drain off water from the stock tanks at the time of condensate sales. The water will be emptied from the small pit and trucked to the NBU #159 disposal well. The volume of water to be disposed of at each facility will not exceed an average of 5 barrels per day on a monthly basis, in conformance with the requirements of Onshore Order #7.

The listed locations include all wells listed in a Request to Dispose Water sundry dated 10/11/96, as well as all wells drilled to date in the Operator's 1997 drilling program in the Natural Buttes field.

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

303-620-3077

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

Signed

Bonnie Carson

Title Senior Environmental Analyst

Date: 12-1-97  
By: [Signature] 10/28/97

(This space for Federal or State office use)

APPROVED BY

Conditions of approval, if any:

Title

Date

must meet pt many guidelines

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

Well Name & No.	API No.	Lease Designation & Serial Number	If Indian, Allottee or Tribe Name	Footages	Qtr/Qtr	Section	Township	Range	Field	County
CIGE #105D-1-10-22E	43-047-31758	U-011336	N/A	842' FNL & 2095' FWL	NENW	1	10	22	Natural Buttes	Uintah
CIGE #114-34-9-21	43-047-31915	ST U-01194-A	N/A	1931' FSL & 535' FEL	NESE	34	9	21	Natural Buttes	Uintah
CIGE #118-35-9-22	43-047-32025	U-010954-A	N/A	2116' FSL & 615' FEL	NESE	35	9	22	Natural Buttes	Uintah
CIGE #124-9-9-21	43-047-32045	U-01188	Ute Tribe Surface	1854' FSL & 1819' FEL	NWSE	9	9	21	Natural Buttes	Uintah
CIGE #129-18-9-21	43-047-32043	U-0581	Ute Tribe Surface	928' FNL & 1837' FWL	NENW	18	9	21	Natural Buttes	Uintah
CIGE #130-19-9-21	43-047-32030	U-0581	Ute Tribe Surface	772' FNL & 714' FEL	NENE	19	9	21	Natural Buttes	Uintah
CIGE #140-16-10-21	43-047-31977	ST ML-10755	N/A	380' FNL & 591' FEL	NENE	16	10	21	Natural Buttes	Uintah
CIGE #144-2-10-22	43-047-32022	ST ML-22651	N/A	1501' FNL & 1719' FEL	SWNE	2	10	22	Natural Buttes	Uintah
CIGE #149-8-10-21	43-047-32056	U-01791	N/A	833' FNL & 2011' FEL	NWNE	8	10	21	Natural Buttes	Uintah
CIGE #161-2-10-22	43-047-32168	ST ML-22651	N/A	297' FSL & 1033' FEL	SESE	2	10	22	Natural Buttes	Uintah
CIGE #164-34-9-22	43-047-32353	U-0149077	N/A	660' FNL & 1739' FWL	NENW	34	9	22	Natural Buttes	Uintah
CIGE #178-5-10-22	43-047-32330	U-01195	N/A	926' FWL & 685' FNL	NWNW	5	10	22	Natural Buttes	Uintah
CIGE #180-16-9-21	43-047-32478	ST ML-3141	N/A	333' FSL & 2557' FWL	SESW	16	9	21	Natural Buttes	Uintah
CIGE #183-20-9-21	43-047-32656	U-0575	Ute Tribe Surface	1725' FSL & 2386' FEL	SWSE	20	9	21	Natural Buttes	Uintah
CIGE #187-13-10-20	43-047-32607	U-4485	N/A	900' FNL & 2200' FWL	NENW	13	10	20	Natural Buttes	Uintah
CIGE #189-29-9-22	43-047-32813	USA U-462	N/A	1574' FNL & 720' FWL	SWNW	29	9	22	Natural Buttes	Uintah
CIGE #194-1-10-22	43-047-32932	USA U-011336	N/A	2017' FNL & 61' FWL	SWNW	1	10	22	Natural Buttes	Uintah
CIGE #197-7-9-21	43-07-32798	U-0149747	N/A	854' FNL & 2178' FEL	NWNE	7	9	21	Natural Buttes	Uintah
CIGE #198-9-9-21	43-047-32799	U-01188	Ute Tribe Surface	2502' FSL & 772' FEL	NESE	9	9	21	Natural Buttes	Uintah
CIGE #199-14-9-21	43-047-32801	U-01193	Ute Tribe Surface	959' FNL & 1760' FWL	NENW	14	9	21	Natural Buttes	Uintah
CIGE #200-16-9-21	43-047-32802	U-38409	Ute Tribe Surface	1950' FNL & 2500' FWL	SENE	16	9	21	Natural Buttes	Uintah
CIGE #201-18-9-21	43-047-32804	U-0575	Ute Tribe Surface	1814' FNL & 944' FEL	SENE	18	9	21	Natural Buttes	Uintah
CIGE #202-21-9-21	43-047-32805	U-0575	Ute Tribe Surface	785' FSL & 471' FEL	SESE	21	9	21	Natural Buttes	Uintah
CIGE #204-35-9-21	43-047-32794	ML-22582	N/A	2055' FNL & 1604' FEL	SWNE	35	9	21	Natural Buttes	Uintah
CIGE #205-1-10-21	43-047-32795	ML-23612	N/A	2110' FNL & 2607' FEL	SWNE	1	10	21	Natural Buttes	Uintah
CIGE #221-36-9-22	43-047-32868	ML-22650	N/A	550' FSL & 514' FEL	NESW	13	9	21	Natural Buttes	Uintah
CIGE #235-25-9-21	43-047-32858	U-01194-ST	N/A	1900' FSL & 1800' FEL	NWSE	25	9	21	Natural Buttes	Uintah
CIGE #236-34-9-21	43-047-32861	U-01194-A-ST	N/A	428' FSL & 882' FEL	SESE	34	9	21	Natural Buttes	Uintah
CIGE #23-7-10-22	43-047-30333	ST ML-23609	N/A	1573' FNL & 1024' FEL	SENE	7	10	22	Natural Buttes	Uintah
CIGE #25-34-9-22	43-047-30737	U-0149077	N/A	2037' FNL & 1608' FWL	SENE	34	9	22	Natural Buttes	Uintah
CIGE #3-32-9-22	43-047-30320	ST ML-22649	N/A	2270' FNL & 900' FEL	SENE	32	9	22	Natural Buttes	Uintah
CIGE #43-14-10-22	43-047-30491	U-01197-A-ST	N/A	1437' FWL & 1416' FNL	NW	14	10	22	Natural Buttes	Uintah
CIGE #59-21-10-21	43-047-30548	U-02278	N/A	809' FSL & 1081' FWL	SWSW	21	10	21	Natural Buttes	Uintah
CIGE #6-19-9-21 (GR)	43-047-30356	U-0581	N/A	1122' FSL & 1542' FEL	SWSE	19	9	21	Natural Buttes	Uintah
CIGE #63D-29-9-22P	43-047-30949	U-462	N/A	521' FNL & 977' FWL	NWNW	29	9	22	Natural Buttes	Uintah
CIGE #9-36-9-22	43-047-30419	ST ML-22650	N/A	2090' FSL & 1852' FEL	NWSE	36	9	22	Natural Buttes	Uintah
CIGE #97D-31-9-22	43-047-31729	U-01530-A-ST	N/A	548' FSL & 907' FEL	SESE	31	9	22	Natural Buttes	Uintah
Morgan State #10-36	43-047-32816	ML-22265	N/A	1794' FNL & 649' FEL	SENE	36	9	21	Natural Buttes	Uintah
Morgan State #11-36	43-047-32813	ML-22265	N/A	1943' FSL & 1843' FEL	NESW	36	9	21	Natural Buttes	Uintah
Morgan State #12-36	43-047-32814	ML-22265	N/A	1992' FSL & 722' FEL	NESE	36	9	21	Natural Buttes	Uintah
Morgan State #13-36	43-047-32817	ML-22265	N/A	540' FSL & 815' FEL	SESE	36	9	21	Natural Buttes	Uintah
Morgan State #2-36	43-047-32585	ST ML-22265	N/A	900' FNL & 804' FWL	NWNW	36	9	21	Natural Buttes	Uintah
Morgan State #4-36	43-047-32729	ST ML-22265	N/A	1912' FSL & 649' FWL	NWSW	36	9	21	Natural Buttes	Uintah
Morgan State #5-36	43-047-32735	ST ML-22265	N/A	2100' FSL & 1800' FEL	NWSE	36	9	21	Natural Buttes	Uintah
Morgan State #8-36	43-047-32812	ML-22265	N/A	650' FNL & 690' FEL	NENE	36	9	21	Natural Buttes	Uintah
Morgan State #9-36	43-047-32815	ML-22265	N/A	1894' FNL & 1978' FEL	SWNE	36	9	21	Natural Buttes	Uintah
NBU #105	43-047-32302	U-0575	N/A	1026' FSL & 1011' FWL	SWSW	17	9	21	Natural Buttes	Uintah
NBU #113	43-047-31931	U-0149077	N/A	580 FSL & 854' FEL	SESE	34	9	22	Natural Buttes	Uintah
NBU #118	43-047-31969	U-5077-B	Ute Tribe Surface	1700' FNL & 660' FEL	SENE	22	9	20	Natural Buttes	Uintah
NBU #12	43-047-30119	U-461	N/A	1563' FSL & 2328' FEL	NWSE	18	9	22	Natural Buttes	Uintah

NBU #121	43-047-32086	UTU-01193	Ute Tribe Surface	819' FNL & 2163' FEL	NWNE	13	9	21	Natural Buttes	Uintah
NBU #123	43-047-31974	U-01188	N/A	827' FNL & 916' FWL	NWNW	15	9	21	Natural Buttes	Uintah
NBU #131	43-047-31966	U-0149075	Ute Tribe Surface	1699' FSL & 800' FWL	NWSW	23	9	21	Natural Buttes	Uintah
NBU #134	43-047-32011	U-0576	N/A	138' FSL & 836' FWL	SWSW	28	9	21	Natural Buttes	Uintah
NBU #140	43-047-31947	U-01191-A	N/A	1031' FNL & 1879' FEL	NWNE	5	10	22	Natural Buttes	Uintah
NBU #148	43-047-31983	U-01191	N/A	279' FSL & 2127' FWL	SESW	4	10	22	Natural Buttes	Uintah
NBU #150	43-047-31992	U-01196-B	N/A	2042' FNL & 2002' FWL	SESW	9	10	22	Natural Buttes	Uintah
NBU #152	43-047-31990	U-01196-D	N/A	815' FSL & 754' FEL	SESE	9	10	22	Natural Buttes	Uintah
NBU #153	43-047-31975	ST U-01197-A	N/A	2500' FNL & 974' FWL	SWNW	11	10	22	Natural Buttes	Uintah
NBU #18	43-047-30221	U-025187	N/A	2401' FWL & 2337' FSL	SWNE	10	10	22	Natural Buttes	Uintah
NBU #180	43-047-32113	U-025187	N/A	843' FSL & 2075' FEL	SWSE	10	10	22	Natural Buttes	Uintah
NBU #182	43-047-32162	U-0141315	N/A	1809' FNL & 1519' FWL	SESW	11	9	21	Natural Buttes	Uintah
NBU #185	43-047-32171	U-01191-A	N/A	2132' FNL & 2126' FEL	SWNE	3	10	22	Natural Buttes	Uintah
NBU #187	43-047-32230	U-0149077	N/A	1057' FSL & 2321' FWL	SESW	34	9	22	Natural Buttes	Uintah
NBU #188	43-047-32234	U-01196-C	N/A	699' FWL & 1248' FSL	SWSW	10	10	22	Natural Buttes	Uintah
NBU #189	43-047-32236	U-0149075	Ute Tribe Surface	1551' FWL & 1064' FSL	SESW	23	9	21	Natural Buttes	Uintah
NBU #198	43-047-32357	U-010950-A	N/A	2041' FEL & 2107' FSL	NWSE	22	9	21	Natural Buttes	Uintah
NBU #201	43-047-32364	U-0149767	Ute Tribe Surface	2310' FNL & 500' FWL	SWNW	9	9	21	Natural Buttes	Uintah
NBU #206	43-047-32341	U-01196-C	N/A	2209' FNL & 303' FWL	SWNW	10	10	22	Natural Buttes	Uintah
NBU #207	43-047-32329	ST U-01197	N/A	912' FNL & 1685' FWL	NENW	10	10	22	Natural Buttes	Uintah
NBU #208	43-047-32343	U-01191	N/A	790' FSL & 569' FEL	SESE	4	10	22	Natural Buttes	Uintah
NBU #210	43-047-32340	U-01196-C	N/A	1956' FSL & 2060' FWL	NESW	10	10	22	Natural Buttes	Uintah
NBU #216	43-047-32487	U-010950-A	Ute Tribe Surface	1875' FSL & 1665' FWL	NESW	15	9	21	Natural Buttes	Uintah
NBU #223	43-047-32517	U-01194-ST	N/A	514' FNL & 2174' FWL	NENW	26	9	21	Natural Buttes	Uintah
NBU #228	43-047-32636	U-0575	Ute Tribe Surface	660' FSL & 1843' FEL	SWSE	17	9	21	Natural Buttes	Uintah
NBU #229	43-47-32594	U-01191-A	N/A	1019' FNL & 1712' FEL	NWNE	3	10	22	Natural Buttes	Uintah
NBU #230A	43-047-32908	U-01191-A	N/A	1849' FNL & 677' FEL	SENE	3	10	22	Natural Buttes	Uintah
NBU #231	43-047-32561	U-01191-A-ST	N/A	966' FNL & 1539' FEL	NWNE	10	10	22	Natural Buttes	Uintah
NBU #252	43-047-32800	U-0141315	Ute Tribal Surface	641' FNL & 1845' FWL	NENW	10	9	21	Natural Buttes	Uintah
NBU #254	43-047-32803	U-0575	Ute Tribal Surface	1840' FNL & 2014' FWL	NESW	17	9	21	Natural Buttes	Uintah
NBU #255	43-047-32806	U-0575	Ute Tribal Surface	642' FSL & 1235' FWL	SESW	21	9	21	Natural Buttes	Uintah
NBU #256	43-047-32807	U-0147566	Ute Tribal Surface	2213' FNL & 2312' FWL	SESW	22	9	21	Natural Buttes	Uintah
NBU #257	43-047-32790	ST U-01194	N/A	1756' FNL & 2150' FWL	SESW	25	9	21	Natural Buttes	Uintah
NBU #258	43-047-32791	ST U-01194	N/A	1880' FNL & 211' FEL	SENE	26	9	21	Natural Buttes	Uintah
NBU #259	43-047-32792	ST U-01194	N/A	2300' FNL & 1850' FEL	SWNE	26	9	21	Natural Buttes	Uintah
NBU #263	43-047-32793	ST U-01194-A	N/A	1641' FNL & 1832' FWL	SESW	34	9	21	Natural Buttes	Uintah
NBU #265	43-047-32796	ML-13826	N/A	1953' FSL & 632' FEL	NESE	2	10	21	Natural Buttes	Uintah
NBU #270	43-047-32862	ML-23608	N/A	1963' FNL & 801' FWL	SWNW	13	10	21	Natural Buttes	Uintah
NBU #280	43-047-32865	ML-32935-A	N/A	2596' FSL & 1459' FWL	NESW	31	9	22	Natural Buttes	Uintah
NBU #289	43-047-32910	U-01191	N/A	463' FSL & 2023' FWL	SESW	3	10	22	Natural Buttes	Uintah
NBU #291	43-047-32911	U-1196-D	N/A	457' FNL & 570' FEL	NENE	9	10	22	Natural Buttes	Uintah
NBU #38N2	43-047-30536	U-08512-ST	N/A	1752' FWL & 1768' FSL	CSW	13	10	22	Natural Buttes	Uintah
NBU #80V	43-047-31240	U-0149077	N/A	2042' FSL & 984' FWL	NWSW	34	9	22	Natural Buttes	Uintah
NBU #86J	43-047-31251	U-01191-A	N/A	492' FNL & 722' FEL	NENE	3	10	22	Natural Buttes	Uintah

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

SUBMIT IN TRIPLICATE

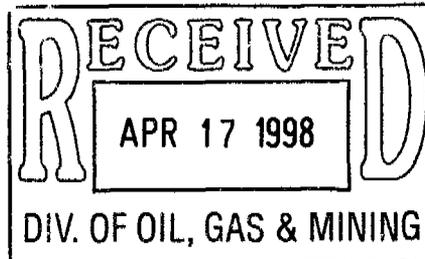
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. U-01188
2. Name of Operator Coastal Oil & Gas Corporation	6. If Indian, Allottee or Tribe Name Ute
3. Address and Telephone No. P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476	7. If Unit or CA, Agreement Designation Natural Buttes Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2502' FSL & 772' FEL NE/SE Section 9-T9S-R21E	8. Well Name and No. CIGE 198-9-9-21
	9. API Well No. 43-047-32799
	10. Field and Pool, or exploratory Area Natural Buttes Field
	11. County or Parish, State Uintah Co. Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Cement csg annulus</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

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.)\*

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



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

Signed Bonnie Carson Title Senior Environmental Analyst Date 4/15/98

(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.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Serial No.

**U-01188**

6. If Indian, Allottee or Tribe Name

**Ute**

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

8. Well Name and No.

**CIGE 198-9-9-21**

9. API Well No.

**43-047-32799**

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

11. County or Parish, State

**Uintah Co. Utah**

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

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

**Coastal Oil & Gas Corporation**

3a. Address

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

3b. Phone No. (include area code)

**(303) 573-4455**

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

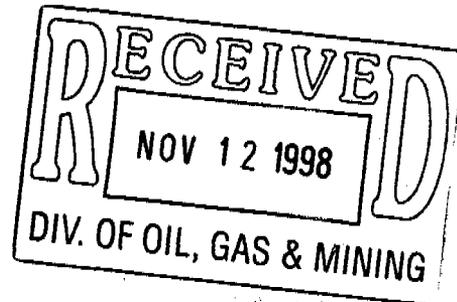
**2502' FSL & 772' FEL  
NE/SE Section 9-T9S-R21E**

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

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

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

Please see attached updated site security diagram for the subject well.



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

Name (Printed/Typed)

**Sheila Bremer**

*Sheila Bremer*

Title

**Environmental & Safety Analyst**

Date

**11/9/98**

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

Approved by

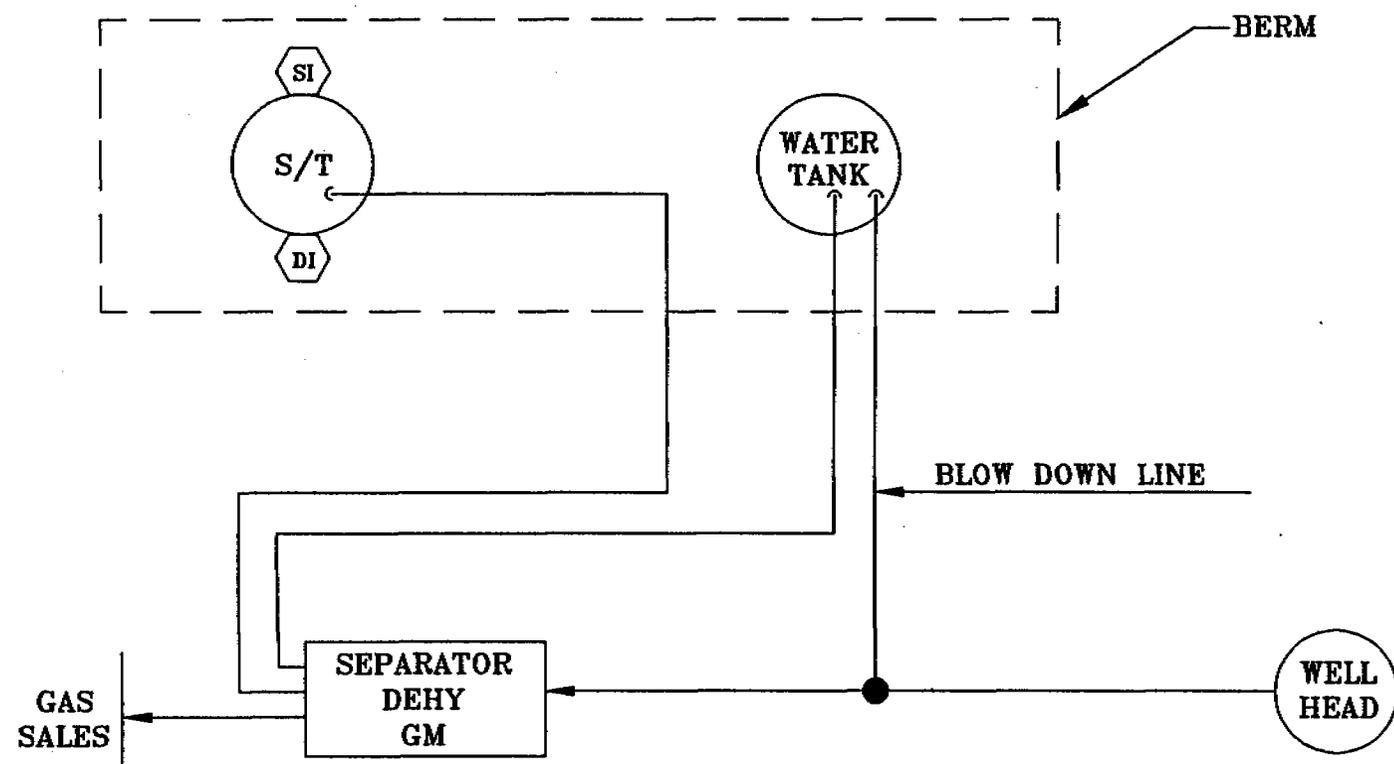
Title

Date

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

Office

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



This lease is subject to the site security plan for the Natural Buttes Field for Coastal Oil & Gas. The plan is located at: Coastal Oil & Gas Corp. Vernal District Office 1176 East 1500 South Vernal, UT 84078

**Coastal Oil & Gas Corporation**  
 A SUBSIDIARY OF THE COASTAL CORPORATION  
 The Energy People

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CIGE #198-9-9-21  
 NE SE SEC. T T9S-R21E  
 U-01188

# CIGE #198

## POSITION OF VALVES AND USE OF SEALS DURING PRODUCTION

VALVE	LINE PURPOSE	POSITION	SEAL INSTALLED
D1	Drain	Closed	Yes
S1	Sales	Closed	Yes

## POSITION OF VALVES AND USE OF SEALS DURING SALES

VALVE	LINE PURPOSE	POSITION	SEAL INSTALLED
D1	Drain	Closed	Yes
S1	Sales	Open	No

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

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

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

**X** Merger

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

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

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

**CA No.**

**Unit: NATURAL BUTTES**

**WELL(S)**

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 181	43-047-32161	2900	09-09S-21E	FEDERAL	GW	P
NBU 199	43-047-32337	2900	09-09S-21E	FEDERAL	GW	P
NBU 201	43-047-32364	2900	09-09S-21E	FEDERAL	GW	P
CIGE 198-9-9-21	43-047-32799	2900	09-09S-21E	FEDERAL	GW	P
CIGE 232-9-9-21	43-047-32836	2900	09-09S-21E	FEDERAL	GW	DRL
NBU 275	43-047-32905	2900	09-09S-21E	FEDERAL	GW	P
NBU 352	43-047-33922	99999	09-09S-21E	FEDERAL	GW	APD
NBU 103	43-047-31956	2900	10-09S-21E	FEDERAL	GW	P
NBU 120	43-047-31972	2900	10-09S-21E	FEDERAL	GW	P
NBU 143	43-047-32297	2900	10-09S-21E	FEDERAL	GW	P
NBU 321-10E	43-047-32379	2900	10-09S-21E	FEDERAL	GW	P
NBU 352-10E	43-047-32519	2900	10-09S-21E	FEDERAL	GW	P
NBU 252	43-047-32800	2900	10-09S-21E	FEDERAL	GW	P
NBU 253	43-047-32917	2900	10-09S-21E	FEDERAL	GW	DRL
NBU 522-10E	43-047-33781	2900	10-09S-21E	FEDERAL	GW	P
NBU 182	43-047-32162	2900	11-09S-21E	FEDERAL	GW	P
NBU 174	43-047-32193	2900	11-09S-21E	FEDERAL	GW	P
NBU 195	43-047-32355	2900	11-09S-21E	FEDERAL	GW	P
NBU 400-11E	43-047-32544	2900	11-09S-21E	FEDERAL	GW	P
NBU 297	43-047-33040	2900	11-09S-21E	FEDERAL	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 on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 07/10/2001
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 07/10/2001
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: 07/10/2001
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

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**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 07/26/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 07/26/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

---

**STATE BOND VERIFICATION:**

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

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**FEDERAL BOND VERIFICATION:**

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

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

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

---

**FILMING:**

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

---

**FILING:**

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

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

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

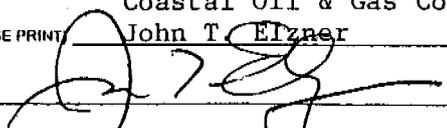
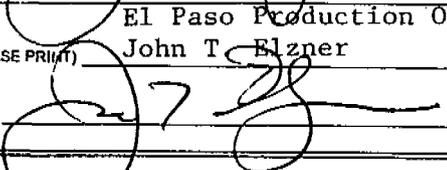
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> 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 	DATE 06-15-01
El Paso Production Oil & Gas Company	
NAME (PLEASE PRINT) John T. Elzner	TITLE Vice President
SIGNATURE 	DATE 06-15-01

This space for State use only

**RECEIVED**  
JUN 19 2001  
DIVISION OF  
OIL, GAS AND MINING

Office of the Secretary of State

---

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

RECEIVED

MAR 9 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
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

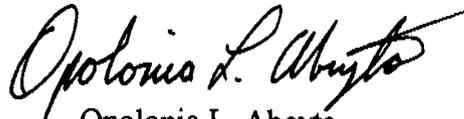
Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

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	

JAN. 17. 2003 3:34PM

TPORT

NO. 173 P. 2

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

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

**February 1, 2002**

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

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

Dear Ms. Maxwell:

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

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

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

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

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

Debby J. Black  
Engineer Technician

Encl:



United States Department of the Interior **RECEIVED**

BUREAU OF LAND MANAGEMENT

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

FEB 22 2002

DIVISION OF  
OIL, GAS AND MINING

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

FEB 21 2002

NOTICE

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

Name Change Recognized

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

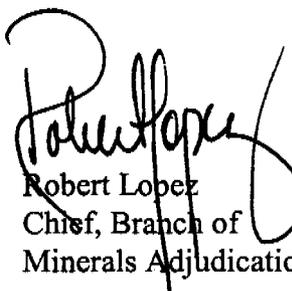
For our purposes, the name change is recognized effective December 31, 2001.

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

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

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

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



Robert Lopez  
Chief, Branch of  
Minerals Adjudication

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

# memorandum

Branch of Real Estate Services  
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to  
Attn of: Supervisory Petroleum Engineer

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

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

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

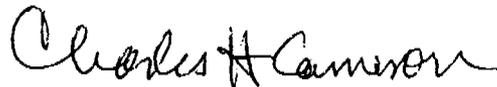
We have no objection.

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

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

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

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





# United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

Washington, D.C. 20240

FEB 10 2003

IN REPLY REFER TO:  
Real Estate Services

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

Dear Mr. Wilson:

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

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

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

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

Sincerely,

Director, Office of Trust Responsibilities

**ACTING**

Enclosure



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO  
UT-922

February 27, 2003

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

Re: Natural Buttes Unit  
Uintah County, Utah

Gentlemen:

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

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

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

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

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

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

UT922:TAThompson:tt:02/27/2003

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: El Paso Production Oil & Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 9 Greenway Plaza CITY Houston STATE TX ZIP 77064-0995		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (832) 676-5933		8. WELL NAME and NUMBER: Exhibit "A"
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		9. API NUMBER:
		10. FIELD AND POOL, OR WILDCAT: COUNTY: _____ STATE: UTAH

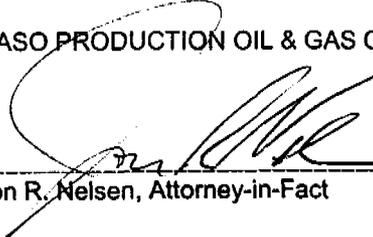
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

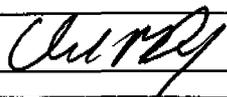
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

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

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

EL PASO PRODUCTION OIL & GAS COMPANY  
  
By:   
Jon R. Nelsen, Attorney-in-Fact

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

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

(This space for State use only)

Form 3160-3  
(August 1999)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

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

6. If Indian, Allottee or Tribe Name

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

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

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

10. Field and Pool, or Exploratory Area

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

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

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

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

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

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

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

**SUCCESSOR OF OPERATOR**

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

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158628364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED  
MAR 04 2003

DIV. OF OIL, GAS & MINING

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

Name (Printed/Typed)

**CHERYL CAMERON**

Title

**OPERATIONS**

Signature

Date

**March 4, 2003**

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

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

Office

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

(Instructions on reverse)

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW ✓
3. FILE

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

Designation of Agent/Operator

Operator Name Change

Merger

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

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

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

**WELL(S)**

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 199	09-09S-21E	43-047-32337	2900	FEDERAL	GW	P
NBU CIGE 44-9-9-21	09-09S-21E	43-047-30527	2900	FEDERAL	GW	P
NBU 53N	09-09S-21E	43-047-30837	2900	FEDERAL	GW	P
NBU CIGE 90D-9-9-21J	09-09S-21E	43-047-31149	2900	FEDERAL	GW	P
CIGE 155-9-9-21	09-09S-21E	43-047-32157	2900	FEDERAL	GW	P
CIGE 124-9-9-21	09-09S-21E	43-047-32045	2900	FEDERAL	GW	P
NBU 181	09-09S-21E	43-047-32161	2900	FEDERAL	GW	P
CIGE 198-9-9-21	09-09S-21E	43-047-32799	2900	FEDERAL	GW	P
CIGE 232-9-9-21	09-09S-21E	43-047-32836	2900	FEDERAL	GW	P
NBU 256	09-09S-21E	43-047-33971	99999	FEDERAL	GW	APD
NBU 352	09-09S-21E	43-047-33922	99999	FEDERAL	GW	APD
NBU 253	10-09S-21E	43-047-32917	2900	FEDERAL	GW	S
NBU 120	10-09S-21E	43-047-31972	2900	FEDERAL	GW	P
NBU 103	10-09S-21E	43-047-31956	2900	FEDERAL	GW	P
NBU 143	10-09S-21E	43-047-32297	2900	FEDERAL	GW	P
NBU 252	10-09S-21E	43-047-32800	2900	FEDERAL	GW	P
NBU 321-10E	10-09S-21E	43-047-32379	2900	FEDERAL	GW	P
NBU 352-10E	10-09S-21E	43-047-32519	2900	FEDERAL	GW	P
NBU 522-10E	10-09S-21E	43-047-33781	2900	FEDERAL	GW	P
NBU 55-10B	10-09S-21E	43-047-30465	2900	FEDERAL	GW	PA

**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: 03/11/2003
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 03/11/2003
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

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

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

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

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

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

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

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

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

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

The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

1. Type of Well  
 Oil Well     Gas Well     Other

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

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**Multiple Wells - see attached**

5. Lease Serial No.  
**Multiple Wells - see attached**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
**Multiple Wells - see attached**

9. API Well No.  
**Multiple Wells - see attached**

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

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

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

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

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

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

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

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

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

Name (Printed/Typed) **J.T. Conley** Title \_\_\_\_\_  
 Signature *J.T. Conley* Date: **9-16-03** Initials: **CHD** 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** Date \_\_\_\_\_  
**Utah Division of**  
**Oil, Gas and Mining** Federal Approval of This Action Is Necessary  
 Office \_\_\_\_\_ Date: **9/16/03**

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

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	430473299600S1
CIGE 207	8-10-21 NENE	UTU01791	891008900A	430473297500S1
CIGE 208	8-10-21 SWNE	UTU01791	891008900A	430473299700S1
CIGE 209	15-10-21 NENW	UTU01791A	891008900A	430473294300S1
CIGE 210	16-10-21 NESE	ML10755	891008900A	430473288800S1
CIGE 212	34-9-22 NENE	UTU0149077	891008900A	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	U01194A	891008900A	430473286100S1 ✓
CIGE 237	15-9-21 NWSE	UTU010950A	891008900A	430473387800S1
CIGE 239	35-9-21 SENE	ML22582	891008900A	430473320600S1 ✓
CIGE 240	29-9-22 SENW	ML22935	891008900A	430473320700S1
CIGE 241	32-9-22 NENW	ML22649	891008900A	430473320800S1
CIGE 242	32-9-22 NENW	UTU01191A	891008900A	430473402200S1

**Project Economics Worksheet**

**Instructions:** Fill in blue areas with before and after project data. The evaluation results are shown 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 ???  Y  N (Y or N)

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

**Increased OPX Per Year**

**Investment Breakdown:**

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

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

**Production & OPX Detail:**

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

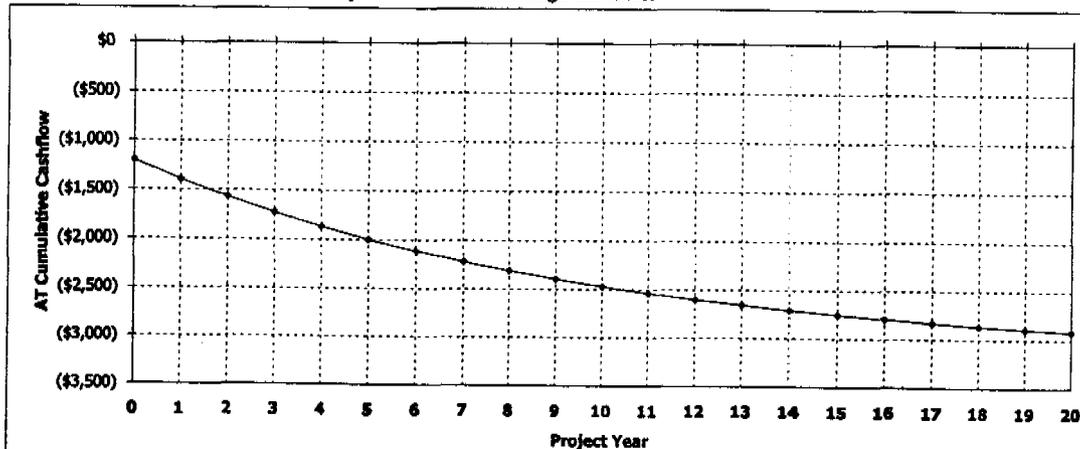
<p><b>Project Life:</b> Life = <input type="text" value="20.0"/> Years (Life no longer than 20 years)</p> <p><b>Internal Rate of Return:</b> After Tax IROR = <input type="text" value="#DIV/0!"/></p> <p><b>AT Cum Cashflow:</b> Operating Cashflow = <input type="text" value="(\$2,917)"/> (Discounted @ 10%)</p>	<p><b>Payout Calculation:</b> 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>
--	--

**Gross Reserves:**  
 Oil Reserves = 6 BO  
 Gas Reserves = 0 MCF  
 Gas Equiv Reserves = 38 MCFE

**Notes/Assumptions:**

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

Project: Condensate Shrinkage Economics



**Westport Oil and Gas, Inc.**

**NBU/Ouray Field**

RFL 2003-022

**COMPARISON OF FLASH BACK PRESSURES**

Calculated by Characterized Equation-of-State

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

**Calculated at Laboratory Flash Conditions**

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

**Calculated Flash with Backpressure using Tuned EOS**

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

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

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

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

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

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

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

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

Operator Name Change/Merger

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

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

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

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

**DATA ENTRY:**

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

**BOND VERIFICATION:**

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. Type of Well  
 Oil Well  Gas Well  Other

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

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

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

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

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

6. If Indian, Allottee or Tribe Name

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

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

9. API Well No.

10. Field and Pool, or Exploratory Area

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

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

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

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

**RECEIVED**

**MAY 10 2006**

DIV. OF OIL, GAS & MINING

*BLM BOND = C01203  
BIA BOND = RLB0005239*

**APPROVED 5/16/06**

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

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

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

**THIS SPACE FOR FEDERAL OR STATE USE**

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

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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OMB No. 1004-0135  
Expires November 30, 2000

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4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
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7. If Unit or CA/Agreement, Name and/or No.

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**MUTIPLE WELLS**

9. API Well No.

10. Field and Pool, or Exploratory Area

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

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			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other <b>CHANGE OF OPERATOR</b>

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

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

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

RECEIVED  
 MAY 10 2006

DIV OF OIL, GAS & MINING

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

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

THIS SPACE FOR FEDERAL OR STATE USE

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

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



## United States Department of the Interior

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

IN REPLY REFER TO:

CO922 (MM)  
3106  
COC017387 et. al.

March 23, 2006

### NOTICE

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

#### Merger/Name Change - Recognized

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

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

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

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

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

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

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

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

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

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

**Attachment:**

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

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

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



# United States Department of the Interior



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

IN REPLY REFER TO:  
3106  
(UT-922)

March 27, 2006

## Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

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

Chief, Branch of  
Fluid Minerals

## Enclosure

Approval letter from BLM COSO (2 pp)

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

RECEIVED

MAR 28 2006

DIV. OF OIL, GAS & MINERAL

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  5. LEASE DESIGNATION AND SERIAL NUMBER: U-01188
<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.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: CIGE 198
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047327990000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6456
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2502 FSL 0772 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 09 Township: 09.0S Range: 21.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES  COUNTY: Uintah  STATE: 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: 9/14/2016	<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 checked="" type="checkbox"/> <b>PLUG AND ABANDON</b>	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Kerr-McGee Oil & Gas Onshore, LP respectfully requests to plug and abandon the CIGE 198 well. Please see the attached procedure for details. Thank you.

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

Date: \_\_\_\_\_

By: *Derek Dwyer*  
September 19, 2016

**Please Review Attached Conditions of Approval**

<b>NAME (PLEASE PRINT)</b> Candice Barber	<b>PHONE NUMBER</b> 435 781-9749	<b>TITLE</b> HSE Representative
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/14/2016	



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

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Sundry Conditions of Approval Well Number 43047327990000**

**Add Plug #2: A 200' (16 sk) cement plug shall be balanced from 3650' to 3450'. This will isolate the base of the Parachute Creek Member as required by Cause 190-5(B).**

**CIGE 198**  
**2502' FSL & 772' FEL**  
**NESE SEC. 9, T9S, R21E**  
**UINTAH UT**

**KBE:** 4737'  
**GLE:** 4737'  
**TD:** 7251'  
**PBTD:** 7182'

**API NUMBER:** 4304732799  
**LEASE NUMBER:** UTU01188  
**LAT/LONG:** 40.050055/-109.550119

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

**PRODUCTION** 7.875" hole  
 4.5" 11.6# N-80 @ 7251'  
 Est. TOC @ 1820' CBL

**PERFORATIONS:** WASATCH TOP-BOTTOM 5686'-6997'

**TUBING:** 2.375" 4.7# tbg at 6948'

Tubular/Borehole	ID	Drift inches	Collapse psi	Burst psi	Capacities		
	inches				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg	1.995	1.901	8100	7700	0.1624	0.02171	0.00387
2.375" 4.7# P-110 tbg	1.995	1.901	13800	15400	0.1624	0.02171	0.00387
2.375" 4.7# L-80 tbg	1.995	1.901	11780	11200	0.1624	0.02171	0.00387
4.5" 11.6# N-80 csg	4	3.875	6350	7780	0.65282	0.08727	0.01554
8.625" 24# J-55 csg	8.097	7.972	1370	2950	2.67488	0.35758	0.06369

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

**GEOLOGIC INFORMATION:**

Formation	Depth to top, ft.
Uinta	Surface
Top Green River	1777'
Top Mahogany	2626'
Base Parachute	3566'
Top Wasatch	5242'

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

BMSW Elevation ~4437' MSL  
 BMSW Depth ~300'

## CIGE 198 PLUG & ABANDONMENT PROCEDURE

### GENERAL

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

PERTINENT WELL HISTORY:s.n. @ 6916'. No w/o since completion 7/27/97. cibp @ 7193' w/ 3 bit cones

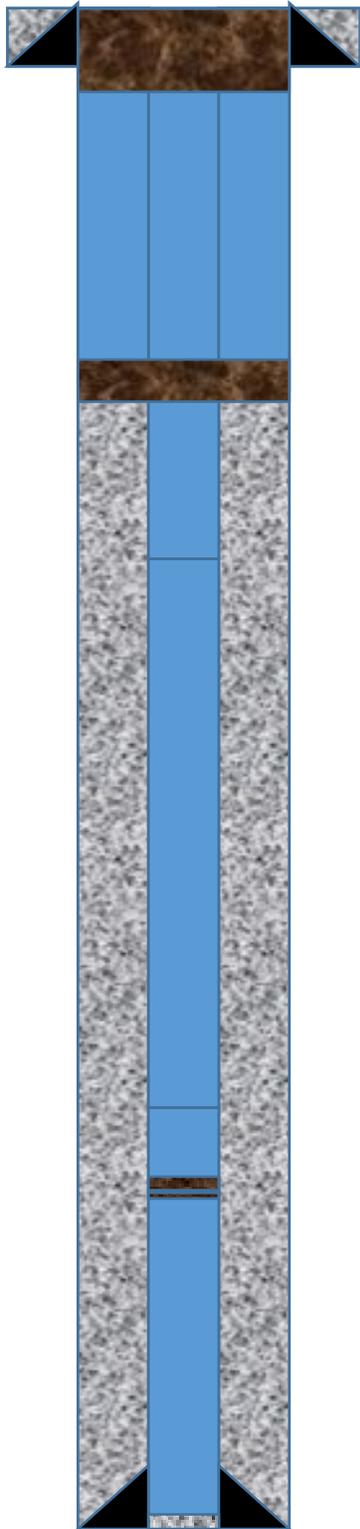
### PROCEDURE

**Note:** Approx. 209 SXS Class "G" cement needed for procedure & (1) 4.5" CIBP

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

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. POOH W/ TBG & L/D SAME. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL PER FOREMAN DISCRETION.
3. ISOLATE PERFORATIONS (6997'-5686'): RIH ON WIRELINE OR TUBING W/ 4.5" CIBP. SET @ ~5636', (50' above top perf at 5686'). RELEASE CIBP, PUH 10', CIRC ENTIRE HOLE W/ TREATED FRESH WATER AND PRESSURE TEST CASING. SET A 105FT BALANCED CMT PLUG F/ 5636' to 5531'(8 SXS, 9.16 FT3, 1.64 BBLs).
4. PROTECT GREEN RIVER (1777'): POOH AND RIG UP WIRELINE. RIH WITH PERF GUNS FOR PRODUCTION CASING. PERFORATE CASING AT ~1800' (TOC @ ~1820'). POOH AND CONTROL WELL WITH FRESH WATER AS NECESSARY. RIH WITH CIBP AND SET 30' ABOVE PERFORATIONS. POOH AND RIG DOWN WIRELINE. RIH WITH TUBING AND PUMP A MINIMUM OF (201FT) CMT F/ 1800' to 1599' (67 SXS, 76.72 FT3, 13.67 BBLs).
5. PROTECT BMSW (300'), CASING SHOE (278') AND SURFACE: POOH AND RIG UP WIRELINE. RIH WITH PERF GUNS FOR PRODUCTION CASING. PERFORATE CASING AT ~402' (TOC @ ~1820'). POOH AND CONTROL WELL WITH FRESH WATER AS NECESSARY. RIH WITH CIBP AND SET 30' ABOVE PERFORATIONS. POOH AND RIG DOWN WIRELINE. RIH WITH TUBING AND PUMP A MINIMUM OF (402FT) CMT F/ 402' to 0' (134 SXS, 153.44 FT3, 27.34 BBLs).
6. CUT OFF WELLHEAD AND INSTALL MARKER PER REGULATIONS.
7. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB. SURFACE RECLAMATION TO BE PERFORMED IN ACCORDANCE TO REGULATIONS.

# CIGE 198



Total SXS: 209, Total CIBP: 1

<- Plug for Surface at 0' from 0' to 105' with 401SXS,105ft.

<- Plug for BMSW at 300', Surface Shoe at 278 and Surface at 0' from 402' to 0' with 134SXS,402ft.

<- Plug for GreenRiver at 1777' from 1800' to 1599' with 67SXS,201ft.  
<- TOC at 1820'

<- Mahogany at 2626'

<- Parachute Base at 3566'

<- Wasatch at 5242'

<- Plug above CIBP at 5636' from 5636' to 5531' with 8SXS,105ft.  
<-CIBP Above Perfs at 5636'  
<-Top Perf at 5686'

<-PBTD at 7182'  
<- Production Casing Shoe at 7251'  
<-TD at 7251'

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-01188
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</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>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 198
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>9. API NUMBER:</b> 43047327990000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6456	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2502 FSL 0772 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 09 Township: 09.0S Range: 21.0E 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: 10/28/2016  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <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.		
Kerr-McGee Oil & Gas Onshore, LP has plugged and abandoned the CIGE 198 well on 10/28/2016. Please see the operations summary report for details. Thank you.		
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 22, 2016</b>		
<b>NAME (PLEASE PRINT)</b> Candice Barber	<b>PHONE NUMBER</b> 435 781-9749	<b>TITLE</b> HSE Representative
<b>SIGNATURE</b> N/A		<b>DATE</b> 11/1/2016

US ROCKIES REGION  
**Operation Summary Report**

US ROCKIES REGION								
Operation Summary Report								
Well: CIGE 198					Spud date: 5/30/1997			
Project: UTAH-UINTAH			Site: CIGE 198			Rig name no.: MILES-GRAY 1/1		
Event: ABANDONMENT			Start date: 10/24/2016		End date: 10/28/2016			
Active datum: RKB @0.00usft (above Mean Sea Level)				UWI: CIGE 198				
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
10/27/2016	7:00 - 7:15	0.25	ABANDP	48	B	P		SAFETY = JSA.
	7:15 - 8:45	1.50	ABANDP	30	G	P		ROAD RIG TO LOCATION FROM NBU 1022-13A PAD.
	8:45 - 10:00	1.25	ABANDP	30	A	P		MIRU. SPOT IN ALL EQUIP. R/U PUMP LINES, ETC.
	10:00 - 11:45	1.75	ABANDP	30	F	P		FCP & FTP= 60#. BLOW DOWN WELL TO FLOWBACK TANK. CNTRL TBG W/ 25BBLS TMAC. CNTRL CSG W/ 25BBLS TMAC. NDWH. UN-LAND TBG (NOT STUCK). LAND TBG BACK ON HANGER. NUBOP. R/U FLOOR & TBG EQUIP. UN-LAND TBG (RMV HANGER).
	11:45 - 15:00	3.25	ABANDP	31	I	P		MIRU SCANNERS. POOH WHILE SCANNING 223JTS 2-3/8" J-55 TBNG. L/D ALL TBNG. TBG SCAN RESULTS AS FOLLOWS:  189JTS Y-BND TBNG 34JTS R-BND TBNG.  RDMO SCANNERS.
	15:00 - 16:10	1.17	ABANDP	34	I	P		MIRU WIRELINE. P/U & RIH W/ 4-1/2" GR-JB GOOD @ 5650'. POOH E-LINE & L/D GR-JB. P/U & RIH W/ 4-1/2" WF CIBP. SET CIBP @ 5636'. T/U ON CIBP GOOD. POOH E-LINE. RDMO E-LINE.
	16:10 - 17:00	0.83	ABANDP	31	I	P		P/U & RIH W/ N.C. + 77JTS 2-3/8" J-55 TBNG. SWIFN. LOCK RAMS. SDFN.  NOTE: SHERRY JESSON W/ BLM ON LOCATION TO WITNESS P&A.
10/28/2016	7:00 - 7:30	0.50	ABANDP	48		P		HSM, WORKING WITH CMT CREW.
	7:30 - 8:30	1.00	ABANDP	31	I	P		SICP & SITP 0, PU REM 101 JTS TAG UP @ 5636' L/D 1 JT EOT @ 5614'
	8:30 - 17:00	8.50	ABANDP	51	D	P		CIRC HOLE W/ 90 BBLS T-MAC, TEST CSG TO 500 PSI OK. PUMPED 2.6 BBLS FRESH, 2.04 BBLS 10 SXS 15.8# 1.15 YEILD G CMT, 1 BBL FRESH, DISPL W/ 19.8 BBLS T-MAC. L/D 62 JTS EOT @ 3648'. PUMPED 2.6 BBLS FRESH, 3.27 BBLS 16 SXS 15.8# 1.15 YEIL G CMT, 1 BBL FRESH, DISPL W/ 12.2 BBLS T-MAC. L/D 60 JTS POOH W/ 55 JTS. RU RIH PERF CSG @ 1800', RD WL, GOT INJ RATE OF 250 PSI @ 2.6 BPM. RIH W/ RET & 55 JTS SET RET @ 1753'. PUMPED 5 BBLS FRESH, 13.7 BBLS 67 SXS 15.8# 1.15 YEILD G CMT DISPL W/ 4.7 BBLS T-MAC STING OUT OF RET DISPL W/ 1.5 BBLS T-MAC, L/D 55 JTS 23/8, RU RIH PERF @ 402' TRY TO GET INJ RATE PRESSURED UP TO 1500 PSI NO CIRC, TRY TO PUMP DWN SURF PRESSURED UP TO 500' RIH W/ 15 JTS EOT @ 471' FILL HOLE, PUMPED 5.53 BBLS 27 SXS 15.8# 1.15 YEILD CMT, DISPL W/ .2 BBLS, L/D 15 JTS RD FLOOR ND BOPS, RIG DOWN RIG DIG & CUT OFF WELL HEAD. TOPPED OFF 41/2 & 85/8 W/ CMT. WEL PLATE P&A FINISHED.