

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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) 573-4476

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface 926' FWL & 685' FNL (NW/NW) Section 5, T10S, R22E  
 At proposed prod. zone Same as above.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately 24 miles southeast of Ouray, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 685'

16. NO. OF ACRES IN LEASE 577.75

17. NO. OF ACRES ASSIGNED TO THIS WELL 80

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1900'

19. PROPOSED DEPTH 5600'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5074' GR

22. APPROX. DATE WORK WILL START\* September 1, 1992

5. LEASE DESIGNATION AND SERIAL NO.  
U-01195

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

7. UNIT AGREEMENT NAME  
Natural Buttes Unit

8. FARM OR LEASE NAME  
CIGE

9. WELL NO.  
178-5-10-22

10. FIELD AND POOL, OR WILDCAT  
Natural Buttes

11. SEC., T., R. M., OR BLK. AND SURVEY OR AREA  
Section 5, T10S, R22E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" K-55	24.0#	0 - 250'	180 sx circ. to surface *
7-7/8"	5-1/2" K-55	17.0#	0 - 5600'	1800 sx circ. to surface *

RECEIVED

JUL 27 1992

DIVISION OF  
OIL GAS & MINING

\* Cement volumes may change due to hole size.  
Calculate from Caliper log.

EIGHT-POINT RESOURCE PROTECTION PLAN ATTACHED.

I hereby certify that Coastal Oil & Gas Corporation is authorized by the proper Lease Interest Owners to conduct lease operations associated with this Application for Permit to Drill the CIGE #178-5-10-22, Federal Lease U-01195. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation, Nationwide Bond #CO-0018, who will be responsible for compliance with all the terms and conditions of that portion of the lease associated with this Application.

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.

24. SIGNED Eileen Danni Doy TITLE Regulatory Analyst APPROVED BY THE STATE 7/23/92

(This space for Federal or State office use)

PERMIT NO. 43-047-30330 APPROVAL DATE 8-11-92

APPROVED BY JAY Matthews TITLE DATE

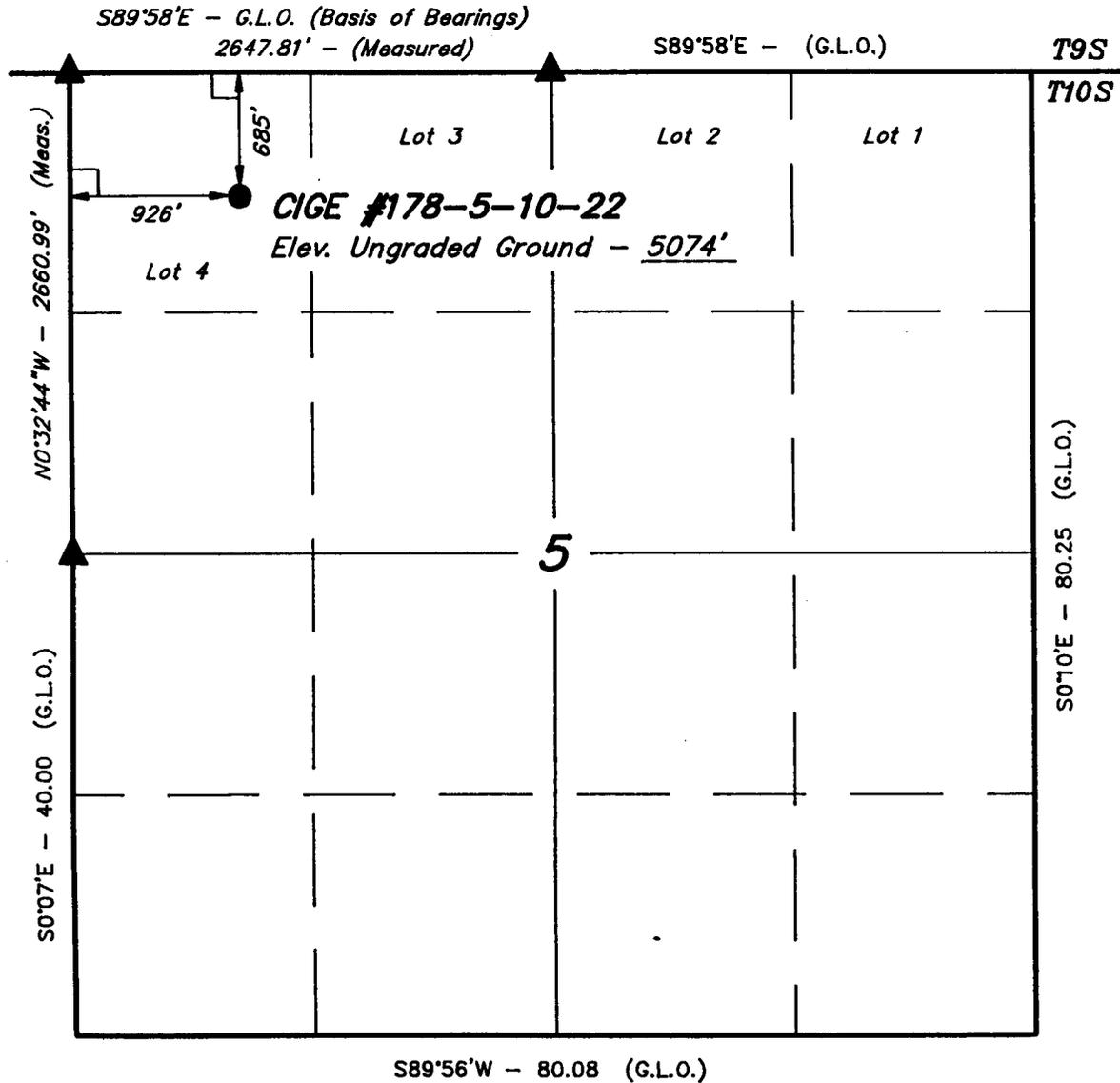
CONDITIONS OF APPROVAL, IF ANY: WELL SPACING: 649-2-3

\*See Instructions On Reverse Side

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

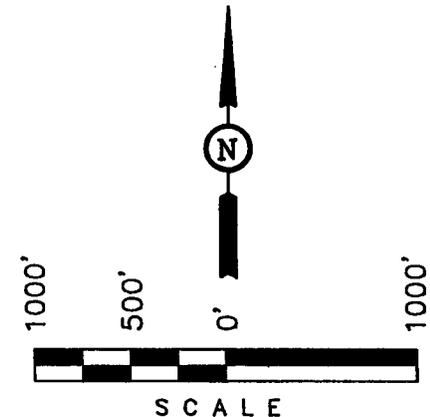
## COASTAL OIL & GAS CORP.

Well location, CIGE #178-5-10-22, located as shown in Lot 4 of Section 5, T10S, R22E, S.L.B.&M. Uintah County, Utah.



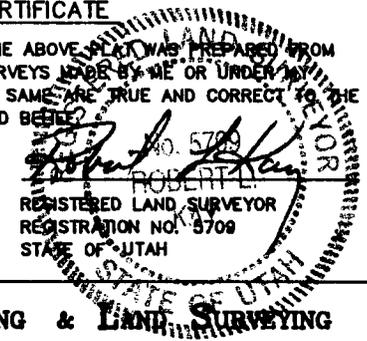
### BASIS OF ELEVATION

SPOT ELEVATION AT A RIDGE TOP NEAR THE WEST 1/4 CORNER OF SECTION 9, T10S, R22E, S.L.B.&M. TAKEN FROM THE ARCHY BENCH QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5304 FEET.



### CERTIFICATE

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



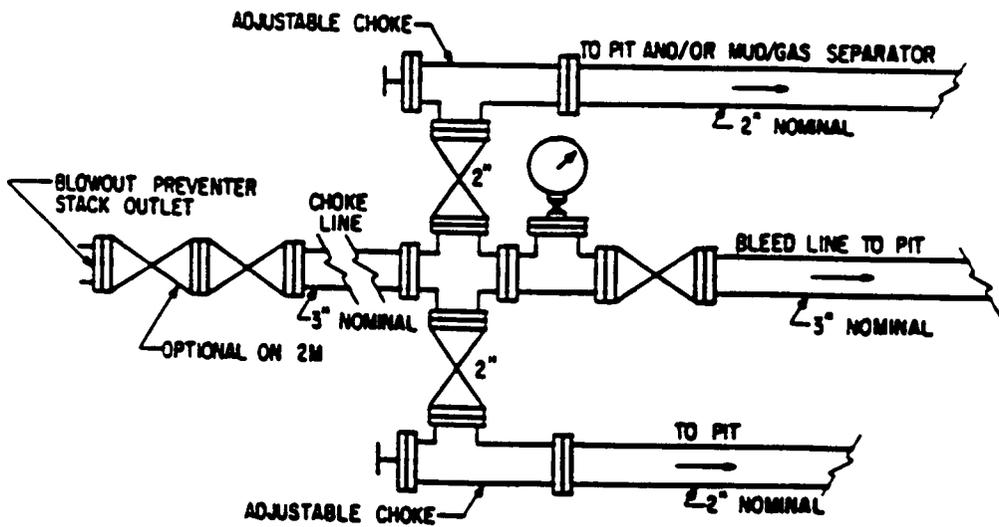
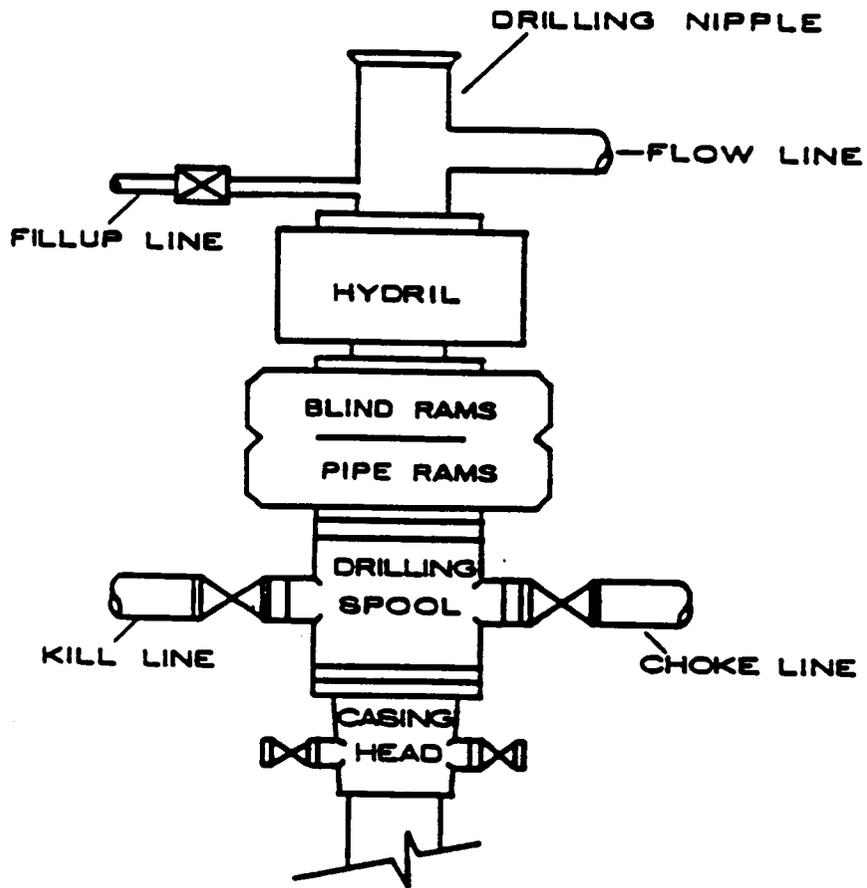
**UINTAH ENGINEERING & LAND SURVEYING**  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (801) 789-1017

SCALE	1" = 1000'	DATE SURVEYED:	7-1-92	DATE DRAWN:	7-6-92
PARTY	G.S. D.A. R.E.H.	REFERENCES	G.L.O. PLAT		
WEATHER	HOT	FILE	COASTAL OIL & GAS CORP.		

### LEGEND:

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

# BOP STACK



COASTAL OIL & GAS CORPORATION  
Lease #U-01195, CIGE #178-5-10-22  
NW/NW, Section 5, T10S, R22E  
Uintah County, Utah

Drilling Prognosis

1. Estimated Tops of Important Geologic Markers:

Uinta	Surface	Wasatch	4430'
		Total Depth	5600'

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

Wasatch	4430'	Gas (Primary Objective)
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If any shallow water zones are encountered, they will be adequately protected and reported; none anticipated. All potentially productive hydrocarbon zones will be cemented off.

3. Pressure Control Equipment: (Schematic Attached)

A. Type: 10" Double Gate Hydraulic.

The Blow-Out Preventer will be equipped as follows:

1. One (1) blind ram (above).
2. One (1) pipe ram (below).
3. Kill line (2-inch minimum).
4. One (1) kill line valve (2-inch minimum).
5. One (1) choke line valve.
6. Two (2) adjustable chokes.
7. Upper kelly cock valve with handle available.
8. Safety valve & subs to fit all drill strings in use.
9. 2-inch (minimum) choke line.
10. Pressure gauge on choke manifold.

B. Pressure Rating: 2,000 psi

C. Testing Procedure:

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

3. Pressure Control Equipment:

C. Testing Procedure: Continued

At a minimum, the above pressure test will be performed:

1. When the BOP is initially installed.
2. Whenever any seal subject to test pressure is broken.
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition to the above, the pipe and blind rams will be activated each trip, but not more than once each day.

All BOP drills and tests will be recorded in the IADC driller's log.

D. Choke Manifold Equipment.

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

E. Accumulator:

The accumulator will have sufficient capacity to close all BOP's and retain 200 psi above precharge. Nitrogen bottles which meet the manufacturer's specifications will be used as the backup to the required independent power source. The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in Onshore Operating Order #2.

F. Special Drilling Operations:

In addition to the equipment already specified in Items A through E, above, the following equipment will be in place and operational during air/gas drilling:

1. Properly lubricated and maintained rotating head.
2. Spark arresters on engines or water cooled exhaust.
3. Blooie line discharge 100 feet from wellbore and securely anchored.

3. Pressure Control Equipment:

F. Special Drilling Operations: Continued

4. Straight run on blooie line.
5. Deduster equipment (not required for aerated water system).
6. All cuttings and circulating medium(s) shall be directed into a reserve or blooie pit.
7. Float valve above bit.
8. Automatic igniter or continuous pilot light on the blooie line (not required for aerated water system).
9. Compressors located in the opposite direction from the blooie line and at a minimum of 100 feet from the wellbore.
10. Mud circulating equipment, water, and mud materials (does not have to be pre-mixed) sufficient to maintain the capacity of the hole and circulating tanks or pits.

G. Miscellaneous Information:

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of Onshore Operating Order #2.

The choke manifold and BOP extension rods with hand wheels will be located outside the rig sub-structure. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the wellhead but readily accessible to the driller.

Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

A flare line will be installed after the choke manifold, extending 100 feet (minimum) from the center of the drill hole to a separate flare pit.

4. The Proposed Casing and Cementing Program: (All New)

A. Casing Program

Hole Size Casing Size Wt./Ft. Grade Joint Depth Set

12-1/4" 8-5/8" 24# K-55 ST&C 0-250'

4. The Proposed Casing and Cementing Program: (All New)

A. Casing Program - Continued

<u>Hole Size</u>	<u>Casing Size</u>	<u>Wt./Ft.</u>	<u>Grade</u>	<u>Joint</u>	<u>Depth Set</u>
7-7/8"	5-1/2"	17.0#	K-55	LT&C	0-5600'

Casing string(s) will be pressure tested to 0.22 psi per foot, or 1500 psi (not to exceed 70% of the internal yield strength of the casing), whichever is greater, after cementing and prior to drilling out from under the casing shoe.

B. Cementing Program

Surface Casing : Cement with approximately 180 sx. Class "G" cement + additives, circulated to surface with 100% excess.

Production Casing: Lead with approximately 400 sx. Hi-fill cement with 1#/sx. capseal; tail with 600 sx. 50-50 POZ w/10% salt, 2% gel, .6% Halad 24, 1/4#/sx. Flocele & 1#/sx. capseal. Cement will be circulated back to surface with 30% excess.

Actual cement volumes to be required will be determined from the caliper log.

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

5. Mud Program: (Visual Monitoring)

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
0-1500'	Aerated/ Mist	-----	-----	-----
1500-5600'	Aerated Water	-----	-----	-----

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

5. Mud Program: (Visual Monitoring - continued)

The surface hole will be drilled with an air mist system, injecting water @ the rate of 15-20 gallons/minute, until the lost circulation zone is reached @ ±1500'. At that point, Coastal Oil & Gas Corporation will switch to an aerated water system, utilizing the rig pumps to inject water at a rate of 190 gallons/minute to total depth.

6. Evaluation Program:

Logs : Dual Laterlog & Caliper : TD - Surface  
FDC-CNL : TD - 2300'

DST'S : None anticipated.

Cores : None anticipated.

The proposed evaluation program may change at the discretion of the wellsite geologist, with prior approval from the Authorized Officer, Bureau of Land Management.

Stimulation : No stimulation or frac treatment has been formulated for this test at this time. The drill site, as approved, will be of sufficient size to accommodate all completion activities.

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 to the Vernal District Office not later than thirty (30) days after the completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164.

Two (2) 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, Vernal District Office, Bureau of Land Management, 170 South 500 East, Vernal, Utah 84078, Phone: (801) 789-1362.

7. Abnormal Conditions:

No abnormal temperatures or pressures are anticipated. No H<sub>2</sub>S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 2,604 psi (calculated at 0.465 psi/foot) and maximum anticipated surface pressure equals approximately 1,372 psi (bottom hole 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 : September 1, 1992  
Drilling Days : Approximately 10 days  
Completion Days : Approximately 7 days

B. Notification of Operations

The Vernal District Office, Bureau of Land Management will be notified at least twenty-four (24) hours PRIOR to the commencement of the following activities:

1. Spudding of the well. This oral report will be followed up with a Sundry Notice (Form 3160-5).
2. Initiating pressure tests of the blow-out preventer and related equipment.
3. 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 of 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.

8. Anticipated Starting Dates and Notification of Operations:

B. Notification of Operations - Continued

In accordance with Onshore Operating Order #1, this well will be reported on MMS Form 3160-6, "Monthly Report of Operations", starting with the month in which operations commence and continuing each month until the well is physically plugged and abandoned. This report will be filed directly with the Royalty Management Program, Minerals Management Service, P. O. Box 17110, Denver, Colorado 80217.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the provisions of NTL-3A or its current 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 Authorized Officer, and all conditions of this approved plan will be applicable during all operations conducted with the replacement rig.

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 telegram or other written communication no later than five (5) business days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of the Authorized Officer, produced water may be temporarily disposed of into the reserve pit for a period of up to ninety (90) days. During this period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the Authorized Officer.

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

8. Anticipated Starting Dates and Notification of Operations:

B. Notification of Operations - Continued

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the Vernal District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

A first production conference will be scheduled within fifteen (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 "Notice of Intention to Abandon" (Form 3160.5) will be filed with the Authorized Officer within fifteen (15) days following the granting of oral approval to plug & abandon.

Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. The following information will be permanently placed on the marker with a plate, cap, or beaded-on with a welding torch: "Fed" or "Ind", as applicable; Company Name, Well Name and Number, Location by Quarter/Quarter, Section, Township, Range, and Federal or Indian Lease Number.

A "Subsequent Report of Abandonment" (Form 3160-5) will be submitted within thirty (30) days following the actual plugging of the wellbore. This report will indicate where plugs were placed and the current status of surface restoration operations. If surface restoration has not been completed at that time, a follow-up report on Form 3160-5 will be filed when all surface restoration work has been completed and the location is considered ready for final inspection. Final abandonment will not be approved until the surface reclamation work required by the approved Application for Permit to Drill has been completed to the satisfaction of the Authorized Officer or his representative, or the appropriate Surface Management Agency.

8. Anticipated Starting Dates and Notification of Operations:

B. Notification of Operations - Continued

Pursuant to Onshore Operating Order #1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in such a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal and Indian lands.

COASTAL OIL & GAS CORPORATION  
Lease #U-01195, CIGE #178-5-10-22  
NW/NW, Section 5, T10S, R22E  
Uintah County, Utah

Multi-Point Surface Use and Operations Plan

1. Existing Roads: Refer to Maps "A" & "B" (shown in ORANGE)
  - A. The proposed wellsite is staked and four 200-foot reference stakes are present.
  - B. To reach the location from the town of Vernal, Utah proceed westerly approximately 14.0 miles on U.S. Highway 40 to the junction of State Highway 88, exit left and proceed south  $\pm 17.0$  miles on State Highway 88 to Ouray, Utah; proceed south from Ouray  $\pm 6.9$  miles on the Seep Ridge Road to the junction of this road and an existing oilfield service road to the east; turn left and proceed in an easterly direction  $\pm 5.0$  miles to the junction of this road and an existing road to the north; turn left and proceed in a northeasterly direction  $\pm 3.0$  miles to the junction of this road and an existing road to the northeast; turn right and proceed  $\pm 4.7$  miles in a northeasterly direction to the junction of this road and an existing road to the south; turn right and proceed in a southerly direction  $\pm 0.3$  miles to the junction of this road and an existing road to the southeast; turn left and proceed in a southeasterly direction  $\pm 2.9$  miles to the junction of this road and an existing road to the south; turn right and proceed in a southwesterly direction  $\pm 1.7$  miles to the junction of this road and an existing road to the west; turn right and proceed in a westerly & southerly direction  $\pm 1.4$  miles to the beginning of the proposed access road. Follow road flags in a southeasterly direction approximately 30' to the proposed location.
  - C. Access roads - refer to Maps "A" and "B".
  - D. Access roads within a one-mile radius - refer to Map "B".
  - E. The existing gravel roads will be maintained in the same or better condition as existed prior to the commencement of operations and said maintenance will continue until final abandonment and reclamation of the CIGE #178-5-10-22 well location.

2. Planned Access Roads: Refer to Map "B" (Shown in GREEN)

Approximately 30 feet of new road construction will be required for access to the proposed CIGE #178-5-10-22 well location.

- A. Width - maximum 30-foot overall right-of-way with an 18-foot road running surface, crowned and ditched.
- B. Construction standard - the access road will be constructed in accordance with Bureau of Land Management Rooding Guidelines established for oil and gas exploration and development activities as referenced in the BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development (1989).

The access road will be constructed to meet the standards of the anticipated traffic flow and all-weather requirements. Construction/upgrading will include ditching, draining, gravelling, crowning, and capping the roadbed as necessary to provide a well constructed and safe road.

Prior to construction/upgrading, the roadway shall be cleared of any snow cover and allowed to dry completely.

Traveling off of the thirty (30) foot right-of-way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or the 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 a frequent intervals by means of cutouts.

Upgrading shall not be allowed during muddy conditions.

Should mud holes develop, they shall be filled in and detours around them avoided.

- C. Maximum grade - 8%
- D. Turnouts - turnouts will be constructed along the access route as necessary or required to allow for the safe passage of traffic. None anticipated at this time.

2. Planned Access Roads: Continued

- E. Drainage design - the access road will be crowned, ditched, and water turnouts installed as necessary to provide for proper drainage along the access road route.
- F. Culverts, cuts and fills - no culverts will be required. There are no major cuts and/or fills on/along the proposed access road route.
- G. Surface materials (source) - any construction materials which may be required for surfacing of the access road will be purchased from a local contractor having a permitted source of materials in the area, if required by the Authorized Officer, Bureau of Land Management. None anticipated at this time. Native material from access location and access road will be used.
- H. Road maintenance - during both the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable 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 also be maintained in accordance with the original construction standards.  
  
The access road right-of-way will be kept free of trash during operations.
- I. The proposed access route has been centerline flagged.

3. Location of Existing Wells Within a One-Mile Radius:

Please refer to Map "C"

- A. Water wells - none known.
- B. Abandoned wells - NE1/4, NE1/4, Section 5, T10S, R22E
- C. Temporarily abandoned wells - none known.
- D. Disposal wells - none known.
- E. Drilling wells - none known.

3. Location of Existing Wells Within a One-Mile Radius:  
Continued

- F. Producing wells - SE1/4, SE1/4, Section 31, T9S, R22E  
SE1/4, SW1/4, Section 31, T9S, R22E  
NW1/4, SE1/4, Section 31, T9S, R22E  
NE1/4, NE1/4, Section 31, T9S, R22E  
NW1/4, NW1/4, Section 32, T9S, R22E  
SE1/4, NW1/4, Section 32, T9S, R22E  
NW1/4, SW1/4, Section 32, T9S, R22E  
SE1/4, SW1/4, Section 32, T9S, R22E  
NW1/4, SE1/4, Section 32, T9S, R22E  
SE1/4, SE1/4, Section 32, T9S, R22E  
SW1/4, SW1/4, Section 33, T9S, R22E  
SE1/4, NW1/4, Section 6, T10S, R22E  
SW1/4, SW1/4, Section 5, T10S, R22E  
SE1/4, NW1/4, Section 5, T10S, R22E  
NW1/4, NE1/4, Section 5, T10S, R22E  
SE1/4, NW1/4, Section 5, T10S, R22E  
NE1/4, SE1/4, Section 5, T10S, R22E  
G. Shut-in wells - SE1/4, NE1/4, Section 32, T9S, R22E  
H. Injection wells - none known.  
I. Monitoring wells - none known.

4. Location of Existing and/or Proposed Facilities Owned by Coastal Oil & Gas Corporation Within a One-Mile Radius:

- A. If well is productive the following guidelines will be followed:
1. A diagram showing the proposed production facilities layout will be submitted via Sundry Notice Form 3160-5 prior to facilities installation.
  2. All production facilities will be located on the disturbed portion of the well pad and at a minimum of twenty-five (25) feet from the toe of the backslope or top of the fill slope.
  3. The production facilities (consisting primarily of a christmas tree at the wellhead, dehydration unit, and emergency pit) will require an area approximately 300' x 135'.

4. Location of Existing and/or Proposed Facilities Owned by Coastal Oil & Gas Corporation Within a One-Mile Radius:

A. If well is productive the following guidelines will be followed: Continued

4. Production facilities will be accommodated on the existing well pad. Construction materials required for installation of the production facilities will be obtained from the site; any additional materials required will be purchased from a local supplier having a permitted (private) source of materials with the area.

A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

5. All permanent (on-site for 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 (5) State Rocky Mountain Interagency Committee.

All production facilities will be painted within six (6) months of installation. Facilities required to comply with Occupational Health and Safety Act Rules and Regulations will be excluded from this painting requirement.

The required paint color is Carlsbad Canyon, Munsell standard color number 2.5Y6/2.

6. If at any time the facilities located on public lands 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 Bureau of Land Management 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.

4. Location of Existing and/or Proposed Facilities Owned by Coastal Oil & Gas Corporation Within a One-Mile Radius:

A. If well is productive the following guidelines will be followed: Continued

7. A 4" surface gas pipeline will be installed from the CIGE #178-5-10-22 gas well and tie into the existing gas pipeline located in Section 9, T10S, R22E and Section 32, T9S, R22E (see attached Topo Map D). This pipeline will be inside the Natural Buttes Unit boundary and within federal lease U-01195 & state least ML-22649. A 30' width easement of approximately 2627' length is requested for this pipeline. There will be minimum surface disturbance as the pipeline will be laid on the surface.

B. The production (emergency) pit will be fenced with woven wire mesh topped with one (1) strand of barbed wire held in place with metal side posts and wooden corner "H" braces in order to protect livestock and wildlife. Please refer to Item #9E (page #9) for additional information on the fencing specifications.

C. During drilling and subsequent operations, all equipment and vehicles will be confined to the access road right-of-way and any additional areas as specified in the approved Application for Permit to Drill.

D. Reclamation of disturbed areas no longer needed for operations will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer, Bureau of Land Management.

5. Location and Type of Water Supply:

A. Fresh water for drilling will be obtained from the Indian water line in Ouray, Utah, located in the SE1/4 of Section 32, Township 8 South, Range 20 East, Uintah County, Utah.

B. Water will be transported over existing roads via tank truck from the point of diversion to the proposed NBU #188 well location. No new construction will be required on/along the proposed water haul route. No off-lease/unit federal lands will be crossed on/along the proposed water haul route.

C. No water well will be drilled on this location.

6. Source of Construction Materials:

- A. Construction materials needed for surfacing of the well pad will be native from location and/or access road.
- B. No construction materials will be taken from Federal and/or Indian lands without prior approval from the appropriate Surface Management Agency.
- C. If production is established, any additional construction materials needed for surfacing the access road and installation of production facilities will be purchased from a local supplier having a permitted (private) source of materials in the area.
- D. No new access roads for construction materials will be required.

7. Methods of Handling Waste Materials:

- A. Cuttings - the cuttings will be deposited in the reserve/bloolie pit.
- B. Drilling fluids - including salts and chemicals will be contained in the reserve/bloolie 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 ninety (90) days after termination of drilling and completion activities.

In the event adverse weather conditions prevent removal of the fluids from the reserve pit within this time period, an extension may be granted by the Authorized Officer upon receipt of a written request from Coastal Oil & Gas Corporation. The reserve pit will be constructed so as not to leak, break, or allow discharge. The reserve pit will be lined. A plastic nylon reinforced liner will be used. It will be a minimum of 12 MIL thickness w/sufficient bedding (either straw or dirt) 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, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the Authorized Officer.

7. Methods of Handling Waste Materials: Continued

- C. Produced fluids - liquid hydrocarbons produced during completion operations will be placed in test tanks on the location. Produced waste water will be confined to a lined pit (reserve pit) or storage tank for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period, in accordance with NTL-2B, an application for approval of a permanent disposal method and location, along with the required water analysis, shall be submitted for the Authorized Officer's approval. Failure to file an application within the time frame allowed will be considered an incidence of noncompliance.

Any spills of oil, gas, salt water or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

- D. Sewage - self-contained, chemical toilets will be provided by Rocket Sanitation for human waste disposal. Upon completion of operations, or as needed, the toilet holding tanks will be pumped and the contents thereof disposed of in the nearest, approved, sewage disposal facility.
- E. Garbage (trash) and other waste material - garbage, trash and other waste materials will be collected in a portable, self-contained and fully-enclosed trash cage during drilling and completion operations. Upon completion of operations (or as needed) the accumulated trash will be disposed of at an authorized sanitary landfill. No trash will be burned on location or placed in the reserve pit.
- F. Immediately after removal of the drilling rig, all debris and other waste materials not contained in the trash cage will be cleaned up and removed from the well location. No adverse materials will be left on the location upon the termination of drilling and completion operations. Any open pits will be fenced during the drilling operation and the fencing will be maintained until such time as the pits are backfilled.

8. Ancillary Facilities:

None anticipated.

9. Wellsite Layout:

- A. Figure #1 shows the drill site layout as staked. Cross sections have been drafted to visualize the planned cuts and fills across the location. A minimum of six (6) inches of topsoil will be stripped from the location (including areas of cut, fill, and/or subsoil storage) and stockpiled for future reclamation of the wellsite. Refer to Figure #1 for the location of the topsoil and subsoil stockpiles. (Stockpiled topsoil will be located on the east side of the location.) The reserve pit will be located on the northeast side of the location. The flare pit will be located downwind of the prevailing wind direction on the east side of location. Access to the location will be from the north and south. The drainage(s) from location shall be diverted from location per BLM specifications.
- B. Figure #1 is a diagram showing the rig layout. No permanent living facilities are planned. There will be one (1) trailer on location during drilling operations for the toolpusher.
- C. A diagram showing the proposed production facility layout will be submitted to the Authorized Officer via Sundry Notice (Form 3160-5) for approval of subsequent operations. Please refer to Item #4A (page #4) for additional information in this regard.
- D. An impervious liner will be installed in order to prevent drilling water loss through seepage.
- E. Prior to the commencement of drilling operations, the reserve pit will be fenced "sheep tight" on three (3) sides according to the following minimum standards:
  1. 39-inch net wire shall be used with at least one (1) 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).
  2. The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least 42 inches.

9. Wellsite Layout:

E. Continued

3. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
4. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two (2) posts shall be no greater than sixteen (16) feet.
5. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The fourth side of the reserve pit will be fenced immediately upon removal of the drilling rig and the fencing will be maintained until the pit is backfilled.

- F. Any hydrocarbons on the pit will be removed from the pit as soon as possible after drilling operations are completed.

10. Plans for Reclamation of the Surface:

A. Production

1. Immediately upon well completion, the well location and surrounding area(s) will be cleared of all unused tubing, equipment, debris, materials, trash and junk not required for production.
2. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.
3. The plastic or nylon reinforced pit liner shall be torn and perforated before backfilling of the reserve pit.
4. Before any dirt work to restore the location takes place, the reserve pit will be completely dry and all cans, barrels, pipe, etc. will be removed. Other waste and spoil materials will be disposed of immediately upon completion of drilling and workover activities.

10. Plans for Reclamation of the Surface:

A. Production - Continued

5. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed within ninety (90) days from the date of well completion, weather permitting.
6. For production, the fill slopes will be reduced from a 1.5:1 slope to a 3:1 slope and the cut slopes will be reduced from a 1.5:1 slope to a 3:1 slope by pushing the fill material back up into the cut.
7. Upon completion of backfilling, leveling and recontouring, the stockpiled topsoil will be evenly spread over the reclaimed area(s). Prior to reseeding, all disturbed surfaces (including the access road and location) will be scarified and left with a rough surface. No depressions will be left that would trap water and form ponds. All disturbed surfaces (including the access road and well pad areas) will be reseeded with a seed mixture to be recommended by the Authorized Officer, Bureau of Land Management.
8. Seed will be drilled on the contour to an approximate depth of one-half (1/2) inch. All seeding will be conducted after September 15 and prior to ground frost.

B. Dry Hole/Abandoned Location

1. At such time as the well is physically plugged and abandoned, Coastal Oil & Gas Corporation will submit a "Subsequent Report of Abandonment" to the Authorized Officer for approval. At that time, the Bureau of Land Management will formulate and appropriate surface rehabilitation requirements and attach them as the conditions of approval for final abandonment.

11. Surface Ownership:

The wellsite and proposed access road in Section 30, T9S-R22E, are situated on surface estate which is owned by the United States of America.

11. Surface Ownership: Continued

This surface estate is administered by:

Area Manager  
Book Cliffs Resource Area Office  
Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078  
Phone: (801) 789-1362

12. Other Information:

- A. Coastal Oil & Gas Corporation will be responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites or for collecting artifacts.

If historic or archaeological materials are un- covered, Coastal Oil & Gas Corporation will suspend all operations that might further disturb such materials and immediately contact the Authorized Officer.

Within five (5) working days the Authorized Officer will inform Coastal Oil & Gas Corporation as to:

- whether the materials appear eligible for the National Register of Historic Places;
- the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
- a time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If Coastal Oil & Gas Corporation wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, Coastal Oil & Gas Corporation will be responsible for mitigation costs.

12. Other Information: Continued

The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that the required mitigation has been completed, Coastal Oil & Gas Corporation will then be allowed to resume construction.

- B. Coastal Oil & Gas Corporation will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the Bureau of Land Management, or the Uintah County Extension Office. On lands administered by the Bureau of Land Management, it is required that a "Pesticide Use Proposal" shall be submitted, and approval obtained, prior to the application of herbicides or other pesticides or possible hazardous chemicals for the control of noxious weeds.
- C. Drilling rigs and/or equipment used during drilling operations on this wellsite will not be stacked or stored on federal lands after conclusion of drilling operations or at any other time without the proper authorization from the Bureau of Land Management. However, if BLM authorization is obtained, it is only a temporary measure to allow Coastal Oil & Gas Corporation the time to make arrangements for permanent storage at a commercial facility.

13. Additional Surface Stipulations:

- A. Coastal Oil & Gas Corporation shall contact the Bureau of Land Management between 24 and 48 hours prior to commencement of construction activities on the access road and/or well location: (801) 789-1362
- B. The Bureau of Land Management shall be notified upon site completion and prior to moving drilling tools onto the location.

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

Representative

Coastal Oil & Gas Corporation  
Randy L. Bartley, Operations Manager  
P. O. Box 749  
Denver, Colorado 80201-0749  
Phone: (303) 572-1121

Eileen Dey, Regulatory Analyst\*  
P. O. Box 749  
Denver, Colorado 80201-0749  
Phone: (303) 573-4476

\* Contact for any additional information which may be required for approval of this Application for Permit to Drill.

Certification:

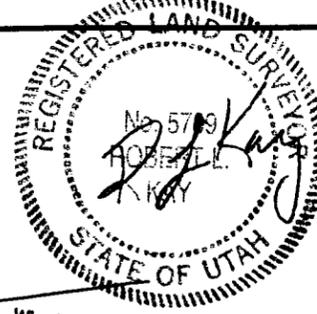
All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

Coastal Oil & Gas Corporation will be fully responsible for the actions of their 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.

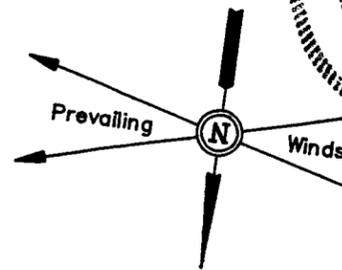
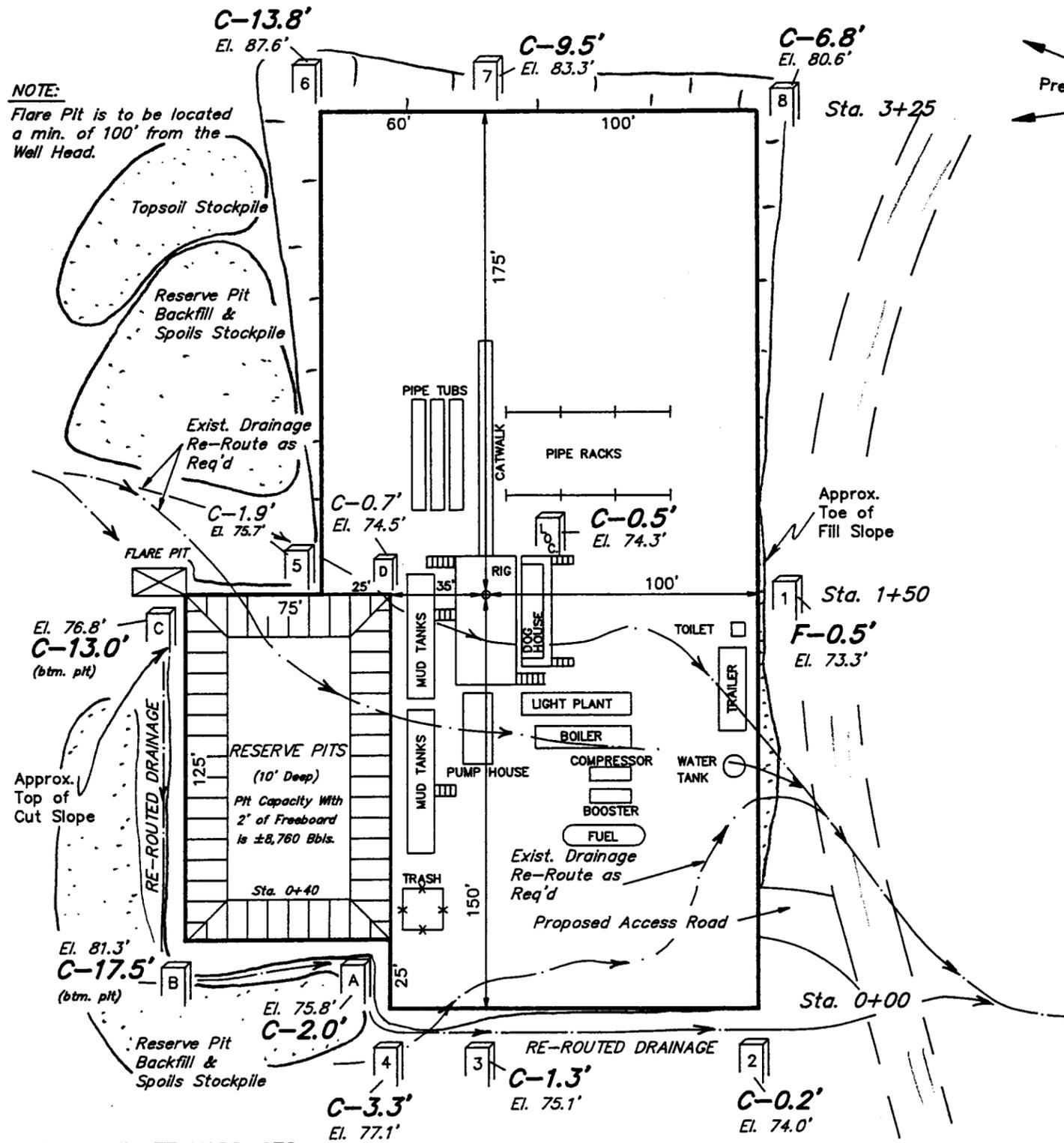
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Coastal Oil & Gas Corporation, its' contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

1/23/92  
Date

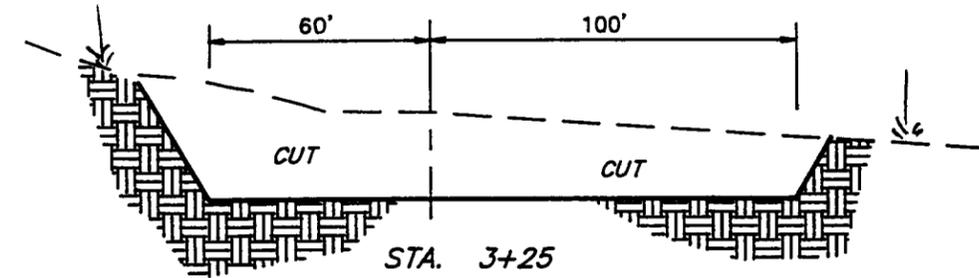
Eileen Danni Dey  
Eileen Danni Dey - Regulatory Analyst



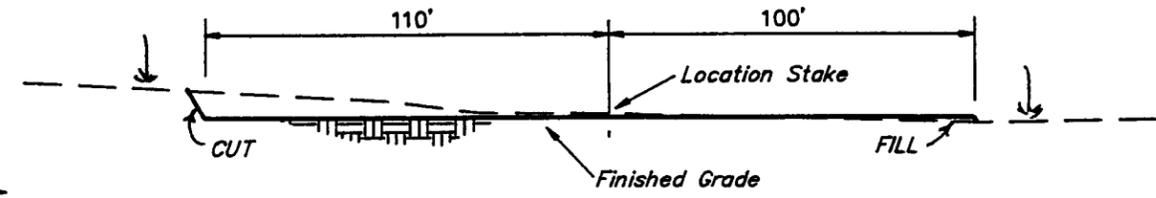
COASTAL OIL & GAS CORP.  
 LOCATION LAYOUT FOR  
 CIGE #178-5-10-22  
 SECTION 5, T10S, R22E, S.L.B.&M.



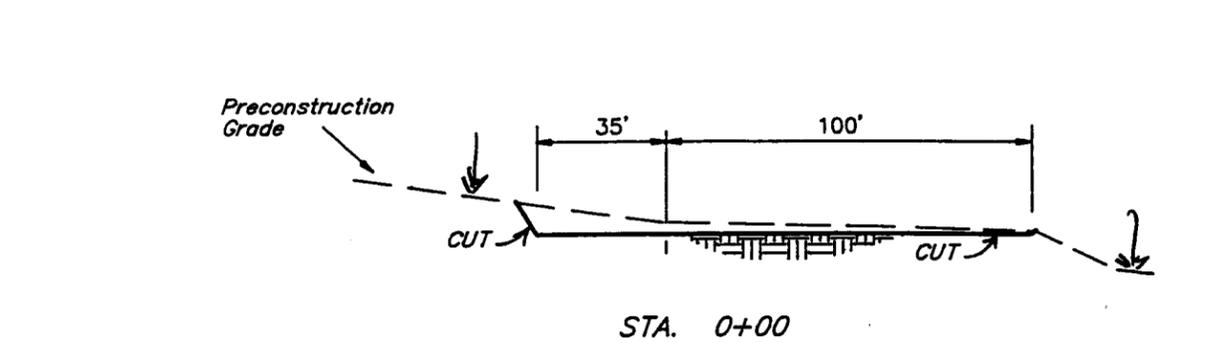
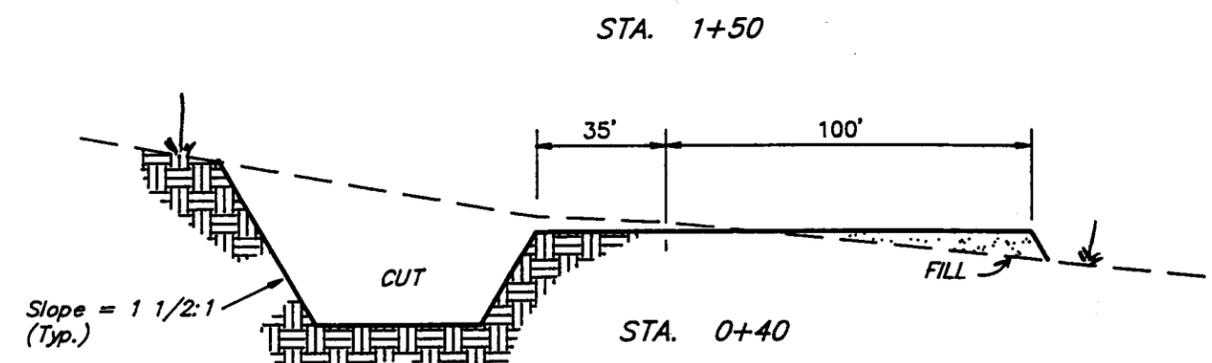
SCALE: 1" = 50'  
 DATE: 7-9-92  
 Drawn By: R.E.H.



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



TYP. LOCATION LAYOUT  
 TYP. CROSS SECTIONS



APPROXIMATE YARDAGES

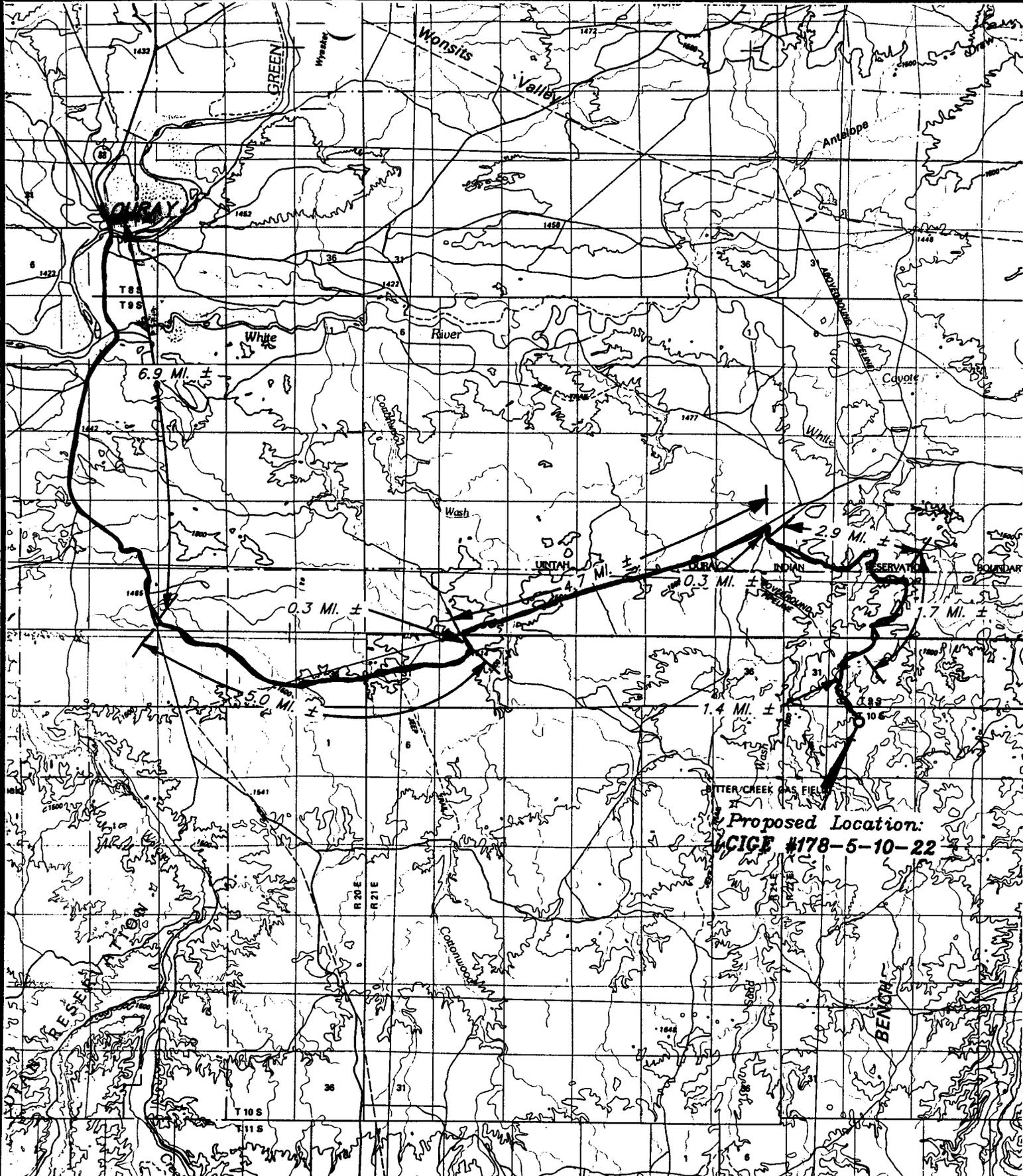
CUT	
(6") Topsoil Stripping	= 1,070 Cu. Yds.
Remaining Location	= 8,770 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 9,840 CU.YDS.</b>
<b>FILL</b>	<b>= 830 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 8,970 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,290 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 6,680 Cu. Yds.

NOTES:

Elev. Ungraded Ground At Loc. Stake = 5074.3'  
 FINISHED GRADE ELEV. AT LOC. STAKE = 5073.8'

FIGURE #1



TOPOGRAPHIC  
MAP "A"

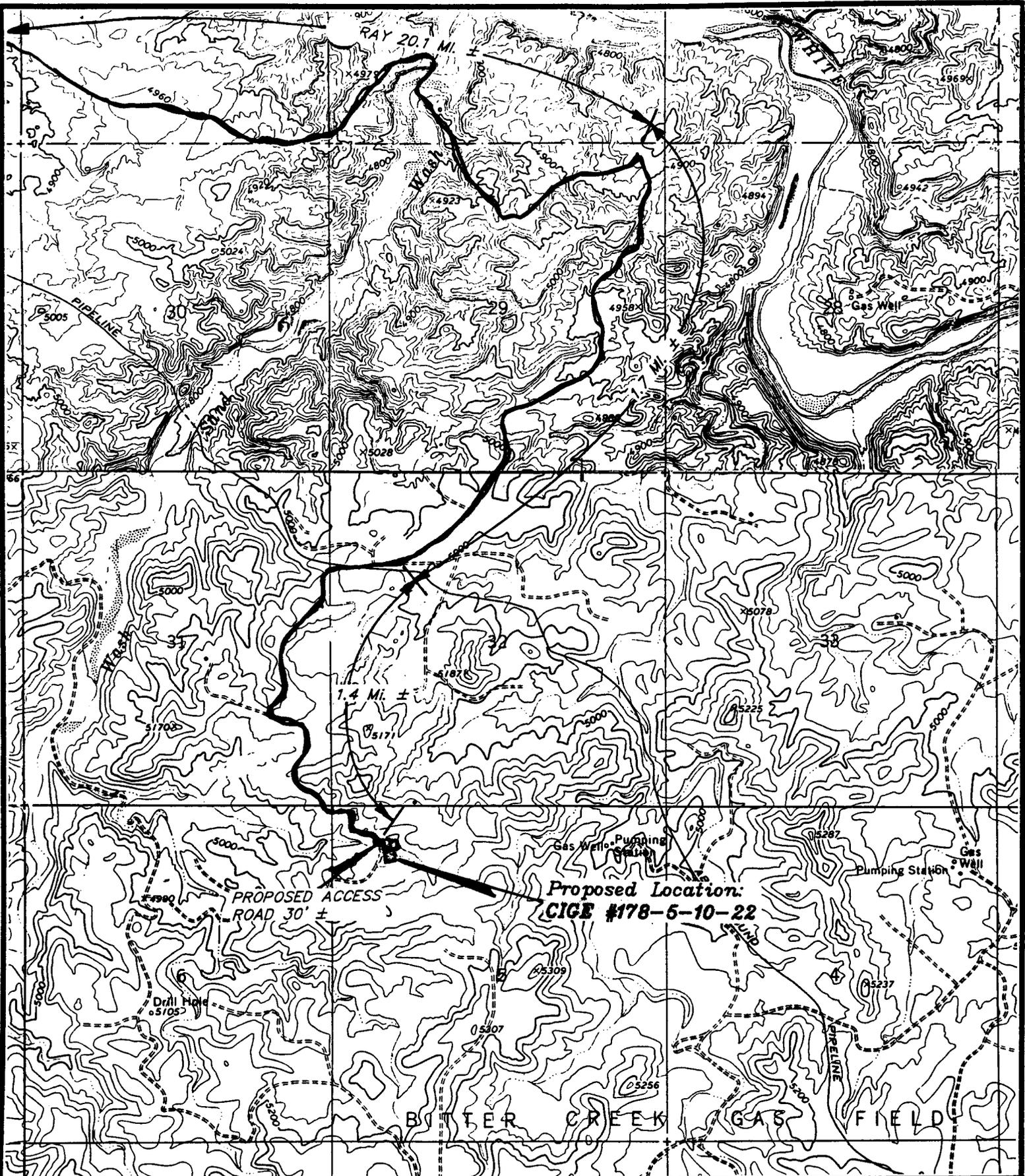
DATE: 7-7-92 J.L.G.



**COASTAL OIL & GAS CORP.**

CIGE #178-5-10-22

SECTION 5, T10S, R22E, S.L.B.&M.



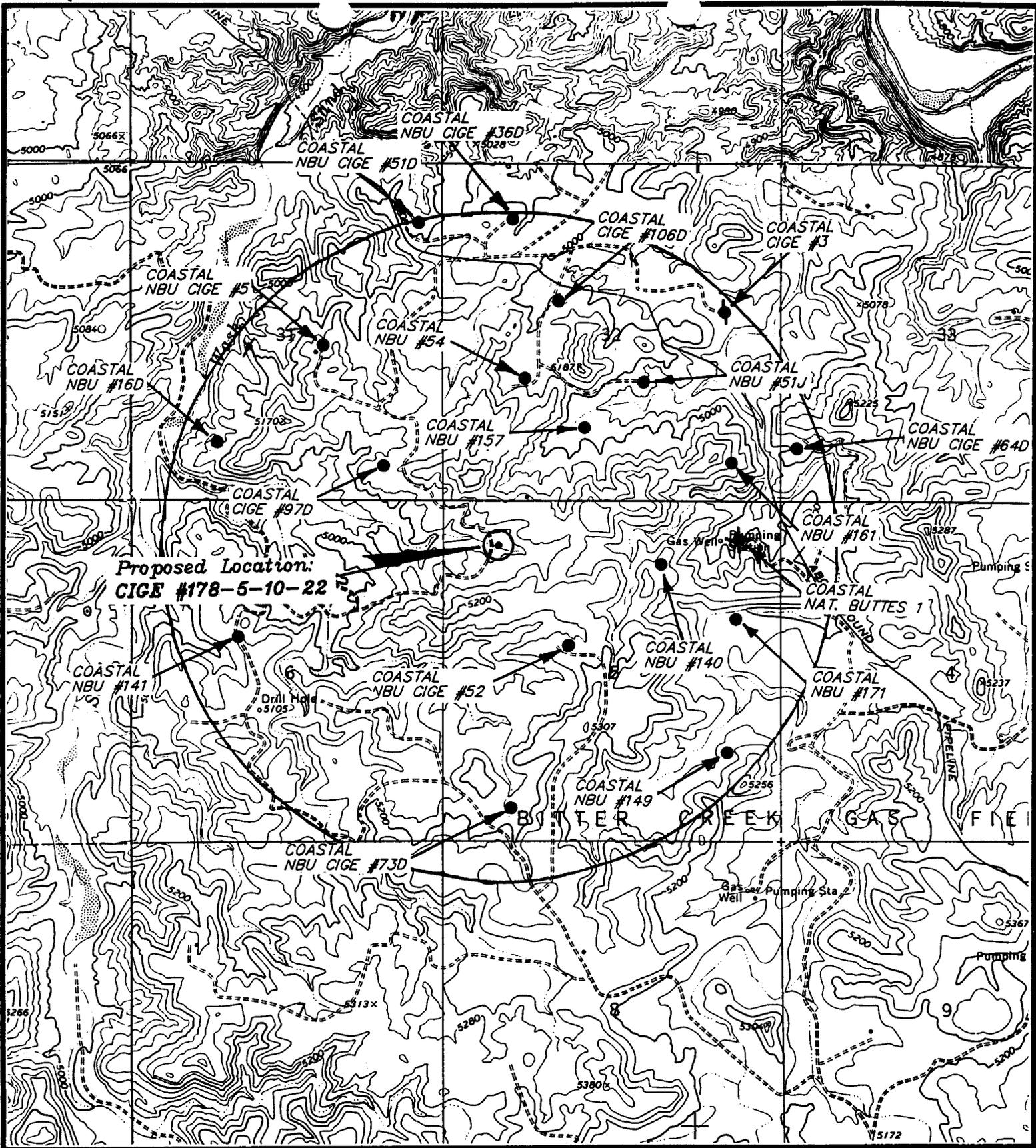
TOPOGRAPHIC  
MAP "B"

SCALE: 1" = 2000'  
DATE: 7-7-92 J.L.G.



**COASTAL OIL & GAS CORP.**

CIGE #178-5-10-22  
SECTION 5, T10S, R22E, S.L.B.&M.



**Proposed Location:  
CIGE #178-5-10-22**

**LEGEND:**

- ⊕ = Water Wells
- ◆ = Abandoned Wells
- = Temporarily Abandoned Wells
- ⊘ = Disposal Wells
- = Drilling Wells
- = Producing Wells
- = Shut-in Wells

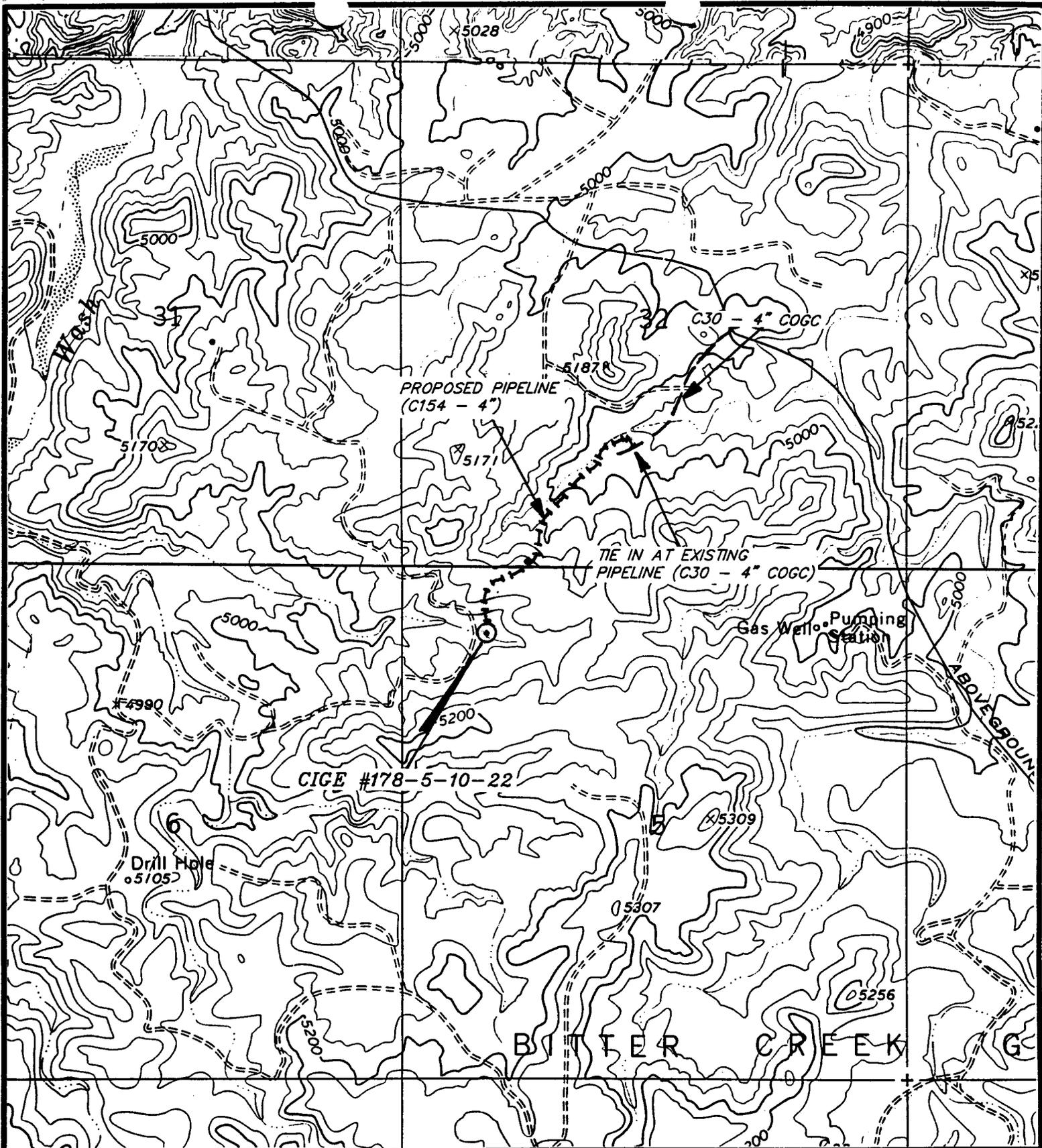


**COASTAL OIL & GAS CORP.**

CIGE #178-5-10-22  
SECTION 5, T10S, R22E, S.L.B.&M.

**TOP O MAP "C"**

DATE: 7-7-92 J.L.G.



**TOTAL PIPELINE SLOPE DISTANCE = 2627'**

**TOPOGRAPHIC  
MAP "D"**

LEGEND

- EXISTING PIPELINE
- +++++ Proposed Pipeline



**COASTAL OIL & GAS CORP.**

PROPOSED PIPELINE RIGHT-OF-WAY FOR  
CIG #178-5-10-22  
SECTION 5, T10S, R22E, S.L.B.&M.

DATE: 7-10-92

APD WORKSHEET  
Division of Oil, Gas and Mining

OPERATOR: COASTAL OIL AND GAS CORP  
WELL NAME: CIGE 178-5-10-22

APD RECEIVED: 07/27/92

API ASSIGNED: 43-047-32330

LEASE TYPE: FED LEASE NUMBER: J-01195  
LOCATION: NWNW 05 - T10S - R22E UINTAH COUNTY  
FIELD: NATURAL BUTTES CODE: 1530

RECEIVED AND/OR REVIEWED:

- Plat
- Bond  
(Number \_\_\_\_\_)
- Potash (Y/N) (N)
- Oil shale (Y/N) (N)
- Water permit  
(Number Indian Butte line)
- Sent to RDCC (Y/N) (N)  
(Date: \_\_\_\_\_)

SPACING:

- R649-2-3. Unit: Natural Buttes
- \_\_\_\_\_ R649-3-2. 40 acre spacing.
- \_\_\_\_\_ R649-3-3. Exception.
- \_\_\_\_\_ Board Order.  
Cause number: \_\_\_\_\_  
Date: \_\_\_\_\_

COMMENTS: Included in amended 90 PDD approved 8-7-92

STIPULATIONS:

Oil shale area

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-01195

6. If Indian, Allottee or Tribe Name

N/A

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

CIGE #178-5-10-22

9. API Well No.

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

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):  
926' FWL & 685' FNL (NW/NW)  
Section 5, T10S-R22E

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

- Change of Plans Variance
- 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.)

Coastal Oil & Gas Corporation requests a variance to the existing rules and regulations requiring the blooie line to be not less than 100 feet from the borehole.

This well is being drilled with air mist injecting water at a rate of 15-20 gpm until they reach the lost circulation zone. Then the rig pumps are utilized using aerated water at the rate of 190 gpm to total depth.

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
8-5-92

DATE: 8-5-92  
BY: JAN Matthews

RECEIVED

JUL 31 1992

DIVISION OF  
OIL GAS & MINING

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

Signed: [Signature] Title: Regulatory Analyst Date: 7/27/92

(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.



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangarter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

August 11, 1992

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

Gentlemen:

Re: CIGE 178-5-10-22 Well, 685 feet from the north line, 926 feet from the west line, NW 1/4 NW 1/4, Section 5, Township 10 South, Range 22 East, Uintah County, Utah

Pursuant to Utah Code Ann. § 40-6-18, (1953, as amended), Utah Admin. R. 649-2-3, Application of Rules to Unit Agreements and R. 649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, approval to drill the referenced well is hereby granted.

In addition, the following specific actions are necessary to fully comply with this approval:

1. Compliance with the requirements of Utah Admin. R. 649-1 et seq., Oil and Gas Conservation General Rules.
2. Notification within 24 hours after drilling operations commence.
3. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
4. Submittal of the Report of Water Encountered During Drilling, Form 7.
5. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or R.J. Firth, Associate Director, (Home) (801)571-6068.

Page 2  
Coastal Oil & Gas Corporation  
CIGE 178-5-10-22 Well  
August 11, 1992

6. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

Trash and sanitary waste should be properly contained and transported to approved disposal locations, not retained in or disposed of in pits on location or downhole. Prior to the commencement of drilling operations, the operator should consult the local/county sanitarian and/or the Department of Environmental Quality, Division of Drinking Water/Sanitation, regarding appropriate disposal of sanitary waste.

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-047-32330.

Sincerely,



R.J. Firth  
Associate Director, Oil and Gas

ldc  
Enclosures  
cc: Bureau of Land Management  
J.L. Thompson  
WO11

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

2. NAME OF OPERATOR  
 Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR  
 P.O. Box 749 Denver, CO 80201-0749 (303) 378-4476

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
 At surface 926' FWL & 685' FNL (NW/NW) Section 5, T10S, R22E  
 At proposed prod. zone Same as above.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately 24 miles southeast of Ouray, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 685'

16. NO. OF ACRES IN LEASE 577.75

17. NO. OF ACRES ASSIGNED TO THIS WELL 80

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1900'

19. PROPOSED DEPTH 5600'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5074' GR

22. APPROX. DATE WORK WILL START\* September 1, 1992

5. LEASE DESIGNATION AND SERIAL NO.  
 U-01195

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

7. UNIT AGREEMENT NAME  
 Natural Buttes Unit

8. FARM OR LEASE NAME  
 CIGE

9. WELL NO.  
 178-5-10-22

10. FIELD AND POOL, OR WILDCAT  
 Natural Buttes

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Section 5, T10S, R22E

12. COUNTY OR PARISH  
 Uintah

13. STATE  
 Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" K-55	24.0#	0 - 250'	180 cu. yds. to surface *
7-7/8"	5-1/2" K-55	17.0#	0 - 5600'	1000 cu. yds. to surface *

\* Cement volumes may change due to hole size.  
 Calculate from Caliper log.

EIGHT-POINT RESOURCE PROTECTION PLAN ATTACHED.

I hereby certify that Coastal Oil & Gas Corporation is authorized by the proper Lease Interest Owners to conduct lease operations associated with this Application for Permit to Drill the CIGE #178-5-10-22, Federal Lease U-01195. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation, Nationwide Bond #CO-0018, who will be responsible for compliance with all the terms and conditions of that portion of the lease associated with this Application.

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.

24. SIGNED [Signature] TITLE Regulatory Analyst DATE 7/23/92

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY [Signature] TITLE ASSISTANT DISTRICT DATE AUG 17 1992

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

NOTICE OF APPROVAL

\*See Instructions On Reverse Side

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

Company/Operator: Coastal Oil & Gas Corporation

Well Name & Number: CIGE 178-5-10-22

Lease Number: U-01195

Location: NWNW Sec. 5 T. 10S R. 22E

Surface Ownership: Federal Lands administered by BLM

**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.

## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

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

### A. DRILLING PROGRAM

1. 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. 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

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.**

3. Casing Program and Auxillary Equipment

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

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Mahogany oil shale, identified at  $\pm$  2,080 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 vapor-proof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) shall be utilized to determine the top of cement (TOC) and bond quality for the production casing.

6. Notification of Operations

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.

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.

All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to.

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.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and within 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

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 monthly for the first three months on new meter installations 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 approvals are necessary, please contact one of the following individuals:

Gerald E. Kenczka (801) 781-1190  
Petroleum Engineer

Ed Forsman (801) 789-7077  
Petroleum Engineer

BLM FAX Machine (801) 789-3634

## 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, spent 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.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: COASTAL 30330  
43-047-32230

WELL NAME: CIGE 178

Section 5 Township 10S Range 22E County UINTAH

Drilling Contractor CHANDLER

Rig # 1

SPUDDED: Date 8/30/92

Time 11:00 AM

How DRY HOLE

Drilling will commence \_\_\_\_\_

Reported by DOUG W/LEON ROSS

Telephone # 1-722-4469

Date 8/30/92 SIGNED JLT

OPERATOR Coastal Oil & Gas Corporation

OPERATOR ACCT. NO. N 0730

ADDRESS P. O. Box 749

Denver, CO 80201-0749

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	2900	→	43-047-32330	CIGE #178-5-10-22	NWNW	5	10S	22E	Uintah	8/30/92	8/30/92

WELL 1 COMMENTS:

*Entity added 9-16-92. ja* For: CIG Exploration

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.

**RECEIVED**

SEP 14 1992

DIVISION OF  
OIL, GAS & MINING

*Eileen Danni Dey*  
Signature Eileen Danni Dey

Regulatory Analyst 9/10/92

Title Date

Phone No. (303) 573-4476

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  
 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)  
 685' FNL & 926' FWL  
 NW $\frac{1}{4}$ /NW $\frac{1}{4}$  Section 5, T10S-R22E

5. Lease Designation and Serial No.  
 U-01195

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

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

8. Well Name and No.  
 CIGE 178-5-10-22

9. API Well No.  
 43-047-32330

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	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 Report of Spud
	<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

(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.)

MIRU Leon Ross Drilling, Inc. Spudded surface hole at 11:00 a.m., 8/30/92. Drilled 12-1/4" surface hole to 261' GL. Ran 7 joints 8-5/8" 24# J-55 ST&C and set at 270' KB. RU Halliburton and pumped 150 sx Class "G" cmt w/additives. Did not circ returns to surface. Pumped top-down job w/50 sx Thixotropic cmt plus additives.

**RECEIVED**

SEP 14 1992

DIVISION OF  
OIL GAS & MINING

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

Signed Eileen Danni DeJoy Title Regulatory Analyst Date 9/11/92  
 (This space for Federal or State office use)

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

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

\*See Instruction on Reverse Side

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-01195

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

CIGE #178-5-10-22

9. API Well No.

43-047-32330

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 (Fontage, Sec., T., R., M., or Survey Description)  
 926' FWL & 685' FNL (NW/NW)  
 Section 5, T10S, R22E

**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 Report of 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.)

3. 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 the drilling operations performed on the above-referenced well.

**RECEIVED**

SEP 28 1992

DIVISION OF  
OIL GAS & MINING

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

Signed [Signature] Title Regulatory Analyst Date 9/24/92

(This space for Federal or State office use)

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

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

\*See instruction on Reverse Side

COASTAL OIL & GAS CORPORATION  
CHRONOLOGICAL HISTORY

CIGE #178

NATURAL BUTTES UNIT

UINTAH COUNTY, UTAH

CHANDLER #1

WI: 100% CIGE AFE: 18278

ATD: 5700' (WASATCH) SD: 9/12/92

CSG: 8-5/8" @ 270'; 5 1/2" @ 5697'

DHC(M\$): 177.2

- 9/1/92 270' KB WORT. Spud 12-1/4" surface hole at 11:00 a.m. on 8/30/92 w/Leon Ross Drlg. Drill to 261' GL. Run 7 jts 8-5/8" 24# J-55 ST&C @ 270' KB. RU Halliburton and pump 150 sx Class "G" cmt w/2% CaCl<sub>2</sub> and 1/4#/sx Flocele. Did not circ returns to surface. Pump top down job w/50 sx Thixotropic cmt w/3#/sx Capseal and 1/2#/sx Flocele. CC: \$11,880.
- 9/9/92 WORT. CC: \$21,662.
- 9/10/92 270' WORT. Expect to spud Friday, 9/11/92. CC: \$28,053.
- 9/11/92 WORT. CC: \$28,704.
- 9/12/92 300' Drlg 30'/1 hr. MIRU Chandler #1. NU BOP and blooie line. Test BOP, pipe rams, chk manifold, valves, kelly cock to 2000#. Blind rams did no test. WO blind rams. Test blind rams to 2000 psi. Test csg and annulus to 1500#. PU BHA and rot hd. Drlg cmt and shoe. Tag cmt at 232'. Drlg w/air mist. Spudded well qt 5:00 a.m., 9/12/92. CC: \$34,598.
- 9/13/92 2000' Drlg 1700'/21.5 hrs. Drlg, svys: 1/2 deg @ 300'; 1 deg @ 800'; 1 deg @ 1299'; 1-1/2 deg @ 1810'. Chg to aerated wtr at 1511'. 600 CFM. CC: \$53,823.
- 9/14/92 3270' Drlg 1270'/23 hrs. Drlg, RS, svy: 1-1/2 deg @ 2308'; 1-3/4 deg @ 2822'. Drlg w/aerated wtr, 600 CFM. CC: \$68,617.
- 9/15/92 4370' Drlg 1100'/22.5 hrs. Drlg, svy: 1-1/2 deg @ 3303'; 1-1/2 deg @ 3808'. Drlg, RS, chk BOP's. Drlg, chg rot hd rbr. Drlg w/aerated wtr, 600 CFM. CC: \$88,686.
- 9/16/92 5037' Drlg 667'/21 hrs. Drlg, RS, chk BOP's. Svy: 3/4 deg @ 4323'; 1 deg @ 4813'. Drlg brks from 4946-4964'; 4981-4989'. Aerated DAP wtr, 600 CFM. CC: \$102,708.
- 9/17/92 5650' Drlg 613'/21 hrs. TFNB #2. RS, work BOPE. TIH w/bit and wash 40' to btm. Drlg brks from 5157-5173', 5204-5238', 5354-5359'. Aerated DAP/DAP wtr. Air 600 CFM. CC: \$113,308.
- 9/18/92 5700' RIH w/5-1/2" csg. 50'/2 hrs. Drlg - TD @ 8:00 a.m. Circ. ST 20 stds. Circ and spot 400 bbls brine. POH for logs. Log OH w/Schlumberger: DLL-GR-Cal from TD to surf. DNL-FDC from TD to 2200'. TIH. LD DP & DC's. RU csg tools. RIH w/5-1/2" csg. 10# brine. Svy: 1-3/4 deg @ 5700'. CC: \$137,561.
- 9/19/92 5700' RD MORT. Run 134 jts 5-1/2" csg, 17#, J-55, 8rd, LT&C. Tally 5701.65', set at 5697'. FC at 5655'. Circ csg. RU Howco. Pmp 30 bbls Superflush. Mix and pump 250 sx Type V Hi-Fill std w/1#/sx Capseal, .3% HR-7. Tail w/485 sx Type H 50-50 Poz w/2% gel, 10% salt BWOW, .6% Hal 24, .2% CFR-3, 1#/sx Capseal, 1/4#/sx Flocele, displ w/130 bbls wtr. No returns throughout. Good lift. Bump plug to 1400#. Floats held. ND BOPE. Set slips w/95,000#, cut off csg. Rig released at 10:30 a.m., 9/18/92. CC: \$197,976. FINAL DRILLING REPORT.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

RECEIVED  
DEC 14 1992

DIVISION OF  
OIL & GAS EXPLORATION

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

2. NAME OF OPERATOR  
Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR  
P.O. Box 749 Denver, CO 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 926' FWL & 685' FNL (NW/NW)

At top prod. interval reported below Same as above.

At total depth Same as above.

5. LEASE DESIGNATION AND SERIAL NO.  
U-01195

6. IF INDIAN ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
Natural Buttes Unit

8. FARM OR LEASE NAME  
CIGE

9. WELL NO.  
178-5-10-22

10. FIELD AND POOL OR WILDCAT  
Natural Buttes

11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA  
Section 5, T10S, R22E

14. PERMIT NO. 43-047-32330 DATE ISSUED 8/11/92

13. DATE SPUDDED 8/30/92 16. DATE T.D. REACHED 9/17/92 17. DATE COMPL. (Ready to prod.) 11/8/92 18. ELEVATIONS (DP, RKB, RT, GR, ETC.)\* 5074' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5700 21. PLUG BACK T.D., MD & TVD 5663' 22. IF MULTIPLE COMPL. HOW MANY\* 23. INTERVALS DRILLED BY SFC-TD 24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 4943-5352' Wasatch 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DLL-GR-Cal; CNF-FDC; CBL-CCL-GR 27. WAS WELL COBED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	270'	12-1/4"	150 sx Cl "G" + Add	None
5-1/2"	17#	5697'	7-7/8"	735 sx HiFill & 50/50 Poz	None
				8-5/8"x5-1/2" Annulus 205 sx Cl "G" Bullhead Squeeze	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD		
					SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	4899'	

31. PERFORATION RECORD (Interval, size and number) Perforated w/4" csg gun 1 JSPF @ the following depths:

INTERVAL	SIZE	NUMBER
4943'-4985'	5165'	5221'
4952'-5137'	5202'	5228'
4958'-5148'	5207'	5352'
5158'-5213'		

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4943-5352'	38 bbls 15% HCL + 40 R S 's
4943-5352'	147,336 gal gel 3% KCL wtr + 30-11% CO <sub>2</sub> ; 388,000# 20/40 sand

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
10/7/92	Flowing	SI

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
11/8/92	24	18/64"		0	2500	0	N/A

FLOW TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)
1200	1300		0	2500	0	N/A

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

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 Eileen Danni Dey TITLE Regulatory Analyst DATE 12/10/92

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Wasatch	4459'	4459'

COASTAL OIL & GAS CORPORATION  
CHRONOLOGICAL HISTORY

CIGE #178  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
CHANDLER #1  
WI: 100% CIGE AFE: 18278  
ATD: 5700' (WASATCH) SD: 9/12/92  
CSG: 8-5/8" @ 270'; 5 1/2" @ 5697'  
DHC(MS): 177.2

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9/12/92 300' Drlg 30'/1 hr. MIRU Chandler #1. NU BOP and blooie line. Test BOP, pipe rams, chk manifold, valves, kelly cock to 2000#. Blind rams did no test. WO blind rams. Test blind rams to 2000 psi. Test csg and annulus to 1500#. PU BHA and rot hd. Drlg cmt and shoe. Tag cmt at 232'. Drlg w/air mist. Spudded well qt 5:00 a.m., 9/12/92. CC: \$34,598.

9/13/92 2000' Drlg 1700'/21.5 hrs. Drlg, svys: 1/2 deg @ 300'; 1 deg @ 800'; 1 deg @ 1299'; 1-1/2 deg @ 1810'. Chg to aerated wtr at 1511'. 600 CFM. CC: \$53,823.

9/14/92 3270' Drlg 1270'/23 hrs. Drlg, RS, svy: 1-1/2 deg @ 2308'; 1-3/4 deg @ 2822'. Drlg w/aerated wtr, 600 CFM. CC: \$68,617.

9/15/92 4370' Drlg 1100'/22.5 hrs. Drlg, svy: 1-1/2 deg @ 3303'; 1-1/2 deg @ 3808'. Drlg, RS, chk BOP's. Drlg, chg rot hd rbr. Drlg w/aerated wtr, 600 CFM. CC: \$88,686.

9/16/92 5037' Drlg 667'/21 hrs. Drlg, RS, chk BOP's. Svy: 3/4 deg @ 4323'; 1 deg @ 4813'. Drlg brks from 4946-4964'; 4981-4989'. Aerated DAP wtr, 600 CFM. CC: \$102,708.

9/17/92 5650' Drlg 613'/21 hrs. TFNB #2. RS, work BOPE. TIH w/bit and wash 40' to btm. Drlg brks from 5157-5173', 5204-5238', 5354-5359'. Aerated DAP/DAP wtr. Air 600 CFM. CC: \$113,308.

9/18/92 5700' RIH w/5-1/2" csg. 50'/2 hrs. Drlg - TD @ 8:00 a.m. Circ. ST 20 stds. Circ and spot 400 bbls brine. POH for logs. Log OH w/Schlumberger: DLL-GR-Cal from TD to surf. DNL-FDC from TD to 2200'. TIH. LD DP & DC's. RU csg tools. RIH w/5-1/2" csg. 10# brine. Svy: 1-3/4 deg @ 5700'. CC: \$137,561.

9/19/92 5700' RD MORT. Run 134 jts 5-1/2" csg, 17#, J-55, 8rd, LT&C. Tally 5701.65', set at 5697'. FC at 5655'. Circ csg. RU Howco. Pmp 30 bbls Superflush. Mix and pump 250 sx Type V Hi-Fill std w/1#/sx Capseal, .3% HR-7. Tail w/485 sx Type H 50-50 Poz w/2% gel, 10% salt BWOW, .6% Hal 24, .2% CFR-3, 1#/sx Capseal, 1/4#/sx Flocele, displ w/130 bbls wtr. No returns throughout. Good lift. Bump plug to 1400#. Floats held. ND BOPE. Set slips w/95,000#, cut off csg. Rig released at 10:30 a.m., 9/18/92. CC: \$197,976. FINAL DRILLING REPORT.

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

PAGE 2

CIGE #178-5-10-22  
SECTION 5, T10S-R22E  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
WI: 100% CIGE AFE: 18278  
TD: 5700' (WASATCH) SD: 9/12/92  
CSG: 5-1/2" @ 5697'  
PERFS: 4943'-5352'  
CWC(M\$): 376.2

- 9/20/92 WOCU. Drop from report until further activity.  
TC: \$197,976
- 10/4/92 WO completion rig. MIRU Cutters WLS w/mast truck. Ran CBL-CCL-GR log from 5591' to surface w/1000 psi on csg. Good bond. TOC @ 1590'. RDMO WL.  
DC: \$22,920 TC: \$220,896
- 10/5/92 Prep to perf. MIRU Well Tech rig #565. NU BOP. PU & RIH w/4-3/4" mill & 2-3/8" tbg. Tag PBD @ 5663'. Circ hole w/140 bbbls 3% KCl wtr. POH w/tbg & mill. PT csg to 5000 psi, OK.  
DC: \$3,350 TC: \$224,246
- 10/7/92 Flwg back after acid breakdown. RU Cutters WLS. Perf 14 holes 4943'-5352'. RIH w/tbg to 5350'. Spot 10 bbbls 15% HCl across perfs. PU tbg to 4899'. ND BOP, NU WH. RU Smith Energy. Breakdown perfs w/38 bbbls 15% HCl + 40 BS's. BD @ 2600 psi. Treat @ 8.1 BPM @ 3950 psi. Ball action to 4100 psi, did not ball off. ISIP 900 psi, 15 min 490 psi. Flwd to pit 1-hr, rec 30 BW. Made 2 swab runs, well kicked off. Flwd overnight on 20/64" ck. 207 BLTBR. Tbg - 154 jts landed @ 4899' w/notched collar on btm, SN 1-jt above & 10' blast jt on top.  
DC: \$14,300 TC: \$238,546
- 10/7/92 Flwg 1.0 MMCFD gas, FTP 425 psi, CP 500 psi, 20/64" chk, 15 BWPD.
- 10/8/92 SI, WO frac. Flwd 1.0 MMCFD gas, FTP 425 psi, CP 20/64" chk, 15 BWPD. RDMO Well Tech rig #565. RU Western Company. Cement 8-5/8" x 5-1/2" csg annulus w/20 bbbls LCM pill, 55 sx Super "G" w/2% CaCl<sub>2</sub> + .7% CF-2 + 3 pps Hi-Seal 3 + 1/4 pps Cello Seal & 150 sx Super "G" w/3% CaCl<sub>2</sub> + .7% CF-2. Vacuum throughout job. Shut well in. Drop from report.  
DC: \$6,160 TC: \$244,706
- 10/23/92 MIRU Western Company. Mix & displace 55 sx Class "G" w/2% CaCl<sub>2</sub> + .7% CF-2. Pressured up & held. RD Western. Drop from report.  
DC: \$2,620 TC: \$247,326
- 10/28/92 Flow back after frac. Set & fill frac tanks & CO<sub>2</sub> vessels. RU Western Company frac equip. Frac perfs 4943'-5352' (14 holes) w/147,336 gal gel 3% KCl wtr + 30%-11% CO<sub>2</sub> & 388,000# 20/40 sand in 2 stages w/7 ball sealers between stages. AIR 1st stage - 30 BPM @ 1800 psi, 2nd stage 30 BPM @ 1850 psi. ISIP 890 psi, 15 min 690 psi. SI 2-hrs. Start flow back on 20/64" chk @ 3:30 p.m.  
DC: \$129,740 TC: \$377,066
- 10/28/92 Flwg 1.5 MMCFD CO<sub>2</sub>, FTP 950 psi, CP 950 psi, 18/64" chk.
- 10/29/92 Flwg 1.5 MMCFD CO<sub>2</sub>, FTP 900 psi, CP 1050 psi, 18/64" chk, 15 BWPD.
- 10/30/92 Flwg 2.5 MMCFD CO<sub>2</sub>, FTP 1400 psi, CP 1350 psi, 18/64" chk, 15 BWPD.
- 10/31/92 Flwg 2.5 MMCFD CO<sub>2</sub>, FTP 1350 psi, CP 1200 psi, 18/64" chk, 10 BWPD.

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

CIGE #178-5-10-22  
SECTION 5, T10S-R22E  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
WI: 100% CIGE AFE: 18278

PAGE 3

11/1/92 Flwg 2.5 MMCFD CO<sub>2</sub>, FTP 1400 psi, CP 1200 psi, 18/64" chk, 10 BWPD.  
11/2/92 Flwg 2.5 MMCFD CO<sub>2</sub>, FTP 1500 psi, CP 1150 psi, 18/64" chk, 10 BWPD.  
11/3/92 Flwg 2.5 MMCFD CO<sub>2</sub>, FTP 1400 psi, CP 1450 psi, 18/64" chk, 20 BWPD.  
11/4/92 Flwg 2.1 MMCFD CO<sub>2</sub>, FTP 1400 psi, CP 2100 psi, 18/64" chk, 3-5 BWPD.  
11/5/92 Flwg 2.0 MMCFD CO<sub>2</sub>, FTP 1450 psi, CP 1800 psi, 18/64" chk, 15 BWPD.  
11/6/92 Flwg 2.5 MMCFD CO<sub>2</sub> & gas, FTP 1350 psi, CP 1350 psi, 18/64" chk, 3  
BWPD.  
11/7/92 Flwg 2.5 MMCFD gas, FTP 1250 psi, CP 1550 psi, 18/64" chk, 3-5 BWPD.  
11/8/92 SI, WOPLC. Flwd 2.5 MMCFD dry gas, FTP 1200 psi, CP 1300 psi, 18/64"  
chk. SI @ 6:30 a.m., 11/8/92. Drop from report.

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-01195

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Natural Buttes

8. Well Name and No.

CIGE 178-5-10-22

9. API Well No.

43-047-32330

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 and Gas Corporation

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749 #303-572-1121

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

926' FWL & 685' FNL (NW/NW)  
Section 5-T10S-R22E

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

TYPE OF SUBMISSION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

TYPE OF ACTION

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

The above referenced well was connected to CIG's gas sales line and first sales occurred at 1:00 PM, March 30, 1993, with a rate of 1422 MCFPD, 0 BOPD, 0 BWPD, FTP 1819 psi, SICP 1353 psi on a 12/64" choke.

**RECEIVED**

APR 15 1993

DIVISION OF  
OIL GAS & MINING

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

Signed

*Eileen Danini Day*

Title

Regulatory Analyst

Date

April 13, 1993

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

PGW

COASTAL OIL & GAS CO.

U-01195

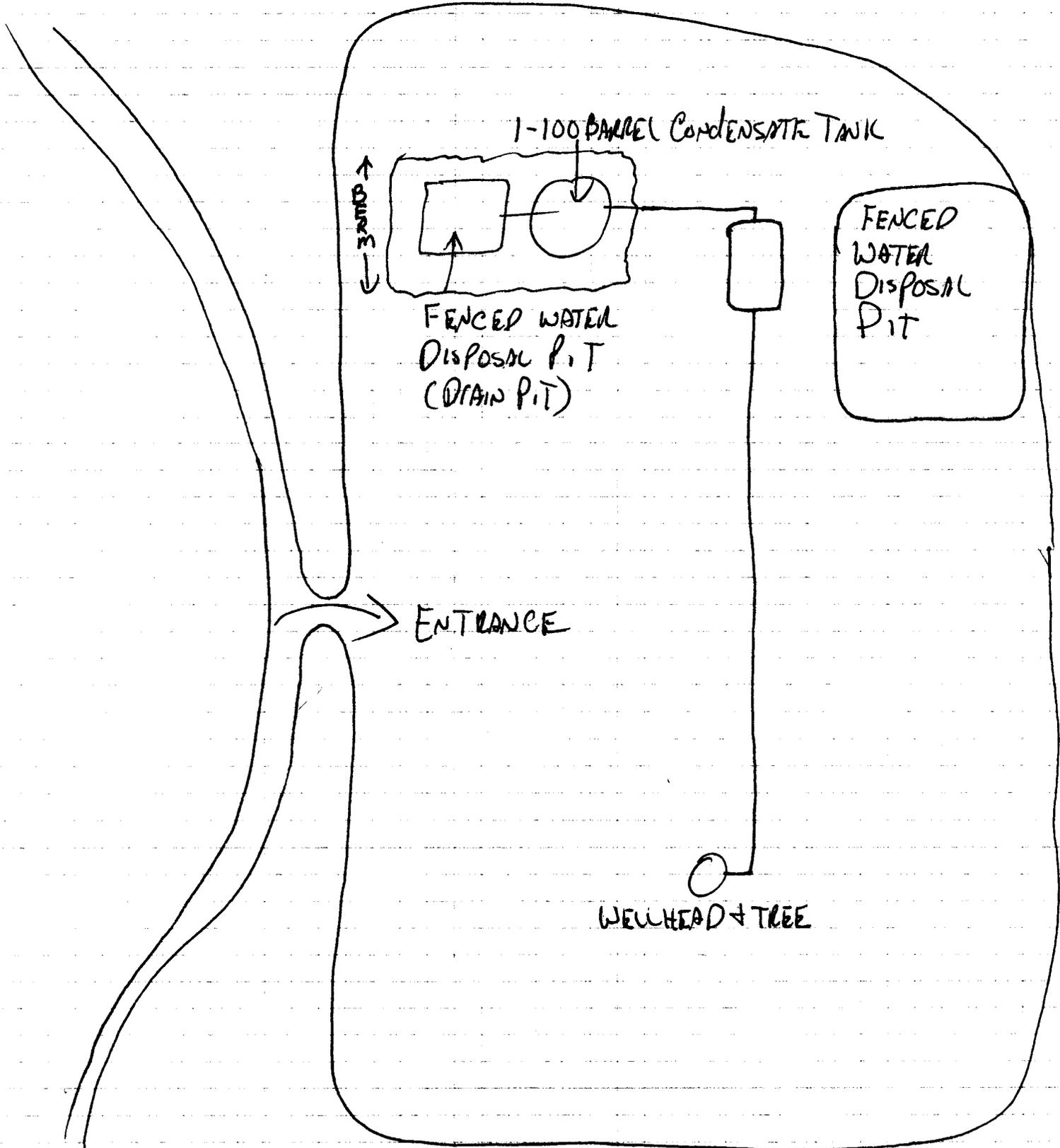
CIGE 178-5-10-22

43-047-32380

NORTH

6/10/93

*[Signature]*



UTAH DIVISION OF OIL, GAS AND MINING  
EQUIPMENT INVENTORY

Operator: COASTAL OIL & GAS COMPANY Lease: State:        Federal: Y  
Indian:        Fee:       

Well Name: CIGE 178-5-10-22 API Number: 43-047-32330  
Section: 5 Township: 10S Range: 22E County: UINTAH Field:  
NATURAL BUTTES  
Well Status: PGW Well Type: Oil:        Gas: YES

PRODUCTION LEASE EQUIPMENT: YES CENTRAL BATTERY:       

YES Well head        Boiler(s)        Compressor        Separator(s)  
YES Dehydrator(s) (1) Shed(s)        Line Heater(s) YES Heated  
Separator  
       VRU        Heater Treater(s)

PUMPS:  
       Triplex        Chemical        Centrifugal

LIFT METHOD:  
       Pumpjack        Hydraulic        Submersible        Flowing

GAS EQUIPMENT:

YES Gas Meters        Purchase Meter YES Sales Meter

TANKS:	NUMBER	SIZE
	<u>      </u> Oil Storage Tank(s)	<u>      </u> BBLs
	<u>      </u> Water Tank(s)	<u>      </u> BBLs
	<u>      </u> Power Water Tank	<u>      </u> BBLs
	<u>YES</u> <u>      </u> Condensate Tank(s)	<u>1-100 BARREL</u> BBLs
	<u>      </u> Propane Tank	<u>      </u> BBLs

REMARKS: HEATED SEPARATOR, DEHYDRATOR & SALES METER IN SINGLE SHED.  
        
        
      

Location central battery: Qtr/Qtr:        Section:        Township:         
Range:       

Inspector: DENNIS INGRAM Date: 6/10/93

P6W

↑  
NORTH

COASTAL OIL & GAS CORP.

U-01195

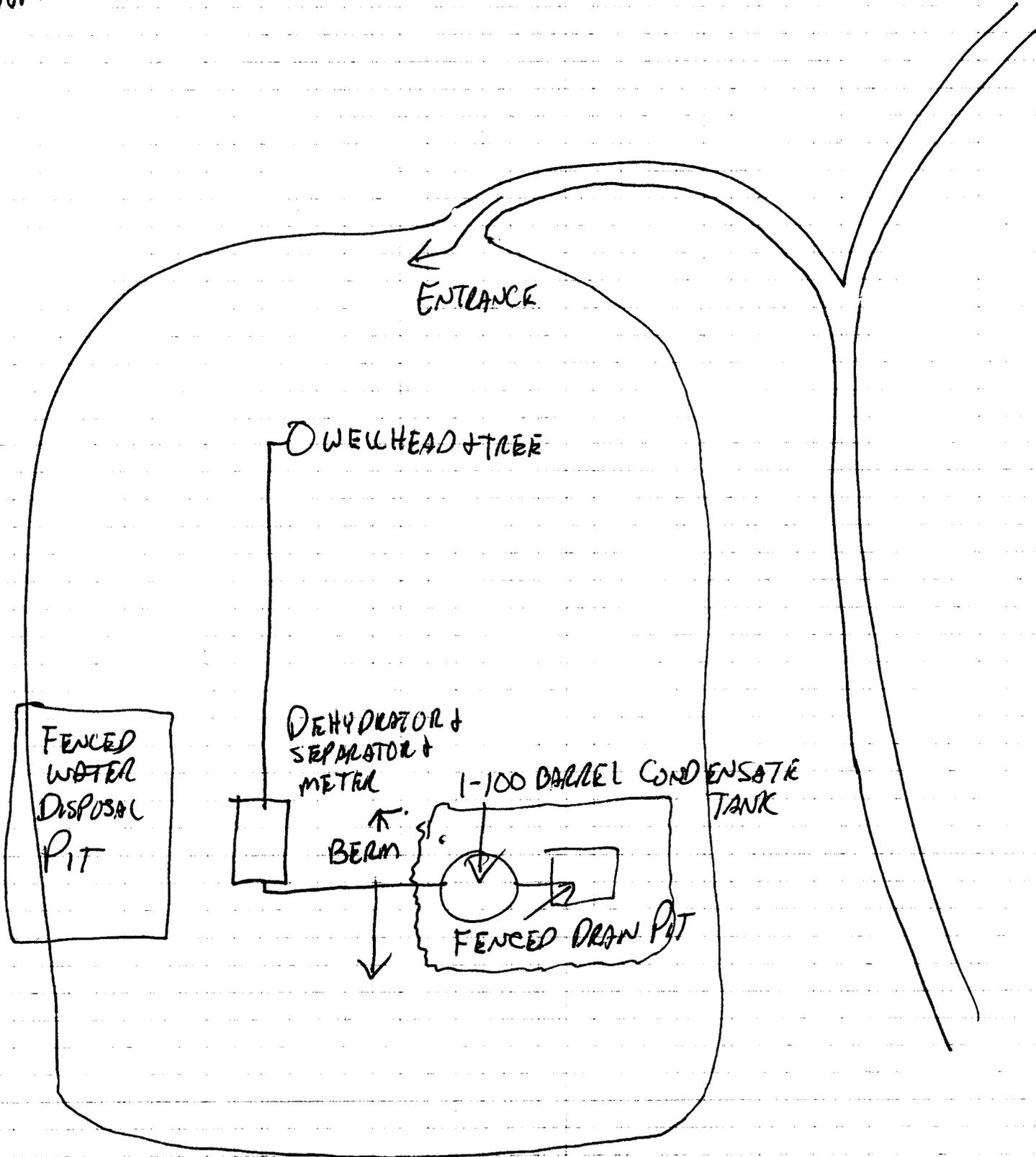
CIGE 179-6-10-22

43-047-32330

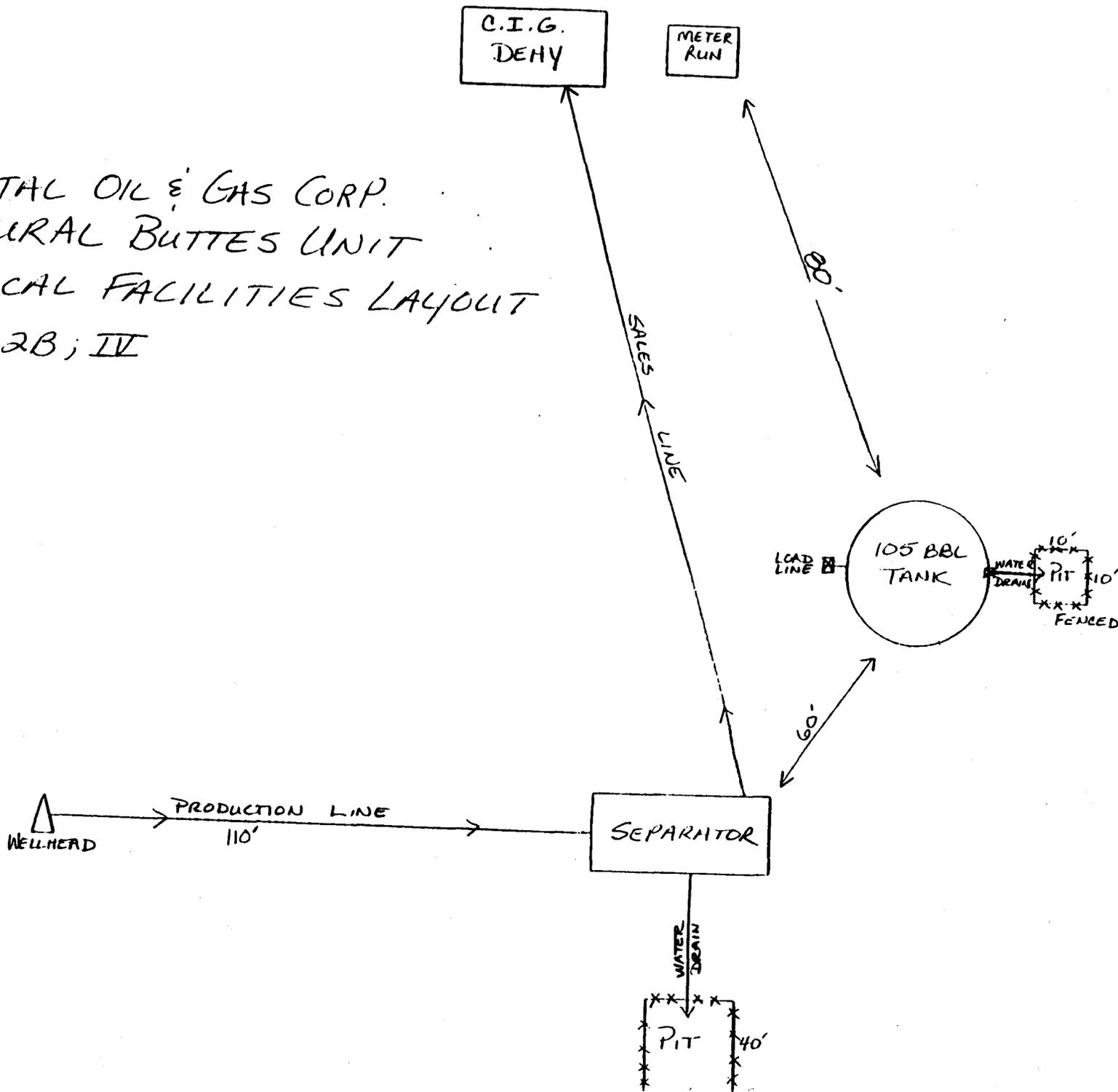
SEC 6 T10S R22E

6/10/93

*Denno Long*



COASTAL OIL & GAS CORP.  
NATURAL BUTTES UNIT  
TYPICAL FACILITIES LAYOUT  
NTL-2B; IV



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.

**RECEIVED**

SUBMIT IN TRIPLICATE

JUL 6 2 1993

Type of well  
 Oil Well  Gas Well  Other

Name of Operator  
 Coastal Oil & Gas Corporation

Address and Telephone No.  
 P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476

Location of well (Foxage, Sec., T., R., M., or Survey Description)  
 926' FWL & 685' FNL (NW/NW)  
 Section 5, T10S-R22E

5. Lease Designation and Serial No.  
 U-01195

6. Indian, Ancestral or Tribe Name  
 N/A

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

8. Well Name and No.  
 CIGE 178-5-10-22

9. API Well No.  
 43-047-32330

10. Field and Pool, or Exploratory Area  
 Natural Buttes

11. County or Parish, State  
 Uintah County, Utah

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 NTL 2B; IV

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

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

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

Coastal Oil & Gas Corporation hereby requests permission to dispose of produced water in unlined pits per NTL 2B, IV; for the subject well:

- 1) This well is completed in the Wasatch formation and produces less than 5 barrels of water per day on a monthly basis.
- 2) Two unlined pits per location are used, in most cases, due to the size and layout of the location: 40' x 40' x 8' and 6' x 6' x 6' deep with berms surrounding them. Each pit is fenced and has cement corner posts, per BLM specifications. (See the attached typical facilities diagram.)
- 3) The average evaporation rate for the area compensated for annual rainfall is 70 inches per year.
- 4) The estimated percolation rate based on the soil characteristics under and adjacent to the pits is 2-6 inches per hour.
- 5) The depth of usable water aquifers in this area is approximately 1500 feet.

Accepted by the State  
of Utah Division of  
Oil, Gas and Mining  
Date: 7-8-93

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

Signed

*William Danna Gray*

Title

Regulatory Analyst

By:

Professional Approval of this Action is Necessary

Date

6/28/93

Approved by

Conditions of approval, if any:

Title

Date

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**

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Use "APPLICATION FOR PERMIT" - for such proposals

5. Lease Designation and Serial No.

U-01195

6. If Indian, Alottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

CIGE 178-5-10-22

9. API Well No.

43-047-32330

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)

926' FWL & 685' FNL

NW/NW Section 5, T10S-R22E

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

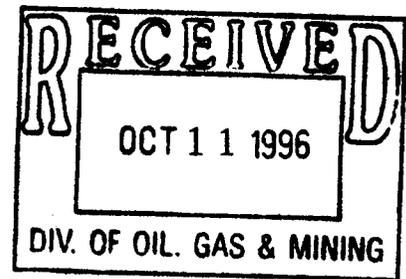
Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other Lower tubing, install PLE

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.)

Please see the attached procedure for work to be performed on the subject well.



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

Signed Bonnie Carson Title Sr. Environmental & Safety Analyst Date 10/08/96  
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.

\*See Instruction on Reverse Side

**CIGE 178-5-10-22**  
**NATURAL BUTTES FIELD**  
**SECTION 5 T10S R22E**  
**WORKOVER PROCEDURES**

**WELL DATA**

LOCATION: 685' FNL 926' FWL SEC. 5 T10S R22E  
ELEVATION: 5074' GR., 5085' KB.  
TD: 5700', PBSD 5663' (11/92)  
CSG: 8 5/8", 24.0#, J-55 @ 270' W/ 150 SX.  
5 1/2", 17.0#, J-55 @ 5697' W/ 735 SX.  
CMT ANNULUS W/ 260 SX.  
TBG: 2 3/8", 4.7#, J-55 @ 4899'  
FORMATION(S): WASATCH 4943' - 5352', 14 HOLES (1992)

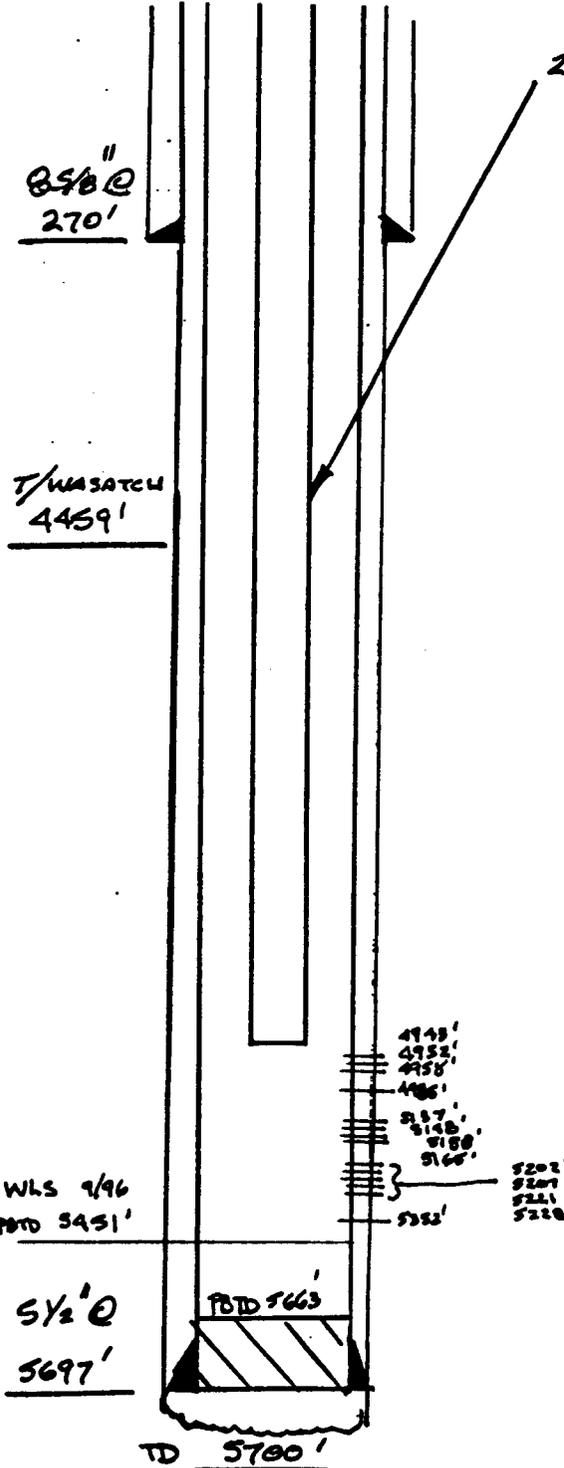
**PROCEDURE**

1. MI & RU pulling unit. Blow down & kill well w/ 3% KCL water. ND WH. NU BOP.
2. RIH w/ 2 3/8" tbg. Tag new PBSD (5451' on WLS 9/96). PU and land tbg @ 5352'.
3. ND BOP. NU WH. RD & MO pulling unit.
4. Install PLE. Return the well to sales.

CIGE 178-5-10-22  
 NATURAL BUTTES FIELD  
 SECTION 5 T10S R22E

WELL DATA

LOCATION: 685' FNL 926' FWL SEC. 5 T10S R22E  
 ELEVATION: 5074' GR., 5085' KB.  
 TD: 5700', PBD 5663' (11/92)  
 CSG: 8 5/8", 24.0#, J-55 @ 270' W/ 150 SX.  
 5 1/2", 17.0#, J-55 @ 5697' W/ 735 SX.  
 CMT ANNULUS W/ 260 SX.  
 TBG: 2 3/8", 4.7#, J-55 @ 4899'  
 FORMATION(S): WASATCH 4943' - 5352', 14 HOLES (1992)



2 3/8" 4.7# J-55 @ 4899'

8 5/8" @ 270'

T/WASATCH 4459'

4943'  
 4952'  
 4958'  
 4965'  
 5137'  
 5148'  
 5158'  
 5165'  
 5202'  
 5207'  
 5213'  
 5221'  
 5228'  
 5352'

(11/92) Wasatch 4943' - 5352' (14 holes)

PERF (1 STAGE) 4 1/4" CSG SUN  
 4943 4952 4958  
 4965  
 5137 5148 5158 5165  
 5202 5207 5213 5221 5228  
 5352

BD w/ 1596 gal (15% NCL + 90 BS) IPF 1000 MCF + 15 BW 2 3/4" OK  
 FTP 425" CP 500"

FRAC'D w/ 388,000 20/40 SAND + 147,356 gal gel + 20-10% CO2 (2 STAGE)

IPF (11/92) 2500 MCF 1 5/8" OK FTP 1200" CP 1000"

WLS 7/96  
 PBD 5451'

5 1/2" @ 5697'

PBD 5663'

TD 5700'



---

**Lower Tubing and Install PLE**

01/23/97 Road rig for CIGE #63D to CIGE #178. MIRU. FTP 400 psi, SICP 350 psi. Blow well. RU pmp & lines. Pump 60 bbls down csg and 15 bbls dn tbg. ND WH & NU BOPs. RU pulling unit. POOH w/tbg equip. LD hanger and blast jts. PU-RIH w/19 jts 2 $\frac{3}{8}$ " tbg, tag fill @ 5460'. LD 4 jts 2 $\frac{3}{8}$ " tbg. RU & RIH w/Broach. Tagged @ 5087'. SN @ 5320'. POOH & RIH w/broach & depthometer, tag @ 5148'. POOH. Drain up pmp & lines. SDFN  
DC: \$4,675 TC: \$4,675

01/24/97 EOT @ 5348', SICP 0 psi, SICP 0 psi. RD Dowell and spot acid on pmp from 4943'-5352' w/500 gals 15% HCl w/additives. Max press 100 psi, Avg 75 psi, max rate 3.0 bbls, avg rate 3.0 bbls, total load 38 bbls. ISIP 100, 5 min on vacuum. RDMO Dowell. RU broach & RIH to SN @ 5316'. RU Hanger & land tbg w/169 jts tbg SN @ 5316', EOT @ 5349' w/NC. RD floor. ND BOPs, NU WH. RU SU. IFL @ 5100'. Rec 40 BW/11 runs. FFL @ 3900'. RD SU. SDFN  
DC: \$5,129 TC: \$9,804

01/25/97 TP 25 psi, CP 125 psi. Made 23 swab runs, rec 100 bbls, no blow after swab runs. IFL 4000', EFL 4300'. SDFN  
DC: \$4,850 TC: \$14,654

01/26/97 TP 25 psi, CP 440 psi. Made 17 swab runs, rec 70 bbls. IFL 3800', EFL 4000'. Gas cut & light blow on last 5 swab runs. Rec 210 bbls.  
DC: \$1,435 TC: \$16,089

01/27/97 SICP 50 psi, SITP 450 psi. IFL 4000'. Made 16 runs, rec 40 BW & gas cut. FFL 4400', Fair blow on last runs. Total rec 250 bbls, initial load to rec 133 bbls. SDFN  
DC: \$1,285 TC: \$17,374

01/28/97 TP 225 psi, CP 450 psi. Made 17 swab runs, rec 90 bbls. IFL 4000', EFL 4300'. Medium blow after last 4 swab runs.  
DC: \$1,430 TC: \$18,804

01/29/97 TP 225 psi, CP 450 psi. Blew right down, tag fluid @ 3800'. Made 15 swab runs, 5 min blow last 7 runs. FFL 4400'. Swabbed 63 bbls today, FCP 425 psi. 373 total bbls rec'd.  
DC: \$1,456 TC: \$20,260

01/30/97 10 TP, 450 CP.

01/31/97 10 TP, 475 CP. **Final Report**

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**

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5. Lease Designation and Serial No.  
U-01195

6. If Indian, Alottee or Tribe Name  
N/A

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

8. Well Name and No.  
CIGE 178-5-10-22

9. API Well No.  
43-047-32330

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)  
926' FWL & 685' FNL  
NW/NW Section 5, T10S-R22E

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

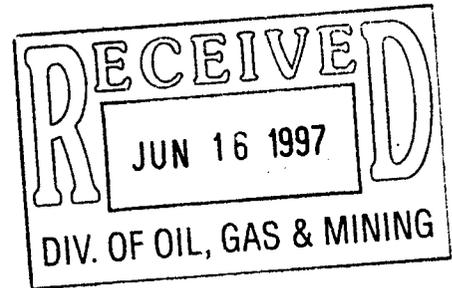
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Lower tubing, install PLE, install pump</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

(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.)

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

In order to de-water the well, a 106D pumping unit was installed.



14. I hereby certify that the foregoing is true and correct  
Signed Bonnie Carson Title Senior Environmental Analyst Date 06/13/97  
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.

*WO tax credit 9/97*

\*See Instruction on Reverse Side

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

CIGE #178-5-10-22  
SECTION 5, T10S-R22E  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
WI: 100% CIGE AFE: 18278  
TD: 5700' (WASATCH) SD: 9/12/92  
CSG: 5-1/2" @ 5697', PERFS: 4943'-5352'  
CWC(M\$): 376.2

Page 2

Lower Tubing and Install PLE

01/23/97	Road rig for CIGE #63D to CIGE #178. MIRU. FTP 400 psi, SICP 350 psi. Blow well. RU pmp & lines. Pump 60 bbls down csg and 15 bbls dn tbg. ND WH & NU BOPs. RU pulling unit. POOH w/tbg equip. LD hanger and blast jts. PU-RIH w/19 jts 2 <sup>3</sup> / <sub>8</sub> " tbg, tag fill @ 5460'. LD 4 jts 2 <sup>3</sup> / <sub>8</sub> " tbg. RU & RIH w/Broach. Tagged @ 5087'. SN @ 5320'. POOH & RIH w/broach & depthometer, tag @ 5148'. POOH. Drain up pmp & lines. SDFN DC: \$4,675	TC: \$4,675
01/24/97	EOT @ 5348', SICP 0 psi, SICP 0 psi. RD Dowell and spot acid on pmp from 4943'-5352' w/500 gals 15% HCl w/additives. Max press 100 psi, Avg 75 psi, max rate 3.0 bbls, avg rate 3.0 bbls, total load 38 bbls. ISIP 100, 5 min on vacuum. RDMO Dowell. RU broach & RIH to SN @ 5316'. RU Hanger & land tbg w/169 jts tbg SN @ 5316', EOT @ 5349' w/NC. RD floor. ND BOPs, NU WH. RU SU. IFL @ 5100'. Rec 40 BW/11 runs. FFL @ 3900'. RD SU. SDFN DC: \$5,129	TC: \$9,804
01/25/97	TP 25 psi, CP 125 psi. Made 23 swab runs, rec 100 bbls, no blow after swab runs. IFL 4000', EFL 4300'. SDFN DC: \$4,850	TC: \$14,654
01/26/97	TP 25 psi, CP 440 psi. Made 17 swab runs, rec 70 bbls. IFL 3800', EFL 4000'. Gas cut & light blow on last 5 swab runs. Rec 210 bbls. DC: \$1,435	TC: \$16,089
01/27/97	SICP 50 psi, SITP 450 psi. IFL 4000'. Made 16 runs, rec 40 BW & gas cut. FFL 4400', Fair blow on last runs. Total rec 250 bbls, initial load to rec 133 bbls. SDFN DC: \$1,285	TC: \$17,374
01/28/97	TP 225 psi, CP 450 psi. Made 17 swab runs, rec 90 bbls. IFL 4000', EFL 4300'. Medium blow after last 4 swab runs. DC: \$1,430	TC: \$18,804

01/29/97 TP 225 psi, CP 450 psi. Blew right down, tag fluid @ 3800'. Made 15 swab runs, 5 min blow last 7 runs. FFL 4400'. Swabbed 63 bbls today, FCP 425 psi. 373 total bbls rec'd.  
DC: \$1,456 TC: \$20,260

01/30/97 10 TP, 450 CP.

01/31/97 10 TP, 475 CP. **Final Report**

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05/09/97 **Blow well down & run rods.** Road rig from CIGE #8 to CIGE #178. MIRU. SICP 850 psi, SITP 100 psi. Blow well dn. ND WH & NU BOPs w/hydril & SH. PU & LD hanger. PU 5 jts tbg. Tag @ 5480'. LD 4 jts tbg. POOH w/tbg & strap, no corr. PU NC & SN & RIH tbg. PU tbg anchor, RIH w/tbg. PU 1 jt & set anchor w/8000# tension @ 4832'. PU & hanger & land tbg w/ 171 jts 2 $\frac{3}{8}$ " tbg, EOT @ 5406' SN @ 5374'. ND BOPs w/hydril & SH & NU WH. SDFN @ 4PM & set pmp jack.  
DC: \$4,415 TC: \$4,415

05/11/97 **Well on production.** PU 2 x 1 $\frac{1}{4}$  x 16 RHAC pmp & PU RIH w/135  $\frac{3}{4}$ " rods & 80  $\frac{7}{8}$ " rods & 1-4' sub. PU polish rod & space well out hang off. Build FL & hook up. Hang horse head & hook up to polish rod start unit & put on production @ 2:30 pm. Flowing 25 MCF, 28 BW, 155 CP, on 40/64" chk.  
DC: \$5,912 TC: \$10,327

05/12/97 Flowing 144 MCF, 43 BW, 175 CP, on 40/64" chk.

05/13/97 Flowing 165 MCF, 33 BW, 145 CP, on 40/64" chk.

05/14/97 Flowing 173 MCF, 37 BW, 168 CP, on 40/64" chk.

05/15/97 Flowing 182 MCF, 33 BW, 155 CP, on 40/64" chk.

05/16/97 Flowing 185 MCF, 12 BW, 160 CP, on 40/64" chk.

05/17/97 Flowing 188 MCF, 35 BW, 180 CP, on 40/64" chk.

05/18/97 Flowing 192 MCF, 38 BW, 150 CP, on 40/64" chk.

05/19/97 Flowing 194 MCF, 40 BW, 170 CP, on 40/64" chk.

05/20/97 Flowing 184 MCF, 33 BW, 190 CP, on 40/64" chk.

05/21/97 Flowing 154 MCF, 7 BW, 230 CP, on 40/64" chk.

05/22/97 Flowing 167 MCF, 33 BW, 268 CP, on 40/64" chk.

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05/23/97      Flowing 188 MCF, 33 BW, 200 CP, on 40/64" chk.

05/24/97      Flowing 190 MCF, 36 BW, 165 CP, on 40/64" chk.

05/25/97      Flowing 188 MCF, 32 BW, 155 CP, on 40/64" chk.

05/26/97      Flowing 189 MCF, 32 BW, 150 CP.

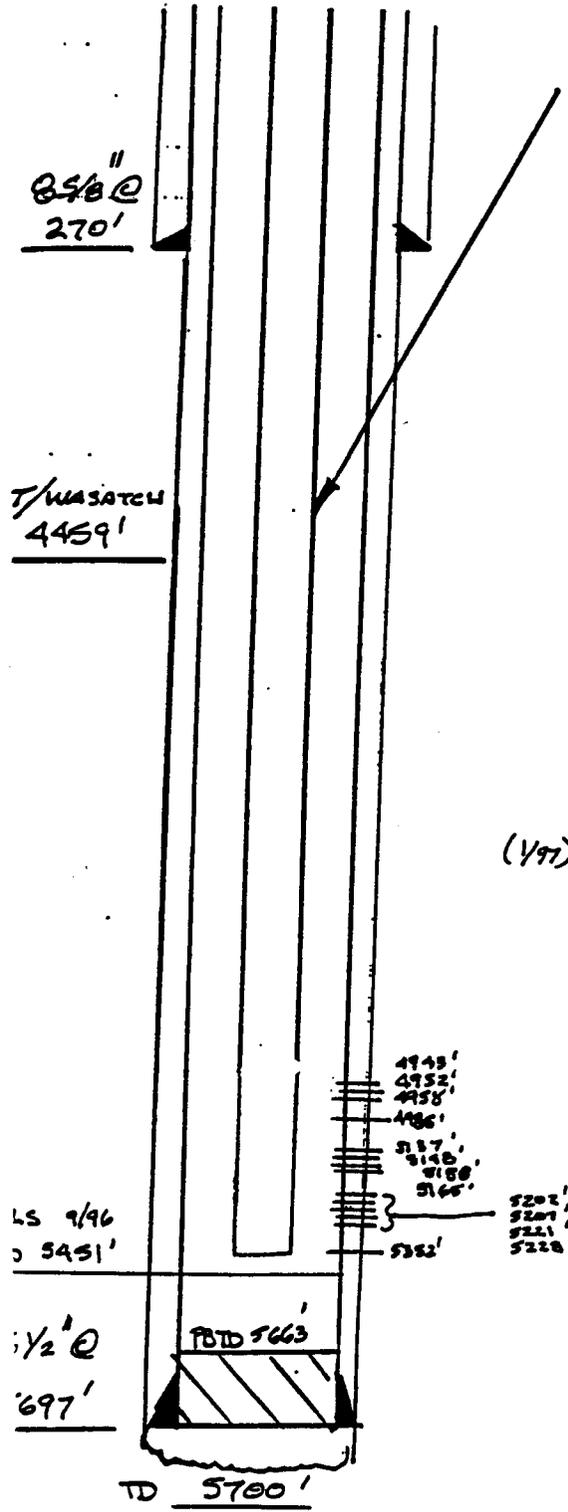
05/27/97      Flowing 190 MCF, 31 BW, 170 CP, on 40/64" chk.

05/28/97      Flowing 196 MCF, 33 BW, 155 CP, on 40/64" chk. **Final Report**

CIGE 178-5-10-22  
 NATURAL BUTTES FIELD  
 SECTION 5 T10S R22E

WELL DATA

LOCATION: 685' FNL 926' FWL SEC. 5 T10S R22E  
 ELEVATION: 5074' GR., 5085' KB.  
 TD: 5700', PBD 5663' (11/92)  
 CSG: 8 5/8", 24.0#, J-55 @ 270' W/ 150 SX.  
 5 1/2", 17.0#, J-55 @ 5697' W/ 735 SX.  
 CMT ANNULUS W/ 260 SX.  
 TBG: 2 3/8", 4.7#, J-55 @ 5406' (1997)  
 FORMATION(S): WASATCH 4943' - 5352', 14 HOLES (1992)



2 3/8" 4.7# J-55 @ 5406'

Price Rate 233 MCF + 48W PER DAY  
 (1/97) TAGGED SCALE in tbg @ 5087'. Acidize 500 gals 15% HCL. Loss Tbg. EOT @ 5349'  
 SWB WATER. 270 BW OVER LOAD. FFL 4100'.

(11/92) WASATCH 4943' - 5352' (14 HOLES)  
 PERM (1 STAGE) 4 1/4" CSG SUR  
 4943 4952 4958  
 4985  
 5137 5148 5158 5165  
 5202 5207 5213 5221 5228  
 5352

BD w/ 1596 gal (15% HCL + 40 BS) 1PF 1000 MCF + 15 BW 3 1/2" OK  
 FTP 425" CP 500"

FRAC'D w/ 388,000# 20/40 SAND + 47,356 gal gel + 20-10% CO<sub>2</sub>  
 (2 STAGE)

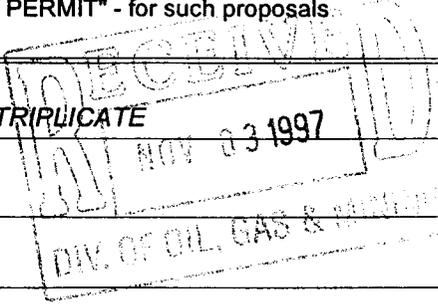
1PF (11/92) 2500 MCF 1 5/8" OK FTP 1200" CP 1000"

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

43-047-32330

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 TRIPPLICATE

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	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 type="checkbox"/> Other
	<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 checked="" type="checkbox"/> Dispose Water

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all 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 10/28/97

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:  
 Must meet all 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.

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	43-047-32812	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	SENE	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	SENE	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	NESE	10	10	22	Natural Buttes	Uintah
NBU #216	43-047-32487	U-010950-A	Ute Tribe Surface	1875' FSL & 1665' FWL	NESE	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	NESE	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	SENE	22	9	21	Natural Buttes	Uintah
NBU #257	43-047-32790	ST U-01194	N/A	1756' FNL & 2150' FWL	SENE	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	SENE	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	NESE	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**

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Use "APPLICATION FOR PERMIT" - for such proposals

5. Lease Designation and Serial No.

U-01195

6. If Indian, Alottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

CIGE 178-5-10-22

9. API Well No.

43-047-32330

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)

926' FWL & 685' FNL  
NW/NW Section 5, T10S-R22E

**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

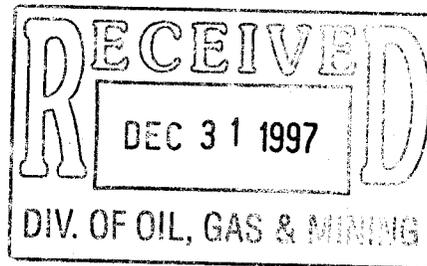
- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other Repair casing leak

- 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.)\*

Please see the attached procedure for work to be performed on the subject well.



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

Signed Sheila Bremer Title Environmental & Safety Analyst Date 12/29/97

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

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**CIGE #178-5-10-22**  
**NATURAL BUTTES FIELD**  
**SECTION 5 T10S R22E**  
**WORKOVER PROCEDURES**

**WELL DATA**

LOCATION: 685' FNL 926' FWL SEC. 5 T10S R22E  
ELEVATION: 5074' GR., 5085' KB.  
TD: 5700'; PBDT 5663' (1992); 5480' (1997)  
CSG.: 8-5/8", 24.0#, J-55 @ 270' w/ 150 SX.  
5-1/2", 17.0#, J-55 @ 5697' w/ 735 SX.  
CMT ANNULUS w/ 260 SX.  
TBG: 2 3/8", 4.7#, J-55 @ 5406'  
FORMATION(S): WASATCH 4943' - 5352', 14 HOLES (1992)  
RBP @ 4850' w/ 25 sx. sd

**PROCEDURES**

1. MI & RU. ND WH. NU BOP. Note: RBP set @ 4850'. Csg inspection log run without leak identified.

2. PU & RIH w/ 2-3/8" tbg & tension pkr to 3800'. Drop standing valve & test tubing to 2500 psi. Retrieve standing valve. Set pkr & test csg. Continue to test w/ pkr till csg. leak(s) are found. Suspected leak @ 0'-1600'. Establish injection pressure & rate w/ KCL water. Call Denver with interval and injection information. Squeeze procedure ~~may be modified.~~ *will be designed accordingly.*  
POOH & LD pkr.

3. TIH w/ 5-1/2" CICR & set 50' above the leak (assuming a small interval w/ leak). Sting into retainer. RU service company. Pump ~~40 bbls~~ KCL water ahead of cement & squeeze ~~45~~ cement w/ 1% CaCl leaving a plug of cement inside csg. at the leak. Unsting from retainer & PU 90' above retainer and reverse circulate 2 tubing volumes to clear tubing of any cement. POOH & WOC 48 hrs.

**CEMENT: Class "G" with 1% CaCL (S1), 0.1% dispersant(D65) & 0.7% fluid loss control (B14) - 1.15 ft3/sk yield, 15.8 ppg**

*\* Squeeze cont. volumes to flush volumes will be determined after depth of interval and injection rate is established*  
4. RIH w/ tbg & 4-3/4" bit assembly. Drill out CICR & cement down below leak. PT csg. to 2000 psi. Perforate & re-squeeze if necessary. If PT OK, clean out to CIBP @ 4850'.

6. Drill out CIBP @ 4850' and equalize pressure before cleaning out to PBDT @ 5480'. POOH w/ tbg & bit. LD bit assembly.

7. PU & RIH w/ NC, SN, tbg, tbg anchor & tbg to surface. Set TA in tension @ 4832'. Land tbg w/ 171 jts 2-3/8" tbg, EOT @5406', SN @ 5374'. PU & RIH w/ 1-1/4" RHAC pump & rods, seat pump @ 5374'. Fill tbg w/ 8 bbls 2% KCL water. Test to 500 psi. ND BOP. NU WH. RD & MO pulling unit.
8. Hang horse head & hook up to polish rod. Start pump unit @ lowest SPM. Return well to production.
9. Run dynamometer surveys periodically until production characteristics are stable. Use dynamometer results to determine pumping loads.

UNITED STATES  
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5. Lease Designation and Serial No.  
U-01195

6. If Indian, Alottee or Tribe Name  
N/A

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

8. Well Name and No.  
CIGE 178-5-10-22

9. API Well No.  
43-047-32330

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)  
926' FWL & 685' FNL  
NW/NW Section 5, T10S-R22E

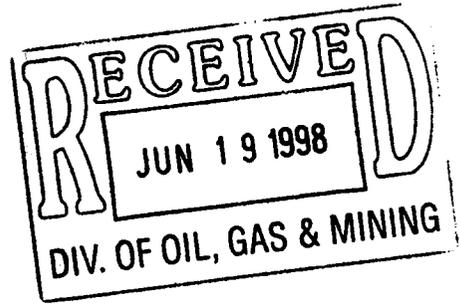
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input 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>T&amp;A</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

(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.)\*

Please place the referenced well on T&A status while continuing economic evaluation is made.



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

Signed Bonnie Carson Title Senior Environmental Analyst Date 06/17/98  
Bonnie Carson

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

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\*See Instruction on Reverse Side

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U-01195

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7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

CIGE 178-5-10-22

9. API Well No.

43-047-32330

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) 573-4455

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

926' FWL & 685' FNL

NW/NW Section 5, T10S-R22E

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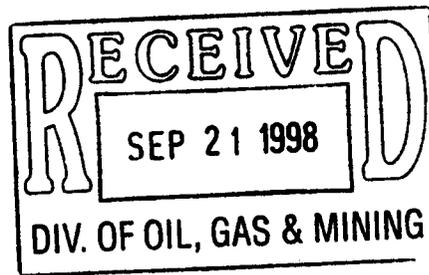
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 Recompletion  
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Please see the attached chronological well history for work performed on the subject well.



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

Signed

*Sheila Bremer*  
Sheila Bremer

Title

Environmental & Safety Analyst

Date

09/18/98

(This space for Federal or State office use)

APPROVED BY

Title

Date

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CIGE #178-5-10-22  
SECTION 5, T10S-R22E  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
WI: 100% CIGE AFE: 18278  
TD: 5700' (WASATCH) SD: 9/12/92  
CSG: 5-1/2" @ 5697', PERFS: 4943'-5352'  
CWC(M\$): 376.2

05/09/97 **Install pumping unit. Blow well down & run rods.** Road rig from CIGE #8 to CIGE #178. MIRU. SICP 850 psi, SITP 100 psi. Blow well dn. ND WH & NU BOPs w/hydril & SH. PU & LD hanger. PU 5 jts tbg. Tag @ 5480'. LD 4 jts tbg. POOH w/tbg & strap, no corr. PU NC & SN & RIH tbg. PU tbg anchor, RIH w/tbg. PU 1 jt & set anchor w/8000# tension @ 4832'. PU & hanger & land tbg w/ 171 jts 2 3/8" tbg, EOT @ 5406' SN @ 5374'. ND BOPs w/hydril & SH & NU WH. SDFN @ 4PM & set pmp jack.  
DC: \$4,415 TC: \$4,415

05/11/97 **Well on production.** PU 2 x 1 1/4 x 16 RHAC pmp & PU RIH w/135 3/4" rods & 80 7/8" rods & 1-4' sub. PU polish rod & space well out hang off. Build FL & hook up. Hang horse head & hook up to polish rod start unit & put on production @ 2:30 pm. Flowing 25 MCF, 28 BW, 155 CP, on 40/64" chk.  
DC: \$5,912 TC: \$10,327

05/12/97 Flowing 144 MCF, 43 BW, 175 CP, on 40/64" chk.

05/13/97 Flowing 165 MCF, 33 BW, 145 CP, on 40/64" chk.

05/14/97 Flowing 173 MCF, 37 BW, 168 CP, on 40/64" chk.

05/15/97 Flowing 182 MCF, 33 BW, 155 CP, on 40/64" chk.

05/16/97 Flowing 185 MCF, 12 BW, 160 CP, on 40/64" chk.

05/17/97 Flowing 188 MCF, 35 BW, 180 CP, on 40/64" chk.

05/18/97 Flowing 192 MCF, 38 BW, 150 CP, on 40/64" chk.

05/19/97 Flowing 194 MCF, 40 BW, 170 CP, on 40/64" chk.

05/20/97 Flowing 184 MCF, 33 BW, 190 CP, on 40/64" chk.

05/21/97 Flowing 154 MCF, 7 BW, 230 CP, on 40/64" chk.

05/22/97 Flowing 167 MCF, 33 BW, 268 CP, on 40/64" chk.

05/23/97 Flowing 188 MCF, 33 BW, 200 CP, on 40/64" chk.

05/24/97 Flowing 190 MCF, 36 BW, 165 CP, on 40/64" chk.

05/25/97 Flowing 188 MCF, 32 BW, 155 CP, on 40/64" chk.

05/26/97 Flowing 189 MCF, 32 BW, 150 CP.

05/27/97 Flowing 190 MCF, 31 BW, 170 CP, on 40/64" chk.

05/28/97 Flowing 196 MCF, 33 BW, 155 CP, on 40/64" chk. **Final Report**

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8. Well Name and No.  
CIGE 178-5-10-22  
9. API Well No.  
43-047-32330  
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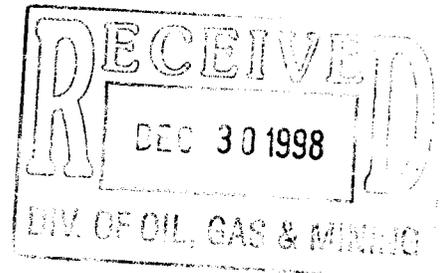
Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

TYPE OF ACTION

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other **Install Pumping Unit**  
 Change of Plans  
 New Construction  
 Non-Routine Fracturing  
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14. I hereby certify that the foregoing is true and correct

Signed

Sheila Bremer

Title

Environmental & Safety Analyst

Date

09/18/98

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11/3/92 Flwg 2.5 MMCFD CO<sub>2</sub>, FTP 1400 psi, CP 1450 psi, 18/64" chk, 20 BWPD.  
 11/4/92 Flwg 2.1 MMCFD CO<sub>2</sub>, FTP 1400 psi, CP 2100 psi, 18/64" chk, 3-5 BWPD.  
 11/5/92 Flwg 2.0 MMCFD CO<sub>2</sub>, FTP 1450 psi, CP 1800 psi, 18/64" chk, 15 BWPD.  
 11/6/92 Flwg 2.5 MMCFD CO<sub>2</sub> & gas, FTP 1350 psi, CP 1350 psi, 18/64" chk, 3 BWPD.  
 11/7/92 Flwg 2.5 MMCFD gas, FTP 1250 psi, CP 1550 psi, 18/64" chk, 3-5 BWPD.  
 11/8/92 SI, WOPLC. Flwd 2.5 MMCFD dry gas, FTP 1200 psi, CP 1300 psi, 18/64" chk. SI @ 6:30 a.m., 11/8/92. Drop from report.

---

**Lower Tubing and Install PLE**

01/23/97 Road rig for CIGE #63D to CIGE #178. MIRU. FTP 400 psi, SICP 350 psi. Blow well. RU pmp & lines. Pump 60 bbls down csg and 15 bbls dn tbg. ND WH & NU BOPs. RU pulling unit. POOH w/tbg equip. LD hanger and blast jts. PU-RIH w/19 jts 2 $\frac{1}{2}$ " tbg, tag fill @ 5460'. LD 4 jts 2 $\frac{1}{2}$ " tbg. RU & RIH w/Broach. Tagged @ 5087'. SN @ 5320'. POOH & RIH w/broach & depthometer, tag @ 5148'. POOH. Drain up pmp & lines. SDFN  
 DC: \$4,675 TC: \$4,675

01/24/97 EOT @ 5348', SICP 0 psi, SICP 0 psi. RD Dowell and spot acid on pmp from 4943'-5352' w/500 gals 15% HCl w/additives. Max press 100 psi, Avg 75 psi, max rate 3.0 bbls, avg rate 3.0 bbls, total load 38 bbls. ISIP 100, 5 min on vacuum. RDMO Dowell. RU broach & RIH to SN @ 5316'. RU Hanger & land tbg w/169 jts tbg SN @ 5316', EOT @ 5349' w/NC. RD floor. ND BOPs, NU WH. RU SU. IFL @ 5100'. Rec 40 BW/11 runs. FFL @ 3900'. RD SU. SDFN  
 DC: \$5,129 TC: \$9,804

01/25/97 TP 25 psi, CP 125 psi. Made 23 swab runs, rec 100 bbls, no blow after swab runs. IFL 4000', EFL 4300'. SDFN  
 DC: \$4,850 TC: \$14,654

01/26/97 TP 25 psi, CP 440 psi. Made 17 swab runs, rec 70 bbls. IFL 3800', EFL 4000'. Gas cut & light blow on last 5 swab runs. Rec 210 bbls.  
 DC: \$1,435 TC: \$16,089

01/27/97 SICP 50 psi, SITP 450 psi. IFL 4000'. Made 16 runs, rec 40 BW & gas cut. FFL 4400', Fair blow on last runs. Total rec 250 bbls, initial load to rec 133 bbls. SDFN  
 DC: \$1,285 TC: \$17,374

01/28/97 TP 225 psi, CP 450 psi. Made 17 swab runs, rec 90 bbls. IFL 4000', EFL 4300'. Medium blow after last 4 swab runs.  
 DC: \$1,430 TC: \$18,804

01/29/97 TP 225 psi, CP 450 psi. Blew right down, tag fluid @ 3800'. Made 15 swab runs, 5 min blow last 7 runs. FFL 4400'. Swabbed 63 bbls today, FCP 425 psi. 373 total bbls rec'd.  
 DC: \$1,456 TC: \$20,260

01/30/97 10 TP, 450 CP.

01/31/97 10 TP, 475 CP. **Final Report**

---

05/09/97 **Install pumping unit. Blow well down & run rods.** Road rig from CIGE #8 to CIGE #178. MIRU. SICP 850 psi, SITP 100 psi. Blow well dn. ND WH & NU BOPs w/hydril & SH. PU & LD hanger. PU 5 jts tbg. Tag @ 5480'. LD 4 jts tbg. POOH w/tbg & strap, no corr. PU NC & SN & RIH tbg. PU tbg anchor, RIH w/tbg. PU 1 jt & set anchor w/8000# tension

X

@ 4832'. PU & hanger & land tbg w/ 171 jts 2p" tbg, EOT @ 5406' SN @ 5374'. ND BOPs w/hydril & SH & NU WH. SDFN @ 4PM & set pmp jack.  
DC: \$4,415 TC: \$4,415

05/11/97 **Well on production.** PU 2 x 1¼ x 16 RHAC pmp & PU RIH w/135 ¾" rods & 80 p" rods & 1-4' sub. PU polish rod & space well out hang off. Build FL & hook up. Hang horse head & hook up to polish rod start unit & put on production @ 2:30 pm. Flowing 25 MCF, 28 BW, 155 CP, on 40/64" chk.  
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05/12/97 Flowing 144 MCF, 43 BW, 175 CP, on 40/64" chk.

05/13/97 Flowing 165 MCF, 33 BW, 145 CP, on 40/64" chk.

05/14/97 Flowing 173 MCF, 37 BW, 168 CP, on 40/64" chk.

05/15/97 Flowing 182 MCF, 33 BW, 155 CP, on 40/64" chk.

05/16/97 Flowing 185 MCF, 12 BW, 160 CP, on 40/64" chk.

05/17/97 Flowing 188 MCF, 35 BW, 180 CP, on 40/64" chk.

05/18/97 Flowing 192 MCF, 38 BW, 150 CP, on 40/64" chk.

05/19/97 Flowing 194 MCF, 40 BW, 170 CP, on 40/64" chk.

05/20/97 Flowing 184 MCF, 33 BW, 190 CP, on 40/64" chk.

05/21/97 Flowing 154 MCF, 7 BW, 230 CP, on 40/64" chk.

05/22/97 Flowing 167 MCF, 33 BW, 268 CP, on 40/64" chk.

05/23/97 Flowing 188 MCF, 33 BW, 200 CP, on 40/64" chk.

05/24/97 Flowing 190 MCF, 36 BW, 165 CP, on 40/64" chk.

05/25/97 Flowing 188 MCF, 32 BW, 155 CP, on 40/64" chk.

05/26/97 Flowing 189 MCF, 32 BW, 150 CP.

05/27/97 Flowing 190 MCF, 31 BW, 170 CP, on 40/64" chk.

05/28/97 Flowing 196 MCF, 33 BW, 155 CP, on 40/64" chk. **Final Report**

**LOE**

07/30/97 **POOH w/ 2p" tbg.** MIRU, unseat 1¼" pmp @ 5372'. POOH w/ Rdst 1¼ pmp. Plunger rods was worn bad & plunger was stuck in pmp. RIH w/ 1¼" pmp & rods sent @ 5372', change out polish rods. Fill tbg w/ 16 bbls 2% KCl. Pmpd 15 bbls @ 2 BPM, tbg leak. POOH w/ rods & 1¼" pmp. Bled off CP 300 psi, ND WH. NU BOP. Pls A/C @ 4832'. POOH w/ 2p" tbg, EOT @ 5096'. SDFN  
DC: \$4,212 TC: \$4,212

07/31/97 **On production, Start pmp unit MO.** SICP 50 psi, SITP 50 psi. Bled off. POOH w/ 2p" tbg & 5½" A/C. RU hydrostatic test to 5000#. Found split @ 5319' & 3 more bad jts of 2p" tbg. Set 5½" A/C @ 4832', SN @ 5374'. ND BOP, NU WH (8000# ten on A/C). RIH w/ 1¼" pmp & rods, seat pmp @ 5374'. Fill tbg w/ 8 bbls 2% KCl. Test to 500 psi - OK. Hang on RD Rig & equip, didn't start pmp unit. Comps was down. SDFN 39 BLLTR.  
DC: \$4,760 TC: \$8,972

08/01/97 Flowing 0 MCF, 70 BW, --# TP, 0# CP, on 30/64" chk.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

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

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>U-01195</b>
2. Name of Operator <b>Coastal Oil &amp; Gas Corporation</b>		6. If Indian, Allottee or Tribe Name <b>N/A</b>
3a. Address <b>P.O. Box 1148, Vernal UT 84078</b>	3b. Phone No. (include area code) <b>(435) 781-7023</b>	7. If Unit or CA/Agreement, Name and/or No. <b>Natural Buttes</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>NW/NW Sec. 5, T10S, R22E 685' FNL &amp; 926' FWL</b>		8. Well Name and No. <b>Cige #178</b>
		9. API Well No. <b>43-047-32330</b>
		10. Field and Pool, or Exploratory Area <b>Natural Buttes</b>
		11. County or Parish, State <b>Utah UT</b>

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

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

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

Coastal Oil & Gas Corporation requests authorization to P&A the subject well. This well has been shut-in and is not economically viable to produce.

Please refer to the attached P&A Procedure and Wellbore Diagram.

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

Date: Dec 12, 2000

By: R.A. M<sup>g</sup> Kee

**Federal Approval Of This  
Action Is Necessary**

RECEIVED  
DEC 12 2000  
DIVISION OF  
OIL, GAS AND MINING

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

**Cheryl Cameron**

Title

**Sr. Regulatory Analyst**

Date **9/25/00**

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

Approved by

Title

Date

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

Office

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

## Plug & Abandon Procedure

**CIGE #178**  
Section 5 - T10S - 22E  
Uintah County, UT  
September 22, 2000

ELEVATION: 5074.0' GL 5085.0' KB  
TOTAL DEPTH: 5700' PBTD: 5663'  
CASING: 5 1/2", 17#, N-80 LT&C @ 5700'  
TUBING: 152 JTS 2-3/8" EUE N-80, TAC, 18 jt. 2-3/8" EUE N-80  
EXISTING PERFORATIONS: Wasatch:  
4943', 4952', 4958', 4985', 5137', 5148', 5158', 5165', 5202', 5207',  
5213', 5221', 5228', 5352'

### TUBULAR PROPERTIES:

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55	7700	8100	1.901"	0.00387	0.1624
8 5/8" 24# J-55	2,950	1,370	7.972"	0.0636	2.6749
5 1/2" 17# J-55	5,320	4,910	4.767"	0.0155	0.6528
5 1/2" x 8 5/8" annulus	---	---	---	0.0343	1.4407

### PROCEDURE

1. Notify BLM/State 24 hours before MI&RU to P&A.
2. MI & RU work-over unit. ND well head & NUBOP. POOH w/ 2-3/8" tubing.
3. RU wire line unit & set CIBP @ 4900'.
4. RIH w/ tubing. Spot 15 sx class G cement on top of CIBP, PU to 4800' and spot 9.0 ppg fluid from 4800' to 370'. POOH w/ tubing. TOC @ 4775'.

PLUG & ABANDON PROCEDURE  
CIGE #178  
Section 5 - T10S - 22E  
Uintah County, UT  
September 22, 2000

5. Perforate 5-1/2" casing @ 370'. Establish circulation down 5-1/2" casing & up 5-1/2" x 8-5/8" annulus.
6. Pump 100 sx class G cement down 5-1/2" casing and displace to 170'.
7. RIH w/ tubing to 50' and circulate cement to surface.
8. Cut off casing 3' below GL. Run 1" tubing down 8-5/8" x 5-1/2" annulus & circulate cement to surface.
9. Weld on dry hole marker, clean up and rehab location.

Note: mix cement @ 15.8 ppg.

KAM

Approvals: Prod. Manager A.C. Pugh Tech Mgr. \_\_\_\_\_ VP \_\_\_\_\_  
7/22/00

RECEIVED  
OCT 11 2000  
D. J. HARRIS  
OIL, GAS AND MINING

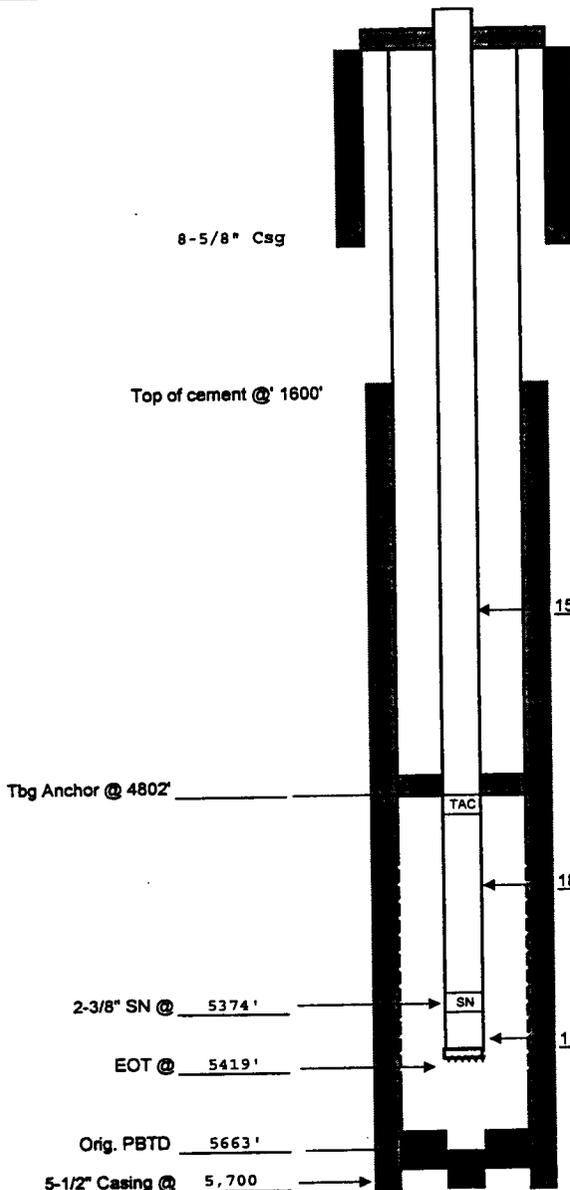
# Before P&A Wellbore Diagram

DATE: 09/22/00  
 FOREMAN: \_\_\_\_\_  
 KB: 11.00

WELL: CIGE 178  
 FIELD: Natural Buttes  
 RIG No: \_\_\_\_\_

COUNT Uintah  
 STATE: Utah

SEC: 5  
 TWS: 10  
 RGE: 22



**CASING RECORD**

SIZE	WT	GRADE	THD	FROM	TO
8-5/8"	24#	J-55	8 rd	0	270
5-1/2"	17#	J-55	8 rd	0	5697

**TUBING RECORD**

SIZE	WT	GRADE	THD	FROM	TO
2-3/8"	4.7#	J-55	8 rd	0	5,419

JTS	PSN	TAC	MUD ANCHOR
170	5374'	4,802	Size _____ Length _____

**SUCKER ROD RECORD**

NO	SIZE	GRADE	CPLG

152 its 2-3/8" tbq  
 GAS ANCHOR                      Size \_\_\_\_\_ Length \_\_\_\_\_

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

**PUMP DATA:**

MANUFR	SIZE	DESCR

SPM \_\_\_\_\_ SL \_\_\_\_\_

**COMMENTS/PERFORATIONS:**

Perfs: 4943', 4952', 4958', 4985', 5137', 5148', 5158', 5165', 5202', 5207', 5213', 5221', 5228', 5352'

COILED TUBING  
 COMPANY



API Well No: 43-047-32330-00-00 Permit No:  
 Company Name: COASTAL OIL & GAS CORP  
 Location: Sec: 5 T: 10S R: 22E Spot: NWNW  
 Coordinates: X: 4426838 Y: 630708  
 Field Name: NATURAL BUTTES  
 County Name: Uintah

Well Name/No: CIGE 178-5-10-22

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)
HOL1	270	12.25		
SURF	270	8.625	24	270
HOL2	5697	7.875		
PROD	5697	5.5	17	5697
TI	4899	2.375		

26.10  
 + 17.33  
 = 43.43

100' 5 1/2 x 7 7/8 ANNULOS = 1733  
 100' 5 1/2 x 8 5/8 ANNULOS = 1926  
 200' IN 5 1/2 = 1305

17.33 FT  
 REMAINING CALL TO STA (291)  
 26.10 FT  
 17.33 FT

7 7/8" HOLE x 5.5"

w/NO WASHOUT + 5803.1' cent CALL TO STA

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	5697		LT	250
PROD	5697		PC	485
SURF	270	0	G	150

Also 205 SA G  
 Bullman Squeeze on 8 5/8 x 5 1/2 ANNULOS

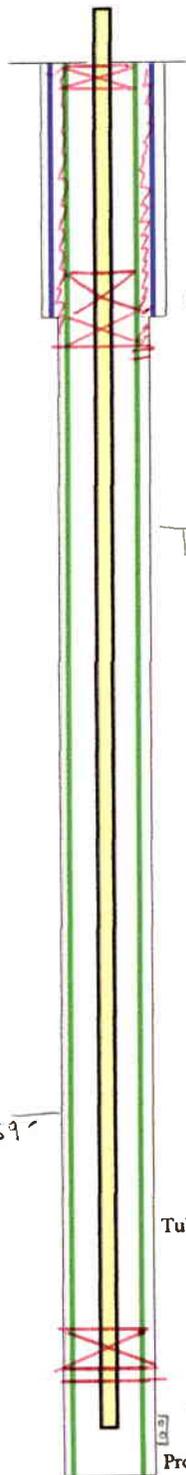
Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
4943	5352			

Formation Information

Formation	Depth	Formation	Depth
WSTC	4459		

G @ 15.8 PPg ~ 1.15 FT/SK



7) 1" ANNULOS  
 6) 50' @ STA  
 Hole: 12.25 in. @ 270 ft.  
 Surface: 8.625 in. @ 270 ft.  
 5) 100' G 115 FT  
 4) P<sub>PROD</sub> @ 370' 132' BREAK CIRC  
 LOGS V 30/30' POT  
 TOC 26.40  
 COLLARS 3662  
 RAIL @ 4800  
 45' @ TD  
 3) 50' PROD 9.0" / 9.0"  
 TWS 4459'  
 2) 15' G 17.25' / 1305' = 132'  
 1) CIBP @ 4900  
 Gross P<sub>PROD</sub> 4943 - 5352  
 Production: 5.5 in. @ 5697 ft.

TD: 5700 TVD:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Serial No.

**U-01195**

6. If Indian, Allottee or Tribe Name

**N/A**

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

**Natural Buttes Unit**

8. Well Name and No.

**CIGE #178**

9. API Well No.

**43-047-32330**

10. Field and Pool, or Exploratory Area

**Natural Buttes**

11. County or Parish, State

**Uintah UT**

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

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

**Coastal Oil & Gas Corporation**

3a. Address

**P.O. Box 1148, Vernal UT 84078**

3b. Phone No. (include area code)

**(435) 781-7023**

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

**NW/NW Sec. 5, T10S, R22E  
685' FNL & 926' FWL**

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

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

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

RIH & tag CIBP @ 4900'. Spot 15 sks Class "G" Cmt on CIBP. PU to 4660'. Reverse hole w/2% KCL. Test Csg. to 1000# held. Spot 83 Bbls 9.2 Brine water. POOH. RIH & perf Csg 4 shots @ 980'. INJ 4 BPM @ 700#. RIH & set CICR @ 880'. Sting into CICR. Pump 51 sks Class "G" Cmt below CICR. Spot 2 sks on top. POOH. RIH & perf Csg. w/4 squeeze holes @ 320'. Circ 110 sks Class "G" Cmt to surface. Cut off wellhead. Cmt fell DN 40' in 5 1/2" Csg. Fill Csg w/8 sks Cmt. Weld on DHM.

Well plugged and abandoned on 12/21/00.

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

Name (Printed/Typed)

**Cheryl Cameron**

Title

**Sr. Regulatory Analyst**

Date **12/27/00**

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

Approved by

Title

Date

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

Office

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

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

Page 1

CIGE #178-5-10-22  
SECTION 5, T10S-R22E  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
WI: 100% CIGE AFE: 18278  
TD: 5700' (WASATCH) SD: 9/12/92  
CSG: 5-1/2" @ 5697', PERFS: 4943'-5352'

---

AFE DESCR: P & A      AFE #: 90391

- 12/20/00      PREP TO P&A.**  
MIRU. SICP: 2100#, SITP: 100#. BLOW WELL DN. RLS TAC @ 4802'. POOH W/ 2 3/8" TBG. RIH W/ 4 1/2" GAUGE RING TO 4950'. RIH W/ 5 1/2" CIBP. SET @ 4900'. RIH W/ 2 3/8" TBG. EOT @ 3800'.
- 12/21/00      PREP TO WELD ON DHM.**  
RIH & TAG CIBP @ 4900'. SPOT 15 SXS CI "G" CMT ON CIBP. PU TO 4660'. REVERSE HOLE W/ 2% KCL. TST CSG TO 1000# HELD. SPOT 83 BBLS 9.2 BRINE WTR. POOH. RIH & PERF CSG 4 SHOTS @ 980'. INJ 4 BPM @ 700#. RIH & SET CIBP @ 880'. STING INTO CIRC. PMP 51 SXS CL "G" CMT BELOW CIRC. SPOT 2 SXS CMT ON TOP. POOH. RIH & PERF CSG W/ 4 SQZ HOLES @ 320'. CIRC 110 SXS CI "G" CMT TO SURF.
- 12/22/00      WELL PLUGGED & ABANDONED.**  
CUT OFF WELLHEAD. CMT FELL DN 40' IN 5 1/2" CSG. FILL CSG W/ 8 SXS CMT. WELD ON DHM. LEVEL LOCATION. RDMO.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No. **U-01195**

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

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

8. Lease Name and Well No. **CIGE #178**

9. API Well No. **43-047-32330**

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

11. Sec., T., R., M., or Block and Surveyor Area **Sec. 5, T10S, R22E**

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

17. Elevations (DF, RKB, RT, GL)\* **5074' GR**

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

b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Resvr., Other **Plug and Abandon**

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

3. Address **P.O. Box 1148, Vernal, UT 84078** 3a. Phone No. (include area code) **(435) 781-7023**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface **NW/NW**  
At top prod. interval reported below **685' FNL & 926' FWL**  
At total depth

14. Date Spudded **8/30/92** 15. Date T.D. Reached **9/17/92** 16. Date Completed  D & A  Ready to Prod. **12/21/00**

18. Total Depth: MD **5700'** 19. Plug Back T.D.: MD **5663'** 20. Depth Bridge Plug Set: MD **TVD**

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

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

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

Hole Size	Size/Grade	Wt. (#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4"	8 5/8"	24#			270'	150 sks G			
7 7/8"	5 1/2"	17#			5697'	735sx HiFill 205 sx CL			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
N/A								

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) N/A			N/A			
B)						
C)						
D)						

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) N/A			N/A			
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
N/A	N/A

28. Production Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
N/A			→						P&A
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			→					P&A	

28a. Production-Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			→						

28b. Production Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method P&A
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status P&A	

28c. Production-Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

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

Plugged and Abandoned

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth

RECEIVED

JAN 02 2001

DIVISION OF OIL, GAS AND MINING

32. Additional remarks (include plugging procedure):

Refer to the attached Chronological Well History Report.

33. Circle enclosed attachments:

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

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

Name (please print) Cheryl Cameron

Title Sr. Regulatory Analyst

Signature *Sheila Lopez for C Cameron*

Date 12/29/00

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

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

Page 1

CIGE #178-5-10-22  
SECTION 5, T10S-R22E  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
WI: 100% CIGE AFE: 18278  
TD: 5700' (WASATCH) SD: 9/12/92  
CSG: 5-1/2" @ 5697', PERFS: 4943'-5352'

AFE DESCR: P &amp; A

AFE #: 90391

12/20/00

**PREP TO P&A.**

MIRU. SICP: 2100#, SITP: 100#. BLOW WELL DN. RLS TAC @ 4802'. POOH W/ 2 3/8" TBG. RHH W/ 4 1/2" GAUGE RING TO 4950'. RHH W/ 5 1/2" CIBP. SET @ 4900'. RHH W/ 2 3/8" TBG. EOT @ 3800'.

12/21/00

**PREP TO WELD ON DHM.**

RHH & TAG CIBP @ 4900'. SPOT 15 SXS CL "G" CMT ON CIBP. PU TO 4660'. REVERSE HOLE W/ 2% KCL. TST CSG TO 1000# HELD. SPOT 83 BBLS 9.2 BRINE WTR. POOH. RHH & PERF CSG 4 SHOTS @ 980'. INJ 4 BPM @ 700#. RHH & SET CIRC @ 880'. STING INTO CIRC. PMP 51 SXS CL "G" CMT BELOW CIRC. SPOT 2 SXS CMT ON TOP. POOH. RHH & PERF CSG W/ 4 SQZ HOLES @ 320'. CIRC 110 SXS CL "G" CMT TO SURF.

12/22/00

**WELL PLUGGED & ABANDONED.**

CUT OFF WELLHEAD. CMT FELL DN 40' IN 5 1/2" CSG. FILL CSG W/ 8 SXS CMT. WELD ON DHM. LEVEL LOCATION. RDMO.

JAN. 17. 2003 3:34PM

PORT

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*

**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.

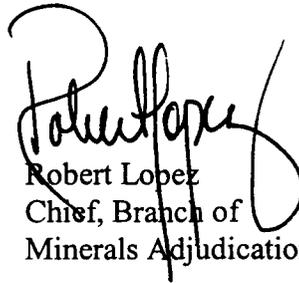
For our purposes, the name change is recognized effective December 31, 2001.

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





IN REPLY REFER TO:  
Real Estate Services

## United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

Washington, D.C. 20240

FEB 10 2003

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

Dear Mr. Wilson:

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

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

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

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

Sincerely,

Director, Office of Trust Responsibilities

ACTING

Enclosure



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO  
UT-922

February 27, 2003

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

Re: Natural Buttes Unit  
Uintah County, Utah

Gentlemen:

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

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

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

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

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

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

UT922:TAThompson:tt:02/27/2003

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

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

FORM 9

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

**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  GAS WELL  OTHER \_\_\_\_\_  
2. NAME OF OPERATOR:  
El Paso Production Oil & Gas Company  
3. ADDRESS OF OPERATOR:  
9 Greenway Plaza Houston TX 77064-0995 PHONE NUMBER:  
(832) 676-5933

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

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

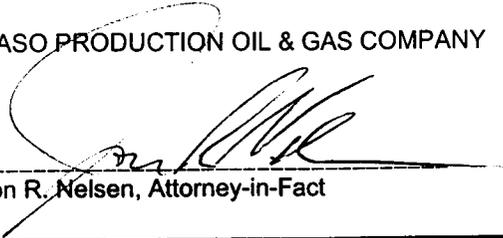
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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.

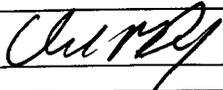
Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

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"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>SUCCESSOR OF</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<b>OPERATOR</b>

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration then. If the proposal is to deepen directionally or recomplete 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 if testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

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

RECEIVED  
MAR 04 2003

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

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

Title  
**OPERATIONS**

Signature

Date  
**March 4, 2003**

DIV. OF OIL, GAS & MINING

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject 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: <b>12-17-02</b>	
<b>FROM: (Old Operator):</b>	<b>TO: (New Operator):</b>
EL PASO PRODUCTION OIL & GAS COMPANY	WESTPORT OIL & GAS COMPANY LP
Address: 9 GREENWAY PLAZA	Address: P O BOX 1148
HOUSTON, TX 77064-0995	VERNAL, UT 84078
Phone: 1-(832)-676-5933	Phone: 1-(435)-781-7023
Account No. N1845	Account No. N2115

CA No. Unit: NATURAL BUTTES

WELL(S)	SEC TWN	API NO	ENTITY	LEASE	WELL	WELL
NAME	RNG		NO	TYPE	TYPE	STATUS
NBU 313	04-10S-22E	43-047-32838	2900	FEDERAL	GW	P
COG NBU 67	04-10S-22E	43-047-31737	2900	FEDERAL	GW	P
NBU 85J	04-10S-22E	43-047-31246	2900	FEDERAL	GW	P
NBU 46N	04-10S-22E	43-047-30513	2900	FEDERAL	GW	P
NBU 148	04-10S-22E	43-047-31983	2900	FEDERAL	GW	P
NBU 147	04-10S-22E	43-047-31984	2900	FEDERAL	GW	S
NBU 335	04-10S-22E	43-047-33727	2900	FEDERAL	GW	P
NBU 336	04-10S-22E	43-047-34027	99999	FEDERAL	GW	APD
NBU 337	04-10S-22E	43-047-34020	99999	FEDERAL	GW	APD
NBU 339	05-10S-22E	43-047-34406	2900	FEDERAL	GW	P
CIGE 281	05-10S-22E	43-047-34444	2900	FEDERAL	GW	P
NBU 338	05-10S-22E	43-047-34058	2900	FEDERAL	GW	P
NBU CIGE 52-5-10-22	05-10S-22E	43-047-30531	2900	FEDERAL	GW	P
NBU CIGE 73D-5-10-22P	05-10S-22E	43-047-30952	2900	FEDERAL	GW	S
NBU 140	05-10S-22E	43-047-31947	2900	FEDERAL	GW	P
NBU 149	05-10S-22E	43-047-31982	2900	FEDERAL	GW	S
NBU 242	05-10S-22E	43-047-32944	2900	FEDERAL	GW	P
NBU 171	05-10S-22E	43-047-32115	2900	FEDERAL	GW	P
<b>CIGE 178-5-10-22</b>	05-10S-22E	43-047-32330	2900	FEDERAL	GW	PA
NBU 280	05-10S-22E	43-047-34443	99999	FEDERAL	GW	APD

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

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

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

8. **Federal and Indian Units:**

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

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

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

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

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 03/24/2003

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 03/24/2003

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

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

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

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

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

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

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

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

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

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

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

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

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

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

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

5. Lease Serial No.  
 Multiple Wells - see attached

6. If Indian, Allottee or Tribe Name

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

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

9. API Well No.  
 Multiple Wells - see attached

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

11. County or Parish, State  
 Uintah County, UT

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

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

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

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 Operations Manager  
 Signature *J.T. Conley* Date 9-2-2003  
 Initials *CHD*

SEP 10 2003  
DIV. OF OIL, GAS & MINING

THIS SPACE FOR FEDERAL OR STATE USE

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
 Accepted by the Utah Division of Oil, Gas and Mining  
 Federal Approval of This Action is Necessary

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

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

Date: 9/16/03

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	21-9-21 NWNE	UTU0576	891008900A	430473302200S1
CIGE 234	25-9-21 SWNE	U01189	891008900A	430473287300S1 ✓
CIGE 235	25-9-21 NWSE	U01194	891008900A	430473285800S1 ✓
CIGE 236	34-9-21 SESE	U01194A	891008900A	430473286100S1 ✓
CIGE 237	15-9-21 NWSE	UTU010950A	891008900A	430473387800S1
CIGE 239	35-9-21 SENE	ML22582	891008900A	430473320600S1 ✓
CIGE 240	29-9-22 SENW	ML22935	891008900A	430473320700S1
CIGE 241	32-9-22 NENW	ML22649	891008900A	430473320800S1
CIGE 242	33-9-22 NWNW	UTU01191A	891008900A	430473402200S1

**Westport Oil & Gas, L.P.**

**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 ???  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
Total \$		\$1,200

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

**Production & OPX Detail:**

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

**Project Life:**

Life =  Years  
(Life no longer than 20 years)

**Internal Rate of Return:**

After Tax IROR =

**AT Cum Cashflow:**

Operating Cashflow =  (Discounted @ 10%)

**Payout Calculation:**

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

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

Payout =  Years or  Days

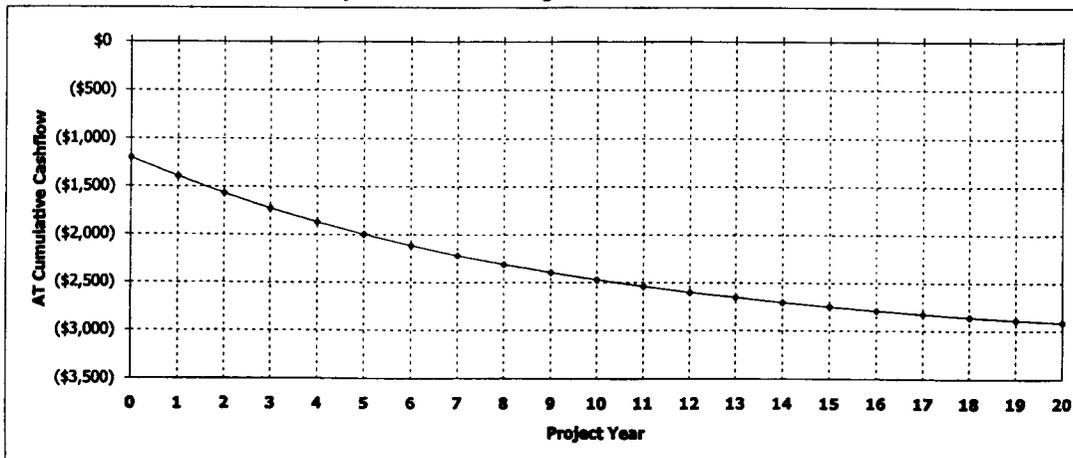
**Gross Reserves:**

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

**Notes/Assumptions:**

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

Project: Condensate Shrinkage Economics



**Westport Oil and Gas, Inc.**

**NBU/Ouray Field**

RFL 2003-022

**COMPARISON OF FLASH BACK PRESSURES**

Calculated by Characterized Equation-of-State

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

**Calculated at Laboratory Flash Conditions**

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

**Calculated Flash with Backpressure using Tuned EOS**

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

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

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

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

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

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

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

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

Operator Name Change/Merger

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

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

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

**DATA ENTRY:**

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

**BOND VERIFICATION:**

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

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

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

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

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

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

6. If Indian, Allottee or Tribe Name

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

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

9. API Well No.

10. Field and Pool, or Exploratory Area

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

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

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

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

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

**RECEIVED**

**MAY 10 2006**

DIV. OF OIL, GAS & MINING

*BLM BOND = C01203  
BIA BOND = RLB0005239*

**APPROVED 5/16/06**

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

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

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

**THIS SPACE FOR FEDERAL OR STATE USE**

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

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

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

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

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

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

6. If Indian, Allottee or Tribe Name

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

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

9. API Well No.

10. Field and Pool, or Exploratory Area

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

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

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

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

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

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

RECEIVED  
 MAY 10 2006

DIV OF OIL, GAS & MINING

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

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

THIS SPACE FOR FEDERAL OR STATE USE

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

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



## United States Department of the Interior

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

IN REPLY REFER TO:

CO922 (MM)  
3106  
COC017387 et. al.

March 23, 2006

### NOTICE

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

#### Merger/Name Change - Recognized

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

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

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

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

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

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

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

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

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

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

**Attachment:**

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

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

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



# United States Department of the Interior



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

IN REPLY REFER TO:  
3106  
(UT-922)

March 27, 2006

## Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

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

Chief, Branch of  
Fluid Minerals

## Enclosure

Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
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