

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, Colorado 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
1031' FNL, 1879' FEL (Lot 2) 5-10S-22E  
 At proposed prod. zone  
Same as above

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

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)                      1,031'

16. NO. OF ACRES IN LEASE                      1,363.21

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.                      1,925' ±

19. PROPOSED DEPTH                      5,850' WSTC

20. ROTARY OR CABLE TOOLS                      Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5,151' GR

22. APPROX. DATE WORK WILL START\*  
April 25, 1991

5. LEASE DESIGNATION AND SERIAL NO.  
UTU-01191A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Not Applicable

7. UNIT AGREEMENT NAME  
Natural Buttes

8. FARM OR LEASE NAME  
NBU

9. WELL NO.  
140

10. FIELD AND POOL, OR WILDCAT  
Natural Buttes 1630

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

12. COUNTY OR PARISH                      18. STATE  
Uintah                      Utah

PROPOSED CASING AND CEMENTING PROGRAM (ALL NEW)

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, Circulated to Surface*
7-7/8"	5-1/2" K-55	17.0#	0-5,850'	545 sx, Circulated to Surface*

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

**RECEIVED**  
FEB 06 1991

EIGHT-POINT RESOURCE PROTECTION PLAN ATTACHED.

DIVISION OF  
OIL, GAS & MINING

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 NBU #140, Federal Lease #UTU-01191A. 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 Charles E. Mowry TITLE District Drilling Manager DATE 01/28/91

(This space for Federal or State office use)  
 API 43-047-31947 PERMIT NO.                      APPROVAL DATE

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE: 02-08-91  
 BY: JAY Johnson  
 WELL SPACING: 1615-2-3

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side



COASTAL OIL & GAS CORPORATION  
Lease #UTU-01191A, NBU #140  
Lot 2 (NW $\frac{1}{4}$ NE $\frac{1}{4}$ ), Section 5, T10S, R22E  
Uintah County, Utah

Drilling Prognosis

1. Estimated Tops of Important Geologic Markers:

Uinta	Surface	Wasatch	4530'
Green River	1373'	Total Depth	5850'

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

Wasatch                      4530'                      Gas (Primary Objective)

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: 11" 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 well bore and securely anchored.

3. Pressure Control Equipment:

F. Special Drilling Operations: Continued

4. Straight run on blooie line.
5. Deduster equipment (not required on 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 on aerated water system).
9. Compressors located in the opposite direction from the blooie line and at a minimum of 100 feet from the well bore.
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 well head 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

<u>Hole Size</u>	<u>Casing Size</u>	<u>Wt./Ft.</u>	<u>Grade</u>	<u>Joint</u>	<u>Depth Set</u>
12-1/4"	8-5/8"	24.0#	K-55	ST&C	0- 250'

4. The Proposed Casing and Cementing Program:

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	0-5850'

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 350 sx Halliburton Silica "Lite" cement with 4% Gel, 4% CaCl<sub>2</sub>, 0.3 % Halad-413 and 2.0#/sx Granulite TR; tail with approximately 195 sx Class "G" cement + additives. 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>
0-5850'	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.

6. Evaluation Program:

Logs : DIL-Caliper : 5850' - Surface  
FDC-CNL : 5850' - 1500'

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 Book Cliffs Resource Area 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, Book Cliffs Resource Area 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 2,720 psi (calculated at 0.465 psi/foot) and maximum anticipated surface pressure equals approximately 1,433 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 : April 25, 1991  
Drilling Days : Approximately 10 Days  
Completion Days : Approximately 7 days

B. Notification of Operations

The Book Cliffs Resource Area 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.

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.

8. Anticipated Starting Dates and Notification of Operations:

B. Notification of Operations - Continued

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.

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.

8. Anticipated Starting Dates and Notification of Operations:

B. Notification of Operations - Continued

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.

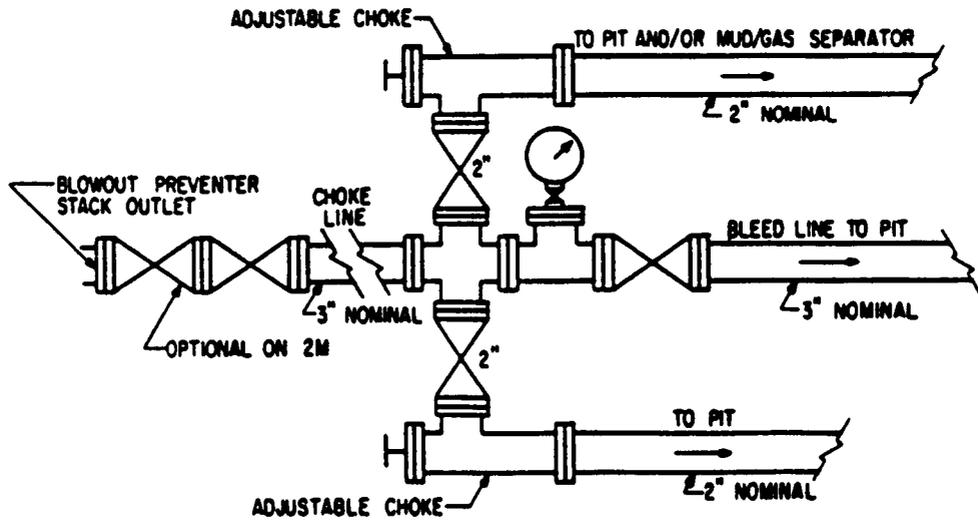
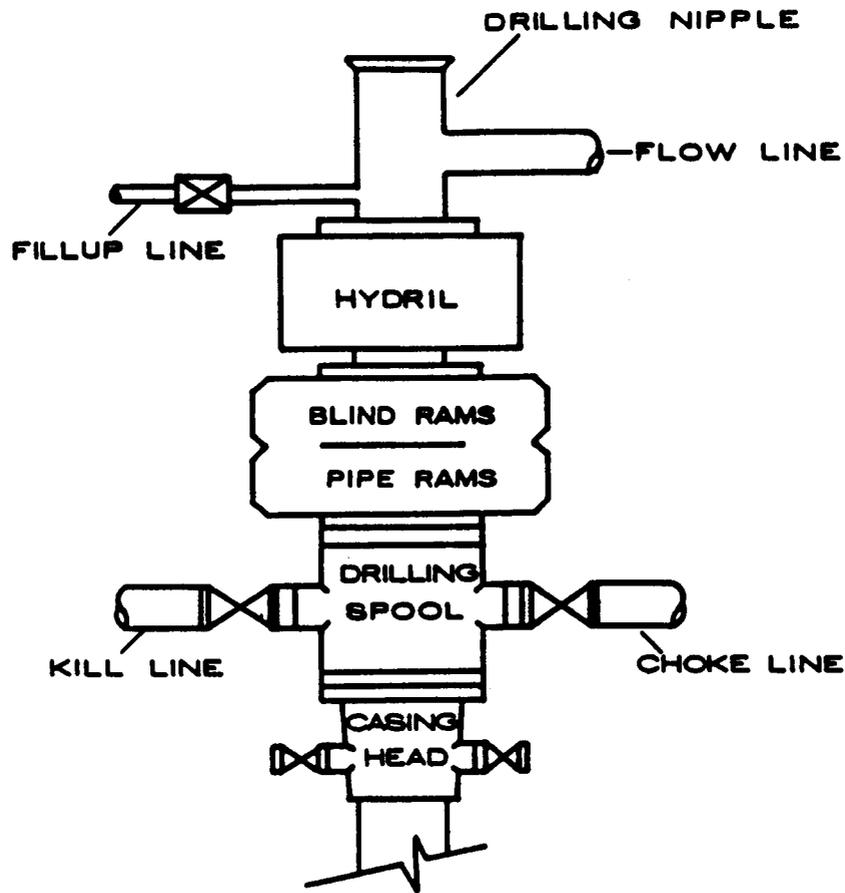
A "Notice of Intention to Abandon" (Form 3160-5) will be filed with the Authorized Officer within fifteen (15) days following the granting of oral approval to plug and abandon.

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 well bore. 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.

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.

# BOP STACK



COASTAL OIL & GAS CORPORATION  
Lease #UTU-01191A, NBU #140  
Lot 2 (NW $\frac{1}{4}$ NE $\frac{1}{4}$ ), 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 well site is staked and four 200-foot reference stakes are present.
  - B. To reach the location from the town of Vernal, Utah; proceed generally southwest approximately 14.0 miles on U.S. Highway 40 (a paved highway), thence south approximately 10.0 miles on Utah Highway 88 (a paved highway) to the town of Ouray, thence generally south approximately 8.8 miles on the Seep Ridge Road (an existing, upgraded Uintah County road), thence generally southeast approximately 2.4 miles on an existing, upgraded oilfield road (crowned & ditched with a gravel surface), thence generally east/southeast approximately 4.0 miles on an existing, upgraded oilfield road (crowned & ditched with a gravel surface), thence generally east/southeast approximately 4.9 miles on an existing, upgraded oilfield road (crowned & ditched with a gravel surface), thence generally north/northeast approximately 3.3 miles on an existing, upgraded oilfield road (crowned & ditched with a gravel surface), thence generally north approximately 1.7 miles on an existing, upgraded oilfield road (crowned & ditched with a gravel surface), thence generally north/northwest approximately 0.8 miles on an existing, upgraded oilfield road (crowned & ditched with a gravel surface), thence generally northeast and then southwest approximately 0.7 miles to the proposed NBU #140 well location.
  - C. Access roads - refer to Maps "A" and "B".
  - D. Access roads within 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 NBU #140 well location.
  
2. Planned Access Roads: Refer to Figure #1

Approximately 0.7 miles of new road construction will be required for access to the proposed NBU #140 well location.

  - A. Width - maximum 30-foot overall right-of-way with an 18-foot road running surface, crowned & ditched.

2. Planned Access Roads: Continued

- 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, Third Edition. The road will be constructed to meet the standards of the anticipated traffic flow and all-weather requirements. Construction will include ditching, draining, graveling, 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.
- 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 - water relief culverts will be installed as necessary or required along the proposed access road route (18-inch minimum diameter). Cuts and/or fills of approximately six (6) feet are anticipated on/along the proposed access road route.

2. Planned Access Roads: Continued

- G. Surface materials - 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.
- H. Gates, cattleguards or fence cuts - none required.
- I. 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.
- J. The proposed access road is flagged.

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

Please Refer to Map "C"

- A. Water wells - none known.
- B. Abandoned wells - NE $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 5, T10S, R22E.  
NE $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 8, T10S, R22E.
- C. Temp. abandoned wells - SW $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 33, T9S, R22E.
- D. Disposal wells - none known.
- E. Drilling wells - none known.
- F. Producing wells - SE $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 31, T9S, R22E.  
NE $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 32, T9S, R22E.  
NW $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 32, T9S, R22E.  
SW $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 32, T9S, R22E.  
SE $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 32, T9S, R22E.  
NW $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 32, T9S, R22E.  
SW $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 33, T9S, R22E.  
NW $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 4, T10S, R22E.  
SW $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 4, T10S, R22E.  
SW $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 4, T10S, R22E.  
NW $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 4, T10S, R22E.  
SE $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 5, T10S, R22E.  
SW $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 5, T10S, R22E.
- G. Shut-in wells - none known.
- 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. Existing

1. Tank batteries - SE $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 31, T9S, R22E.  
NE $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 32, T9S, R22E.  
NW $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 32, T9S, R22E.  
SW $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 32, T9S, R22E.  
SE $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 32, T9S, R22E.  
NW $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 32, T9S, R22E.  
SW $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 33, T9S, R22E.  
NW $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 4, T10S, R22E.  
SW $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 4, T10S, R22E.  
SW $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 4, T10S, R22E.  
NW $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 4, T10S, R22E.  
SE $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 5, T10S, R22E.  
SW $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 5, T10S, R22E.
2. Production facilities - same as Item #4A1, above.
3. Oil gathering lines - none.
4. Gas gathering lines - same as Item #4A1, above.

B. New Facilities Contemplated

1. 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 back-slope or toe of the fill slope.
2. The production facilities (consisting primarily of a christmas tree at the well head, dehydration unit, and emergency pit) will require an area approximately 300' X 135'. 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 installation operations.
3. 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 within 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).

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

B. New Facilities Contemplated - Continued

3. These dikes will be constructed of compacted sub-soil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.
4. 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 2.5Y 6/2.

5. 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.
- C. 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.
- D. 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.

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

Continued

E. Reclamation of disturbed areas no longer needed for operations will be accomplished by grading, leveling and seeding as recommended by the Bureau of Land Management (Refer to Item #10A7 (page #10) for the appropriate seed mixture and rate of application).

5. Location and Type of Water Supply:

- A. Fresh water for drilling will be obtained from an existing water well and reservoir: Uintah #1, owned by Target Trucking, Inc. and located in the SE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 16, Township 10 South, Range 21 East, Uintah County, Utah; permit #49-991 (A57530).
- B. Water will be transported over existing roads via tank truck from the point of diversion to the proposed NBU #140 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 obtained from a local contractor having a permitted (private) source of materials in the area. Refer to Item #2G (page #3) regarding any construction materials which may be required on the 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/blooiie pit.

7. Methods of Handling Waste Materials: Continued

- 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.

- 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 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.

7. Methods of Handling Waste Materials: Continued

- E. 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. 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 well site. Refer to Figure #1 for the location of the topsoil and subsoil stockpiles.
- 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 (Refer to Item #4B2 (page #4) for additional information in this regard).
- D. The reserve pit will be lined with a plastic, nylon reinforced, liner (minimum 10 mil thickness) with sufficient bedding material (either straw or dirt) to cover any rocks in the pit prior to the installation of the liner. The liner will overlap the pit walls and will 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.

9. Wellsite Layout: Continued

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. 30-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.
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 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.

10. Plans for Reclamation of the Surface:

A. Production - Continued

3. If a plastic or nylon reinforced pit liner is used, it 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.
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 re-contouring, the stockpiled topsoil will be evenly spread over the reclaimed area(s). Prior to re-seeding, 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 the following seed mixture recommended by the Bureau of Land Management:

<u>Species</u>	<u>Lbs. PLS/Acre</u>
Hi-Crest Created Wheatgrass	5.0
Four-Wing Saltbush	6.0
Yellow Sweet Clover	1.0

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.

10. Plans for Reclamation of the Surface: Continued

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 the appropriate surface rehabilitation requirements and attach them as the conditions of approval for final abandonment.

11. Surface Ownership:

The well site and proposed access road are situated on surface estate which is owned by the United States of America and 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. General Description of the Project Area: The proposed drill site is located within the Natural Buttes Unit in an area of northeastern Utah and more specifically in an area of moderately to severely eroded uplands located between the White River to the east (and north), the Green River to the west, Bitter Creek to the east, and Sand Wash to the southwest.

This area is classified as a "High Plains Steppe" (Cold Desert) and is characterized by gently to moderately undulated uplands dissected by numerous dendritically-patterned, ephemeral drainages of both the Green and White Rivers. Generally, local flora consists of native grasses such as salt grass, galleta grass, needle-and thread grass, Indian ricegrass; and woody species such as shadscale, horsebrush, black sagebrush, fringe sagebrush, big sagebrush, rabbitbrush, and greasewood along the dry drainages. Local fauna consists of mule deer, antelope, coyotes, rabbits, raptors, and various smaller vertebrate and invertebrate species.

12. Other Information:

A. General Description of the Project Area: Continued

There are no known threatened or endangered species that will be affected by implementation of operations on the proposed NBU #140 well location.

B. Surface Use Activities: The primary surface use is for grazing.

C. Proximity of Water, Occupied Dwellings, Archaeological, Historical or Cultural Sites:

1. The closest source of permanent water is the White River, located approximately 2.5 miles to the east of the proposed NBU #140 well location.
2. The closest occupied dwellings are located in the town of Ouray, approximately 14.0 miles to north-west.
3. 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 uncovered, 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.

12. Other Information:

C. Proximity of Water, Occupied Dwellings, Archaeological, Historical or Cultural Sites: Continued

3. 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.

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.

D. Additional Stipulations for Operations on Lands Administered by the Bureau of Land Management:

1. 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.
2. Drilling rigs and/or equipment used during drilling operations on this well site 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.

12. Other Information:

D. Additional Stipulations for Operations on Lands  
Administered by the Bureau of Land Management: Cont.

3. 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.
4. The Bureau of Land Management shall be notified upon site completion and prior to moving drilling tools onto the location.
5. A minimum of one (1) erosion control structure will be constructed in a minor drainage along the proposed access road route (NE $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 5). The actual location of this erosion control structure (and any others deemed necessary) will be determined by the Bureau of Land Management at the time of well pad construction.

13. 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

Heitzman Drill-Site Services\*  
Dale Heitzman and/or Robert M. Anderson  
P.O. Drawer 3579  
Casper, Wyoming 82602  
Phone: (307) 266-4840

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

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

Certification: Continued

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.

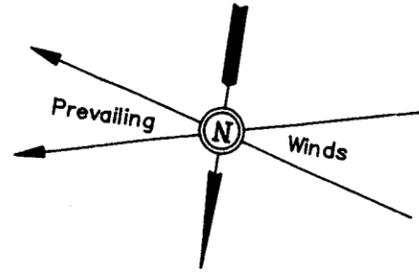
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated 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.

29 January 1991  
Date

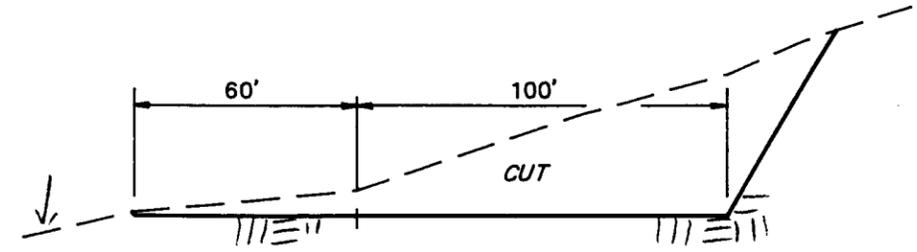
  
\_\_\_\_\_  
Robert M. Anderson/Authorized Agent

COASTAL OIL & GAS CORP.

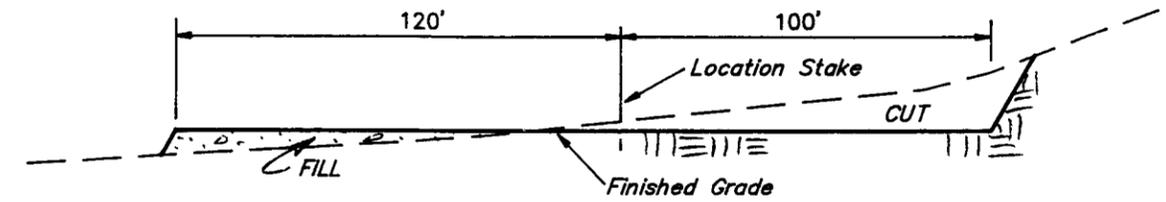
LOCATION LAYOUT FOR  
COG NBU #140  
SECTION 5, T10S, R22E, S.L.B.&M.



SCALE: 1" = 50'  
DATE: 1-12-91  
Drawn By: J.R.S.



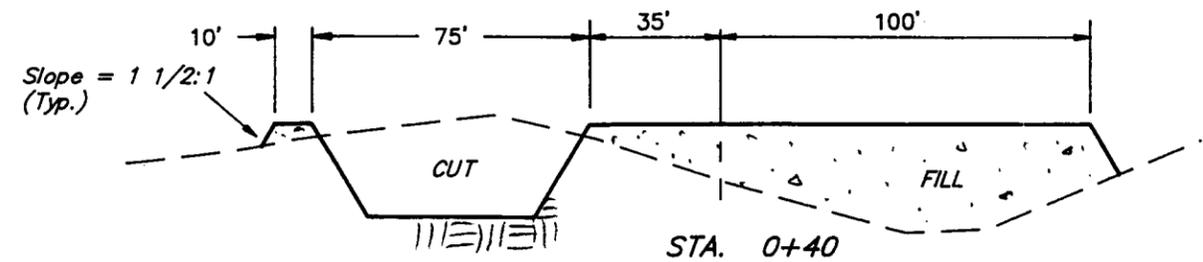
STA. 3+25



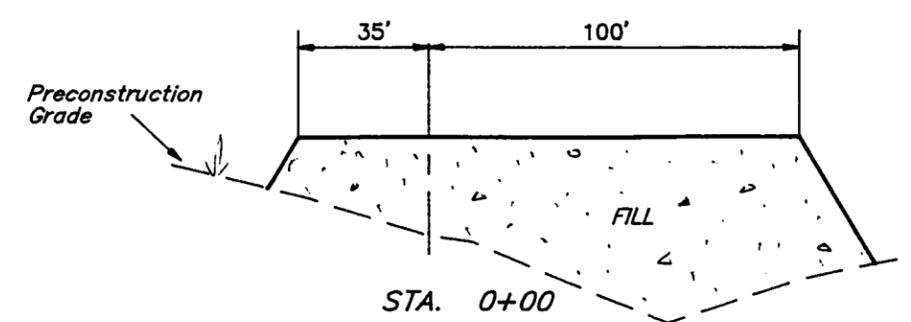
STA. 1+50

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

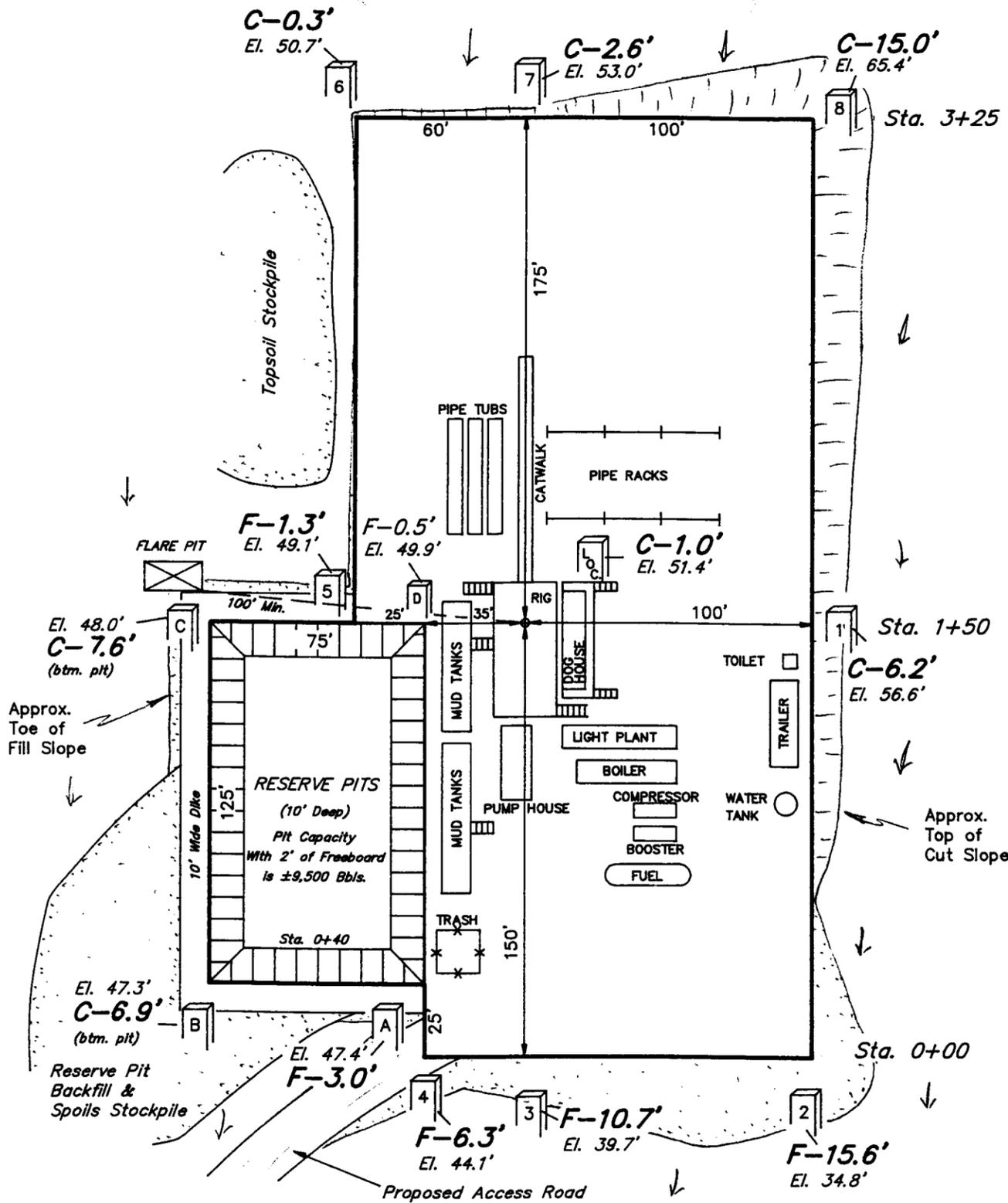
TYP. LOCATION LAYOUT  
TYP. CROSS SECTIONS



STA. 0+40



STA. 0+00



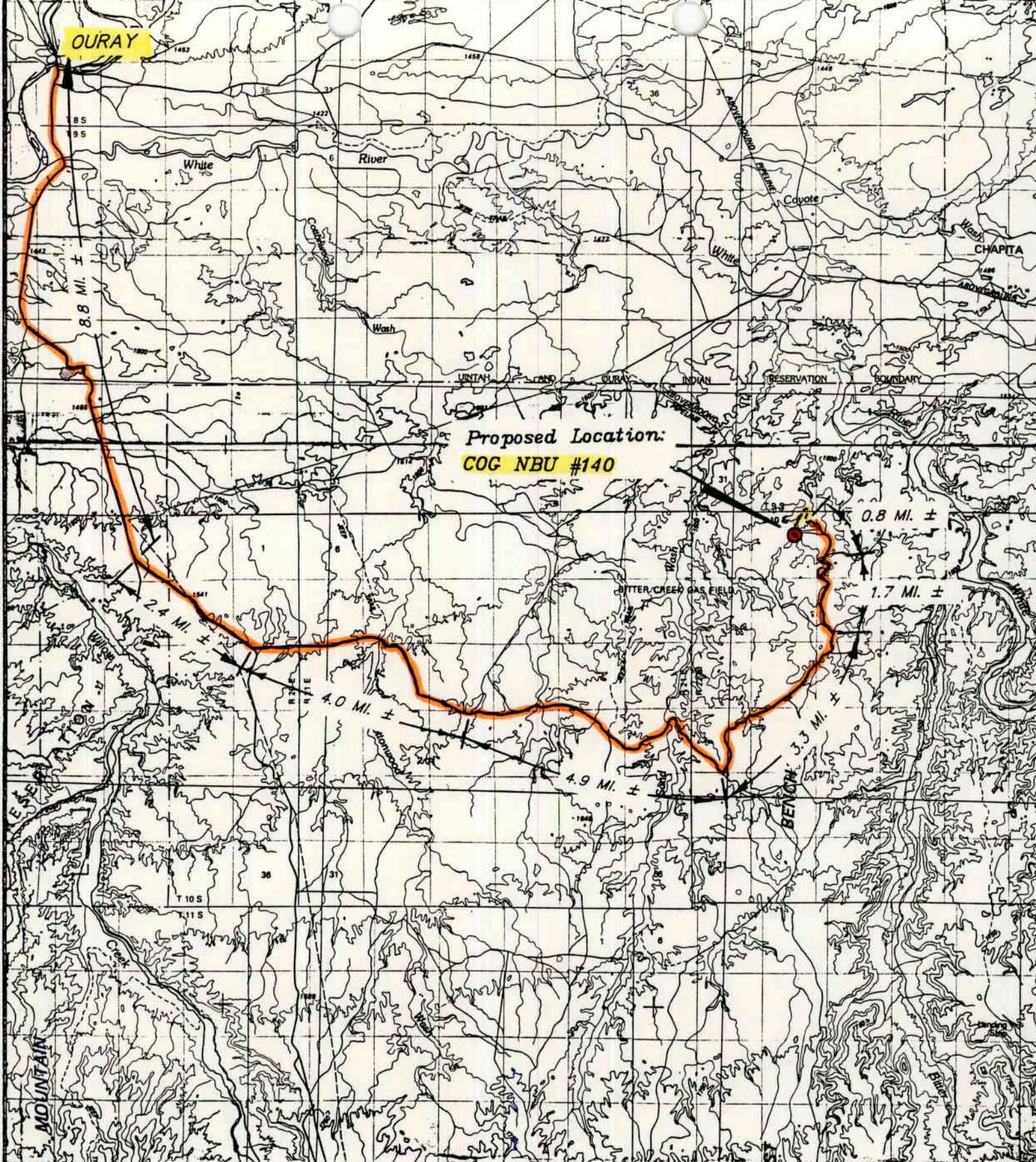
APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 2,130 Cu. Yds.
Remaining Location	= 7,850 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 8,920 CU.YDS.</b>
<b>FILL</b>	<b>= 4,710 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 3,960 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,290 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 1,670 Cu. Yds.

NOTES:

Elev. Ungraded Ground At Loc. Stake = 5151.4'  
FINISHED GRADE ELEV. AT LOC. STAKE = 5150.4'



OURAY

Proposed Location:  
COG NBU #140

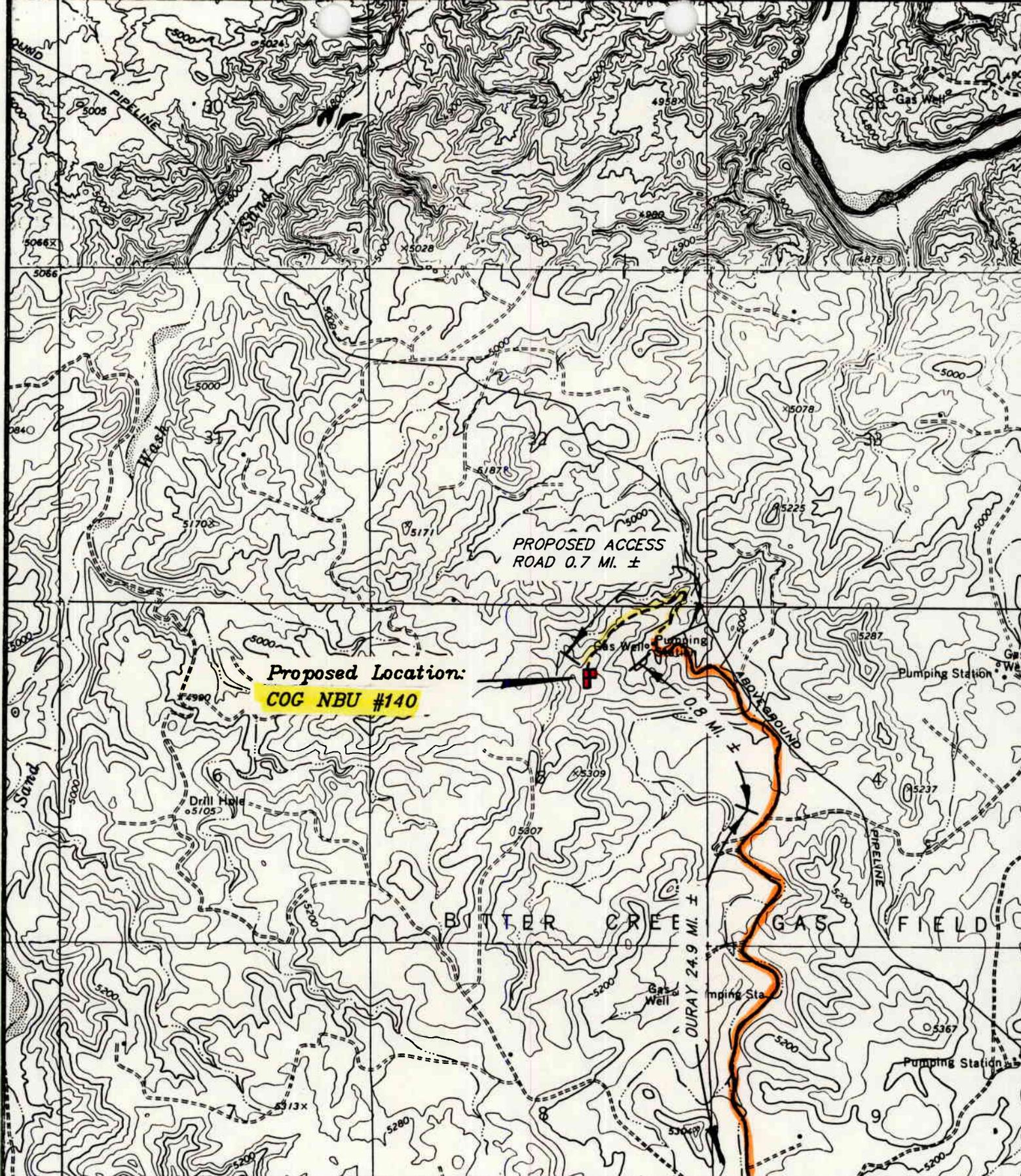
TOPOGRAPHIC  
MAP "A"

DATE 12-3-90



**COASTAL OIL & GAS CORP.**

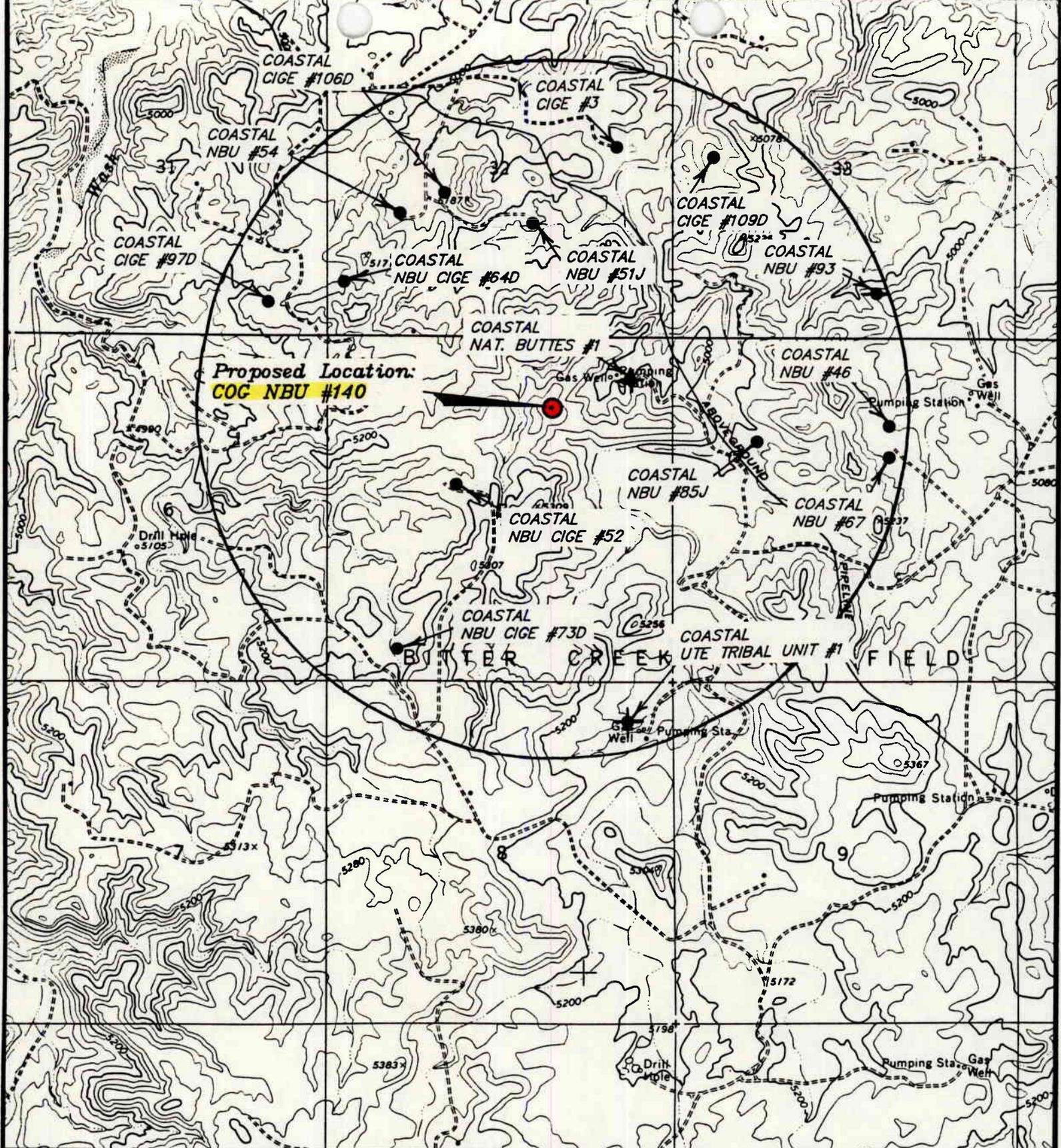
COG NBU #140  
SECTION 5, T10S, R22E, S.L.B.&M.



TOPOGRAPHIC  
MAP "B"  
SCALE: 1" = 2000'  
DATE 12-3-90



**COASTAL OIL & GAS CORP.**  
COG NBU #140  
SECTION 5, T10S, R22E, S.L.B.&M.



**LEGEND:**

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



**COASTAL OIL & GAS CORP.**

COG NBU #140  
 SECTION 5, T10S, R22E, S.L.B.&M.  
 T O P O M A P " C "  
 DATE: 1-11-91

OPERATOR Coastal Oil & Gas Corp. N-0030 DATE 11-7-91

WELL NAME NBU # 140

SEC NWNE 5 T 10S R 02E COUNTY Montah

43-047-31947  
API NUMBER

Natural (1)  
TYPE OF LEASE

CHECK OFF:

PLAT.

BOND

NEAREST WELL

LEASE

FIELD SLBM

POTASH OR OIL SHALE

PROCESSING COMMENTS:

Included in 1991 P.O.D. approved 10-20-90.  
Water Permit 49-991 (A57530)  
Oil shale area

APPROVAL LETTER:

SPACING:

R615-2-3

Natural Butter  
UNIT

R615-3-2

N/A  
CAUSE NO. & DATE

R615-3-3

STIPULATIONS:

1- Oil shale stipulation



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter  
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

February 8, 1991

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

Gentlemen:

Re: NBU #140 - NW NE Sec. 5, T. 10S, R. 22E - Uintah County, Utah  
1031' FNL, 1879' FEL

Approval to drill the referenced well is hereby granted in accordance with Section 40-6-18, Utah Code Annotated, as amended 1983; and predicated on R615-2-3, Oil and Gas Conservation General Rules, subject to the following stipulations:

1. Special attention is directed to compliance with R615-3-31, Oil and Gas Conservation General Rules, which prescribes drilling procedures for designated oil shale areas.

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

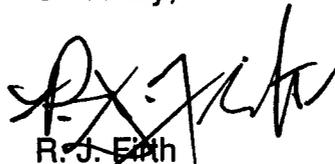
1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form 7.
4. Prompt notification if it is necessary to plug and abandon the well. Notify R. J. Firth, Associate Director, (Office) (801) 538-5340, (Home) 571-6068, or Jim Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of R615-3-20, Gas Flaring or Venting, Oil and Gas Conservation General Rules.

Page 2  
Coastal Oil & Gas Corporation  
NBU #140  
February 8, 1990

6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-31947.

Sincerely,



R. J. Fith  
Associate Director, Oil & Gas

tas  
Enclosures  
cc: Bureau of Land Management  
J. L. Thompson  
we14/1-8

**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, Colorado 80201-0749

**4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\***  
 At surface  
1031' FNL, 1879' FEL (Lot 2) 5-10S-22E  
 At proposed prod. zone  
Same as above

**14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\***  
Approximately fourteen (14) 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)**      1,031'

**16. NO. OF ACRES IN LEASE**      1,363.21

**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.**      1,925' ±

**19. PROPOSED DEPTH**      5,850'

**20. ROTARY OR CABLE TOOLS**      Rotary

**21. ELEVATIONS (Show whether DF, RT, GR, etc.)**  
5,151' GR

**22. APPROX. DATE WORK WILL START\***  
April 25, 1991

**5. LEASE DESIGNATION AND SERIAL NO.**  
UTU-01191A

**6. IF INDIAN, ALLOTTEE OR TRIBE NAME**  
Not Applicable

**7. UNIT AGREEMENT NAME**  
Natural Buttes

**8. FARM OR LEASE NAME**  
NBU

**9. WELL NO.**  
140

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

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

**12. COUNTY OR PARISH**      Uintah      **18. STATE**      Utah

FEB 1991

RECEIVED

43-047-21947 del

**PROPOSED CASING AND CEMENTING PROGRAM (ALL NEW)**

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, Circulated to Surface*
7-7/8"	5-1/2" K-55	17.0#	0-5,850'	545 sx, Circulated to Surface*

RECEIVED

MAR 11 1991

**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 NBU #140, Federal Lease #UTU-01191A. 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 Charles E. Mowry TITLE District Drilling Manager DATE 01/28/91  
 (Charles E. Mowry)

(This space for Federal or State office use)

PERMIT NO. 43-047-21947 APPROVAL DATE \_\_\_\_\_  
Assistant District Manager Minerals

APPROVED BY [Signature] TITLE \_\_\_\_\_ DATE 3/4/91  
 CONDITIONS OF APPROVAL, IF ANY:

**NOTICE OF APPROVAL**

**CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPY**

\*See Instructions On Reverse Side

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

Dio OG\* M

Ut 080-1m41

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

Company/Operator: Coastal Oil and Gas Corp.

Well Name & Number: NBU 140

Lease Number: U-01191A

Location: NWNE, Section 5, T.10S, R.22E

Surface Ownership: Federal

**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. Casing Program and Auxiliary Equipment

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

#### 3. 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.

#### 4. 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 Authorized Officer. 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 Authorized Officer.

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

5. Notifications 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 and Gas Order No. 3 shall be adhered to.

6. 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 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 the Onshore Oil and Gas Order No. 4 for liquid hydrocarbons and Onshore Oil and 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-hour 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 refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation, and miscellaneous solids.

**B. THIRTEEN POINT SURFACE USE PROGRAM:**

**1. Additional Surface Stipulations**

Two erosion control reservoirs should be constructed. One should be constructed in the drainage below the abandoned NBU Well No. 1 and the other should be located below the access road.

DIVISION OF OIL, GAS AND MINING

API NO. 43-047-31947 *del*

SPUDDING INFORMATION

NAME OF COMPANY: COASTAL OIL & GAS CORPORATION

WELL NAME: NBU #140

SECTION NWNE 5 TOWNSHIP 10S RANGE 22E COUNTY UINTAH

DRILLING CONTRACTOR CIRCLE L

RIG # 7C

SPUDED: DATE 3-22-91

TIME 4:30 p.m.

HOW Dry Hole

DRILLING WILL COMMENCE 4-4-91 ?

REPORTED BY CAK

TELEPHONE # VERNAL

OIL AND GAS

RJF	
FRM	
SLS	
GLH	
DTS	
1-TAS	
2-LWP	✓
3-JLT	✓
4-MICROFILM	✓
5-FILE	

DATE 3-26-91 SIGNED \_\_\_\_\_ TAS TAKEN BY: JLT



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter  
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

April 5, 1991

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

Dear Ms. Dey:

Re: Request for Completed Entity Action Form *del*  
NBU #140 - NWNE Sec. 5, T. 10S, R. 22E - Uintah County, Utah

This is written to remind you that all well operators are responsible for sending an Entity Action Form to the Division of Oil, Gas and Mining within five working days of spudding a new well. This office was notified that your company spudded the NBU #140, API Number 43-047-31947, on March 22, 1991. At this time, we have not received an Entity Action Form for this well.

Please review the instructions on the back of the enclosed form. Make sure you choose the proper Action Code to show whether the well will be a single well with its own sales facilities (Code A), a well being added to an existing group of wells having the same tank battery and common division of royalty interest (Code B - show existing Entity Number to which well should be added), or a well being drilled in the participating area of a properly designated unit (Code B). Complete the form and return it to us by April 17, 1991.

Your attention to this matter is appreciated. If we can be of assistance to you, please feel free to call Lisha Romero at the above number.

Sincerely,

Don Staley  
Administrative Supervisor

lcr  
Enclosure  
cc: R. J. Firth  
File  
WE66/14  
an equal opportunity employer

**RECEIVED**

APR 10 1991

DIVISION OF  
OIL GAS & MINING

Coastal Oil & Gas  
NBU #140  
Section 5  
Township 10S  
Range 22E  
County Uintah, Utah  
Contractor Circle L Drilling 7C  
4-6-91  
Tested by Paul Yoder

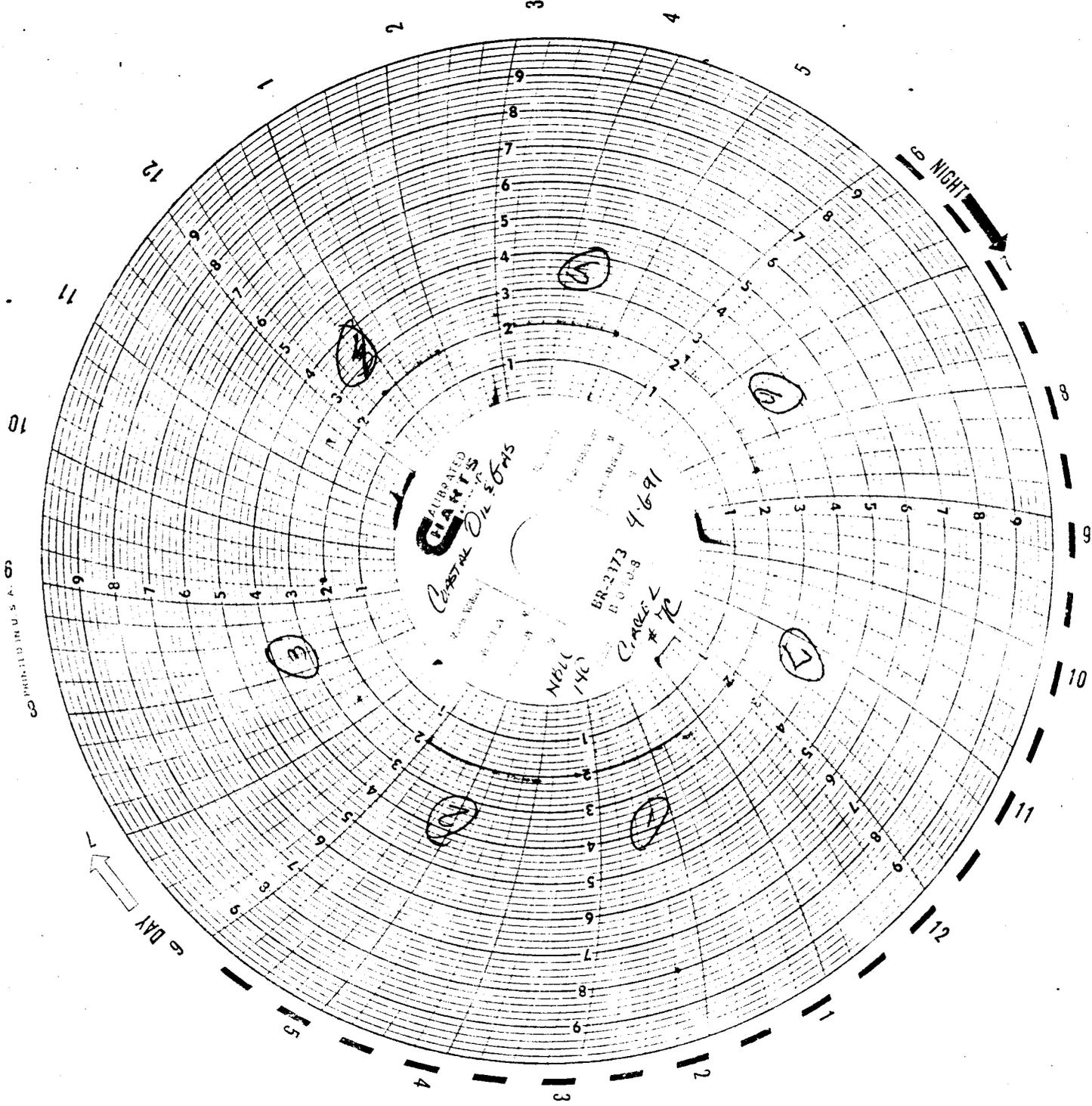
43-047-31947 *dl*

QUICK TEST INC.  
OFFICE (801) 789-8159

Coastal Oil & Gas  
NBU #140  
4-6-91

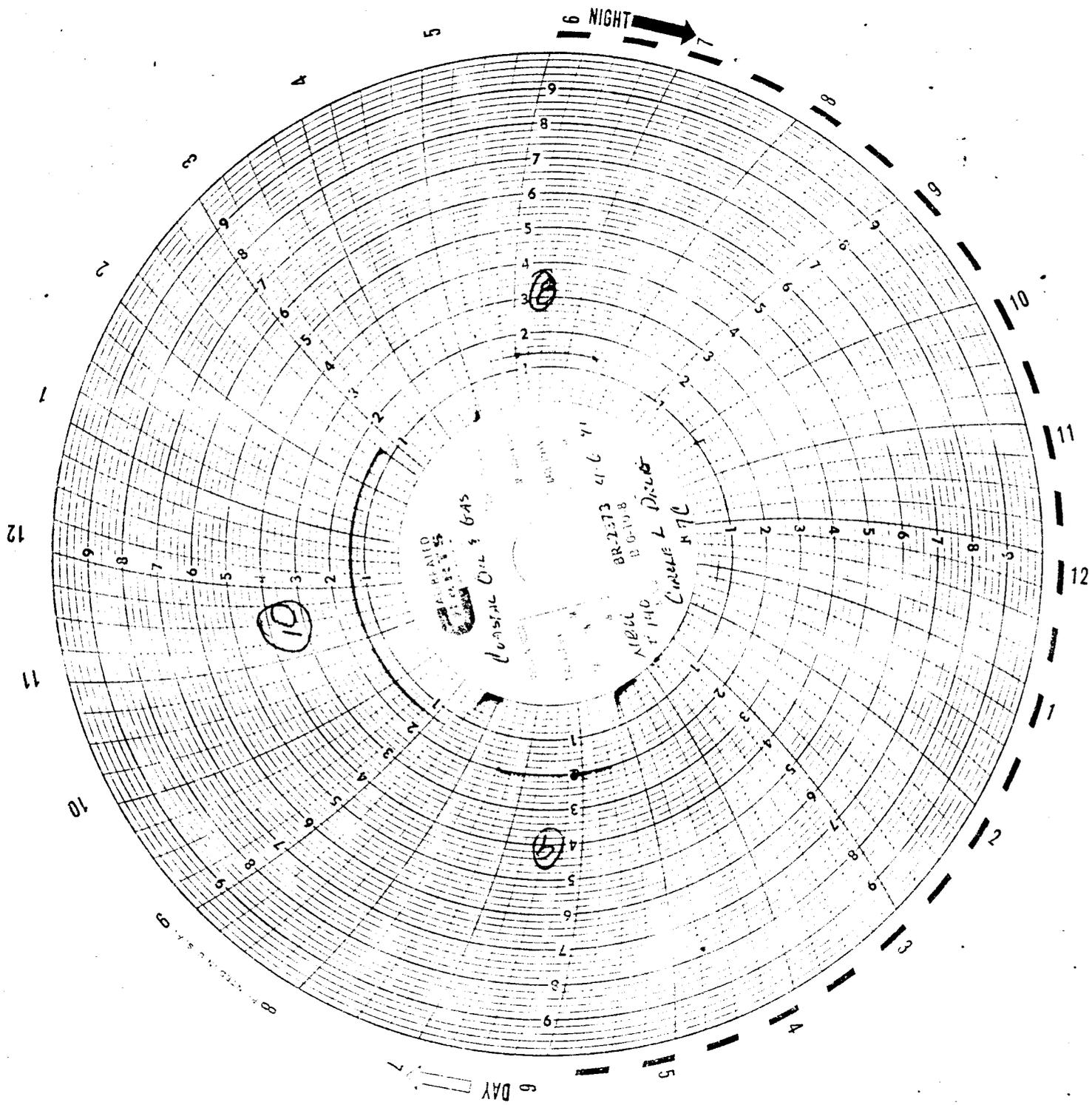
TEST #	ITEM TESTED	PRESSURE	MIN. HELD	RESULTS
1	Lower kelly cock	2000	10	No visible leaks
2	Safety valve	2000	10	No visible leaks
3	Dart valve	2000	10	No visible leaks
4	1st set choke manifold valves	2000	10	No visible leaks
5	2nd set choke manifold valves	2000	10	No visible leaks
6	Blind Rams, 1st kill, 2nd set choke manifold valves	2000	10	No visible leaks
7	Piperams, 1st kill, HCR	2000	10	No visible leaks
8	Hydril, 1st kill, HCR	1500	10	No visible leaks
9	Upper kelly cock	2000	10	No visible leaks
10	Casing	1500	30	No visible leaks

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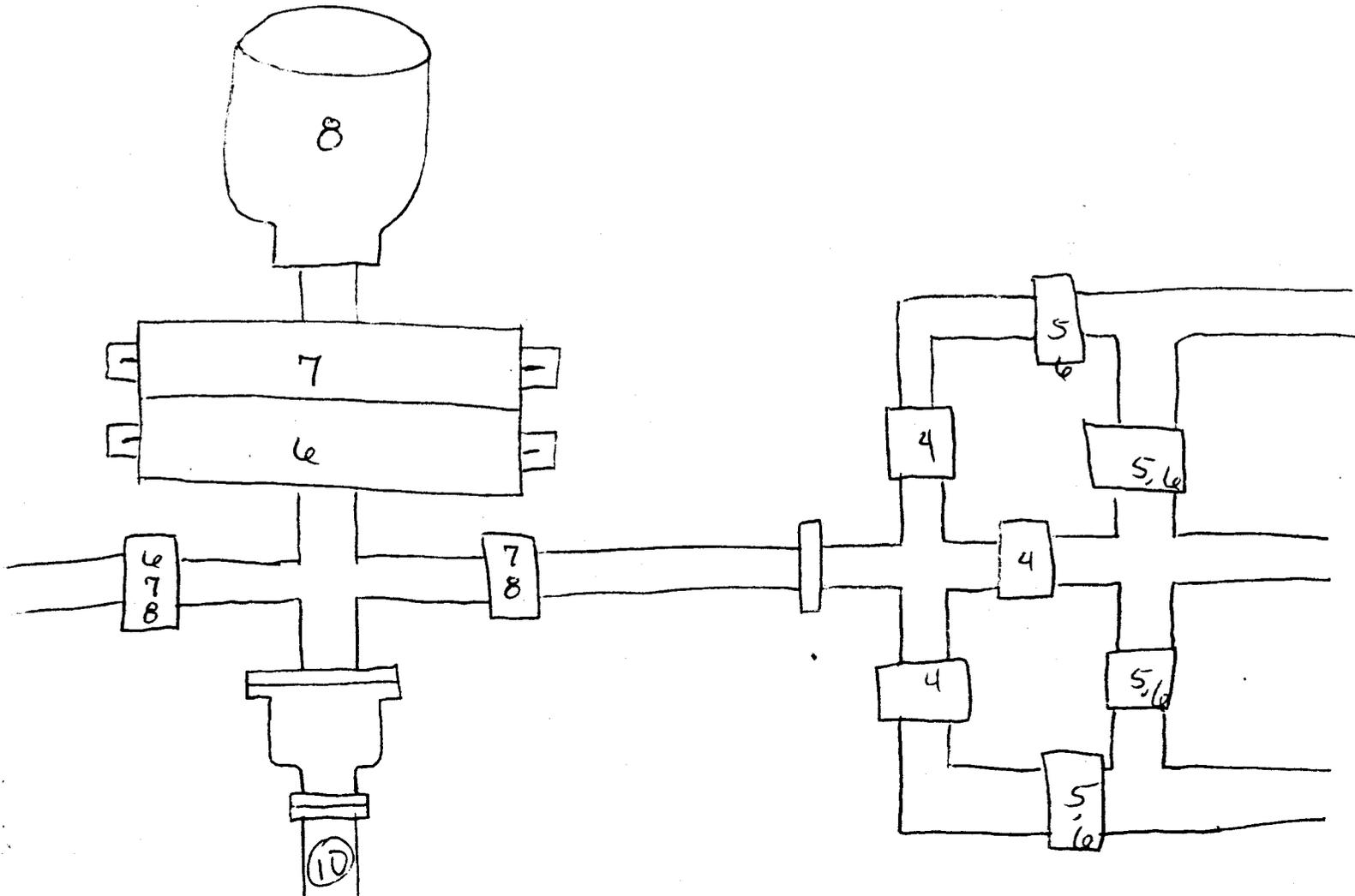
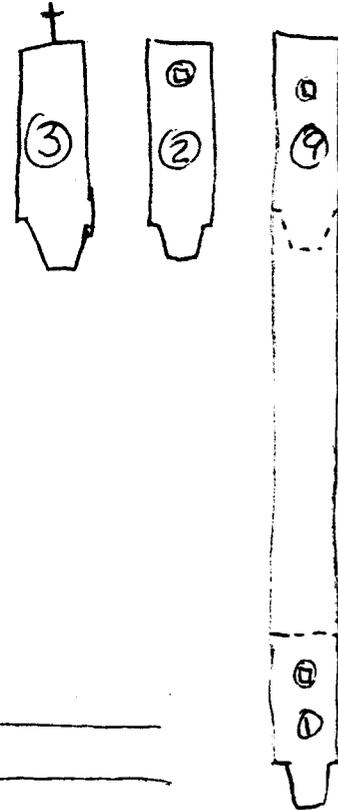
DAY

NIGHT



COASTAL OIL & GAS  
CIRCLE L DRG #7C

4-6-91  
NOU #140.



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

OPERATOR ACCT. NO. NO230

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		43-047-31918 <sup>del</sup>	CIGE #115-35-9-21	NWNE	35	9S	21E	Uintah	3/20/91	3/20/91
WELL 1 COMMENTS: FOR CIG EXPLORATION <i>Frd. Lease Unit - Natural Buttes / WSMVD P.A. (All 3 wells) Entity added 4-16-91-Lp</i>											
B	2900		43-047-31947 <sup>del</sup>	NBU #140	NWNE	5	10S	R22E	Uintah	3/22/91	3/22/91
WELL 2 COMMENTS:											
B	2900		43-047-31916 <sup>del</sup>	NBU #107	SWNW	26	9S	21E	Uintah	2/19/91	2/19/91
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**

APR 12 1991

DIVISION OF  
OIL GAS & MINING

*Eileen Danni Dey*  
Signature Eileen Danni Dey  
Regulatory Analyst  
Title  
Date 4/10/91

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

5. Lease Designation and Serial No.  
UTU-01191A

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

**SUBMIT IN TRIPLICATE**

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

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.

2. Name of Operator  
Coastal Oil & Gas Corporation

NBU #140

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

9. API Well No.  
43-047-31947 *del*

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1031' FNL & 1879' FEL  
Section 5, T10S-R22E

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 <u>Report of spud</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 markers and zones pertinent to this work.)

- MIRU Leon Ross Drilling, Inc. Spud well @ 2:30 PM 3/22/91. Drilled 12-1/4" hole to 255'. Ran 6 jts. 8-5/8", 24#, K55, ST&C and set @ 251'. Cmt'd w/180 sx Cl "G" cmt + additives. Cmt to surface.
- MIRU Circle L #7. NU BOP's and press test BOP's to 2000# for 15 Min-OK. Press test Hydril and csg. to 1500#-OK. Spud well w/rotary rig @ 9:30 PM, 4/6/91. Drlg. ahead.

**RECEIVED**

APR 12 1991

DIVISION OF  
OIL GAS & MINING

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

Signed

*Eileen Dana DeW*  
Eileen Dana DeW

Title Regulatory Analyst

Date 4/10/91

(This space for Federal or State office use)

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

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**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, Colorado 80201-0749 (303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1031' FNL & 1879' FEL (NWNE)  
Section 5, T10S-R22E

5. Lease Designation and Serial No.  
UTU-01191A

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

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

8. Well Name and No.  
NBU #140

9. API Well No.  
43-047-31947

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 <u>Report of Operations</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 markers and zones pertinent to this work.)\*

Please see the attached chronological report for the drilling operations on the above-referenced well.

**RECEIVED**

MAY 10 1991

DIVISION OF  
OIL GAS & MINING

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

Signed *Patricia Ann Dey* Title Regulatory Analyst Date 5/7/91

(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.

COASTAL OIL & GAS CORPORATION  
CHRONOLOGICAL HISTORY

NBU #140  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
CIRCLE L #7  
WI: 100% COGC AFE: 13054  
TD: 5975' (WASATCH) SD: 4/6/91  
CSG: 8-5/8" @ 263'; 5-1/2" @ 5964'  
DHC(M\$): 158.9

NW/NE SECTION 5-T10S-R22E

- 3/23/91 175' Drlg surface hole. Spud hole @ 2:30 p.m., 3/22/91. Drlg 12-1/4 " hole w/Leon Ross to 175'. SDFN.
- 3/24/91 255' WORT. Drill 12-1/4" hole to 255'. run 6 jts 8-5/8" 24# K-55 ST&C csg, 252.71'. Set @ 251'. Cmt w/Howco: 180 sx "G", .2% CaCl and 1/4#/sk Floseal. Displ w/14 bbls wtr. Circ 14 bbls cmt to surf. Cmt in place @ 5:00 p.m., 3/23/91.
- 4/5/91 263' RURT. Will spud Saturday, 4/6/91. CC: \$55,772.
- 4/6/91 263' RURT. MIRU Circle L rig and RURT. Expect to spud today. CC: \$56,927.
- 4/7/91 526' Drlg 263'/7.5 hrs. NU BOP's. Test BOP's, manifold, upper & lower Kelly cock to 2000# for 15 mins - OK. Hydril to 1500# for 15 mins - OK. Csg to 1500#, leaked to 500# in 5 mins. PU pkr and 6 DC's, 1 jt DP. Test csg to 1500# for 30 mins - OK. TOH w/pkr. TIH w/bit. Drlg cmt and shoe. Drlg w/air mist. Spudded @ 9:30 p.m., 4/6/91. MW 8.4, VIS 27, PH 10.5, MIST 1400 CFM. CC: \$68,539.
- 4/8/91 1576' Drlg 1050'/19 hrs. Svy, drlg. Chg rot hd rubber and RS. Drlg, svy, drlg, RS. Drlg, shut dn to install liner in reserve pit, drlg w/mist wtr. MW 8.4, VIS 27, PH 10.5, misting 1400 CFM. SVYS: 3/4 deg @ 515'; 1-1/4 deg @ 1010'. CC: \$77,633.
- 4/9/91 2564' Drlg 988'/20 hrs. Drlg, svy, blow hole. Drlg, svy, work tight hole @ 2100'. Drlg, svy, drlg w/wtr. SVYS: 3-1/4 deg @ 1598'; 1-1/2 deg @ 1840'; 1-1/4 deg @ 2330'. MW 8.4, VIS 27, WL N/C, PH 11.0. CC: \$93,864.
- 4/10/91 3300' Drlg 736'/15.5 hrs. Drlg, TFNB, work BOP, RS. Circ, wash & ream to btm 100', no fill. Drlg, svy: 1-3/4 deg @ 2830'. Drlg w/wtr. MW 8.4, VIS 27, WL N/C, PH 11.0. CC: \$105,670.
- 4/11/91 3975' Drlg 675'/19 hrs. Drlg, svy, RS. Install reserve pit liner. blow hole to fill reserve pit, start @ 975 psi. Drlg, work tight hole @ 3432'. Drlg, svy, drlg w/aerated wtr. SVYS: 1 deg @ 3330'; 3/4 deg @ 3832'. pH 10.5, AIR ±400 CFM. CC: \$124,171.
- 4/12/91 4672' Drlg 697'/16.5 hrs. Drlg, TFNB, check BOP's. Trip in w/DC's. Cut drlg line. TIH. Drlg w/wtr. Unload hole & aerate. Drlg w/wtr. SVY: 1-3/4 deg @ 4328'. pH 10.5, 1400 CFM. CC: \$134,587.
- 4/13/91 5456' Drlg 784'/20.5 hrs. Drlg, svys. RS, check BOP's. Drlg, blow hole, no wtr in reserve pit. SVYS: 1-1/2 deg @ 4812'; 1-3/4 deg @ 5315'. Drlg w/aerated wtr, pH 10.5, 1400 CFM. CC: \$142,659.
- 4/14/91 6003' Running E logs 547'/13 hrs. Drlg, svy, RS. Drlg, circ, short trip 20 stds, 15' fill. Circ. Displace hole w/400+ bbls brine. TOOH, SLM, no corr. RU Atlas, log open hole. Drlg brk from 5900-5928'. Drlg w/aerated wtr. pH 11.0, 1400 CFM. CC: \$149,100.
- 4/15/91 6003' TOOH after back off. Log open hole w/Atlas Wireline. Logger's TD 5990'. CNL-CDL-GR from 5990-2600'; DLL-GR-Cal 5990'-surface. TIH. Circ, wash 40' to btm, 15' fill. Pump 100 bbls 10# brine. Work tight hole 6003-5955'. Stock @ 5955', work stuck pipe. RU dialog and run free pt. Stuck: bit, SS, 1 DC. Back off @ 5886'. Left bit, SS, 2 DC's. Top of fish @ 5886'. TOOH, chain out. pH 11.0. CC: \$170,803.

COASTAL OIL & GAS CORPORATION  
CHRONOLOGICAL HISTORY

NBU 140  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH

PAGE 2

- 4/16/91 6003' Backing off @ 5917'. TOOH after back-off. MU fishing tools, TIH. Screw-in sub, BS, jars, XO, 4 DC's, XO, Accel, XO, 17 DC's. Wash 85' to top of fish, 12' fill. screw into fish & jar same. RU Dialog, tag fill @ 5960'. run FP:
- |       | <u>Free Pt.</u> | <u>Torque</u> |
|-------|-----------------|---------------|
| 5744' | 32              | 9             |
| 5741' | 34              | 17            |
| 5892' | 27              | 18            |
| 5917' | 40              | 22            |
| 5933' | 32              | 11            |
| 5917' | 36              | 18            |
| 5934' | 40              | 8             |
- Ran string shot and attempt back-off @ 5944', no back off. Tag fill @ 5941'. Jar on fish. Make up sand bailer, work from 5944' to 5950'. Bailer plugged. Ran CCL, tag @ 5945'. RIH w/shot for back off @ 5917'. Drlg w/water. CC: \$193,954.
- 4/17/91 6003' TOOH w/fishing string. Back off @ 5917'. Left 1 DC, SS, bit. TOF 5917'. LD 1 jt DP, PU Kelly. Build volume. Pump 350 bbls mud, no returns. Build volume. Pump 413 bbls mud, no returns. Build vol, pump 350 bbls mud, no returns. Bld vol, POOH. Drlg w/wtr/mud. MW 9.9, VIS 49, WL 6.6, PV 11, YP 18, 2% OIL, 12% LCM, 11% SOL, PH 10.5, ALK .6/.9, CL 1200, TR CA, GELS 2, 10" 11, CAKE 2. CC: \$212,426.
- 4/18/91 6003' TIH w/washpipe. POOH, LD fishing tools & 1 DC of fish. TIH w/bit #4, bridge @ 5350'. Wash & ream 5350-5863', bld volume; wash & ream 5863-5888', bld vol. W&R 5888-5894', bld vol. W&R 5894-5904', bld vol. W&R 5904-5916', bld vol. W&R 5916-5917' (TOF). Spot 70 vis pill on top. POOH, PU WP & TIH. Fish: bit, SS, 1 DC - 39.56' OA length. Bit @ 5956' (47' off btm). MW 9.5, VIS 48, WL 9, PV 19, YP 9, 1% OIL, 9% SOL, PH 9.5, ALK .6/.8, CL 1900, CA 80, GELS 2, 10" 9, CAKE 2. CC: \$227,713.
- 4/19/91 6003' Wash & ream to btm & prep to run 5-1/2" csg. TIH w/WP, bridge @ 1550'. Wash & ream 1550-1600', TIH. Wash over fish. Top 5917'; wash to 5952'. fish fell to 5993', 9' off btm. Wash over fish to bit. Spot 100 bbls 80 vis pill @ fish. POOH, LD washpipe. TIH w/screw-in sub. Fishing. POOH w/fish. LD fishing tools and fish. TIH w/bit. Cut drlg line. TIH, wash & ream 85' to btm, 6003'. MW 9.4, VIS 43, WL 9, PV 12, YP 5, 6% SOL, PH 11.5, ALK .4/.8, CL 900, CA 20, GELS 1, 10" 3, CAKE 2. CC: \$249,168.
- 4/20/91 6003' ND BOP's. Spot 80 vis pill on btm. LD DP & DC's. Break Kelly, change rams. RU T-M Casers. Run 140 jts (6007.38') 5-1/2" 17# LT&C J-55 csg. Set @ 5965', 38' off btm. Attempt to wash to btm, no gain. Cmt w/Howco: 10 bbls FR wtr, 29 bbls mud flush, 10 bbls FW; 730 sx AG, 0.5% LWL, 1.5 gal/sk Howco suds, .75 gal/sk HC-2, 1.18 cu ft/sk, 15.6 ppg, foamed w/44,280, SCF N<sub>2</sub>; 415 sx AG, 0.3% Halad 413, 0.2% CBL, 1#/sk Capseal, 1/4#/sk floeal, 1.18 cu ft/sk, 15.6 ppg. Dropped plug. Displace w/139 bbls FW. Plug bumped, cmt to surf @ end of displacement. Floats held. Pump 75 sx CalSeal dn annulus, SI well. Job complete 11:07 a.m., 4/19/91. WOC. Set 5-1/2" slips w/85M#, full st wt. chg pipe rams, clean pits, ND BOP's. RR 7:00 a;m; 4/20/91. CC: \$359,473. FINAL DRLG REPT.

**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 \***

1. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____										5. LEASE DESIGNATION AND SERIAL NO. UTU-01191-A																																				
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. REVR. <input type="checkbox"/> Other _____										6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A																																				
2. NAME OF OPERATOR Coastal Oil & Gas Corporation										7. UNIT AGREEMENT NAME Natural Buttes Unit																																				
3. ADDRESS OF OPERATOR P. O. Box 749, Denver, Colorado (303) 573-4476										8. FARM OR LEASE NAME NBU																																				
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1031' FNL & 1879' FEL  At top prod. interval reported below Same as above  At total depth Same as above										9. WELL NO. #140																																				
14. PERMIT NO. 43-047-31947      DATE ISSUED 2/8/91										10. FIELD AND POOL, OR WILDCAT Natural Buttes																																				
15. DATE SPUDDED 3/22/91    16. DATE T.D. REACHED 4/13/91    17. DATE COMPL. (Ready to prod.) 4/30/91										11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 5, T10S-R22E																																				
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5151' GR, 5163' KB										12. COUNTY OR PARISH Uintah																																				
19. ELEV. CASINGHEAD										13. STATE Utah																																				
20. TOTAL DEPTH, MD & TVD 6003'										24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4853-5929' Wasatch																																				
21. PLUG, BACK T.D., MD & TVD 5960'										25. WAS DIRECTIONAL SURVEY MADE NO																																				
22. IF MULTIPLE COMPL., HOW MANY* _____										26. TYPE ELECTRIC AND OTHER LOGS RUN FDC-CNL, CBE-CCL-GR, DUAL LATEROLOG <i>4-29-91</i>																																				
23. INTERVALS DRILLED BY → SFC-TD										27. WAS WELL CORED NO																																				
28. CASING RECORD (Report all strings set in well)																																														
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34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SIWOPLC																																														
35. LIST OF ATTACHMENTS H. Ivie																																														
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																																														
SIGNED <i>Eileen Danni Day</i> TITLE Regulatory Analyst DATE 6/3/91																																														

\*(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	MEAS. DEPTH	TRUE VERT. DEPTH
				Wasatch Fm	4503'	4503'

**RECEIVED**

JUN 06 1991

DIVISION OF  
OIL, GAS & MINING

COASTAL OIL & GAS CORPORATION  
CHRONOLOGICAL HISTORY

NBU #140  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
CIRCLE L #7

NW/NE SECTION 5-T10S-R22E

WI: 100% COGC AFE: 13054  
TD: 5975' (WASATCH) SD: 4/6/91  
CSG: 8-5/8" @ 263'; 5-1/2" @ 5964'  
DHC(M\$): 158.9

- 3/23/91 175' Drlg surface hole. Spud hole @ 2:30 p.m., 3/22/91. Drlg 12-1/4 " hole w/Leon Ross to 175'. SDFN.
- 3/24/91 255' WORT. Drill 12-1/4" hole to 255'. run 6 jts 8-5/8" 24# K-55 ST&C csg, 252.71'. Set @ 251'. Cmt w/Howco: 180 sx "G", .2% CaCl and 1/4#/sk Floseal. Displ w/14 bbls wtr. Circ 14 bbls cmt to surf. Cmt in place @ 5:00 p.m., 3/23/91.
- 4/5/91 263' RURT. Will spud Saturday, 4/6/91. CC: \$55,772.
- 4/6/91 263' RURT. MIRU Circle L rig and RURT. Expect to spud today. CC: \$56,927.
- 4/7/91 526' Drlg 263'/7.5 hrs. NU BOP's. Test BOP's, manifold, upper & lower Kelly cock to 2000# for 15 mins - OK. Hydril to 1500# for 15 mins - OK. Csg to 1500#, leaked to 500# in 5 mins. PU pkr and 6 DC's, 1 jt DP. Test csg to 1500# for 30 mins - OK. TOH w/pkr. TIH w/bit. Drlg cmt and shoe. Drlg w/air mist. Spudded @ 9:30 p.m., 4/6/91. MW 8.4, VIS 27, PH 10.5, MIST 1400 CFM. CC: \$68,539.
- 4/8/91 1576' Drlg 1050'/19 hrs. Svy, drlg. Chg rot hd rubber and RS. Drlg, svy, drlg, RS. Drlg, shut dn to install liner in reserve pit, drlg w/mist wtr. MW 8.4, VIS 27, PH 10.5, misting 1400 CFM. SVYS: 3/4 deg @ 515'; 1-1/4 deg @ 1010'. CC: \$77,633.
- 4/9/91 2564' Drlg 988'/20 hrs. Drlg, svy, blow hole. Drlg, svy, work tight hole @ 2100'. Drlg, svy, drlg w/wtr. SVYS: 3-1/4 deg @ 1598'; 1-1/2 deg @ 1840'; 1-1/4 deg @ 2330'. MW 8.4, VIS 27, WL N/C, PH 11.0. CC: \$93,864.
- 4/10/91 3300' Drlg 736'/15.5 hrs. Drlg, TFNB, work BOP, RS. Circ, wash & ream to btm 100', no fill. Drlg, svy: 1-3/4 deg @ 2830'. Drlg w/wtr. MW 8.4, VIS 27, WL N/C, PH 11.0. CC: \$105,670.
- 4/11/91 3975' Drlg 675'/19 hrs. Drlg, svy, RS. Install reserve pit liner. blow hole to fill reserve pit, start @ 975 psi. Drlg, work tight hole @ 3432'. Drlg, svy, drlg w/aerated wtr. SVYS: 1 deg @ 3330'; 3/4 deg @ 3832'. pH 10.5, AIR ±400 CFM. CC: \$124,171.
- 4/12/91 4672' Drlg 697'/16.5 hrs. Drlg, TFNB, check BOP's. Trip in w/DC's. Cut drlg line. TIH. Drlg w/wtr. Unload hole & aerate. Drlg w/wtr. SVY: 1-3/4 deg @ 4328'. pH 10.5, 1400 CFM. CC: \$134,587.
- 4/13/91 5456' Drlg 784'/20.5 hrs. Drlg, svys. RS, check BOP's. Drlg, blow hole, no wtr in reserve pit. SVYS: 1-1/2 deg @ 4812'; 1-3/4 deg @ 5315'. Drlg w/aerated wtr, pH 10.5, 1400 CFM. CC: \$142,659.
- 4/14/91 6003' Running E logs 547'/13 hrs. Drlg, svy, RS. Drlg, circ, short trip 20 stds, 15' fill. Circ. Displace hole w/400+ bbls brine. TOOH, SLM, no corr. RU Atlas, log open hole. Drlg brk from 5900-5928'. Drlg w/aerated wtr. pH 11.0, 1400 CFM. CC: \$149,100.
- 4/15/91 6003' TOOH after back off. Log open hole w/Atlas Wireline. Logger's TD 5990'. CNL-CDL-GR from 5990-2600'; DLL-GR-Cal 5990'-surface. TIH. Circ, wash 40' to btm, 15' fill. Pump 100 bbls 10# brine. Work tight hole 6003-5955'. Stock @ 5955', work stuck pipe. RU dialog and run free pt. Stuck: bit, SS, 1 DC. Back off @ 5886'. Left bit, SS, 2 DC's. Top of fish @ 5885'. TOOH, chain out. pH 11.0. CC: \$170,803.

COASTAL OIL & GAS CORPORATION  
CHRONOLOGICAL HISTORY

NBU 140  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH

PAGE 2

- 4/16/91 6003' Backing off @ 5917'. TOOH after back-off. MU fishing tools, TIH. Screw-in sub, BS, jars, XO, 4 DC's, XO, Accel, XO, 17 DC's. Wash 85' to top of fish, 12' fill. screw into fish & jar same. RU Dialog, tag fill @ 5960'. run FP:
- |       | <u>Free Pt.</u> | <u>Torque</u> |
|-------|-----------------|---------------|
| 5744' | 32              | 9             |
| 5741' | 34              | 17            |
| 5892' | 27              | 18            |
| 5917' | 40              | 22            |
| 5933' | 32              | 11            |
| 5917' | 36              | 18            |
| 5934' | 40              | 8             |
- Ran string shot and attempt back-off @ 5944', no back off. Tag fill @ 5941'. Jar on fish. Make up sand bailer, work from 5944' to 5950'. Bailer plugged. Ran CCL, tag @ 5945'. RIH w/shot for back off @ 5917'. Drlg w/water. CC: \$193,954.
- 4/17/91 6003' TOOH w/fishing string. Back off @ 5917'. Left 1 DC, SS, bit. TOF 5917'. LD 1 jt DP, PU Kelly. Build volume. Pump 350 bbls mud, no returns. Build volume. Pump 413 bbls mud, no returns. Build vol, pump 350 bbls mud, no returns. Bld vol, POOH. Drlg w/wtr/mud. MW 9.9, VIS 49, WL 6.6, PV 11, YP 18, 2% OIL, 12% LCM, 11% SOL, PH 10.5, ALK .6/.9, CL 1200, TR CA, GELS 2, 10" 11, CAKE 2. CC: \$212,426.
- 4/18/91 6003' TIH w/washpipe. POOH, LD fishing tools & 1 DC of fish. TIH w/bit #4, bridge @ 5350'. Wash & ream 5350-5863', bld volume; wash & ream 5863-5888', bld vol. W&R 5888-5894', bld vol. W&R 5894-5904', bld vol. W&R 5904-5916', bld vol. W&R 5916-5917' (TOF). Spot 70 vis pill on top. POOH, PU WP & TIH. Fish: bit, SS, 1 DC - 39.56' OA length. Bit @ 5956' (47' off btm). MW 9.5, VIS 48, WL 9, PV 19, YP 9, 1% OIL, 9% SOL, PH 9.5, ALK .6/.8, CL 1900, CA 80, GELS 2, 10" 9, CAKE 2. CC: \$227,713.
- 4/19/91 6003' Wash & ream to btm & prep to run 5-1/2" csg. TIH w/WP, bridge @ 1550'. Wash & ream 1550-1600', TIH. Wash over fish. Top 5917'; wash to 5952'. fish fell to 5993', 9' off btm. Wash over fish to bit. Spot 100 bbls 80 vis pill @ fish. POOH, LD washpipe. TIH w/screw-in sub. Fishing. POOH w/fish. LD fishing tools and fish. TIH w/bit. Cut drlg line. TIH, wash & ream 85' to btm, 6003'. MW 9.4, VIS 43, WL 9, PV 12, YP 5, 6% SOL, PH 11.5, ALK .4/.8, CL 900, CA 20, GELS 1, 10" 3, CAKE 2. CC: \$249,168.
- 4/20/91 6003' ND BOP's. Spot 80 vis pill on btm. LD DP & DC's. Break Kelly, change rams. RU T-M Casers. Run 140 jts (6007.38') 5-1/2" 17# LT&C J-55 csg. Set @ 5965', 38' off btm. Attempt to wash to btm, no gain. Cmt w/Howco: 10 bbls FR wtr, 29 bbls mud flush, 10 bbls FW; 730 sx AG, 0.5% LWL, 1.5 gal/sk Howco suds, .75 gal/sk HC-2, 1.18 cu ft/sk, 15.6 ppg, foamed w/44,280, SCF N<sub>2</sub>; 415 sx AG, 0.3% Halad 413, 0.2% CBL, 1#/sk Capseal, 1/4#/sk floseal, 1.18 cu ft/sk, 15.6 ppg. Dropped plug. Displace w/139 bbls FW. Plug bumped, cmt to surf @ end of displacement. Floats held. Pump 75 sx CalSeal dn annulus, SI well. Job complete 11:07 a.m., 4/19/91. WOC. Set 5-1/2" slips w/85M#, full st wt. chg pipe rams, clean pits, ND BOP's. RR 7:00 a.m., 4/20/91. CC: \$359,473. FINAL DRLG REPT.

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

Page 3

NBU #140  
NW/NE SECTION 5-T10S-R22E  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
WI: 100% COGC AFE: 13054  
TD: 6003' (WASATCH)  
SD: 4/6/91  
CSG: 5-1/2" @ 5964'  
PERFS: 4853'-5929'  
CWC(M\$): \$358.8

- 4/24/91 Mill out float collar. MIRU Welltech. Pick up 4.75" mill & 2-3/8" tbg. TIH to PBD @ 5818' (101' high). Pick up power swivel. Drill 101' of cmt to the top of float collar @ 5919'. Circ csg. DC: \$5,670 TC: \$365,143
- 4/25/91 Prep to breakdown perfs. Mill out float collar @ 5919'. Drill out 41' cmt to PBD @ 5960'. Circ csg clean w/3% KCl water. POOH with 2-3/8" tbg. MIRU OWP & run CBL-CCL-GR logs from 5960' to 100' w/1000 psi held on csg. Cmt top @ 200'. Over 90% bonding. RD logging tools. PU perforating guns. RIH and perf 19 holes, 1 JSPF, from 4853' to 5929'. RD OWP. TIH w/2-3/8" tbg as follows: hanger, blast joint, 153 jts 2-3/8" tbg, SN, 1 jt 2-3/8" tbg, notched collar. Tbg set @ 4783.24'. DC: \$22,157 TC: \$387,300
- 4/26/91 Flow test and swab. MIRU Smith Energy. Pressure test surface lines to 6000 psi. Break down perfs w/4000 gals of 3% KCl and 38 ball sealers. Balled off perfs. ISIP 3300 psi. RU to swab. Made 12 runs. Recover 75 bbls. Well kicked off. Flowing to pit on 10/64" chk. DC: \$21,488 TC: \$408,788
- 4/27/91 Flowing 100 MCFD, 125 psi FTP, 20/64" choke.
- 4/28/91 Flowing 100 MCFD, 100 psi FTP, 20/64" choke.
- 4/29/91 Flowing 75 MCFD, 200 psi FTP, 20/64" choke.
- 4/30/91 Flowing 75 MCFD, 200 psi FTP, 20/64" choke.
- 5/1/91 Flowing 155 MCFD, 50 psi FTP, 20/64" choke.
- 5/2/91 Shut-in, waiting on frac. Drop from report until further activity.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. UTU-01191-A
2. Name of Operator Coastal Oil & Gas Corporation	6. If Indian, Allotment or Tribe Name N/A
3. Address and Telephone No. P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476	7. If Unit or U.A. Agreement Designation Natural Buttes Unit
4. Location of well (Footage, sec., T., R., M., or survey description) 1031' FNL & 1879' FEL Section 5, T10S-R22E	8. Well Name and No. NBU #140
	9. API Well No. 43-047-31947
	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

- Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

TYPE OF ACTION

- Abandonment  
 Recommendation  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other Pipeline R-0-W  
 Change of Plans  
 New Construction  
 Non-Round Framing  
 Water Shut-Off  
 Conversion to Injection  
 Dispose Water

(Note: Report system of measurements on Well Completion or Recommendation Report and Log form.)

13. Describe proposed or completed operations (Clearly state all pertinent details, and give pertinent data, including estimated date of starting any proposed work. If well is abandoned or drilled, give subsurface locations and measures and true vertical depths for all markers and zones pertinent to this work.)

Coastal Oil & Gas Corporation requests a right-of-way to install a 4" gas pipeline from the NBU #140 gas well and tie into the existing gas pipeline. This right-of-way will be located in Section 5, T10S-R22E within lease #UTU-01191-A and within the Natural Buttes Unit boundaries. Coastal requests a 30' width easement with a total slope distance of  $\pm 498'$ . There will be minimum surface disturbance as the pipeline will be laid on the surface. Please see the attached topographic map which illustrates this proposed right-of-way.

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 11-21-91  
BY: J. Matthews

RECEIVED

OCT 09 1991

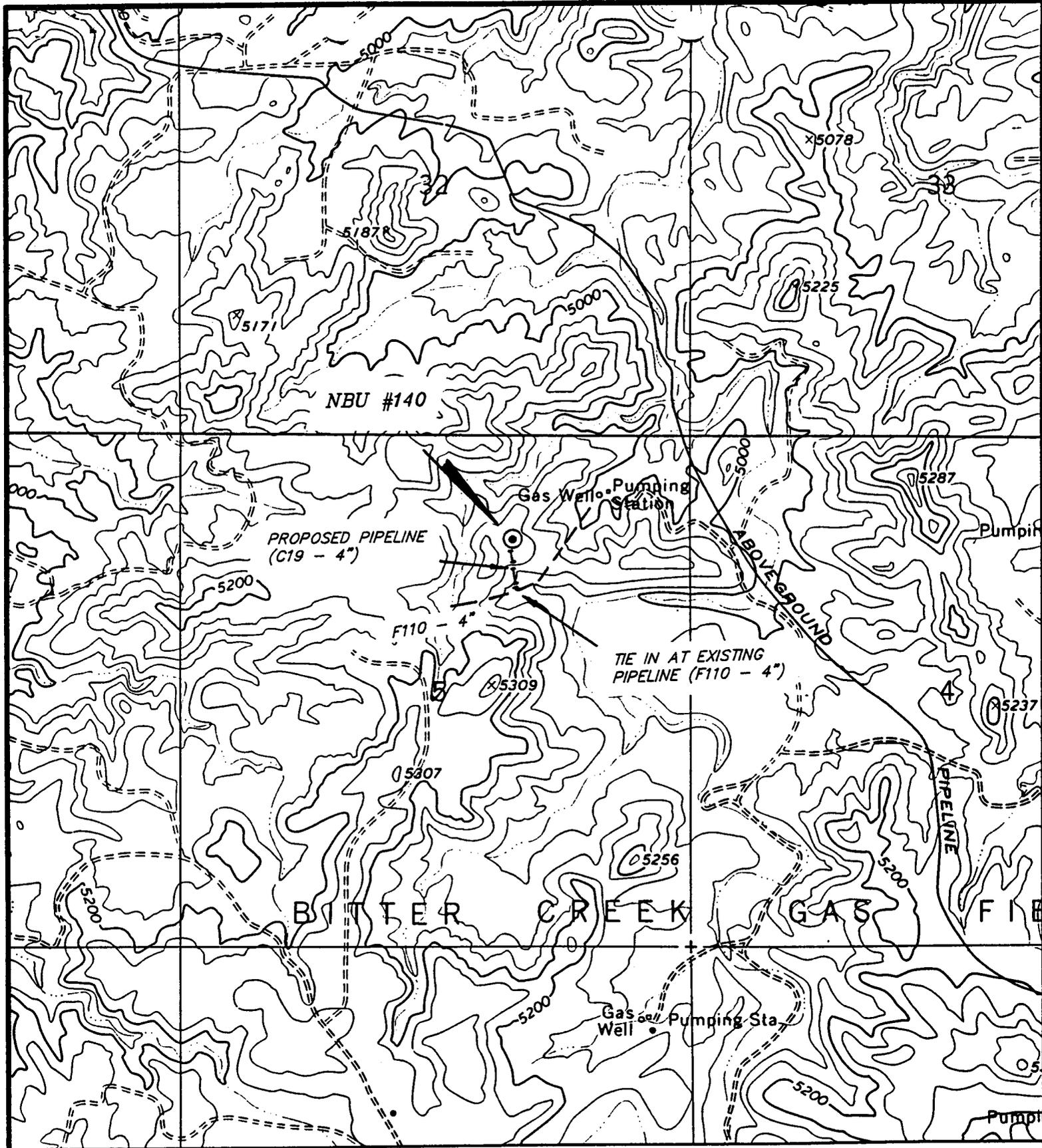
DIVISION OF  
OIL GAS & MINING

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

Signed: William R. Smith Title: Regulatory Analyst Date: 10/4/91

(This space for Federal or State office use)

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



**TOTAL PIPELINE SLOPE DISTANCE = 498'**

**TOPOGRAPHIC  
MAP**

LEGEND

- EXISTING PIPELINE
- - - - - Proposed Pipeline



**COASTAL OIL & GAS CORP.**  
 PROPOSED PIPELINE RIGHT-OF-WAY FOR  
 NBU #140  
 SECTION 5, T10S, R22E, S.L.B.&M.  
 DATE 9-26-91

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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UTU-01191-A

6. If Indian, Allotment or Tract Name

N/A

7. If Unit or L.A. Agreement Designation

Natural Buttes Unit

8. Well Name and No.

NBU #140

9. API Well No.

43-047-31947

10. Field and Pool, or Expansive 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)  
 1031' FNL & 1879' FEL  
 Section 5, T10S-R22E

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

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- Notice of intent
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- Abandonment
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- Casing Repair
- Altering Casing
- Other Pipeline R-O-W
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

(Note: Appropriate to submit information on well completion or abandonment forms and Log form.)

13. Describe proposed or Completed Operations (Clearly state all pertinent details, and give permit date, including occurrence date of starting any proposed work. If well is directional drilling, give subsurface locations and measures and true vertical depths for all markers and zones pertinent to this work.)

Coastal Oil & Gas Corporation requests a right-of-way to install a 4" gas pipeline from the NBU #140 gas well and tie into the existing gas pipeline. This right-of-way will be located in Section 5, T10S-R22E within lease #UTU-01191-A and within the Natural Buttes Unit boundaries. Coastal requests a 30' width easement with a total slope distance of ±498'. There will be minimum surface disturbance as the pipeline will be laid on the surface. Please see the attached topographic map which illustrates this proposed right-of-way.

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 3-9-92  
BY: J.M. Matthews

RECEIVED

OCT 09 1991

DIVISION OF  
OIL GAS & MINING

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

Signature

*Green K. ...*

Title

Regulatory Analyst

Date

10/4/91

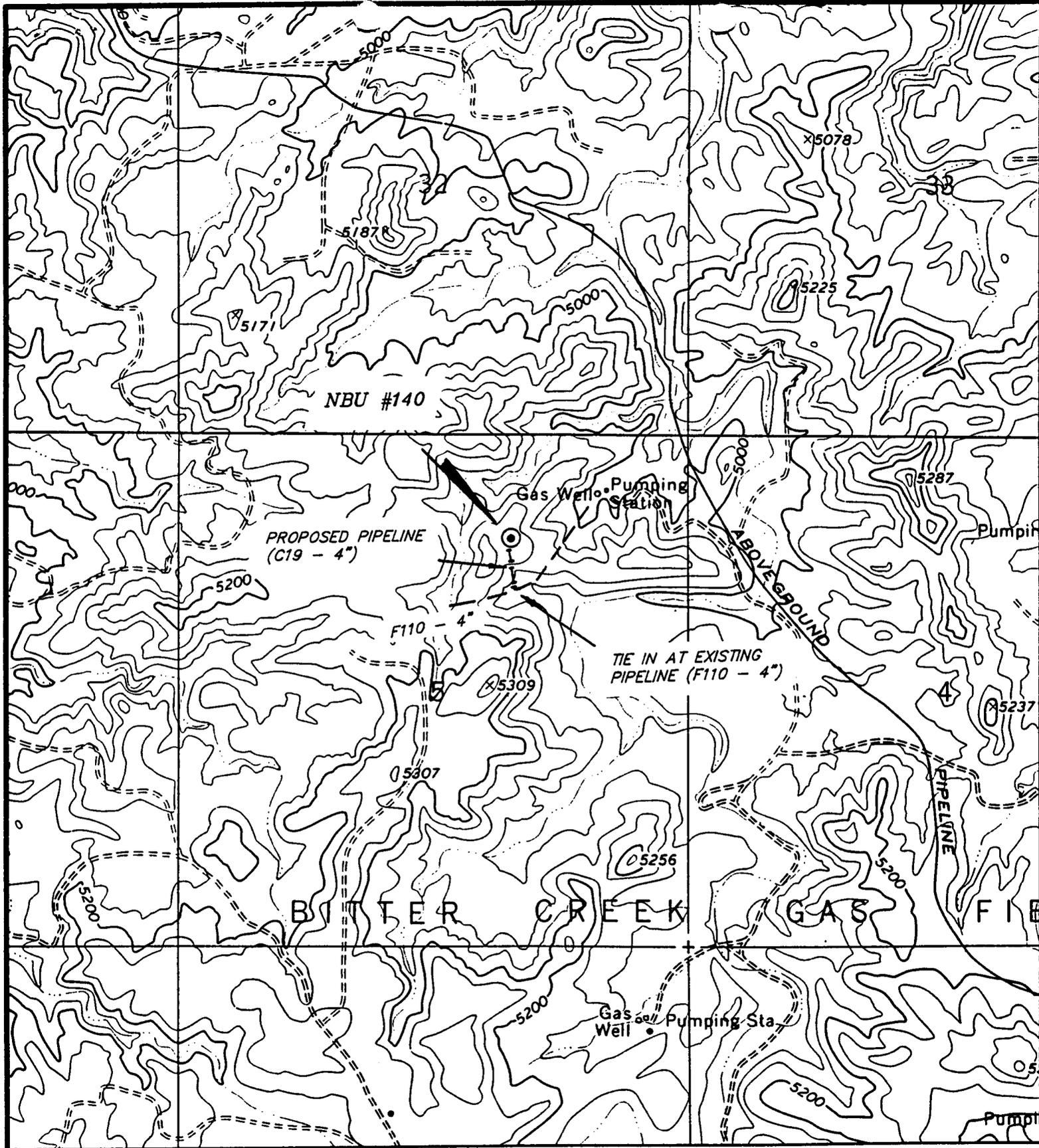
(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:



**TOTAL PIPELINE SLOPE DISTANCE = 498'**

**TOPOGRAPHIC  
MAP**

LEGEND

- EXISTING PIPELINE
- +++++ Proposed Pipeline



**COASTAL OIL & GAS CORP.**

PROPOSED PIPELINE RIGHT-OF-WAY FOR  
NBU #140  
SECTION 5, T10S, R22E, S.L.B.&M.

DATE 9-26-91



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Bureau Form 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.  
UTU-01191-A

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

SUBMIT IN TRIPLICATE

7. If Unit or L.A. Agreement Designation  
Natural Buttes Unit

8. Well Name and No.

NBU #140

9. API Well No.

43-047-31947

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

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)

1031' FNL & 1879' FEL  
Section 5, T10S-R22E

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

TYPE OF SUBMISSION

- Notice of Interest
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recommendation
- Plugging Back
- Casing Repair
- Altering Casing
- Other Pipeline R-0-W
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

(Note: Report results of measurements on Well Completion or Abandonment Report and Log form.)

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

Coastal Oil & Gas Corporation requests a right-of-way to install a 4" gas pipeline from the NBU #140 gas well and tie into the existing gas pipeline. This right-of-way will be located in Section 5, T10S-R22E within lease #UTU-01191-A and within the Natural Buttes Unit boundaries. Coastal requests a 30' width easement with a total slope distance of ±985'. There will be minimum surface disturbance as the pipeline will be laid on the surface. Please see the attached topographic map which illustrates this proposed right-of-way.

REVISED

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 3-9-92  
BY: J.A. Matthews

RECEIVED

NOV 13 1991

DIVISION OF  
OIL GAS & MINING

REVISED 11/12/91

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

Signed: *William K. Smith*

Title: Regulatory Analyst

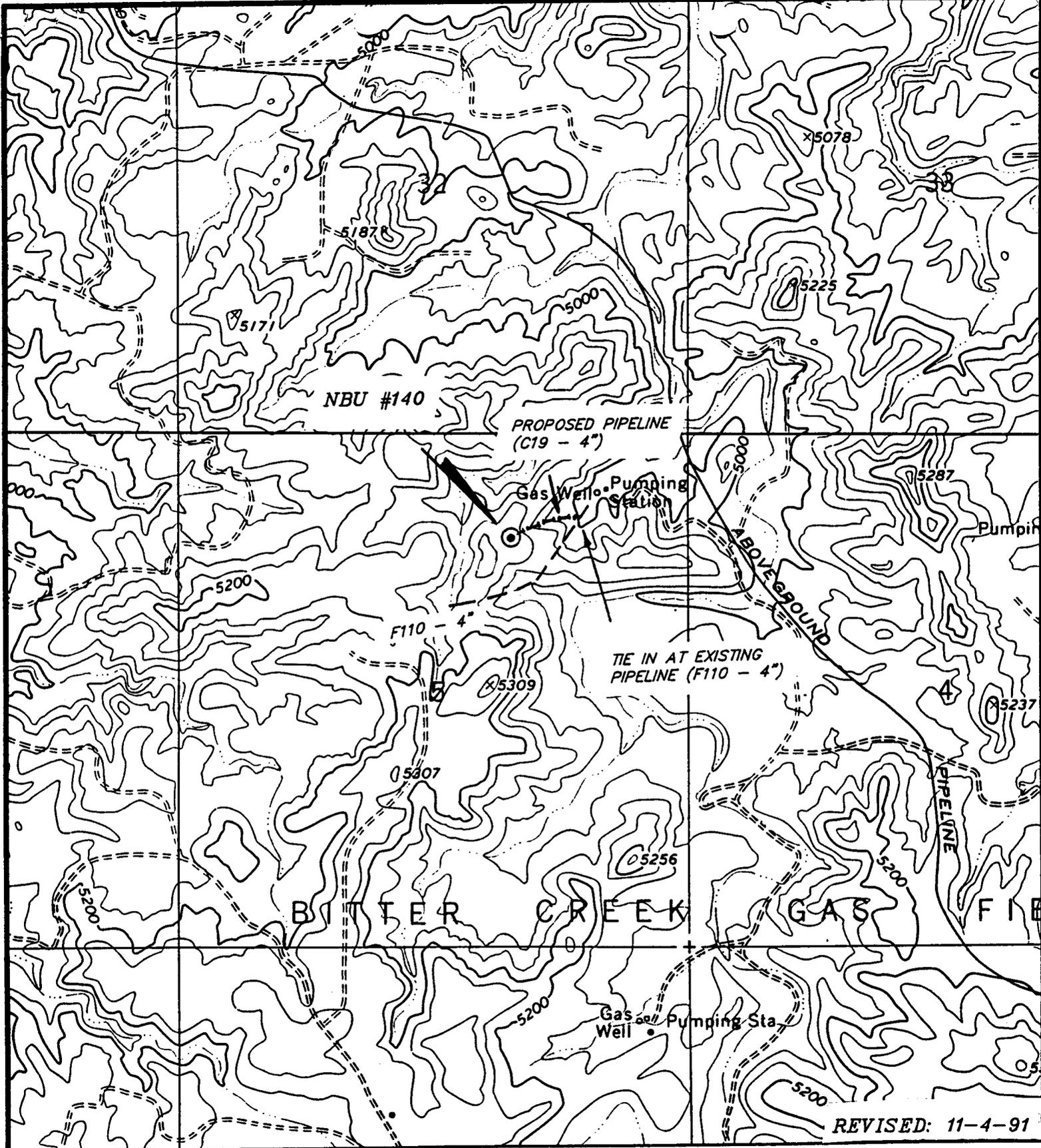
Date: 10/4/91

(This space for Federal or State Office Use)

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

Title: \_\_\_\_\_

Date: \_\_\_\_\_



**TOTAL PIPELINE SLOPE DISTANCE = 985'**

**TOPOGRAPHIC  
MAP**

LEGEND

- EXISTING PIPELINE
- · - · - · Proposed Pipeline



**COASTAL OIL & GAS CORP.**

PROPOSED PIPELINE RIGHT-OF-WAY FOR  
NBU #140  
SECTION 5, T10S, R22E, S.L.B.&M.  
DATE 9-26-91

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. UTU-01191A
2. Name of Operator Coastal Oil & Gas Corporation	6. If Indian, Allottee or Tribe Name N/A
3. Address and Telephone No. P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476	7. If Unit or CA, Agreement Designation Natural Buttes Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1031' FNL & 1879' FEL Section 5, T10S-R22E	8. Well Name and No. NBU #140
	9. API Well No. 43-047-31947
	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 <u>Report of 1st Sales</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 markers and zones pertinent to this work.)\*

The above referenced well was connected to CIG's gas salesline and first sales occurred @ 1:15 p.m., 12/6/91, with a rate of 1100 MCFD, FTP 1920 psi, SICP 1919 psi on 6/64" choke.

**RECEIVED**

JAN 27 1992

DIVISION OF  
OIL GAS & MINING

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

Signed *Dennis Doy* Title Regulatory Analyst Date 1/22/92

(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

**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)  
 1031' FNL & 1879' FEL  
 Section 5, T10S-R22E

5. Lease Designation and Serial No.  
 UTU-01191A

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

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

8. Well Name and No.  
 NBU #140

9. API Well No.  
 43-047-31947

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 type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Fracture Treatment</u>	<input type="checkbox"/> Dispose Water

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

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

Please see the attached chronological history for the fracture treatment procedure performed on the above referenced well.

**RECEIVED**

FEB 26 1992

DIVISION OF  
OIL GAS & MINING

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

Signed [Signature] Title Regulatory Analyst Date 2/20/92

(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.

THE COASTAL CORPORATION  
PRODUCTION REPORT

RECEIVED

FEB 26 1992

CHRONOLOGICAL HISTORY

DIVISION OF  
OIL GAS & MINING  
Page 4

NBU #140  
NW/NE SECTION 5-T10S-R22E  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
WI: 100% COGC     AFE: 13054

- 12/17/91     Flow back after frac. RU Western. Fracture treat Wasatch perfs @ 4853'-5929' (19 holes) w/151,000 gals 35# CMHPG frac fluid w/30% CO<sub>2</sub> & 264,000# 20/40 mesh sand. Drop 9 - 7/8" 1.1 BS's to stage. ATP 3400 psi, AIR 30 BPM. ISIP 1780 psi, 15 min 1670 psi. DC: \$98,550     TC: \$507,338
- 12/18/91     Flwg 800 MCFD CO<sub>2</sub>, FTP 1050 psi, CP 1150 psi, 14/64" chk, 10 BWPH.
- 12/19/91     Flwg 500 MCFD CO<sub>2</sub>, FTP 750 psi, CP 950 psi, 14/64" chk, 20 BWPD.
- 12/20/91     Flwg 800 MCFD CO<sub>2</sub>, FTP 700 psi, CP 850 psi, 14/64" chk, 1t mist.
- 12/21/91     Flwg 500 MCFD CO<sub>2</sub>, FTP 875 psi, CP 850 psi, 14/64' chk, 5 BWPH.
- 12/22/91     Flwg 900 MCFD CO<sub>2</sub>, FTP 1000 psi, CP 950 psi, 14/64" chk, 20 BWPD.
- 12/23/91     Flwg 900 MCFD CO<sub>2</sub>, FTP 1000 psi, CP 850 psi, 14/64" chk, 5 BWPH.
- 12/24/91     Flwg 900 MCFD CO<sub>2</sub>, FTP 1000 psi, CP 950 psi, 14/64" chk, 20 BWPD.
- 12/25/91     Flwg 960 MCFD CO<sub>2</sub>, FTP 1150 psi, CP 900 psi, 14/64" chk, 7-10 BWPH.
- 12/26/91     Flwg 920 MCFD CO<sub>2</sub>, FTP 1100 psi, CP 850 psi, 14/64" chk, 4 BWPH.
- 12/27/91     Flwg 800 MCFD CO<sub>2</sub>, FTP 1100 psi, CP 800 psi, 14/64" chk, 5 BWPH.
- 12/28/91     Flwg 800 MCFD CO<sub>2</sub>, FTP 1050 psi, CP 800 psi, 14/64" chk, 5 BWPH.
- 12/29/91     Flwg 600 MCFD CO<sub>2</sub>, FTP 825 psi, CP 800 psi, 14/64" chk, 5 BWPH.
- 12/30/91     Flwg 600 MCFD CO<sub>2</sub>, FTP 800 psi, CP 800 psi, 14/64" chk, 5 BWPH.
- 12/31/91     Flwg 500 MCFD CO<sub>2</sub>, FTP 750 psi, CP 755 psi, 14/64" chk, 3 BWPH.
- 1/1/92         Flwg 900 MCFD CO<sub>2</sub>, FTP 750 psi, CP 750 psi, 14/64" chk, 3 BWPH.
- 1/2/92         SI, WOPLC. Flwd 1100 MCFD, FTP 750 psi, CP 750 psi, 16/64" chk, dry gas.
- 1/14/92       SI, WOPLC. MIRU PLS. Ran fluid entry surveys. Logs indicated wtr production from perfs 5396'-5405'. RDMO PLS. Drop from report. DC: \$4,020     TC: \$511,358

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

APR 17 1992

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

SUNDRY NOTICES AND REPORTS ON WELLS OIL GAS & MINING

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

SUBMIT IN TRIPLICATE

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
 Coastal Oil & Gas Corporation

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

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

5. Lease Designation and Serial No.  
 See Attached List

6. If Indian, Allottee or Tribe Name  
 See Attached List

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

8. Well Name and No.  
 See Attached List

9. API Well No.  
 See Attached List

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 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 NTL 2B; IV
	<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.)

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

- 1) These wells are completed in the Wasatch formation and produce less than 5 barrels of water per day on a monthly basis.
- 2) Two unlined pits per location will be used due to the size and layout of the locations: 40' x 40' x 8' and 6' x 6' x 6' deep with berms surrounding them. Each pit will be fenced and will have 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" per year.
- 4) The estimated percolation rate based on the soil characteristics under and adjacent to the pits is 2-6" per hour.
- 5) The depth of usable water aquifers in this area is approximately 1500'.

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

Signed Eileen Danni Dey Title Regulatory Analyst Date 4/14/92

(This space for Federal or State office use)

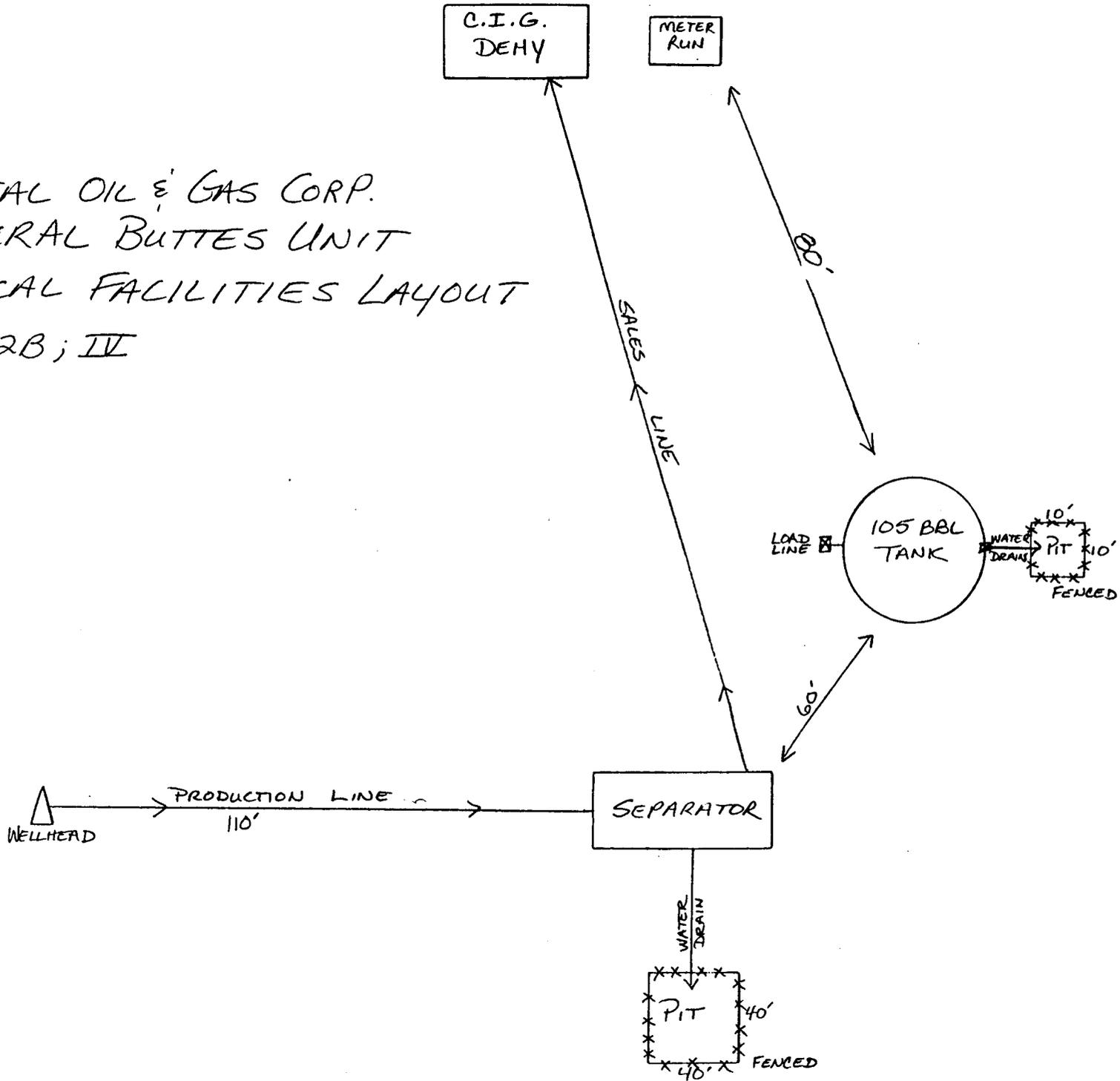
Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any: \_\_\_\_\_

Accepted by the State  
of Utah Division of  
Oil, Gas and Mining  
Date: 4-29-92

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.

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



13-Apr-92

NATURAL BUTTES

UINTAH COUNTY, UTAH

WELL #	LOCATION QUAD SEC TWP	RGE	STATE OR BLM LEASE #	SURFACE	API NUMBER
NBU #103	SENW 10 9	21	U-0141315	UTE	43-047-31956
NBU #104	SENE 16 9	21	ST ML-3282	UTE	43-047-31957
NBU #105	SWSW 17 9	21	U-0575	UTE	43-047-31955
NBU #106	NESW 21 9	21	U-0576	UTE	43-047-31946
NBU #107	SENW 26 9	21	ST ML-01194	STATE	43-047-31916
NBU #108	SESE 19 9	22	U-0284	UTE	43-047-31958
NBU #109	SENE 27 9	21	ST U-01194-A	STATE	43-047-31917
NBU #110	NENE 28 9	21	U-0576	FED.	43-047-31924
NBU #111	SWNW 25 9	21	ST U-01194	STATE	43-047-31920
NBU #112	SESE 33 9	22	U-01191	FED.	43-047-31930
NBU #113	SESE 34 9	22	U-0149077	FED.	43-047-31931
NBU #114	SWSW 5 10	21	U-01393-D	FED.	43-047-31923
NBU #115	NENW 10 10	21	U-0149079	FED.	43-047-31929
NBU #116	NWNW 6 10	22	U-464	FED.	43-047-31925
NBU #117	NENE 10 10	22	ST UT-01197-A	STATE	43-047-31914
NBU #118	SENE 22 9	20	U-0577-B	UTE	43-047-31969
NBU #119	SENW 22 9	20	U-0577-B	UTE	43-047-31973
NBU #120	NWNW 10 9	21	U-0141315	UTE	43-047-31972
NBU #121	NWNE 13 9	21	U-01193	UTE	43-047-
NBU #122	SWSE 13 9	21	U-01193	UTE	43-047-32085
NBU #123	NWNW 15 9	21	U-01188	UTE	43-047-31974
NBU #124	NWNE 16 9	21	ST ML-3282	UTE	43-047-31971
NBU #125	NESE 17 9	21	U-0575	UTE	43-047-32090
NBU #126	NENW 21 9	21	U-0576	UTE	43-047-31962
NBU #127	SWNW 21 9	21	U-0576	UTE	43-047-31963
NBU #128	SWSW 21 9	21	U-0576	UTE	43-047-31964
NBU #129	SENE 22 9	21	U-010950-A	UTE	43-047-31965
NBU #130	SWNW 22 9	21	U-0147566	UTE	43-047-31967
NBU #131	NWSW 23 9	21	U-0149075	UTE	43-047-31966
NBU #132	NWNW 26 9	21	ST U-01194	STATE	43-047-31938
NBU #133	SWNE 28 9	21	U-0576	FED.	43-047-31950
NBU #134	SWSW 28 9	21	U-0576	FED.	43-047-32011
NBU #135	NESE 18 9	22	U-461	UTE	43-047-32089
NBU #136	SWSE 19 9	22	U-0284	UTE	43-047-31968
NBU #137	SESE 30 9	22	ST ML-22935	STATE	43-047-31939
NBU #138A	SENE 33 9	22	U-01191-A	FED.	43-047-32151
NBU #139	SWNE 14 10	21	U-465	FED.	43-047-31948
NBU #140	NWNE 5 10	22	U-01191A	FED.	43-047-31947
NBU #141	SENW 6 10	22	U-464	FED.	43-047-32017
NBU #142	NESE 10 10	22	U-025187	FED.	43-047-32013
NBU #143	NWNE 10 9	21	U-0141315	UTE	43-047-32088
NBU #144	NWNW 23 9	21	U-0149075	UTE	43-047-32044
NBU #145	NWNE 27 9	21	ST U-01194-A	STATE	43-047-31976
NBU #146	SWNW 14 10	21	U-465	FED.	43-047-31985
NBU #147	NWSW 4 10	22	U-01191	FED.	43-047-31984
NBU #148	SESW 4 10	22	U-01191	FED.	43-047-31983
NBU #149	NESE 5 10	22	U-01191	FED.	43-047-31982
NBU #150	SENW 9 10	22	U-01196-B	FED.	43-047-31992
NBU #151	NWNW 9 10	22	U-01196-B	FED.	43-047-31991
NBU #152	SESE 9 10	22	U-01196-D	FED.	43-047-31990
NBU #153	SWNW 11 10	22	ST U-01197-A	STATE	43-047-31975
NBU #154	NWSE 26 9	21	ST ML-22934	STATE	43-047-32003
NBU #155	SENW 31 9	22	ST ML-23607	STATE	43-047-32004
NBU #156	SWNW 35 9	21	ST U-01194	STATE	43-047-32005
NBU #157	SESW 32 9	22	ST ML-22649	STATE	43-047-32007
NBU #158	NWSE 27 9	21	ST U-01194-A	STATE	43-047-31997
NBU #159	NESW 35 9	21	ST U-01194	STATE	43-047-31996
NBU #160	SESW 31 9	22	ST ML-22935-A	STATE	43-047-32006
NBU #161	SESE 32 9	22	ST ML-22649	STATE	43-047-32023
NBU #162	SENW 12 10	20	U-4478	FED.	43-047-32066
NBU #163	NENW 14 10	21	U-465	FED.	43-047-32069
NBU #164	NWSE 3 10	22	U-01191-A	FED.	43-047-32055
NBU #165	NENW 3 10	22	U-01191	FED.	43-047-32057
NBU #166	SWSE 28 9	21	U-0576	FED.	43-047-32065
NBU #167	SESW 25 9	21	ST U-01194	STATE	43-047-32054
NBU #168	NWSW 12 10	20	U-4478	FED.	43-047-32117
NBU #169	SESW 12 10	20	U-4478	FED.	43-047-32118

13-Apr-92

NATURAL BUTTES

UINTAH COUNTY, UTAH

WELL #	LOCATION QUAD SEC TWP RGE	STATE OR BLM LEASE #	SURFACE	API NUMBER
NBU #170	NWNW 4 10 22	U-01191-A	FED.	43-047-32169
NBU #171	SENE 5 10 22	U-01191-A	FED.	43-047-32115
NBU #172	NENE 19 9 22	U-0284	UTE	43-047-32194
NBU #173	NWNE 33 9 22	U-01191-A	FED.	43-047-32116
NBU #174	NWNW 11 9 21	U-0141315	UTE	43-047-32193
NBU #175	NENW 28 9 21	U-0576	FED.	43-047-32143
NBU #176	SWNW 28 9 21	U-0576	FED.	43-047-32144
NBU #177	NESE 29 9 21	U-0581	FED.	43-047-32112
NBU #178	NWNE 30 9 21	U-0581	FED.	43-047-32121
NBU #179	SWSW 10 10 21	U-01416-A	FED.	43-047-32145
NBU #180	SWSE 10 10 22	U-025187	FED.	43-047-32113
NBU #181	SESW 9 9 21	U-0576	UTE	43-047-32161
NBU #182	SENW 11 9 21	U-0141315	UTE	43-047-32162
NBU #183 ✓	SWNW 27 9 21	ST U-01194-A	STATE	43-047-32122
NBU #184	SESW 30 9 22	U-463	FED.	43-047-32170
NBU #185	SWNE 3 10 22	U-01191-A	FED.	43-047-32171
NBU #186	SENE 30 9 22	U-463	FED.	43-047-
NBU #187	SESW 34 9 22	U-0149077	FED.	43-047-
NBU #188	SWSW 10 10 22	U-01196-C	FED.	43-047-
NBU #189	SESW 23 9 21	U-0149075	UTE	43-047-
NBU #190 ✓	NWNE 26 9 21	ST U-01194	STATE	43-047-
CIGE 110-7-9-21	SWSE 7 9 21	U-0575-B	UTE	43-047-31959
CIGE 111-13-9-21	SESW 13 9 21	U-01193	UTE	43-047-31954
CIGE 112-19-9-21	SESE 19 9 21	U-0581	UTE	43-047-31945
CIGE 113-21-9-21	SWNE 21 9 21	U-0576	UTE	43-047-31944
CIGE 114-34-9-21 ✓	NESE 34 9 21	ST U-01194-A	STATE	43-047-31915
CIGE 115-35-9-21 ✓	NWNE 35 9 21	ST ML-22582	STATE	43-047-31918
CIGE 116-29-9-22 ✓	NWSW 29 9 22	ST ML-22935	STATE	43-047-31919
CIGE 117-34-9-22	SWNW 34 9 22	U-0149077	FED.	43-047-31928
CIGE 118-35-9-22	NESE 35 9 22	U-010954A	FED.	43-047-32025
CIGE 119-15-10-21	NENE 15 10 21	U-01416-A	FED.	43-047-31927
CIGE 120-15-9-20	SENE 15 9 20	U-0144868	UTE	43-047-32032
CIGE 121-15-9-20	NWNE 15 9 20	U-0144868	UTE	43-047-32031
CIGE 122-7-9-21	NENE 7 9 21	U-0149767	UTE	43-047-32098
CIGE 123-7-9-21	SWNE 7 9 21	U-0575-B	UTE	43-047-32047
CIGE 124-9-9-21	NWSE 9 9 21	U-01188	UTE	43-047-32045
CIGE 125-13-9-21	NWNW 13 9 21	U-01193	UTE	43-047-32084
CIGE 126-13-9-21	NWSW 13 9 21	U-01193	UTE	43-047-32087
CIGE 127-16-9-21	NESW 16 9 21	ST ML-3141	UTE	43-047-32036
CIGE 128-18-9-21	NENE 18 9 21	U-0575	UTE	43-047-32046
CIGE 129-18-9-21	NENW 18 9 21	U-0581	UTE	43-047-32043
CIGE 130-19-9-21	NENE 19 9 21	U-0581	UTE	43-047-32030
CIGE 131-19-9-21	SWNE 19 9 21	U-0581	UTE	43-047-32029
CIGE 132-20-9-21	NWSW 20 9 21	U-0575	UTE	43-047-32028
CIGE 133-35-9-21 ✓	SWSE 35 9 21	ST ML-22582	STATE	43-047-31978
CIGE 134-1-10-20	SWSW 1 10 20	U-02270-A	FED.	43-047-31989
CIGE 135-3-10-21	SWSW 3 10 21	U-0149078	FED.	43-047-32001
CIGE 136-4-10-21 ✓	SWNE 4 10 21	ST ML-22940	STATE	43-047-31979
CIGE 137-6-10-21	SENE 6 10 21	U-01791	FED.	43-047-31988
CIGE 138A-6-10-21	SENW 6 10 21	U-01791	FED.	43-047-31987
CIGE 139-10-10-21	SWNE 10 10 21	U-0149079	FED.	43-047-31986
CIGE 140-16-10-21 ✓	NENE 16 10 21	ST ML-10755	STATE	43-047-31977
CIGE 141-7-10-22 ✓	NWNE 7 10 22	ST ML-23609	STATE	43-047-31970
CIGE 142-25-9-21 ✓	SENE 25 9 21	ST U-01189	STATE	43-047-31994
CIGE 143-34-9-21 ✓	SWNE 34 9 21	ST U-01194-A	STATE	43-047-31995
CIGE 144-2-10-22 ✓	SWNE 2 10 22	ST ML-22651	STATE	43-047-32022
CIGE 145-29-9-22 ✓	SENW 29 9 22	ST ML-22935	STATE	43-047-31993
CIGE 146-16-10-21 ✓	NWNE 16 10 21	ST ML-10755	STATE	43-047-32021
CIGE 147-36-9-22 ✓	SESW 36 9 22	ST ML-22650	STATE	43-047-32020
CIGE 148-31-9-22 ✓	NWNE 31 9 22	ST ML-22935-A	STATE	43-047-32024
CIGE 149-8-10-21	NWNE 8 10 21	U-01791	FED.	43-047-32056
CIGE 150-9-10-21	SWNE 9 10 21	U-01416	FED.	43-047-32058
CIGE 151-10-10-21	SWSE 10 10 21	U-0149079	FED.	43-047-32059
CIGE 152-33-9-22	SESW 33 9 22	U-01191-A	FED.	43-047-32068
CIGE 153-35-9-22	SESW 35 9 22	U-010954-A	FED.	43-047-32067
CIGE 154-13-10-20	NWNW 13 10 20	U-4485	STATE	43-047-32119
CIGE 155-9-9-21	SENE 9 9 21	U-01188-B	UTE	43-047-32157

13-Apr-92

NATURAL BUTTES

UINTAH COUNTY, UTAH

WELL #	LOCATION				STATE OR BLM		API NUMBER
	QUAD	SEC	TWP	RGE	LEASE #	SURFACE	
CIGE 156-16-9-21	NESE	16	9	21	ST ML-3282	UTE	43-047-32195
CIGE 157-16-9-21	SWNW	16	9	21	U-38409	UTE	43-047-32160
CIGE 158-21-9-21	NESE	21	9	21	U-0576	UTE	43-047-32158
CIGE 159-6-10-21	NWNE	6	10	21	U-01791	FED.	43-047-32120
CIGE 160-14-10-21	SWSE	14	10	21	U-01393-C	FED.	43-047-32124
CIGE 161-2-10-22 ✓	SESE	2	10	22	ST ML-22651	STATE	43-047-32168
CIGE 162-36-9-22 ✓	SESE	36	9	22	ST ML-22650	STATE	43-047-32164
CIGE 163-15-9-21	SENE	15	9	21	U-01193	UTE	43-047-32192
CIGE 164-34-9-22	NWNE	34	9	22	U-0149077	FED.	43-047-32141
CIGE 165-1-10-20	SWNW	1	10	20	U-02270-A	FED.	43-047-32114
CIGE 166-3-10-21	NENW	3	10	21	U-0149078	FED.	43-047-32172
CIGE 167-7-10-21	NENE	7	10	21	U-01791	FED.	43-047-32142
CIGE 168-16-10-21 ✓	NWSE	16	10	21	ST ML-10755	STATE	43-047-32123
CIGE 169-2-10-21 ✓	SENW	2	10	21	ST ML-22652	STATE	43-047-

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial Number:

UTU-01191-A

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Natural Buttes Unit

8. Well Name and Number:

NBU #140

9. API Well Number:

43-047-31947

10. Field and Pool, or Wildcat:

Natural Buttes

1. Type of Well: OIL  GAS  OTHER:

2. Name of Operator:

Coastal Oil & Gas Corporation

3. Address and Telephone Number:

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

4. Location of Well

Footages: 1031' FNL & 1879' FEL

QQ, Sec., T., R., M.: NW/NE Section 5, T10S-R22E

County: Uintah

State: Utah

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

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

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other \_\_\_\_\_
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

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

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

- Abandonment \*
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other Annual Status Report
- New Construction
- Pull or Alter Casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Date of work completion \_\_\_\_\_

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

\* Must be accompanied by a cement verification report.

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

The above referenced well is shut-in. A water shut-off procedure is anticipated to be performed on this well.

**RECEIVED**

FEB 16 1993

DIVISION OF  
OIL, GAS & MINING

13.

Name & Signature:

*Eileen Danni Dey*  
Eileen Danni Dey

Title: Regulatory Analyst

Date: 2/11/93

(This space for State use only)

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-01191A

6. Indian, Allottee or Tribe Name  
N/A

7. If Unit or CA Agreement Designation  
Natural Buttes Unit

8. Well Name and No.  
NBU #140

9. API Well No.  
43-047-31947

10. Field and Pool, or Exploratory Area  
Natural Buttes

11. County or Parish, State  
Uintah County, UT

SUBMIT IN TRIPLICATE

Type of Well  
 Oil Well  
 Gas Well  
 Other

2. Name of Operator  
Coastal Oil & Gas Corporation

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

3. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1,031' FNL & 1,879' FEL (NW/NE)  
Sec. 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 NTL 2B
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

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 requests permission to install a 400-BBL tank for produced water on the above-referenced well. The produced water will then be hauled off location to an approved disposal pit or disposal well.

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

Date: 7/28/93

By: [Signature]

RECEIVED

JUL 22 1993

DIVISION OF  
OIL, GAS & MINING

4. I hereby certify that the foregoing is true and correct.  
Signed [Signature] Title Regulatory Analyst Date 7/20/93-mar

(This space for Federal or State office use)  
Approved by Federal Approval of this Title Conditions of approval, if any: Action is Necessary Date

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: 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.

UTU-01191-A

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

NBU #140

9. API Well No.

43-047-31947

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) 573-4486

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

1031' FNL & 1879' FEL (NW/NE)  
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
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

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

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

Please see the attached water shut-off procedure performed on the subject well.  
The work was performed May 18-20, 1993.

**RECEIVED**

OCT 04 1993

DIVISION OF  
OIL, GAS & MINING

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

Signed [Signature] Title Production Superintendent Date 10/1/93

(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.

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

NBU #140  
NW/NE SECTION 5-T10S-R22E  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
WI: 100% COGC AFE: 13054

Page 4

- 12/25/91 Flwg 960 MCFD CO<sub>2</sub>, FTP 1150 psi, CP 900 psi, 14/64" chk, 7-10 BWPH.
- 12/26/91 Flwg 920 MCFD CO<sub>2</sub>, FTP 1100 psi, CP 850 psi, 14/64" chk, 4 BWPH.
- 12/27/91 Flwg 800 MCFD CO<sub>2</sub>, FTP 1100 psi, CP 800 psi, 14/64" chk, 5 BWPH.
- 12/28/91 Flwg 800 MCFD CO<sub>2</sub>, FTP 1050 psi, CP 800 psi, 14/64" chk, 5 BWPH.
- 12/29/91 Flwg 600 MCFD CO<sub>2</sub>, FTP 825 psi, CP 800 psi, 14/64" chk, 5 BWPH.
- 12/30/91 Flwg 600 MCFD CO<sub>2</sub>, FTP 800 psi, CP 800 psi, 14/64" chk, 5 BWPH.
- 12/31/91 Flwg 500 MCFD CO<sub>2</sub>, FTP 750 psi, CP 755 psi, 14/64" chk, 3 BWPH.
- 1/1/92 Flwg 900 MCFD CO<sub>2</sub>, FTP 750 psi, CP 750 psi, 14/64" chk, 3 BWPH.
- 1/2/92 SI, WOPLC. Flwd 1100 MCFD, FTP 750 psi, CP 750 psi, 16/64" chk, dry gas.
- 1/14/92 SI, WOPLC. MIRU PLS. Ran fluid entry surveys. Logs indicated wtr production from perfs 5396'-5405'. RDMO PLS. Drop from report.  
DC: \$4,020 TC: \$511,358
- 5/18/93 Prep to CO SD. MIRU Well Tech rig #565. Killed well w/160 bbls 3% KCl wtr. ND WH, NU BOP. POH w/tbg. RIH w/4-3/4" mill and tbg. Tag fill at 5792' (bottom perf 5929'). PU mill above perfs (pull 75 stds). SDFN. CC: \$4070.
- 5/19/93 Prep to swab. RIH w/tbg and mill, tag fill at 4788'. RU power swivel. CO frac sand from 4788' to PBTD @ 5963'. POH w/tbg and mill. PU and RIH w/shear out sub, R nipple, 10' x 2-3/8" tbg pup, Lynes prod-inj pkr, 5 jts 2-3/8" tbg (158'), Lynes prod-inj pkr, on/off tool and 2-3/8" tbg. Set btm PIP at 5515', top PIP @ 5345'. End of tail below pkrs at 5532'. LD 18 jts tbg. Land tbg w/bottom of on/off at 4784'. SN 1 jt above 153 jts tbg and 10' blast jt on top. ND BOP, NU wellhead. SDFN. CC: \$17,750.
- 5/20/93 Flow testing. SITP 125, SICP 300. Open well to pit at 7 a.m. Well kicked off, start testing on 20/64" chk at 9 a.m. RDMO Well-Tech rig #565. @ 2:00 p.m. FTP 550, SICP 650, 20/64" chk, 1.0 MMCFD, 2-3 BWPH. CC: \$18,780.

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.

UTU-01191-A

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

NBU #140

9. API Well No.

43-047-31947

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

SUBMIT IN TRIPLICATE

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) 573-4486

Location of Well (Fontage, Sec., T., R., M., or Survey Description)  
1031' FNL & 1879' FEL (NW/NE)  
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
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

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

Please see the attached water shut-off procedure performed on the subject well.  
The work was performed May 13-20, 1993.

RECEIVED

OCT 12 1993

DIVISION OF  
OIL, GAS & MINING

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

Signed [Signature] Title Production Superintendent

Date 10/1/93

(This space for Federal or State office use)

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

Title \_\_\_\_\_

Date \_\_\_\_\_

Tax credit 10/29/93

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\*See instruction on Reverse Side

THE COASTAL CORPORATION  
PRODUCTION REPORT

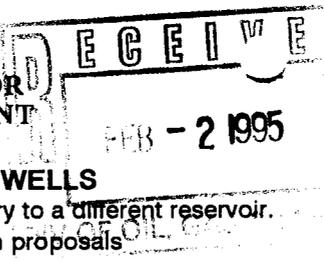
CHRONOLOGICAL HISTORY

NBU #140  
NW/NE SECTION 5-T10S-R22E  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
WI: 100% COGC AFE: 13054

Page 4

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- 12/27/91 Flwg 800 MCFD CO<sub>2</sub>, FTP 1100 psi, CP 800 psi, 14/64" chk, 5 BWPH.
- 12/28/91 Flwg 800 MCFD CO<sub>2</sub>, FTP 1050 psi, CP 800 psi, 14/64" chk, 5 BWPH.
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- 5/19/93 Prep to swab. RIH w/tbg and mill, tag fill at 4788'. RU power swivel. CO frac sand from 4788' to PBDT @ 5963'. POH w/tbg and mill. PU and RIH w/shear out sub, R nipple, 10' x 2-3/8" tbg pup, Lynes prod-inj pkr, 5 jts 2-3/8" tbg (158'), Lynes prod-inj pkr, on/off tool and 2-3/8" tbg. Set btm PIP at 5515', top PIP @ 5345'. End of tail below pkrs at 5532'. LD 18 jts tbg. Land tbg w/bottom of on/off at 4784'. SN 1 jt above 153 jts tbg and 10' blast jt on top. ND BOP, NU wellhead. SDFN. CC: \$17,750.
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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-01191A

6. If Indian, Alottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

NBU #140

9. API Well No.

43-047-31947

10. Field and Pool, Or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, UT

**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)

1031' FNL & 1879' FEL

NW/NE 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 Remove Pkrs/Install S. Strng

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 chronological history for work performed to remove pkrs and install a siphon string in the subject well.

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

Signed N.O. Shiflett Title District Drilling Manager Date 01/31/95  
N.O. Shiflett

(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.

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

NBU #140  
NW/NE SECTION 5-T10S-R22E  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
WI: 100% COGC AFE: 13054

Page 4

12/25/91 Flwg 960 MCFD CO<sub>2</sub>. FTP 1150 psi. CP 900 psi. 14/64" chk. 7-10 BWPB.  
12/26/91 Flwg 920 MCFD CO<sub>2</sub>. FTP 1100 psi. CP 850 psi. 14/64" chk. 4 BWPB.  
12/27/91 Flwg 800 MCFD CO<sub>2</sub>. FTP 1100 psi. CP 800 psi. 14/64" chk. 5 BWPB.  
12/28/91 Flwg 800 MCFD CO<sub>2</sub>. FTP 1050 psi. CP 800 psi. 14/64" chk. 5 BWPB.  
12/29/91 Flwg 600 MCFD CO<sub>2</sub>. FTP 825 psi. CP 800 psi. 14/64" chk. 5 BWPB.  
12/30/91 Flwg 600 MCFD CO<sub>2</sub>. FTP 800 psi. CP 800 psi. 14/64" chk. 5 BWPB.  
12/31/91 Flwg 500 MCFD CO<sub>2</sub>. FTP 750 psi. CP 755 psi. 14/64" chk. 3 BWPB.  
1/1/92 Flwg 900 MCFD CO<sub>2</sub>. FTP 750 psi. CP 750 psi. 14/64" chk. 3 BWPB.  
1/2/92 SI. WOPLC. Flwd 1100 MCFD. FTP 750 psi. CP 750 psi. 16/64" chk. dry gas.  
1/14/92 SI. WOPLC. MIRU PLS. Ran fluid entry surveys. Logs indicated wtr production from perfs 5396'-5405'. RDMO PLS. Drop from report.  
DC: \$4,020 TC: \$511,358

5/18/93 Prep to CO SD. MIRU Well Tech rig #565. Killed well w/160 bbls 3% KCl wtr. ND WH. NU BOP. POH w/tbg. RIH w/4-3/4" mill and tbg. Tag fill at 5792' (bottom perf 5929'). PU mill above perfs (pull 75 stds). SDFN. CC: \$4070.

5/19/93 Prep to swab. RIH w/tbg and mill. tag fill at 4788'. RU power swivel. CO frac sand from 4788' to PBD @ 5963'. POH w/tbg and mill. PU and RIH w/shear out sub. R nipple. 10' x 2-3/8" tbg pup. Lynes prod-inj pkr. 5 jts 2-3/8" tbg (158'). Lynes prod-inj pkr. on/off tool and 2-3/8" tbg. Set btm PIP at 5515'. top PIP @ 5345'. End of tail below pkrs at 5532'. LD 18 jts tbg. Land tbg w/bottom of on/off at 4784'. SN 1 jt above 153 jts tbg and 10' blast jt on top. ND BOP. NU wellhead. SDFN. CC: \$17,750.

5/20/93 Flow testing. SITP 125. SICP 300. Open well to pit at 7 a.m. Well kicked off. start testing on 20/64" chk at 9 a.m. RDMO Well-Tech rig #565. @ 2:00 p.m. FTP 550. SICP 650. 20/64" chk. 1.0 MMCFD. 2-3 BWPB. CC: \$18,780.

---

(Remove pkrs. siphon string)

2/11/94 PO: RIH w/over shot & jars. MIRU. Kill well w/3% KCl wtr. ND WH. NU BOP. RIH w/18 jts tbg washed dn 6" got on on/off tool. Deflated flatable pkrs. Pulled pkrs up 4' 10". could not go up or down any farther. Rls on/off tool POOH. PU & RIH w/over shot. bumper sub. jars. 6 3-1/3" drill collars & 66 std. 2-3/8" tbg. SDFN.  
DC: \$4,810 TC: \$4,810

2/12/94 PO: Prep to RIH w/wash pipe. RIH w/overshot 4-5/8" OD. Could not get below 4830'. POOH & RIH w/4-1/8" overshot caught fish @ 5335'. jarred 5 times. Mandrel in pkr prtd 4" above top of rubber. POOH. Rec top housing above rubber & 3-1/2" of mandrel. SDFN.

*148-325  
Some items not in file*

DC: \$5.060

TC: \$9.870

NBU #140  
NW/NE SECTION 5-T10S-R22E  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
WI: 100% COGC  
C\$: (M)

Page 5

2/15/94 PO: Wash over pkr @ 5338'. SICP 12000. SITP 1150. Mill well w/100 bbls 3% KCl. RIH w/8-1/2' of 4-1/2" OD wash pipe, bumper, sub. jars & 6 - 3-1/2" DC. RU. mill swb from 4830' - 50', wash over pkr 5337' - 38'.  
DC: \$7,100 TC: \$16,960

2/16/94 PO: SD rig for repair. Wash over pkr 5338' - 39'. lost circulator, POOH, LD wash pipe. RIH w/spear, could not get into pkr mandrel. RIH w/overshot, BS, jars, 4 - 3-1/2" DC & accelerator. Jar fish up hole 8', tbg collar prtd 44 stands dn, ran overshot, could not catch collar, overshot jammed.  
DC: \$12,680 TC: \$29,650

2/17/94 PO: LD N-80 tbg. RIH w/OS 44 stands tbg, caught fish, pulled pkrs 20' stock again, rls btm overshot. POOH J-55 tbg, rerun BHA, PU N-80 tbg, caught fish jar & pull pkrs 700'. come free. POOH, LD fish & BHA, RIH N-80, POOH, LD N-80.  
DC: \$7,900 TC: \$37,550

2/18/94 PO: Flow into tank. RIH w/2-3/8" tbg, land @ 4783', 154 jts. ND BOP, NU tree. RU swb, make 5 runs. IFL 600, rec 36. Well kicked off, flow to tank on open choke 1 hr. Rec 21 bbls. Install 20/64' chk. RDMO. 20/64" chk w/170 psi tbg press.  
TC: \$43,350

2/19/94 PO: Flowing to tank. RDMO.  
DC: \$360 TC: \$43,710

---

6/07/94 PO: Prep to pump plug out of tbg. RU Cudd Press Control & run 5800' 1-1/4" new coiled tbg inside of 2-7/8" tbg. Land tbg. Rd Cudd, press up 1-1/4" w/gas from annulus, could not blow plug out of 1-1/4" tbg.  
TC: \$14,450

6/10/94 PO: Well on prod. RU Nowcam pup 100,000 SCF N<sub>2</sub>. Well unloaded, on prod @ 12 noon.  
TC: \$18,400

*fish  
Siphon*

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-01191A

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

NBU #140

9. API Well No.

43-047-31947

10. Field and Pool, Or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, UT

**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)

1031' FNL & 1879' FEL  
NW/NE 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

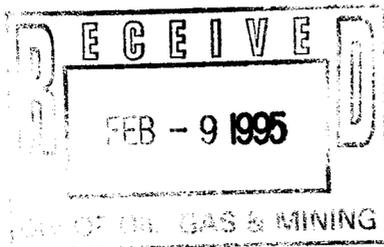
Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other Remove Pkrs/Install S. Strng

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

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(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date 2/3/95

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*for credit*

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PRODUCTION REPORT

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NW/NE SECTION 5-T10S-R22E  
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WI: 100% COGC AFE: 13054

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*149555  
Sand lines will stop pkr.*

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TC: \$14,450
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TC: \$18,400

*with  
Siphon Strich*

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

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5. Lease Designation and Serial No.

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Natural Buttes Unit

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Uintah County, UT

SUBMIT IN TRIPLICATE

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Oil Well Gas Well Other

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Coastal Oil & Gas Corporation

3. Address and Telephone No.

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1031' FNL & 1879' FEL NW/NE 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

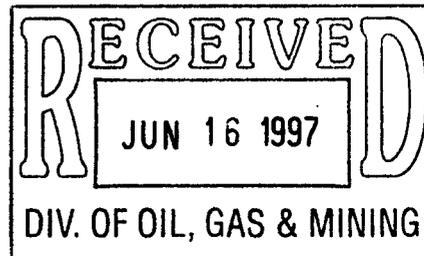
- Abandonment Recompletion Plugging Back Casing Repair Altering Casing Other Remove siphon string, lwr tbg, install PLE

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

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



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

Signed Bonnie Carson Title Senior Environmental Analyst Date 06/13/97

(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

NBU 140-5-10-22  
NATURAL BUTTES FIELD  
SECTION 5 T10S R22E  
WORKOVER PROCEDURE

WELL DATA

LOCATION: 1031' FNL 1879' FEL SEC. 5 T10S R22E  
ELEVATION: 5151' GR., 5163' KB.  
TD: 6003', PBSD 5960' (4/91)  
CSG: 8-5/8", 24.0#, K-55 @ 263' w/ 180 SX.  
5-1/2", 17.0#, J-55 @ 5964' W/ 1145 SX.  
TBG: 2 3/8", 4.7#, J-55 @ 4783' (1991)  
COIL TBG @ 5800' (1994)  
FORMATION(S): WASATCH 4853' - 5929', 19 HOLES (1991)

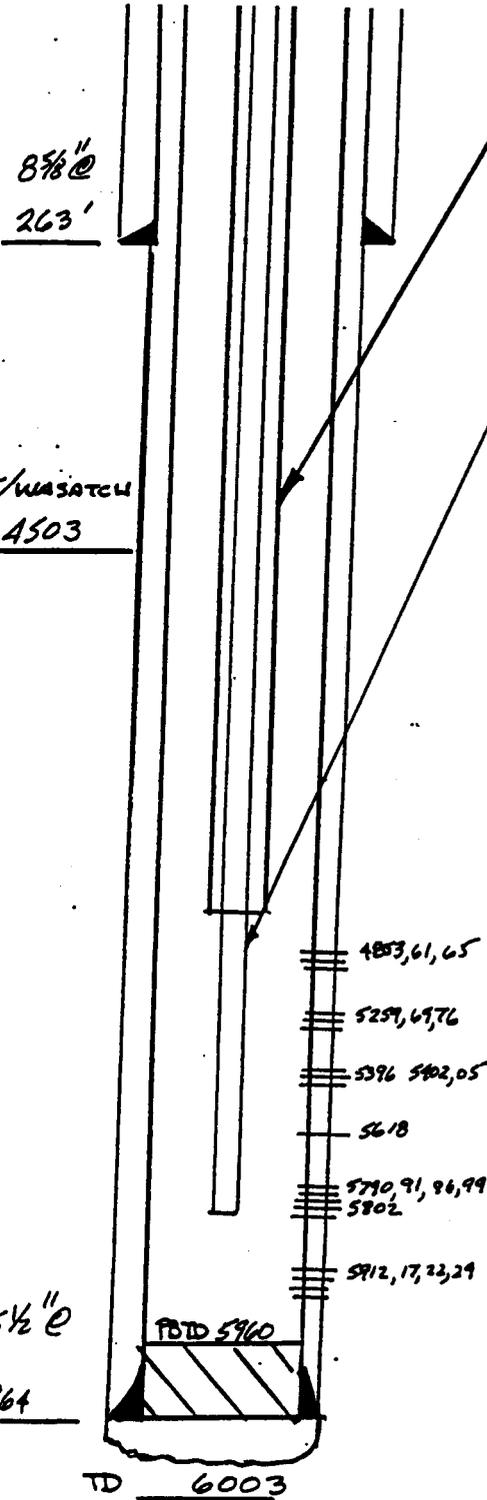
PROCEDURE

1. MI & RU Coil tubing unit. Kill 1-1/4" tbg w/ 2% KCL water. POOH & spool 1-1/4" CT. RD CTU.
2. MI & RU pulling unit. Blow down & kill well. ND WH. NU BOP. TIH to PBSD 5960' (BP @ 5929').
3. PU & land 2-3/8' tbg @ 5276'.
4. ND BOP. NU WH. RD & MO pulling unit.
5. Install PLE. Swab / flow well to clean up. Return the well to sales.

NBU 140-5-10-22  
 NATURAL BUTTES FIELD  
 SECTION 5 T10S R22E

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 TBG: 2 3/8", 4.7#, J-55 @ 4783' (1991)  
 COIL TBG @ 5800' (1994)  
 FORMATION(S): WASATCH 4853' - 5929', 19 HOLES (1991)



(4/91) WASATCH 4853 - 5929 6 sands 19 holes

Perf w/ 4" c.g.	4853	5259'	5396	5618	5790	5912
	4861	5269'	5402		5791	5917
	4865	5276'	5405		5796	5922
					5799	5929
					5802	

BD w/ 1000gal 3% KCL + 3885 IPF 1.55 MCF 2 1/4" OL (FTP 50")  
 (12/91) Freq w/ 264,000 SD + 151,000 gal 35% w/ 30% CO2 @ 30 BPM @ 3400"  
 IPF V92 1100 MCF 1 1/4" OL FTP 750 CP 750"  
 P.L (1/92) FLUID FROM 5396 - 5405"  
 5/93 RAN PIP TOOL (5345 - 5315) for WSO LOT 5382' IPF 1.0 MCF 2-3.000  
 2/94 Removed no tool Rm 2 3/8" tub to 4783'  
 6/94 Rm 1 1/4" CT to 5800'  
 5/97 PL @ 4750'

5 1/2" @  
 263'  
 WASATCH  
 4503  
 TD 6003



---

**Remove CT, Lower Tubing and Install PDE**

- 07/15/97 **Prep to chem cut.** MI Camco, held safety meeting. ND FL, NU CT, BOPs. Pmp 5 bbls cond & 8 bbls 2% KCl down CT. Pulled 36' stuck. Pmp 8 bbls 2% down tbg/tbg annulus. ND above slips work slip free. Slack off only 6' travel. Still stuck. Pmp 3 more bbls down tbg/tbg annulus. Press up to 2000#, then on up to 3000#. ND & reland tbg. MI Cutters, never had right tools. SDFN  
DC: \$6,421 TC: \$6,421
- 07/16/97 **WSI, WO CTU.** RU Cutters. RIH w/3/4" gun, chem cutters & shoot @ 4750' MF. POOH, wet sub & resub. RIH w/3/4" gun chem cutters & shoot @ 4750 CT. POOH & RD Cutter & RU Camco & retrieve 33' tbg & stuck. Pmp down CT annulus press up 2000#. Bleed off, WO CT, slip & reland CT & NU WH & RD Camco. Seal out of unit. RU Cutters & RIH w/3/4" chem cutter & short @ 4300'. Well on vacuum. POOH & RD Cutters. Pmp 10 bbls dn CT. Annulus, no press on vacuum. RD HT & SWIFN @ 2:30 PM.  
DC: \$7,654 TC: \$14,075
- 07/17-18/97 **WO CTU.**
- 07/19/97 **On Production, waiting on workover rig.** MIRU Camco. Kill well with 20 bbls 2%. Pull 4320" CT that we cut off 7/16/97. ND Hanger, NU tree. Re-build FL. Put well on production @ 11 AM/ RDMO. Waiting on workover rig to finish fishing job. Left 1583' CT, stuck in 2 3/8" SN. 432' above SN 31' in btm jt, 1120' below 2 3/8" tbg. Day load 20 bbls, total load 90 bbls. Flowing 213 MCF, 85 BW, 150# TP, 550# CP, on 30/64" chk.  
DC: \$5,600 TC: \$19,675

---

07/20/97      Flowing 173 MCF, 32 BW, 120# TP, 550# CP, on 30/64" chk.

07/21/97      Flowing 149 MCF, 23 BW, 140# TP, 550# CP, on 30/64" chk.

07/22/97      Flowing 138 MCF, 20 BW, 140# TP, 550# CP, on 30/64" chk.

07/23/97      Flowing 131 MCF, 20 BW, 140# TP, 550# CP, on 30/64" chk.

07/24/97      Flowing 134 MCF, 20 BW, 140# TP, 550# CP, on 30/64" chk.

07/25/97      Flowing 142 MCF, 30 BW, 125# TP, 550# CP, on 30/64" chk.

07/26/97      Flowing 150 MCF, 20 BW, 125# TP, 550# CP, on 30/64" chk.

07/27/97      Flowing 136 MCF, 5 BW, 125# TP, 536# CP, on 30/64" chk. Prior Production: Flwd  
121 MCF, 0 BW, 120# TP, 550# CP, on 30/64" chk. **Final Report.**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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1031' FNL & 1879' FEL  
NW/NE Section 5-T10S-R22E

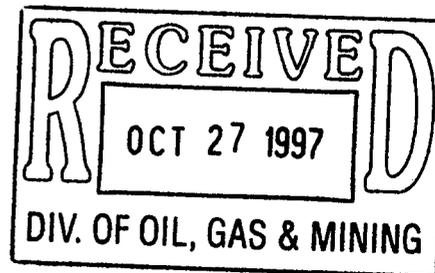
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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>Remove CT, lwr tbg, install PLE</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.



14. I hereby certify that the foregoing is true and correct  
 Signed Sheila Bremer Title Environmental & Safety Analyst Date 10/21/97  
 Sheila Bremer

(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

43-047-31947

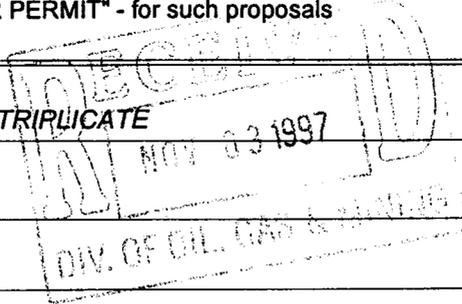
FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT" - for such proposals

**SUBMIT IN TRIPLICATE**



1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

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

(303) 573-4476

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

See attached spreadsheet

5. Lease Designation and Serial No.

See attached spreadsheet

6. If Indian, Alottee or Tribe Name

See attached spreadsheet

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

See attached spreadsheet

9. API Well No.

See attached spreadsheet

10. Field and Pool, Or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

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

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

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

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

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

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

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

Signed

Bonnie Carson

Senior Environmental Analyst

(This space for Federal or State office use)

APPROVED BY

Title

Date

Conditions of approval, if any:

*Must meet pt riny 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	43-047-32813	USA U-462	N/A	1574' FNL & 720' FWL	SWNW	29	9	22	Natural Buttes	Uintah
CIGE #194-1-10-22	43-047-32932	USA U-011336	N/A	2017' FNL & 61' FWL	SWNW	1	10	22	Natural Buttes	Uintah
CIGE #197-7-9-21	43-07-32798	U-0149747	N/A	854' FNL & 2178' FEL	NWNE	7	9	21	Natural Buttes	Uintah
CIGE #198-9-9-21	43-047-32799	U-01188	Ute Tribe Surface	2502' FSL & 772' FEL	NESE	9	9	21	Natural Buttes	Uintah
CIGE #199-14-9-21	43-047-32801	U-01193	Ute Tribe Surface	959' FNL & 1760' FWL	NENW	14	9	21	Natural Buttes	Uintah
CIGE #200-16-9-21	43-047-32802	U-38409	Ute Tribe Surface	1950' FNL & 2500' FWL	SENE	16	9	21	Natural Buttes	Uintah
CIGE #201-18-9-21	43-047-32804	U-0575	Ute Tribe Surface	1814' FNL & 944' FEL	SENE	18	9	21	Natural Buttes	Uintah
CIGE #202-21-9-21	43-047-32805	U-0575	Ute Tribe Surface	785' FSL & 471' FEL	SESE	21	9	21	Natural Buttes	Uintah
CIGE #204-35-9-21	43-047-32794	ML-22582	N/A	2055' FNL & 1604' FEL	SWNE	35	9	21	Natural Buttes	Uintah
CIGE #205-1-10-21	43-047-32795	ML-23612	N/A	2110' FNL & 2607' FEL	SWNE	1	10	21	Natural Buttes	Uintah
CIGE #221-36-9-22	43-047-32868	ML-22650	N/A	550' FSL & 514' FEL	NESW	13	9	21	Natural Buttes	Uintah
CIGE #235-25-9-21	43-047-32858	U-01194-ST	N/A	1900' FSL & 1800' FEL	NWSE	25	9	21	Natural Buttes	Uintah
CIGE #236-34-9-21	43-047-32861	U-01194-A-ST	N/A	428' FSL & 882' FEL	SESE	34	9	21	Natural Buttes	Uintah
CIGE #23-7-10-22	43-047-30333	ST ML-23609	N/A	1573' FNL & 1024' FEL	SENE	7	10	22	Natural Buttes	Uintah
CIGE #25-34-9-22	43-047-30737	U-0149077	N/A	2037' FNL & 1608' FWL	SENE	34	9	22	Natural Buttes	Uintah
CIGE #3-32-9-22	43-047-30320	ST ML-22649	N/A	2270' FNL & 900' FEL	SENE	32	9	22	Natural Buttes	Uintah
CIGE #43-14-10-22	43-047-30491	U-01197-A-ST	N/A	1437' FWL & 1416' FNL	NW	14	10	22	Natural Buttes	Uintah
CIGE #59-21-10-21	43-047-30548	U-02278	N/A	809' FSL & 1081' FWL	SWSW	21	10	21	Natural Buttes	Uintah
CIGE #6-19-9-21 (GR)	43-047-30356	U-0581	N/A	1122' FSL & 1542' FEL	SWSE	19	9	21	Natural Buttes	Uintah
CIGE #63D-29-9-22P	43-047-30949	U-462	N/A	521' FNL & 977' FWL	NWNW	29	9	22	Natural Buttes	Uintah
CIGE #9-36-9-22	43-047-30419	ST ML-22650	N/A	2090' FSL & 1852' FEL	NWSE	36	9	22	Natural Buttes	Uintah
CIGE #97D-31-9-22	43-047-31729	U-01530-A-ST	N/A	548' FSL & 907' FEL	SESE	31	9	22	Natural Buttes	Uintah
Morgan State #10-36	43-047-32816	ML-22265	N/A	1794' FNL & 649' FEL	SENE	36	9	21	Natural Buttes	Uintah
Morgan State #11-36	43-047-32813	ML-22265	N/A	1943' FSL & 1843' FEL	NESW	36	9	21	Natural Buttes	Uintah
Morgan State #12-36	43-047-32814	ML-22265	N/A	1992' FSL & 722' FEL	NESE	36	9	21	Natural Buttes	Uintah
Morgan State #13-36	43-047-32817	ML-22265	N/A	540' FSL & 815' FEL	SESE	36	9	21	Natural Buttes	Uintah
Morgan State #2-36	43-047-32585	ST ML-22265	N/A	900' FNL & 804' FWL	NWNW	36	9	21	Natural Buttes	Uintah
Morgan State #4-36	43-047-32729	ST ML-22265	N/A	1912' FSL & 649' FWL	NWSW	36	9	21	Natural Buttes	Uintah
Morgan State #5-36	43-047-32735	ST ML-22265	N/A	2100' FSL & 1800' FEL	NWSE	36	9	21	Natural Buttes	Uintah
Morgan State #8-36	43-047-32812	ML-22265	N/A	650' FNL & 690' FEL	NENE	36	9	21	Natural Buttes	Uintah
Morgan State #9-36	43-047-32815	ML-22265	N/A	1894' FNL & 1978' FEL	SWNE	36	9	21	Natural Buttes	Uintah
NBU #105	43-047-32302	U-0575	N/A	1026' FSL & 1011' FWL	SWSW	17	9	21	Natural Buttes	Uintah
NBU #113	43-047-31931	U-0149077	N/A	580' FSL & 854' FEL	SESE	34	9	22	Natural Buttes	Uintah
NBU #118	43-047-31969	U-5077-B	Ute Tribe Surface	1700' FNL & 660' FEL	SENE	22	9	20	Natural Buttes	Uintah
NBU #12	43-047-30119	U-461	N/A	1563' FSL & 2328' FEL	NWSE	18	9	22	Natural Buttes	Uintah

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



TC: \$43,350

2/19/94 PO: Flowing to tank. RDMO.  
DC: \$360 TC: \$43,710

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6/07/94 PO: Prep to pump plug out of tbg. RU Cudd Press Control & run 5800' 1-1/4" new coiled tbg inside of 2-7/8" tbg. Land tbg. Rd Cudd, press up 1-1/4" w/gas from annulus, could not blow plug out of 1-1/4" tbg.  
TC: \$14,450

6/10/94 PO: Well on prod. RU Nowcam pup 100,000 SCF N<sub>2</sub>. Well unloaded, on prod @ 12 noon.  
TC: \$18,400

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~~Remove this section from the final report~~

07/15/97 Prep to chem cut. MI Camco, held safety meeting. ND FL, NU CT, BOPs. Pmp 5 bbls cond & 8 bbls 2% KCl down CT. Pulled 36' stuck. Pmp 8 bbls 2% down tbg/tbg annulus. ND above slips work slip free. Slack off only 6' travel. Still stuck. Pmp 3 more bbls down tbg/tbg annulus. Press up to 2000#, then on up to 3000#. ND & reland tbg. MI Cutters, never had right tools. SDFN  
DC: \$6,421 TC: \$6,421

07/16/97 WSI, WO CTU. RU Cutters. RIH w/3/4" gun, chem cutters & shoot @ 4750' MF. POOH, wet sub & resub. RIH w/3/4" gun chem cutters & shoot @ 4750 CT. POOH & RD Cutter & RU Camco & retrieve 33' tbg & stuck. Pmp down CT annulus press up 2000#. Bleed off, WO CT, slip & reland CT & NU WH & RD Camco. Seal out of unit. RU Cutters & RIH w/3/4" chem cutter & short @ 4300'. Well on vacuum. POOH & RD Cutters. Pmp 10 bbls dn CT. Annulus, no press on vacuum. RD HT & SWIFN @ 2:30 PM.  
DC: \$7,654 TC: \$14,075

07/17-18/97 WO CTU.

07/19/97 On Production, waiting on workover rig. MIRU Camco. Kill well with 20 bbls 2%. Pull 4320" CT that we cut off 7/16/97. ND Hanger, NU tree. Re-build FL. Put well on production @ 11 AM/ RDMO. Waiting on workover rig to finish fishing job. Left 1583' CT, stuck in 28" SN. 432' above SN 31' in btm jt, 1120' below 28" tbg. Day load 20 bbls, total load 90 bbls. Flowing 213 MCF, 85 BW, 150# TP, 550# CP, on 30/64" chk.  
DC: \$5,600 TC: \$19,675

07/20/97 Flowing 173 MCF, 32 BW, 120# TP, 550# CP, on 30/64" chk.

07/21/97 Flowing 149 MCF, 23 BW, 140# TP, 550# CP, on 30/64" chk.

07/22/97 Flowing 138 MCF, 20 BW, 140# TP, 550# CP, on 30/64" chk.

07/23/97 Flowing 131 MCF, 20 BW, 140# TP, 550# CP, on 30/64" chk.

07/24/97 Flowing 134 MCF, 20 BW, 140# TP, 550# CP, on 30/64" chk.

07/25/97 Flowing 142 MCF, 30 BW, 125# TP, 550# CP, on 30/64" chk.

07/26/97 Flowing 150 MCF, 20 BW, 125# TP, 550# CP, on 30/64" chk.

07/27/97 Flowing 136 MCF, 5 BW, 125# TP, 536# CP, on 30/64" chk, Prior Production: Flwd 121 MCF, 0 BW, 120# TP, 550# CP, on 30/64" chk.

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07/28/97 POOH w/28" tbg & strip CT. MIRU Roosevelt. TP 100#, CP 500#. Bled off, pmp 50 bbls 2% KCl. ND WH. NU BOP. POOH w/ 28" tbg, slow, EOT @ 503'. SDFN  
DC: \$3,970 TC: \$3,970

07/29/97 **Hook up PLE.** SICP 50 psi, SITP 0 psi. Bled off, POOH w/ 28" tbg & 1 1/4" CT (660') leaving 840' in well, there was 200' below tbg. Making top of 1 1/4" tbg @ 4983±. RIH w/ 28" tbg. Broaching tbg on way in hole, tag fish top @ 4808', 175 high, land tbg w/ EOT @ 4802', SN @ 4769'. ND BOP. NU WH. RD rig & equip. Lots of scale on CT.  
SDFN  
DC: \$3,502 TC: \$7,472

07/30/97 **Installed PLE**

07/31/97 **SI to build press.** MIRU Delsco, TP 500 psi, CP 300. Tried to blow well down, well started to flow. Found well for 4 hrs, unloaded 35 BW. RD Delsco watched for 2 hrs. SWI to build press. FTP 100 psi, FCP 500 psi.  
DC: \$5,790 TC: \$13,217

08/01/97 **On production.** Delsco WL, rebroach tbg, bad @ 260', 2000', 4580', drop bumper spring & plunger. Put well on production. 850# TP, 850# CP, on 20/64" chk.

08/02/97 **Flowing 90 MCF, 0 BW, 900# TP, 900# CP, on 30/64" chk.**

08/03/97 **Flowing 151 MCF, 2 BW, 625# TP, 650# CP, on 8/64" chk.**

08/04/97 **Flowing 106 MCF, 0 BW, 450# TP, 650# CP, on 9/64" chk.**

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09/24/97 **Prep to squeeze acid around fish (CT).** MIRU GWS rig #101. ITP 410#, ICP 720#. Blew well dn. RIH fish plunger & plunger stop. ND WH, NU BOP. LD blast jt & tbg hgr. POOH w/ 4 jts of 28" tbg. EOT @ 4669'. SIWFN.  
DC: \$3,942 TC: \$3,942

09/25/97 **Prep to swab.** SITP 120#, SICP 250#. Blew well dn. RU B J Serv. Held safety meeting. PT lines to 5000#. Pmp 10 bbls 2 % KCl wtr w/ 18 bbls 15% HCl acid w/ additives. Displ to 4853' w/ 23 bbls 2% KCl wtr. MIP 400#, AIR 200#. MIR 4.3 BPM, AIR 3.8 BPM. ISIP 0#. BFLTR 51. RD B J Serv. Waited for acid to soak 3 hrs. RU swab unit. Made 14 swab runs, rec 72 bbls. IFL1300', FFL @ surface. Well flowed CP 200# (well flowed 9 bbls). Total bbls rec = 81. Well blew dn. PU & RIH w/ 28" tbg & tag fish @ 5300'. POOH w/ 28" tbs (30 stds). SDFN.  
DC: \$5,457 TC: \$9,399

09/26/97 **Swabbing.** SICP 185#, SITP 90#. Blew well dn. POOH w/ 90 jts 28" tbg. NU Hyd & PU & MU o/shot 4-11/16" x 1-1/4" & jars. RIH w/ 156 jts 28" tbg to 4824' top of fish. Work over fish 5'. Attempt latch on fish. POOH w/ fishing tools & tbg. No fish. Had few marks on cut lip guide of o/shot. No marks on grapel. LD tools. Well kicking. Pmp 20 bbls on csg. PU NC & SN & RIH w/ tbg & broach. LD 16 jts tbg. PU hanger & land tbg w/ 154 jts 28", 4.7#, J-55. EOT @ 4792', SN @ 4760'. RD floor. ND BOPs & Hyd & NU WH & FL. SWIFN.  
DC: \$6,139 TC: \$15,538

09/27/97 **Well on production.** Open well up. RU & swab. Made 3 runs, rec 28 BW. Drop standing valve & PLE. RD swab, pmp & lines. SICP 250#, FCP 400#. IFL 1200', FFL-flowing to tank. RDMO. Put well on production 09/27/97 @ 11:30 am.  
DC: \$1,578 TC: \$17,116

09/28/97 **Broach well.** MIRU Delsco. ITP 45#, ICP 450#. Made 2 swab runs, rec 5 bbls. Plunger came up but would not fall very far back dn. SWIFN.  
DC: \$1,018 TC: \$17,784

09/29/97 **Well on production.** MIRU Delsco Slickline. Broach tight spots @ 135', 200'. POOH. Dropped plunger, would not go to btm. Chase w/ swedge. Trip plunger, wouldn't fall. Replace w/ short plunger. Put well on production. ITP 100#, FTP 800#. ICP 450#, FCP 850#.   
DC: \$950 TC: \$18,734

09/30/97 Flwg 272 MCF, 10 BW, FTP 100#, CP 450#, on a 20/64" chk, 24 hrs.

10/01/97 Flwg 106 MCF, 3 BW, FTP 80#, CP 450#, on a 30/64" chk, 24 hrs.

10/02/79 Flwg 74 MCF, 82 BW, FTP 79#, CP 450#, on a 30/64" chk.

10/03/97 Flwg 67 MCF, 17 BW, FTP 80#, CP 700#, on a 30/64" chk, 20 hrs, dn 4 hrs hi-low.

10/04/97 Flwg 218 MCF, 40 BW, FTP 80#, CP 475#, on a 30/64" chk, 24 hrs.

10/05/97 Flwg 166 MCF, 33 BW, FTP 80#, CP 400#, on a 30/64" chk, 24 hrs.

10/06/97 Flwg 130 MCF, 27 BW, FTP 80#, CP 425#, on a 30/64" chk, 24 hrs. **Prior production:**  
Flwg 81 MCF, 4 BW, FTP 125#, CP 536#, on a 30/64" chk. 24 hrs. **Final Report.**

RECEIVED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

APR 08 1998

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)

1031' FNL & 1879' FEL  
NW/NE Section 5-T10S-R22E

5. Lease Designation and Serial No.

U-01191A

6. If Indian, Alottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

NBU #140

9. API Well No.

43-047-31947

10. Field and Pool, Or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, UT

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other Repair csg leak and fish coil tbg
- 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 and Safety Analyst Date 04/03/98  
Sheila Bremer

(This space for Federal or State office use)

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

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Title 18 U.S.C. Section 1011. It is unlawful for any person to 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.

FOR RECORD ONLY

\*See Instruction on Reverse Side

## NBU 140 - WORKOVER PROCEDURE

Section 5-10S-22E  
Uintah County, UT  
March 19, 1998 *Hand*

ELEVATION:	5151' GL;	5163' KB
TOTAL DEPTH:	6003'	PBTD: 5960'(4/91) 4808' (9/97)
CASING:	8-5/8", 24.0#, K-55	@ 263'
	5-1/2", 17.0#, J-55	@ 5964'
TUBING:	2-3/8", 4.7#, J-55	@ 4729'
	1-1/4" COIL TBG FISH	@ 4808'
PERFORATIONS:	WASATCH	4853' - 5929', 19 Holes (1991)

### PROCEDURE

1. MI & RU. ND WH. NU BOP's. POOH w/ 2-3/8" tbg. NOTE: Casing leak @ 3311'. RBP set @ 4786'.
2. TIH w/ 5-1/2" CICR & set CICR @ 3275' <sup>RLS FROM RETAINER & press  
TST TO 1000 PSI. Sling CHECK INTO CICR & ESTABLISH INJ RATE & press</sup> RU service company. Pump 45 bbls fresh water ahead of cement & squeeze 45 sx. cement - displacing cement thru CICR leaving a plug of cement inside csg at the leak. Unsting from retainer & PU 30' and reverse circulate 2 tubing volumes of fresh water to clear tubing of any cement. POOH w/ 2-3/8" tbg & retainer stinger. WOC 48 hrs.  
**CEMENT: Class "G" with 1% CaCL<sub>2</sub>(S1), 0.1% dispersant (D65) & 0.7% fluid loss control (B14) - 1.15 c.ft/sk yield, 15.8 ppg.**
3. RIH w/ tbg & 4-3/4" mill assembly. DO CICR & cement down below csg leak @ 3311'. PT csg to 2000 psi. Re-squeeze if necessary. If PT OK, clean out to RBP @ 4786'. Circulate the hole clean w/ 2% KCL water. POOH w/ tbg & mill assembly.
4. TIH w/ tbg & ret. tool. Release RBP @ 4786' & POOH. LD RBP.
5. Make two attempts to recover coil tubing fish.
  - First attempt- PU & MU 4-11/16" overshot, grapple & jars. TIH & attempt to latch on to fish ( T/fish @ 4808'). POOH & LD tools, jars & fish.
  - Second attempt- PU & RIH w/ wash pipe w/ internal slips(dogs). Attempt to wash over fish and latch on to fish. POOH & LD tools, jars & fish.
6. RIH w/ 2-3/8" tbg w/ SN 1 jt up. Land tbg @ 5802' or as deep as possible.
7. ND BOP's. NU WH. RD & MO unit.
8. Install PLE. Return well to production.

DATE 03/18/98 WELL NBU #140  
 FOREMAN \_\_\_\_\_ FIELD NATURAL BUTTES  
 KB 5163' GL 5163'

SECTION 5 TWS: T10S  
 COUNTY UINTAH RNG R22E  
 STATE UT

1031' FNL 1879' FEL  
 SPUD 3/22/91 COMP 4/30/91

**CASING RECORD**

SIZE	WT	GRADE	THD	AT	CMT
8-5/8"	24.0#	K-55		263'	180 SX.
5-1/2"	17.0#	J-55		5964'	1145 SX.

**TUBING RECORD**

SIZE	WT	GRADE	THD	FROM	TO
2-3/8"	4.7#	J-55		0'	4802'
JTS 155	SN 4769'	AC	MUD ANCHOR SIZE		LGTH

**COMMENTS/PERFORATIONS:**

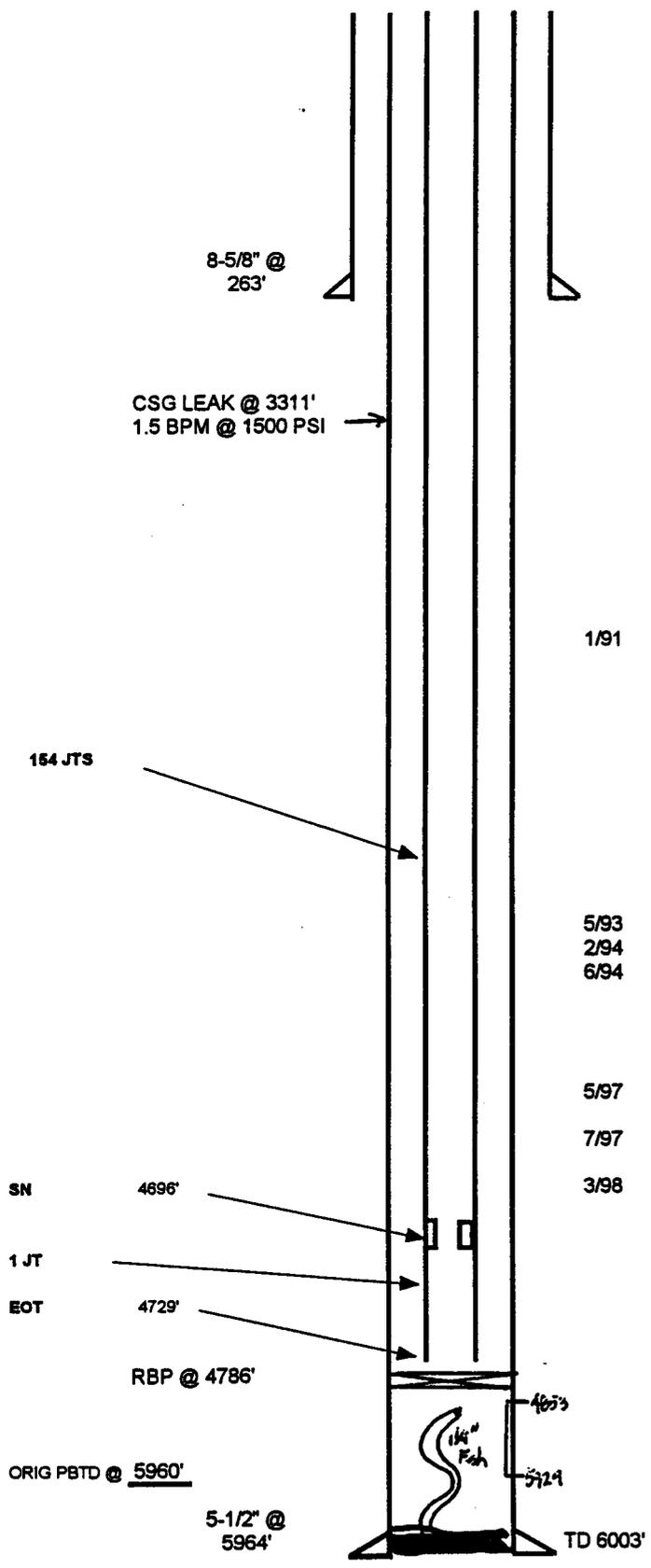
1/91	WASATCH 4853' - 5929'	6 SANDS	13 HOLES
	PERF 1 SPF W	4" C.G.	
	4853'	5259'	5396'
	4861'	5269'	5402'
	4865'	5276'	5405'
			5790'
			5791'
			5796'
			5799'
			5929'
			5802'

BD W/ 4000 GAL KCL WATER + 38 BS's  
 FRAC'D W/ 264,000# SD + 151,000 GAL GEL W/ 30% CO2  
 IPF'd (1/91) 1100 MCF 16/64" CK, FTP 725#, CP 750#

5/93 WORKOVER - H2O SHUT OFF PKRS @ 5396'-5405'  
 2/94 REMOVE PKRS - RAN TBG TO 4783'  
 6/94 RN 1-1/4" C.T. TO 5800'

5/97 FLS (5/97) - F.L. @ 4750'  
 7/97 REC. 4960' 1-1/4" C.T. TOF @ 4808' - 840' 1-1/4" C.T. STUCK IN HOLE

3/98 CSG LEAK @ 3311' 1.5 BPM @ 1500#  
 SET RBP @ 4786' EOT @ 4729' - WAITING ON SQZ JOB







**Squeeze Csg Leak / Fish Coil Tbg**

04/08/98	<b>POOH &amp; PU pkr.</b> MIRU Penn #4. ND WH, NU BOPS. SIFN. DC: \$2,048	TC: \$2,048
04/09/98	<b>WOC.</b> POOH (SLM). PU HD pkr. RIH & set @ 3200'. PT csg to 500# - ok. Get inj rate 1.7 BPM @ 1800#. Mix & pmp 45 sx class "G" cmt w/1% CaCl2 & .4% FL-52. Sqz into csg leak @ 3311' to 2000#. Reverse out. LD 20 jts. Press up to 1920#. SI - held press on well. WOC 48 hrs. LD pipe in drk. RDMO. DC: \$7,906	TC: \$9,954
04/10-13/98	<b>WOC Fri. Shut Dn Sat &amp; Easter Sun.</b> Move rig back in. RU. WOC. DC: 0	TC: \$9,954
04/14/98	<b>RIH &amp; grab RBP, POOH / PU fishing tools.</b> ICP 1250#. Blew well dn. POOH & LD pkr. PU 4-3/4" drag bit. RIH & tag cmt @ 3201'. PU swivel. Drill cmt f/3201' to 3319'. Test csg to 2000# - ok. PU tbg & tag @ 4769'. Wash sand off RBP @ 4786'. Circ clean. POOH. SIFN. DC: \$4,148	TC: \$14,102
04/15/98	<b>PU 2-7/8" tbg for wash pipe.</b> PU retrieving tool. RIH & grab RBP. POOH & LD RBP, PU 4-11/16 o/shot bumper sub. RIH & work. Tag fish @ 4820'. Work dn 10'. POOH. Outside of o/shot had been in scale. No fish, no marks on grapple. SWIFN. DC: \$6,395	TC: \$20,497
04/16/98	<b>RIH, squeeze acid / wash over.</b> No press on well. PU 4-3/4" shoe, 3-3/4" oversocket, 4" OD bushing, top sub, 33 jts 2-7/8" tbg (wash pipe), crossover jar & bumper. RIH. EOT @ 2830'. SI until tomorrow, rig repairs, short crew. Note: tong line broke, tongs fell, hitting Cody Williamson's knee. DC: \$2,150	TC: \$22,647
04/17/98	<b>LD 2-7/8" tbg, RIH w/prod string.</b> No press on well. RIH & tag @ 4815'. PU to 4795' EOT. RU BJ Serv. Fill hole w/35 bbls 2% KCL. Pump & bull head sqz 10 bbls 15% HCL w/add past fish top. Let soak 2 hrs. Washover fish to 5246'. Press up, pulled tight cock jar. Pull 10,000 over pop jar. POOH. Wet, not coil tbg, oversocket full of rubber & slip gone. LD fishing tools. SIFN. DC: \$8,796	TC: \$31,443
04/18/98	<b>MI Delsco/Swab.</b> No pressure. LD 2 7/8 tbg. RIH w/170 jts.. Tag at 5256'. LD 2 jts. RU sand line. Run no go. RIH. Broach to PSN. Land tbg at 5222' w/NC. 1 jt. PSN. 167 jts. 2 3/8 J-55 tbg. SN @ 5188'. ND BOP. NU well head. RDMO DC: \$3,514	TC: \$34,957
04/19/98	<b>Swabbing.</b> MIRU Delsco Wireline. ITP - 0 psi, ICP - 0 psi. IFL - 1000'. Make 9 swab runs. Recover 50 bbls fluid. FTP - 0 psi. FCP - 50 psi. FFL - 2600'. SWIFN. DC: 1,150	TC: \$36,107
04/20/98	<b>Swabbing.</b> ITP - 0 psi, ICP - 50 psi. Start to swab. IFL - 2100'. Make 18 runs. Rec. 95 bbls. FTP - 0 psi, FCP - 0 psi, FFL - 3600'. SWIFN. DC: \$1,559	TC: \$37,666
04/21/98	<b>ITP - 300 psi, ICP - 60 psi, IFL - 3200'.</b> Make 3 swab runs. Rec. 25 bbls. Trip plunger 7 times. Well died. SWIFN. FTP - 0 psi, FCP - 60 psi. FFL - 3400'. DC: \$1,568	TC: \$39,234
04/22/98	<b>Fish plunger.</b> ITP - 900 psi, ICP - 900 psi. Trip plunger 4 times, rec large chunks of scale plunger, stuck would not return. Put well to selling. RDMO. Delsco called for slick line. FTP - 700 psi, FCP - 900 psi. DC: \$910	TC: \$36,344
04/23/98	<b>Flow to tank.</b> ITP - 450 psi, ICP - 900 psi. Remove plunger and bumper spring from lubricator. Rec rubber and rocks from bumper spring. Blow well to tnk. Rec rocks or scale lrg chunks. Wire brush tbg. Blow to tnk. Making wtr - will not clean up. Leave blowing to tnk. FTP - 10 psi, FCP - 750 psi. IFL was below SN. DC: \$660	TC: \$40,798
04/24/98	<b>Flow to tank.</b> ITP - 750 psi, ICP - 900 psi. PBTD 5228', SN 5202'. Left well flwg to tnk. DC: \$575	TC: \$37,579

04/25/98 RIH land tbg. SICP - 550 psi, FTP - 80 psi. Blow dn, pmpd 15 bbls 2% KCL dwn tbg, NDWH NU BOP, RU floor and equip, POOH w/2-3/8" tbg, SN and NC, PU and RIH w/5 1/2" RBP, pkr and 2-3/8" tbg, set RBP at 4786', tst to 2000# ok, POOH w/2-3/8" tbg, set pkr at 3344'. Tst to 2000# ok, POOH set pkr @ 3304' foot 2000# tst on casg and tbg, ok, rls pkr at 3304', RIH and ret RBP at 4786', POOH LD pkr and plug, RIH w/prod string EOT 2813'. SIFN.  
DC: \$7,906 TC: \$44,013

04/26/98 MI Delsco to swab. SICP 125 psi, SITP 50 psi, blow dwn, finish RIH w/2-3/8" tbg. Land w/NC, 1 jt psn 166 jts J55 tbg. EOT 5192' & PSN 5159', ND BOPS, NU WH RDMO.  
DC: \$1,517 TC: \$45,530

04/27/98 Swabbing. MIRU Delsco. ITP - 0 psi, ICP - 100 psi, IFL - 2500'. Made 9 swb runs, rec 40 bbls. SWIFN. FCP - 150 psi, FTP - 0 psi, FFL 3500 psi.  
DC: \$767 TC: \$46,297

04/28/98 Flowing to tank. ITP - 400 psi, ICP 600 psi, IFL 2500'. Make 5 swab runs, trip plunger, leave well flwg to tnk. FFL - 1500', FCP - 575 psi, FTP - 5 psi  
DC: \$884 TC: \$47,181

04/29/98 Flwg 0 MCF, 27 BW, CP 600#, 0 hrs.

04/30/98 MIRU Delsco swabbing. ITP - 0 psi, ICP - 600 psi, IFL - 2500'. Make 5 swab runs, rec 35 bbls fluid, well flow 20 minutes after each run, FTP - 0 psi, FCP - 500 psi, FFL - 4800'.  
DC: \$1,100 TC: \$48,281

05/1-3/98 SI for PBU.

05/04/98 SITP 600#, SICP 700#.

05/05/98 SITP 700#, SICP 800#.

05/06/98 SITP 850#, SICP 850#. Blwg tbg to tank. Well died. Left open to tank, CP 350#.

05/07/98 Flwg 19 MCF, 133 BW, TP 25 psi, CP 400 psi, 30/64" ck, 2 hrs, logged off.

05/08/98 Flwd 0 MCF, 66 BW, TP 0, CP 450 psi, 30/64" ck.

05/09/98 MIRU Delsco swabbing. ITP - 0 psi, ICP - 350 psi, IFL - 4500'. Make 13 swab runs with blow for 15 min after each run. Rec 20 bbls fluid. FFL 4900', pulling from 5100'. FTP - 0 psi, FCP - 275 psi, SI well to build press.  
DC: \$1,525 TC: \$49,806

05/10/98 SI for PBU. SITP 25 psi, SICP 650 psi.

05/11/98 SI for PBU. SITP 0 psi, SICP 750 psi.

05/12/98 SI for PBU. SITP 520 psi, SICP 850 psi.

05/13/98 SI for PBU. SITP 825 psi, SICP 875 psi.

05/14/98 Flwg 174 MCF, 12 BW, TP 100 psi, CP 500 psi, 30/64" ck.

05/15/98 Flwg 68 MCF, 18 BW, TP 120 psi, CP 550 psi, 30/64" ck.

05/16/98 SI for PBU. MIRU, ND WH. Ld 3 jts tbg. NU WH. SDFN  
DC: \$1,166 TC: \$50,972

05/17/98 Flwd 18 MCF, 0 BW, TP 700 psi, CP 725 psi, 30/64" ck, 4 hrs, SI for PBU.

05/18/98 Flwd 39 MCF, 32 BW, TP 50 psi, CP 550 psi, 30/64" ck, 6 hrs, SI for PBU.

05/19/98 Flwd 24 MCF, 30 BW, TP 50 psi, CP 420 psi, 30/64" ck, 6 hrs, SI for PBU.

05/20/98 Flwd 40 MCF, 30 BW, TP 80 psi, CP 420 psi, 30/64" ck, 24 hrs.

05/21/98 Flwg off casing. MIRU Delsco Wireline. RIH set collar stop @ 5072'. RIH w/Kinley tbg perforator and punch 4-30/64" holes from 5072' to 5070'. Move collar stop up one collar to 5040'. RD Delsco Wireline. Drop BS and plunger. TP - 390 psi, CP - 520 psi. Plunger would not come on the B valve. Left well flowing off the csg. After one hour CP - 88 psi and flow 0 MCFH. Flwg to clean-up.  
DC: \$1,525 TC: \$52,497

05/22/98 Flwg 0 MCF, 3 BW, FTP 500#, CP 618#, 30/64" ck

05/23/98 Flwg 85 MCF, 35 BW, FTP 170#, CP 445#, 30/64" ck.

05/24/98 Flwg 56 MCF, 30 BW, FTP 180#, CP 471#, 30/64" ck.

05/25/98 Flwg 65 MCF, 23 BW, FTP 72#, CP 450#, 30/64" ck.

05/26/98 Flwg 75 MCF, 28 BW, FTP 129#, CP 422#, 30/64" ck.

05/27/98 Flwg 73 MCF, 23 BW, FTP 148#, CP 400#, 30/64" ck.

05/28/98 Flwg 69 MCF, 2 BW, FTP 164#, CP 368#, 30/64" ck.

05/29/98 Flwg 97 MCF, 38 BW, FTP 173#, CP 320#, 30/64" ck.

05/30/98 Flwg 98 MCF, 17 BW, FTP 221#, CP 375#, 30/64" ck.

05/31/98 Flwg 104 MCF, 36 BW, FTP 152#, CP 299#, 30/64" ck. Prior production: 0. Drop from report, eval rod pump conversion. **Final Report.**

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

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

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

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

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

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

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

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

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

Bond # 400JU0708

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

(This space for State use only)

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

State of Delaware  
Office of the Secretary of State

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PAGE 1

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

RECEIVED

MAR 9 2001

DIVISION OF  
OIL, GAS AND MINING



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

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

CERTIFICATE OF AMENDMENT  
OF  
CERTIFICATE OF INCORPORATION

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

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

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

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

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

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

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

COASTAL OIL & GAS CORPORATION

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

Attest:

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

RECEIVED

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

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

**RECEIVED**

JUL 12 2001

**DIVISION OF  
OIL, GAS AND MINING**

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

JUL 10 2001.

### NOTICE

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

#### Name Change Recognized

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

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

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

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

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



Opolonia L. Abeyta  
Acting Chief, Branch of  
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

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

### Exhibit of Leases

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

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

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

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

**X** Merger

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

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

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

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

**WELL(S)**

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 290	43-047-32987	2900	03-10S-22E	FEDERAL	GW	P
NBU 46	43-047-30513	2900	04-10S-22E	FEDERAL	GW	P
NBU 85J	43-047-31246	2900	04-10S-22E	FEDERAL	GW	P
COG NBU 67	43-047-31737	2900	04-10S-22E	FEDERAL	GW	P
NBU 148	43-047-31983	2900	04-10S-22E	FEDERAL	GW	P
NBU 147	43-047-31984	2900	04-10S-22E	FEDERAL	GW	P
NBU 170	43-047-32169	2900	04-10S-22E	FEDERAL	GW	P
NBU 208	43-047-32343	2900	04-10S-22E	FEDERAL	GW	P
NBU 311	43-047-32837	2900	04-10S-22E	FEDERAL	GW	P
NBU 313	43-047-32838	2900	04-10S-22E	FEDERAL	GW	P
NBU 335	43-047-33724	2900	04-10S-22E	FEDERAL	GW	P
NBU CIGE 52-5-10-22	43-047-30531	2900	05-10S-22E	FEDERAL	GW	P
NBU CIGE 73D-5-10-22P	43-047-30952	2900	05-10S-22E	FEDERAL	GW	S
<b>NBU 140</b>	43-047-31947	2900	05-10S-22E	FEDERAL	GW	P
NBU 149	43-047-31982	2900	05-10S-22E	FEDERAL	GW	P
NBU 171	43-047-32115	2900	05-10S-22E	FEDERAL	GW	P
NBU 242	43-047-32944	2900	05-10S-22E	FEDERAL	GW	P
NBU CIGE 74D-6-10-22P	43-047-30953	2900	06-10S-22E	FEDERAL	GW	P
NBU 84V	43-047-31245	2900	06-10S-22E	FEDERAL	GW	S
NBU 116	43-047-31925	2900	06-10S-22E	FEDERAL	GW	P

**OPERATOR CHANGES DOCUMENTATION**

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



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.

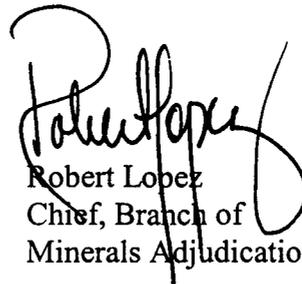
For our purposes, the name change is recognized effective December 31, 2001.

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.

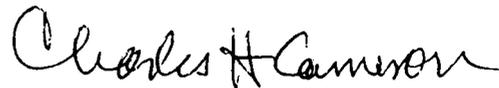
We have no objection.

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





# United States Department of the Interior

BUREAU OF INDIAN AFFAIRS  
Washington, D.C. 20240

FEB 1 0 2003

IN REPLY REFER TO:  
Real Estate Services

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

Dear Mr. Wilson:

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

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

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

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

Sincerely,

A handwritten signature in cursive script, appearing to read "Perry E. Brown".

Director, Office of Trust Responsibilities

**ACTING**

Enclosure



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO  
UT-922

February 27, 2003

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

Re: Natural Buttes Unit  
Uintah County, Utah

Gentlemen:

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

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

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

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

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

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

UT922:TAThompson:tt:02/27/2003

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

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

FORM 9

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

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

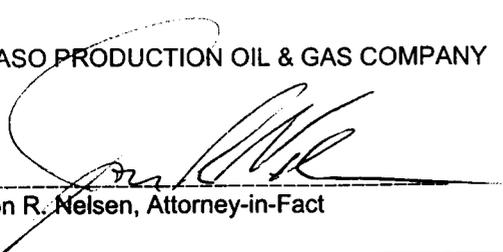
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

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

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

State Surety Bond No. RLB0005236  
Fee Bond No. RLB0005238

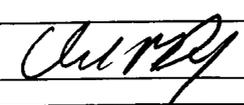
EL PASO PRODUCTION OIL & GAS COMPANY

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

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

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

(This space for State use only)

Form 3160-5  
(August 1999)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.  
**SEE ATTACHED EXHIBIT "A"**  
6. If Indian, Allottee or Tribe Name  
7. If Unit or CA/Agreement, Name and/or No.

**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)

8. Well Name and No.  
**SEE ATTACHED EXHIBIT "A"**  
9. API Well No.  
**SEE ATTACHED EXHIBIT "A"**  
10. Field and Pool, or Exploratory Area  
11. County or Parish, State  
**UINTAH COUNTY, UT**

**SEE ATTACHED EXHIBIT "A"**

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

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

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

RECEIVED  
MAR 04 2003

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

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

Title  
**OPERATIONS**

Signature  
*Cheryl Cameron*

Date  
**March 4, 2003**

DIV. OF OIL, GAS & MINING

THIS SPACE FOR FEDERAL OR STATE USE

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

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

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

(Instructions on reverse)

**OPERATOR CHANGE WORKSHEET**

1. GLH
2. CDW ✓
3. FILE

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

Designation of Agent/Operator

Operator Name Change

Merger

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

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

CA No.

Unit:

NATURAL BUTTES

**WELL(S)**

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 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
<b>NBU 140</b>	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
CIGE 178-5-10-22	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 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.*

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

6. If Indian, Allottee or Tribe Name

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

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

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

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

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

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

3a. Address **P.O. BOX 1148 VERNAL, UT 84078**  
3b. Phone No. (include area code) **(435) 781-**

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

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

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

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

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

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

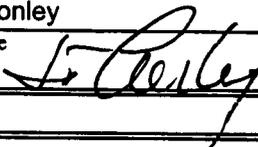
Westport Oil & gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

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

Name (Printed/Typed)

**J.T. Conley**

Signature



COPY SENT TO OPERATOR

Date: 9-16-03

Initials: CHD Date: 9-2-2003

Operations Manager

SEP 10 2003

DIV OF OIL GAS & MINING

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

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

Date

Date: 9/16/03

Federal Approval of This  
Action Is Necessary

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

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.

NBU 078	30-9-22 NWNW	U463	891008900A	430473176200S1
NBU 080V	34-9-22 NWSW	UTU0149077	891008900A	430473124000S1
NBU 081V	3-10-21 SWNW	U01194	891008900A	430473123200S1 ✓
NBU 083J	27-9-21 NESW	U01194A	891008900A	430473123500S1 ✓
NBU 084V	6-10-22 NWNE	UTU01195B	891008900A	430473124500S1
NBU 085J	4-10-22 SWNW	UTU01191A	891008900A	430473124600S1
NBU 086J	3-10-22 NENE	UTU01191A	891008900A	430473125100S1
NBU 087J	3-10-22 NESW	UTU01191	891008900A	430473125000S1
NBU 088V	26-9-21 NENE	U01194	891008900A	430473123300S1 ✓
NBU 093	33-9-22 NESE	UTU01191A	891008900A	430473175300S1
NBU 097	25-9-21 NENW	U01189	891008900A	430473174400S1 ✓
NBU 098V	34-9-21 SWSW	U01194A	891008900A	430473132700S1 ✓
NBU 099	25-9-21 SWSW	U01194	891008900A	430473174500S1 ✓
NBU 101	3-10-21 NWSE	UTU0149078	891008900A	430473175500S1
NBU 102	5-10-21 SESW	UTU01393D	891008900A	430473175700S1
NBU 1021-16G	16-10-21 SWNE	ML10755	891008900A	430473511100S1 ✓
NBU 1021-20	2-10-21 SWSE	ML13826	891008900A	430473511000S1 ✓
NBU 103	10-9-21 SENW	U0141315	891008900A	430473195600S1
NBU 104	16-9-21 SENE	ML3282	891008900A	430473195700S1
NBU 105	17-9-21 SWSW	UTU0575	891008900A	430473230200S1
NBU 106	21-9-21 NESW	UTU0576	891008900A	430473194600S1
NBU 107	26-9-21 SENW	U01194	891008900A	430473191600S1
NBU 108	19-9-22 SESE	UTU0284	891008900A	430473195800S1
NBU 109	27-9-21 SENE	U01194A	891008900A	430473191700S1 ✓
NBU 110	28-9-21 NENE	U05676	891008900A	430473192400S1
NBU 111	25-9-21 SWNW	U01194	891008900A	430473192000S1 ✓
NBU 112	33-9-22 SESE	UTU01191	891008900A	430473193000S1
NBU 113	34-9-22 SESE	UTU0149077	891008900A	430473193100S1
NBU 114	5-10-21 SWSW	UTU01393D	891008900A	430473192300S1
NBU 115	10-10-21 NENW	UTU0149079	891008900A	430473192900S1
NBU 116	6-10-22 NWNW	UTU464	891008900A	430473192500S1
NBU 117	10-10-22 NENE	U01197A	891008900A	430473191400S1
NBU 118	22-9-20 SENE	UTU0577B	891008900A	430473196900S1
NBU 119	22-9-20 SENW	UTU0577B	891008900A	430473197300S1
NBU 120	10-9-21 NWNW	U0141315	891008900A	430473197200S1
NBU 121	13-9-21 NWNE	U01193	891008900A	430473208600S1
NBU 122	13-9-21 SESE	U01193	891008900A	430473230300S1
NBU 123	15-9-21 NWNW	UTU01188	891008900A	430473197400S1
NBU 124	16-9-21 NWNE	ML3282	891008900A	430473197100S1
NBU 125	17-9-21 SESE	UTU0575	891008900A	430473235000S1
NBU 126	21-9-21 SENW	UTU0576	891008900A	430473234900S1
NBU 127	21-9-21 SWNW	UTU0576	891008900A	430473196300S1
NBU 128	21-9-21 SWSW	UTU0576	891008900A	430473196400S1
NBU 129	22-9-21 SENE	UTU010950A	891008900A	430473196500S1
NBU 130	22-9-21 SWNW	UTU0147566	891008900A	430473196700S1
NBU 131	23-9-21 NWSW	UTU0149075	891008900A	430473196600S1
NBU 132	26-9-21 NWNW	U01194	891008900A	430473193800S1 ✓
NBU 133	28-9-21 SWNE	U05676	891008900A	430473195000S1
NBU 134	28-9-21 SWSW	U05676	891008900A	430473201100S1
NBU 136	19-9-22 SWSE	UTU0284	891008900A	430473196800S1
NBU 137	30-9-22 SESE	ML22935	891008900A	430473193900S1 ✓
NBU 138A	33-9-22 SENE	UTU01191A	891008900A	430473215100S1
NBU 139	14-10-21 SWNE	UTU465	891008900A	430473194800S1
NBU 140	5-10-22 NWNE	UTU01191A	891008900A	430473194700S1
NBU 141	6-10-22 SENW	UTU464	891008900A	430473201700S1
NBU 142	10-10-22 NESE	UTU025187	891008900A	430473201300S1
NBU 143	10-9-21 SWNE	U0141315	891008900A	430473229700S1
NBU 144	23-9-21 NWNW	UTU0149075	891008900A	430473204400S1
NBU 145	27-9-21 NWNE	U01194A	891008900A	430473197600S1 ✓
NBU 146	14-10-21 SWNW	UTU465	891008900A	430473198500S1
NBU 147	4-10-22 NWSW	UTU01191	891008900A	430473198400S1
NBU 148	4-10-22 SESW	UTU01191	891008900A	430473198300S1

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

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

Project Name: **Condensate Shrinkage Economics**

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

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

**Increased OPX Per Year**

**Investment Breakdown:**

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

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

**Production & OPX Detail:**

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

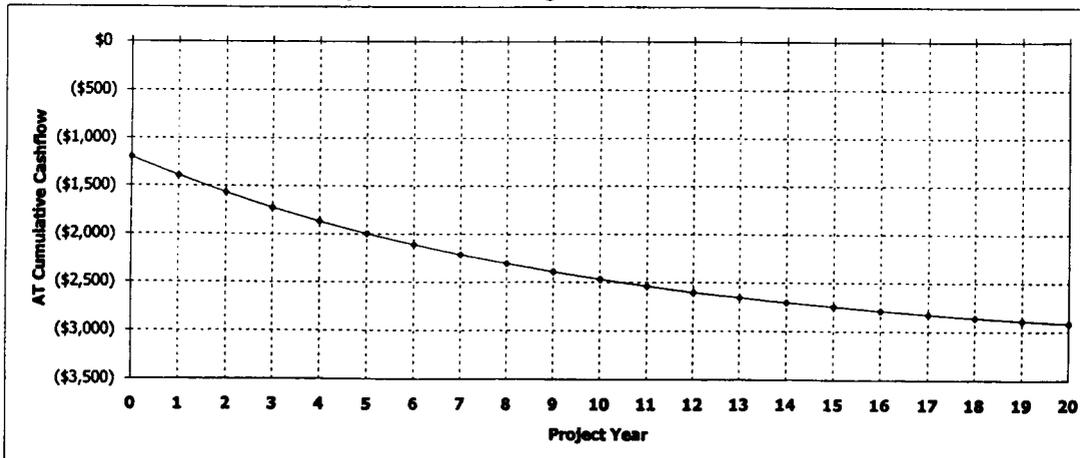
**Gross Reserves:**

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

**Notes/Assumptions:**

An average NBU well produces 0.192 Bcpd with no tank pressure. The production is increased to 0.194 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:

**1/6/2006**

<b>FROM: (Old Operator):</b> N2115-Westport Oil & Gas Co., LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024	<b>TO: (New Operator):</b> N2995-Kerr-McGee Oil & Gas Onshore, LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024
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WELL NAME	CA No.	SEC TWN RNG	API NO	Unit:	NATURAL BUTTES UNIT	LEASE TYPE	WELL TYPE	WELL STATUS

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- b. If **NO**, the operator was contacted on:
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- 5c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet

7. **Federal and Indian Units:**  
 The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006

8. **Federal and Indian Communization Agreements ("CA"):**  
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

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

**DATA ENTRY:**

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

**BOND VERIFICATION:**

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

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

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

**KERR-McGEE OIL & GAS ONSHORE LP**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7024**

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

**SEE ATTACHED**

5. Lease Serial No.

**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

**MUTIPLE WELLS**

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

**UINTAH COUNTY, UTAH**

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

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

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

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

**RECEIVED**

**MAY 10 2006**

DIV. OF OIL, GAS & MINING

**BLM BOND = C01203**  
**BIA BOND = RLB0005239**

**APPROVED 5/16/06**

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

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

Name (Printed/Typed)

**RANDY BAYNE**

Title

**DRILLING MANAGER**

Signature

Date

**May 9, 2006**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

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

Office

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Serial No.

**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

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

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

1. Type of Well

Oil Well  Gas Well  Other

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**

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

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 recomplate 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)

**BRAD LANEY**

Signature

Title

**ENGINEERING SPECIALIST**

Date

**May 9, 2006**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

*Brad Laney*

Title

Office

Date

**5-9-06**

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.



## United States Department of the Interior

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

IN REPLY REFER TO:

CO922 (MM)  
3106  
COC017387 et. al.

March 23, 2006

### NOTICE

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

#### Merger/Name Change - Recognized

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

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

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

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

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

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

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

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

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

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

**Attachment:**

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

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

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



# United States Department of the Interior



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

IN REPLY REFER TO:  
3106  
(UT-922)

March 27, 2006

## Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

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

Chief, Branch of  
Fluid Minerals

## Enclosure

Approval letter from BLM COSO (2 pp)

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

RECEIVED

MAR 28 2006

U.S. DEPT. OF THE INTERIOR

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Serial No.  
**UTU-01191A**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
**NBU 140**

9. API Well No.  
**4304731947**

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

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

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

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**NWNE SEC. 5, T10S, R22E 1031'FNL, 1879'FEL**

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

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

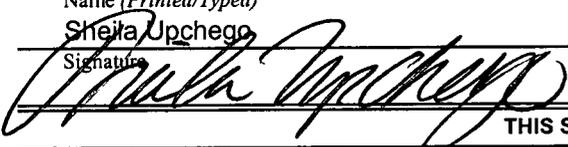
13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical 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.

The operator requests authorization to shut-in the subject well location. Gross production from the greater Natural Buttes area is currently constrained at roughly 215mmcf/d due to lack of export pipeline capacity. The field is capable of producing more gas than this, which results in frequent and widespread bottlenecked areas of high line pressure. This in turn causes numerous wells to log off of production, often requiring swab rigs to get them going again. Operating the field in this reactionary manner is very inefficient. The operator requests authorization to shut in wells strategically to alleviate this situation and utilize the resource more efficiently. A significant drop in production is not expected, as the field is constrained anyway. The subject well was selected on the basis of one or more of the following factors:

\*Located in a bottlenecked area; \*High intervention requirement relative to gas production, \*High water production  
Wells will be shut in for an indefinite period. As the constrained situation continues, different wells will be selected and subject wells will be returned to production in order to cycle the shut-ins around the field and allow well pressures to build up and assist with future production.

RECEIVED  
NOV 07 2006

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

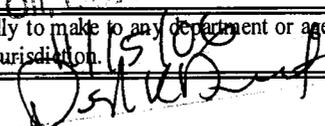
Name (Printed/Typed) <b>Sheila Upcheg</b>	Title <b>Regulatory Analyst</b>
Signature 	Date <b>November 3, 2006</b>

**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 <b>Accepted by the Utah Division of Oil, Gas and Mining</b>	Federal Approval Of This Action Is Necessary

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

BY: 

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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5. Lease Serial No.

UTU-01191A

6. If Indian, Allottee or Tribe Name

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

UNIT #891008900A  
NATURAL BUTTES UNIT

8. Well Name and No.

**NBU 140**

9. API Well No.

4304731947

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

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

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

**KERR MCGEE OIL & GAS ONSHORE LP**

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

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

NWNE SEC. 5, T10S, R22E 1031'FNL, 1879'FEL

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

TYPE OF SUBMISSION	TYPE OF ACTION				
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>SHUT-IN</u>	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
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THE SUBJECT WELL LOCATION WAS RETURNED BACK TO PRODUCTION ON 11/21/2006 AT 10:00 AM.

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

Name (Printed/Typed)

Sheila Upchege

Title

SENIOR LAND ADMIN SPECIALIST

Signature

Date

November 29, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

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

Office

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

(Instructions on reverse)

RECEIVED

DEC 06 2006

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

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

5. Lease Serial No.  
UTU-01191A

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

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

1. Type of Well

Oil Well  Gas Well  Other

8. Well Name and No.  
NBU 140

2. Name of Operator  
KERR MCGEE OIL & GAS ONSHORE LP

9. API Well No.  
4304731947

3a. Address  
1368 SOUTH 1200 EAST VERNAL, UTAH 84078

3b. Phone No. (include area code)  
435.781.7024

10. Field and Pool or Exploratory Area  
NATURAL BUTTES

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1031' FNL, 1879' FEL  
NW/NE, SEC. 5, T10S-R22E

11. Country or Parish, State  
UINTAH COUNTY, UTAH

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

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The operator requests authorization to plug and abandon the subject well location. The operator proposes to plug and abandon the existing well location to drill the twin location NBU 1022-5BT well location.

Please refer to the attached plug and abandon procedure.

**COPY SENT TO OPERATOR**

Date: 2.11.2009

Initials: KS

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

Name (Printed/Typed)  
SHEILA UPCHEGO

Title REGULATORY ANALYST

Signature

*Sheila Upchego*

Date 01/28/2009

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

Approved by

*D. K. [Signature]*

Title

*Pet. Eng.*

Date

*2/10/09*

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

*DOGm*

Federal Approval Of This  
Action Is Necessary

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

**RECEIVED**

(Instructions on page 2)

*A 200' plug shall be balanced across the base of the Parachute Creek member from 2800' to 2600' in accordance with Cause no. 190-5(b).*

**JAN 29 2009**

**DIV. OF OIL, GAS & MINING**

**NBU 140**  
**1031' FNL & 1879' FEL**  
**NWNE SEC.5, T10S, R22E**  
**Uintah County, UT**

**KBE:** 5163'  
**GLE:** 5151'  
**TD:** 6003'  
**PBTD:** 5960'

**API NUMBER:** 43-047-31947  
**LEASE NUMBER:** U-01191-A  
**WI:** 100.0000%  
**NRI:** 81.202949%

**CASING:** 12 1/4" hole  
 8.625" 24# K-55 @ 263' GL  
 Cemented w/ 180 sx Class G.

7.875" hole  
 5 1/2" 17# K-55 @ 5965',  
 Cemented production string w/ 1145 sx AG (yield 1.18 cuft/sx).  
 Circulated cmt to surface, floats held. TOC @ 200' per CBL.

**TUBING:** 2.375" 4.7# J-55 tubing landed at 5122', SN @ 5089'  
 CIBP @ 5220'

Tubular/Borehole	Drift inches	Collapse psi	Burst Psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1626	0.02173	0.00387
5 1/2" 17# K-55	4.892	4910	5320	0.9764	0.1305	0.02324
8.625" 24# K-55	7.972	1780	2950	2.6749	0.3575	0.0636
<b>Annular Capacities</b>						
2.375" tbg. X 5 1/2" 17# csg				0.7462	0.0997	0.01776
5.5" csg X 7.875 borehole				1.2978	0.1733	0.0309
5.5" csg X 8 5/8" 24# csg				1.4406	0.1926	0.0343

**GEOLOGIC INFORMATION:**

Formation	Depth to top, ft.
Uinta	Surface
Green River	1389'
Bird's Nest	1637'
Mahogany	2000'
Wasatch	4503'

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

USDW Elevation ~1000' MSL  
 USDW Depth ~4163' KBE

## PERFORATIONS:

Formation	Date	Top	Bottom	SPF	Status
Wasatch	April-91	4853			1 Open
Wasatch	April-91	4861			1 Open
Wasatch	April-91	4865			1 Open
Wasatch	April-91	5259			1 Open
Wasatch	April-91	5269			1 Open
Wasatch	April-91	5276			1 Open
Wasatch	April-91	5396			1 Open
Wasatch	April-91	5402			1 Open
Wasatch	April-91	5405			1 Open
Wasatch	April-91	5618			1 Open
Wasatch	April-91	5790			1 Open
Wasatch	April-91	5791			1 Open
Wasatch	April-91	5796			1 Open
Wasatch	April-91	5799			1 Open
Wasatch	April-91	5802			1 Open
Wasatch	April-91	5912			1 Open
Wasatch	April-91	5917			1 Open
Wasatch	April-91	5922			1 Open
Wasatch	April-91	5929			1 Open

## WELL HISTORY:

- Spud Well on 3/22/1991, TD'd 4/13/1991
- April 1991 – Perforated gross Wasatch interval f/ 4853' – 5929'. Broke down perfs w/ 4000 gals 3% Kcl & 38 ball sealers. Flowed well back on turned to sales on 4/25/1991, FTP 50#, CP 125#, 155 Mcfd, 0 BW
- Dec 1991 – Frac existing Wasatch interval w/ 264,000# 20/40 sand & 150,000 gal gel w/ 30% CO2. RTP.
- May 1993 – Ran PIP Tool for WSO (5345' – 5515'), EOT @ 5532'
- Feb 1994 – Removed PIP tool, ran 2 3/8" tbg to 4783'
- Jun 1994 – Ran 1 1/4" CT to 5800'
- Sep 1997 – Removed CT, Lowered Tbg and Installed PLE
- Apr 1998 – Squeeze casing leak @ 3311', fish CT (unsuccessful), land tbg @ 5192'. Perf tbg f/ 5072' – 5070'. RTP.
- Oct 1999 – Set CIBP @ 5220' (on top of fish), Land tbg w/ EOT @ 5122' & Acidize existing perfs, RTP.

## REMARKS:

- Land - This well is committed to the NB unit and produced from the unitized Wasatch and Mesaverde formations. There are no offset/footage issues for twins. OK to plug – Jason Rayburn 12/29/08
- Geology - All major pay sands stimulated. Any remaining reserves will be captured by twin well at a future date. BJK
- Green River Geology - OK to P&A. No behind pipe Green River potential identified. Well is located out of the main Green River producing trend. Location is not suitable for Birds Nest SWD due to TDS < 10,000 ppm in the area. S.P. Kelly 12/29/2008.
- Reservoir Engineering - As of 12-23-2008 (date of this review) the subject well was producing 4 Mcfd, 0 Bwpd. The well will be plugged in conjunction with

drilling the Twin NBU 1022-05BT, scheduled to be spud in March 2009. The 08YE Forecast showed Remaining Reserves of 0 Mmcf.

- Operations Engineering - Ok to P&A. Bennie Allen 12/29/08

## **NBU 140 PLUG AND ABANDON PROCEDURE**

### **GENERAL**

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

### **PROCEDURE**

**Note: An estimated 186 sx Class "G" cement needed for procedure**

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. PULL TBG & LD SAME. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL AND PREP FOR GYRO SURVEY.
3. RUN GYRO SURVEY.
4. **PLUG #1, ISOLATE WASATCH PERFORATIONS (4853' – 4865') & WASATCH TOP (4503')**: RIH W/ 5 1/2" CIBP. SET @ ~4803'. RELEASE CIBP, PUH 10', BRK CIRC W/ FRESH WATER. DISPLACE 79 SX CMT (90.05 CUFT) ON TOP OF PLUG. PUH ABOVE TOC (~4403'). REVERSE CIRCULATE W/ 10 PPG BRINE.
5. **PLUG #2, BASE OF USDW (~4163')**: PUH TO ~4263'. BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF 23 SX (26.10 CUFT.) AND BALANCE PLUG W/ TOC @ ~4063' (200' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ 10 PPG BRINE.
6. **PLUG #3, MAHOGANY TOP (~2000')**: PUH TO ~2100'. BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF 23 SX (26.10 CUFT.) AND BALANCE PLUG W/ TOC @ ~1900' (200' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ 10 PPG BRINE.
7. **PLUG #4, BIRD'S NEST TOP (~1637')**: PUH TO ~1737'. BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF 23 SX (26.10 CUFT.) AND BALANCE PLUG W/ TOC @ ~1537' (200' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ 10 PPG BRINE.
8. **PLUG #5, GREEN RIVER TOP (~1389')**: PUH TO ~1489'. BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF 23 SX (26.10 CUFT.) AND BALANCE PLUG W/ TOC @ ~1289' (200' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ 10 PPG BRINE..

9. **PLUG #6, SURFACE SHOE (275' KB) & SURFACE HOLE:** PUH TO ~450'. BRK CIRC W/ FRESH WATER. DISPLACE 25 SX (28.63 CUFT.) AND BALANCE PLUG W/ TOC @ ~ 231'. PUH ABOVE TOC. REVERSE CIRC. POOH W/ TBG. RIH W/ WIRELINE, PERFORATE @ ~200' W/ 4 SPF. POOH W/ WIRELINE. RU CEMENT SERVICE TO PROD CSG. PUMP 57 SX CMT (64.62 CUFT.) DN 5 1/2" CSG & UP 8 5/8" CSG ANNULUS TO SURFACE.
10. CUT OFF WELLHEAD AND INSTALL MARKER PER BLM GUIDELINES.
11. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB.

ALM 1/28/09

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
UTU01191A

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 & Abandon

2. Name of Operator  
KERR-MCGEE OIL & GAS ONSHORE-Mail: sheila.upchego@anadarko.com  
 Contact: SHEILA UPCHEGO

3. Address 1368 SOUTH 1200 EAST  
VERNAL, UT 84078  
 3a. Phone No. (include area code)  
Ph: 435-781-7024

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface NWNE 1031FNL 1879FEL  
 At top prod interval reported below NWNE 1031FNL 1879FEL  
 At total depth NWNE 1031FNL 1879FEL

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.  
UNIT 891008900A

8. Lease Name and Well No.  
NBU 140

9. API Well No.  
43-047-31947

10. Field and Pool, or Exploratory  
NATURAL BUTTES

11. Sec., T., R., M., or Block and Survey  
or Area Sec 5 T10S R22E Mer SLB

12. County or Parish  
UINTAH  
 13. State  
UT

14. Date Spudded  
03/22/1991  
 15. Date T.D. Reached  
04/13/1991  
 16. Date Completed  
 D & A  Ready to Prod.  
02/24/2009

17. Elevations (DF, KB, RT, GL)\*  
5151 GL

18. Total Depth: MD 6003 TVD  
 19. Plug Back T.D.: MD 5960 TVD  
 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 analysis)  
 Directional Survey?  No  Yes (Submit analysis)

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	8.625	24.0		263		180			
7.875	5.500	17.0		5964		1145			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

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

26. Perforation Record

Depth Interval	Amount and Type of Material

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

Depth Interval	Amount and Type of Material

28. Production - Interval A

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

28a. Production - Interval B

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

(See Instructions and spaces for additional data on reverse side)  
 ELECTRONIC SUBMISSION #67899 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
 \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*  
 RECEIVED  
 MAR 16 2009  
 DIV. OF OIL, GAS & MINING

28b. Production - Interval C

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

28c. Production - Interval D

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

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

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

32. Additional remarks (include plugging procedure):

THE SUBJECT WELL LOCATION WAS PLUG AND ABANDON TO DRILL THE TWIN LOCATION NBU 1022-05BT WELL.

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):

Electronic Submission #67899 Verified by the BLM Well Information System.  
For KERR-MCGEE OIL & GAS ONSHORE L, sent to the Vernal

Name (please print) SHEILA UPCHEGO Title OPERATIONS

Signature  Date 03/09/2009

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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.  
UTU01191A

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
NBU 140

9. API Well No.  
43-047-31947

10. Field and Pool, or Exploratory  
NATURAL BUTTES

11. County or Parish, and State  
JUNTAH COUNTY, UT

**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  
Contact: SHEILA UPCHEGO  
Email: sheila.upchego@anadarko.com

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 5 T10S R22E NWNE 1031FNL 1879FEL

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 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 recomplate 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.)

02/18/2009: MIRU NABORS 1431 BLOWED WELL DOWN TO PIT N/D W/H N/U BOPS R/U FLOORS AND TBG EQUIP. TOO H W/2 3/8" TBG TALL OUT LAY DN 11 JTS ON TRAILER AND 77 STANDS TOTAL OF 155 JTS ON LOC. SHUT WELL IN SDFN JSA-SAFETY MEETING #2 DAY 2. RU SLICKLINE RIH W/GYRO SURVEY FROM SURFACE TO 5200' RD SLICKLINE PU 5 1/2" CIBP TIH W/ 2 3/8" TBG LAYED ON CIBP SETTING TOOL. TIH OPEN END TO @4700' SHUT WELL IN SDFWE. JSA SAFETY MTG #3 DAY 3. RU PRO PETRO CEMENTERS (PLUG #1) 4803' MIX AND PMP 85 SX CMT W/SPOTTING CMT FROM 4803' TO 4057' P/O LAY DN 28 JT ON TRAILER REVERSE OUT TBG W/GETTING @ 1/2 BBL CMT BACK P/O LAY DN 35 JTS ON TRAILER. (PLUG #2) 2820' MIX & PMP 25 SX CMT W/SPOTTING CMT FROM 2820' TO 2600' P/O LAY DN 11 JTS ON TRAILER REVERSE OUT TBG W/GETTING @ 1/2 BBL CMT BACK P/O LAY DN 1 JTS ON TRAILER. (PLUG #3) 2100' MIX AND PMP 25 SX CMT W/SPOTTING CMT FROM 2100' TO 1880' P/O LAY DN 11 JTS ON TRAILER REVERSE OUT TBG W/GETTING @ 1/2 BBL CMT BACK P/O LAY DN 11 JTS ON TRAILER. (PLUG #4) 1744' MIX & PMP 52 SX CMT W/SPOTTING CMT FROM 1744' TO 1289' P/O LAY DN 19 JTS ON TRAILER REVERSE OUT TBG W/GETTING @ 1/2 BBL CMT BACK P/O LAY DN 22 JTS ON TRAILER. (PLUG #5) 450' MIX & PMP

14. I hereby certify that the foregoing is true and correct.  
Electronic Submission #67900 verified by the BLM Well Information System  
For KERR-MCGEE OIL & GAS ONSHORE L, sent to the Vernal

Name (Printed/Typed) SHEILA UPCHEGO Title OPERATIONS

Signature *[Signature]* Date 03/09/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

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

Office \_\_\_\_\_

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

RECEIVED

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

MAR 16 2009

DIV. OF OIL, GAS & MINI

**Additional data for EC transaction #67900 that would not fit on the form**

**32. Additional remarks, continued**

25 SX CMT W/SPOTTING CMT FROM 450' TP 220' P/O LAY DN 11 JTS ON TRAILER REVERSE OUT TBG W/GETTING @ 1BBL CMT BACK P/O LAY DN TBG ON TRAILER 165 JTS ON TRAILER. SHUT WELL IN SDFN JSA - SAFETY MEETING #4 DAY 4. R/U CASD HOLE WIRELINE RIH W/PERF GUN TAG CMT @226' PU PERF 5 1/2" CSG @200' RD WIRELINE. (PLUG #6) SURFACE PMP DN 5 1/2" CSG W/GETTING RETURN OUT SURFACE MIX & PMP 100 SX CMT DN CSG OUT SURFACE DUG OUT AROUND WELL HEAD CUT 8 5/8" & 5 1/2" CSG OFF TOP OFF CSG W/CMT WELD ON DRY HOLE MARKER COVER UP MARKER WELL IS P&A FOR DRILLING RIG. GPS: ELEVATION: 5134'; LAT: N 39" 58.953' LONG: W 109' 27.668' 165 JTS 2 3/8" J-55 TBG @5122' SENT TO PRS INSEPCION IN VERNAL UT. THE SUBJECT WELL LOCATION WAS PLUG AND ABANDON ON 02/24/2009, TO DRILL THE NBU 1022-05BT.