

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS FILE  WATER SANDS LOCATION INSPECTED OIL WELL SUB. REPORT/abd.

\* Location Abandoned - Well never drilled - 5-25-83

DATE FILED 2-20-81

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. U-0144868 INDIAN

DRILLING APPROVED: 4-16-81

SPUDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION: 4788' GR

DATE ABANDONED: LA 5-25-83

FIELD: Natural Buttes 3/86

UNIT:

COUNTY: Uintah

WELL NO. Natural Duck #4-15-9-20GR (4-15GR)

A.P.E.N.O. 43-047-30925

LOCATION 1995 FT. FROM (N)  LINE. 1980

FT. FROM (E)  LINE. SW NE 1/4 - 1/4 SEC. 15

| TWP. | RGE. | SEC. | OPERATOR | TWP. | RGE. | SEC. | OPERATOR                |
|------|------|------|----------|------|------|------|-------------------------|
|      |      |      |          | 9S   | 20E  | 15   | COASTAL OIL & GAS CORP. |

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface      1995' FNL / 1980' FEL (SW NE)  
 At proposed prod. zone      Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately 15 miles SE of Ouray, Utah

|   |       |                           |                     |  |        |
|---|-------|---------------------------|---------------------|--|--------|
| 16. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) | 1980' | 16. NO. OF ACRES IN LEASE | 480                 | 17. NO. OF ACRES ASSIGNED TO THIS WELL | 160    |
| 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.         | 1320' | 19. PROPOSED DEPTH        | 5250' (Green River) | 20. ROTARY OR CABLE TOOLS              | Rotary |

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 4788' Ungr. Gr.

22. APPROX. DATE WORK WILL START\*  
 March 31, 1981

5. LEASE DESIGNATION AND SERIAL NO.  
 U-0144868

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 Ute Tribe Surface

7. UNIT AGREEMENT NAME  
 N/A

8. FARM OR LEASE NAME  
 Natural Duck

9. WELL NO.  
 GOC 4-15-9-20 GR

10. FIELD AND POOL, OR WILDCAT  
 Natural Duck Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Section 15-T9S-R20E

12. COUNTY OR PARISH      13. STATE  
 Uintah      Utah

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE   | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT   |
|----------------|----------------|-----------------|---------------|--|
| 12-1/4"        | 9-5/8"         | 36#             | 200'          | 125 sacks  |
| 8-3/4", 7-7/8" | 4-1/2"         | 11.6#           | 5250'         | Sufficient cement to cover 200' above the uppermost hydrocarbon zone to protect the oil shale. |

Please see attached supplemental information:

- (1) 10-Point Program
- (2) 13-Point Program
- (3) BOP Schematic and Program
- (4) Survey Plat

**RECEIVED**  
 FEB 20 1981  
 DIVISION OF OIL, GAS & MINING

**APPROVED BY THE DIVISION OF OIL, GAS, AND MINING**

DATE: 4/13/81  
 BY: [Signature]

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

24. SIGNED [Signature] TITLE Drilling Manager DATE February 17, 1981  
 F. W. Heiser

(This space for Federal or State office use)

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

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*\* FILE NOTATIONS \*\*

DATE: March 16, 1981  
OPERATOR: Coastal Oil & Gas Corp.  
WELL NO: ~~685~~ 4-15-9-20GR  
Location: Sec. 15 T. 9S R. 20E County: Wintan

File Prepared:  Entered on N.I.D.:   
Card Indexed:  Completion Sheet:

API Number 43-047-30925

CHECKED BY:

Petroleum Engineer: Mike said to have jack sign apps

Director: OROB

Administrative Aide: C-3 spacing OK on index / Too close to Gas well - refer to plat / Need to check distance on #1 & #7

APPROVAL LETTER:

Bond Required:  Survey Plat Required:

Order No. \_\_\_\_\_ O.K. Rule C-3

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site

Lease Designation Feet Plotted on Map

Approval Letter Written

Hot Line  P.I.

April 16, 1981

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

Re: Well No. Natural Duck 4-15-9-20  
Sec. 15, T. 9S, R. 20E, SW NE  
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer  
Office: 533-5771  
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-30925.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Cleon B. Feight  
Director

CBF/ko  
cc: USGS

**DUPLICATE**

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

Form approved.  
Budget Bureau No. 42-R1425.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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 DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL  
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 SINGLE ZONE  MULTIPLE ZONE

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 At proposed prod. zone Same

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17. NO. OF ACRES ASSIGNED TO THIS WELL 160

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19. PROPOSED DEPTH 5250' (Green River)

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4788' Ungr. Gr.

22. APPROX. DATE WORK WILL START\* March 31, 1981

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U-0144868

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Ute Tribe Surface

7. UNIT AGREEMENT NAME  
N/A

8. FARM OR LEASE NAME  
Natural Duck

9. WELL NO.  
COG 4-15-9-20 GR

10. FIELD AND POOL, OR WILDCAT  
Natural Duck Field

11. SEC., T., R., M., OR BLEK. AND SURVEY OR AREA  
Section 15-T9S-R20E

12. COUNTY OR PARISH | 13. STATE  
Utah | Utah

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- (1) 10-Point Program
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- (3) BOP Schematic and Program
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RECEIVED  
MAY 5 1981  
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24. SIGNED F. W. Heiser TITLE Drilling Manager DATE February 17, 1981  
 (This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY \_\_\_\_\_ FOR E. W. GUYNN  
 CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_ TITLE DISTRICT ENGINEER DATE \_\_\_\_\_

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY  
 \*See Instructions On Reverse Side

NOTICE OF APPROVAL

Utah State 046

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

Cody

FROM: DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH  
TO: DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH  
SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-0144568  
WELL NO. COG 4-15-9-20 GR

OPERATOR: Coastal Oil and Gas  
LOCATION: C. SW 1/4 NE 1/4 sec. 15, T. 9S, R. 30E, 50M  
Uintah County, Utah

1. Stratigraphy:

Uintah surface  
Green River 1790'  
TD 5250'

2. Fresh Water:

Fresh water may be present in the Uintah.

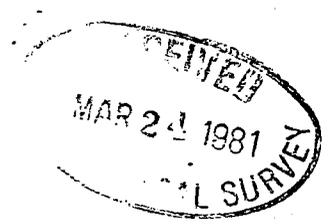
3. Leasable Minerals:

Oil Shale: Green River. The Mahogany zone should occur at ~4575'.  
Saline Minerals: Green River. These may occur in an 800' rock interval immediately overlying the Mahogany.  
Oil: Green River

4. Additional Logs Needed: Adequate

5. Potential Geologic Hazards: None expected

6. References and Remarks:



Signature: Gregory W. Wood Date: 3-13-81

United States Department of the Interior  
Geological Survey  
2000 Administration Bldg.  
1745 West 1700 South  
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Coastal Oil and Gas Corporation

Project Type Oil Well Development - Natural Buttes

Project Location 1995' FNL 1980' FEL Section 15, T. 9S, R. 20E.

Well No. 4-15 Lease No. U-0144868

Date Project Submitted February 20, 1981

FIELD INSPECTION Date April 1, 1981

Field Inspection Participants Craig Hansen USGS, Vernal

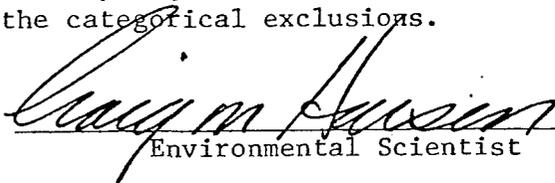
Lynn Hall BIA, Ft. Duchesne

Dempsey Day Coastal Oil and Gas

Related Environmental Documents: \_\_\_\_\_

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

April 3, 1981  
Date Prepared

  
Environmental Scientist

I concur  
4/13/81  
Date

  
District Supervisor

Typing In 4-3-81 Typing Out 4-3-81

Rec 4/10

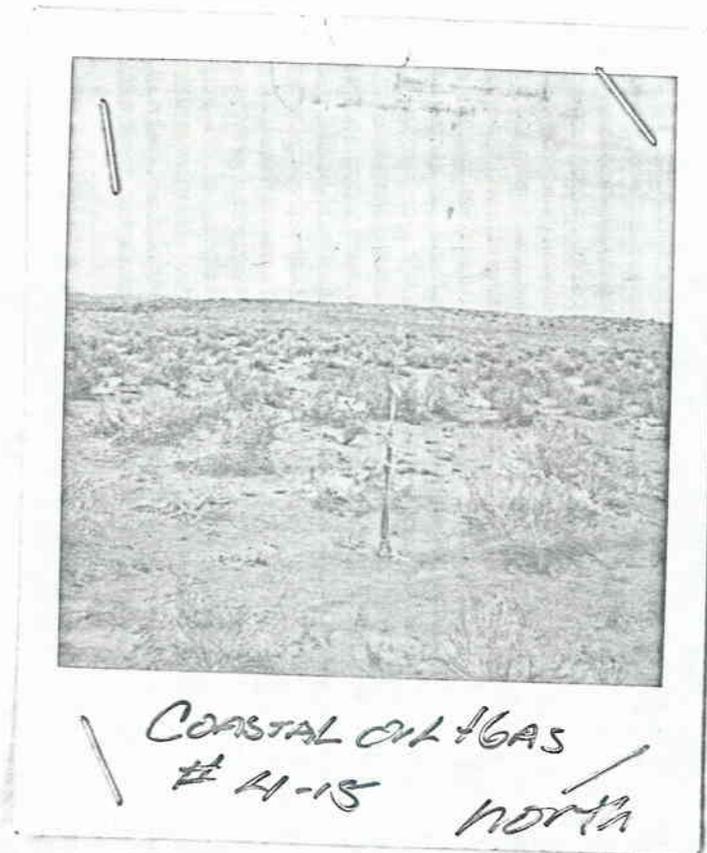


CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey  
(Conservation Division, Geological Division, Water Resource Division,  
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement

RECOMMENDED STIPULATIONS FOR COASTAL OIL & GAS #4-15

1. Adhere to standard BIA Surface Stipulations.
2. Topsoil will be placed on the south edge of the location and seeded to insure later rehabilitation efforts.
3. Production tanks will be painted a tan color to blend in with the natural surroundings.
4. Flowlines will follow existing access roads to transmission line to the west of the location.



1. Geologic name of surface formation:

UINTA

2. The estimated tops of important geologic markers:

GREEN RIVER - 1790'

3. The estimated depths at which anticipated water, oil, gas are expected to be encountered:

Green River

1790'

GAS

4. The proposed casing program, including the size, grade, and weight per foot each string and whether new or used:

9-5/8" - K-55, ST&C - 36# NEW

4-1/2" - N-80, LT&C - 11.6# NEW

5. The Operators' minimum specifications for pressure control equipment which is to be used, a schematic diagram thereof showing sizes, pressure ratings, and testing procedures and testing frequency:

Bottom:

3000# BOP W/4-1/2" pipe rams  
3000# BOP W/blind rams  
3000# Hydril

Top:

Grant rotating head

Manifold includes appropriate valves, positive and adjustable chokes and kill line to control abnormal pressures.

BOP's will be tested at installation and will be cycled on each trip.

6. The type and characteristics of the proposed circulating medium to be employed for rotary drilling and the quantities and types of mud and weighting material to be maintained:

COG 4-15-9-20 GR

6. Continued --

The well will be drilled with fresh water from surface to 4500' with a weight of 8.3 to 8.7 . From 4500' to TD the well will be drilled with fresh wtr mud with a weight from 8.7 to 10.4 . Sufficient weighting material (barite) will be on location to increase the mud weight if abnormal pressure is encountered.

7. The auxiliary equipment to be used:

- a. kelly cock
- b. monitoring equipment on the mud system
- c. a sub on the floor with a full opening valve to be stabbed into the drill pipe when the kelly is not in the string.

8. The testing, logging and coring program to be followed:

No DST's are planned  
No cores are expected to be cut.

LOGS: Dual Induction Laterolog  
Compensated Neutron-Formation Density

9. Any anticipated abnormal pressures or temperatures expected to be encountered:

No abnormal pressures or temperatures expected  
No hydrogen sulfide expected

10. The anticipated starting date and duration of the operation:

March 31, 1981                      3 weeks' duration

COASTAL OIL & GAS CORPORATION

13 Point Surface Use Plan

for

Well Location

C.O.G. #4-15-9-20 GR

Located In

Section 15, T9S, R20E, S.L.B.& M.

Uintah County, Utah

COASTAL OIL & GAS CORP.  
C.O.G. #4-15-9-20 GR  
Section 15, T9S, R20E, S.L.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach COASTAL OIL & GAS CORP., well location site C.O.G. #4-15-9-20 GR. located in the SW 1/4 NE 1/4 Section 15, T9S, R20E, S.L.B. & M., Uintah County, Utah:

Proceed Westerly out of Vernal, Utah along U.S. Highway 40 - 14 miles to the junction of this road and Utah State Highway 209; proceed South along Utah State Highway 209 - 7 miles more or less to the junction of this Highway 88 - 10 miles to Ouray, Utah; proceed along South on a county road known as the Seep Ridge Road + 3.5 miles to the junction of this road and an existing road to the East; proceed East along this road 2.0 miles to its junction with a road to the North; proceed North along this road 0.4 miles to its junction with the beginning of the proposed access road (to be discussed in item #2).

The aforementioned dirt oil field service road and other roads in the vicinity are constructed out of native materials that are prevalent to the areas they are located in and range from clays to a sandy-clay shale material.

There is no anticipated construction on any portion of the above described roads. They will meet the necessary standards required to facilitate an orderly flow of traffic during the drilling phase, completion phase, and production phase of this well at such time that production is established.

The roads that are required for access during the drilling phase, completion phase, and production phase of this well, will be maintained at the standards required by the B.I.A. or other controlling agencies.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed access road leaves the existing road described in Item #1 in the SW 1/4 NE 1/4 Section 15, T9S, R20E, S.L.B. & M., and proceeds in a Southeasterly direction 100' + to the proposed location site.

In the order to facilitate the anticipated traffic flow necessary to drill and produce this well, the following standards will be met:

The proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

The road will be centerline flagged prior to the commencement of construction.

There will be no culverts required along this access road.

The grade of this road is relatively flat but will not exceed 8%. This road will be constructed from native borrow accumulated during construction.

There will be no turnouts required along this road.

There are no fences encountered along this road, there will be no new cattleguards or gates required.

The terrain that this access road traverses is relatively flat.

All lands involved under this action are under B.I.A. jurisdiction.

The vegetation of this route consists of sparse amounts of sagebrush, rabbitbrush, some grasses, and cacti with large areas that are devoid of vegetation.

### 3. EXISTING WELLS

There are twenty known producing gas wells and two abandoned wells within a one mile radius of this location site. See Topographic Map "B" for the location of these wells relative to the proposed location site.

There are no water wells, temporarily abandoned wells, disposal wells, drilling wells shut-in wells, injection wells, monitoring or observation wells for other resources located within a one-mile radius of this location site.

### 4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES

At the present time there are other COASTAL OIL & GAS CORP. Production facilities, and gas gathering lines, tank batteries, oil gathering lines, injection lines or disposal lines within a one-mile radius.

In the event that production of this well is established the existing area of the location will be utilized for the establishment of the necessary production facilities.

The total area that is needed for the production of this well will be fenced and cattleguards will be utilized for access to these facilities.

COASTAL OIL & GAS CORP.  
C.O.G. #4-15-9-20 GR  
Section 15, T9S, R20E, S.L.B. & M.

The area will be built if possible, with native materials and if these materials are not available, then the necessary arrangements will be made to get them from private sources.

The proposed gas flowline will be an 18' right-of-way. It is not known at this time where the proposed flowline will run.

If there is any deviation from the above, all appropriate agencies will be notified.

Rehabilitation of disturbed areas no longer needed for operations after construction is completed will meet the requirements of Item #10.

#### 5. LOCATION AND TYPE OF WATER SUPPLY

See Topographic Map "A".

Water to be used for the drilling and production of this well will be hauled from the White River in Section 4, T9S, R20E, S.L.B. & M. approximately 4.3 miles by road North of the proposed location site. This water will be hauled by truck over existing roads and the proposed access road.

All regulations and guidelines will be followed and no deviations will be made unless all concerned agencies are notified.

There will be no water well drilled at this location site.

#### 6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

#### 7. METHODS OF HANDLING WASTE DISPOSAL

A reserve pit shall be constructed, and at least half of the depth of the reserve pit shall be below the existing ground surface. All trash and flammable materials will be contained in a portable trash basket. Non-flammable material such as cuttings, salts, chemicals, etc., will be buried in the reserve pit and covered with a minimum of four feet of earth material. Prior to the onset of drilling, the reserve pit will be fenced on three sides. Upon completion of drilling the fourth side of the reserve pit will be fenced and allowed to dry completely before backfilling and reclamation is attempted.

COASTAL OIL & GAS CORP.  
C.O.G. #4-15-9-20 GR  
Section 15, T9S, R20E, S.L.B. & M.

A portable chemical toilet will be supplied for human waste.

All produced oil from this well will be contained in the storage tank and will be sold. Water if any which is produced will be run into the a reserve pits as required in the NTL-2B Regulations.

#### 8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

#### 9. WELL SITE LAYOUT

See attached location layout sheet.

The B.I.A. Representative shall be notified before any construction begins on the proposed location site and road.

As mentioned in Item #7, the pits will unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

#### 10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash basket shall be hauled to the nearest sanitary landfill. The reserve pit will be completely fenced and allowed to dry before covering. When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.I.A. Representative when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Item #7 and #10.

11. OTHER INFORMATION

The Topography of the General Area - (See Topographic Map "A")

The area slopes from the rim of the Book Cliff Mountains to the South to the White River to the North, and is a portion of the Roan Plateau. The area is interlaced with numerous canyons and ridges which are extremely steep with numerous ledges formed in sandstone, conglomerates, and shale deposits.

The majority of the washes and streams in the area are non-perennial in nature with the only one in the area having a year round flow being the White River to the North, of which the numerous washes, draws and non-perennial streams are tributaries to.

The majority of the surrounding drainages are of a non-perennial nature with normal flow limited to the early spring and extremely rare heavy thunderstorms, or rainstorms of high intensity that lasts over an extended period of time and are extremely rare in nature as the normal annual precipitation is only 8".

All drainages in the immediate area are non-perennial streams and flow to the North and are tributaries to the White River.

The soils of this semi-arid area are of the Uinta Formation and Duchesne River Formation (the Fluvial Sandstone and Mudstone) from the Eocene Epoch and Quaternary Epoch (gravels surfaces) and the visible geologic structure consists of light brownish-gray clays (OL) to sandy soils (SM-ML) with poor gravels and shales with outcrops of rock (sandstone, mudstone, conglomerates and shales).

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area are common of the semi-arid region we are located in and in the lower elevations of the Uintah Basin. It consists of, as primary flow areas of sagebrush, rabbitbrush, some grasses, and cacti and large areas of bare soils devoid of any growth in the areas away from and in the vicinity of non-perennial streams and along the areas that are formed along the edges of perennial streams, cottonwood, willows, tamarack sagebrush, rabbitbrush, grasses and cacti can be found.

The fauna of the area is sparse and consists predominantly of the mule deer, coyotes, pronghorn antelope, rabbits, and varieties of small ground squirrels and other types of rodents, and various reptiles common to this area.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The area is used by man for the primary purpose of grazing domestic livestock.

The Topography of the Immediate Area - (See Topographic Map "B").

C.O.G. #4-15-9-20 GR. location site sits on a relatively flat area, approximately 2 miles South of the White River.

The geologic structure of the location is of the Uinta Formation and consists of light brownish-gray clay (SP-PL) with some sandstone outcrops.

The ground slopes from the South through the location to the North at approximately a 2.6% grade

The location is covered with some sagebrush and grasses.

The total surface ownership affected by this location is owned by the B.I.A.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

F. W. Heiser  
COASTAL OIL & GAS CORP.  
P.O. Box 749  
Denver, CO. 80201

1-303-572-1121

13. CERTIFICATION

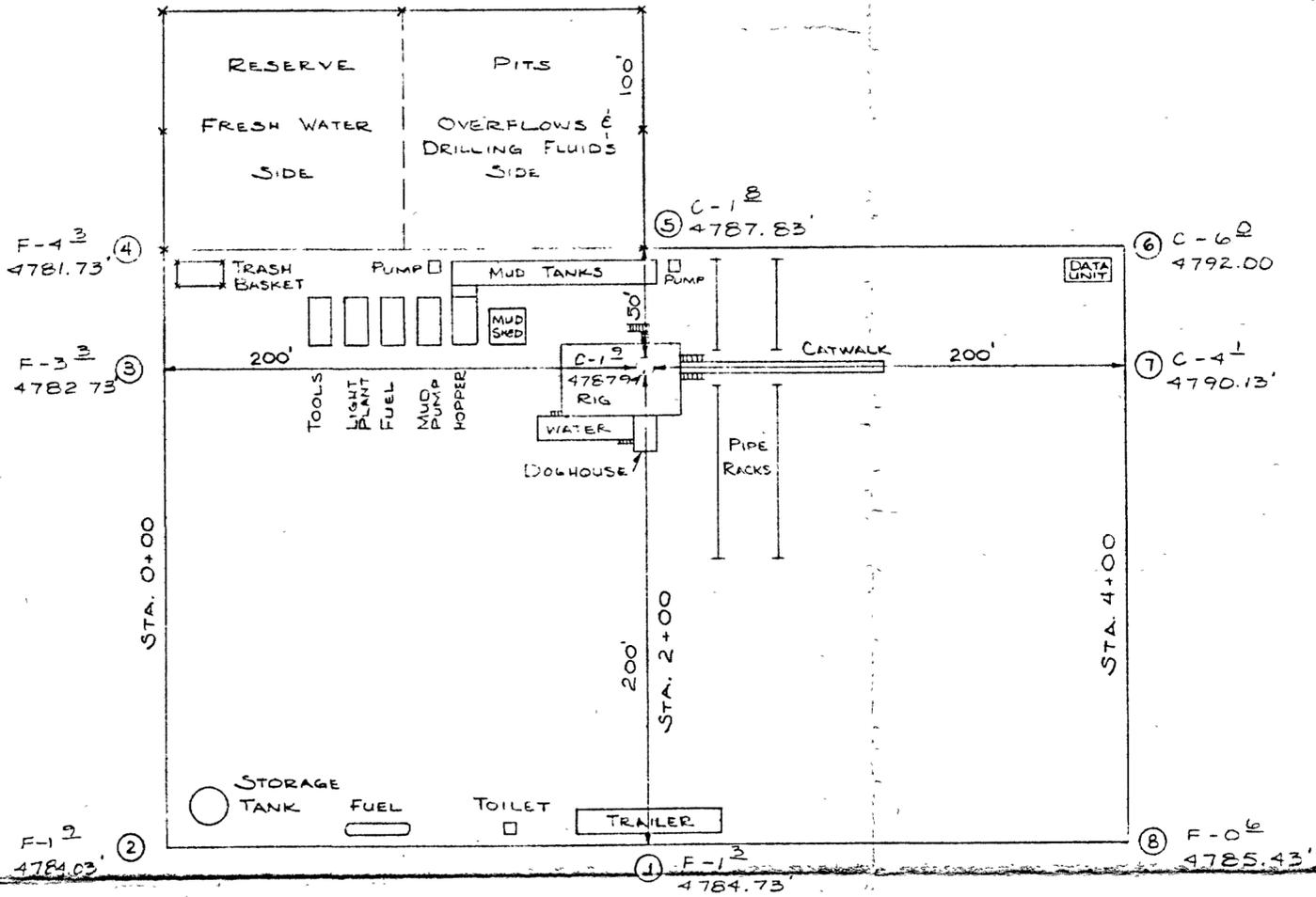
I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge true and correct; and that the work associated with the operation proposed herein will be performed by COASTAL OIL & GAS CORPORATION and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

Date

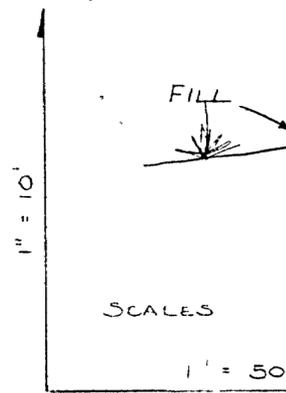
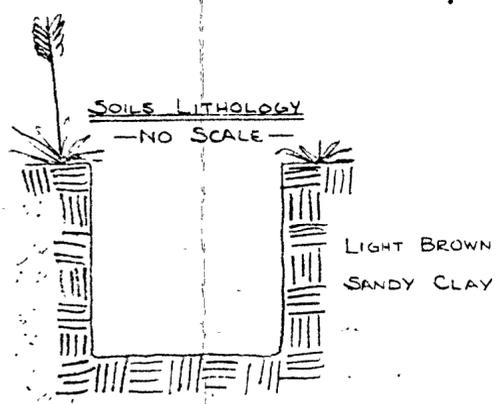
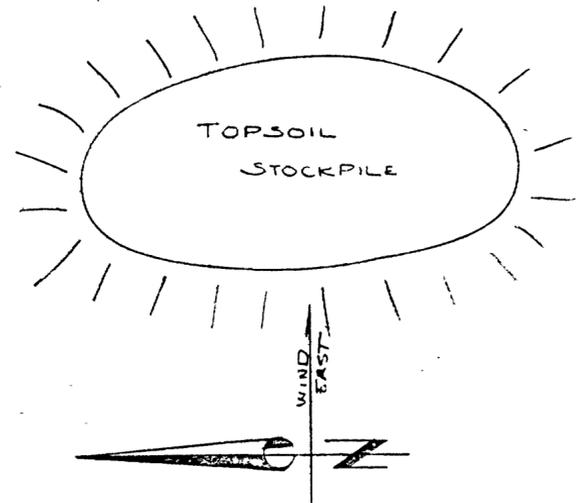
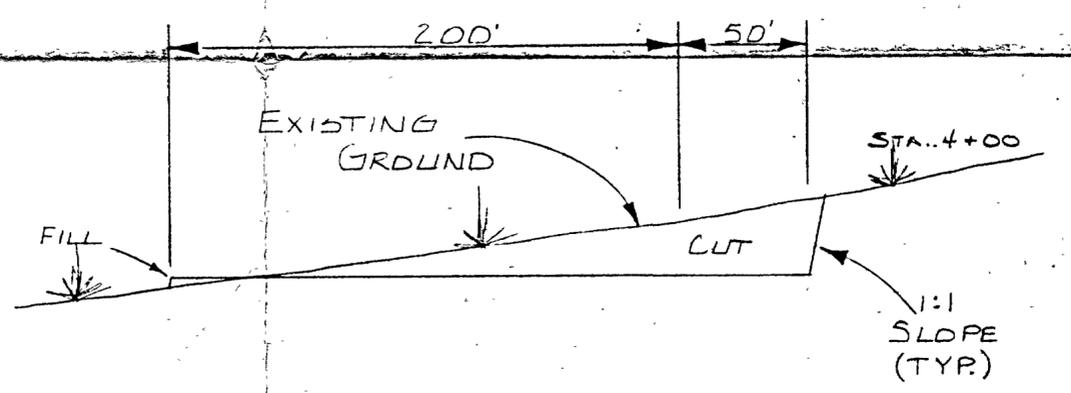
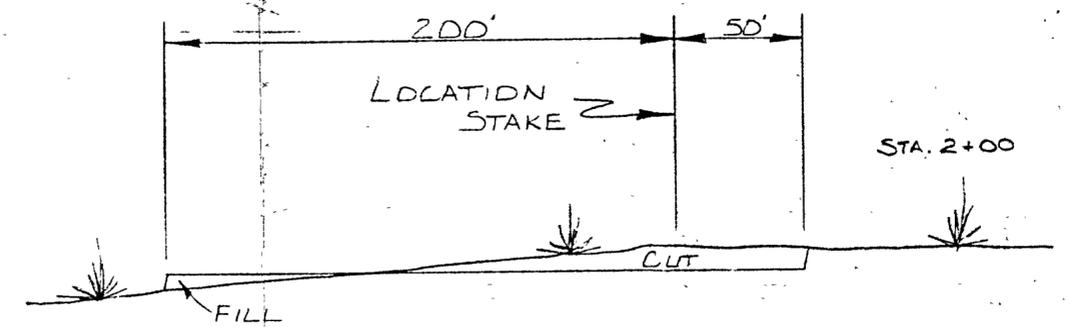
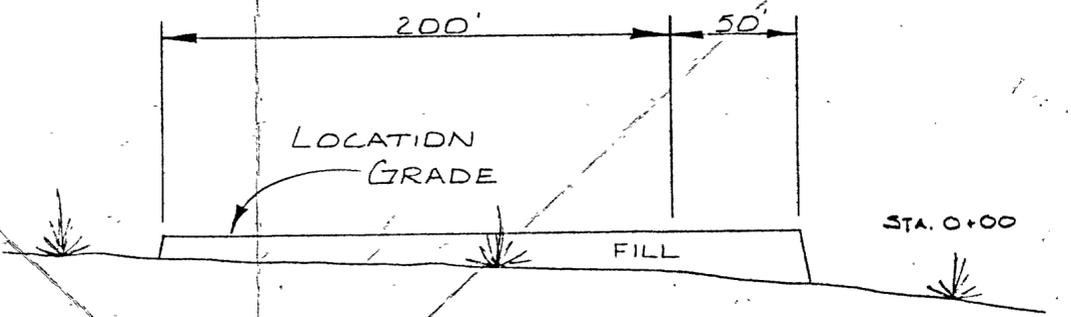
2/17/81



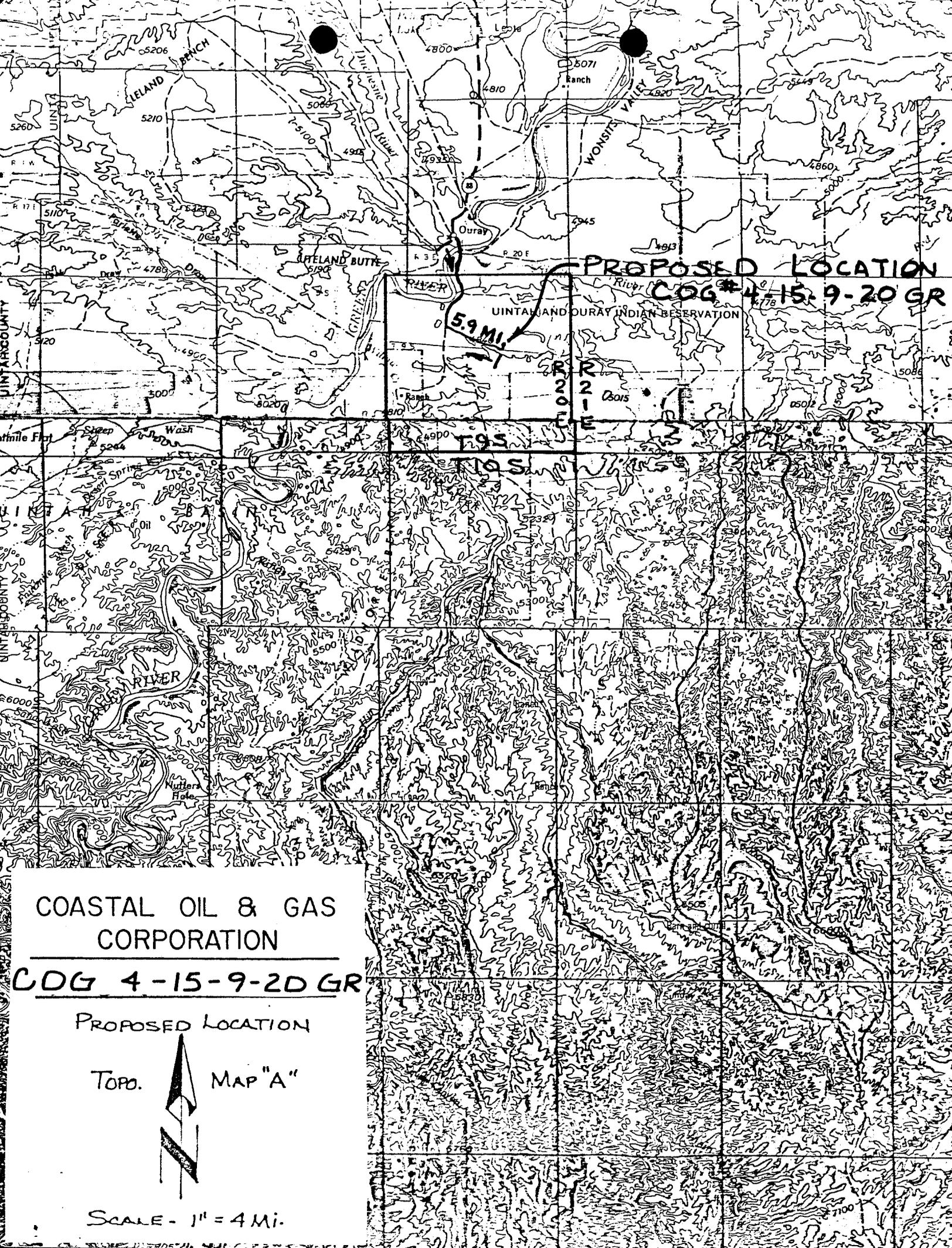
F. W. Heiser  
Drilling Manager



CROSS SECTIONS



APPROXIMATE YARDAGES  
CUBIC YARDS OF CUT - 3931  
CUBIC YARDS OF FILL - 3085



PROPOSED LOCATION  
COG 4-15-9-20 GR

5.9 MI

UINTELA AND OURAY INDIAN RESERVATION

R  
2  
1  
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9  
5  
T  
O  
S

COASTAL OIL & GAS  
CORPORATION

COG 4-15-9-20 GR

PROPOSED LOCATION

TOPO.

MAP "A"



SCALE - 1" = 4 MI.



**BLOWOUT PREVENTER PROGRAM:**

Operator's minimum specifications for pressure control equipment which is to be used, a schematic diagram thereof showing sizes, pressure ratings, and testing procedures and testing frequency.

**Bottom:**

3000# BOP W/4-1/2" pipe rams  
3000# BOP W/blind rams  
3000# Hydril

**Top:**

Grant rotating head

Manifold includes appropriate valves, positive and adjustable chokes and kill line, to control abnormal pressures.

BOP's will be tested at installation and will be cycled on each trip.

The type and characteristics of the proposed circulating medium to be employed for rotary drilling and the quantities and types of mud and weighting material to be maintained:

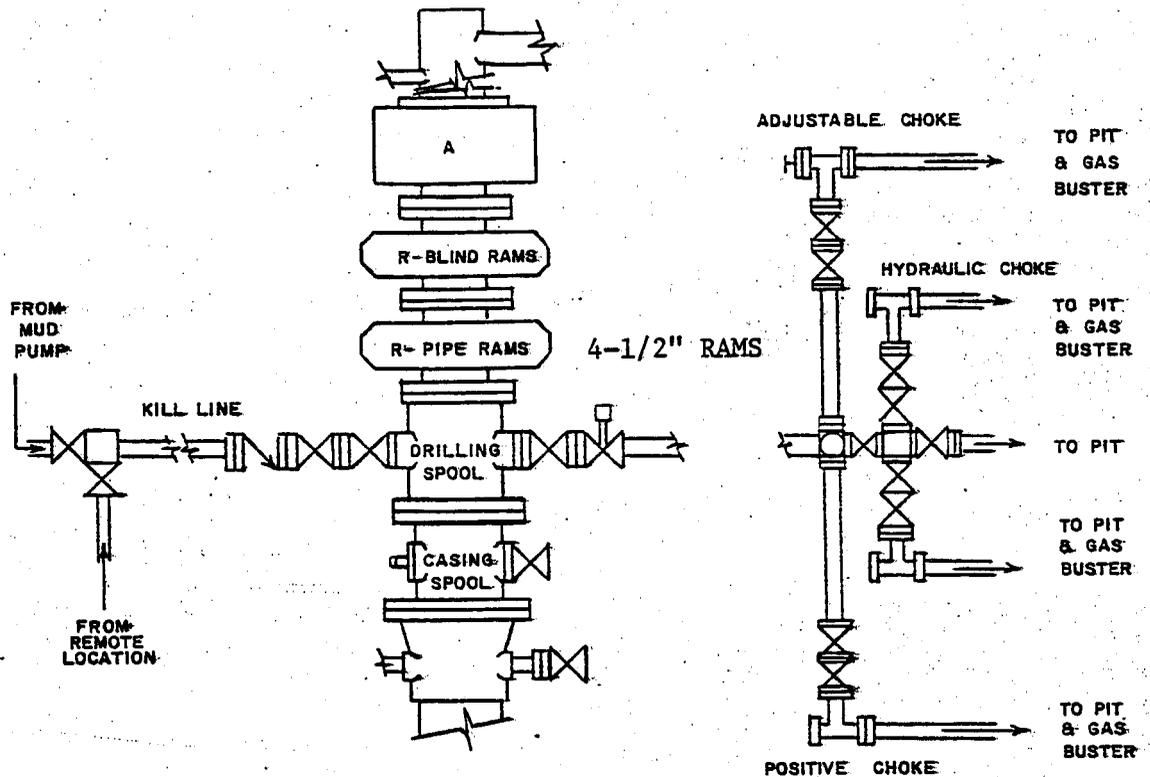
The well will be drilled with fresh water mud from surface to 4500' with a weight of 8.3 to 8.7 ppg. From 4500' to TD the well will be drilled with fresh water mud with a weight from 8.7 to 10.4 ppg.

**Auxiliary equipment to be used:**

- a. kelly cock
- b. monitoring equipment on the mud system
- c. a sub with a full opening valve will be available on the floor to stab into the drill pipe when the kelly is not in the string.

3000 psi

Working Pressure BOP's



### Test Procedure

- 1) Flush BOP's and all lines to be tested with water.
- 2) Run test plug on test joint and seat in casing head (leave valve below test plug open to check for leak).
- 3) Test the following to rated pressure:
  - a) inside blowout preventer
  - b) lower kelly cock
  - c) upper kelly cock
  - d) stand pipe valve
  - e) lines to mud pump
  - f) kill line to BOP's
- 4) Close and test pipe rams to rated pressure.
- 5) Close and test Hydril to rated pressure.
- 6) Back off and leave test plug in place. Close and test blind rams to rated pressure.
- 7) Test all choke manifold valves to rated pressure.
- 8) Test kill line valves to rated pressure.



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon E. Fulght, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

December 22, 1981

Coastal Oil and Gas Corporation  
P. O. Box 749  
Denver, Colorado 80201

Re: See attached

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Cari Furse".

Cari Furse  
Clerk Typist

Well No. Lawson #2-28-1-1  
Sec. 28, T. 1S, R. 1W  
Duchesne County, Utah

Well No. Natural Duck 4-15-9-20  
Sec. 15, T. 9S, R. 20E  
Uintah County, Utah

Well No. Natural Buttes Unit #55  
Sec. 21, T. 9S, R. 21E  
Uintah County, Utah

Well No. Natural Buttes Unit #56  
Sec. 28, T. 9S, R. 21E  
Uintah County, Utah

Well No. Natural Buttes Unit #48  
Sec. 18, T. 9S, R. 22E  
Uintah County, Utah

Well No. Natural Buttes Unit #52  
Sec. 30, T. 9S, R. 22E  
Uintah County, Utah

Well No. Natural Buttes Unit #42  
Sec. 25, T. 10S, R. 20E  
Uintah County, Utah

Well No. Natural Buttes Unit #51  
Sec. 30, T. 10S, R. 21E  
Uintah County, Utah

Well No. Natural Buttes Unit #41  
Sec. 31, T. 10S, R. 21E  
Uintah County, Utah

Well No. Natural Buttes #49  
Sec. 32, T. 10S, R. 21E  
Uintah County, Utah

Well No. Natural Buttes #60  
Sec. 35, T. 10S, R. 21E  
Uintah County, Utah

Well No. Natural Buttes Unit #24  
Sec. 12, T. 10S, R. 22E  
Uintah County, Utah

Well No. Natural Buttes Unit #58  
Sec. 27, T. 10S, R. 22E  
Uintah County, Utah

Well No. Natural Buttes Unit #47  
Sec. 30, T. 10S, R. 22E  
Uintah County, Utah

Geri:

The only well out of those listed that has been spudded is Natural Buttes Unit #58 on December 12, 1981. The rest are planned to be drilled in 1982.

The necessary forms for NBU #58 have already been sent.

Tracy Dawe

RECEIVED

DEC 30 1981

DIVISION OF  
OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface 1995' FNL / 1980' (SW NE)  
 At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately 15 miles SE of Ouray, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1980'

16. NO. OF ACRES IN LEASE 480

17. NO. OF ACRES ASSIGNED TO THIS WELL 160

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1320'

19. PROPOSED DEPTH 5250' (Green River)

20. ROTARY OR CABLE TOOLS Rotary

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

22. APPROX. DATE WORK WILL START\* May 1, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE   | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH |
|----------------|----------------|-----------------|---------------|
| 12-1/4"        | 9-5/8"         | 36#             | 200'          |
| 8-3/4", 7-7/8" | 4-1/2"         | 11.6#           | 5250'         |

QUANTITY OF CEMENT  
 125 sacks  
 Sufficient cement to cover 200' above the uppermost hydrocarbon zone to protect the oil shale.

Please see attached supplemental information:

- (1) 10-Point Program
- (2) 13-Point Program
- (3) BOP Schematic and Program
- (4) Survey Plat

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 H. E. Aab TITLE District Drilling Manager DATE April 14, 1982

(This space for Federal or State office use)

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

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

MINERALS MANAGEMENT SERVICE  
OIL & GAS OPERATIONS RECEIVED

7  
APR 19 1982

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface      1995' FNL / 1980' (SW NE)  
 At proposed prod. zone      Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately 15 miles SE of Ouray, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)      1980'  
 16. NO. OF ACRES IN LEASE      480  
 17. NO. OF ACRES ASSIGNED TO THIS WELL      160

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.      1320'  
 19. PROPOSED DEPTH      5250' (Green River)  
 20. ROTARY OR CABLE TOOLS      Rotary

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

22. APPROX. DATE WORK WILL START\*  
 May 1, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE   | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT   |
|----------------|----------------|-----------------|---------------|--|
| 12-1/4"        | 9-5/8"         | 36#             | 200'          | 125 sacks  |
| 8-3/4", 7-7/8" | 4-1/2"         | 11.6#           | 5250'         | Sufficient cement to cover 200' above the uppermost hydrocarbon zone to protect the oil shale. |

Please see attached supplemental information:

- (1) 10-Point Program
- (2) 13-Point Program
- (3) BOP Schematic and Program
- (4) Survey Plat

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 H. E. Aab TITLE District Drilling Manager DATE April 14, 1982

(This space for Federal or State office use)

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

APPROVED BY [Signature] FOR E. W. GUYNN  
 CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_ TITLE DISTRICT OIL & GAS SUPERVISOR DATE APR 23 1982

THIS RE-APPROVAL IS SUBJECT TO ALL OF THE CONDITIONS OF APPROVAL ORIGINALLY APPROVED ON MAY 1, 1981.

NOTICE OF APPROVAL

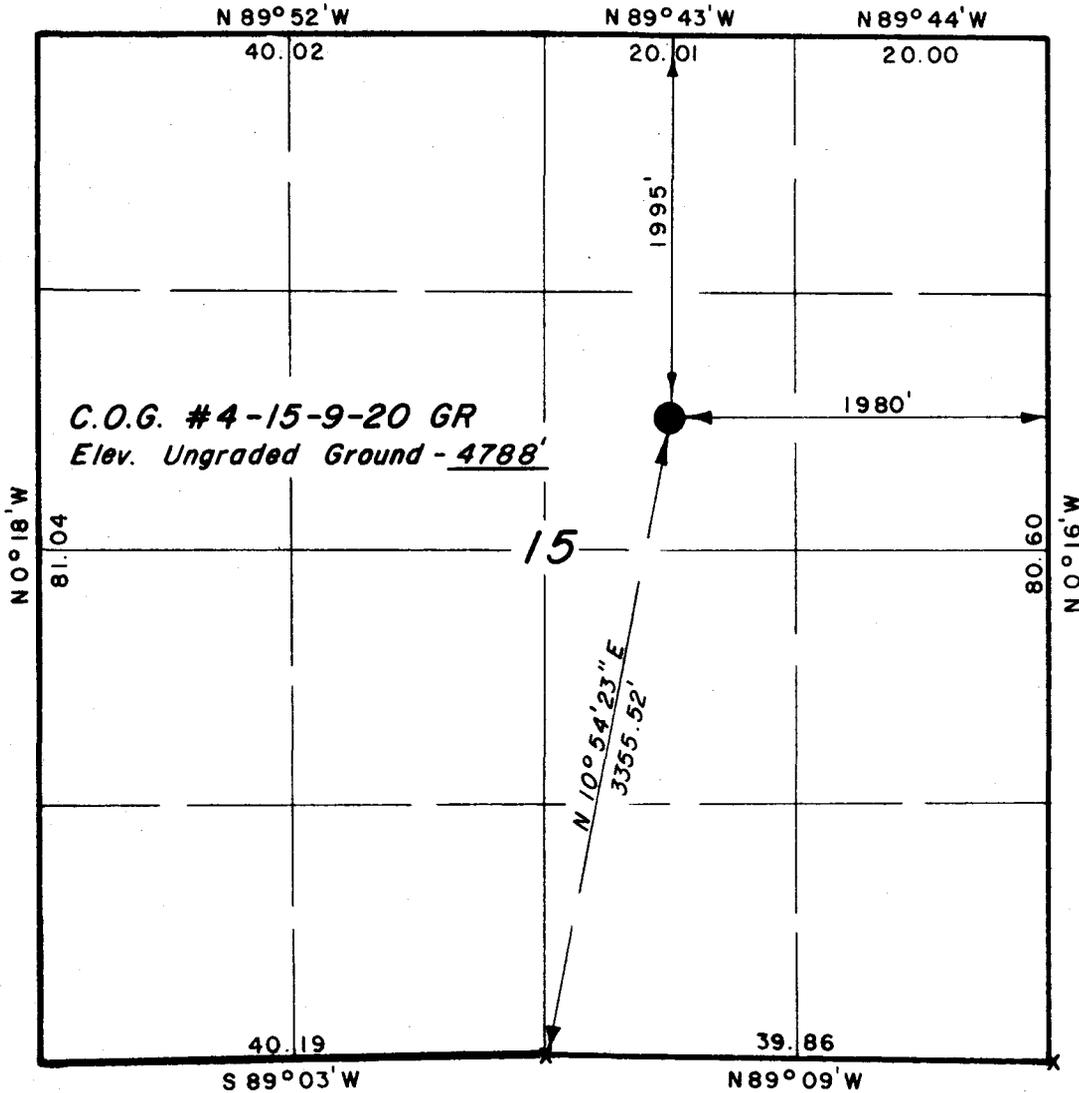
State Oil & Gas

T 9 S , R 20 E , S.L.B.&M.

PROJECT

COASTAL OIL & GAS CORP.

Well location, C.O.G. # 4-15-9-20 GR,  
located as shown in the SW1/4 NE1/4  
Section 15, T9S, R20E, S.L.B. & M.  
Uintah County, Utah.



X = Section Corners Located



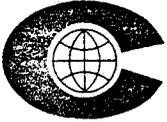
CERTIFICATE

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

*Nelson J. Marshall*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO 2454  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
P.O. BOX Q - 110 EAST - FIRST SOUTH  
VERNAL, UTAH - 84078

|         |              |            |                         |
|---------|--------------|------------|-------------------------|
| SCALE   | 1" = 1000'   | DATE       | 12 / 18 / 80            |
| PARTY   | RK BK AC     | REFERENCES | GLO Plat                |
| WEATHER | Clear / Cool | FILE       | COASTAL OIL & GAS CORP. |



Coastal Oil & Gas Corporation

2100 Prudential Plaza  
Post Office Box 749  
Denver, Colorado 80201  
Phone (303) 572-1121

HAROLD E. AAB  
District Drilling Manager

April 14, 1982

U. S. Geological Survey  
Minerals Management Service  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104

RECEIVED

APR 19 1982

DIVISION OF  
OIL, GAS & MINING

RE: COGC 4-15-9-20GR  
SW NE Section 15-T9S-R20E  
Uintah County, Utah  
Lease No: U-0144868

Gentlemen:

Coastal Oil & Gas Corporation was granted approval to drill the above well on May 1, 1981, and, of course, the one year approval period expires shortly. As this well will be included in our 1982 drilling program, we request that a one year extension be granted.

Enclosed, in triplicate, is a new cover sheet.

Thank you for your assistance in this matter.

Sincerely,

H. E. Aab  
District Drilling Manager

HEA/snc

cc: P. Bohner  
B. Nelson  
File  
State of Utah  
Division of Oil, Gas & Mining  
Ms. Prudie Daniels  
Bureau of Indian Affairs  
Uintah & Ouray Agency

enclosures



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

November 10, 1982

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

Re: See attached page

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill these locations at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Cari Furse".

Cari Furse  
Clerk Typist

CF/cf

Well No. Natural Duck #4-15 GR  
Sec. 15, T. 9S, R. 20E.  
Uintah County, Utah

Well No. Natural Buttes Unit #77  
Sec. 29, T. 9S, R. 21E.  
Uintah County, Utah

Well No. Natural Buttes Unit #78  
Sec. 30, T. 9S, R. 21E.  
Uintah County, Utah

Well No. Natural Buttes #51  
Sec. 30, T. 10S, R. 21E.  
Uintah County, Utah

Well No. Natural Buttes #41  
Sec. 31, T. 10S, R. 21E.  
Uintah County, Utah



Coastal Oil & Gas Corporation

1050 Seventeenth Street - Suite 2100  
Post Office Box 749  
Denver, Colorado 80201-0749  
Phone (303) 572-1121

November 15, 1982

State of Utah  
4241 State Office Building  
Salt Lake City, Utah 84114

ATTN: Cari Furse  
Clerk Typist

Dear Ms. Furse:

In response to your two letters dated November 10, 1982 inquiring upon the status of eight of our permitted wells in the Uintah County area, attached please find an explanation of the action we plan to take on these wells.

Also for your records, any further correspondence of this nature should be directed to my attention at the above address.

If you have further questions, please do not hesitate to contact me.

Sincerely,

L. W. Thying  
District Drilling Engineer

LWT/snc  
Attachment

cc: Betty Nelson  
File

RECEIVED  
NOV 17 1982

DIVISION OF  
OIL, GAS & MINING



Coastal Oil & Gas Corporation

Cari Furse  
November 15, 1982

| <u>WELL NAME &amp; LOCATION</u>  | <u>STATUS</u>   |
|--|---|
| CIGE #96D-20-10-21J<br>Section 20, T10S, R21E<br>Uintah County, Utah           | Present intention is to allow<br>permit to expire to original<br>expiration date. (January, 1983) |
| CIGE #97D-8-10-22J<br>Section 8, T10S, R22E<br>Uintah County, Utah             | Same as above.  |
| CIGE #98D-8-10-22J<br>Section 8, T10S, R22E<br>Uintah County, Utah             | Same as above.  |
| Well No. Natural Duck #4-15 GR<br>Section 15, T9S, R20E<br>Uintah County, Utah | COGC will not drill.<br>Please cancel permit.   |
| Natural Buttes #41<br>Section 31, T10S, R21E<br>Uintah County, Utah            | Same as above.  |
| Natural Buttes #51<br>Section 30, T10S, R21E<br>Uintah County, Utah            | Same as above.  |
| Natural Buttes #77<br>Section 29, T9S, R21E<br>Uintah County, Utah             | COGC plans to drill<br>sometime in 1983.  |
| Natural Buttes #78<br>Section 30, T9S, R21E<br>Uintah County, Utah             | Presently waiting on<br>Right-of-Way approval<br>from BIA.  |

Oil and Gas Operations  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104

May 25, 1983

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

Re: Rescind Applications for Permit  
to Drill

Well No. 4-15-9-20 GR — *L.A.*  
Section 15, T. 9 S., R. 20 E.  
Lease U-0144868

Well No. 67 — *L.A.*  
Section 29, T. 9 S., R. 20 E.  
Lease U-0141645

Well No. 100D-13-9-21J — *L.A.*  
Section 13, T. 9 S., R. 21 E.  
Lease U-01193

Well 101D-20-9-21J — *L.A.*  
Section 20, T. 9 S., R. 21 E.  
Lease U-0575

Well No. 78 — *L.A.*  
Section 30, T. 9 S., R. 21 E.  
Lease U-0581

All in Uintah County, Utah  
Natural Buttes Unit

Gentlemen:

The Applications for Permit to Drill the referenced wells were approved April 23, 1982, October 1, 1982, July 27, 1982, July 29, 1982, and October 29, 1982 respectively. This office is rescinding the approvals for the referenced per your letter request dated March 29, 1983.

Sincerely,

(ORIG. SGD.) W. P. MARTENS  
Drilling Unit Supervisor

*EW*  
E. W. Guynn  
Chief, Branch of Fluid Minerals

bcc: SMA  
State O&G ✓  
State BLM  
APD Control  
Well File

WPM/kr