

UTAH OIL AND GAS CONSERVATION COMMISSION

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

40118 OPA per BOM

DATE FILED 8-19-87

LAND: FEE & PATENTED \_\_\_\_\_ STATE LEASE NO. \_\_\_\_\_ PUBLIC LEASE NO. U-0575 INDIAN \_\_\_\_\_

DRILLING APPROVED: 9-10-87

SPUDED IN: \_\_\_\_\_

COMPLETED: 1-18-90 OPA PUT TO PRODUCING: \_\_\_\_\_

INITIAL PRODUCTION: \_\_\_\_\_

GRAVITY A.P.I. \_\_\_\_\_

GOR: \_\_\_\_\_

PRODUCING ZONES: \_\_\_\_\_

TOTAL DEPTH: \_\_\_\_\_

WELL ELEVATION: \_\_\_\_\_

DATE ABANDONED: 1-18-90 OPA

FIELD: NATURAL BUTTES

UNIT: NATURAL BUTTES

COUNTY: UINTAH

WELL NO. C.I.G.E. 110D-18-9-21 API #43-047-31813

LOCATION 539' FNL FT. FROM (N) (S) LINE. 1079' FEL FT. FROM (E) (W) LINE. NE NE 1/4 - 1/4 SEC. 18

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
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9S 21E 18 COASTAL OIL & GAS CORP.

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

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

Form approved.  
Budget Bureau No. 1004-0'36  
Expires August 31, 1985

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

1a. TYPE OF WORK  
 DRILL                       DEEPEN                       PLUG BACK   
 b. TYPE OF WELL  
 OIL WELL                       GAS WELL                       OTHER                       SINGLE ZONE                       MULTIPLE ZONE

2. NAME OF OPERATOR  
 COASTAL OIL & GAS CORPORATION

3. ADDRESS OF OPERATOR  
 P. O. BOX 749 DENVER, COLORADO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface 600' FNLE 1000' FEL NE $\frac{1}{4}$  NE $\frac{1}{4}$  Sec.18, T9S, R21E  
 At proposed prod. zone 539' 1079' Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately 10.6 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) 600'  
 16. NO. OF ACRES IN LEASE 1600

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2000'  
 19. PROPOSED DEPTH 7200 Wasatch

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 4748 Ground

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 $\frac{1}{4}$ "	8 5/8"	24#	250'	125 Sacks
7 7/8"	5 $\frac{1}{2}$ "	17#	7200'	Circulate to surface approx. 620 sacks or as needed.

5. LEASE DESIGNATION AND SERIAL NO.  
 USA U-0575  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 N/A  
 7. UNIT AGREEMENT NAME  
 Natural Buttes  
 8. FARM OR LEASE NAME  
 C.I.G.E.  
 9. WELL NO.  
 110D-18-9-21  
 10. FIELD AND POOL, OR WILDCAT  
 ✓ Natural Buttes  
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec.18, T9S, R21E  
 12. COUNTY OR PARISH  
 Uintah  
 13. STATE  
 Utah

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 80

20. ROTARY OR CABLE TOOLS  
 Rotary

22. APPROX. DATE WORK WILL START\*  
 December, 1987

All fresh water aquifers will be protected when the production casing is set and cemented to surface. Please see attached supplemental information.

APPROVED BY THE STATE  
 OF UTAH DIVISION OF  
 OIL, GAS, AND MINING  
 DATE: 9-10-87  
 BY: John L. Bay  
 WELL SPACING: R615-2-3

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 Raymond Murray TITLE Agent DATE 7/28/87

(This space for Federal or State office use)  
 PERMIT NO. 43-047-31813 APPROVAL DATE

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

**RECEIVED**  
 DATE  
 AUG 19 1987

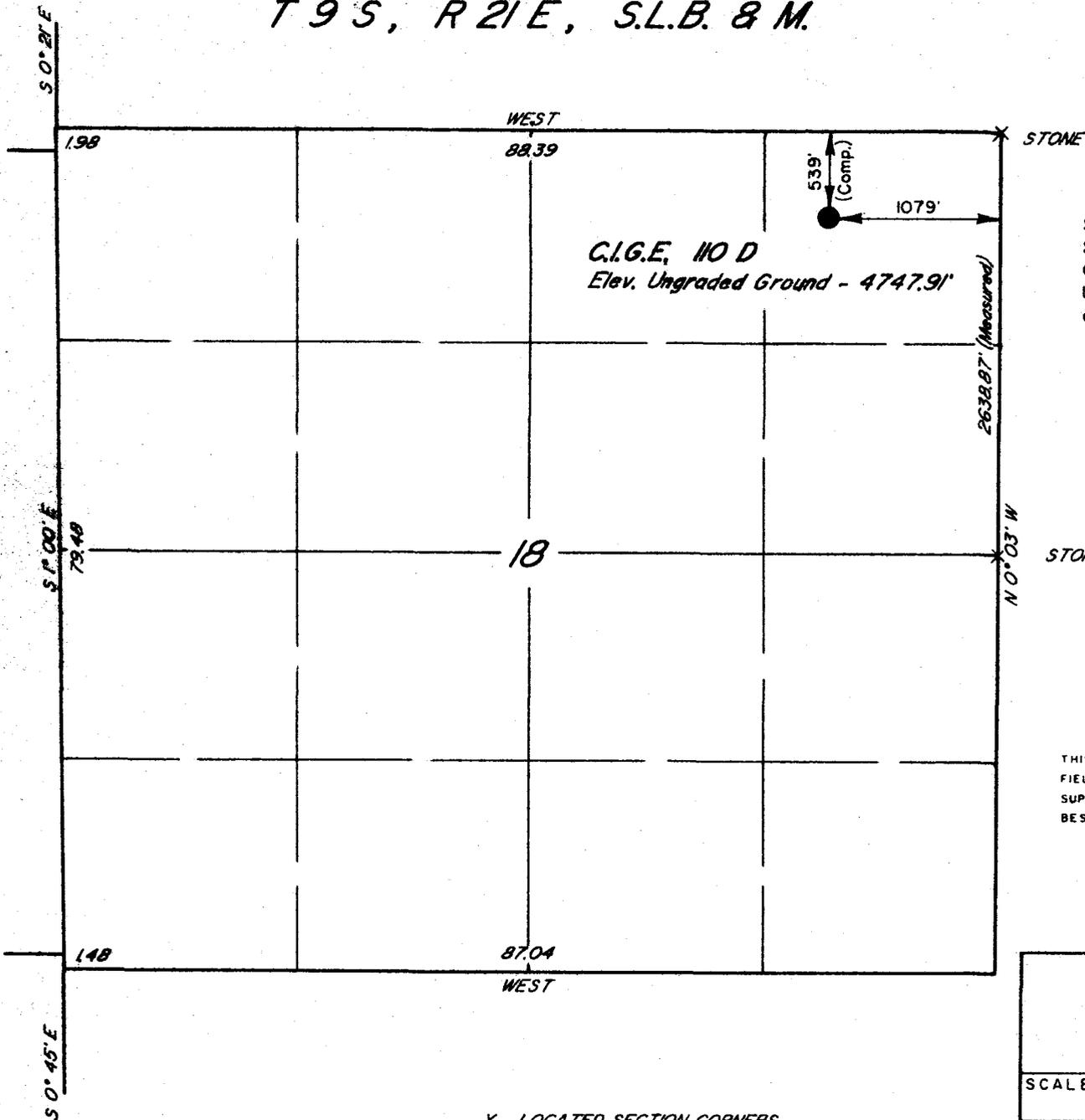
DIVISION OF OIL  
 GAS & MINING

\*See Instructions On Reverse Side

T 9 S, R 21 E, S.L.B. & M.

PROJECT  
**COASTAL OIL & GAS CORP.**

Well location, C.I.G.E. 110 D, located as shown in the NE  $\frac{1}{4}$  NE  $\frac{1}{4}$ , Section 18, T 9 S, R 21 E, S.L.B. & M., Uintah County, Utah.



Basis of Elevation

Spot elevation at the NE Corner of Section 18, T9S, R21E, S.L.B. & M. taken from the Ouray SE Quadrangle, Utah - Uintah County, 7.5 minute quad. (topography map) published by the U.S. Department of the Interior, Geological Survey in 1964. Said elevation is marked as being 4772'.



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.

*[Signature]*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO 2454  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
P. O. BOX Q - 85 SOUTH - 200 EAST  
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	1-30-87
PARTY	LDT KH DLS	REFERENCES	GLO
WEATHER	COOL FAIR	FILE	CIGE

X - LOCATED SECTION CORNERS

February 2, 1987

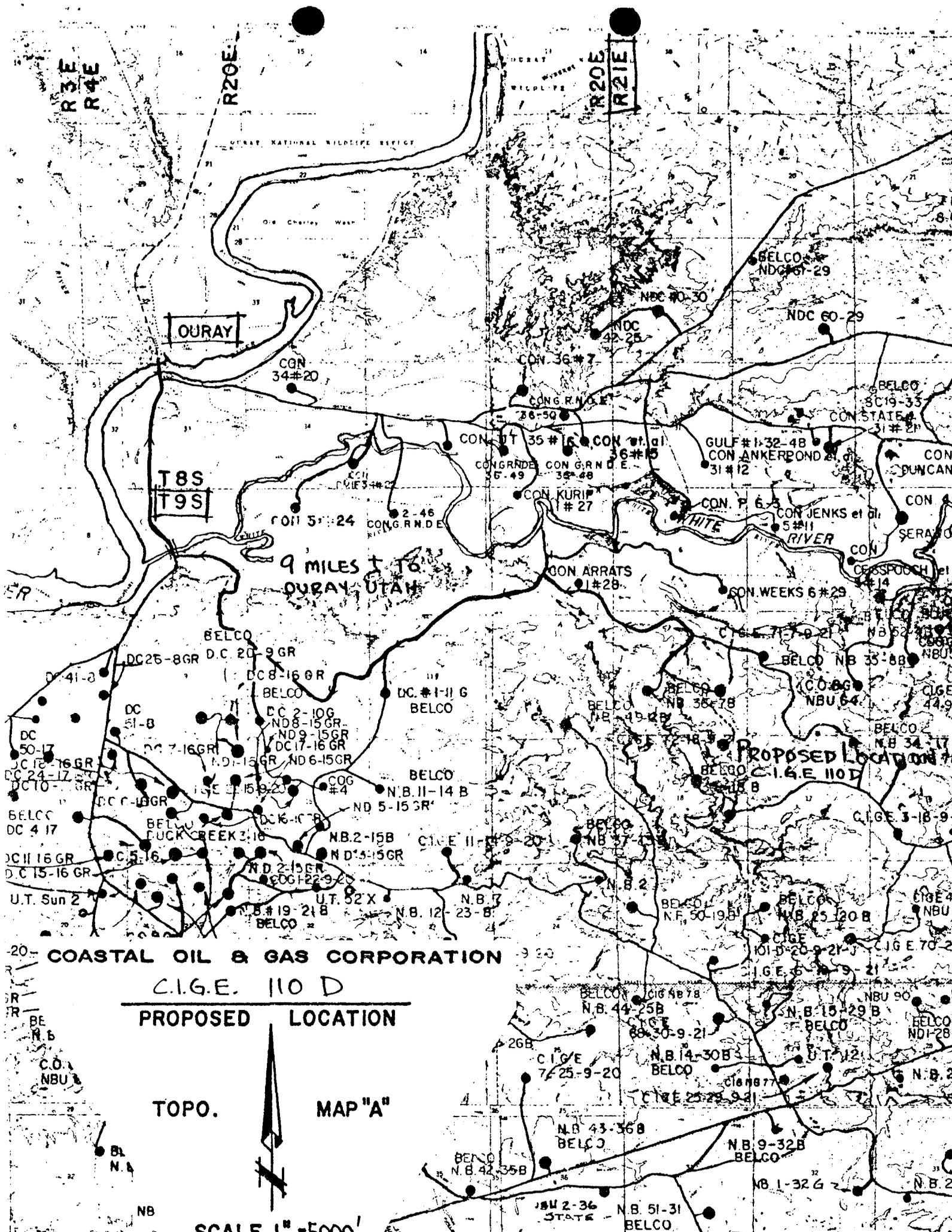
COASTAL OIL AND GAS CORPORATION

C.I.G.E. #110D

Proceed Westerly out of Vernal, Utah along 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 and Utah State Highway 88; proceed Southerly on Highway 88 - 10 miles to Ouray, Utah; proceed along South on a county road known as the Seep Ridge Road - 1.80 miles to the junction with an oil field service road which takes off to the East just South of the White River Bridge; proceed Easterly along this road 4.5 miles more or less to the junction with an oil field service road; proceed Southeasterly along this road 1.74 miles to the junction of with an oil field service road; proceed 0.42 miles to the point where the proposed access road will take off, thence Southerly 0.53 miles to the proposed location site.

WATER SUPPLY

Water supply is the White River and is located from the proposed location as follows: Proceed Northerly along proposed access road 0.53 miles to its junction with an oil field service road; proceed Northwesterly 0.42 miles along this road to a junction with an oil field service road; proceed Northerly along this road 1.74 miles to the junction with an oil field service road; proceed North 0.45 miles to the White River.



OURAY

T8S  
T9S

9 MILES + TO  
OURAY, UTAH

Proposed Location  
C.I.G.E. 110 D

COASTAL OIL & GAS CORPORATION

C.I.G.E. 110 D

PROPOSED LOCATION

TOPO.

MAP "A"

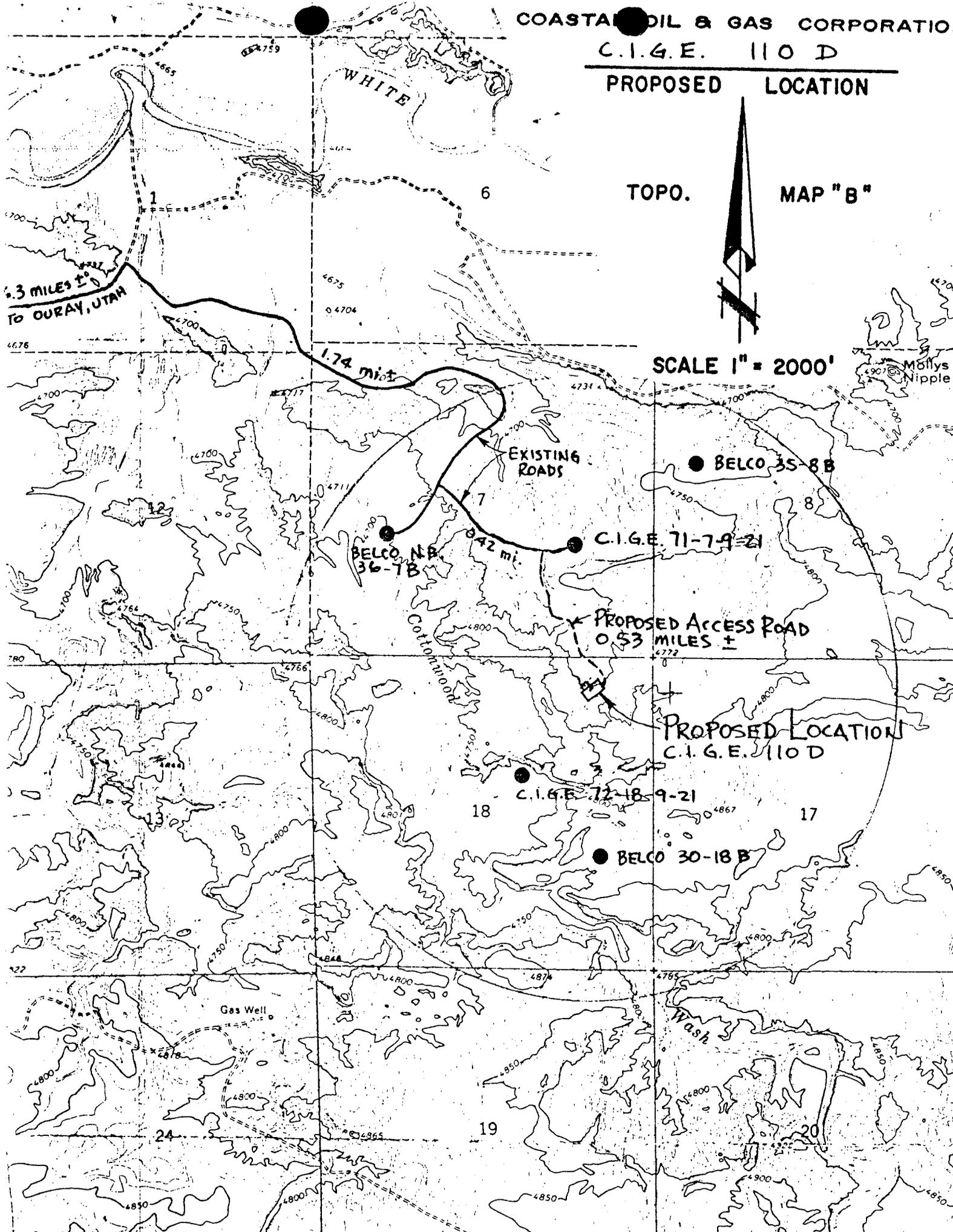
SCALE 1" = 5000'

TOPO.

MAP "B"



SCALE 1" = 2000'



3 MILES ± TO OURAY, UTAH

WHITE

EXISTING ROADS

C.I.G.E. 71-79-21

BELCO, N.B. 36-7B

BELCO 35-8B

PROPOSED ACCESS ROAD 0.53 MILES ±

PROPOSED LOCATION C.I.G.E. 110 D

C.I.G.E. 72-18-9-21

BELCO 30-18B

Gas Well

Wash

1.74 mi ±

0.42 mi.

Cottonwood Wash

6

7

8

12

13

18

17

24

19

20

4685

4675

4700

4711

4750

4766

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4800

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4704

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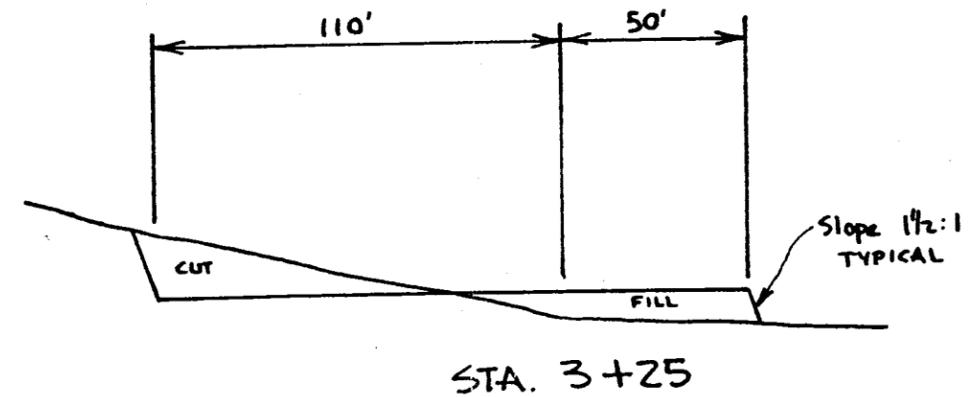
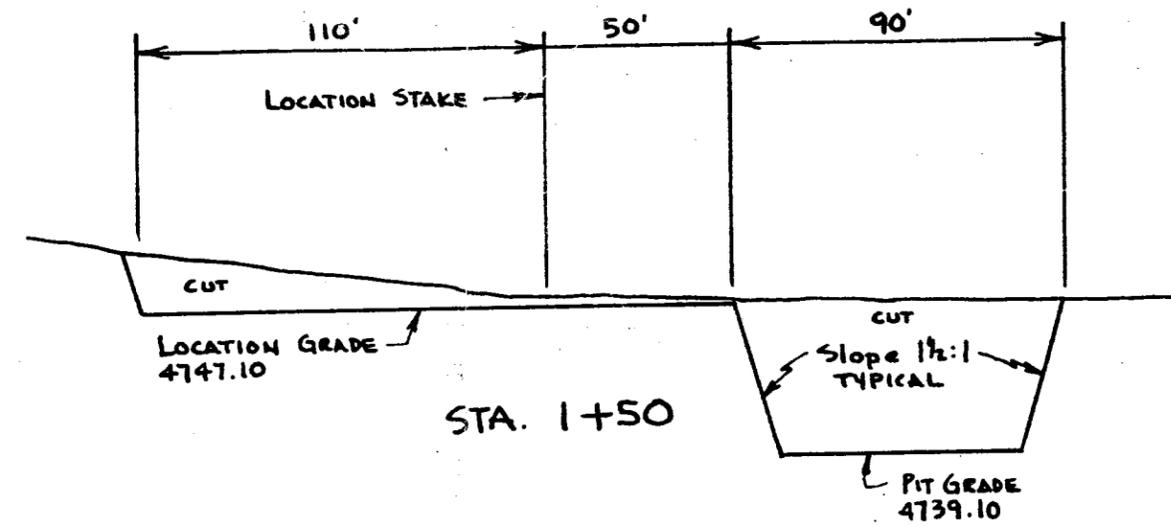
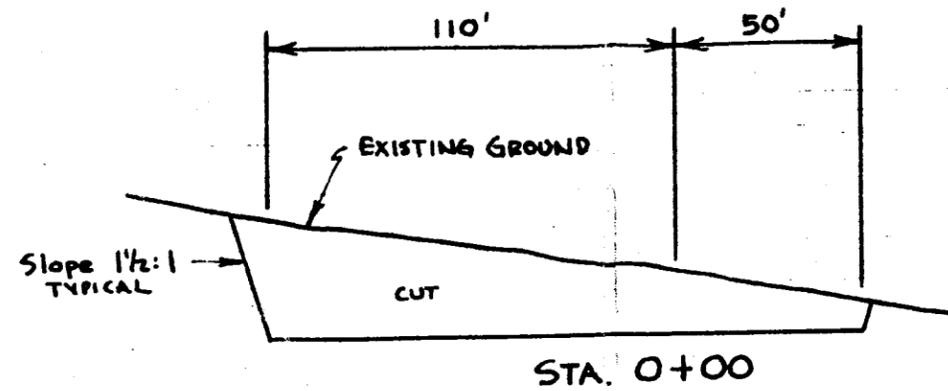
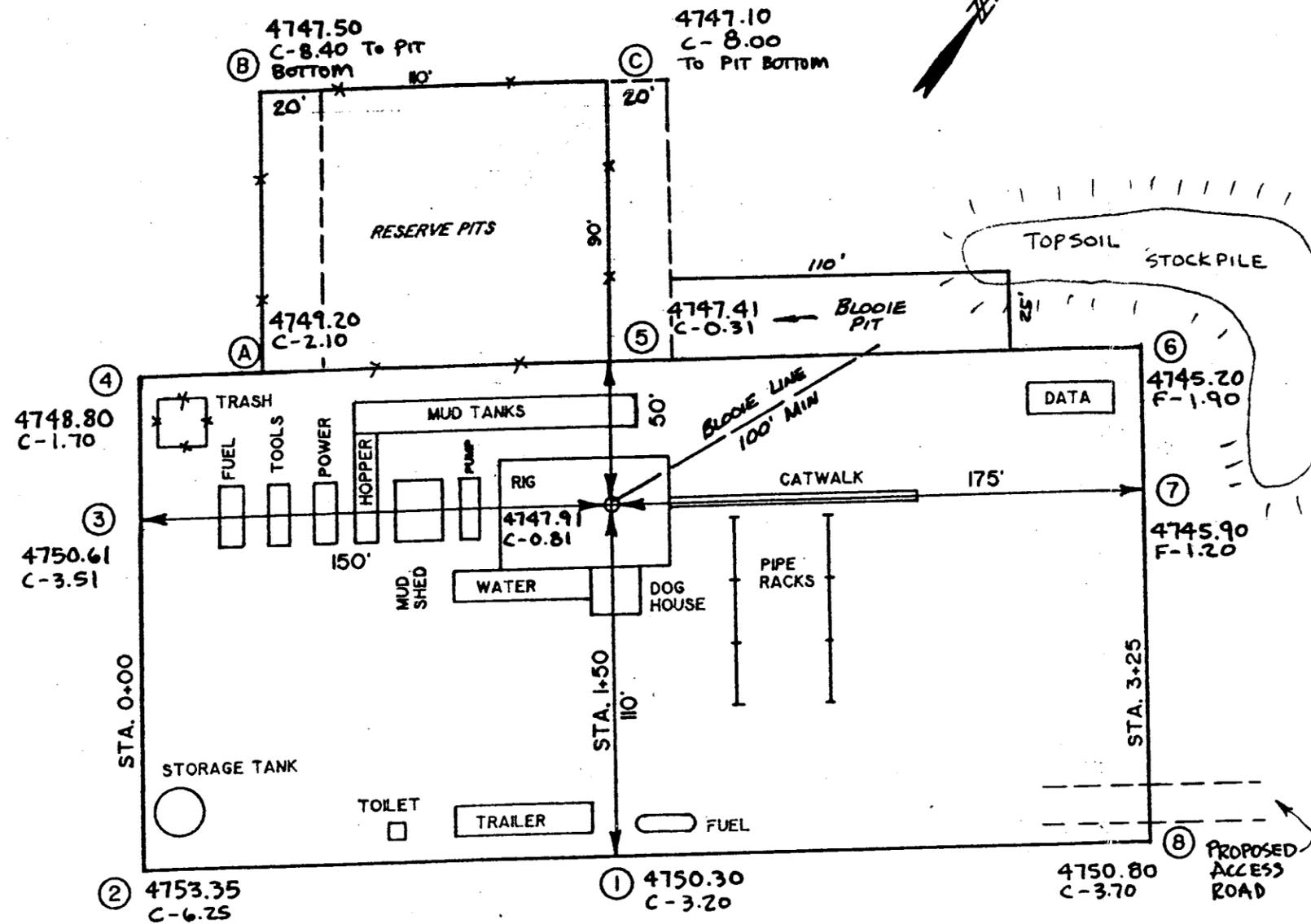
4850

4850

4850

COASTAL OIL & GAS CORP.  
C.I.G.E. 110 D

DATE 1-30-87  
SCALE 1"=50'



APPROXIMATE YARDAGES

CU. YDS. CUT 8111.63  
CU. YDS. FILL 357.26  
UNBALANCE AFTER 20% COMPACTION = 7682.92 CU. YDS. CUT

SCALES

1"=50'

LST

COASTAL OIL AND GAS CORPORATION

C.I.G.E. #110 D

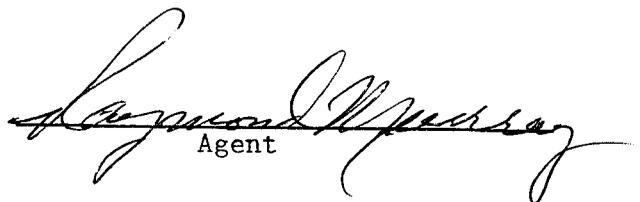
RE: Natural Buttes Unit  
Uintah County, Utah

Our Drilling Program is as follows:

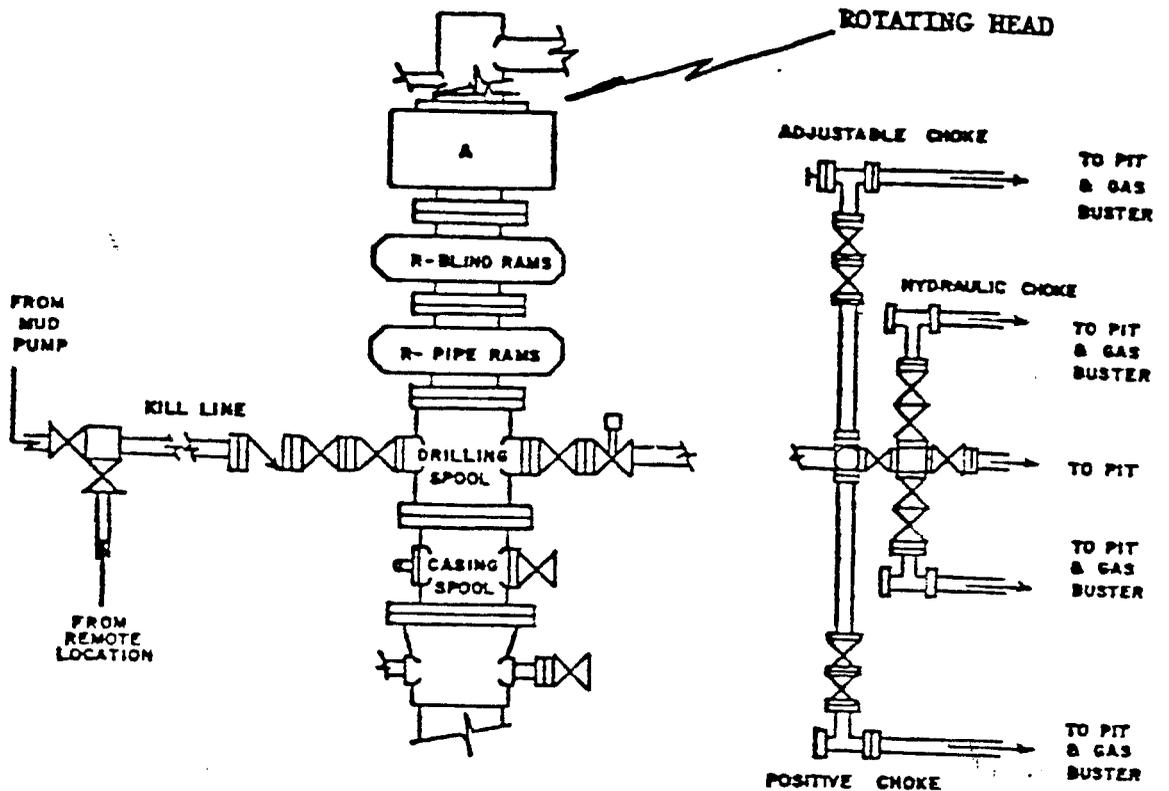
1. Drill 12-1/4" surface hole to 250' with air, with rat hole rig.
2. Run 8-5/8" surface casing to 250' and cement to surface with 125 sacks regular cement with 2% CaCl.
3. Move in rotary drilling rig and drill 7-7/8" hole to TD using water and air as the circulating fluid.
4. Mud up at TD with gel mud with weight of 9.0 lb/gal, VIS 40, WL 7.
5. Run electric logs: DIL w/Caliper from 250' to TD, and FDC-CNL from 1500' to TD.
6. Run 5-1/2" OD, 17 lb., J-55, 8rd thd, ST&C from TD to 0'.
7. Cement to surface with 700 sacks 50/50 Pozmix cement with additives.
8. Move out drilling rig.
9. Move in completion rig.
10. Run cased hole logs.
11. Perforate selected zones.
12. Run 2-3/8", EUE, 4.7 lb., J-55, 8rd tubing.
13. Sand frac with 40, 00 lbs sand and water.
14. Swab in and put on production.

The bottom hole pressure for C.I.G.E. #110 D will be 3000.

7/30/87  
Date

  
Agent

## 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.

COASTAL OIL & GAS CORPORATION

13 Point Surface Use Plan

for

Well Location

C. I. G. E. #110D-18-9-21

Located In

Section 18, T9S, R21E, S. L. B. & M.

Uintah County, Utah

### 1. EXISTING ROADS

See attached Topographic Maps "A" & "B".

To reach Coastal Oil & Gas Corporation, well location C. I. G. E. #110D-18-9-21 located in Section 18, T9S, R21E, S.L.B.&M., Uintah County, Utah. (See data sheet.)

The road from Vernal, Utah is an asphalt road maintained by State road crews. The Seep Ridge Road is a native asphalt road maintained by county road crews. The Oilfield Service road will be maintained by Coastal Oil & Gas Corporation and consists of some gravel and mostly dirt surface from native materials.

There is no anticipated construction on any portion of the existing roads previously mentioned. It is anticipated the existing roads will adequately facilitate the orderly flow of traffic during the drilling, completion, and production phase.

### 2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed access road leaves the existing road described in Item #1 in the NE/NE of Section 18, T9S, R21E, S.L. B. & M. and proceeds in an easterly direction 0.53 miles to the proposed location site. The grade along this road will be relatively level with the maximum grade not exceeding 8%. The vegetation along this road consists of sagebrush and grasses with large areas devoid of any vegetation.

The surface ownership of the proposed access road is Ute Tribally owned consisting of a 30 foot right-of-way with it on 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 normal water run off conditions.

Back slopes along the cut areas of the road will be  $1\frac{1}{2}$  to 1 slopes and terraced.

The road will be centerline flagged prior to the commencement of construction and constructed from native materials accumulated during construction. No turnouts are anticipated along the proposed access road and all traffic will be confined to the access road.

No culverts, gates or cattleguards are anticipated for the proposed access road.

All access road and surfacing disturbing will conform to standards outlined in the U.S.C.S. Publication (1978). Surface operating standards for oil and gas development.

### 3. EXISTING WELLS

There are approximately 6 existing producing gas wells within a one mile radius of the proposed location. See Topographic Map "B" for these wells and their location relative to the proposed location.

...wells, monitoring or observation wells located within a one mile radius of the proposed location.

#### 4. LOCATION OF EXISTING AND PROPOSED FACILITIES

Currently Coastal Oil and Gas Corporation has 5 producing gas wells and one proposed well (C.I.G.E. #111D, Sec. 21, T9S, R21E) (See Topographic Map "B").

A. On well pad, see attached well site layout schematic.

B. Off well pad. In the event gas production is established an 18' gas pipeline right-of-way will be necessary to connect the proposed location to the existing gas gathering lines in the area. Detailed plans for this gas connection line will be submitted to the appropriate agencies before construction begins.

All facilities will be painted a flat, non-reflective, earthtone color to match the approved color of "Carlsbad Canyon 2.5Y 6/2."

All areas used to contain these production facilities will be built out of existing native materials accumulated during construction. No special construction materials are anticipated to be required.

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

Water to be used for drilling and production of this well will be hauled by truck. (See data sheet.)

#### 6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location and access road will 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 private services will be secured. The native materials that will be used in the construction of this location site and access road will consist of a sandy-clay soil, sandstone and shale materials gathered in actual construction of the road and location.

#### 7. METHODS OF HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve pit shall be constructed and lined with native clays.

The reserve pit will be 8' deep and at least half of the depth of reserve pit shall be below the existing ground surface.

One-half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable material such as cuttings, salts, drilling fluids, chemicals, produced fluids, etc. Coastal will provide the BLM a chemical analysis prior to 90 days after well completion to determine the final method of reserve pit reclamation.

If deemed necessary by agencies concerned, to prevent contamination to surrounding areas the reserve pit will be lined with a gel.

The pits will have wire and overhead flagging installed at such time as deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time the drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and reclamation activities are attempted.

When the reserve pit dries and the reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements of Item #10 will be followed.

A portable trash basket will be placed on the location site and all trash will be hauled to the nearest Sanitary Landfill.

A portable chemical toilet will be supplied for human waste.

#### 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 be lined with native clays or with a gel or any other type 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 on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet and Item #9.) 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.

Any drainages re-routed during the construction activities shall be restored to their original line of flow as near as possible. 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.

Restoration activities shall begin within 90 days after completion of the well. Once restoration activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site

and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. 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 Items #7 and #10.

#### 11. SURFACE OWNERSHIP

The surface is owned by the Ute Indian Tribe with the State of Utah owning the surface minerals ML-3141 for all the lands crossed by roads which are to be upgraded or constructed.

#### 12. OTHER INFORMATION

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

The area is a large basin formed by the Uintah Mountains to the North and the Book Cliff Mountains to the South. The White River is located approximately 6.0 miles to the North of the location site.

The majority of the washes and streams in the area are non-perennial in nature with the only ones in the area having a year round flow being the White River and Green River to the North and Willow Creek to the West, 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 (gravel 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 area 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.I.G.E. #110D is located on a relatively flat area approximately 3 miles South of the White River a perennial river which drains to the West into the Green 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 through this location site from the Southwest through the site to the Northeast at approximately a  $\frac{3}{8}$  grade.

The location is covered with some sagebrush and grasses.

The total surface ownership affected by this location is administered 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".)

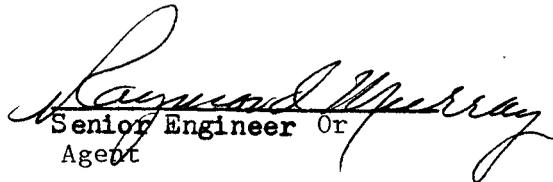
12. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

COASTAL OIL & GAS CORPORATION  
P. O. BOX 749  
DENVER, COLORADO 80201

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.

7/28/87

Date

  
Senior Engineer Or  
Agent

REQUEST FOR STAKING & PERMITTING

To: Harold Aab

From: Wendell Cole Dept.: Exploitation Date: 1/19/87

Supervisor's Approval: *Wendell Cole* Date: 1/20/87

PROSPECT: Natural Buttes  
Well Name & No.: CIGE #110D-18-9-21  
Quadrant Location: NE/NE  
Footage Location: 600 FNL & 1000 FEL  
Section: 18 Township: 9S Range: 21E  
County: Uintah State: Utah  
Proposed Depth: 7200 FM: Wasatch  
Est. Spud Date: Late 1987

Distance to nearest Lease line: 600

Distance to nearest well, same reservoir: 2000' SW  
Operator: CIGE  
Name & No.: #72-18-9-21

Spacing Unit Information:  
(Distance allowed from section lines, unit boundaries, other wells, etc.)

\_\_\_\_\_

\_\_\_\_\_

Number acres in spacing unit: 80

Number acres in lease: 1600

Surface Owner: Ute Indian Tribe

Mineral Owner: USA U-0575 (10045)

REMARKS:  
  
No GR rights

091405

OPERATOR Coastal Oil & Gas Corp DATE 8-28-87

WELL NAME C.I. G.E. 110 D-18-9-21

SEC NE NE 18 T 9S R 21E COUNTY United

43-047-31813  
API NUMBER

Fed  
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

Unit Wells - Approved P.O.D. 9/3/87

Need water permit

APPROVAL LETTER:

SPACING:

R615-2-3

Natural Sulfur  
UNIT

R615-3-2

CAUSE NO. & DATE

R615-3-3

STIPULATIONS:

1- Water

2- Oil Shale



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

September 10, 1987

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

Gentlemen:

Re: C.I.G.E. 110D-18-9-21 - NE NE Sec. 18, T. 9S, R. 21E  
539' FNL, 1079' FEL - Uintah County, Utah

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 Rule R615-2-3, Oil and Gas Conservation General Rules, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.
2. Special attention is directed to compliance with Rule R615-3-34, 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 to the Division within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form to the Division within five working days of the time that the well is spudded or a change in operations or interests necessitates a change in entity status.
3. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.

Page 2  
Coastal Oil & Gas Corporation  
C.I.G.E. 110D-18-9-21  
September 10, 1987

4. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.
5. Compliance with the requirements of Rule R615-3-22, Gas Flaring or Venting, Oil and Gas Conservation General Rules.
6. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at the drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of all 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 43-047-31813.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

as  
Enclosures  
cc: Branch of Fluid Minerals  
D. R. Nielson  
8159T

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.  
USA U-0575 *AM*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A 122808

7. UNIT AGREEMENT NAME  
Natural Buttes

8. FARM OR LEASE NAME  
C.I.G.E.

9. WELL NO.  
110D-18-9-21

10. FIELD AND POOL, OR WILDCAT  
Natural Buttes

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 18, T9S, R21E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
COASTAL OIL & GAS CORPORATION

3. ADDRESS OF OPERATOR  
P. O. BOX 749 DENVER, COLORADO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface 600' FNLE 1000' FEL NE $\frac{1}{4}$  NE $\frac{1}{4}$  Sec. 18, T9S, R21E  
At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
Approximately 10.6 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) 600'

16. NO. OF ACRES IN LEASE 1600

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. 2000'

19. PROPOSED DEPTH 7200 Wasatch

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4748 Ground

22. APPROX. DATE WORK WILL START\*  
December, 1987

RECEIVED  
DEC 21 1987

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 $\frac{1}{4}$ "	8 5/8"	24#	250'	125 Sacks
7 7/8"	5 $\frac{1}{2}$ "	17#	7200'	Circulate to surface approx. 620 sacks or as needed.

All fresh water aquifers will be protected when the production casing is set and cemented to surface. Please see attached supplemental information.

*Note change in footage. See plat*

JUL 1987

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.

SIGNED Raymond Murray TITLE Agent DATE 7/28/87

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
ASSISTANT DISTRICT MANAGER MINERALS  
APPROVED BY [Signature] TITLE \_\_\_\_\_ DATE 12-17-87

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

UNITED STATES GOVERNMENT  
memorandum

DATE: December 7, 1987

REPLY TO  
ATTN OF: Superintendent, Uintah and Ouray Agency

SUBJECT: Concurrence for Permit to Drill Various Wells Located on Tribal Surface

TO: District Manager, Bureau of Land Management

Wells - #110D, #104D #111D, NBU #89 and NBU #90, Coastal Oil & Gas/ANR, P.O. Box 749, Denver, Colorado 80201-0749, Wellsites and Access Road ROW, in Sections 16, 18, 21 and 23, Township 9 South., Range 21 East, and Section 19, Township 9 South., Range 22 East, Uintah County, Utah,

We (concur with ~~or~~, ~~recommend~~) approval of the Application for Permit to Drill subject wells described above.

Based on available information on April 2, 1987, we have cleared the proposed location in the following areas of environmental impact.

YES  NO   Listed Threatened or Endangered Species

YES  NO   Critical Wildlife Habitat

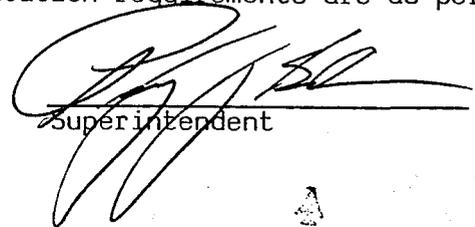
YES  NO   Archaeological or Cultural Resources

YES  NO   Air Quality Aspects (to be used only if project is in or adjacent to a class 1 area of attainment)

YES  NO  Other (if necessary)

REMARKS: All activities during drilling and after completion be confined to the right-of-way.

The necessary surface protection and rehabilitation requirements are as per approved APD.

  
Superintendent

DEC 1987  
RECEIVED

Verona, Utah

OPTIONAL FORM NO. 10  
(REV. 1-80)  
GSA FPMR (41 CFR) 101-11.6  
5010-114

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL  
WITHIN THE UINTAH OURAY RESERVATION

Company Coastal Oil & Gas Corp. Well No. 110D-18-9-21  
Location NE/NE Sec. 18 T9S R21E Lease No. U-0575

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

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

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 encountered to Wayne Svejnoha of this office. Copies of State of Utah form OGC-8-X will be acceptable. If noticeable water flows are encountered, submit samples to this office along with any water analyses conducted by the operator.

Fresh water is anticipated in the Uinta Formation at a depth of 1,000' to 1,500' and in the Green River Formation at depths of 1,850' to 2,100', 2,900' to 3,000', 3,600' to 3,700', and 3,850' to 4,850'. Oil shale is anticipated through the Mahogany Zone of the Green River Formation at a depth of 2,550' to 2,650'. All of these zones, if encountered while drilling, shall be protected by the cementing program for the production string.

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

2. Pressure Control Equipment

The BOPE and choke manifold shall be 3,000 psi minimum working pressure and shall utilize an annular bag-type preventer. The ram-type preventers shall be tested to 2,000 psi and the annular preventer shall be tested to 1,500 psi.

All BOPE and testing procedures will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all

casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

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

3. Casing Program and Auxiliary Equipment

Prior to drilling this well, submit a sundry notice to this office indicating the grade of pipe to be used as surface casing.

If production casing is run and cemented, a cement bond log will be run and copies sent to this office.

Surface casing shall be pressure tested to 1,000 psi, and the production casing shall be pressure tested to 1,300 psi.

A drill string safety valve and wrench shall be maintained in the open position on the drill floor at all times.

The District Office shall be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

4. Mud Program and Circulating Medium

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

5. Coring, Logging and Testing Program

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

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

6. Notifications of Operations

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

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

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

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

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

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

Pursuant to NTL-2B, with the approval of a District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the 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 District Engineer.

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

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 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 15 days after receipt of the first production notice.

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

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

#### 7. Other Information

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

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

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 API standards for liquid hydrocarbons and the AGA standard 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 work-over 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."

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.

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).

In the event after-hour approvals are necessary, please contact one of the following individuals:

Gerald E. Kenczka  
Petroleum Engineer

(801) 781-1190

R. Allen McKee  
Petroleum Engineer

(801) 781-1368

Craig M. Hansen  
Assistant District Manager  
for Minerals

(801) 247-2318

Revised October 1, 1985

Date NOS Received 03/12/87  
Date APD Received 07/28/87

CONDITIONS OF APPROVAL  
FOR THE SURFACE USE PROGRAM OF THE  
APPLICATION FOR PERMIT TO DRILL

Company/Operator Coastal Oil and Gas Corporation  
Well Name & Number CIGE 110D-18-9-21  
Lease Number U-0575  
Location NE ¼ NE ¼ Sec. 18 T. 9 S. R. 21 E.  
Surface Ownership Indian Surface Administered by the BIA

B. THIRTEEN POINT SURFACE USE PROGRAM:

Multipoint Requirements to Accompany APD

1. Planned Access Roads

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 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 accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

2. Location of Existing and/or Proposed Facilities

If a tank battery is constructed on this lease, the battery or the well pad will be surrounded by a dike of sufficient capacity to contain  $1\frac{1}{2}$  times the storage capacity of the battery. The integrity of the dike must be maintained.

All permanent (on site for six months or longer) 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 Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

3. Methods for Handling Waste Disposal

Burning will not be allowed. All trash must be contained in a trash cage and hauled away to an approved disposal site at the completion of the drilling activities.

The reserve pit shall not be lined.

Produced waste water will be confined to an unlined pit or, if deemed necessary, a storage tank for a period not to exceed 90 days after first production. During the 90-day period an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

4. Well Site Layout

All pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Any hydrocarbons on the pit will be removed from the pit as soon as possible after drilling operations are completed. Pits will be fenced and maintained until clean-up.

The fence will be constructed as prescribed in the USGS Publication (1978) Surface Operating Standards for Oil and Gas Development. Alternatives to the prescribed standards shall be submitted to the Authorized Officer for approval.

5. Plans for Restoration of Surface

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

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc. will be removed. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed.

All disturbed areas will be recontoured to the approximate natural contours.

The stockpiled topsoil will be evenly distributed over the disturbed areas.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

Seed will be broadcast or drilled at a time specified by the BIA. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage and the seed mixture will be proportionately larger (double the lbs. per acre).

An appropriate seed mixture will be determined by the BIA at the time restoration activities are scheduled to begin.

At such time as the well is plugged and abandoned, the operator will submit a surface reclamation plan to the Surface Management Agency for prescribed seed mixtures and reseeding requirements.

If the seeding is unsuccessful, the lessee/operator may be required to make subsequent seedings.

On BIA administered lands:

Abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include: (a) reestablishing irrigation systems where applicable, (b) reestablishing soil conditions in irrigated fields in such a way as to insure cultivation and harvesting of crops and, (c) insuring revegetation of the disturbed areas to the specifications of the Ute Indian Tribe or the BIA at the time of abandonment.

The operator will submit a plan of controlling noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. A list of noxious weeds can be obtained from the appropriate county extension office.

6. Other Additional Information

If, during operations, any archaeological or historical sites, or any object of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites are to be suspended and the discovery reported promptly to the Surface Management Agency.

On BLM administered land, it is required that a proposed use of pesticide, herbicide or other possible hazardous chemicals shall be cleared for use prior to application.

On BIA administered land:

Operator's employees, including subcontractors, will not gather firewood along roads constructed by operators. If wood cutting is required, a permit will be obtained from the Forestry Department of the BIA pursuant to 25 CFR 169.13 "Assessed Damages Incident to Right-of-Way Authorization". All operators, subcontractors, vendors and their employees or agents may not disturb saleable timber (including firewood) without a duly granted wood permit from the BIA Forester.

If the surface rights are owned by the Ute Indian Tribe and mineral rights are owned by another entity, an approved rights-of-way will be obtained from the BIA before the operator begins any construction activities. If the surface is owned by another entity and the mineral rights are owned by the Ute Indian Tribe, rights-of-way will be obtained from the other entity.

All roads constructed by operators on the Uintah and Ouray Indian Reservation will have appropriate signs. Signs will be neat and of sound construction. They will state: (a) that the land is owned by the Ute Indian Tribe, (b) the name of the operator, (c) that firearms are prohibited to all non-Ute Tribal members, (d) that permits must be obtained from the BIA before cutting firewood or other timber products and (e) only authorized personnel permitted.

All well site locations on the Uintah and Ouray Indian Reservation will have an appropriate sign indicating the name of the operator, the lease serial number, the well name and number, the survey description of the well (either footages or the quarter-quarter section, the section, township, and range).

The operator or his contractor shall contact the BLM and BIA Offices at (801) 789-1362 (BLM) and (801) 722-2406 (BIA) between 24 and 48 hours prior to construction activities. Contact the Bookcliffs Resource Area.

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

The dirt contractor will be provided with an approved copy of the Surface Use Plan from the APD.

This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

# FILING FOR WATER IN THE STATE OF UTAH

Rec. by gfs

Fee Rec. 30.00

Receipt # 23038

Microfilmed 102705

Roll # 102705

## APPLICATION TO APPROPRIATE WATER

TEMPORARY

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

RECEIVED

43-047-31813

SEP 24 1987

gfs

Duly

WATER USER CLAIM NO. 49 - 1433

WATER RIGHTS  
SALT LAKE

APPLICATION NO. T62810

1. PRIORITY OF RIGHT: September 1, 1987

FILING DATE: September 1, 1987

2. OWNER INFORMATION

Name: Coastal Oil and Gas Corporation  
Address: 600 17th Street, Suite 800S, P.O. Box 749, Denver, CO 80201-0749  
The land is not owned by the applicant(s), see explanatory.

3. QUANTITY OF WATER: 10.0 acre feet (Ac. Ft.)

4. SOURCE: White River DRAINAGE: SE Uinta Basin

COUNTY: Uintah

POINT(S) OF DIVERSION:

- (1) S. 1600 feet, E. 2150 feet, from the NW Corner of Section 1,  
Township 9 S, Range 20 E, SLB&M  
Description of Diverting Works: Pump from river to tank trucks
- (2) S. 1800 feet, W. 1200 feet, from the NE Corner of Section 17,  
Township 9 S, Range 22 E, SLB&M  
Description of Diverting Works: Pump from river to tank trucks

COMMON DESCRIPTION:

5. NATURE AND PERIOD OF USE

Oil Exploration From January 1 to December 31.

6. PURPOSE AND EXTENT OF USE

Oil Exploratio: Oil well drilling and completion.  
Water to be used in the drilling and completion of oil wells CIGE #104D,  
NBU#89, CIGE #111D, CIGE #110D and CIGE #90.  
Water to be used from January 1, 1988 to December 31, 1988.

7. PLACE OF USE

The water is used in all or parts of each of the following legal subdivisions.

TOWN RANGE SEC	North East Quarter				North West Quarter				South West Quarter				South East Quarter			
	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$
9 S 21 E 16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9 S 21 E 18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9 S 21 E 19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9 S 21 E 21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9 S 21 E 23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

All locations in Salt Lake Base and Meridian

EXPLANATORY

Appropriate

Land leased for oil well exploration, drilling and completion.

\*\*\*\*\*

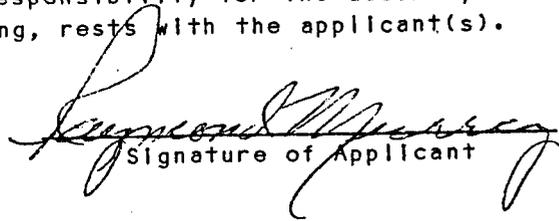
The applicant hereby acknowledges he/they are a citizen(s) of the United States or intends to become such a citizen.

\*\*\*\*\*

The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purpose herein described.

\*\*\*\*\*

The undersigned hereby acknowledges that even though he/they may have been assisted in the preparation of the above-numbered application through the courtesy of the employees of the Division of Water Rights, all responsibility for the accuracy of the information contained therein, at the time of filing, rests with the applicant(s).

  
Signature of Applicant

STATE ENGINEER'S ENDORSEMENT

WATER RIGHT NUMBER: 49 - 1433

APPLICATION NO. T62810

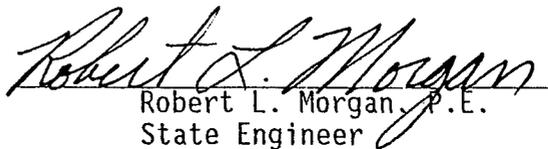
1. September 1, 1987 Application received by TNB.
2. September 22, 1987 Application designated for APPROVAL by RWL and KLJ.
3. Comments:

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Conditions:

This application is hereby APPROVED, dated October 14, 1987, subject to prior rights and this application will expire on October 14, 1988.

  
Robert L. Morgan, P.E.  
State Engineer

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

USA U-0575

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

Natural Buttes

8. FARM OR LEASE NAME

C.I.G.E.

9. WELL NO.

110D-18-9-21

10. FIELD AND POOL, OR WILDCAT

Natural Buttes

11. SEC., T., R., M., OR BLK. AND  
SUBVY OR ARRA

Section 18, T9S-R21E

12. COUNTY OR PARISH 13. STATE

Uintah Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
C.I.G. Exploration

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.  
See also space 17 below.)  
At surface  
539' FNL & 1079' FEL (NENE)

14. PERMIT NO.  
43-047-31813

15. ELEVATIONS (Show whether BV, HT, GR, etc.)  
4748' Ground

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) APD Extension <input type="checkbox"/>	(Other) <input checked="" type="checkbox"/>

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

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

17. 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.)\*

C.I.G. Exploration hereby requests a one year extension on the Application for Permit to Drill for the above-referenced well.

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

SIGNED Eileen Danni Dey TITLE Regulatory Analyst DATE August 19, 1988

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

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

DATE: 8-29-88

\*See Instructions on Reverse Side BY: John R. Dey

Federal approval of this action is required before commencing operations.

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.

3162.35  
U-08438

January 11, 1990

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

Re: Rescind Application for Permit to Drill  
Well No. 110D-18-9-21  
Section 18, T9S, R21E  
Uintah County, Utah  
Lease No. U-0575

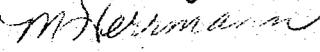
The application for Permit to Drill the above-referenced well was approved on December 17, 1987. A request for a one (1) year extension to the APD was submitted and approved. According to our records, no known activity has transpired at the approved location. In view of the foregoing, this office is rescinding the approval of the referenced application without prejudice. If you intend to drill at this location at a future date, a new Application for Permit to Drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

  
Howard B. Cleavinger II  
Assistant District Manager  
for Minerals

bc: State Div. OG&M  
Well File  
U-922/943  
U-942  
RA  
AIRS  
BIA (surface)

MHerrmann:dj:0233h  




# 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

January 18, 1990

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

Gentlemen:

Re: Well No. C.I.G.E. 110D-18-9-21, Sec. 18, T. 9S., R. 21E., Uintah County, Utah  
API No. 43-047-31813

In concert with action taken by the U.S. Bureau of Land Management, approval to drill the above referenced well is hereby rescinded. A new Application for Permit to Drill must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division of Oil, Gas and Mining immediately.

Sincerely,

Don T. Staley  
Administrative Supervisor  
Oil and Gas

TAS/lc

cc: Bureau of Land Management - Vernal  
D.R. Nielson  
R.J. Firth  
Well file

HOI2/1