

UTAH OIL AND GAS CONSERVATION COMMISSION

7

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

DATE FILED 4-27-83

LAND: FEE & PATENTED _____ STATE LEASE NO. _____ PUBLIC LEASE NO. U-011336 INDIAN _____

DRILLING APPROVED: 4-28-83 - GAS

SPUDED IN: _____

COMPLETED: _____ PUT TO PRODUCING: _____

INITIAL PRODUCTION: _____

GRAVITY A.P.I. _____

GOR: _____

PRODUCING ZONES: _____

TOTAL DEPTH: _____

WELL ELEVATION: _____

DATE ABANDONED: 3-14-85 LA application rescinded

FIELD: Natural Buttes ^{3/86}

UNIT: Natural Buttes

COUNTY: Uintah

WELL NO. Natural Buttes Unit #CIGE 102D-1-10-22 API #43-047-31339

LOCATION 835 FT. FROM (N) LINE. 2418 FT. FROM (E) LINE. NWNE 1/4 - 1/4 SEC. 1

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
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				<u>10S</u>	<u>22E</u>	<u>1</u>	<u>COASTAL OIL & GAS CORP.</u>
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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, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 835' FNL/2418' FEL
 At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately 18 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) 835'

16. NO. OF ACRES IN LEASE
 523

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. 1530'

19. PROPOSED DEPTH
 6900' (Wasatch)

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5025' Ground

22. APPROX. DATE WORK WILL START*
 September 1, 1983

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 sx
7-7/8"	5 1/2"	17#	6900'	Circulate cmt to surface to properly isolate the hydrocarbon bearing zones, the oil shale & shallow ground water.

Fresh water aquifers will be protected when the long string is run and cement is circulated back to the surface. Please see the attached supplemental information:

- 1) Survey Plat
- 2) 10-Point Program
- 3) BOP Schematic
- 4) 13-Point Program
- 5) Cut & Fill
- 6) Proposed Gas Well Production Hookup:
 - a) Typical Wellhead Installation
 - b) Typical Connection to Main Lines & Pipe Anchor Detail
 - c) Proposed Flowline Right-of-Way

Circulate cmt to surface to properly isolate the hydrocarbon bearing zones, the oil shale & shallow ground water.

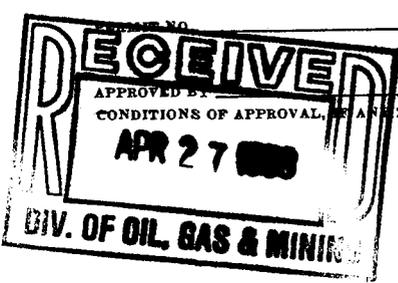
is run and cement supplemental information:

of vertical distance from surface to bottom of hole. Give blowout preventer program, if any.

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 L. W. Thyng TITLE District Drilling Engineer DATE April 21, 1983

(This space for Federal or State office use)



APPROVAL DATE APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS AND MINING
 DATE: 4-28-83
 BY: Jordan

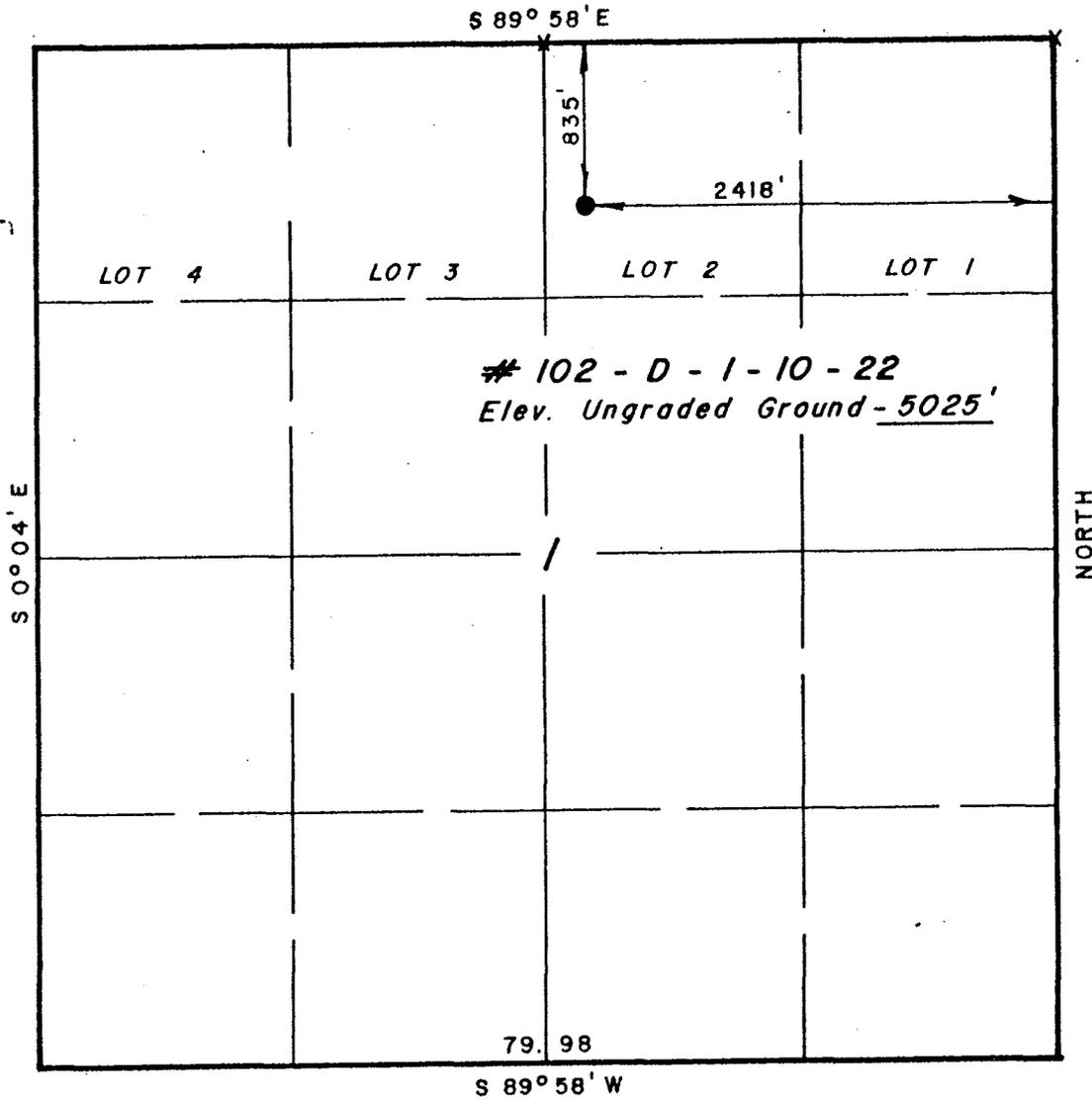
*See Instructions On Reverse Side

T 10 S, R 22 E, S.L.B. & M.

PROJECT

C.I.G. EXPLORATION INC.

Well location, # 102-D-1-10-22,
located as shown in Lot , Section 1,
T 10 S, R 22 E, S.L.B. & M., Uintah
County, Utah.



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. ...

REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

UTAH ENGINEERING & LAND SURVEYING P.O. BOX Q - 85 SOUTH - 200 EAST VERNAL, UTAH - 84078			
SCALE	1" = 1000'	DATE	3/25/85
PARTY	DA, DK JH	REFERENCES	GLO PLAT
WEATHER	FAIR	FILE	C.I.G.E.

X = Section Corners Located

10-POINT PROGRAM

1. Geologic name of surface formation:

Uintah Fm.

2. The estimated tops of important geologic markers:

Green River Fm: 1120
Wasatch Fm: 4180

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

Gas: Wasatch Fm: 4180

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
5 1/2"	K-55	LT&C	17#	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:

6. Continued --

The well will be drilled with fresh water from surface to 4000 with a weight of 8.3 to 8.5 . From 4100 to TD the well will be drilled with FW Gel with a weight from 8.6 to 10.2 . 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

Cores are expected to be cut. Intervals will be picked by the wellsite geologist in order to optimize the coring process.

Logs: DLL
GR-Sonic
GR-FDC/CNL

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

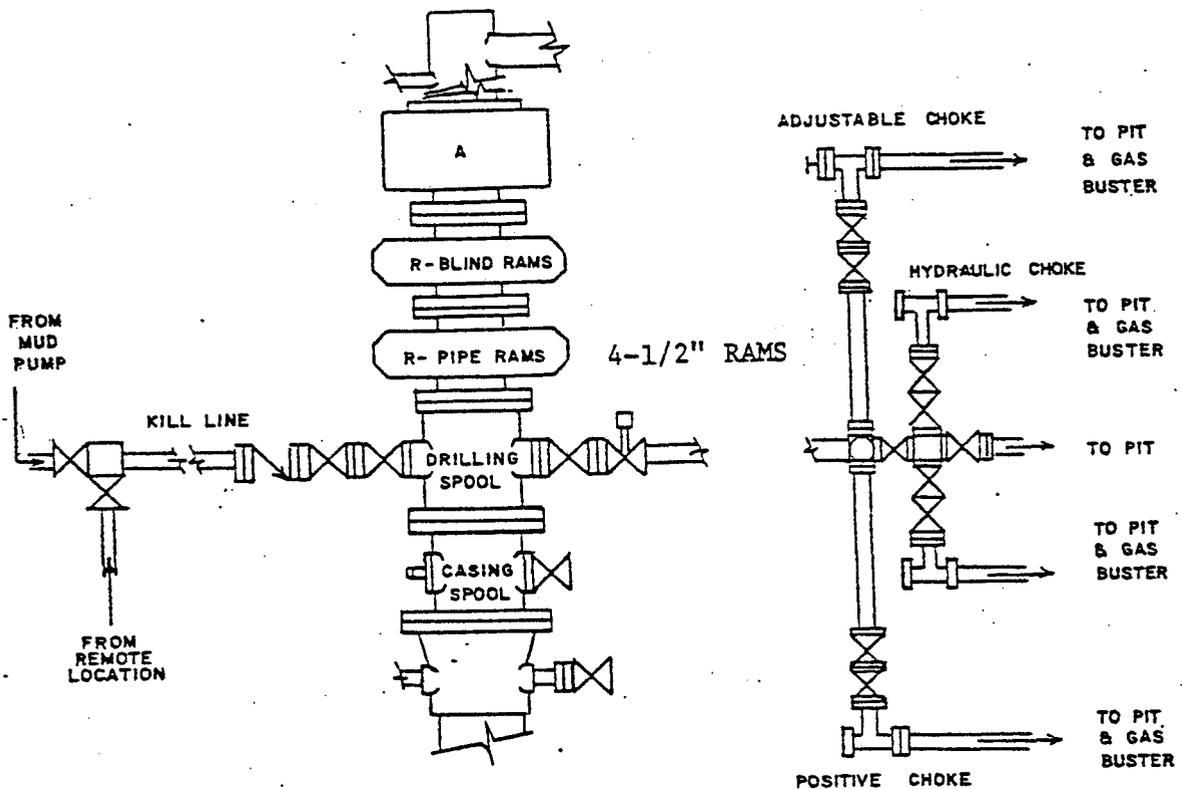
No abnormal pressures or temperatures expected
No hydrogen sulfide expected

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

Fall, 1983

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.

C.I.G. EXPLORATION INCORPORATED

13 Point Surface Use Plan

for

Well Location

C.I.G.E. #102D-1-10-22

Located In

Section 1, T10S, R22E, S.L.B. & M.

Uintah County, Utah

1. EXISTING ROADS

See attached Topographic Map "A".

To reach C.I.G. EXPLORATION INCORPORATED, well location site C.I.G.E. #102D-1-10-22 located in the NW 1/4 NE 1/4 Section 1, T10S, R22E, 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 and Utah State Highway 88, proceed South along Utah State Highway 88 - 10 miles to Duray, Utah; proceed on South along a county road, known as the Seep Ridge Road 1 mile + to the junction with a County Road along the White River; proceed in a Easterly direction along this road 11 miles to its junction with a road to the South; proceed in a Southerly direction along this road 2.0 miles to its junction with a road to the East; proceed in a Easterly direction along this road 6.0 miles to its junction with a road to the South; proceed in a Southwesterly direction along this road 3.5 miles to the beginning of the proposed access road (to be discussed in Item #2).

The highways mentioned above are bituminous surfaced road to Duray, Utah and are maintained by State road crews.

The county road known as the Seep Ridge road is surfaced with native asphalt and the first 4 miles of the County road described above has a native asphalt surface and is then a gravel surface road. The above described county road is maintained by county road crews and will require no future maintenance. The dirt gas field roads described above are dirt surfaced roads that were built out of the native materials of the area which were accumulated during their construction. These materials consist of light brown sandy clay materials with some poorly graded gravels. These gas field roads will be maintained by C.I.G. EXPLORATION INCORPORATED or its sub-contractors, this maintenance will consist of some minor work to smooth road grades and for snow removal.

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.L.M. 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 SE 1/4 NW 1/4 Section 1, T10S, R22E, S.L.B. & M. and proceeds in a Northerly direction 1700' to the proposed location site.

The grade along this road will be relatively level, the maximum grade along this road will not exceed 8%. The vegetation along this road consists of sagebrush and grasses with large areas devoid of any vegetation.

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 the area.

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

The road will be centerline flagged prior to the commencement of construction. This road will be constructed out of the native materials which will be accumulated during its construction.

It is not anticipated at this time that there will be any turnouts required along this road, however, if at the time of the onsite inspection it is determined that it is necessary, then it will be constructed according to the specifications for turnout installation in the Oil and Gas Surface Operation Manual.

It is not anticipated that there will be any culverts required along this road as it crosses no drainages of any consequence.

3. EXISTING WELLS

There are approximately nine existing producing gas 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, abandoned 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 C.I.G. EXPLORATION INCORPORATED 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 proposed gas flow will be an 18' right-of-way.

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

All facilities in the Natural Buttes Unit will be painted the approved color of "Carlsbad Canyon 2.5Y 6/2."

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 at a point in Section 17, T9S, R22E, S.L.B. & M. 10 miles over the roads described in Items #1 and #2.

In the event the above source cannot be improvised other arrangements will be made and all concerned agencies are notified. All permits and necessary requirements will be strictly adhered to.

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.

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

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 and hauled to the nearest sanitary landfill. 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.

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.L.M. District Manager shall be notified before any construction begins on the proposed location site and road.

As mentioned in Item #7, the pits will be 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.L.M. District Manager 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 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 (QL) 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.I.G.E. #102D-1-10-22 location site sits on a relatively flat area in approximately 1 mile East 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 Northeast through the location to the Southwest at approximately a 4.0% grade into a large non-perennial drainage which drains to the West into the White River.

The location is covered with some sagebrush and grasses.

The total surface ownership affected by this location is administered by the B.L.M.

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

C.I.G. EXPLORATION INCORPORATED
P.O. Box 749
Denver, CO. 80201

1-303-572-1121

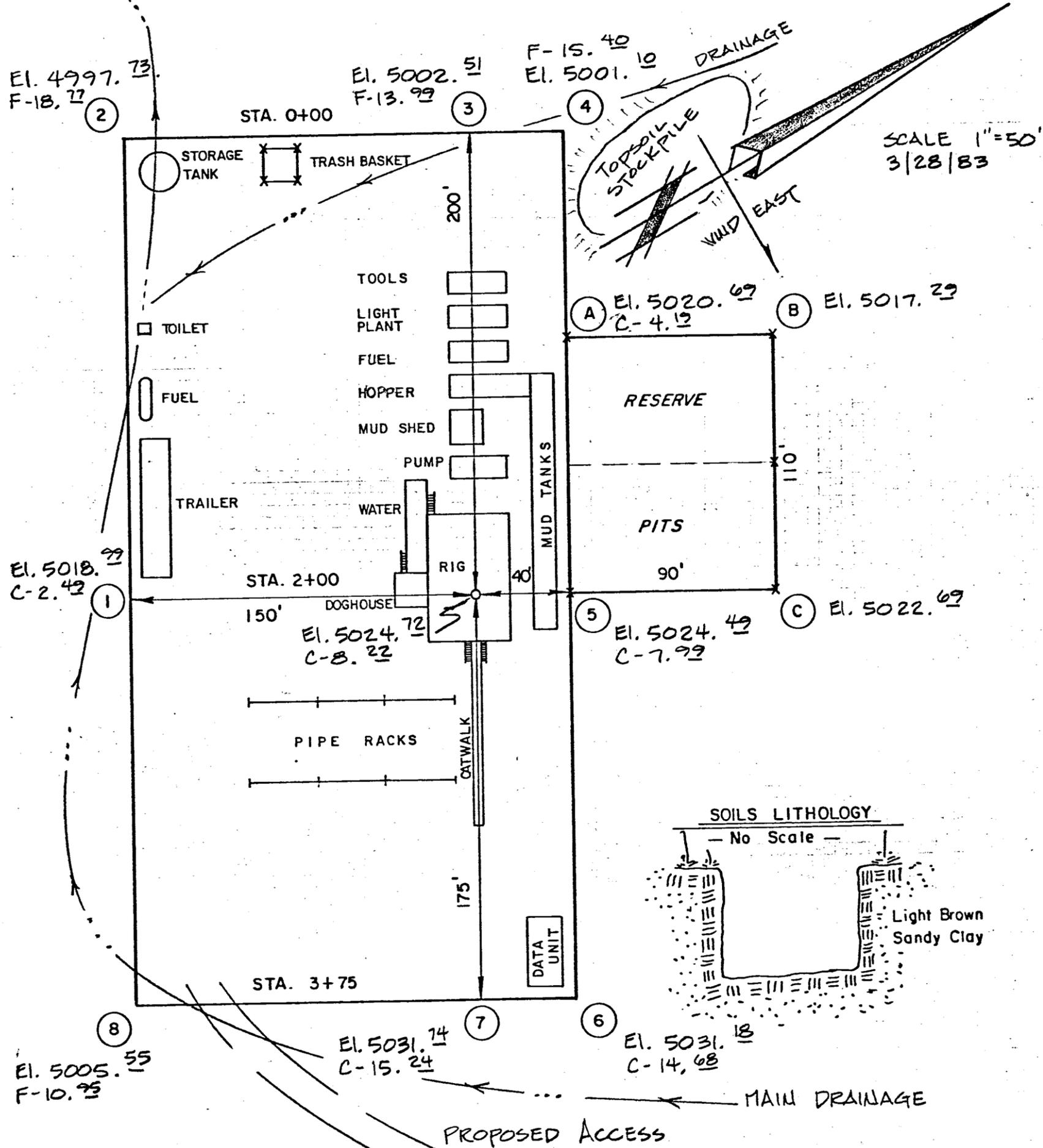
13. CERTIFICATION

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 C.I.G. EXPLORATION INCORPORATED and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

Date

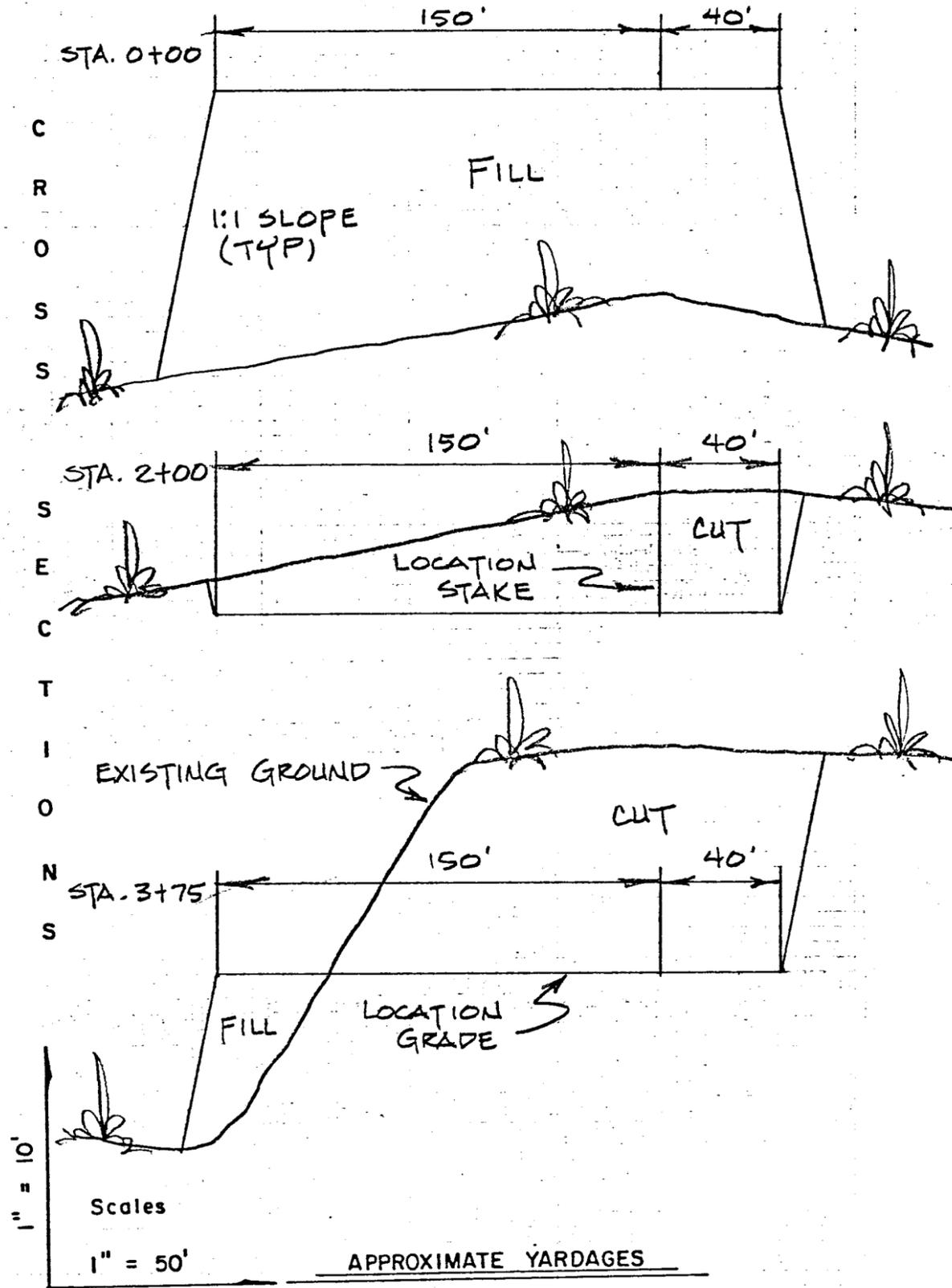
4-21-83

S. W. Doying



C.I.G. EXPLORATION INC.

102-D-1-10-22



Cubic Yards Cut - 14,772
 Cubic Yards Fill - 13,239

Mtn. Fuel Bridge - 6 MI
OURAG UT. - 14 MI

PROPOSED LOCATION

PROPOSED ACCESS ROAD
(1700' ±)

3.5 MILES

T9 S
T10 S

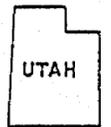
R R
22 E
23 E

C.I.G. EXPLORATION INC.
#102-D-1-10-22
PROPOSED LOCATION



SCALE 1" = 2000'

ROAD CLASSIFICATION
Light duty road, all weather, Improved surface  Unimproved road fair or dry weather 



UTAH
QUADRANGLE LOCATION

Statement for permit to lay flow line, to be included with application for Drilling Permit:

Upon approval of all concerned regulatory agencies, CIG proposes to install a surface flow line from CIGE #102D-1-10-22 in a southwesterly direction through the NE/4 of Section 1 connecting to Line F 31-4" in the NE/4 of Section 1, all in 10S-22E. The line will be approximately 300' long, as shown on the attached sketches.

Pipe will be 2-3/8" O.D. x .125" W.T., Grade B. It will be butt-welded in place, using portable electric welding machines, and will be laid aboveground except where burial is necessary for road crossing, ditches, or other obstructions. Magnesium anodes will be installed at the dehydrator, meter setting, road crossings, underground piping at stream crossings, and at producer's separator for corrosion protection.

CIG will connect to producer's separator and install dehydration and metering facilities within 100' of connection.

Some damage will be incurred by trucks transporting pipe and welding equipment over the pipeline route, but surface disturbance will be held to a minimum.

ESTIMATE SKETCH

DATE: 4-11-83
STARTING DATE: _____
EST. COMP. DATE: _____
 COMPANY CONTRACT

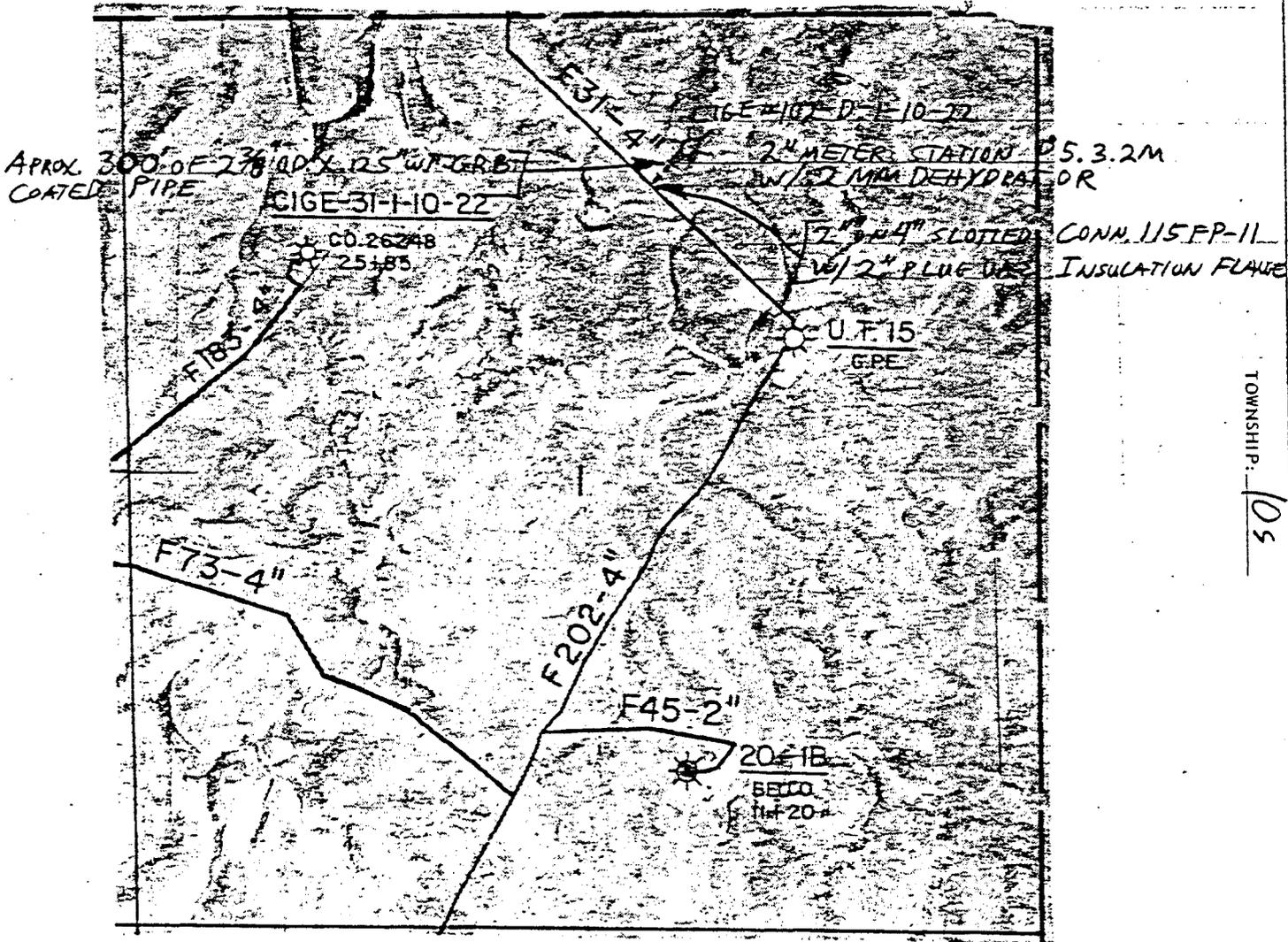
COLORADO INTERSTATE GAS COMPANY

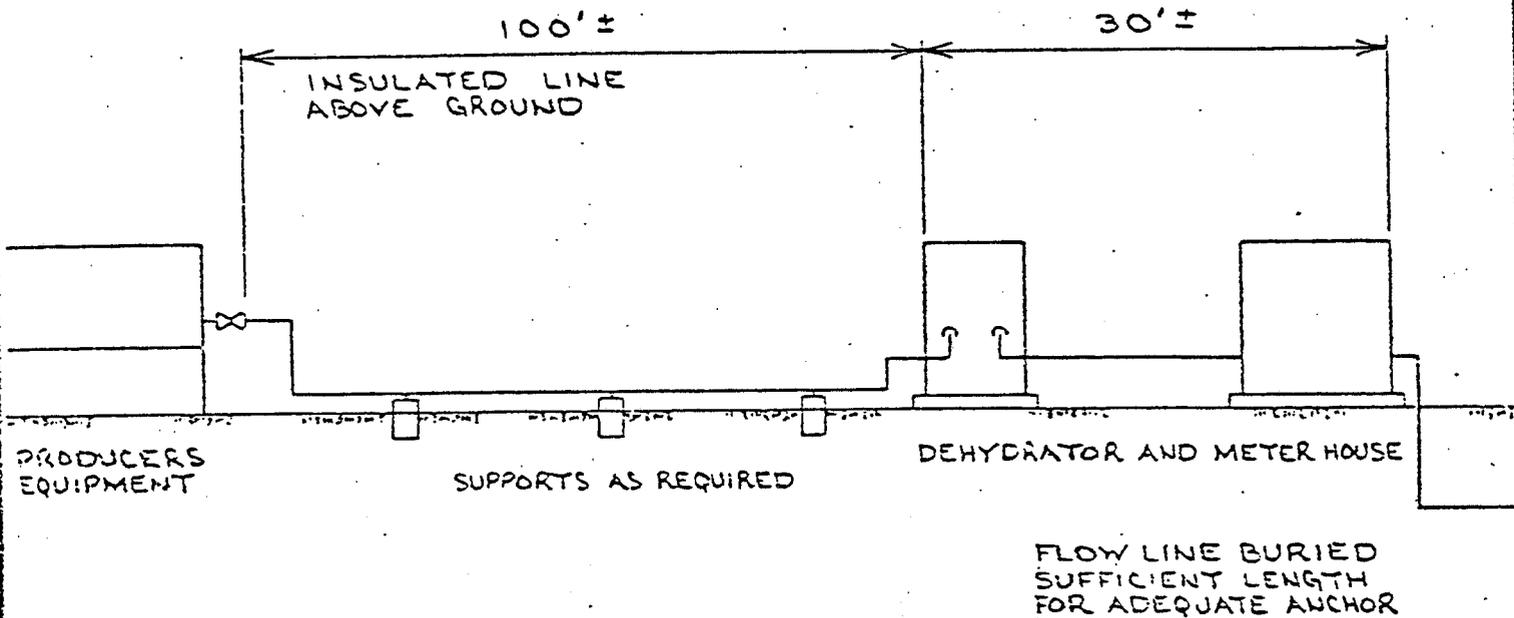
W O NO.: _____
REVISION NO.: _____
BUDGET NO.: _____
RELATED DWG. 115FU-1F

LOCATION: NW NE SECT 1-10S-22E COUNTY: WINTAH STATE: UTAH
DESCRIPTION OF WORK: CONNECT CIG #102-D-1-10-22 NATURAE BUTTES
(C.I.G. EXPL.)

REQUESTED BY: _____ APPROXIMATE MILEAGE: _____ PROJECT ENGINEER: JFK

RANGE: 22E





Colorado Interstate Gas Co.
 COLORADO SPRINGS, COLORADO

TYPICAL WELL HEAD INSTALLATION
 NATURAL BUTTES FIELD

UINTAH COUNTY,

UTAH

PIPELINE TO BE ADEQUATELY ANCHORED TO PREVENT UNDUE MOVEMENT OR STRAIN TO EXISTING FACILITY. NUMBER AND SPACING OF ANCHORS TO BE DETERMINED IN FIELD

FOR PIPE ANCHOR DETAIL SEE DWG. 80FM3-4A

20'±

D.O.

C.V.

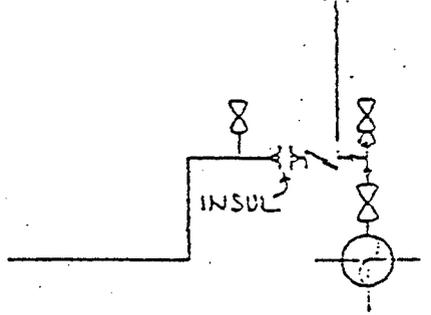
S.V.

EXIST. PIPELINE

ALTERNATE ANCHOR - BURY PIPELINE MIN. OF 18"

(TYP. FOR G.P.E. OR C.I.G.)

C.I.G. OTHER



TYP. FOR CONN. TO M.F.S.

Colorado Interstate Gas Co.
 COLORADO SPRINGS COLORADO

TYPICAL CONNECTION TO MAIN LINES AND PIPE ANCHOR DETAIL - NATURAL BUTTES FIELD

UINTA COUNTY, UTAH

1 2325B REVISE STARTING POINT 6-22-77 RWP

OPERATOR COASTAL OIL & GAS CORP DATE 4-28-83

WELL NAME NATURAL BUTTES UNIT # CIG 102 D -1-10-22

SEC NW 1/4 T 10 S R 22 E COUNTY WINTAH

43-047-31339
API NUMBER

FGD
TYPE OF LEASE

POSTING CHECK OFF:

INDEX

HL

NID

PI

MAP

PROCESSING COMMENTS:

APPROVAL LETTER:

SPACING:

A-3 NATURAL BUTTES UNIT

c-3-a

CAUSE NO. & DATE

c-3-b

c-3-c

SPECIAL LANGUAGE:

SPECIAL ATTENTION IS DIRECTED TO COMPLIANCE WITH THE
ORDER IN CAUSE NO. 190-5 DATED 1-27-83, WHICH SPECIFIES
DESIGNATED
DRILLING PROCEDURES IN OIL SHALE DESIGNATED AREAS

April 28, 1983

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

RE: Well No. Natural Buttes Unit
CIGE #102D-1-10-22
NWNE Sec. 1, T. 10S, R. 22E
835 FNL, 2418 FEL
Uintah County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure. Special attention is directed to compliance with the order in Cause No. 190-5 dated January 27, 1983, which specifies drilling procedures in designated oil shale areas.

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

RONALD J. FIRTH - Chief Petroleum Engineer
Office: 533-5771
Home: 571-6068

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 43-047-31339.

Sincerely,


Norman C. Stout
Administrative Assistant

NCS/as
cc: Oil & Gas Operations
Enclosure

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MINERALS MANAGEMENT
SERVICE

5. LEASE DESIGNATION AND SERIAL NO.

OIL & GAS OPERATIONS
U-OIL RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL DEEPEN PLUG BACK

b. TYPE OF WELL

OIL WELL GAS WELL OTHER
SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR

Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR

P.O. Box 749, Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface

835' FNL/2418' FEL

At proposed prod. zone
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 18 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) 835'

16. NO. OF ACRES IN LEASE

523

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

1530'

19. PROPOSED DEPTH

6900' (Wasatch)

17. NO. OF ACRES ASSIGNED TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

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

5025' Ground

22. APPROX. DATE WORK WILL START*

September 1, 1983

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	9-5/8"	36#	200'	125 sx
7-7/8"	5 1/2"	17#	6900'	Circulate cmt to surface to properly isolate the hydrocarbon bearing zones, the oil shale & shallow ground water.

Fresh water aquifers will be protected when the long string is run and cement is circulated back to the surface. Please see the attached supplemental information:

- 1) Survey Plat
- 2) 10-Point Program
- 3) BOP Schematic
- 4) 13-Point Program
- 5) Cut & Fill
- 6) Proposed Gas Well Production Hookup:
 - a) Typical Wellhead Installation
 - b) Typical Connection to Main Lines & Pipe Anchor Detail
 - c) Proposed Flowline Right-of-Way

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 L. W. Thying TITLE District Drilling Engineer DATE April 21, 1983
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE JUN 22 1983
APPROVED BY WT Martin TITLE E. W. Gynn District Oil & Gas Supervisor DATE _____
CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

*See Instructions On Reverse Side

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

NOTICE OF APPROVAL

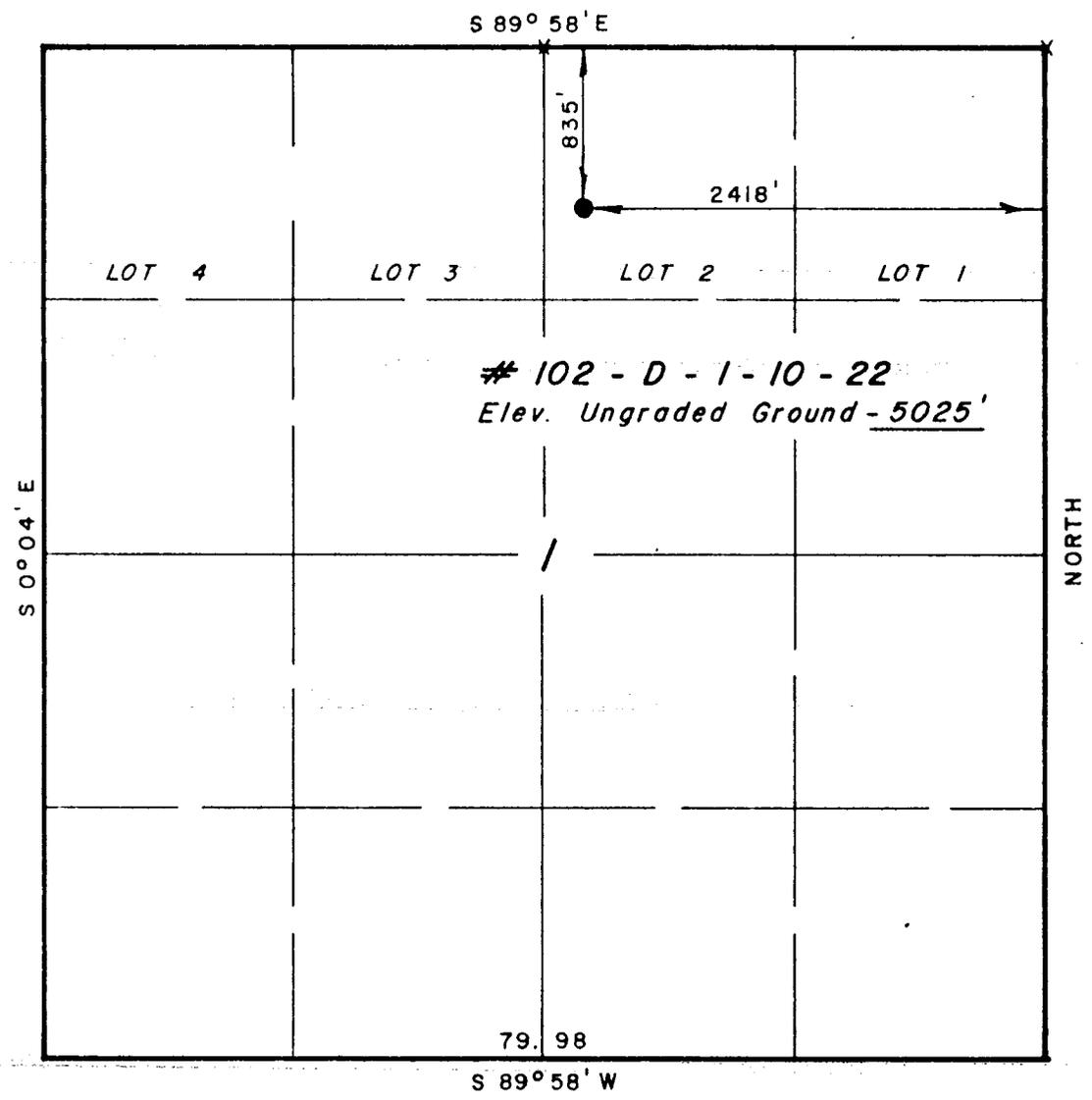
STATE 0 & G

PROJECT

C.I.G. EXPLORATION INC.

Well location, # 102-D-1-10-22,
located as shown in Lot , Section 1,
T 10 S, R 22 E, S.L.B. & M., Uintah
County, Utah.

T 10 S, R 22 E, S.L.B. & M.



102 - D - 1 - 10 - 22
Elev. Ungraded Ground - 5025'



CERTIFICATE

I HEREBY CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES IN ACCORDANCE WITH THE SURVEYING LAWS OF THE STATE OF UTAH,
SUPERVISOR, 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	3/25/85
PARTY	DA, DK JH	REFERENCES	GLO PLAT
WEATHER	FAIR	FILE	C.I.G.E.

X = Section Corners Located

Coastal Oil and Gas Corporation
Well No. CIGE 102D-1-10-22
Section 1, T. 10 S., R. 22 E.
Uintah County, Utah
Natural Buttes Unit
Lease U-011336

Supplemental Stipulations

- 1) Traveling off access road right-of-ways will not be allowed. The maximum width of access roads (both existing and planned) will be 30 feet total disturbed area. Roads will be crowned and properly maintained. Turn-outs will not be required. Bar ditches will be installed where necessary.
- 2) Burn pits will not be constructed. There will be no burning or burying of trash or garbage at the well site. Refuse must be contained in trash cages and hauled to an approved disposal site.
- 3) A wire mesh or net type of fence, topped with at least one strand of barbed wire, will be used around the reserve pits.
- 4) The BLM will be contacted at least 24 hours prior to any construction or rehabilitation activities. The operator may be informed of any additional needed seeding requirements.
- 5) No topsoil will be stockpiled, as the location is on a gravelly ridgetop, surrounded on three sides by steep sidehills and on the fourth by an existing gas flowline. Upon abandonment the location will be recontoured and ripped to a minimum of 12 inches as part of the rehabilitation plan for this location.
- 6) The BLM will be notified at least 24 hours prior to any pipeline construction.
- 7) A bulldozer may be used to assist trucks in steep terrain, drag pipeline into position, and for the construction of ford type crossings on drainages which cannot otherwise be crossed. Construction of drainage crossing is the only type of surface disturbance authorized.
- 8) Pipeline construction shall not block, dam, or change the natural flow of any drainage.
- 9) All permanent (onsite for six (6) months duration or longer) structures constructed or installed, including the pumpjack and covering over tank insulation, shall be painted a flat, non-reflective, earth tone color to match Tnemec 23-08351 Mesa Brown Enduratone or an approved equal. All facilities shall be painted within six (6) months of when the production facilities are put in place. Facilities that are required to comply with O.S.H.A. (Occupational Safety and Health Act) standards are excluded.

- 10) Choice of color stipulation may vary depending on location.
- 11) Adequate and sufficient electric/radioactive logs will be run to locate and identify the prime oil shale horizons and saline minerals in the Green River formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the oil shale and saline minerals resources. Surface casing program may require adjustment for protection of fresh water aquifers.

ADDITIONAL STIPULATIONS FOR PRODUCTION FACILITIES

Your Application for Permit to Drill also included a submittal for production facilities. These production facilities are approved for the lessee and his designated operator under Section 1 of the Oil and Gas Lease with the following conditions:

- (1) The oil and gas measurement facilities must be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy are to be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. Please provide this office with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports are to be submitted to the Salt Lake City District Oil and Gas Supervisor. Royalty payments will be made on all production volume as determined by the meter measurements or the tank measurements. All measurement facilities must conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.
- (2) Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs must be housed and/or fenced.
- (3) All disturbed areas not required for operations will be rehabilitated.
- (4) All produced liquids must be contained including the dehydrator vent/condensate line effluent. All production pits must be fenced.
- (5) The well activity, the well status and the date the well is placed on production must be reported on Lessee's Monthly Report of Operations, Form 9-329.
- (6) All off-lease storage, off-lease measurement, or commingling on lease or off-lease must have written approval.
- (7) All product lines entering and leaving hydrocarbon storage tanks must be locked/sealed.
- (8) You are reminded of the requirements for handling, storing, or disposing of water produced from oil and gas wells under NTL-2B.
- (9) All materials, trash, junk, debris, etc. not required for production must be removed from the well site and production facility site at the completion of these operations.
- (10) A copy of the Gas Sales Contract will be provided to this office and the Royalty Accounting Department as directed.
- (11) Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the BLM/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development." This includes, but is not limited to, such items as road construction and maintenance, handling of top soil and rehabilitation.
- (12) "Sundry Notice and Reports on Wells" (form 9-331) will be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained verbally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alternations of facilities, including roads, gathering lines, batteries, measurement facilities, etc., will require the filing of a suitable plan and prior approval by the survey.



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

February 21, 1985

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

Gentlemen:

Re: Well No. Natural Buttes Unit CIGE 102D-1-10-22 - Sec. 1, T. 10S., R. 22E - Uintah County, Utah - API #43-047-31339
Lease #U-011336 - Operator of Record - Coastal Oil & Gas Corp

The above referred to well in your district was given federal approval to drill June 22, 1983. This office has not received notification of any activity on this location.

Please let me know what action, if any, the Bureau of Land Management is taking on this well.

Thank you for your help in keeping our records up to date.

Sincerely,

A handwritten signature in cursive script that reads "Claudia L. Jones".

Claudia L. Jones
Well Records Specialist

cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File
0087S/49

**Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078**

RECEIVED

MAR 01 1985

3100
O&G

DIVISION OF OIL
GAS & MINING

February 26, 1985

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

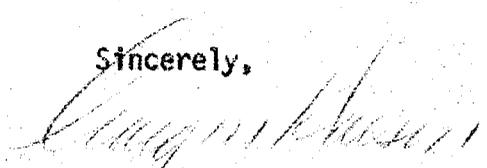
RE: Rescind Application for Permit to Drill
Well No. 1020-1-10-22
Section 1, T10S, R22E
Uintah County, Utah
Lease No. U-011336

Gentlemen:

The Application for Permit to Drill the referenced well was approved on June 22, 1983. Since that date, no known activity has transpired at the approved location. Under current District policy, Applications for Permit to Drill are effective for a period of one year. 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,


Craig M. Hansen
ADM for Minerals

bcc: State Div. O G & M
well file



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

March 14, 1985

Coastal Oil & Gas Corporation
600 Seventeenth Street
Denver, Colorado 80201-0749

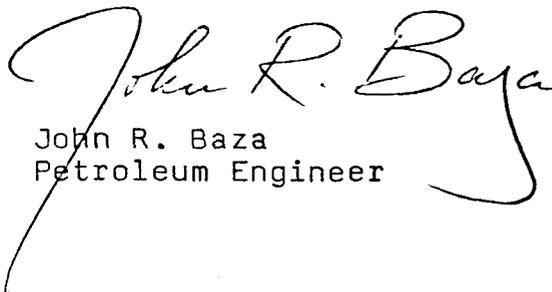
Gentlemen:

Re: Well No. N B Unit #CIGE 102D-1-10-22 - Sec. 1, T. 10S., R. 22E
Uintah County, Utah - API #43-047-31339

In concert with action taken by the Bureau of Land Management, February 26, 1985, approval to drill the above-indicated well is hereby rescinded.

A new "Application for Permit to Drill" must be filed with this office, for approval, prior to future drilling of the subject location.

Sincerely,



John R. Baza
Petroleum Engineer

clj

cc: Dianne R. Nielson
Ronald J. Firth
File

0123S/28



Coastal Oil & Gas Corporation
a subsidiary of The Coastal Corporation

600 17th Street—Suite 800 S
P. O. Box 749
Denver, Colorado 80201-0749

303/572-1121

March 22, 1985

Mr. Craig M. Hansen
ADM for Minerals
U. S. Department of the Interior
Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

Re; COG/CIGE 102D-1-10-22
Lease No. U-011336
Section 1-T10S-R22E
Uintah County, Utah

Dear Mr. Hansen:

Regarding your rescinding Application for Permit to Drill the referenced well, please be advised that the location has been checked for surface damages and was found not to be disturbed.

Yours very truly,

Anne M. Dyer
Operations Analyst
Denver District Drilling Department

d

xc: State of Utah
Natural Resources
Oil, Gas & Mining
W. L. Donnelly
B. J. Nelson
H. E. Aab