

UTAH OIL AND GAS CONSERVATION COMMISSION

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

* Location Abandoned - Application Rescinded - 4-7-83

DATE FILED 1-20-82

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. U-01196-A INDIAN

DRILLING APPROVED: 1-29-82

SPUDDED IN: COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: LA 4-7-83

FIELD: NATURAL BUTTES 3/86.

UNIT:

COUNTY: UINTAH

WELL NO. CIGE #98D-8-10-22J

API NO. 43-047-31172

LOCATION 783 FT. FROM X (S) LINE. 667

FT. FROM XX (W) LINE. SW SW 1/4 - 1/4 SEC 8

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
10S	22E	8	CIG EXPLORATION				

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. U-01196-A	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
2. NAME OF OPERATOR CIG Exploration, Inc.			7. UNIT AGREEMENT NAME Natural Buttes Unit	
3. ADDRESS OF OPERATOR P. O. Box 749, Denver, CO 80201			8. FARM OR LEASE NAME Natural Buttes Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface 783' FSL/667' FWL (SW SW) At proposed prod. zone Same			9. WELL NO. CIGE 98D-8-10-22J	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 15 miles SE of Ouray, Utah			10. FIELD AND POOL, OR WILDCAT Natural Buttes Field	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 667'		16. NO. OF ACRES IN LEASE 160	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. N/A		19. PROPOSED DEPTH 6900' (Wasatch)	20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5273' Ungr. Gr.			22. APPROX. DATE WORK WILL START* March 15, 1982	

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
8-3/4, 7-7/8	4-1/2"	11.6#	6900'	Sufficient cmt to cover 200' above the uppermost hydrocarbon zone to protect the oil shale.

Fresh water aquifers will be protected when the long string is run and cement is circulated back to surface.

Please see the attached supplemental information:

- (1) Survey Plat
- (2) Ten-Point Program
- (3) BOP Schematic
- (4) Thirteen-Point Surface Use Program
- (5) Proposed Gas Well Production Hookup
 - a. Typical Wellhead Installation
 - b. Typical Connection to Main Lines & Pipe Anchor Details
 - c. Proposed Flowline Right-of-Way

RECEIVED
JAN 20 1982
DIVISION OF OIL, GAS & MINING

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

24. SIGNED H. E. Aab TITLE District Drilling Manager DATE January 18, 1982

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

DATE: 1/20/82
BY: CB Ferguson

1. Geologic name of surface formation:

UINTA

2. The estimated tops of important geologic markers:

GREEN RIVER: 1288' (+3985')

WASATCH: 4433' (+480')

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

WASATCH - 4433' GAS -

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

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

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

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

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

TOP: Grant rotating head

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

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

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:

(Continued on Page 2)

10-POINT PROGRAM - PAGE 2

6. Continued --

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

7. The auxiliary equipment to be used:

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

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

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

LOGS: Dual Induction Laterolog
Compensated Neutron-Formation Density

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

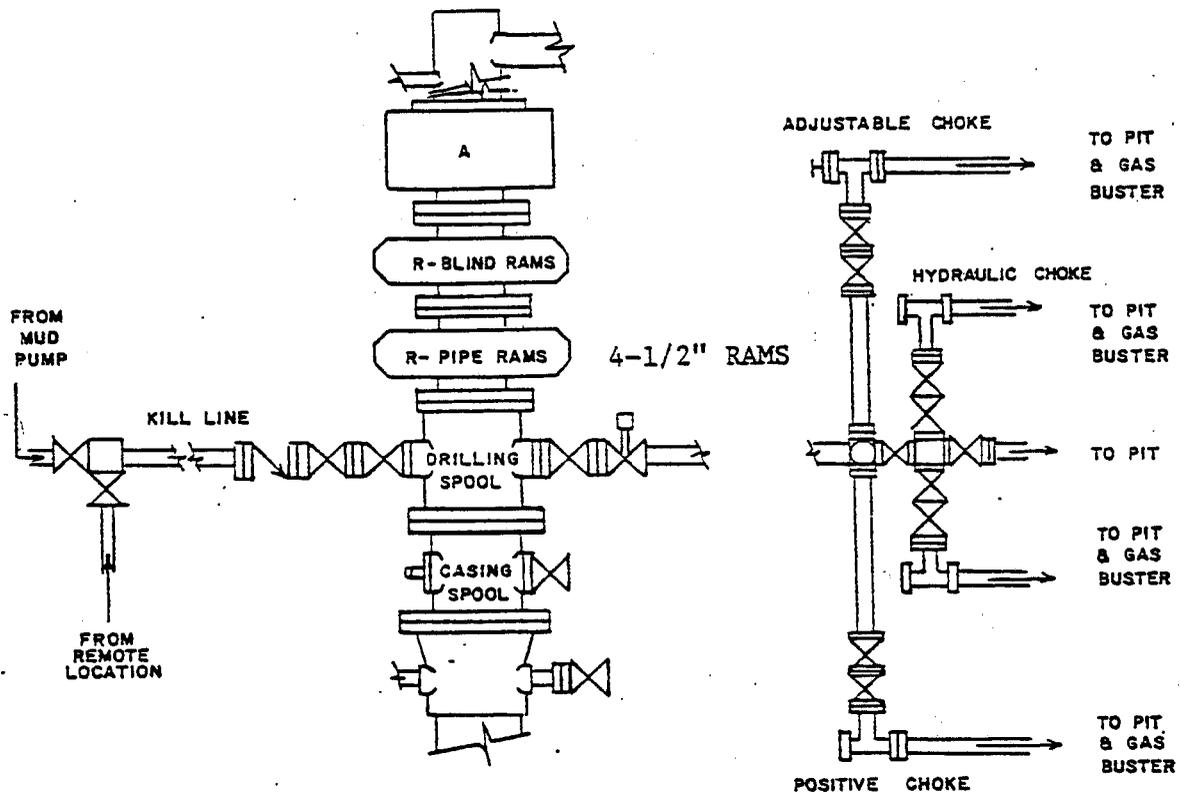
No abnormal pressures or temperatures expected
No hydrogen sulfide expected

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

March 15, 1982
Three weeks' duration

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. #98D-8-10-22-J

Located In

Section 8, 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. #98D-8-10-22-P2 located in the SW 1/4 SW 1/4 Section 8, 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 Ouray, Utah; proceed on South along a county road, known as the Seep Ridge Road 11.4 miles + to its junction with a road to the East; proceed Easterly along this road 9.2 miles to its junction with a road to the Northeast; proceed Northeasterly along this road 1.8 miles to its junction with a road to the Northwest; proceed Northwesterly 0.76 miles to the beginning of the proposed access road (to be discussed in Item #2).

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to Ouray, Utah at which point the county road is surfaced with native asphalt, to the oil field service road.

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

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

The roads that are required for access during the drilling phase, completion phase, and production phase of this well, will be maintained at the standards required by the B.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 NE 1/4 Section 18, T10S, R22E, S.L.B. & M. and proceeds in a Northwesterly direction 0.72 miles to the proposed location site.

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

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

The grade of this road will not exceed 8% and will be constructed from native borrow accumulated during construction.

There will be no culverts required along this access road.

There are no fences encountered along this access road therefore there are no gates or cattleguards required.

The terrain that this proposed road traverses is relatively flat.

All lands involved under this action are under B.L.M. jurisdiction.

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

3. EXISTING WELLS

There are seven existing producing wells and one abandoned well within a one mile radius of this location site. See Topographic Map "B" for the location of these wells relative to the proposed location site.

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

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

At the present time there are other C.I.G. EXPLORATION INCORPORATED Production facilities, and gas gathering line, tank batteries, oil gathering lines, injection lines or disposal lines within a one-mile radius.

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

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

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

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

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

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

5. LOCATION AND TYPE OF WATER SUPPLY

See Topographic Map "A".

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

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

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

6. SOURCE OF CONSTRUCTION MATERIALS

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

7. METHODS OF HANDLING WASTE DISPOSAL

A reserve pit shall be constructed, and at least half of the depth of the reserve pit shall be below the existing ground surface. All trash and flammable materials will be contained in a portable trash basket 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 two in the area having a year round flow being the White River to the North of which the numerous washes, draws and non-perennial streams are tributaries to.

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

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

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

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

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

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

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

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

C.I.G.E. #98D-8-10-22-P2 location site sits on a relatively flat area, approximately 1 mile East of Sand Wash a non-perennial drainage which drains to the North into 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 Southeast through the location to the Northwest approximately a 6.0% grade into a small non-perennial drainage which drains to the West into Sand Wash a non-perennial drainage which drains to the North in to the White River.

The location is covered with some sagebrush and grasses.

The total surface ownership affected by this location is under B.L.M. jurisdiction.

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.

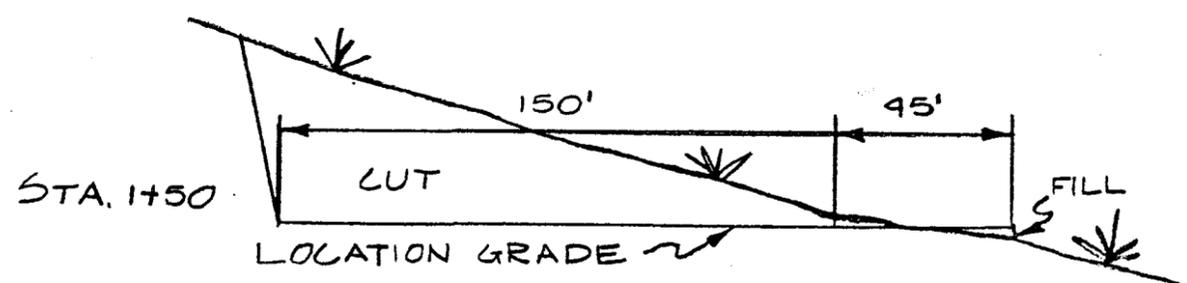
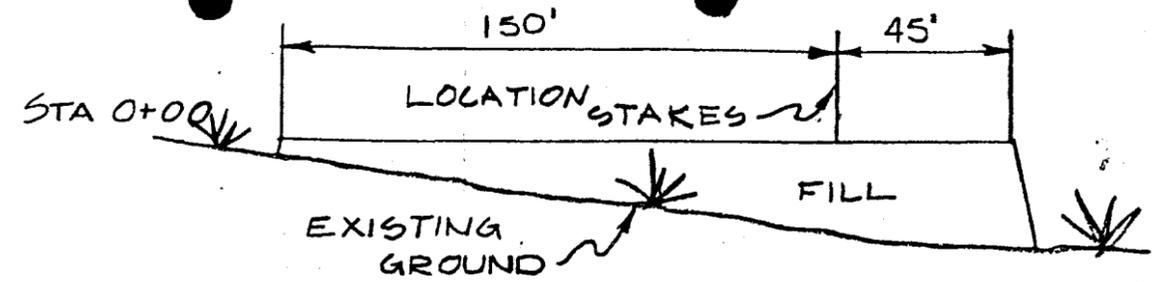
January 18, 1982
Date


H. E. Aab
District Drilling Manager

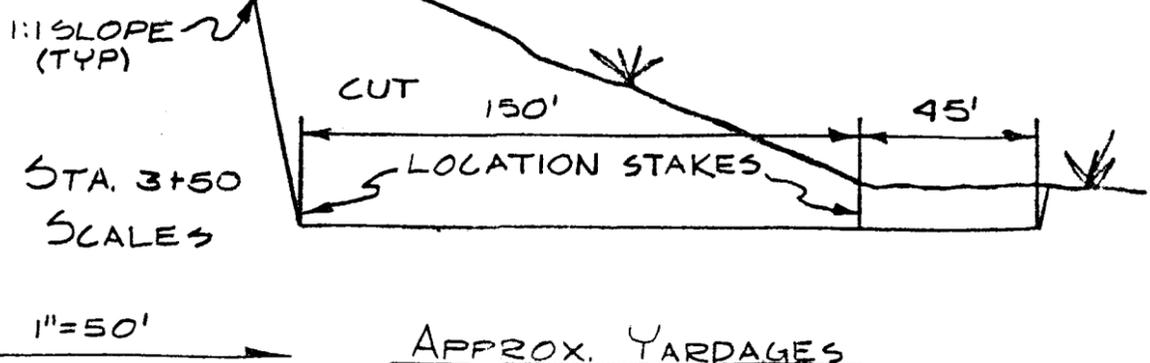
C.I.G. EXPLORATION INC.

98D-8-10-22-J
12/18/81

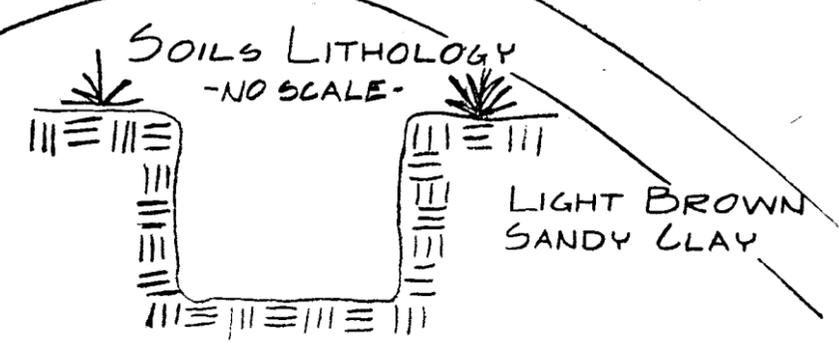
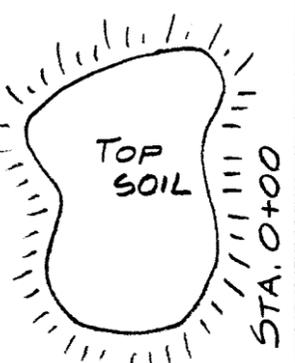
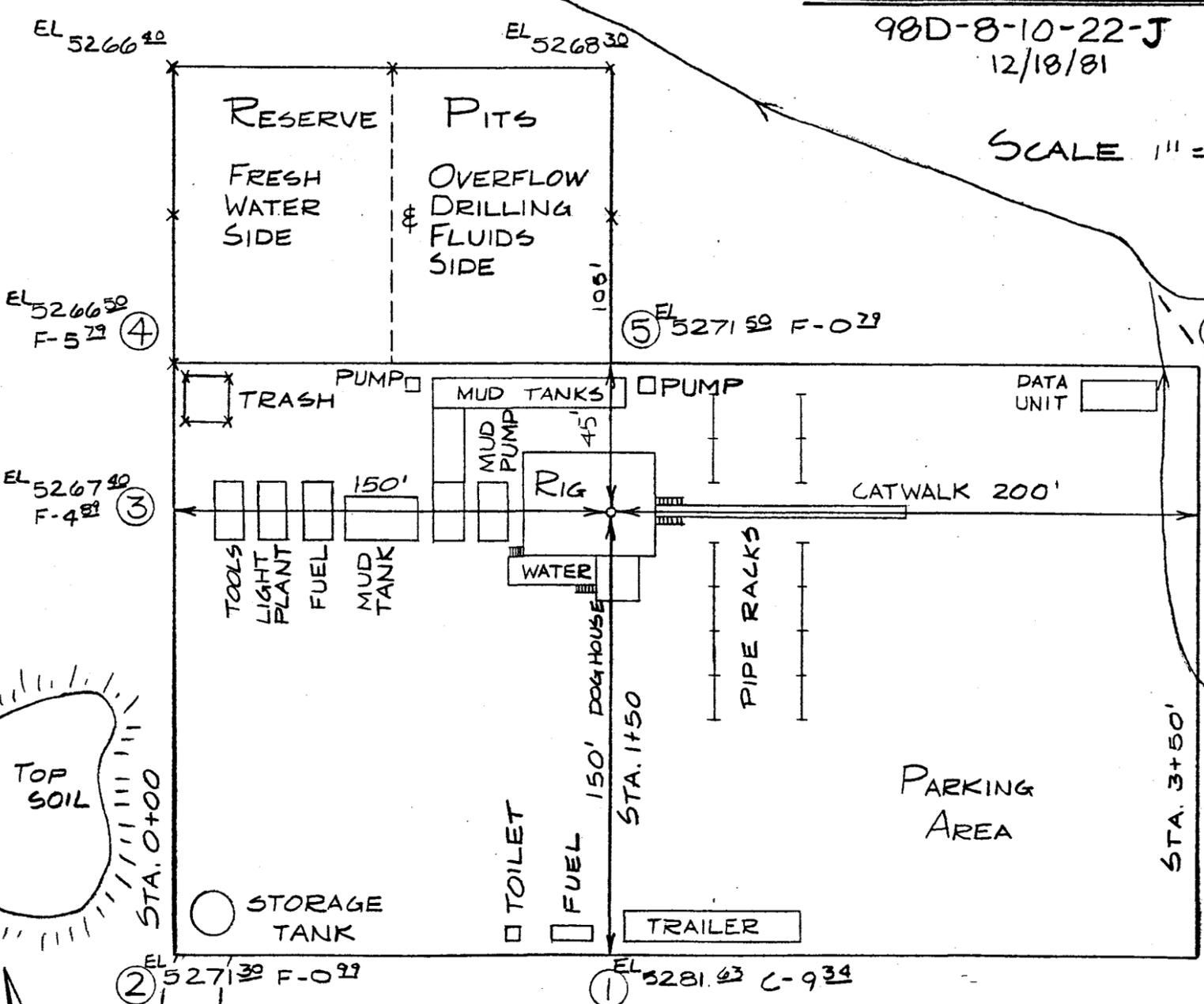
SCALE 1" = 50'

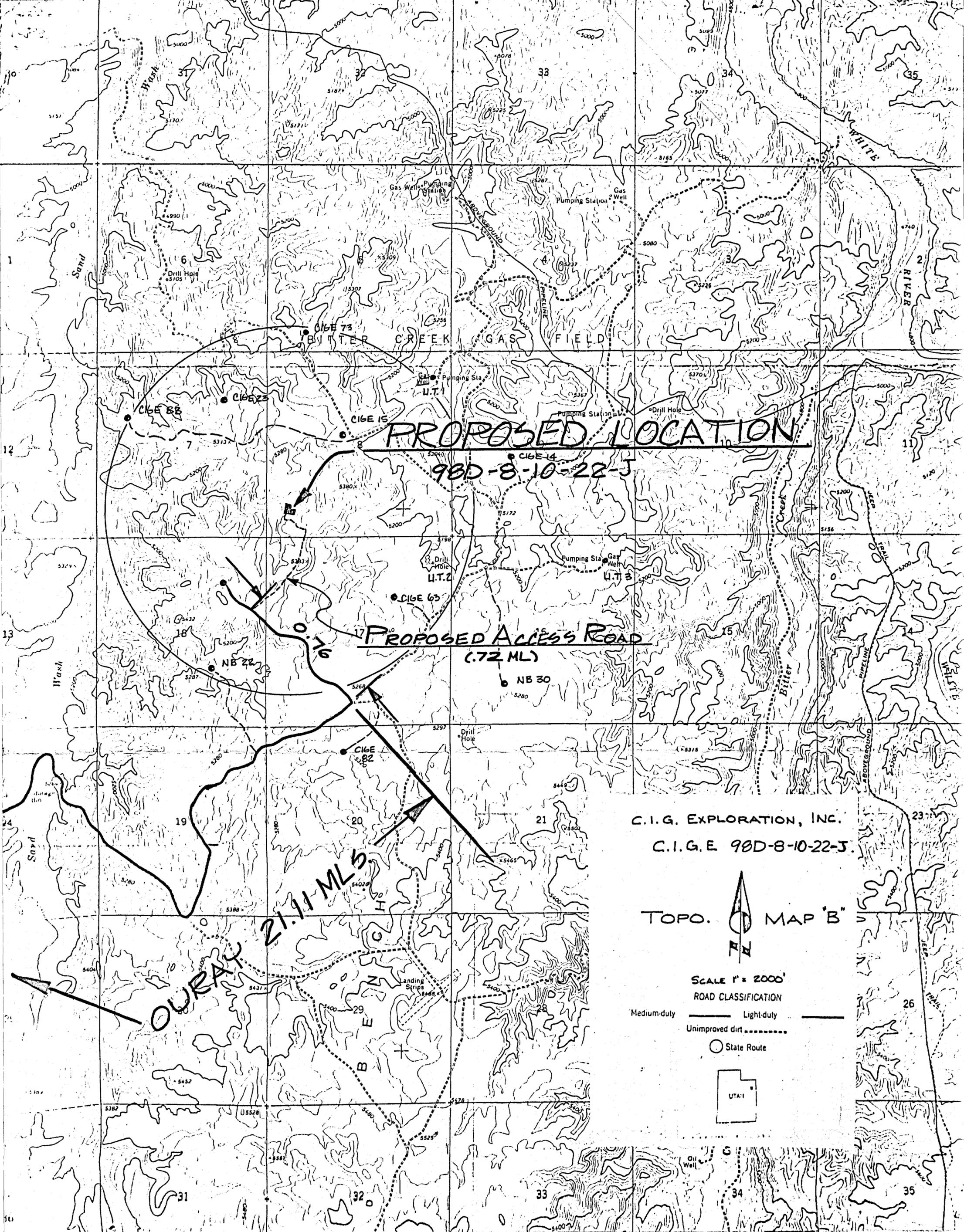


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APPROX. YARDAGES
CU YDS. CUT - 10475
CU YDS. FILL - 2026





PROPOSED LOCATION

98D-8-10-22-J

PROPOSED ACCESS ROAD
(.72 ML)

OURAY 21.91 MLs

C.I.G. EXPLORATION, INC.
C.I.G.E 98D-8-10-22-J

TOPO. MAP 'B'

SCALE 1" = 2000'

ROAD CLASSIFICATION

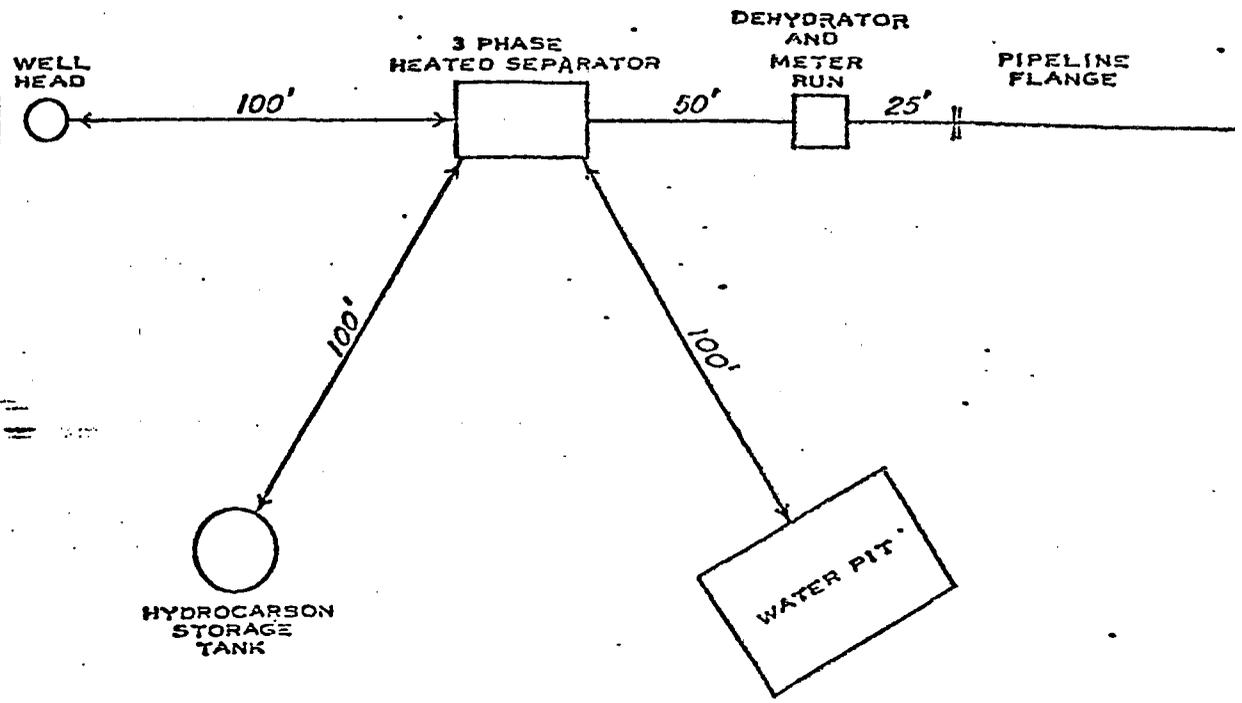
Medium-duty Light-duty

Unimproved dirt

State Route



ROAD



COLORADO INTERSTATE GAS EXPLORATION
DENVER, COLORADO

CIGE 98D-8-10-22J
Section 8-T10S-R22E
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

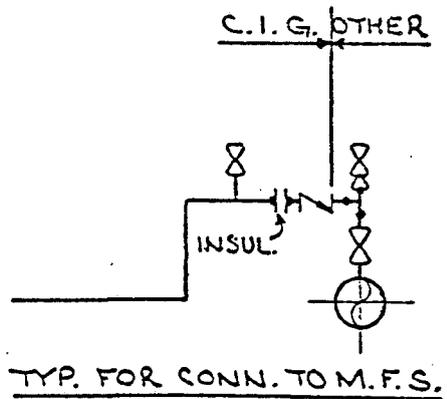
20'±

B.O.
U.Y.
S.Y.

EXIST. PIPELINE

ALTERNATE ANCHOR - BURY PIPELINE MIN. OF 18"

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



1	2385B	REVISE STARTING POINT	8-22-77	RWP	[Signature]

Colorado Interstate Gas Co.
COLORADO SPRINGS, COLORADO

TYPICAL CONNECTION TO MAIN LINES AND PIPE ANCHOR DETAIL - NATURAL BUTTES FIELD
UINTA COUNTY, UTAH

NO	C O. NO	DESCRIPTION	DATE	BY	CHK.	APP.	SCALE: NONE	DRAWN: RWP	APP: [Signature]	115FP-1 1/8	
REVISIONS							DATE: 7-7-77	CHECK: [Signature]	C O 2385B		

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 98D-8-10-22E in an easterly direction through the SW/4 of Section 8 connecting to Line F26-2" in the SW/4 of Section 8, all in 10S-22E. The line will be approximately 450' long, as shown on the attached sketches.

Pipe will be 2³/₈" O.D. x .125" W.T., Grade X42 EW. It will be butt-welded in place, using portable electric welding machines, and will be laid above ground 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 the 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: 11-10-81
STARTING DATE: _____
EST. COMP. DATE: _____
 COMPANY CONTRACT

COLORADO INTERSTATE GAS COMPANY
 NORTHWEST PIPELINE CORPORATION

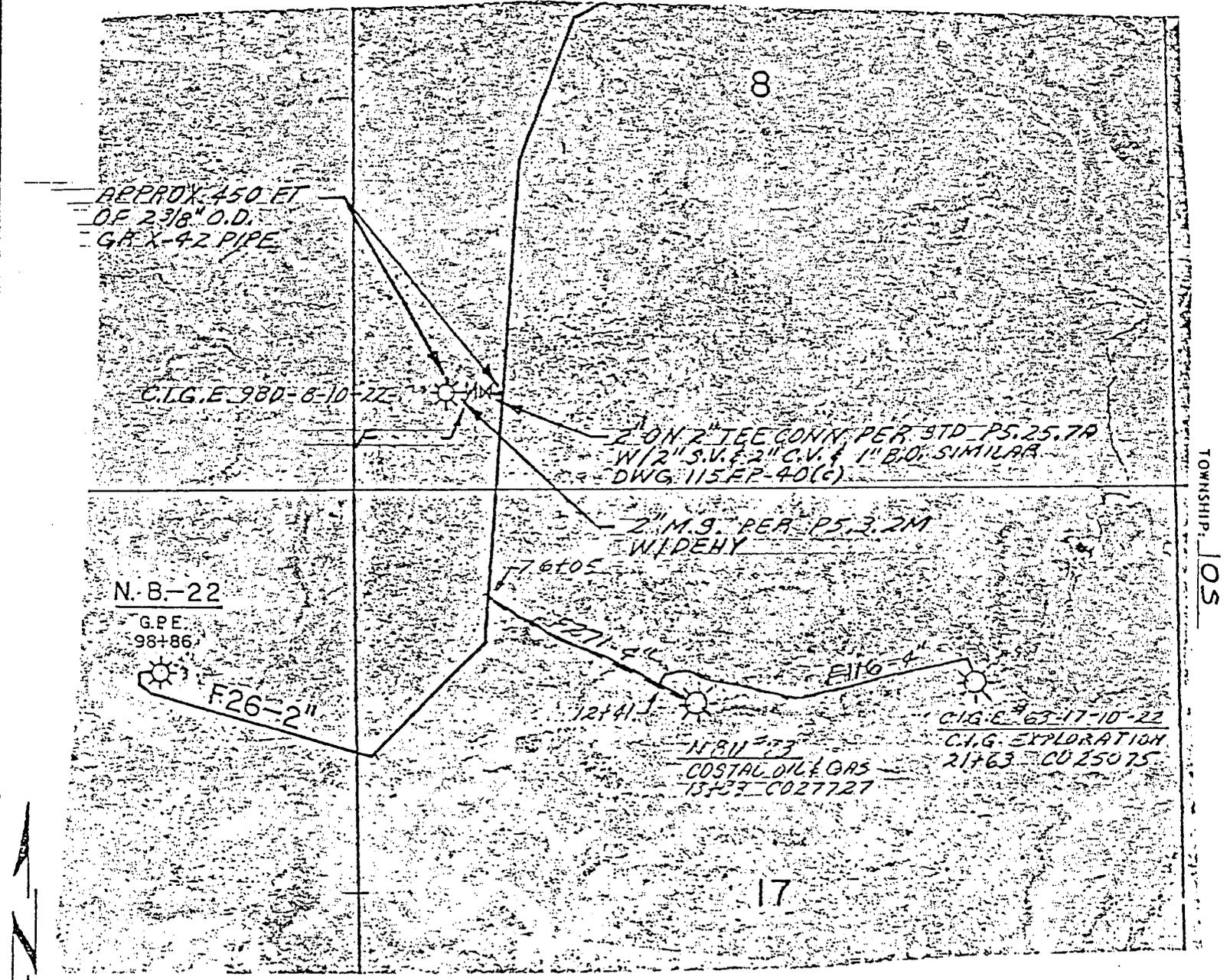
W. O. NO.: _____
REVISION NO.: _____
BUDGET NO.: _____
RELATED DWG.: 115EU-1F-1

LOCATION: SW SW SECTION 8 T10S-R22E COUNTY: UINTAH STATE: UTAH

DESCRIPTION OF WORK: CONNECT C.I.G.E. 98D-8-10-22- NATURAL BUTES FIELD

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

RANGE: 22E



TOWNSHIP: 10S

PREPARED BY: _____ SCALE (IF ANY): 1"=1000'

Freehand sketch of location of proposed installation to be constructed or retired showing relative location of existing facilities in area.

** FILE NOTATIONS **

DATE: 1-26-82
OPERATOR: Cij Exploration Inc.
WELL NO: CIGE 98D-8-10-22J
Location: Sec. 8 T. 10S R. 22E County: Wentz

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

API Number 43-047-31172

CHECKED BY:

Petroleum Engineer: _____

Director: W

Administrative Aide: Unit Well

APPROVAL LETTER:

Bond Required: Survey Plat Required:
Order No. _____ O.K. Rule C-3
Rule C-3(c), Topographic Exception - company owns or controls acreage
within a 660' radius of proposed site
Lease Designation Fed Plotted on Map
Approval Letter Written
Hot Line P.I.

January 29, 1982

CIG Exploration, Inc.
P.O. Box 749
Denver, Colorado 80201

RE: Well No. CIGE 98D-8-10-22J
Sec. 8, T. 10S, R. 22E
Uintah County, Utah

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.

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

CLEON B. FEIGHT - Director
Office: 533-5771
Home: 466-4455

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 43-047-31172.

Sincerely,

DIVISION OF OIL, GAS AND MINING



Cleon B. Feight
Director

CBF/as
Encl.
cc: USGS

13

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
 CIG Exploration, Inc.

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
 783' FSL/667' FWL (SW SW)
 At proposed prod. zone

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

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 667'

16. NO. OF ACRES IN LEASE
 160

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.
 N/A

19. PROPOSED DEPTH
 6900' (Wasatch)

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5273' Ungr. Gr.

22. APPROX. DATE WORK WILL START*
 March 15, 1982

5. LEASE DESIGNATION AND SERIAL NO.
 U-01196-A

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

7. UNIT AGREEMENT NAME
 Natural Buttes Unit

8. FARM OR LEASE NAME
 Natural Buttes Unit

9. WELL NO.
 CIGE 98D-8-10-22J

10. FIELD AND POOL, OR WILDCAT
 Natural Buttes Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Section 8-T10S-R22E

12. COUNTY OR PARISH
 Uintah

13. STATE
 Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	9-5/8"	36#	200'	125 sx
8-3/4, 7-7/8	4-1/2"	11.6#	6900'	Sufficient cmt to cover 200' above the uppermost hydrocarbon zone to protect the oil shale.

Fresh water aquifers will be protected when the long string is run and cement *NEED TO PROTECT BOTH END OF OIL* is circulated back to surface. *SHALE.*

Please see the attached supplemental information:

- (1) Survey Plat
- (2) Ten-Point Program
- (3) BOP Schematic
- (4) Thirteen-Point Surface Use Program
- (5) Proposed Gas Well Production Hookup
 - a. Typical Wellhead Installation
 - b. Typical Connection to Main Lines & Pipe Anchor Detail
 - c. Proposed Flowline Right-of-Way

RECEIVED
 APR 01 1982

DIVISION OF
 OIL, GAS & MINING

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

24. SIGNED H. E. Aab TITLE District Drilling Manager DATE January 18, 1982

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY WJ Mouton FOR E. W. GUYNN
 CONDITIONS OF APPROVAL, IF ANY: TITLE DISTRICT OIL & GAS SUPERVISOR DATE MAR 31 1982

CONDITIONS OF APPROVAL ATTACHED
 TO OPERATOR'S COPY

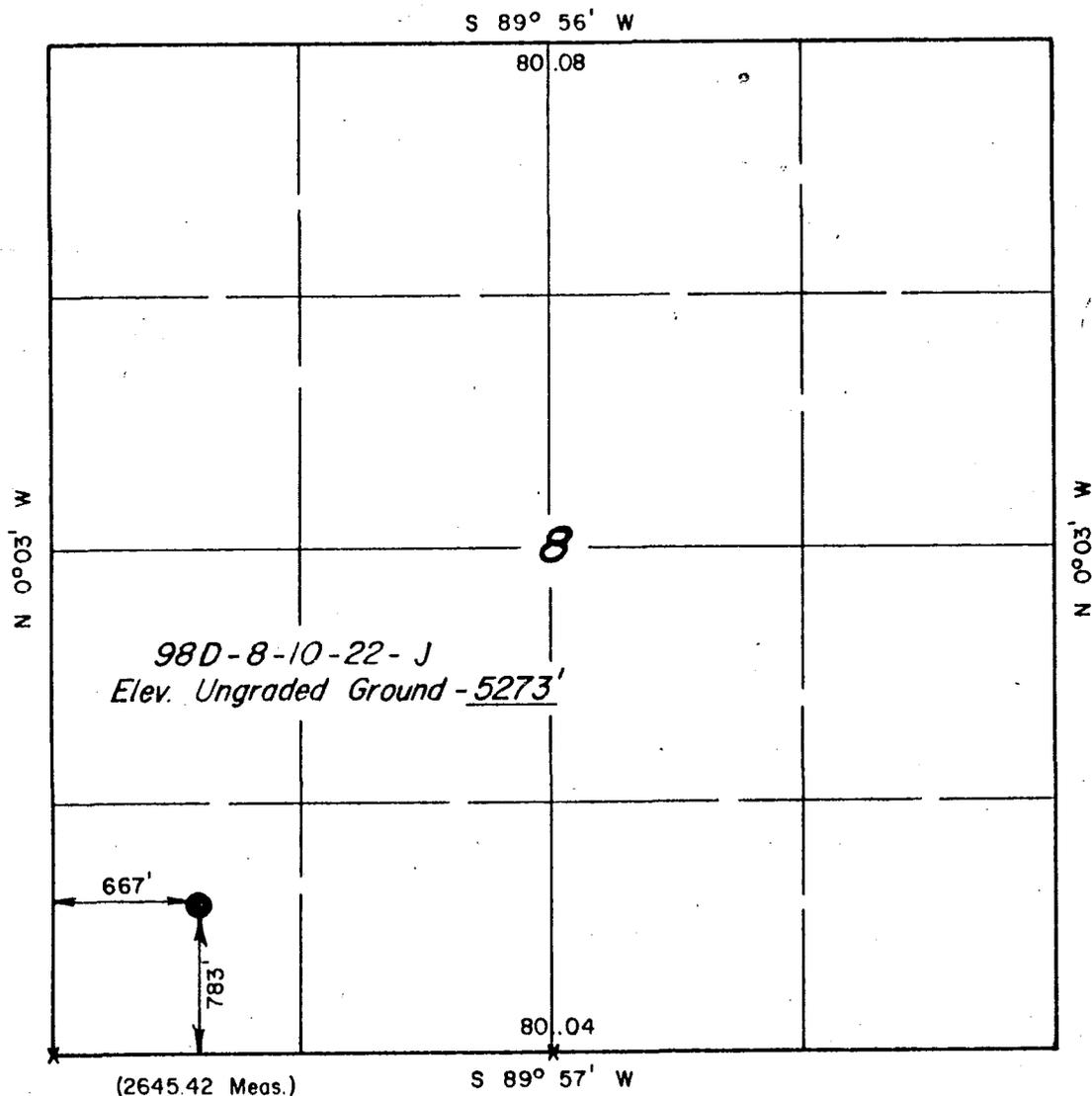
NOTICE OF APPROVAL
State O & G

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

T10 S, R22 E, S.L.B.&M.

PROJECT
C.I.G. EXPLORATION INC.

Well location, 98D-8-10-22-J,
located as shown in the SW 1/4 SW 1/4,
Section 8, T10S, R22E, S.L.B.&M.,
Uintah County, Utah.



X = Section Corner Located



CERTIFICATE

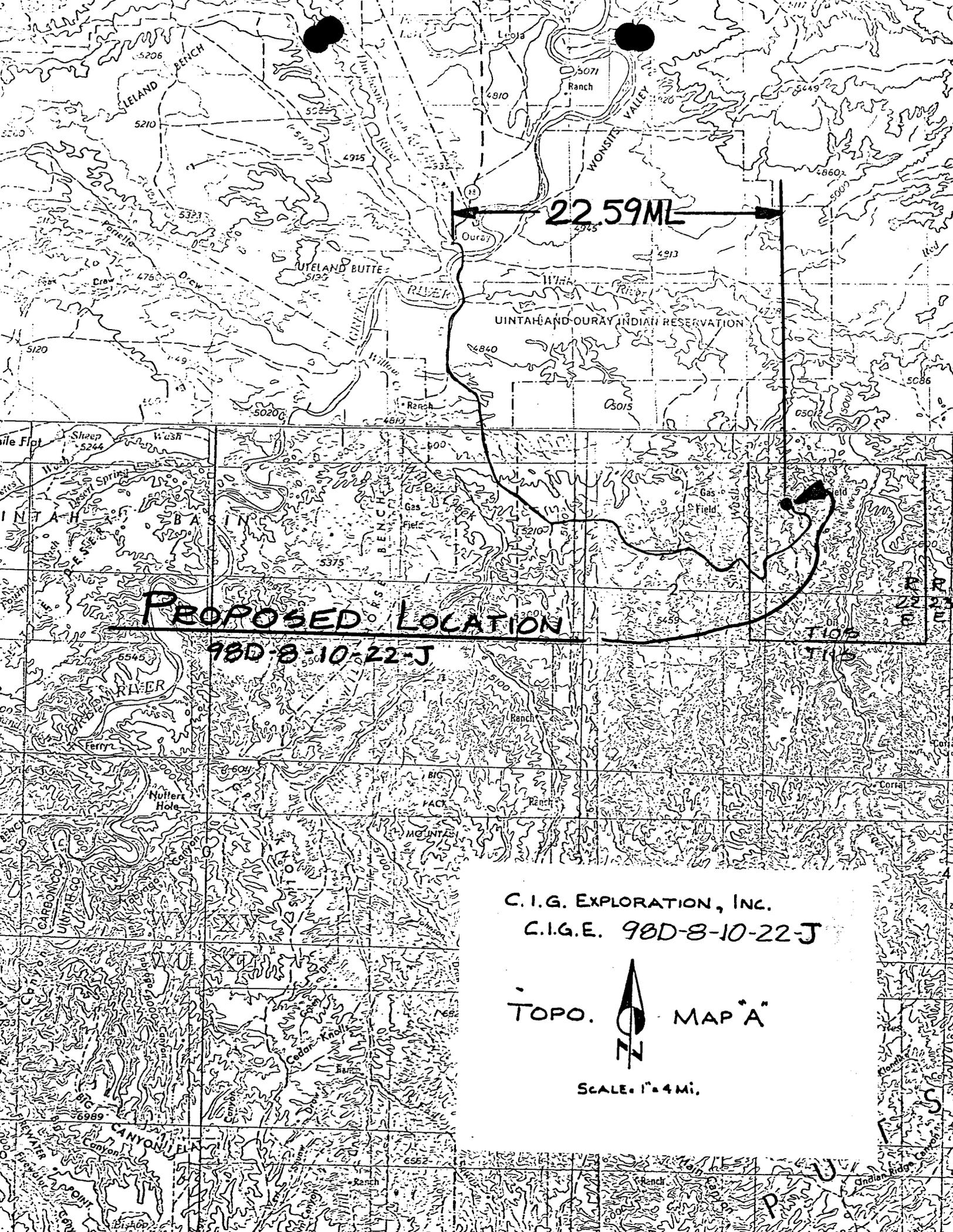
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Lawrence R. Kay

REGISTERED LAND SURVEYOR
REGISTRATION NO 3137
STATE OF UTAH

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

SCALE	1" = 1000'	DATE	12 / 17 / 81
PARTY	RK, BK	REFERENCES	GLO PLAT
WEATHER	CLEAR/COOL	FILE	C.I.G.E.



22.59 ML

PROPOSED LOCATION

98D-8-10-22-J

C. I. G. EXPLORATION, INC.

C.I.G.E. 98D-8-10-22-J

TOPO. MAP "A"



SCALE: 1" = 4 MI.

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

MINERALS MANAGEMENT
SERVICE
OIL & GAS OPERATIONS
RECEIVED
MAR 12 1982
SALT LAKE CITY, UTAH

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator CIG Exploration
Project Type Gas Well
Project Location 783' FSL 667' FWL Section 8, T.10 S., R.22 E.
Well No. 98D-8-10-22J Lease No. V-01196-A
Date Project Submitted January 20, 1982

FIELD INSPECTION

Date February 17, 1982

Field Inspection
Participants

Greg Darlington - MMS, Vernal
Cory Bodman - BLM, Vernal
Bill Kay and Pat Bohner - CIG Exploration
Brad Weber - Uintah Engineering
Floyd Murray - D. E. Casada

Related Environmental Documents: Unit Resource Analysis, Seep
Ridge Planning Unit, BLM, Vernal

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

March 10, 1982
Date Prepared

Gregory Darlington
Environmental Scientist

I concur
MAR 12 1982
Date

W.P. Mantel
District Supervisor
FOR E. W. GUYNN
DISTRICT OIL & GAS SUPERVISOR

Proposed Actions:

CIG Exploration plans to drill the CIG E 98D-8-10-22J well, a 6900' gas test of the Wasatch Formation. A new access road of .75 miles is planned to reach this location from existing roads. A pad 195' by 400' and a reserve pit 105' by 200' are indicated for the location. About 450' of 2" surface flowline will be needed to connect anticipated production with existing facilities.

Recommended Approval Conditions:

The operator agrees to accept and adhere to the following conditions in addition to the plans outlined in the APD:

1. BLM stipulations
2. Lease stipulations
3. Provide adequate logs for the identification of other minerals as requested in the Mineral Evaluation Report and Mining Report.

FIELD NOTES SHEET

Date of Field Inspection: February 17, 1982

Well No.: C16E 98D-8-10-22J

Lease No.: V-D1196-A

Approve Location: as indicated

Approve Access Road: as indicated

Modify Location or Access Road: _____

Place topsoil near corner 8 (between 7 and 8).
This will be a difficult access road at least for the last
1000' stretch of it.

Evaluation of Criteria for Categorical Exclusion

1. Public Health and Safety
2. Unique Characteristics
3. Environmentally Controversial Items
4. Uncertain and Unknown Risks
5. Establishes Precedents
6. Cumulatively Significant
7. National Register Historic Places
8. Endangered/Threatened Species
9. Violate Federal, State, Local, or Tribal Laws

If this project is not eligible for Categorical Exclusion circle the numbers of the above criteria requiring the preparation of an EA.

Comments and special conditions of approval discussed at onsite: (include local topography) access road follows a steep sidehill into the

pad. The pad is situated between 2 small drainages
and one of them will be rerouted to allow pad construction.

Also we had to walk the last 1/4 mile in to get to this
location.

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 6 DM 2.3.A	Federal/State Agency			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
Public health and safety							1, 2, 4, 6	2-17-1982	
Unique charac- teristics							1, 2, 4, 6		
Environmentally controversial							1, 2, 4, 6		
Uncertain and unknown risks							1, 2, 4, 6		
Establishes precedents							1, 2, 4, 6		
Cumulatively significant							1, 2, 4, 6		
National Register historic places							1, 6		
Endangered/ threatened species							1, 6		
Violate Federal, State, local, tribal law							1, 2, 4, 6	▼	

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

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



East View
CIGE 98D-8-10-22



United States Department of the Interior

IN REPLY REFER TO

T & R
U-802

BUREAU OF LAND MANAGEMENT
VERNAL DISTRICT OFFICE
170 South 500 East
Vernal, Utah 84078

February 19, 1982

Ed Guynn, District Engineer
USGS, Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

Re: CIG Exploration
Well #89D-34-9-22, Sec. 34,
T9S, R22E
#92D-13-10-20, Sec. 13,
T10S, R20E
#93D-3-10-21, Sec. 3,
T10S, R21E
#94D-7-10-21, Sec. 7,
T10S, R21E
#95D-14-10-21, Sec. 14,
T10S, R21E
#96D-20-10-21 Sec. 20,
T10S, R21E
(Access on BLM, Pad on
State land)
#97D-8-10-22, Sec. 8,
T10S, R22E
#98D-8-10-22, Sec. 8,
T10S, R22E

Dear Sir:

A joint field examination was made on February 17, 1982, of the above referenced well site locations and proposed access roads. We feel that the surface use and operating plans are adequate with the following revisions and stipulations:

1. Construction and maintenance of roads, rehabilitation of disturbed areas and construction of pipeline routes, shall be in accordance with surface use standards as set forth in the brochure, "Surface Operating Standards for Oil and Gas Exploration."
2. Traveling off access road right-of-ways will not be allowed. The maximum width of access pads (both existing and planned) will be 30 feet total disturbed area. Roads will be crowned and properly maintained. Turn-outs will not be required.
3. The BLM will be notified at least 24 hours prior to any construction.

4. Burn pits will not be constructed. There will be no burning or burying of trash or garbage at the well sites. Refuse must be contained in trash cages and hauled to an approved disposal site.
5. A wire mesh or net type of fence, topped with at least one strand of barbed wire, will be used around the reserve pits.
6. For all locations 50 feet addition was added to the length of the pad between the drill hole and reference corner #3.
7. No topsoil will be stockpiled at the following locations due to the lack of same. Well #93D and #89D. Upon abandonment the pad will be reshaped and ripped to a depth of between 6 to 10 inches.
8. At well #92D the top 4 inches of topsoil will be stockpiled as addressed in the applicant's APD.
9. At well #94D the top 4 inches of topsoil will be stockpiled near reference corner #2.
10. At wells #95D and #97D the top 4 inches of topsoil will be stockpiled between reference corner #1 and #2.
11. At well #98D the top 4 inches of topsoil will be stockpiled between reference corners #7 and #8.
12. The BLM will be contacted prior to abandonment for seeding requirements.
13. The BLM will be notified at least 24 hours prior to any abandonment field work.

The surface pipeline flowline routes were approved with the following stipulations:

1. No installation will be allowed unless this office is notified at least 24 hours prior to the start of construction.
2. 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 be crossed. Construction of drainage crossing is the only type of surface disturbance authorized.
3. Pipeline construction shall not block, or change the natural flow of any drainage.
4. The production facilities shall be painted so that they blend in with the surrounding environment.

An archaeological clearance has been conducted by A.E.R.C., of the proposed drill site and proposed access road. No cultural materials were located on the surface of the surveyed areas.

The proposed activities do not jeopardize listed, threatened, or endangered flora/fauna or their habitats.

The BLM representative will be Cory Bodman, 789-1362.

Sincerely,



Cory Bodman
Acting Area Manager
Bookcliffs Resource Area

cc: USGS, Vernal

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE
U-01196-A

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

7. UNIT AGREEMENT NAME
Natural Buttes Unit

8. FARM OR LEASE NAME
Natural Buttes Unit

9. WELL NO.
CIGE 98D-8-10-22J

10. FIELD OR WILDCAT NAME
Natural Buttes Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 8-T10S-R22E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.
43-047-31172

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5273 Ungr. Gr.

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 Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
CIG Exploration, Inc.

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 783' FSL/667' FWL (SW SW)
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <u>Change Casing Program</u> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

It is proposed to change casing program FROM:

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	9-5/8"	36#	200'	125 ssx
7-7/8"	4 1/2"	11.6#	6900'	Circulate cmt to surface to properly isolate the hydrocarbon-bearing zones, the oil shale & shallow groundwater.
TO:				
12 1/2"	9-5/8"	36#	200'	125 ssx
7-7/8"	5 1/2"	17#	6900'	Circulate cmt to surface to properly isolate the hydrocarbon-bearing zones, the oil shale & shallow groundwater.

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

DATE: 8/4/82
BY: [Signature]

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED [Signature] TITLE Dist. Drlg. Mgr. DATE July 27, 1982
H. E. Aab

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:



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

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

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

November 10, 1982

Cig Exploration, Inc.
P. O. Box 749
Denver, Colorado 80201

Re: Well No. CIGE #96D-20-10-21J
Sec. 20, T. 20S, R. 21E.
Uintah County, Utah

Well No. CIGE #97D-8-10-22J
Sec. 8, T. 10S, R. 22E.
Uintah County, Utah

Well No. CIGE #98D-8-10-22J
Sec. 8, T. 10S, R. 22E.
Uintah County, Utah

Gentlemen:

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

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

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse

Cari Furse
Clerk Typist

CF/cf



Coastal Oil & Gas Corporation

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

November 15, 1982

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

ATTN: Cari Furse
Clerk Typist

Dear Ms. Furse:

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

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

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

Sincerely,

L. W. Thying
District Drilling Engineer

LWT/snc
Attachment

cc: Betty Nelson
File

RECEIVED
NOV 17 1982

DIVISION OF
OIL, GAS & MINING

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

April 4, 1983

CIG Exploration, Inc.
P. O. Box 749
Denver, Colorado 80201

Re: Rescind Applications for Permit
to Drill
Well No. CIGE 97D-8-10-22J
Well No. CIGE 98D-8-10-22J
Section 8, T. 10 S., R. 22 E.
Lease U-01196-A and U-01196-E
Uintah County, Utah
Natural Buttes Unit

Gentlemen:

The Applications for Permit to Drill the referenced wells were approved March 29 and 31, 1982 respectively. Since that date no known activity has transpired at the approved locations. Under 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 approvals of the referenced applications without prejudice. If you intend to drill at these locations at a future date, new applications for permit to drill must be submitted.

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

Sincerely,

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

 E. W. Guynn
District Oil and Gas Supervisor

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

WPM/kr



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

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

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

April 7, 1983

CIG Exploration, Inc.
P. O. Box 749
Denver, Colorado 80201

RE: Rescind Applications for
Permit To Drill
Well No. CIGE 97D-8-10-22J
Well No. CIGE 98D-8-10-22J
Sec. 8, T.10S, R.22E
Uintah County, Utah

Gentlemen:

Approval of Applications for Permit to Drill the above referenced wells are rescinded without prejudice as of the above date in concert with action taken by Oil and Gas Operations.

If you intend to drill these location at a future date, new applications for permit to drill may be submitted for State approval.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Norman C. Stout'.

Norman C. Stout
Administrative Assistant

NS/as



Coastal Oil & Gas Corporation

Cari Furse
November 15, 1982

WELL NAME & LOCATION

STATUS

CIGE #96D-20-10-21J
Section 20, T10S, R21E
Uintah County, Utah

Present intention is to allow
permit to expire to original
expiration date. (January, 1983)

CIGE #97D-8-10-22J
Section 8, T10S, R22E
Uintah County, Utah

Same as above.

CIGE #98D-8-10-22J
Section 8, T10S, R22E
Uintah County, Utah

Same as above.

Well No. Natural Duck #4-15 GR
Section 15, T9S, R20E
Uintah County, Utah

COGC will not drill.
Please cancel permit.

Natural Buttes #41
Section 31, T10S, R21E
Uintah County, Utah

Same as above.

Natural Buttes #51
Section 30, T10S, R21E
Uintah County, Utah

Same as above.

Natural Buttes #77
Section 29, T9S, R21E
Uintah County, Utah

COGC plans to drill
sometime in 1983.

Natural Buttes #78
Section 30, T9S, R21E
Uintah County, Utah

Presently waiting on
Right-of-Way approval
from BIA.