

UTAH OIL AND GAS CONSERVATION COMMISSION

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

* Location Abandoned - Application rescinded - 4-7-83

DATE FILED 1-14-82

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

DRILLING APPROVED: 1-19-82

SPUDED 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" 3/96

UNIT:

COUNTY: UINTAH

WELL NO. CIGE #97D-8-10-22J API NO. 43-047-31168

LOCATION 663 FT. FROM (S) LINE. 754 FT. FROM (E) LINE. SE SE 1/4 - 1/4 SEC. 8

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

16

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
663' FSL/ 754' FEL (SE SE)
At proposed prod. zone
Same

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

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 754'

16. NO. OF ACRES IN LEASE 580

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 6800' (Wasatch)

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5196' Ungr. Gr.

22. APPROX. DATE WORK WILL START*
March 1, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	9-5/8"	36#	200'	125 sx
8-3/4, 7-7/8	4-1/2"	11.6#	6800'	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 up and cement is circulated back to surface.

Please see 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

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

24. SIGNED [Signature] TITLE District Drilling Manager DATE January 4, 1982

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY [Signature] FOR E. W. GUYNN
CONDITIONS OF APPROVAL, IF ANY: TITLE DISTRICT OIL & GAS SUPERVISOR DATE MAR 29 1982

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

NOTICE OF APPROVAL

*See Instructions On Reverse Side

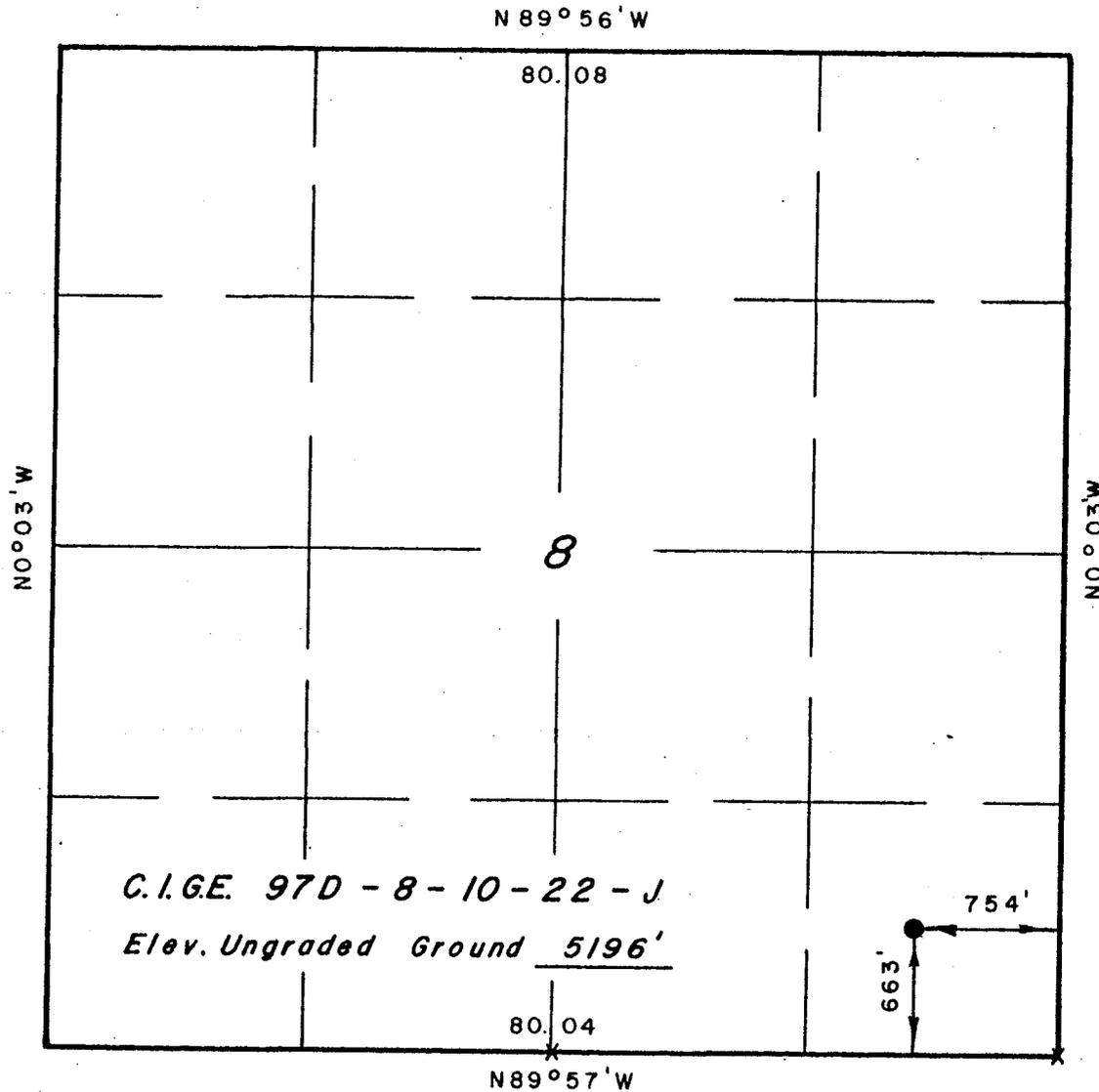
FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

State Oil & Gas

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

PROJECT
C.I.G. EXPLORATION INC.

Well location, C.I.G.E. 97D-8-10-22-J, located as shown in the SE 1/4 SE 1/4 Section 8, T10S, R22E, S.L.B.&M. Uintah County, Utah.



CERTIFICATE

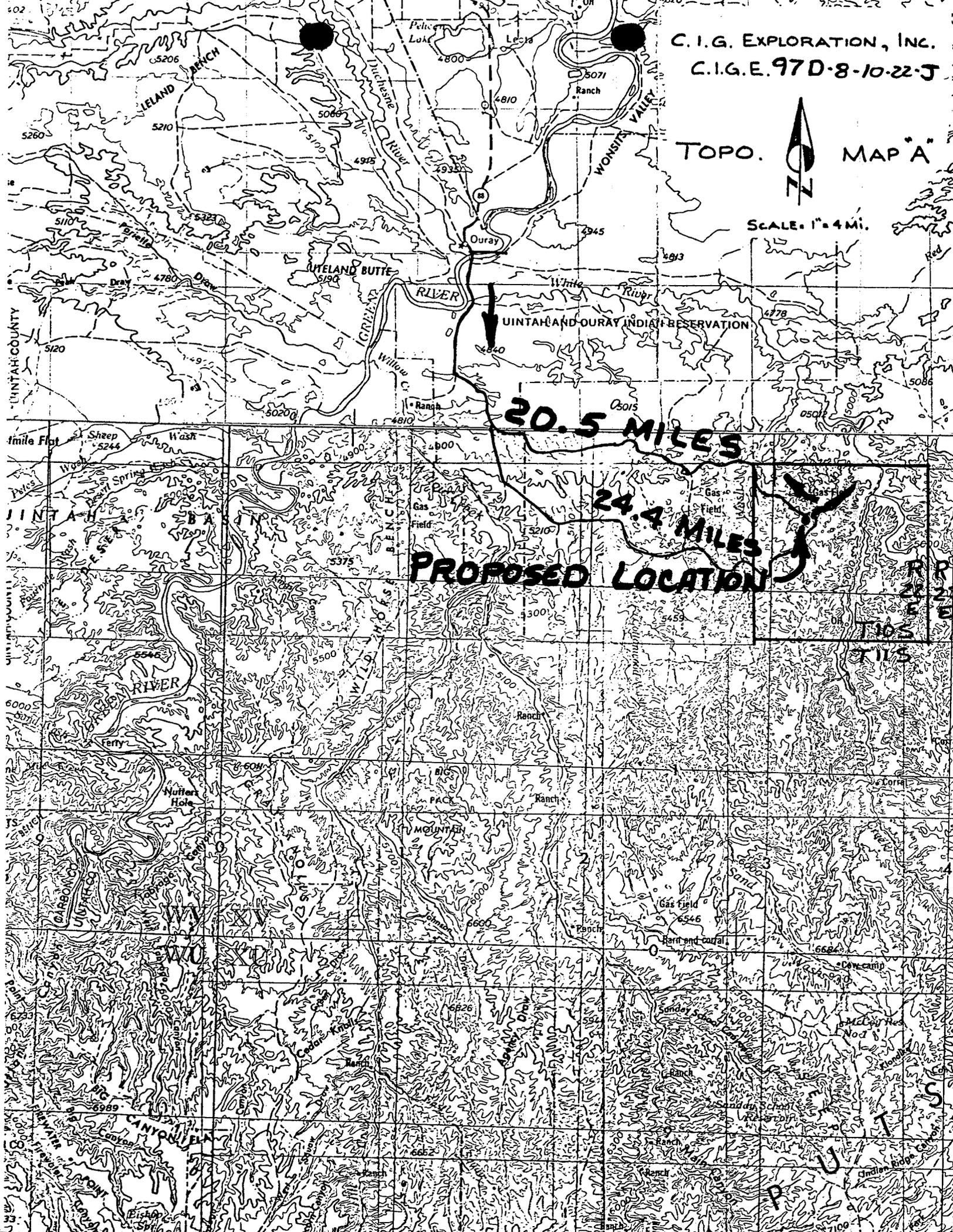
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Lawrence P. Kay
REGISTERED LAND SURVEYOR
REGISTRATION NO 3137
STATE OF UTAH

X = Section Corners Located

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

SCALE 1" = 1000'	DATE 12 / 8 / 81
PARTY R.K. B.K. S.B.	REFERENCES GLO Plat
WEATHER Fair	FILE C.I.G.E.



C. I. G. EXPLORATION, INC.
C. I. G. E. 97D-8-10-22-J

TOPO. MAP "A"
N
SCALE: 1" = 4 MI.

20.5 MILES
24.4 MILES
PROPOSED LOCATION



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

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator CIG Exploration
Project Type Gas Well
Project Location 663' FSL, 754' FEL Section 8, T.10 S., R.22 E.
Well No. CIGE 97D-8-10-22J Lease No. U-01196-E
Date Project Submitted January 11, 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 - Vintah 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 1, 1982

Date Prepared

Gregory Darlington

Environmental Scientist

I concur

MAR 02 1982

Date

W.P. Mouton

District Supervisor

FOR E. W. GUYNN
DISTRICT OIL & GAS SUPERVISOR

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 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	2-17-82	
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.*



Northeast View
CIGE 97D-8-10-22



United States Department of the Interior

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

IN REPLY REFER TO

T. & R.
710-802

SALT LAKE CITY, UTAH

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.

- LAKESIDE CITY, UTAH
Jan 2 1992
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 stockpiles 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.

Jan 2007
SALT LAKE CITY, UTAH

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

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
 663' FSL/ 754' FEL (SE SE)
 At proposed prod. zone
 Same

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

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 97D-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 13. STATE
 Uintah Utah

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

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 754'

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21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5196' Ungr. Gr.

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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#	6800'	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 and cement is circulated back to surface.

Please see attached supplemental information:

- (1) Survey Plat
- (2) Ten-Point Program
- (3) BOP Schematic
- (4) Thirteen-Point Surface Use Program
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 - a. Typical Wellhead Installation
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24. SIGNED P. E. Aab TITLE District Drilling Manager DATE January 4, 1982

(This space for Federal or State office use)

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

APPROVED BY _____ TITLE _____

DATE: 1/18/82

BY: CB Flight



1. Geologic name of surface formation:

UINTA

2. The estimated tops of important geologic markers:

GREEN RIVER: 1205' (+3990')

WASATCH: 4315' (+880')

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

WASATCH - 4315' 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:

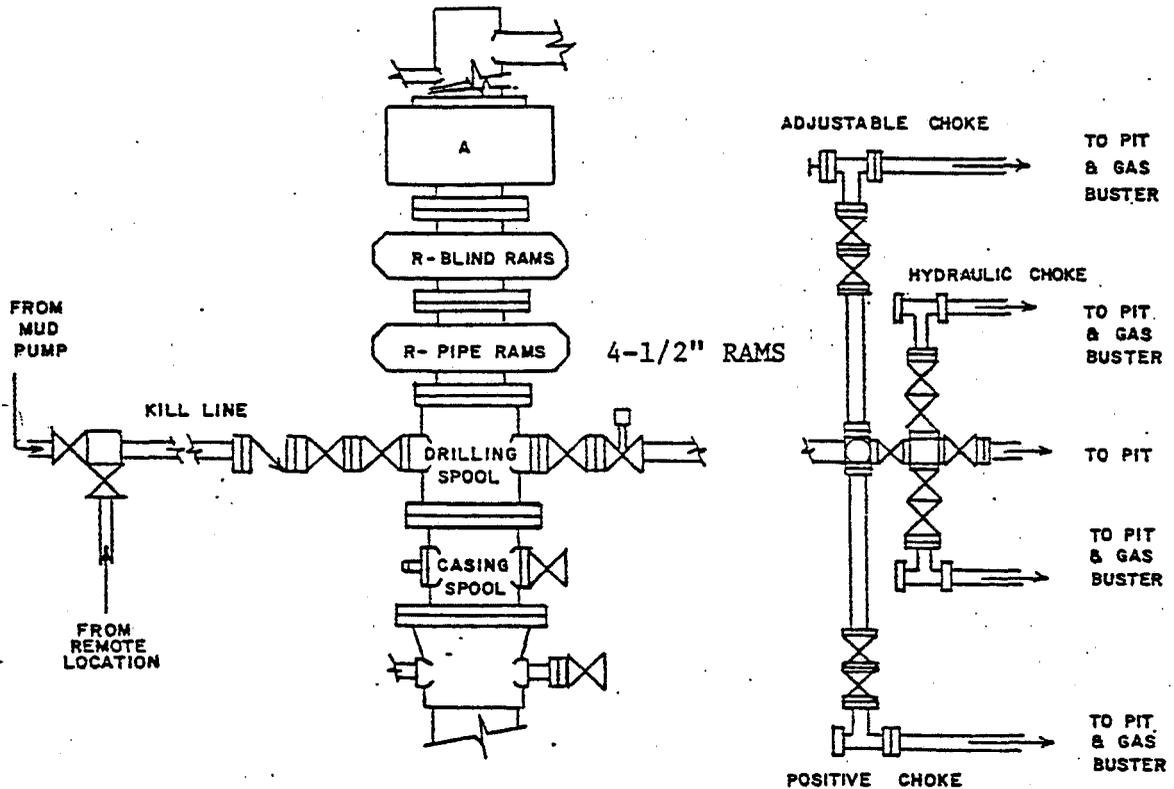
No abnormal pressures or temperatures expected
No hydrogen sulfide expected

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

March 1, 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. 97D-8-10-22-J

Located In

Section 8, T10S, R22E, S.L.B.& M.

Uintah County, Utah

C.I.G. EXPLORATION INCORPORATED
C.I.G.E. 97D-8-10-22-3
Section 8, T10S, R22E, S.L.B. & M.

1. EXISTING ROADS

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

To reach C.I.G. EXPLORATION INCORPORATED, well location site C.I.G.E. 97D-8-10-22-P2 located in the SE 1/4 SE 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 the 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 11.4 miles to its junction with the Bitter Creek 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 3.6 miles to its junction with the proposed access road (to be discussed in Item #2).

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

The county road known as the Seep Ridge Road is surfaced with native asphalt for + 4 miles and is then a gravel surface road. The above described county road is maintained by county road crews and will require no further maintenance. The dirt gas field roads described above are dirt surfaced road 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 grader 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.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed access road leaves the existing road described in Item #1 in the NE 1/4 SE 1/4 Section 8, T10S, R22E, S.L.B. & M., and proceeds in a Southerly direction 0.2 miles 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 an 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 this area.

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

The road will be centerline flagged prior to the commencement of construction. 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 & Gas Surface Operation Manual.

It is anticipated that there will be one 18" culvert required along this road as it crosses one drainage of consequence. This culvert will be placed according to the specifications found in the Oil & Gas Surface Operations Manual.

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

3. EXISTING WELLS

There are approximately 7 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 and one existing water well.

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 EXISTING AND PROPOSED FACILITIES

At the present time there are existing facilities belonging to C.I.G. EXPLORATION INCORPORATED within a one-mile radius of this location site.

In the event that production is established at this location the production will be contained within the location site until a gas line can be run from this location to existing lines in the area. The exact location of this line is not known at this time. Detailed plans for this line will be submitted to the appropriate agencies before construction begins, showing the approximate final location of the facilities.

All areas used to contain these production facilities will be built out of the native materials accumulated during their construction. These facilities will be constructed using graders, bulldozers, and workman crews to construct and place the proposed facilities.

The proposed gas flow line will be an 18' right-of-way.

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

5. LOCATION AND TYPE OF WATER SUPPLY

Water to be used for the drilling and production of this well will be hauled by truck from the U.T. #1 at a point Section 17, T10S, R22E, S.L.B. & M. 1500' South of this location. If possible it maybe pumped to the location through temporary water lines.

In the event the above source cannot be improvised other arrangements will be made and all concerned agencies will be 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 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.

The reserve pit will be 8' deep and at least half of the depth of the 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.

If deemed necessary by the 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.L.M. Representative 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 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. OTHER INFORMATION

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

The area is a large basin formed by the Uinta Mountains to the North and the Book Cliff Mountains to the South. The White River is located approximately 9 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 (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. 97D-8-10-22-P2 is located on a relatively flat area approximately 2 miles West of the Bitter Creek a non-perennial drainage which drains to the North into the White River and Green Rivers.

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 South through the site to the North at approximately a 2.0% grade into a small drainage which drains to the East into Bitter Creek.

The location is covered with some sagebrush and grasses.

The total surface ownership affected by this location is administered by the Utah State.

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.

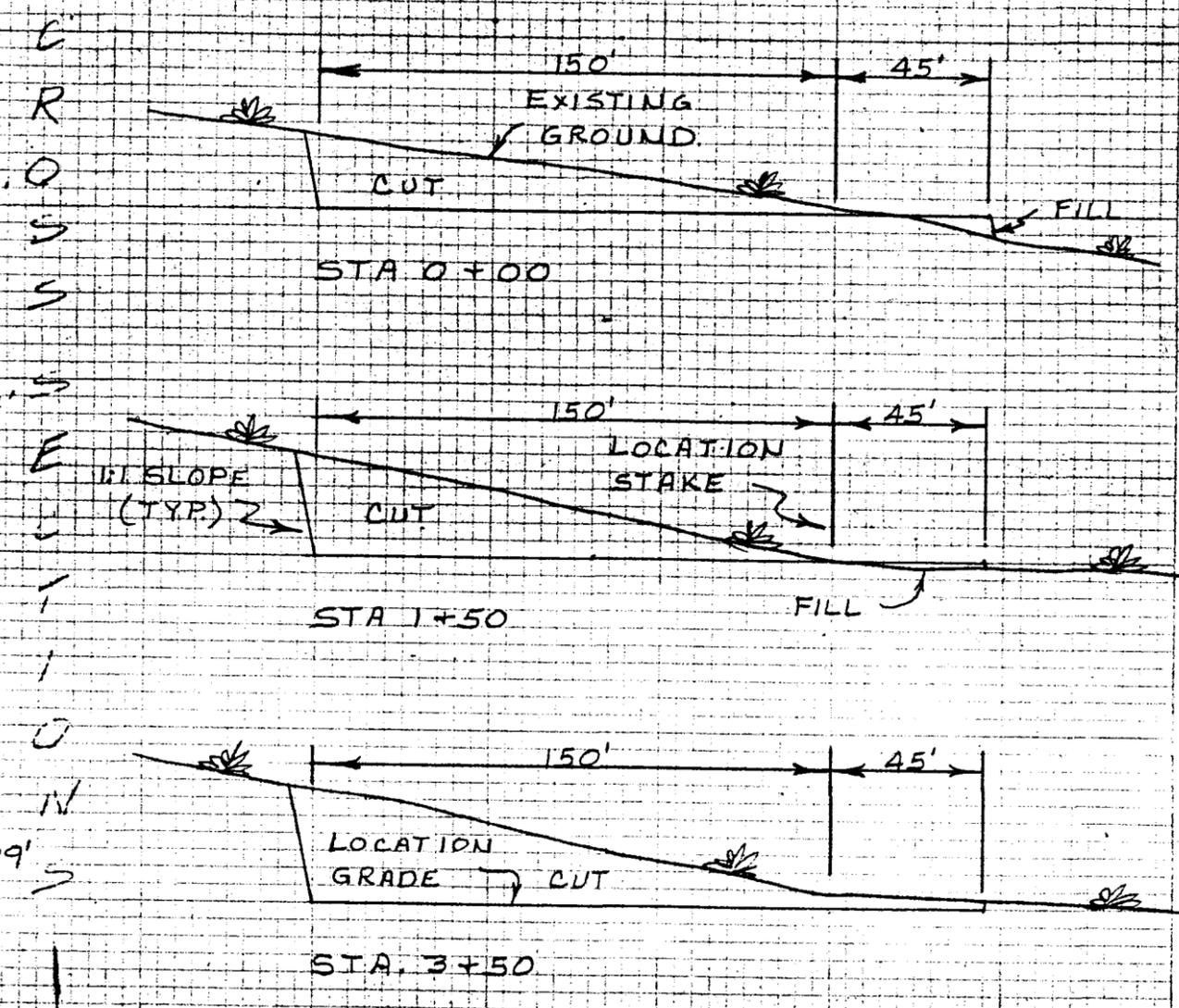
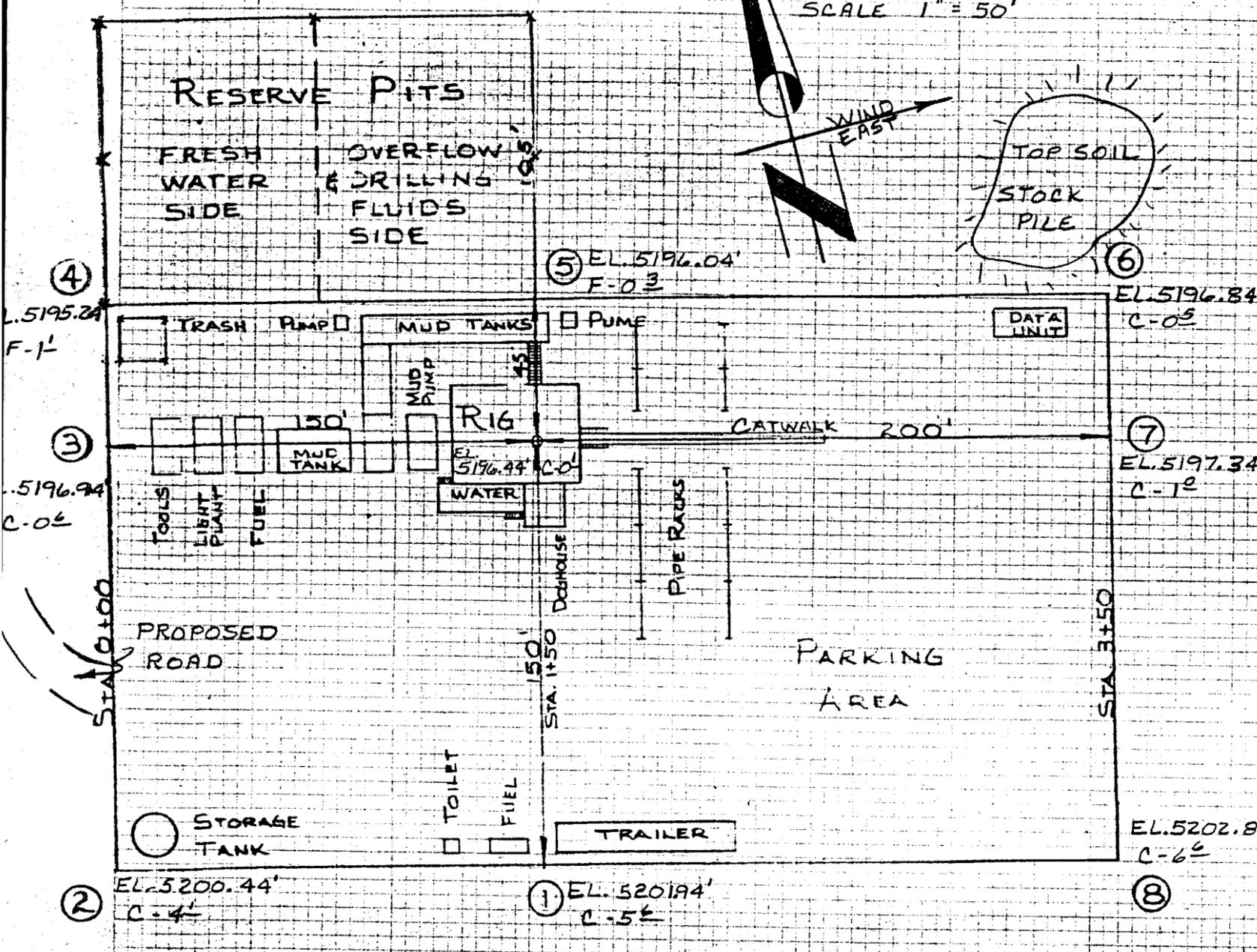
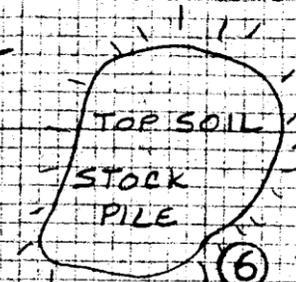
..... January 4, 1982

Date

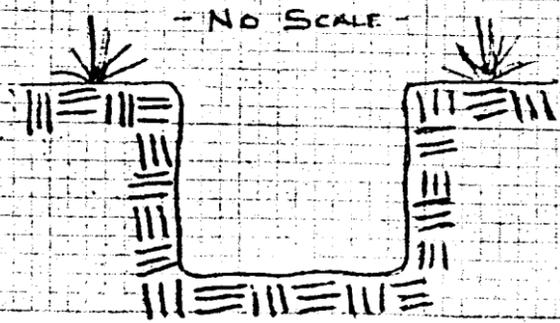


H. E. Aab
District Drilling Manager

SCALE 1" = 50'



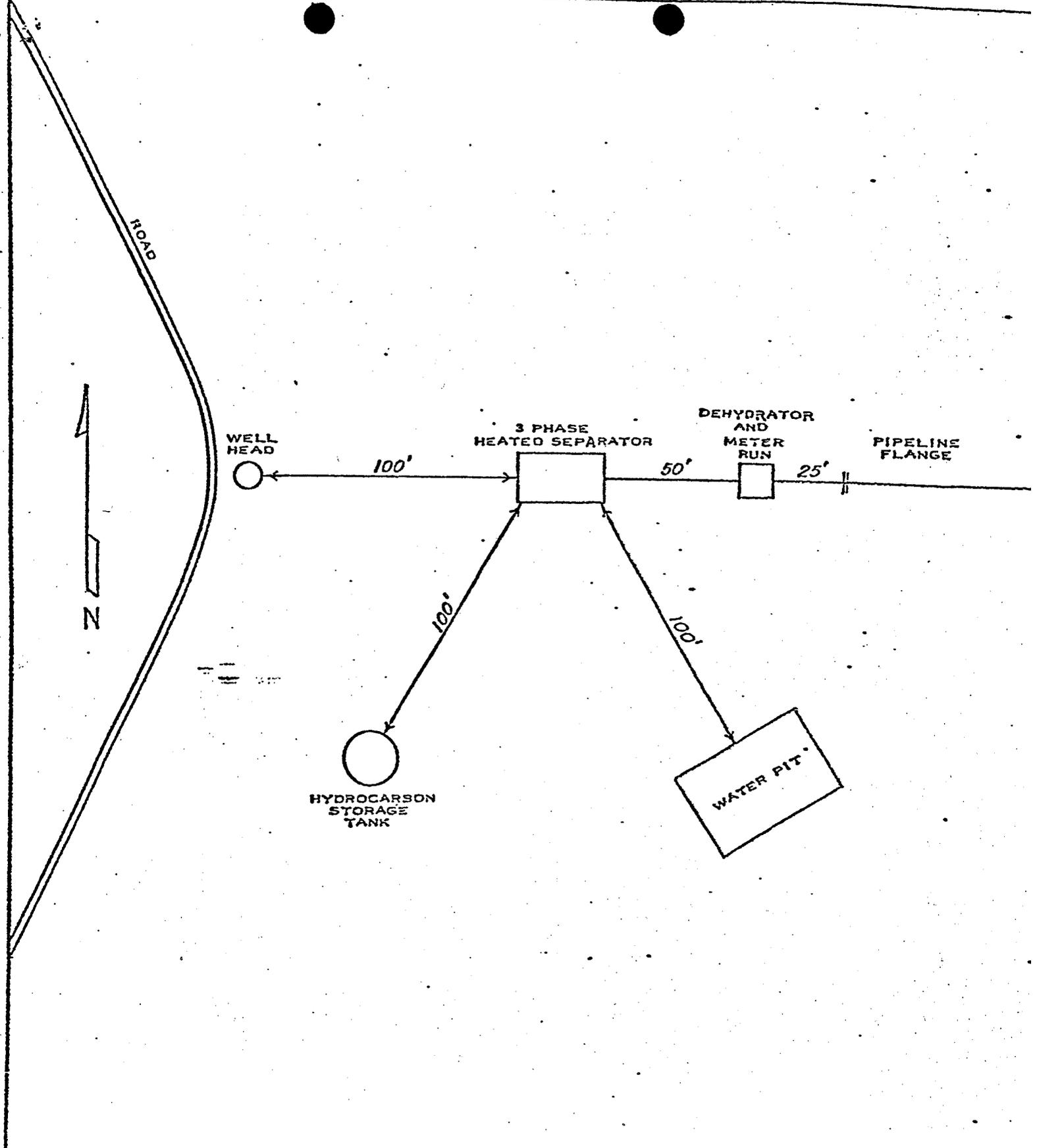
SOILS LITHOLOGY
- NO SCALE -



LIGHT BROWN SANDY CLAY

SCALES
1" = 50'

APPROX. YARDAGES
CUT - 6,225 CU. YDS.
FILL - 76 CU. YDS.



COLORADO INTERSTATE GAS EXPLORATION
DENVER, COLORADO

CIGE. 97D-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' ±

O. O. Y. S. Y.

EXIST. PIPELINE

ALTERNATE ANCHOR - BURY PIPELINE MIN. OF 18"

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

C.I.G. OTHER

INSUL.

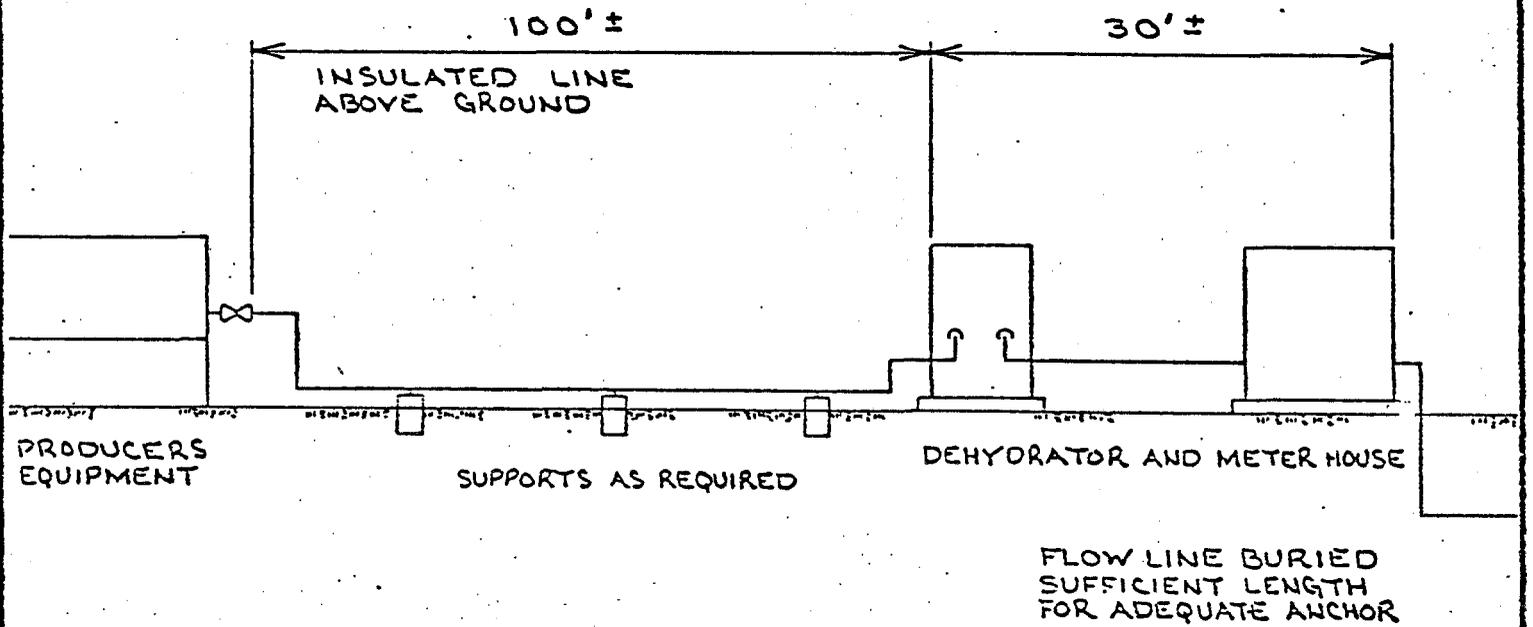
TYP. FOR CONN. TO M.F.S.

1	2385B	REVISE STARTING POINT	8-22-77	RWP	

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: <i>[Signature]</i>	115FP-1 1/8	
REVISIONS							DATE: 7-7-77	CHECK: <i>[Signature]</i>	C O 2385B		



Colorado Interstate Gas Co.
 COLORADO SPRINGS, COLORADO

TYPICAL WELL HEAD INSTALLATION
 NATURAL BUTTES FIELD

UINTAH COUNTY, UTAH

NO.	C. O. NO.	DESCRIPTION	DATE	BY	CHK.	APPR.	SCALE: NONE	DRAWN: RWP	APP:	115FP-2 1/8
REVISIONS							DATE: 7-18-77	CHECK:	CO 23858	

ESTIMATE SKETCH

DATE: 11-12-81
 STARTING DATE: _____
 EST. COMP. DATE: _____
 COMPANY CONTRACT

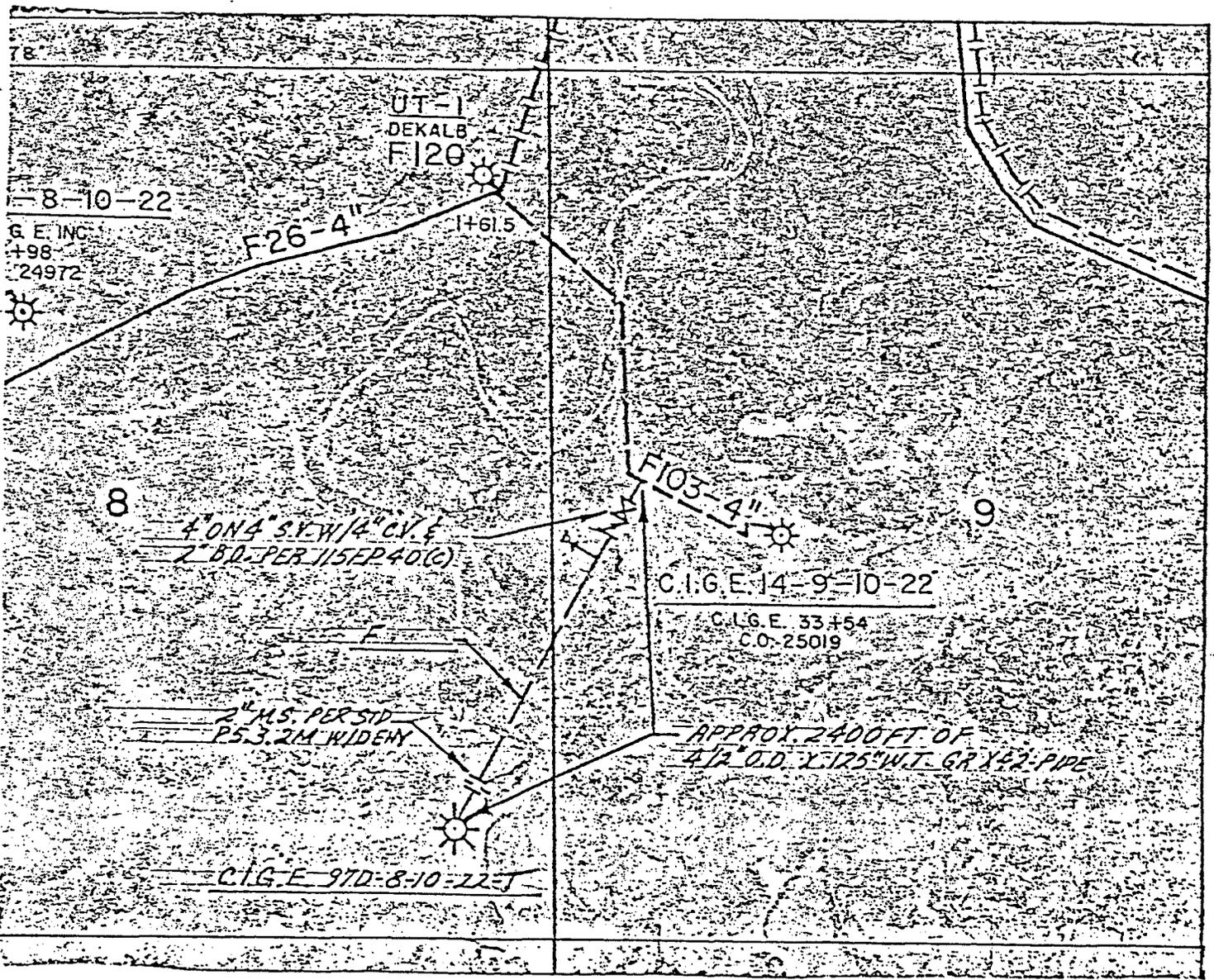
COLORADO INTERSTATE GAS COMPANY
 NORTHWEST PIPELINE CORPORATION

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

LOCATION: SE SE SECTION 8 T10S-R22E COUNTY: UINTAH STATE: UTAH
 DESCRIPTION OF WORK: CONNECT C.I.G.E. 97D-8-10-22-T NATURAL BUTTES FIELD

REQUESTED BY: _____ APPROXIMATE MILEAGE: _____ PROJECT ENGINEER: J.F.K.

RANGE: 22E



PREPARED BY: _____

SCALE (IF ANY): 1" = 1000'

Freehand sketch of location of proposed installation to be coordinated with _____

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 97D-8-10-22J in a northeasterly direction through the W/2 of Section 0 and the SE/4 of Section 9, connecting to Line F103-4" in the W/2 of Section 9, all in 10S-22E. The line will be approximately 2400' long, as shown on the attached sketches.

Pipe will be 4½" O.D. x .25" W.T., Grade X42 EW. It will be but-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 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.

** FILE NOTATIONS **

DATE: 1-14-82

OPERATOR: Cig. Exploration Inc.

WELL NO: CIGE 97D-8-10-22J

Location: Sec. 8 T. 10S R. 22E County: Wintell

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-047-31168

CHECKED BY:

Petroleum Engineer: _____

Director: Unit well 7

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 Ad.

Plotted on Map

Approval Letter Written

Hot Line

P.I.

January 19, 1982

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

RE: Well No. CIGE 97D-8-10-B2J
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 43-047-31168.

Sincerely,

DIVISION OF OIL, GAS AND MINING



Cleon B. Feight
Director

CBF/as
Encl.
cc: USGS

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

5. LEASE DESIGNATION AND SERIAL NO.

U-01196-E

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

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

7. UNIT AGREEMENT NAME

Natural Buttes Unit

2. NAME OF OPERATOR
CIG Exploration, Inc.

8. FARM OR LEASE NAME

Natural Buttes Unit

3. ADDRESS OF OPERATOR

9. WELL NO.

CIGE 97D-8-10-22J

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface

10. FIELD AND POOL, OR WILDCAT

Natural Buttes Field

11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA

Section 8-T10S-R22E

14. PERMIT NO.
43-047-31168

15. ELEVATIONS (Show whether DT, KT, OR, etc.)
5196' Ungr. Gr.

12. COUNTY OR PARISH 13. STATE
Uintah Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF FULL OR ALTER CASING
FRACTURE TREAT MULTIPLE COMPLETE
SHOOT OR ACIDIZE ABANDON*
REPAIR WELL CHANGE PLANS
(Other) Change Casing Program

SUBSEQUENT REPORT OF:

WATER SHUT-OFF REPAIRING WELL
FRACTURE TREATMENT ALTERING CASING
SHOOTING OR ACIDIZING ABANDONMENT*
(Other)
(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.) * It is proposed to change casing program FROM:

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"			6800'	Circulate cmt to surface to properly isolate the hydrocarbon bearing zones, the oil shale & shallow ground water.

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

DATE: 7/8/82 TO: BY: [Signature]

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#	6800'	Circulate cmt to surface to properly isolate the hydrocarbon bearing zones, the oil shale & shallow ground water.

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

SIGNED H. E. Aab

TITLE District Drilling Manager

DATE June 29, 1982

(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.

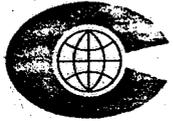
Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse
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. Thyng
District Drilling Engineer

LWT/snc
Attachment

cc: Betty Nelson
File

RECEIVED
NOV 17 1982

DIVISION OF
OIL, GAS & MINING



Coastal Oil & Gas Corporation

Cari Furse
November 15, 1982

WELL NAME & LOCATION

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

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

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

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

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

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

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

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

STATUS

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

Same as above.

Same as above.

COGC will not drill.
Please cancel permit.

Same as above.

Same as above.

COGC plans to drill
sometime in 1983.

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

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 BLI
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,

Norman C. Stout
Administrative Assistant

NS/as

expire
9-5-87

FILING FOR WATER IN THE STATE OF UTAH

031022

#20961

Rec. by GA
Fee Paid \$ 15.00
Platted _____
Microfilmed _____
Roll # _____

APPLICATION TO APPROPRIATE WATER

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.

WATER USER CLAIM NO. 49 - 1398

APPLICATION NO. T61982

1. PRIORITY OF RIGHT: August 14, 1986

FILING DATE: August 14, 1986

2. OWNER INFORMATION

Name: Target Trucking Inc. and Coastal Oil & Gas
Address: 2960 North 500 East, Vernal, UT 84078
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 Unita Basin

POINT(S) OF DIVERSION:

COUNTY: Uintah

- (1) S. 200 feet, from the N $\frac{1}{2}$ Corner of Section 28, Township 9 S, Range 22 E, SLB&M
Description of Diverting Works: pumped into tank trucks
- (2) S. 2640 feet, from the N $\frac{1}{2}$ Corner of Section 2, Township 10 S, Range 22 E, SLB&M
Description of Diverting Works: pumped into tank trucks

COMMON DESCRIPTION: 17 Miles SE Ouray

5. NATURE AND PERIOD OF USE

Oil Recovery: From August 14 to August 14.

6. PURPOSE AND EXTENT OF USE

Oil Recovery: Oil well drilling and completion 43-047-30899-1A
Drilling and completion of NBU 60th in Sec. 26, T9S, R21E, SLB&M; CIGE 96 43-047-31167 1A
In Sec. 32, T9S, R22E, SLB&M, CIGE 97th in Sec. 31, T9S, R22E, SLB&M 43-047-31168 1A
CIGE 98th, Sec. 25, T9S, R21E, SLB&M, CIGE 100th, Sec. 2, T10S, R21E, SLB&M 105 27E 8
43-047-31727 - SEW 43-047-31225-1A

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 25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
✓9	S	21 E 26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
✓9	S	22 E 31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9	S	22 E 32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
✓10	S	21 E 2	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