

UTAH DIVISION OF OIL, GAS AND MINING

REMARKS: WELL LOG _____ ELECTRIC LOGS _____ FILE WATER SANDS _____ LOCATION INSPECTED _____ SUB. REPORT/ABD _____

DATE FILED 10-8-80

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. U-04967C INDIAN

DRILLING APPROVED: 1-26-81

SPUDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED:

FIELD: Wildcat 3/86

UNIT:

COUNTY: Grand

WELL NO. Federal #34-31

API NO: 43-019-30769

LOCATION 644' FT. FROM ~~W~~ (S) LINE. 2556' FT. FROM (E) ~~W~~ LINE. SW SE 1/4 - 1/4 SEC. 31

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
15 1/2 S	25 E	31	NATURAL GAS CORPORATION OF CALIF.				

**NATURAL GAS CORPORATION
OF CALIFORNIA**

85 South 200 East
Vernal, Utah 84078

October 8, 1980

Mr. E. W. Guynn (3)
GEOLOGICAL SURVEY-CONSERVATION DIV.
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, UT 84104

Mr. Frank M. Hamner (1)
DIVISION OF OIL, GAS & MINING
1588 West North Temple
Salt Lake City, UT 84116

Re: Proposed PTS #34-31 Federal
Section 31, T15½S, R25E
Grand County, UT
San Arroyo

Gentlemen:

Enclosed are the following documents relating to drilling the above captioned well:

- 1) Application for Permit to Drill
- 2) Surveyor's Plat
- 3) Drilling Procedure
- 4) BOP and Pressure Control Specifications
- 5) Location Layout Map and 13 Point Surface Use Plan
- 6) Topographic Maps

Your early consideration and approval of this application would be appreciated. Should you require any additional information, please contact this office.

Yours truly,

Wm Ryan

William A. Ryan
Petroleum Engineer

/kh
Encls.

cc: J. C. Bendler
E. R. Henry
C. T. Clark (Cover Letter Only)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

15

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
 Natural Gas Corporation of California

3. ADDRESS OF OPERATOR
 85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface
 644' FSL, 2556' FEL, SW-SE Sec. 31, T15½S, R25E
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately 21 miles NW of Mack, Colorado

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

16. NO. OF ACRES IN LEASE
 1434.32

17. NO. OF ACRES ASSIGNED TO THIS WELL
 320

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

19. PROPOSED DEPTH
 7687' GL

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 8431' GL

22. APPROX. DATE WORK WILL START*
 Upon receipt of approval

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# K55 New	250	250 sacks
8-3/4	7	23# K55 New	4270	160 sacks
6-1/8	4-1/2	11.6# N80 New	TD	As required

Operator proposes to drill well to 7687' to test the Morrison formation. All water flows and significant hydrocarbon shows will be evaluated and reported. Drilling operations will be conducted according to the attached program and all applicable regulations. Adequate BOP equipment will be installed and maintained as indicated in the attached pressure control specifications. Casing will be run as outlined above and cemented sufficiently to protect all potentially productive intervals. No abnormal pressures, temperatures or other hazards are anticipated.

APPROVED BY THE DIVISION
 OF OIL, GAS, AND MINING

DATE: 1-26-81

BY: M. J. Minder

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 W. A. Ryan TITLE Petroleum Engineer DATE October 8, 1980

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

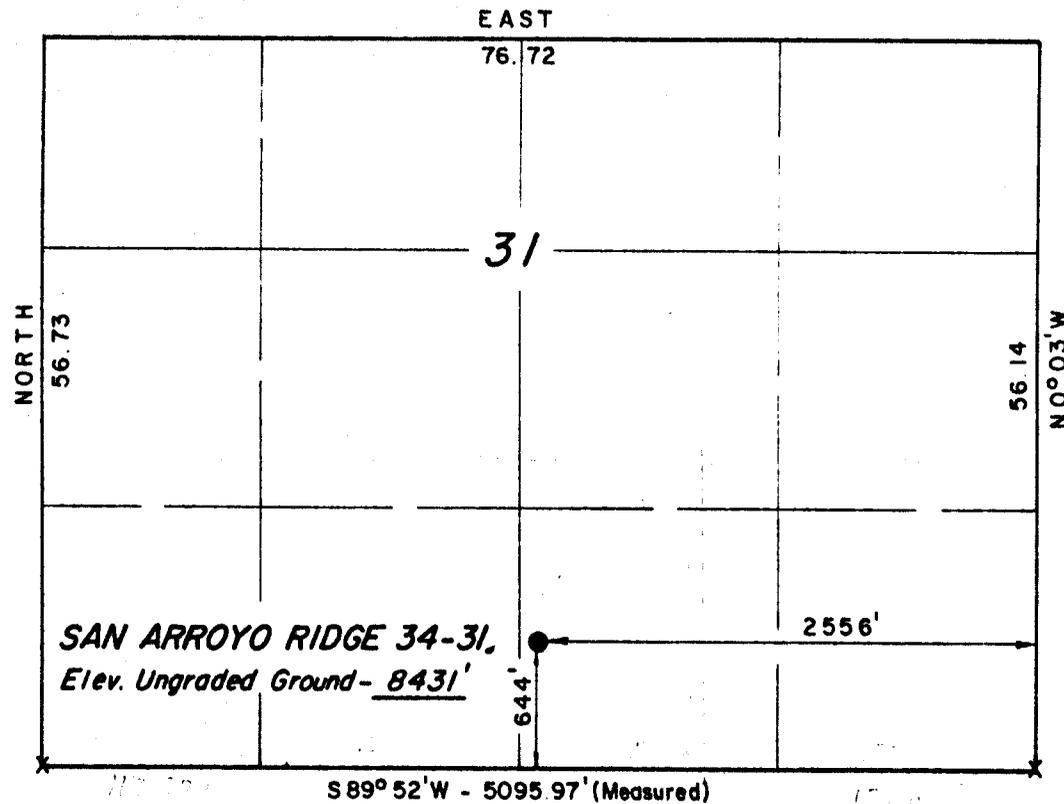
APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:
 cc: USGS, UT; UT Div. OG&M; J. C. Bendler; E. R. Henry

PROJECT
**NATURAL GAS CORPORATION
 OF CALIFORNIA**

Well location, *SAN ARROYO RIDGE*
34 - 31, located as shown in the SW1/4
 SE 1/4 Section 31, T151/2S, R25E, S.L.B. & M.
 Grand County, Utah.

T 15 1/2 S, R 25 E, S. L. B. & M.



X = Section Corners Located



CERTIFICATE

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

Lawrence C. Lee
 REGISTERED LAND SURVEYOR
 REGISTRATION NO 3137
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING			
P. O. BOX Q - 110 EAST - FIRST SOUTH			
VERNAL, UTAH - 84078			
SCALE	1" = 1000'	DATE	9/24/80
PARTY	RK BK DB RP	REFERENCES	GLO Plat
WEATHER	Clear / Cool	FILE	NATURAL GAS CORP

Natural Gas Corporation of California
 San Arroyo #34-31 Federal
 10 Point Drilling Procedure

1. Surface formation is Green River.

2. Estimated Formation Tops:	<u>Elevation</u>	<u>Datum</u>
Tertiary	Surface	+8444 KB
Mesaverde	1471'	+6973
Castlegate	3628'	+4816
Mancos	3730'	+4714
Mancos B	4383'	+4061
Dakota Silt	7249'	+1195
Morrison	7475'	+ 956
TD	7700'	+ 744

3. Estimated zones with gas, oil and/or water.

Mancos B
 Dakota

4. Casing Program:

Surface: 9-5/8" @ 250', K-55, STC, 36.0#, New
 Intermediate: 7" @ 4270', K-55, STC, 23.0#, New
 Production: 4-1/2" @ 7687', N-80, LTC, 11.6#, New

5. Pressure Control Equipment: See attached diagram. BOP's and choke manifold will be installed and pressure tested before drilling out under surface casing and will be checked daily as to mechanical operating conditions.

6. Mud program will be fresh water base drilling mud below surface casing to intermediate casing depth. Gel and lime should be used if needed in the event additional viscosity is required for hole cleaning. Conventional types of lost circulation materials should handle minor losses. However, if losses are severe, cement plugs should be utilized to regain circulation.

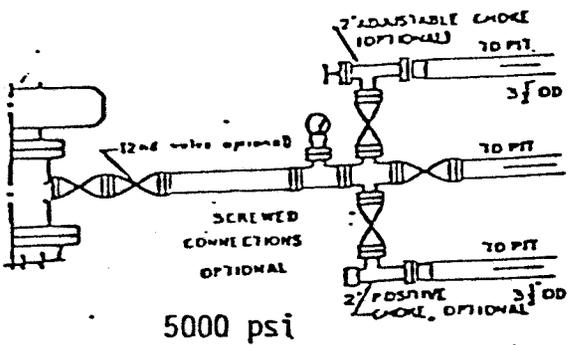
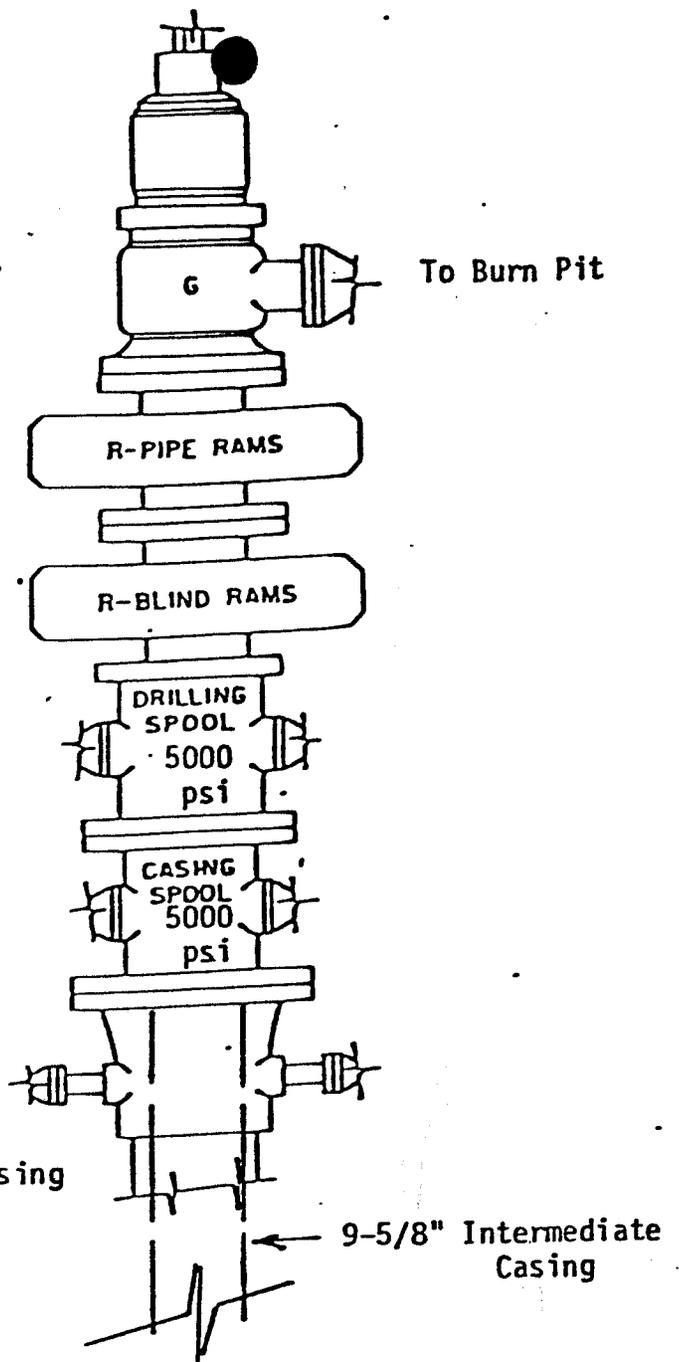
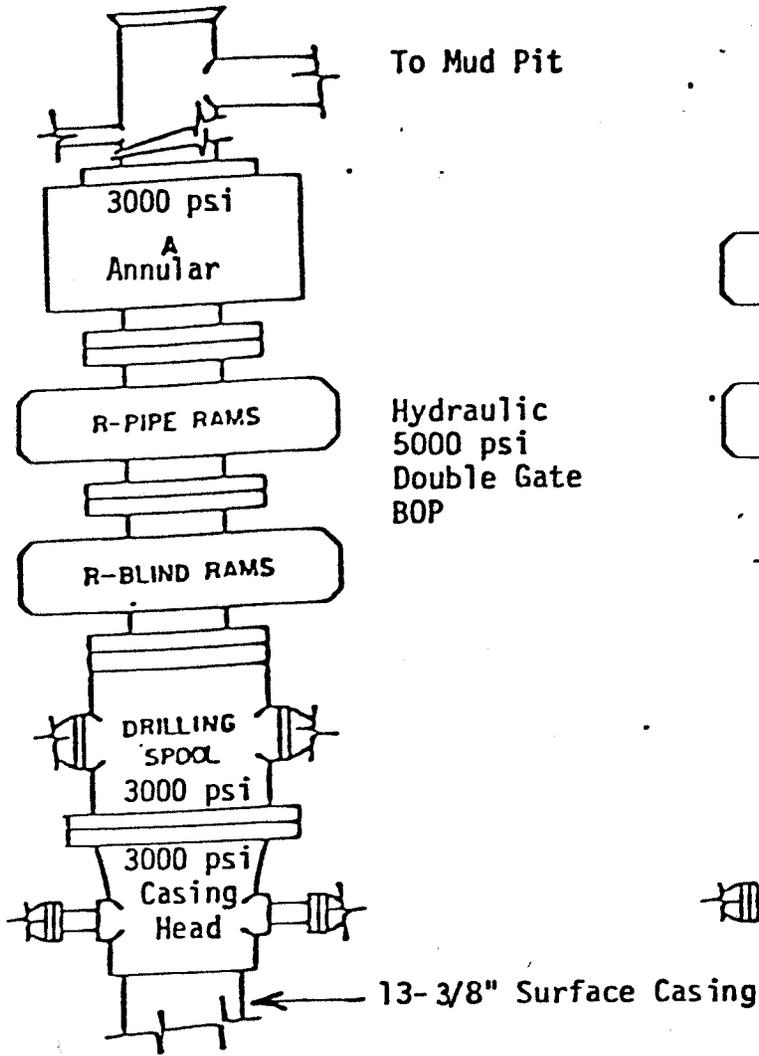
<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>
0-250	8.3 - 8.4	27 - 29
250-4283	8.4 - 8.8	27 - 29
4283-TD	Air or air mist	

7. Auxiliary equipment will include (1) Kelly cock, (2) drill pipe float (air drilling), (3) monitoring of mud system will be visual, (4) a sub on the floor with a full opening valve to be stabbed into drill pipe when kelly is not in the string and (5) rotating drilling head (air drilling).

8. No coring or drill stem testing has been scheduled for this well, however, frequent flow testing while air drilling through potential formations will be conducted. Logging will include DIL-GR, BHC-Sonic-Gamma Ray and FDC/CNL from 4700' to base surface casing and DIL-SFL, SNP-Gamma Ray, FDC-Gamma Ray and Dipmeter (selective intervals) from TD to base of intermediate casing. A temperature log may be run if the well is flowing gas. Stimulation will be determined at time of completion. A Sundry Notice will be submitted prior to commencing operations.
9. No abnormal pressures or temperatures, hydrogen sulfide, or other hazards are anticipated. However, a mud logger or wellsite geologist will be on location at all times to monitor drilling progress.
10. Anticipated starting date upon receipt of approval. Duration of drilling operations is expected to be about 20 days.

10/8/80

PRESSURE CONTROL SPECIFICATIONS



CBOKE-MANIFOLD DESIGN

TEST SCHEDULE

12" BOP System & Choke Manifold to 2500 psi.
 13-3/8" and 9-5/8" casing to rated pressure
 prior to drilling shoe.

Auxiliary Equipment

Lower kelly cock, full opening stabbing
 valve, drillpipe float above bit, rotating
 drilling head and other accessory air
 drilling equipment.

NATURAL GAS CORP. OF CALIFORNIA

13 Point Surface Use Plan

for

Well Location

San Arroyo Ridge 34-31

Located In

Section 31, T15 $\frac{1}{2}$ S, R25E, S.L.B. & M.

Grand County, Utah

NATURAL GAS CORP. OF CALIFORNIA
San Arroyo Ridge 34-31
Section 31, T15½S. R25E. S.L.B.& M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach Natural Gas Corp., well location San Arroyo Ridge 34-31, located in the SW¼ SE¼ Section 31, T15½S, R25E, S.L.B.& M., Grand County, Utah, proceed West from Vernal, Utah along U.S. Highway 40 - 14 miles to the junction of this highway and Utah State Highway 88 that exists to the South. Proceed South along Utah State Highway 88 - 17.8 miles to Ouray, Utah. Proceed South from Ouray along the Uintah County Road (of which the first 12 miles is paved and the rest an improved dirt road), 53 miles to P.R. Springs; proceed Easterly along a improved dirt road that is called the McCook Ridge road 5.8 miles to the junction of this road and an existing jeep trail to the North; proceed Northerly along the jeep trail 0.1 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 road to Ouray, Utah at which point the road is surfaced with native asphalt for approximately 12 miles, and then is improved dirt.

There will be some construction on the above described roads. The above described jeep trail will require up-grading. These roads will meet the necessary standards required to facilitate an orderly flow of traffic during the drilling phase, completion phase, and the production phase of this well at such time that production is established.

The highways mentioned above are under Utah State jurisdiction and are maintained by State Road Crews. The County road is constructed of native asphalt (partially) and is maintained by County Road crews.

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 planned access road leaves the existing road described in Item #1 in the NW¼ NE¼ Section 6, T16S, R25E, S.L.B.& M. and proceeds in a Northerly direction approximately 0.2 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 be met:

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

2. PLANNED ACCESS ROAD - cont...

Back slopes along the cut areas of the road will be 1½ to 1 slopes and terraced.

There will be no culverts required along this road.

If deemed necessary by the local governmental agencies or their representatives, turnouts will be installed for safety purposes every 0.25 miles or on the top of ridges that will provide the greatest sight distance. These turnouts will be 200' in length and 10' in width and will be tapered from the shoulder of the road for a distance of 50' in length at both the access and the outlet end.

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

Most lands involved in this action are under B.L.M. jurisdiction.

The terrain that is traversed by this road is relatively flat. It is sparsely vegetated with sagebrush and grasses.

3. LOCATION OF EXISTING WELLS

There are no known water wells, producing wells, abandoned wells, disposal wells, drilling wells, shut in wells, injection, monitoring or observation wells, for other resources 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 no existing batteries, production facilities, gas gathering lines, injection or disposal lines within a one-mile radius of this location site belonging to Natural Gas Corporation of California.

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

This 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 total area that is needed for the production of this well will be fenced and cattleguards will be utilized for access to these facilities if deemed necessary by the controlling agencies involved.

In the event that the production of natural gas is established then the necessary arrangement for a gas flow line will be made.

The rehabilitation of the disturbed area that is not required for the production of this well, will meet the requirements of Items #7 and #10 and these requirements and standards will be adhered to.

5. LOCATION AND TYPE OF WATER SUPPLY

See Topographic Map "B".

The anticipated water supply for this location is from P.R. Springs in Section 33, T15½S, R23E, S.L.B. & M. and will be hauled by truck the 10.1 miles over the roads discussed in Item #1 & #2.

If this water source is not available then the necessary arrangements will be made to acquire the water needed for the drilling and production of this well and all agencies involved will be notified of any changes.

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

All appropriate permits will be acquired and submitted to the proper authorities.

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

6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site shall be borrow materials accumulated during construction of the location site. No additional road gravels or pits 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 FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet.

The reserve pit will vary in size and depth according to the water table at the time of drilling.

One half of the reserve pit will be used as fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials 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 pits 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.

7. METHODS FOR HANDLING WASTE DISPOSAL - cont...

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 Land Fill.

A portable 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 Location Layout Sheet.

The B.L.M. Representative shall be notified before any construction begins on the proposed location site.

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 material necessary to make them 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 & 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 pit shall be buried with a minimum of 5' of cover.

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

NATURAL GAS CORP. OF CALIFORNIA
San Arroyo 34-31
Section 31, T15½S, R25E, S.L.B. & M.

10. PLANS FOR RESTORATION OF SURFACE - cont...

When restoration activities have been completed the location site and access road will 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 terrain of the general area slopes from the rim of the Book Cliff Mountains to the North to the Colorado River to the South and is a portion of the East Tavaputs Plateau.

The area is interlaced with numerous ridges and canyons formed by non-perennial streams and washes. The sides of the hills and canyons are rather steep and outcrops of sandstones, conglomerates, and shale deposits, are common in the area forming ledges and cliff along the sides of the canyons.

The visible geologic structures in the area are of the Tuscher Formation Tertiary Period and the Wasatch Formation also of the Tertiary Period.

The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during the early spring run-off and during extremely heavy rain storms of relatively long duration. This type of storm is rather uncommon as the normal annual precipitation is around 8".

The topsoil in the area ranges from a sandy-clay (SM-ML) type soil to a clayey (OL) type soil.

Due to the low precipitation average, climate condition and the types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in, and consists of juniper, and pinion pine trees, sagebrush, scrub oak, shadscale, and bitterbrush, and some grasses and cacti as the primary flora.

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

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

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

NATURAL GAS CORP. OF CALIFORNIA
San Arroyo Ridge 34-31
Section 31, T15½S, R25E, S.L.B. & M.

11. OTHER INFORMATION

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

The proposed location sits on top of a ridge above dry canyon to the West and East Canyon to the South.

The visible structure of the location is of the Tuscher formation and consists of brownish-gray sandy-clay (SP-CL) with some shale outcrops.

The ground slopes through the location to the Norhteast at approximately a 5% grade.

The location is covered with juniper and pinion pine trees, scrub oak, sagebrush, and grasses.

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

R.J. Firth
85 South 200 East
Vernal, Utah 84078

1-801-789-4573

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 the 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 the Natural Gas Corp. of California its contractors and sub-contractors in comformity with this plan and terms and conditions under which it is approved.

Date

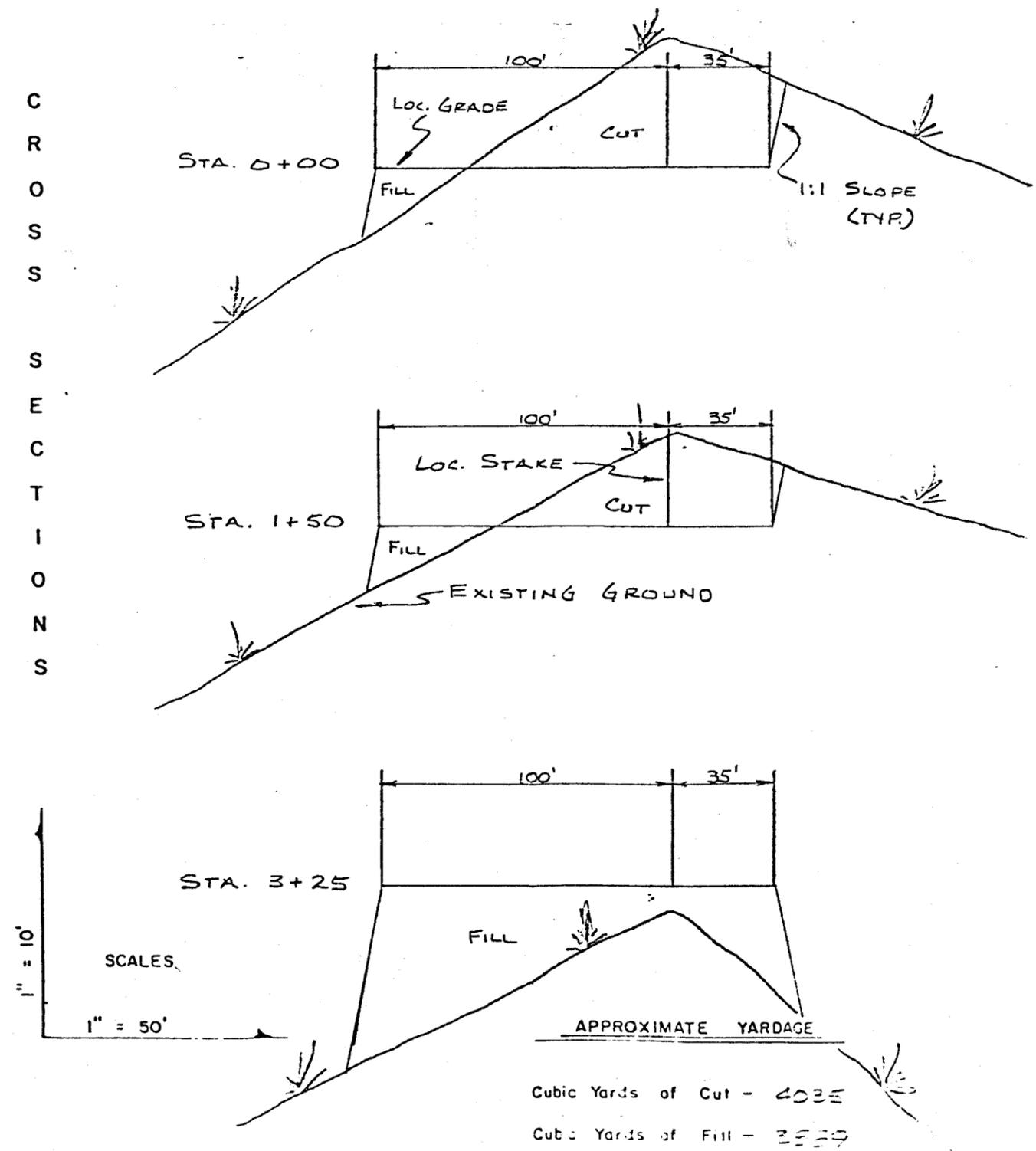
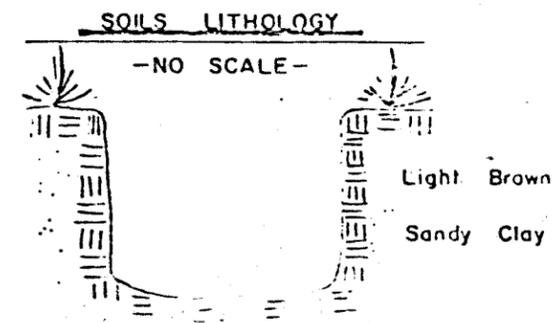
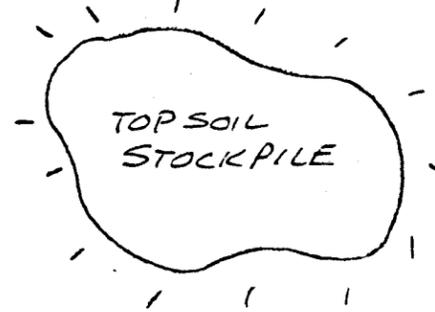
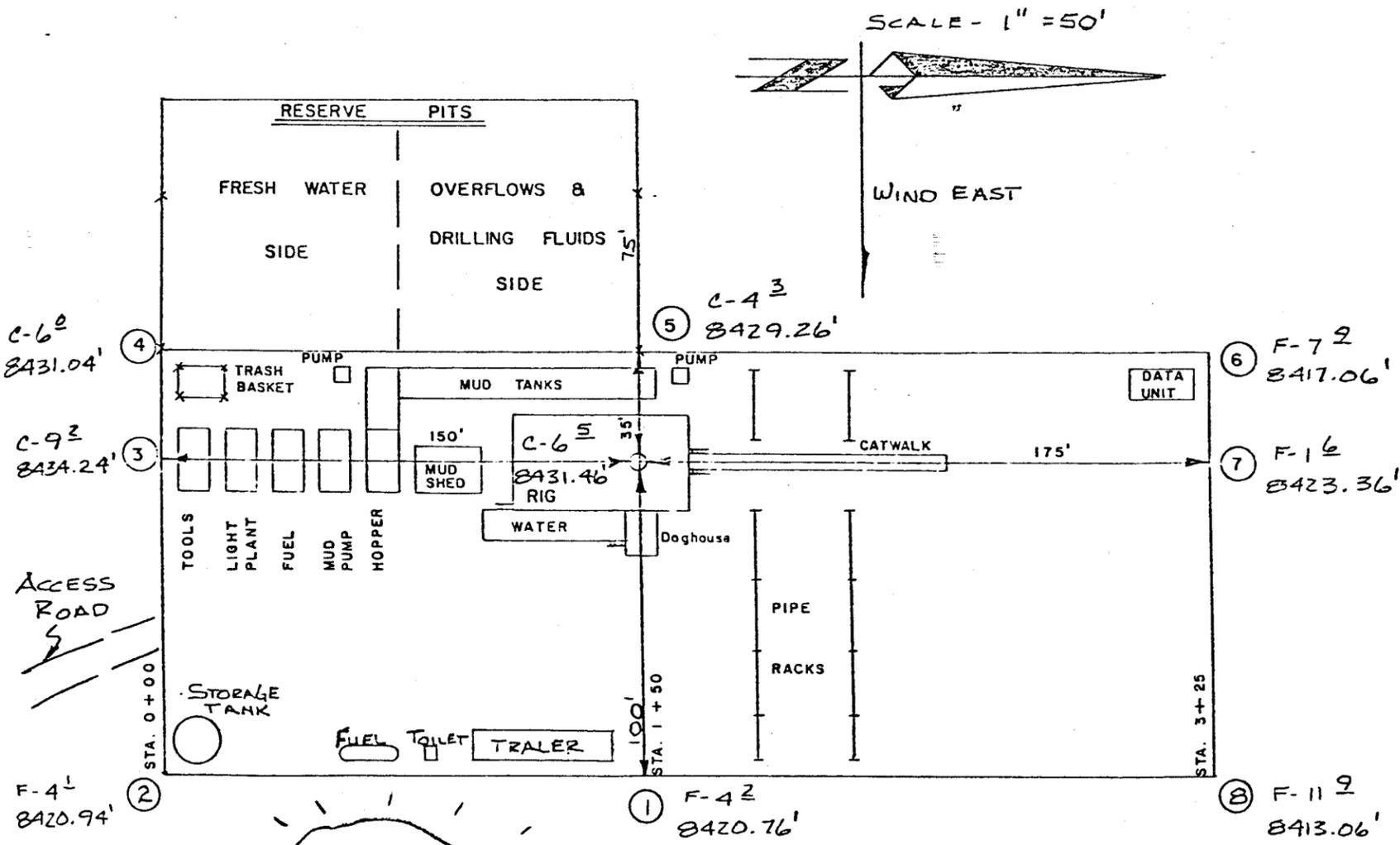
10/9/80

ORIGINAL SIGNED
BY: R. J. FIRTH

R.J. Firth

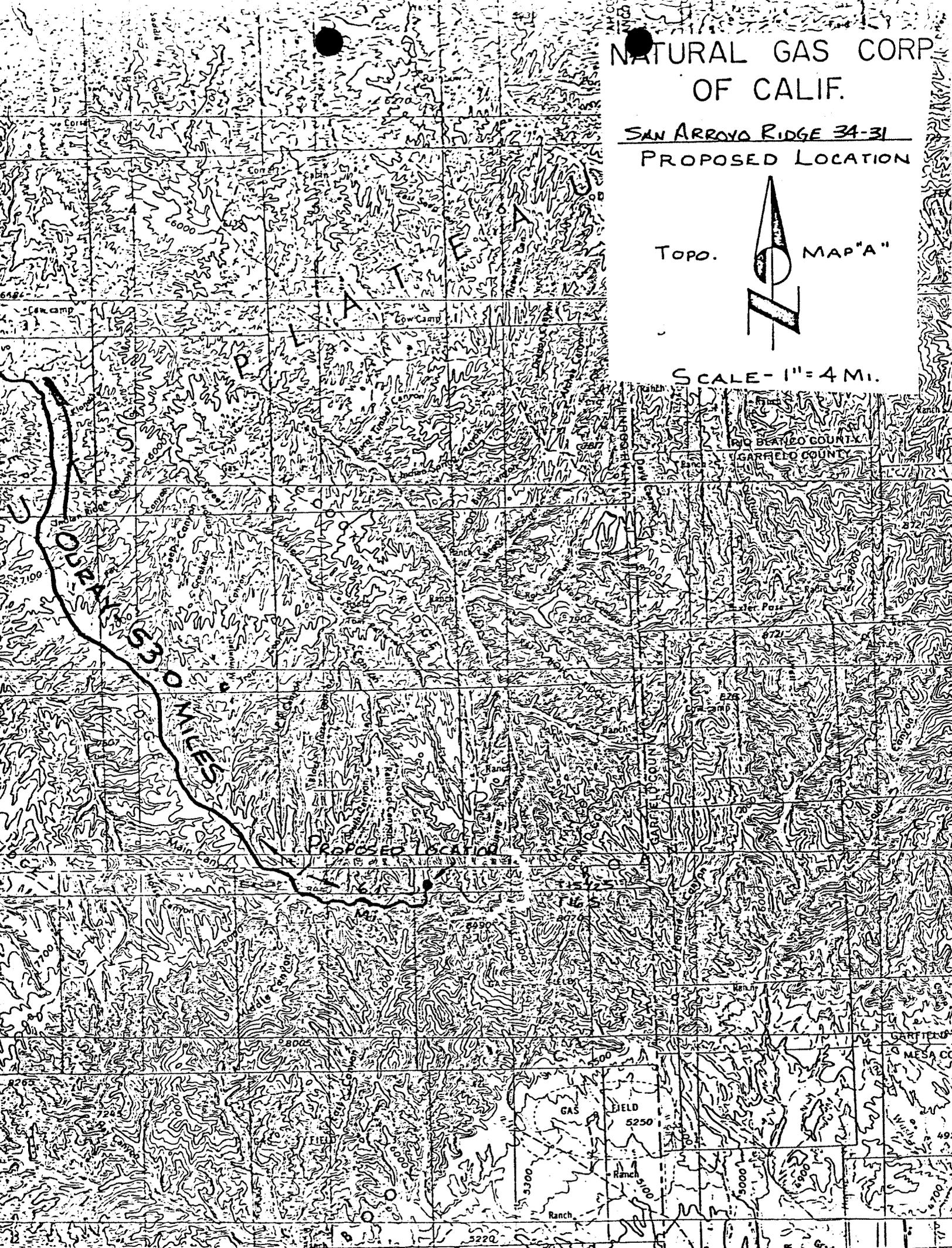
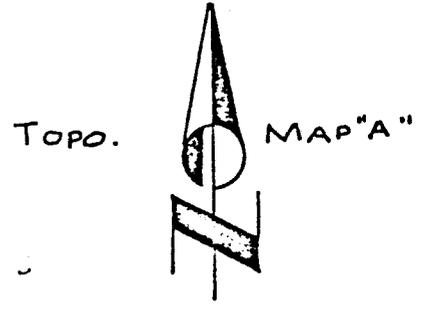
NATURAL GAS CORP. OF CALIF.

SAN ARROYO RIDGE 34-31



NATURAL GAS CORP.
OF CALIF.

SAN ARROYO RIDGE 34-31
PROPOSED LOCATION



SAN ARROYO RIDGE
650 MILES

PROPOSED LOCATION

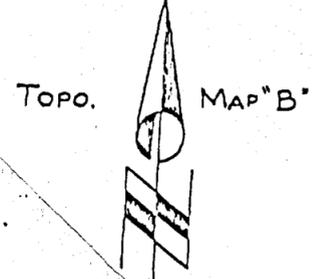
GAS FIELD 5250

Ranch

GARFIELD
MESA CO

NATURAL GAS CORP.
OF CALIF.

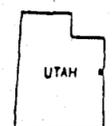
SAN ARROYO RIDGE 34-31
PROPOSED LOCATION



SCALE - 1" = 2000'

ROAD CLASSIFICATION

Light-duty Unimproved dirt



QUADRANGLE LOCATION

R 24 E
R 25 E

T 15 S

T 15 1/2 S

T 15 1/2 S

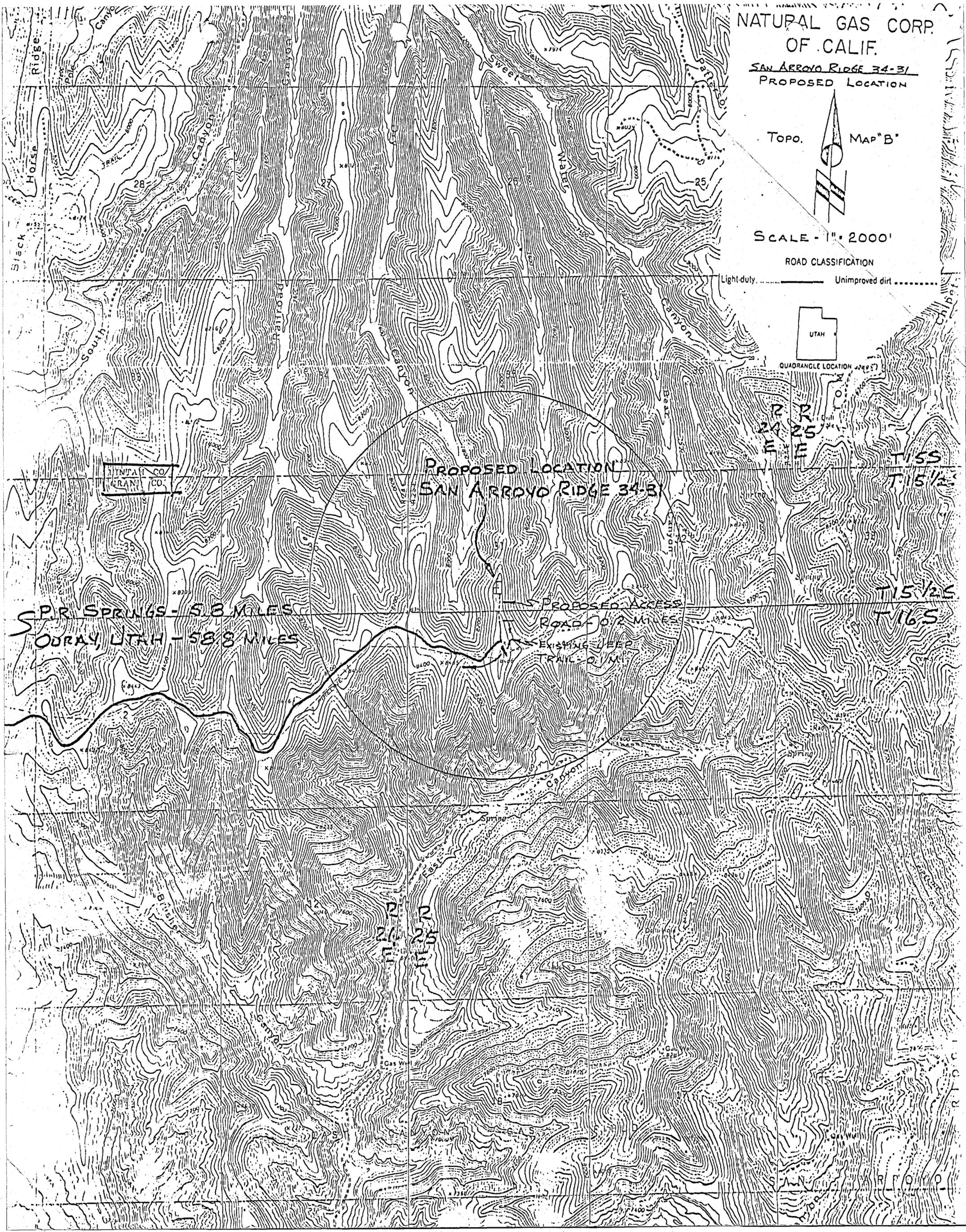
T 16 S

UTAH CO
GRAND CO

PROPOSED LOCATION
SAN ARROYO RIDGE 34-31

S.P.R. SPRINGS - 5.8 MILES
OURAY, UTAH - 58.8 MILES

PROPOSED ACCESS
ROAD - 0.2 MILES
EXISTING UEEP
TRAIL - 0.1 MILE



**NATURAL GAS CORPORATION
OF CALIFORNIA**

85 South 200 East
Vernal, Utah 84058
December 23, 1980

RECEIVED

DEC 20 1980

DIVISION OF
OIL, GAS & MINING

Mr. Cleon B. Feight
Department of Natural Resources
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, UT 84116

Re: Resubmittal of Application for
Permit to Drill, Deepen, or
Plug Back
Proposed NGC #34-31 Federal
Section 31, T15½S, R25E
Grand County, UT

Dear Mr. Feight:

Per our conversation December 23, 1980, enclosed is our resubmittal of Application for Permit to Drill, Deepen, or Plug Back the above referenced well.

A joint onsite inspection was conducted on December 16, 1980 with Mr. Ron Rodgers, Bureau of Land Management, Vernal; and Mr. Glenn Doyle, U. S. Geological Survey, Grand Junction, CO. The Bureau of Land Management prefers that this location not be moved due to the topography of the area.

The lease holders of the adjacent drilling Unit #3 are the same as the ones proposing to drill in Unit #4 and have no objection to the present location.

If you require additional information, please give me a call at our Vernal office - telephone no. 801-789-4573.

Yours truly,

Wm Ryan

Wm. A. Ryan
Petroleum Engineer

/kh

Encls.

cc: E. J. Gelwick

** FILE NOTATIONS **

DATE: Jan. 20, 1981
OPERATOR: Natural Gas Corporation of Ca.
WELL NO: Federal 34-31
Location: Sec. 31 T. 15 1/2 S R. 25 E County: Grand

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

API Number 43-019-30769

CHECKED BY:

Petroleum Engineer: M.Y. Menden 1-26-81 Topog
exception providing offset lease has no objection

However

Director: _____

Administrative Aide: Order # 149-1, 3/14/73 - No other wells
in 15 1/2 S 25 E will not be located in the W 1/2 of dr. unit as
it is not 500' from unit boundary required by
149-1.

APPROVAL LETTER:

Bond Required: Survey Plat Required:

Order No. 149-1 3-14-73 O.K. Rule C-3

Dr. Unit # 3 Zone 1, W 1/2

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, 1981

Natural Gas Corporation of California
85 South 200 West
Vernal, Utah 84078

Re: Well No. Federal 34-31
Sec. 31, T. 15½S, R. 25E,
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with the Order issued in Cause No. 149-1, dated March 14, 1973. However, this approval is conditional providing offset leasee has no objection.

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

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

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

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

The API number assigned to this well is 43-019-30769.

Sincerely,

DIVISION OF OIL, GAS, AND MINING


Michael T. Minder
Petroleum Engineer

/ko
cc: USGS

RECEIVED

NOV 25 1981

Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104-3884

DIVISION OF
OIL, GAS & MINING

November 19, 1981

Natural Gas Corporation of California
85 South 200 East
Vernal, Utah 84078

Re: Applications for Permit to Drill
Well No. 23-1, Sec. 1-16S-24E
Well No. 34-31, Sec. 31-15 1/2S-25E
Lease No. U-04967-C
Well No. 42-8, Sec. 6-16S-25E
Lease No. U-05010-C
Grand County, Utah

Gentlemen:

The referenced applications for permit to drill were received in this office on October 10, 1980.

Reviewing the applications disclosed that a Designation of Operator and bonding is still needed from Emerald Oil Company. This office cannot process the applications as they are deficient, and therefore, is returning your applications unapproved.

This office will commence processing the applications upon receipt of new complete packages.

If you have any questions, please feel free to call.

Sincerely,

E. W. Gwynn
District Oil and Gas Supervisor

cc: Well File
APD Control
SNA
ES
St. O&G