

UTAH OIL AND GAS CONSERVATION COMMISSION

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

DATE FILED **10-15-80**

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

DRILLING APPROVED: **10-15-80 GW**

SPUDED IN: _____

COMPLETED: _____ PUT TO PRODUCING: _____

INITIAL PRODUCTION: _____

GRAVITY A.P.I. _____

GOR: _____

PRODUCING ZONES: _____

TOTAL DEPTH: _____

WELL ELEVATION: _____

DATE ABANDONED: **Location Abandoned - Well never drilled Nov. 19 - 1981**

FIELD: **UNDESIGNATED - 3/4 East Canyon 3-86**

UNIT: _____

COUNTY: **GRAND**

WELL NO. **FEDERAL #31-1** API NO. **43-019-30720**

LOCATION **1045'** FT. FROM (N) LINE. **1778'** FT. FROM (E) LINE. **NW NE** 1/4 - 1/4 SEC. **1**

TWP.	RGE.	SEC.	OPERATOR
------	------	------	----------

16S 24E 1 NATURAL GAS CORP. OF CALIF

**NATURAL GAS CORPORATION
OF CALIFORNIA**

85 South 200 East
Vernal, Utah 84078
(801) 789-4573

October 1, 1980

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

SEP 3 1980

DIVISION OF
OIL, GAS & MINING

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

Re: PTS #31-1 Federal, San Arroyo
Section 1, T16S, R24E
Grand County, UT

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

Wm. A. Ryan
Petroleum Engineer

WAR/kh
Encls.

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

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
 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
 1045' FNL, 1778' FEL, Section 1, T16S, R24E, NW NE
 At proposed prod. zone

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

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1045'

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. 7738 Morrison

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 8405 GR

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

5. LEASE DESIGNATION AND SERIAL NO.
 U-04967C

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Federal

9. WELL NO.
 31-1

10. ~~FILED AND BOOKED FOR WILDC~~
 San Arroyo

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Section 1, T16S, R24E

12. COUNTY OR PARISH 13. STATE
 Grand 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# K55 New	250	250 sacks
8-3/4	7"	23# K55 New	4244	160 sacks
6-1/8	4-1/2"	11.6# N80 New	TD	As required.

Operator proposes to drill well to 7650' 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: 10/15/80
 BY: *[Signature]*

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 1, 1980

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

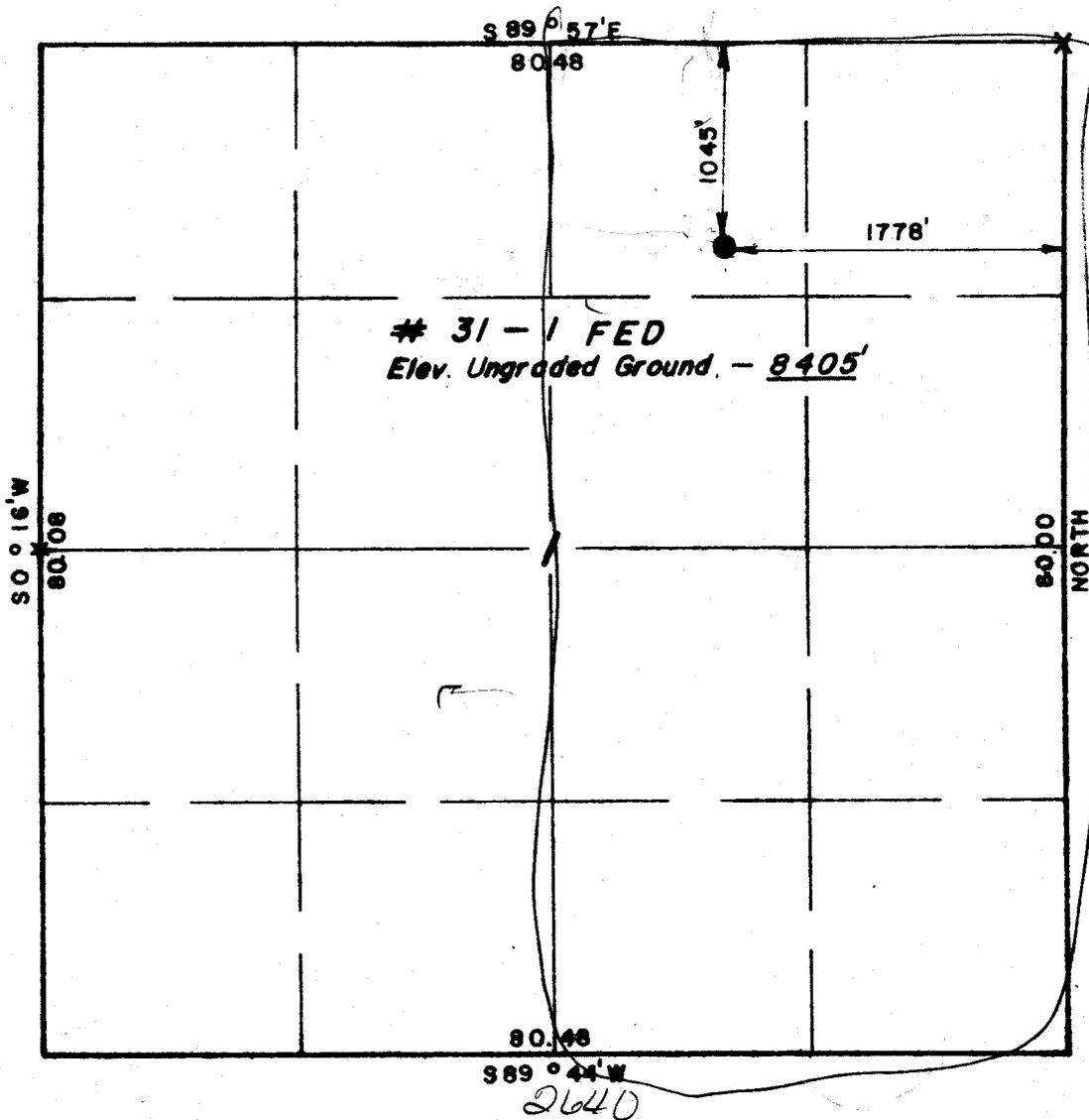
CONDITIONS OF APPROVAL, IF ANY:

cc: USGS (3); Div. of Oil, Gas & Mining (1); J.C. Bendler; E. R. Henry; File

T16S, R24E, S.L.B. & M.

PROJECT
NATURAL GAS CORP OF CALIFORNIA

Well location, # 31-1 FED
located as shown in the NW1/4NE1/4
Section 1, T16S, R24E, S.L.B. & M.
Grand 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 C. Kay

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 / 17 / 80
PARTY	RK BK DB FO	REFERENCES	GLO Plat
WEATHER	Cloudy - Rain	FILE	NATURAL GAS CORP OF CALIF.

X = Section Corners Located

Natural Gas Corporation of California
 San Arroyo #31-1 Federal
 10 Point Drilling Procedure

1. Surface formation is Green River.

2. Estimated Formation Tops:	<u>Elevation</u>	<u>Datum</u>
Tertiary	Surface	+8405
Mesaverde	1474'	+6931
Castlegate	3518'	+4887
Mancos	3601'	+4804
Mancos B	4244'	+4161
Stray Sand	5877'	+2528
Dakota Silt	7137'	+1268
Cedar Mountain	7227'	+1178
Morrison	7377'	+1028
TD	7738'	+ 667

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

Mancos B
 Dakota
 Cedar Mountain

4. Casing Program:

Surface - 9-5/8" @ 250', K-55, STC, 36.0#, New
 Intermediate - 7" @ 4244', K-55, STC, 23.0#, New
 Production - 4-1/2" @ 7738', 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.

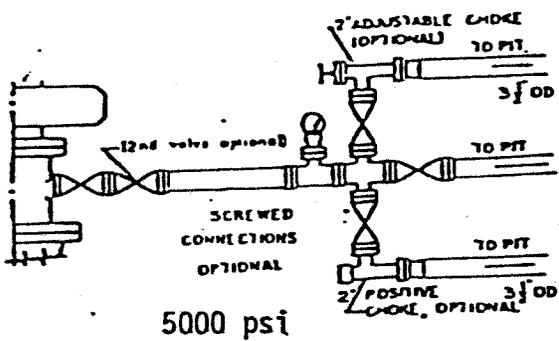
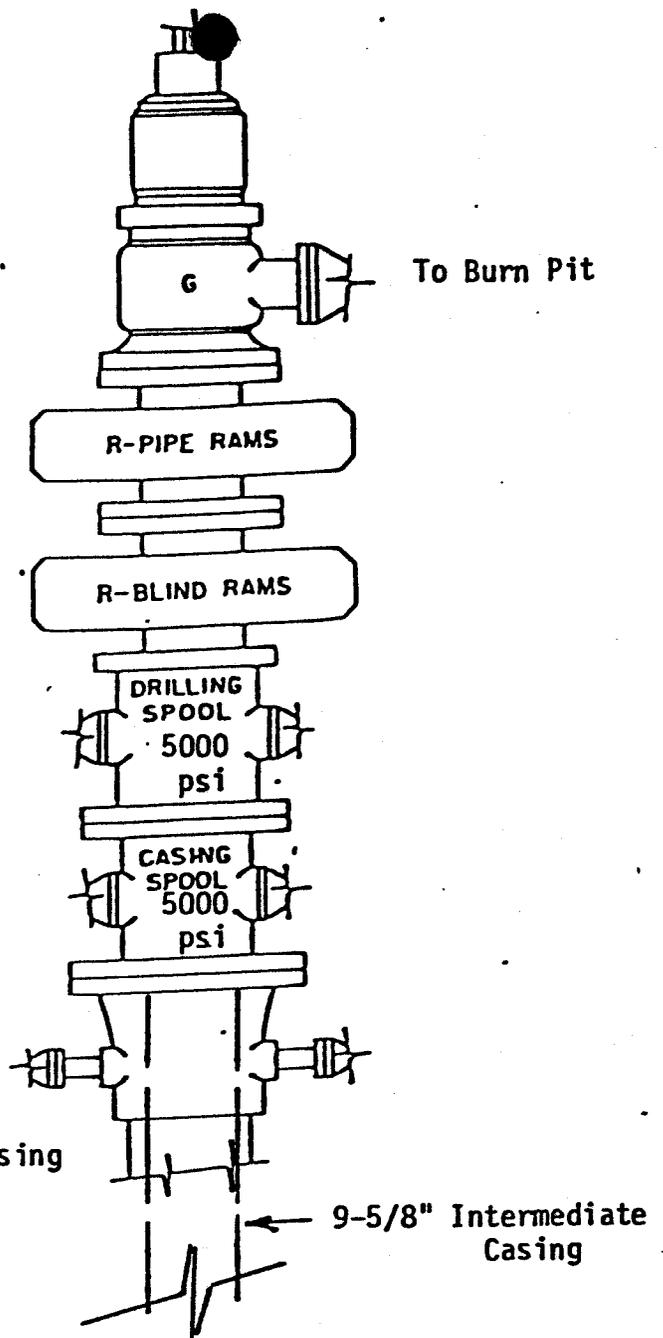
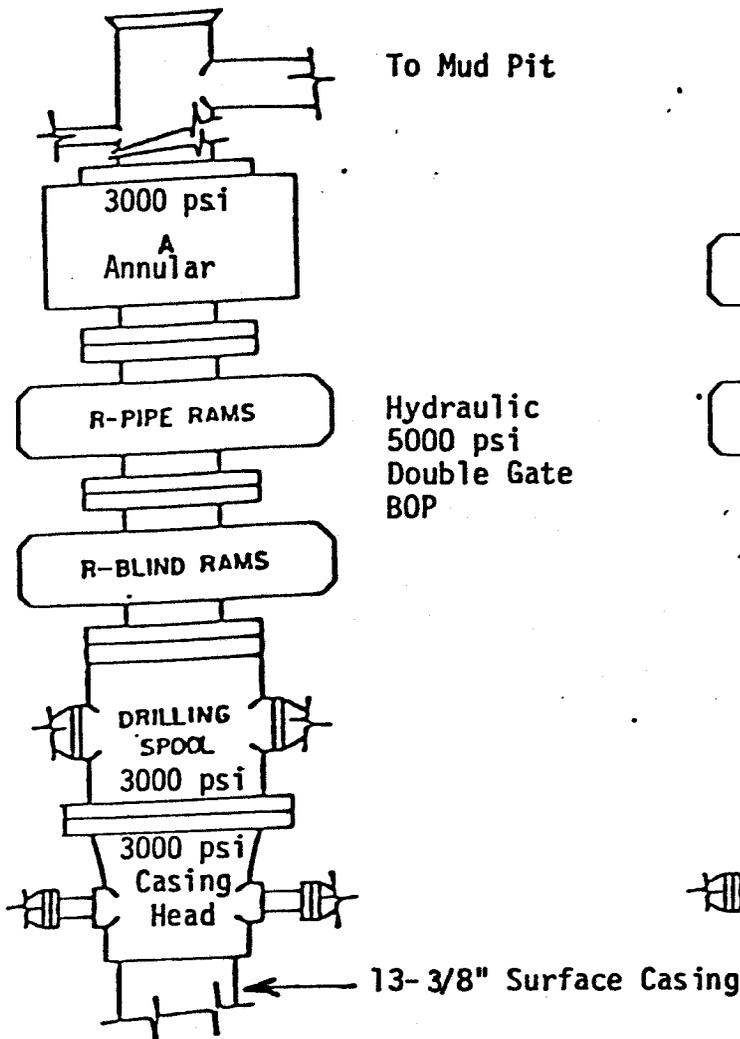
6. Mud Program will be fresh water base drilling mud below surface casing to intermediate casing depth. Gel and lime should be used if needed in the event additional viscosity is required for hole cleaning. Conventional types of lost circulation materials should handle minor losses. However, if losses 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
250-4150	8.4-8.8	27-29
4150-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. Nor coring or drillstem 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.

PRESSURE CONTROL SPECIFICATIONS



CHOKER-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

#31-1 Fed.

Located In

Section 1, T16S, R24E, S.L.B.& M.

Grand County, Utah

NATURAL GAS CORP. OF CALIFORNIA
#31-1 Fed.
Section 1, T16S, R24E, S.L.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach Natural Gas Corp., well location #31-1 Fed, located in the NW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 1, T16S, R24E, 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 4.2 miles to the proposed location site.

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 no construction on 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 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 attached Topographic Map "B".

There will be no access road required as the existing road described above passes directly by the proposed location site.

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.

4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES - Cont...

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 arrangements for a gas flowline will be made.

The rehabilitation of the distrubed area that is not required for the production of this well, will meet the requirements of Item #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, T15 $\frac{1}{2}$ S, R23E, S.L.B. & M. and will be hauled by truck the 4.2 miles over the roads discussed in Item #1.

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 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 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.

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 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 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 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.

When restoration activities have been completed, the location site 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 Item #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 cliffs 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 major drainage in the area with a year-round flow is the West Fork Bitter Creek to the East.

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.

NATURAL GAS CORP. OF CALIFORNIA
#31-1 Fed.
Section 1, T16S, R24E, S.L.B. & M.

11. OTHER INFORMATION - cont...

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.

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

The proposed location sits on the top of a ridge above East canyon to the South and Railroad and Dry Canyons to the North.

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 Northeast 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

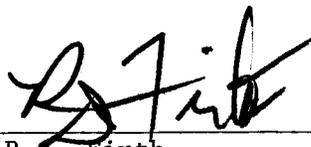
NATURAL GAS CORP. OF CALIFORNIA
#31-1 Fed.
Section 1, T16S, R24E, S.L.B. & M.

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.

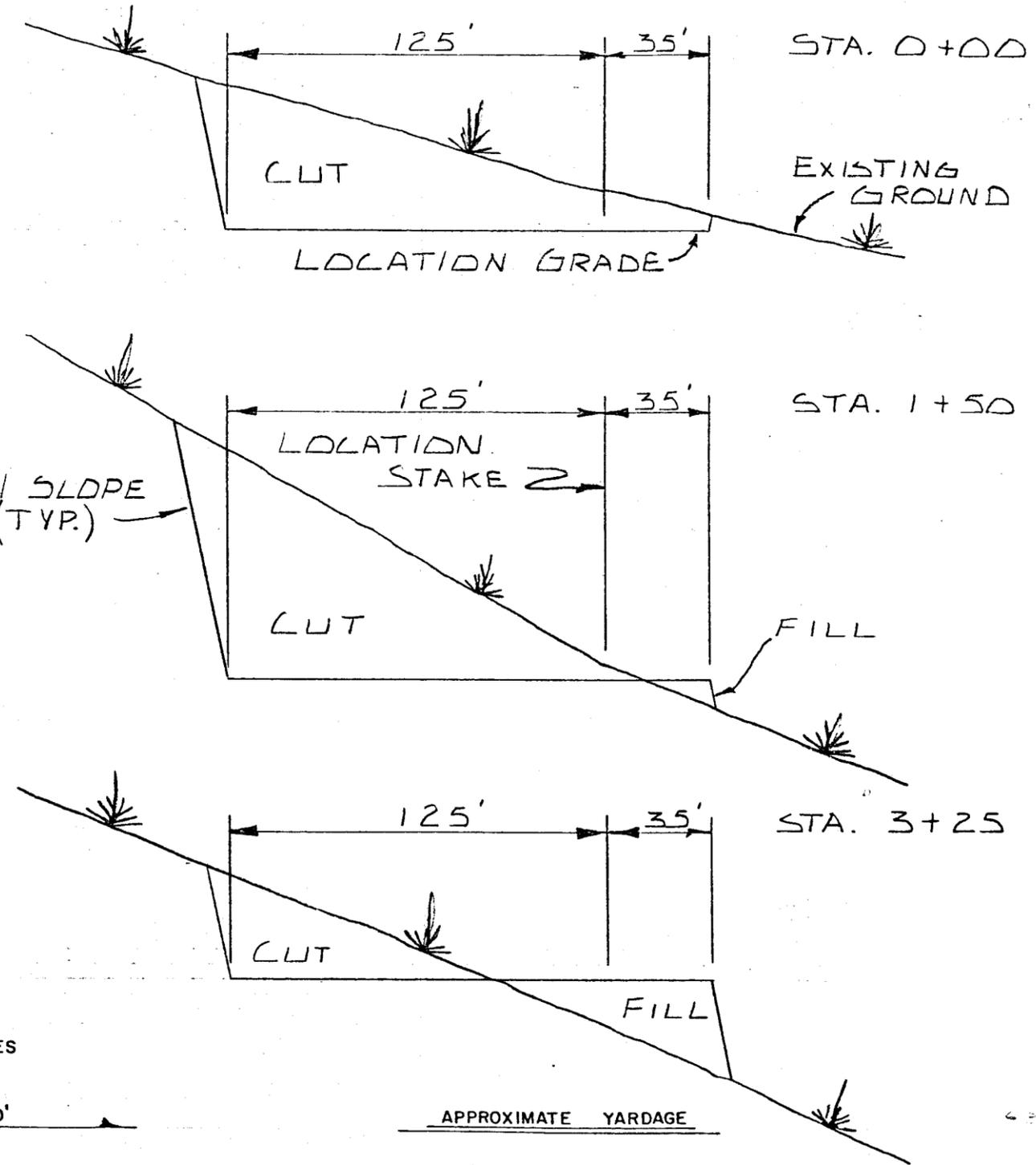
Date

10/1/80


R.J. Firth

NATURAL GAS CORP. OF CALIF.

31 - 1 FED.

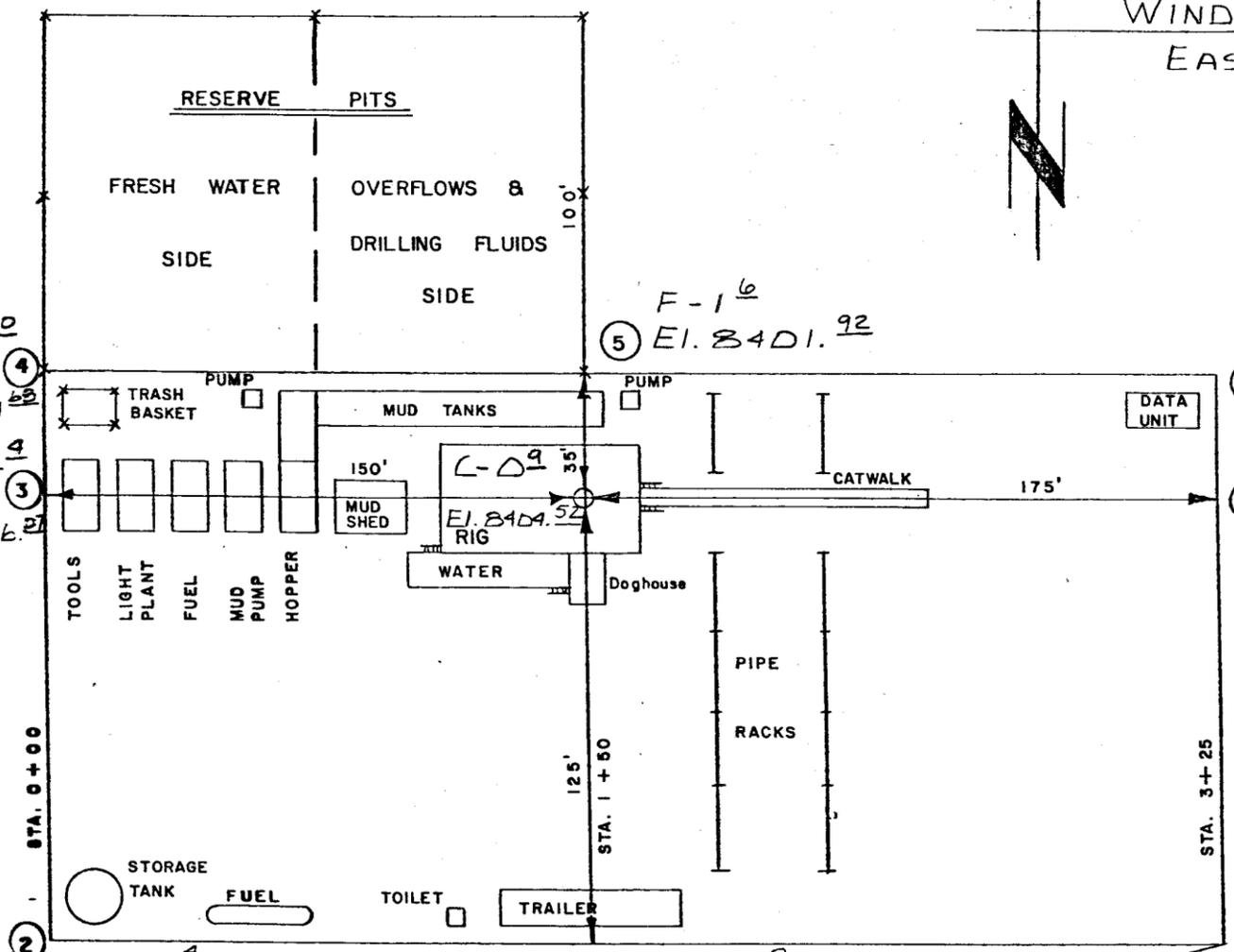
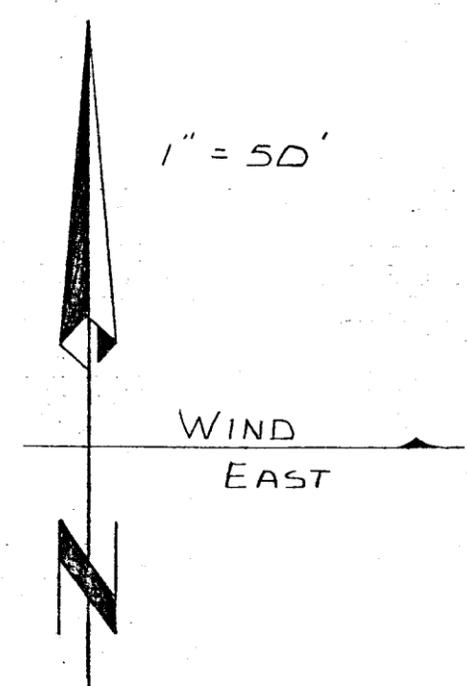


C
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1" = 10'
1" = 50'

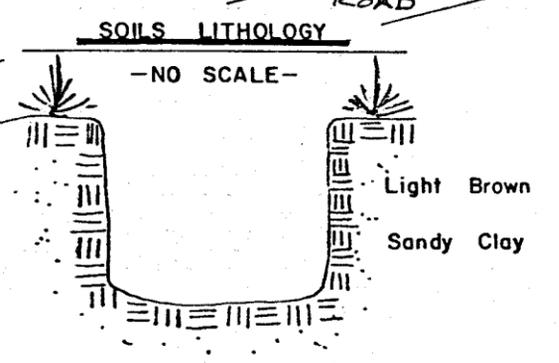
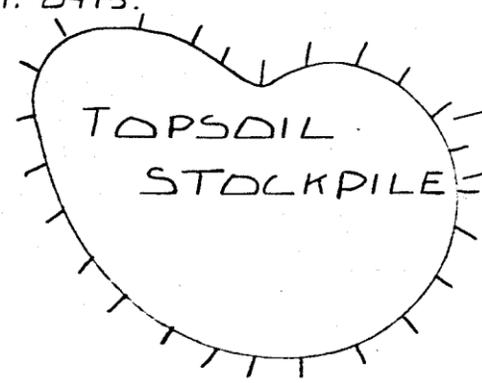
APPROXIMATE YARDAGE
Cubic Yards of Cut - 10,345
Cubic Yards of Fill - 939

SCALE 1" = 50'



C-10
Ei. 8404.52
C-24
Ei. 8406.21
STA. 0+00
C-91
Ei. 8413.08
C-152
Ei. 8418.85
C-69
Ei. 8410.49

F-16
Ei. 8401.92
F-69
Ei. 8397.12
F-31
Ei. 8400.92
C-69
Ei. 8410.49



EXISTING ROAD

NATURAL GAS CORP.
OF CALIF.

#31-1 FED.

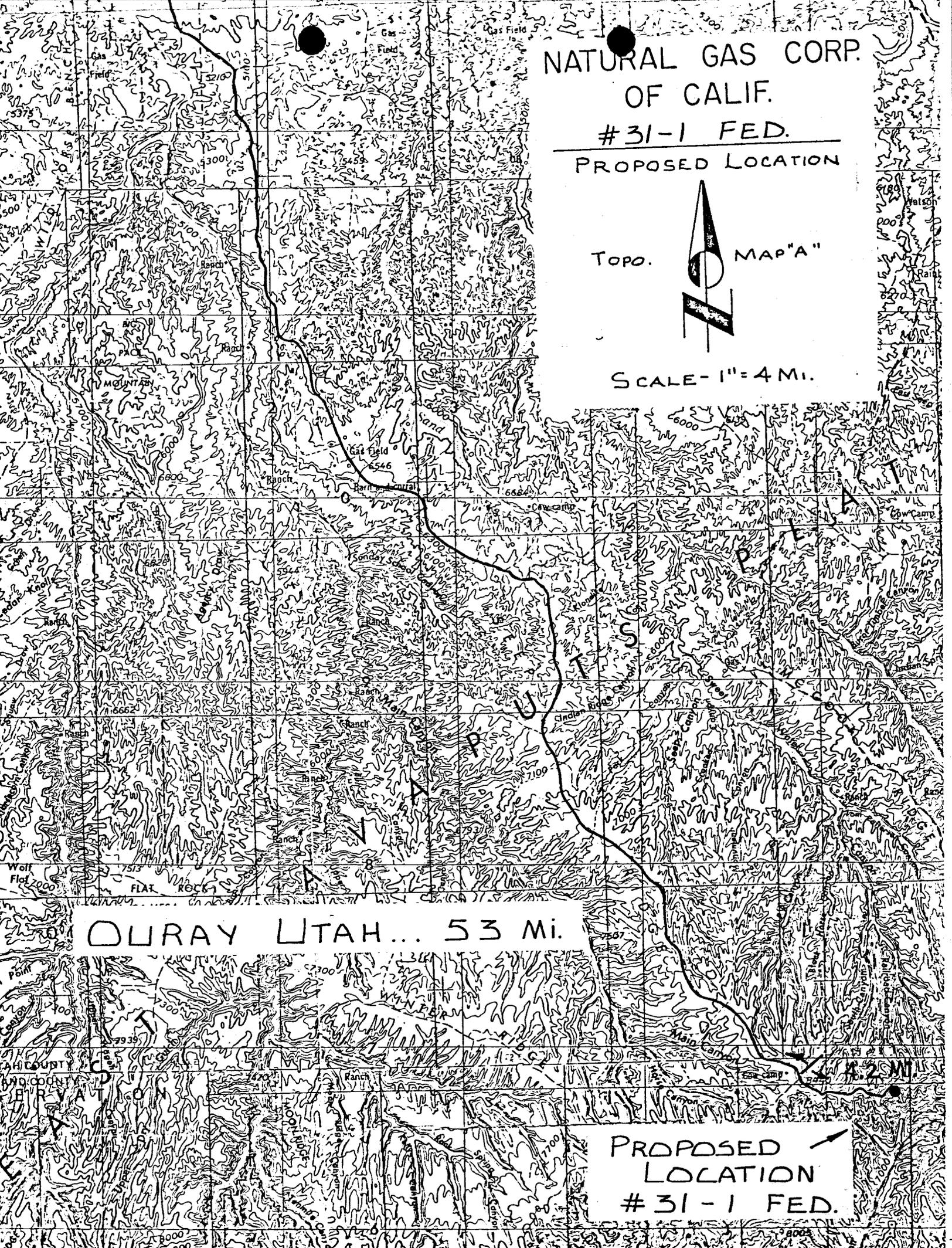
PROPOSED LOCATION



SCALE - 1" = 4 MI.

OURAY UTAH... 53 mi.

PROPOSED LOCATION
#31-1 FED.

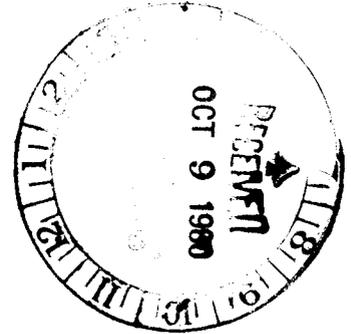


NATURAL GAS CORPORATION OF CALIFORNIA

2300 ENERGY CENTER ONE
717 SEVENTEENTH STREET
DENVER, COLORADO 80202
(303) 571-1662

C. T. (TED) CLARK, JR.
LAND MANAGER

October 7, 1980



Mr. E. W. Gynn
GEOLOGICAL SURVEY-CONSERVATION DIV.
2000 Administration Bldg.
1745 West 1700 South
SLC, Utah 84104

Re: NGC #31-1 Federal, San Arroyo
Section 1, T16S, R24E
Grand County, Utah

Gentlemen:

By our cover letter of October 1, 1980, you were sent an Application for Permit to Drill for the above location. Enclosed in triplicate are Designations of Operator from PTS to NGC for this well. These should be attached to the APD.

Sincerely,

Rita Wood-Danos

Rita Wood-Danos
Land Assistant

RWD
Enclr

cc: Div. of Oil, Gas & Mining

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Salt Lake City,
SERIAL NO.: U-04967-C

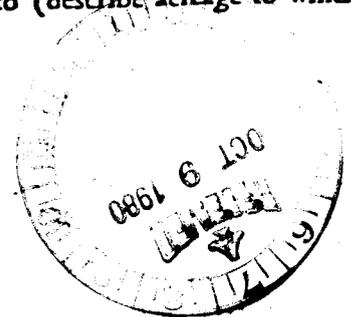
and hereby designates

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

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 15½ South, Range 25 East, SLM
Section 31: Lots 1-6, E½SW¼, NW¼SE¼, S½SE¼
Township 16 South, Range 24 East, SLM
Section 1: All
Section 12: W½, N½NE¼

containing 1434.42 acres, m/1
Grand County, Utah



It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

PACIFIC TRANSMISSION SUPPLY COMPANY

By: [Signature]

C. T. Clark, Jr.

(Signature of lessee)

Attorney-in-Fact

October 7, 1980

(Date)

245 Market Street, San Francisco, CA 94105

(Address)

U. S. GOVERNMENT PRINTING OFFICE 16-53408-8

EVIDENCE OF AUTHORITY FOR ATTORNEY-IN-FACT
IS FILLED IN U-46500 AND SUCH
AUTHORITY IS STILL IN EFFECT.

CT

** FILE NOTATIONS **

DATE: Oct 10, 1980

OPERATOR: Natural Gas Corp. of Calif

WELL NO: Earl 31-1

Location: Sec. 1 T. 16S R. 24E County: Yuma

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-019-30720

CHECKED BY:

Petroleum Engineer: _____

Director: OK as per order issued in course 149-1
dtg March 14, 1973. This well is the drilling unit
well for drilling unit # 2 zone II

Administrative Aide: _____

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. 149-1 3/14/73

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

Plotted on Map

Approval Letter Written

Hot Line

P.I.

October 20, 1980

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

Re: Well No. Federal 31-1
Sec. 1, T. 16S, R. 24E
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-~~8~~ dated March 14, 1973. This well is the drilling Unit well for Drilling Unit #2-Zone II.

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-~~DL9~~-30729.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Cleon B. Feight /ka
Cleon B. Feight
Director

/ka
cc: USGS

June 23, 1988

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

Re: See Attached Sheet

Gentlemen:

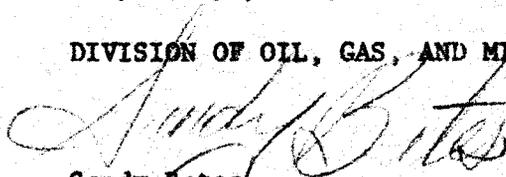
In reference to above mentioned wells, considerable time has gone by since approval was obtained from this office.

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 on drilling 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



Sandy Bates,
Clerk-Typist

1. Well No. Federal #11-11
Sec. 11, T. 16S, R. 24E
Grand County, Utah
2. Well No. Federal #23-1
Sec. 1, T. 16S, R. 24E
Grand County, Utah
3. Well No. Federal #31-1
Sec. 1, T. 16S, R. 24E
Grand County, Utah
4. Well No. Federal #41-14
Sec. 14, T. 16S, R. 25E
Grand County, Utah
5. Well No. Federal #42-8
Sec. 8, T. 16S, R. 25E
Grand County, UTAH
6. Well No. Federal #43-7
Sec. 7, T. 16S, R. 25E
Grand County, Utah