

FILE NOTATIONS

Entered in N I D File _____
Entered On S R Sheet _____
Location Map Pinned _____
Card Indexed _____
I W R for State or Fee Land _____

Checked by Chief _____
Copy N I D to Field Office _____
Approval Letter _____
Disapproval Letter _____

COMPLETION DATA:

Date Well Completed _____

Location Inspected _____

OW _____ WW _____ TA _____

Band released _____

GW _____ OS _____ PA _____

State of Fee Land _____

LOGS FILED

Driller's Log _____

Elect. Logs (No.) _____

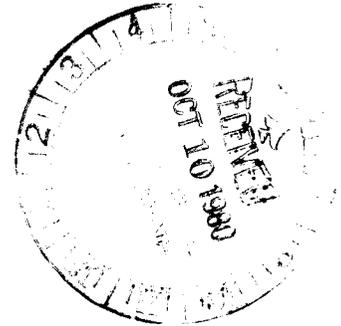
E _____ EI _____ GR _____ GR-N _____ Micro _____

Lat _____ Mi-L _____ Sonic _____ Others _____

**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 #42-8 Federal
Section 8, T16S, 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,

A handwritten signature in cursive that reads "William A. 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

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
 445' FEL, 1720' FNL, SE-NE Section 8, T16S, R25E
 At proposed prod. zone

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

16. NO. OF ACRES IN LEASE
 1114.69

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
 7377' GL *Morrison*

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 8451' 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	3890	160 sacks
6-1/8	4-1/2	11.6# N80 New	TD	As Required

Operator proposes to drill well to 7377' 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: 10/28/80
 BY: CB Fought

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

(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. of OG&M; J. C. Bendler; E. R. Henry

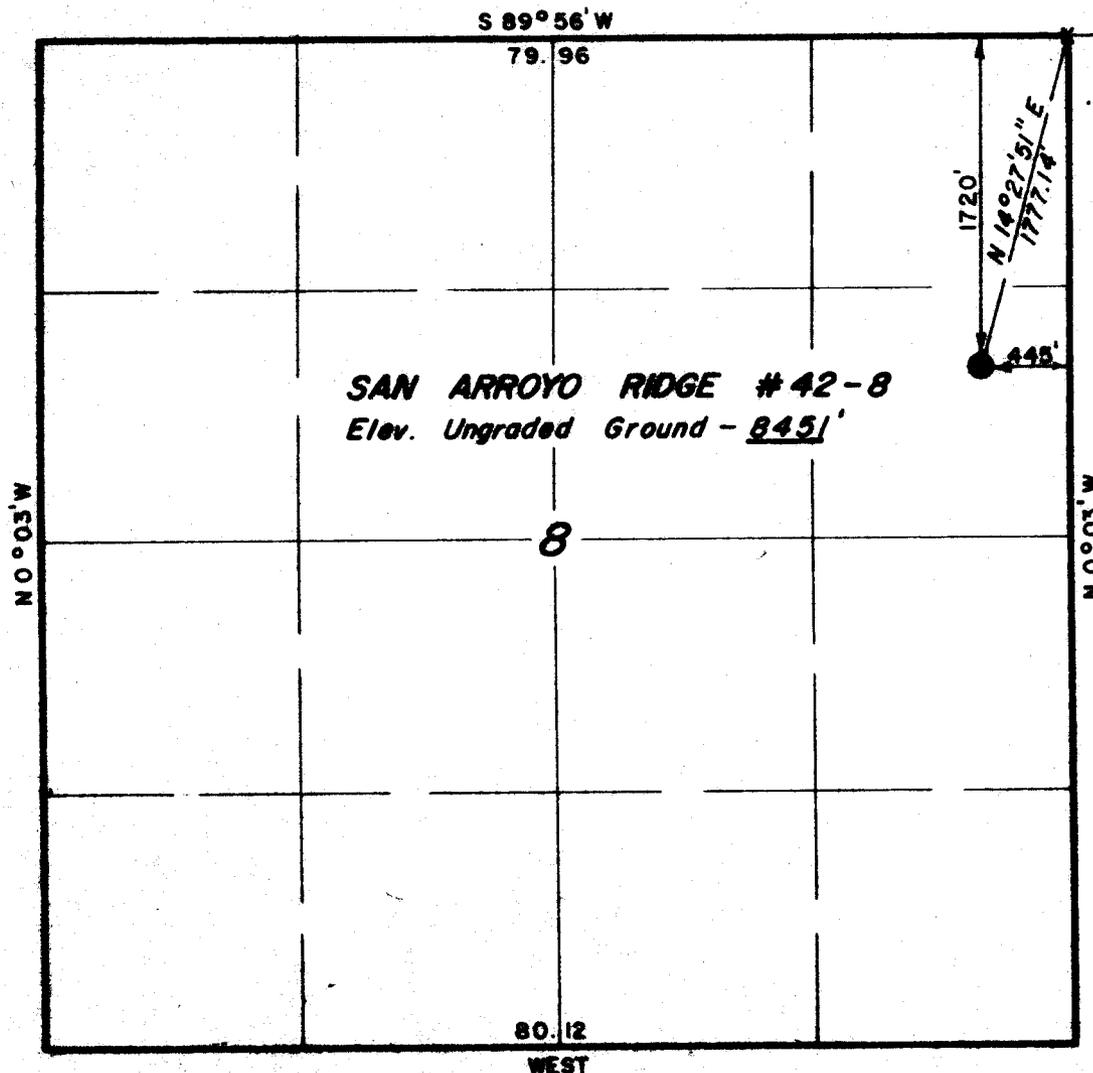
T 16 S, R 25 E, S.L.B. & M.

PROJECT

NATURAL GAS CORP. OF CALIFORNIA

Well location, *SAN ARROYO RIDGE*
 # 42-8, located as shown in the
 SE1/4 NE1/4 Section 8, T 16 S, R 25 E,
 S.L.B. & M. Grand County, Utah.

NE Cor. Sec. 4
 T16S, R25E,



SAN ARROYO RIDGE # 42-8
 Elev. Ungraded Ground - 8451'



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 / 23 / 80
PARTY	RK BK AC	REFERENCES	GLO Plat
WEATHER	Windy / Cool	FILE	NATURAL GAS CORP. OF CALIF.

X = Section Corners Located

DESIGNATION OF OPERATOR

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

DISTRICT LAND OFFICE:
SERIAL No.: U-05010-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 16 South, Range 25 East, SLM
Section 7: NW $\frac{1}{4}$ NW $\frac{1}{4}$ (Lot 1), E $\frac{1}{2}$ W $\frac{1}{2}$, E $\frac{1}{2}$
Section 8: SE $\frac{1}{4}$ NE $\frac{1}{4}$, W $\frac{1}{2}$ NE $\frac{1}{4}$, NW $\frac{1}{4}$, S $\frac{1}{2}$

containing 1,114.69 acres, more or less
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 of lessee)

--- C. T. Clark, Jr. - Attorney-in-Fact

245 Market Street, San Francisco, CA 94105
(Address)

(Date)

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

CT

Natural Gas Corporation of California
 San Arroyo #42-8 Federal
 10 Point Drilling Procedure

1. Surface formation is Green River.

2. Estimated Formation Tops:	<u>Elevation</u>	<u>Datum</u>
Tertiary	Surface	+8463 KB
Mesaverde	1546'	+6917
Castlegate	3355'	+5108
Mancos	3473'	+4990
Mancos B	4103'	+4360
Dakota Silt	6943'	+1520
Morrison	7193'	+1270
TD	7390'	+1073

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" @ 3990', K-55, STC, 23.0#, New
 Production: 4-1/2" @ 7377', 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.

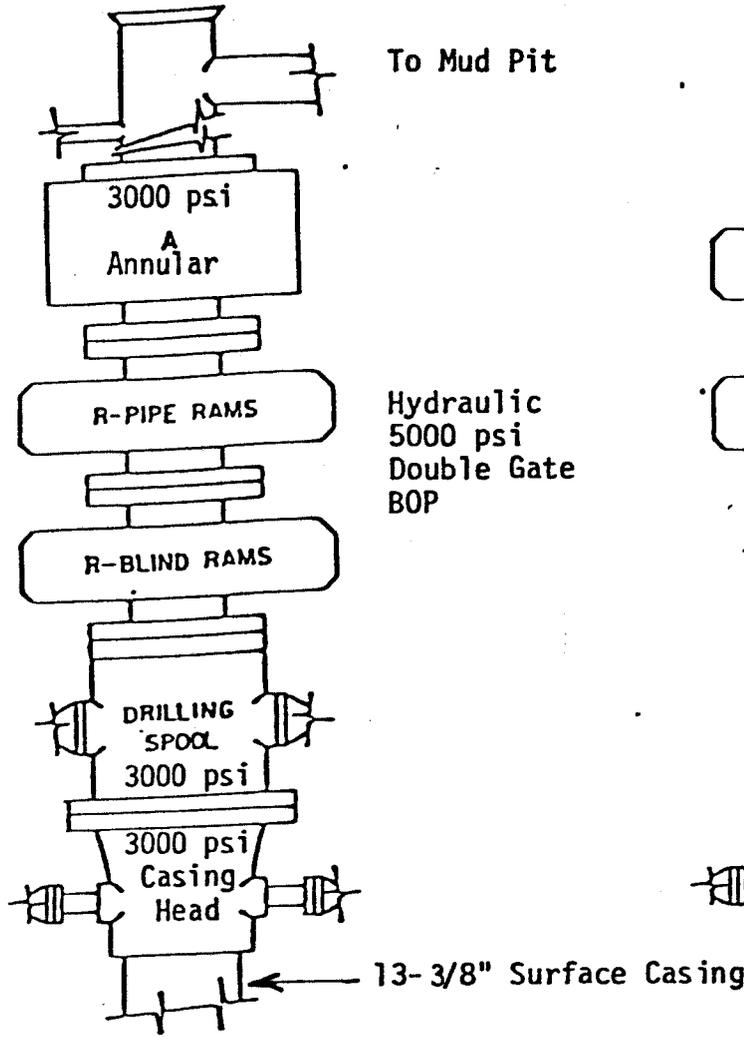
<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>
0-250	8.3 - 8.4	27 - 29
250-4003	8.4 - 8.8	27 - 29
4003-TD	Air or air mist	

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.

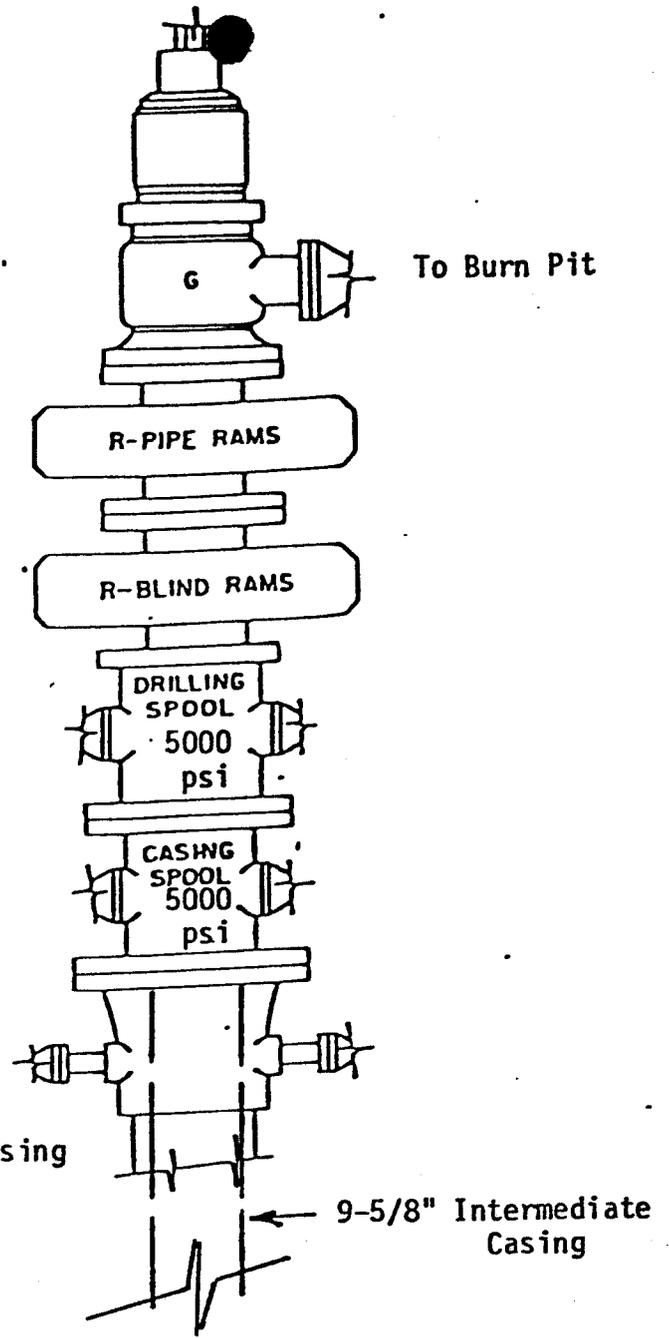
10/8/80

PRESSURE CONTROL SPECIFICATIONS

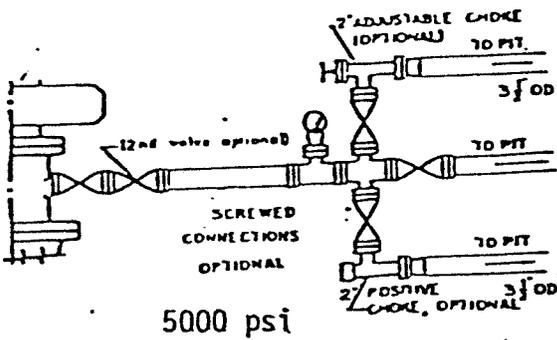


To Mud Pit

Hydraulic
5000 psi
Double Gate
BOP



To Burn Pit



CHOKE-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 #42-8

Located In

Section 8, T16S, R25E, S.L.B. & M.

Grand County, Utah

NATURAL GAS CORP. OF CALIFORNIA
San Arroyo Ridge #42-8
Section 8, T16S, R25E, S.L.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach Natural Gas Corp., well location San Arroyo Ridge #42-8, located in SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 8, T16S, 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 exits 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 is improved dirt road) 53 miles to P.R. Springs; proceed Easterly along a improved dirt road that is called the McCook Ridge road 7.2 miles to the junction of this road and an existing road to the Southwest; proceed Southwesterly along this road 0.7 miles to the beginning of the proposed access road (to be discussed in Item #2).

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to Ouray, Utah at which point the 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 Topographic Map "B".

The planned access road leaves the existing road described in Item #1 in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 8, T16S, R25E, S.L.B. & M. and proceeds in a Southerly 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 road.

Back slopes along the cut areas of the road will be 1 $\frac{1}{2}$ to 1 slopes and terraced.

NATURAL GAS CORP. OF CALIFORNIA
San Arroyo Ridge #42-8
Section 8, T16S, R25E, S.L.B. & M.

2. PLANNED ACCESS ROAD - cont...

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 cattlequards required.

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

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

3. LOCATION OF EXISTING WELLS

There is one abandoned well within a one-mile radius of this location site.

There are no known water wells, producing 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 which belongs to Natural Gas Corp. 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 arrangements for a gas flowline will be made.

The rehabilitation of the disturbed 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.

NATURAL GAS CORP. OF CALIFORNIA
San Arroyo #42-8
Section 8 T16S, R25E, S.L.B. & M.

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 8.1 miles over the roads discussed in Item #1 and #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 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.

NATURAL GAS CORP. OF CALIFORNIA
San Arroyo Ridge #42-8
Section 8, T16S, R25E, S.L.B. & M.

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

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 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.

When restoration activities have been completed, the location site and access road 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.

NATURAL GAS CORP. OF CALIFORNIA
San Arroyo Ridge #42-8
Section 8, T16S, R25E, S.L.B. & M.

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 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 the 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 toposoil 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.

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 West and San Arroyo Canyon to the East.

NATURAL GAS CORP. OF CALIFORNIA
San Arroyo Ridge #42-8
Section 8, T16S, R25E, S.L.B. & M.

11. OTHER INFORMATION - cont...

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

The ground slopes through the location to the Southwest at approximately a 13% 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 is however a radio facility site within a one mile radius of this location site.

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 Tele: 801-789-4573

13. CERTIFICATION

I hereby certiy 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 conformity with this plan and terms and conditions under which it is approved.

Date

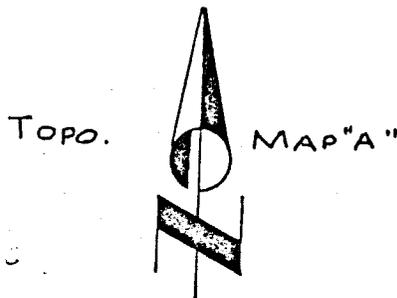
10/9/80

R.J. Firth

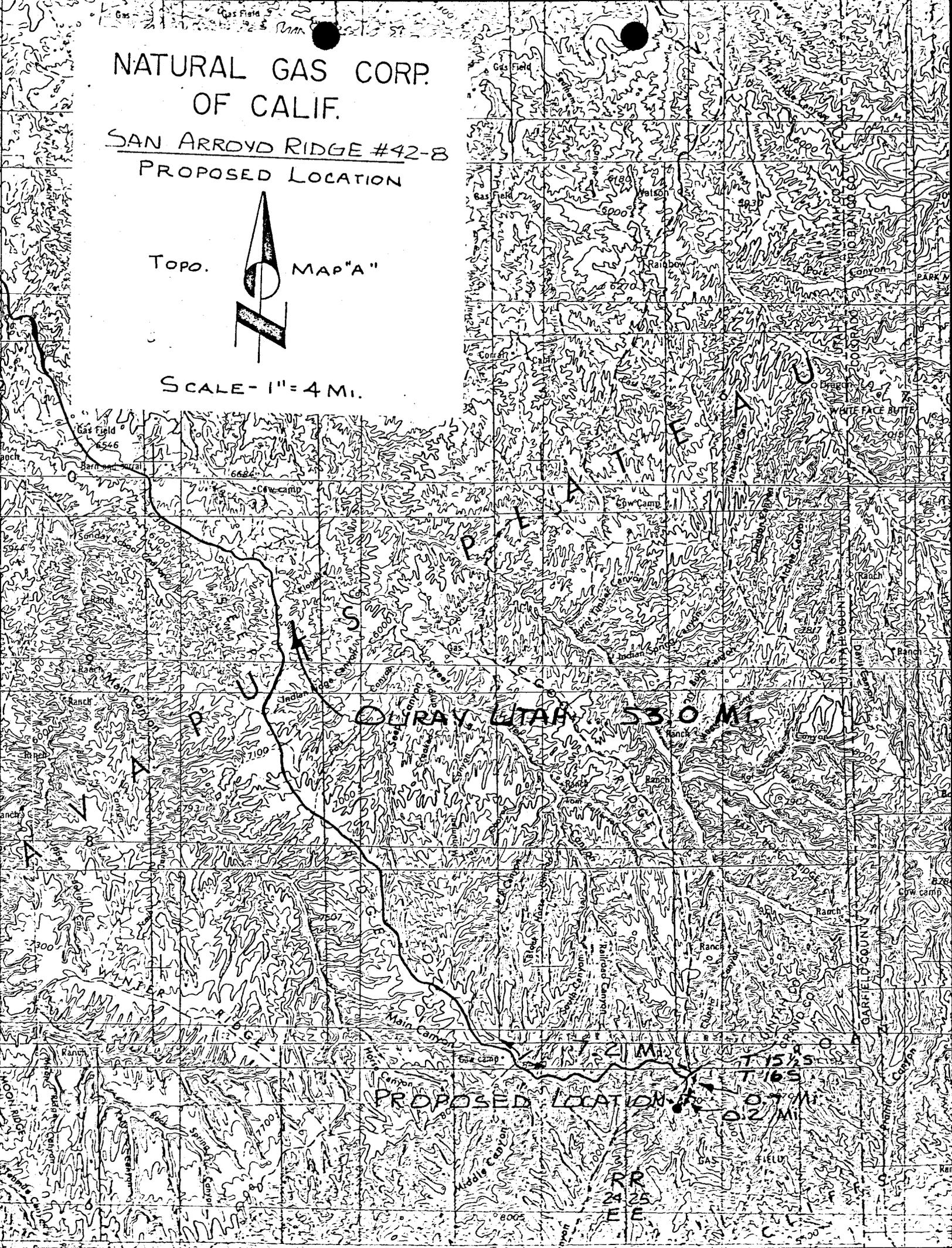


NATURAL GAS CORP.
OF CALIF.

SAN ARROYO RIDGE #42-8
PROPOSED LOCATION



SCALE - 1" = 4 MI.



NATURAL GAS CORP.
OF CALIF.
SAN ARROYO RIDGE #42-B
PROPOSED LOCATION

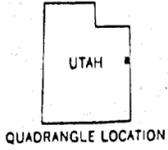
TOPO. MAP "B"



SCALE - 1" = 2000'

ROAD CLASSIFICATION

Light-duty ——— Unimproved dirt - - - - -



QUADRANGLE LOCATION

← OIL RAY, UTAH ... 60.2 MI.

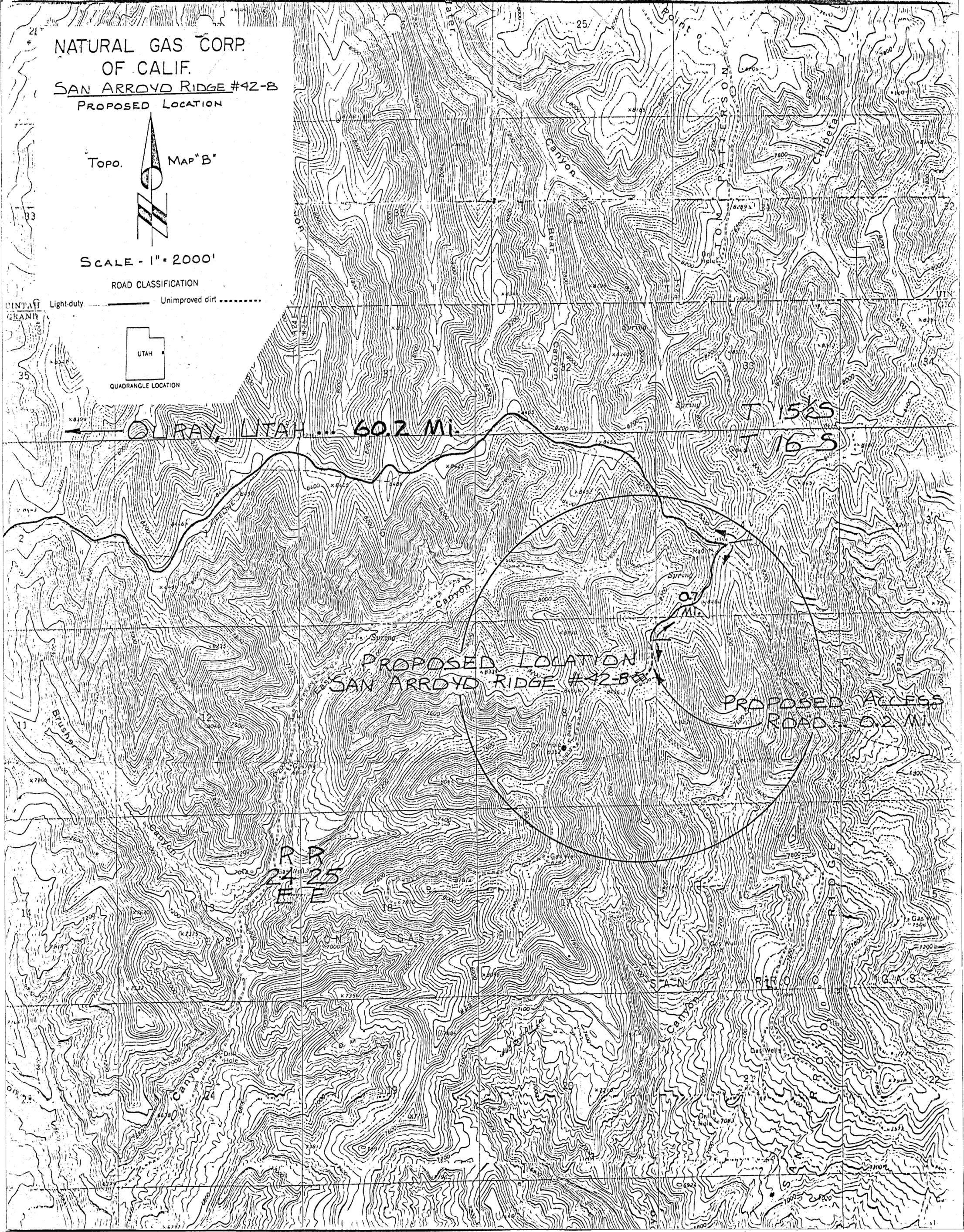
T 15 1/2 S
T 16 S

PROPOSED LOCATION
SAN ARROYO RIDGE #42-B

PROPOSED ACCESS
ROAD ... 0.2 MI

R 24 R
E 25 E

SAN RIBO CANYON



** FILE NOTATIONS **

DATE: Oct. 22, 1980
OPERATOR: Natural Gas Corp. of Ca.
WELL NO: Federal 42-8
Location: Sec. 8 T. 16S R. 25E County: Grand

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

API Number 43-019-30736

CHECKED BY:

Petroleum Engineer: _____

Director: OK under order issued in Cause 149-7 3/14/73
This well is the unit well for Drilling Unit #29 zone I
55' no 8 distance too bad considering topography in area

Administrative Aide: 149-1, 2000' from any gas well - 500' from any
unit boundary

APPROVAL LETTER:

Bond Required: Survey Plat Required:
Order No. 149-7 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 Fed. Plotted on Map

Approval Letter Written

Hot Line P.I.

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 22, 1980

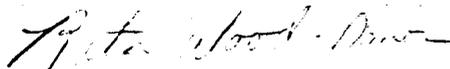
Mr. E. W. Gynn
Geological Survey-Conservation Div.
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, UT 84104

Re: Proposed NGC #42-8 Federal
Section 8, T16S, R25E
Grand County, UT

Gentlemen:

By letter of October 8, 1980, you were sent an Application for Permit to Drill the above referenced location and attachments. Enclosed in triplicate is a Designation of Operator from Pacific Transmission to Natural Gas Corporation, the operator of the well.

Sincerely,



Rita Wood-Danos
Land Department

/RWD

cc: Div. of Oil, Gas & Mining

RECEIVED

OCT 27 1980

DIVISION OF
OIL, GAS & MINING

October 28, 1980

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

Re: Well No. Federal 42-8
Sec. 8, T. 16S, 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. This well is the Unit well for Drilling Unit #29, Zone 1.

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: 535-5771
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 43-019-30736.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

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

.. *Well No. Federal #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

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 84076

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. 8-16S-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. Gynn
District Oil and Gas Supervisor

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

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
INSPECTION RECORD

Operator Fortune Oil Co.

Lease U-05010-C

Contractor 43-019-31035

Well No. Federal 42-8

Location SWSE Sec. 8 T. 16S R. 25E

Field San Arroyo

County Grand State UT

Operation: Drilling _____
Workover _____
Completion _____
Abandonment _____
Producing SI
Other _____

Individual Well Inspection

General:

Well Sign BOP NA Pollution control Marker NA
Housekeeping Safety Surface use Location

Remarks: Picture #'s 1-2 - well drilled and left open hole and pit
Record shows subsequent Report of plugging and abandonment, but
site not rehabilitated or marker set.

Lease and Facilities Inspection

Facilities inspected:

Identification	_____	Pollution control	_____
Housekeeping	_____	Pits and ponds	_____
Measurement facilities	_____	Water disposal	_____
Storage and handling facilities	_____	Other	_____

Remarks: _____

Action: Install legal Identification and rehab. site
Complete rehabilitation and marking. Correct the records.

Name G. M. Moore Title Inspector Date 6-19-84

Use: for yes or satisfactory
 for no or unsatisfactory
NA for not applicable

April 5, 1984

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

Budget Form No. 42-R1424

STATE

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals)

1. oil well gas well other P & A

2. NAME OF OPERATOR
FORTUNE OIL COMPANY

3. ADDRESS OF OPERATOR
50 So. Main, #1570, SLC, UT 84144

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 551' FSL & 1535' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
U-05010-C

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
#42-8

10. FIELD OR WILDCAT NAME
San Arroyo Area

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 8, T16S, R25E

12. COUNTY OR PARISH | 13. STATE
Grand | Utah

14. API NO.
43-019-31035

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7707' GR

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

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

"TIGHT HOLE"

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

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.)*

Fortune Oil Company herewith reports that the subject well was plugged and abandoned on 11/11/83 in the following manner:

TD: 6748' (Verbal approval rec'd from E.Guynn, BLM, 10/19/83 and State of Utah.)

Casing: 9 5/8" SA 247'
7" SA 2819' Formation Tops:

Plugs:	6350'-6150' w/40 sx cmt	Castlegate	2514'
	5400'-5200' w/40 sx cmt	Mancos	2606'
	4300'-4100' w/40 sx cmt	"B"	3268'
	2900'-2700' w/40 sx cmt	Frontier	5834'
		Dakota	6106'
		Cedar Mtn	6278'
		Morrison	6337'
Subsurface Safety Valve: Manu. and type	10 sx surface plug w/marker	Salt Wash	6652'
		Set @	Ft.

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

SIGNED: [Signature] TITLE: Operations Manager DATE: 11/14/83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

DATE: 11/14/83
BY: [Signature]

*See Instructions on Reverse Side

RECEIVED
NOV 13 1983

DIVISION OF
OIL, GAS & MINING

REFERENCE: ORDER / CAUSE NO. 149-22
August 25, 1983



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Moab District
Grand Resource Area
P. O. Box M
Moab, Utah 84532

021913

IN REPLY REFER TO

3109 (U-068)
U-05010-C

SEP 23 1984

Fortune Oil Company
50 South Main
Suite 1570
Salt Lake City, UT 84144

Reference:

Well #42-8
Lease # U-05010-C
SW/SE Sec. 8, T. 16 S., R. 25 E., SLB&M

PTA
43-019-30736

Gentlemen:

The location referenced above and access road was inspected on September 11, 1984, and the surface restoration is very satisfactory. Your dirt contractors, Mr. Jim Beard, Beard Construction; and Mr. Bob Patton, Smith Welding & Construction can be highly complemented on the surface work each did. We appreciate the time, effort, and expense given to this location. You are to be complemented on the cleanup and surface restoration of the well pad and access road.

Final release will be issued when the seeding is shown to be successful (when perennial vegetation is established).

Sincerely yours,

Area Manager



Save Energy and You Serve America!

OIL COMPANY
Fortune

N 2260

50 South Main Street
Suite 1570
Salt Lake City, Utah 84144
Phone: (801) 532-7797

October 12, 1984

RECEIVED

OCT 15 1984

State of Utah
Department of Natural Resources
Division of Oil, Gas, and Mining
4241 State Office Building
Salt Lake City, Utah 84114

**DIVISION OF OIL
GAS & MINING**

Attention: William Moore,
Oil and Gas Field Specialist

Pfa 16S25E 8

43-019-30736

Dear Mr. Moore:

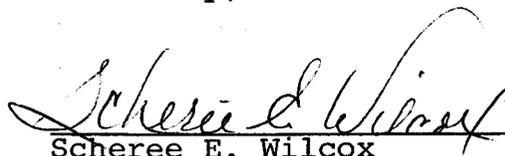
With reference to your letter of September 12, 1984, please be advised that all inadequacies noted for each of our well locations have been corrected.

The Federal 42-8 location has been reclaimed and is now ready for your inspection. Due to restrictions imposed by the Bureau of Land Management, this site could not be reclaimed last November when the well was plugged & abandoned due to ground conditions. Our Sundry Notice to you only advised of the subsequent abandonment of the well, not that the site had been reclaimed and was ready for final inspection. We have attached a copy of a letter received by the BLM indicating their acceptance of the location. Seeding on this location should be performed during November. The dry hole marker had been installed in accordance with our 11/14/83 Sundry Notice, however, it was removed in order for reclamation work to be commenced and the site re-contoured in accordance with the stipulations of our APD and Right-of-Way.

The signs on both the Federal 23-1 and Federal 34-31 locations have been replaced. The sign on the 23-1 was apparently knocked down due to traffic and the sign on the 34-31 was removed during installation of the compression equipment.

Should you have questions regarding the work performed, please give me a call and any wellsite problems will be corrected immediately.

Sincerely,



Scheree E. Wilcox
Operations Manager