

El Paso Natural Gas Company

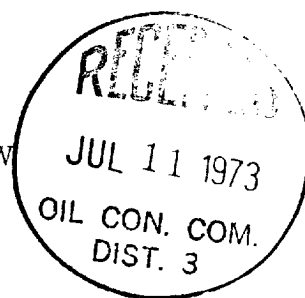
El Paso, Texas 79978

July 9, 1973

ADDRESS REPLY TO
POST OFFICE BOX 990
FARMINGTON, NEW MEXICO 87401

Mr. Jerry Long
U. S. Geological Survey
Post Office Box 1809
Durango, Colorado 81301

Re: San Juan 27-4 Unit #68
SE/4 Section 36, T-27-N, R-4-W
Rio Arriba County, New Mexico
Pictured Cliffs



Dear Mr. Long:

Details regarding existing roads, pipelines, well, etc. relative to the above well location are included on the previously submitted base maps, "Field Road Map" and "Composite Map #1".

The proposed new well location, new roads and new pipelines are shown on the attached plat along with connecting existing roads and pipelines in the vicinity of the proposed new well.

Water for drilling and completion operations will be obtained from a water hole located along Cereza Canyon. Waste material will be disposed of by burial in the burn pit, latrine, or reserve pit as applicable. There will be no camp nor air strip associated with drilling this well. Upon completion or abandonment of this well, the location will be cleaned and leveled and a dry-hole marker placed, if applicable.

Yours very truly,

A handwritten signature in cursive script that reads "D. G. Brisco".

D. G. Brisco
Drilling Clerk

pb

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U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

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

El Paso Natural Gas Company

3. ADDRESS OF OPERATOR

PO Box 990, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

870'S, 920'E

At proposed prod. zone

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

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drg. unit lde, if any)

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

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

7253'GR

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160.00

19. PROPOSED DEPTH

4190'

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

23.

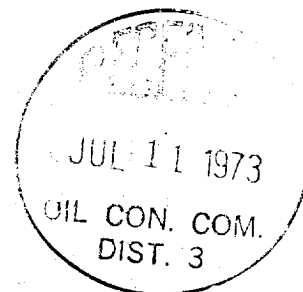
PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24.0#	120'	110 cu. ft. to circulate to surface
6 3/4"	2 7/8"	6.4 ¹¹ / ₁₆	4190'	195 cu. ft. to cover Ojo Alamo

Selectively perforate and sandwater fracture the Pictured Cliffs formation.

Forest approval has been secured.

The SE/4 of Section 36 is dedicated to this well.



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

A. D. Duce

TITLE

Drilling Clerk

DATE July 9, 1973

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

MA

TITLE

CONDITIONS OF APPROVAL, IF ANY:

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U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form 1-1-1-1
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

El Paso Natural Gas Company			San Juan 27-4 Unit (SF-079527)		Well No. 68
Unit Number P	Section 36	Township 27N	Range 4W	County Rio Arriba	
Actual Location of Well:					
870 feet from the South line and		920 feet from the East line			
Ground Level Elev. 7253	Producing Formation Pictured Cliffs	Pool Tapacito Pictured Cliffs	Dedicated Acreage 160.00 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation **Unitization**

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Original Signed by

D. G. Brisco

Drilling Clerk

Position

El Paso Natural Gas Co.

Company

July 9, 1973

Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

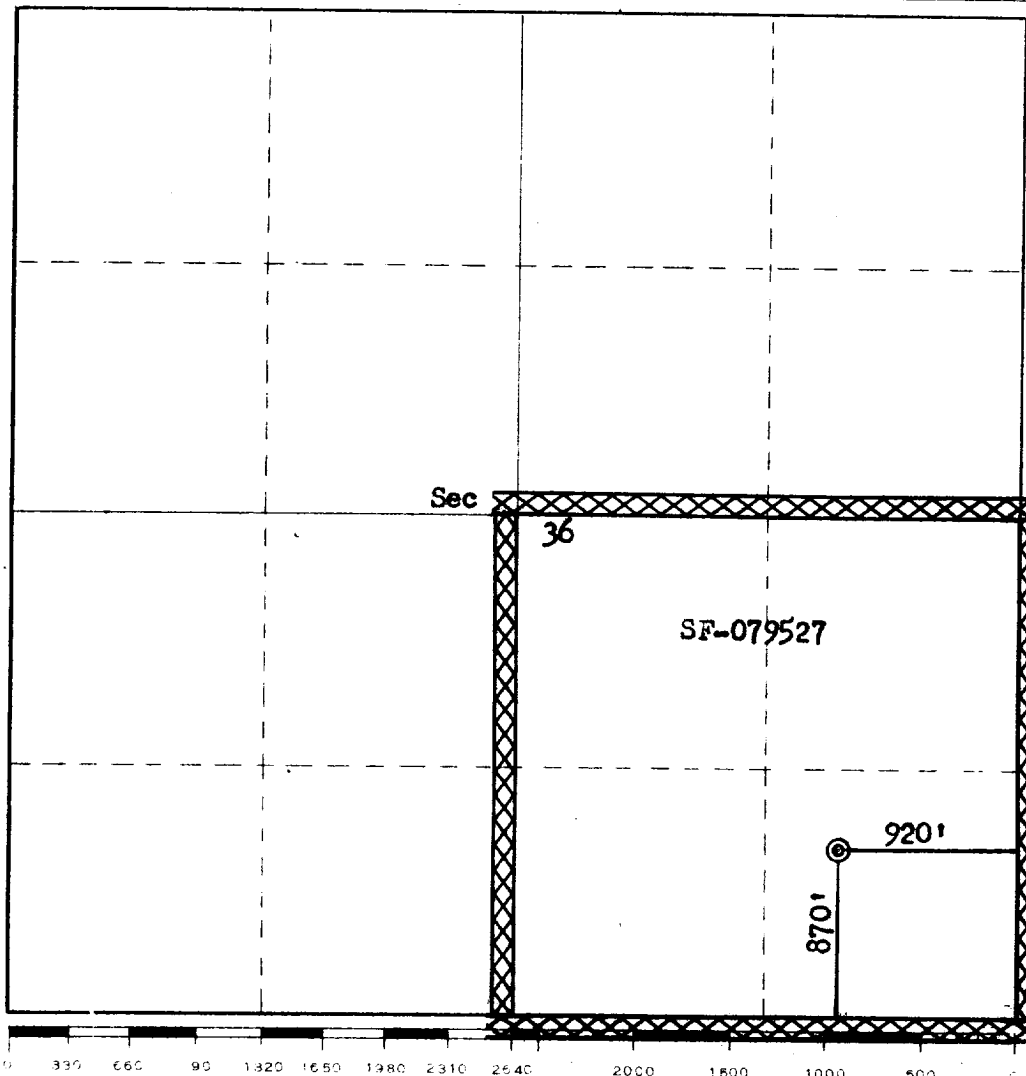
Date Surveyed

June 11, 1973

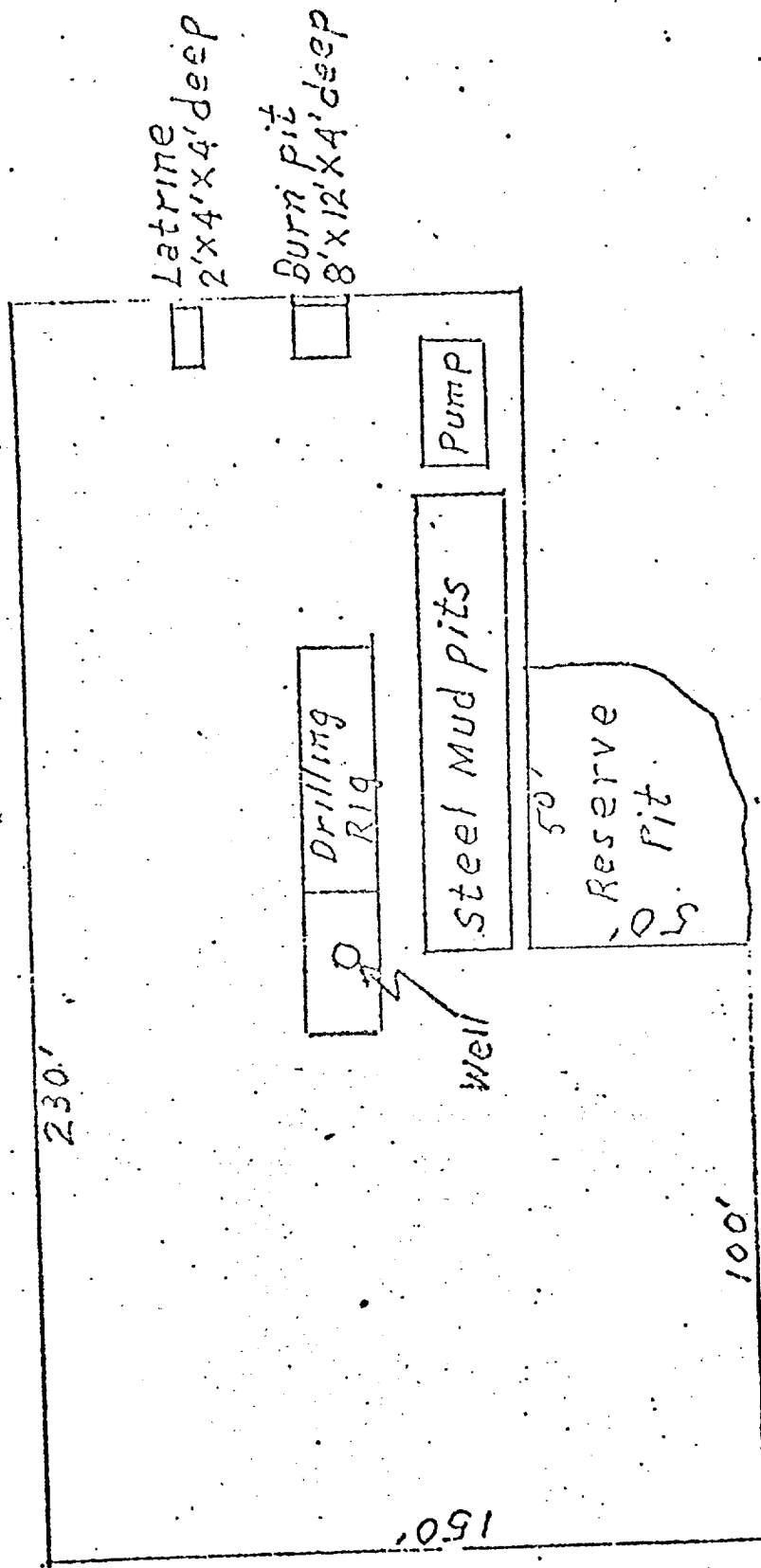
Registered Professional Surveyor No. 3950

Frank L. Kerr

Signature

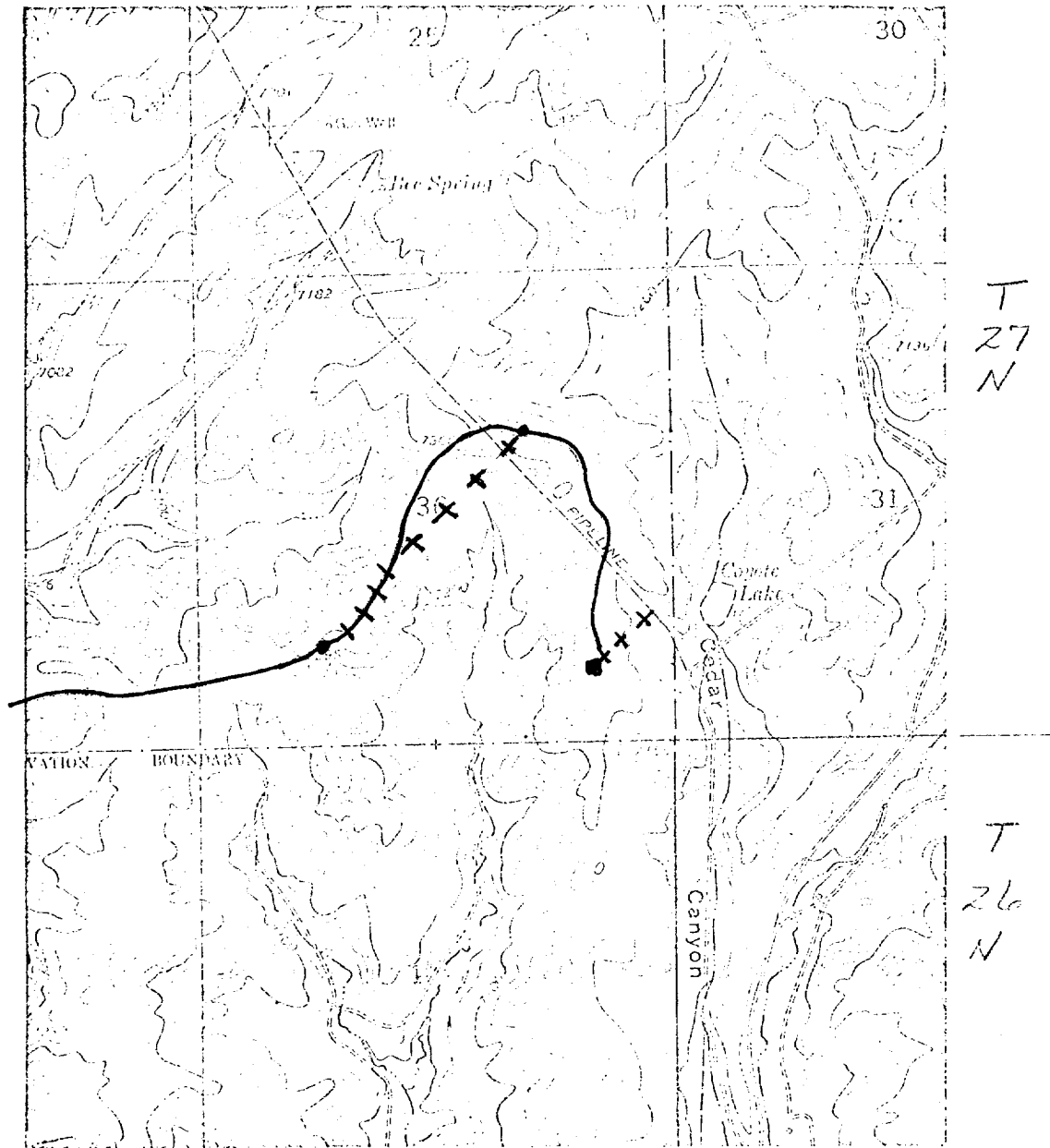


SAN JUAN 27-4 UNIT No. 68



San Juan 27-1 UNIT No. 65

SE/4 Sec 26, T. 27N, R. 4W



R-4-W

R-3-W

LEGEND OF RIGHT-OF-WAYS

EXISTING ROADS	—————
EXISTING PIPELINES	+++++
EXISTING ROAD & PIPELINE	+++++
PROPOSED ROADS	—————
PROPOSED PIPELINES	+++++
PROPOSED ROAD & PIPELINE	+++++