

El Paso Natural Gas Company

El Paso, Texas 79978

July 6, 1973

ADDRESS REPLY TO
POST OFFICE BOX 890
FARMINGTON, NEW MEXICO 87401

Mr. Jerry Long
U. S. Geological Survey
Durango, Colorado 81301

Re: Application for Permit to Drill
San Juan 27-4 Unit No. 67
NE/4 Sec. 36, T-27-N, R-4-W
Rio Arriba County, New Mexico
Pictured Cliffs Formation

Dear Mr. Long:

Details regarding existing roads, pipelines, wells, etc. relative to the above well location are included on the previously submitted base maps, "Field Road Map" and "Composite Map No. 1".

The proposed new well location, new roads and new pipeline 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,

EL PASO NATURAL GAS COMPANY

D. G. Brisco

D. G. Brisco, Drilling Clerk



DGB:brs

RECEIVED
JUL 6 1973

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-20685

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF 079527	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR El Paso Natural Gas Company		7. UNIT AGREEMENT NAME San Juan 27-4 Unit	
3. ADDRESS OF OPERATOR Box 990, Farmington, New Mexico 87401		8. FARM OR LEASE NAME San Juan 27-4 Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1840' N, 1660' E At proposed prod. zone		9. WELL NO. 67	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POB, OR WELLSITE Tapacito Pictured Cliffs	
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, ET. (Also to nearest oil, unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 36, T-27-N, R-4-W N.M.P.M.	
16. NO. OF ACRES IN LEASE		12. COUNTY OR PARISH Rio Arriba	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160.00		13. STATE New Mexico	
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, ET.		19. PROPOSED DEPTH 4245'	
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START*	
21. ELEVATIONS (Show whether DE, RT, GR, etc.) 7283' GR		22. APPROX. DATE WORK WILL START*	
23. PROPOSED CASING AND CEMENTING PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12 1/4"	8 5/8"	24#	120
6 3/4"	2 7/8"	6.4#	4245'
QUANTITIES OF CEMENT			
110 cu.ft. to circ. to surface			
195 cu.ft. to cover Ojo Alamo			

Selectively perforate and sand water fracture the Pictured Cliffs formation.

Forest approval has been secured.

The NE/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 prevention program, if any.

24. SIGNED *A. J. [Signature]* TITLE Drilling Clerk DATE 7-6-73

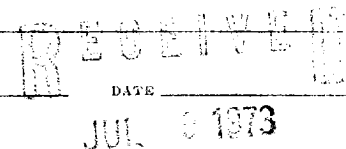
(This space for Federal or State office use)

PERMIT NO. *MA* APPROVAL DATE

APPROVED BY *MA* TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

U. S. GEOLOGICAL SURVEY
WASHINGTON, D. C.

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

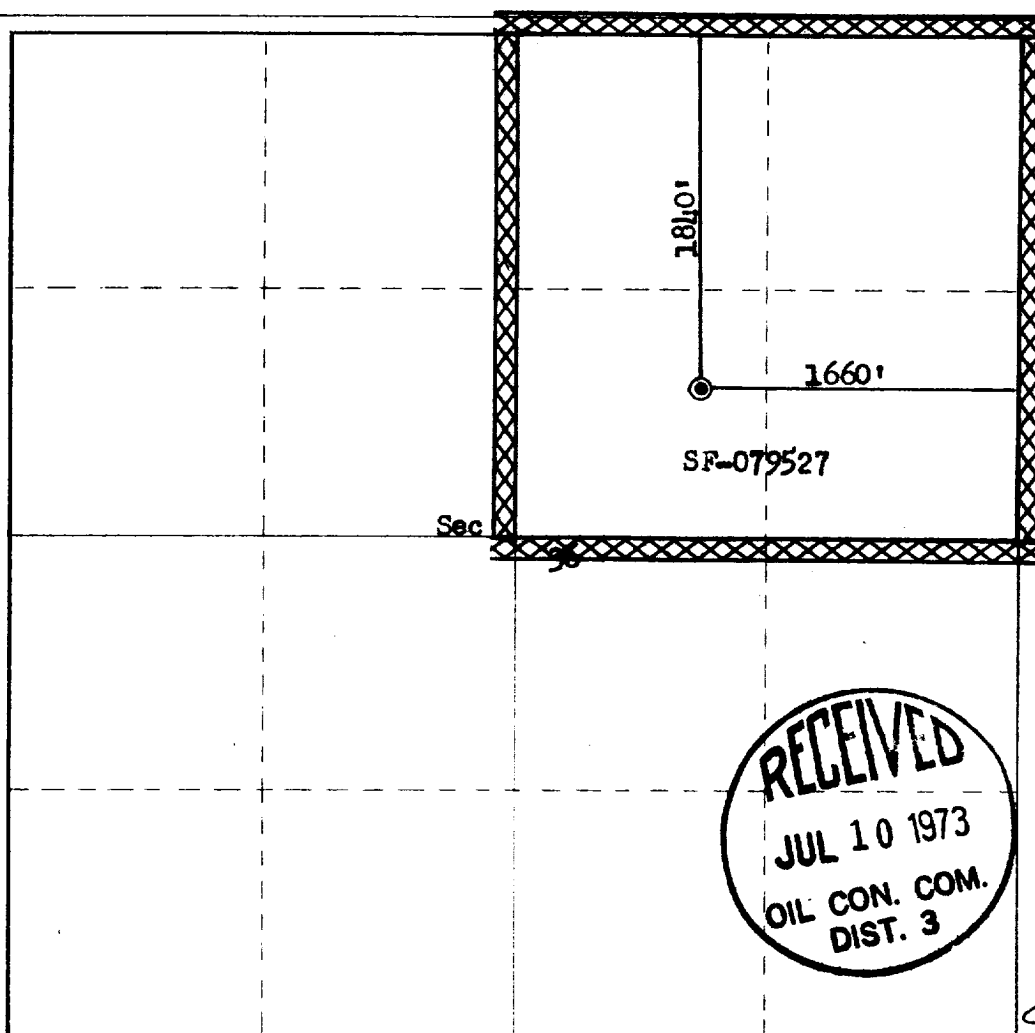
Operator El Paso Natural Gas Company			Lease San Juan 27-4 Unit (SF-079527)		Well No. 67
Unit Letter G	Section 36	Township 27N	Range 4W	County Rio Arriba	
Actual Protag Location of Well: 1840 feet from the North line and 1660 feet from the East line					
Ground Level Elev. 7283	Producing Formation Pictured 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 as to working 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.

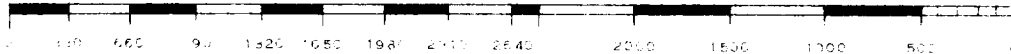
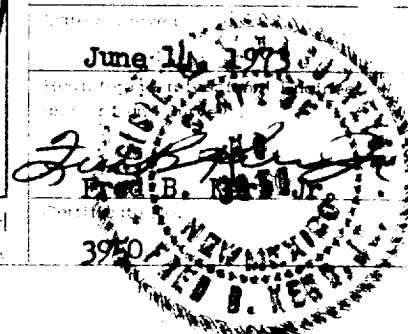


CERTIFICATION

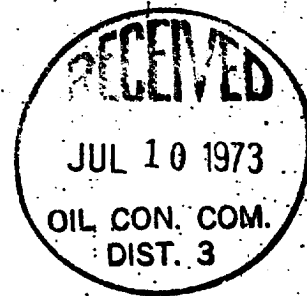
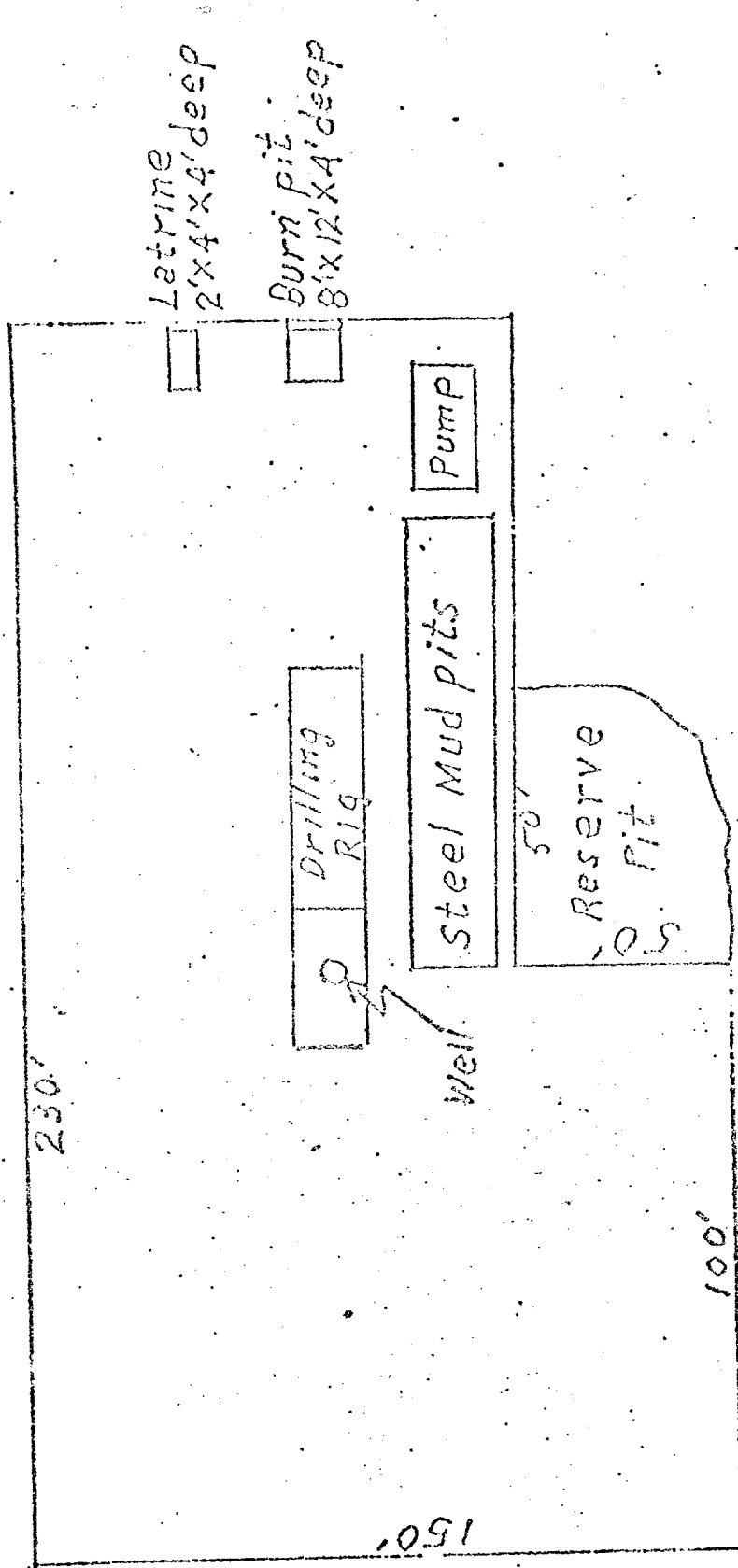
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name *A. G. Spence*
 Position **Drilling Clerk**
 Company **El Paso Natural Gas**
 Date **July 6, 1970**

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.

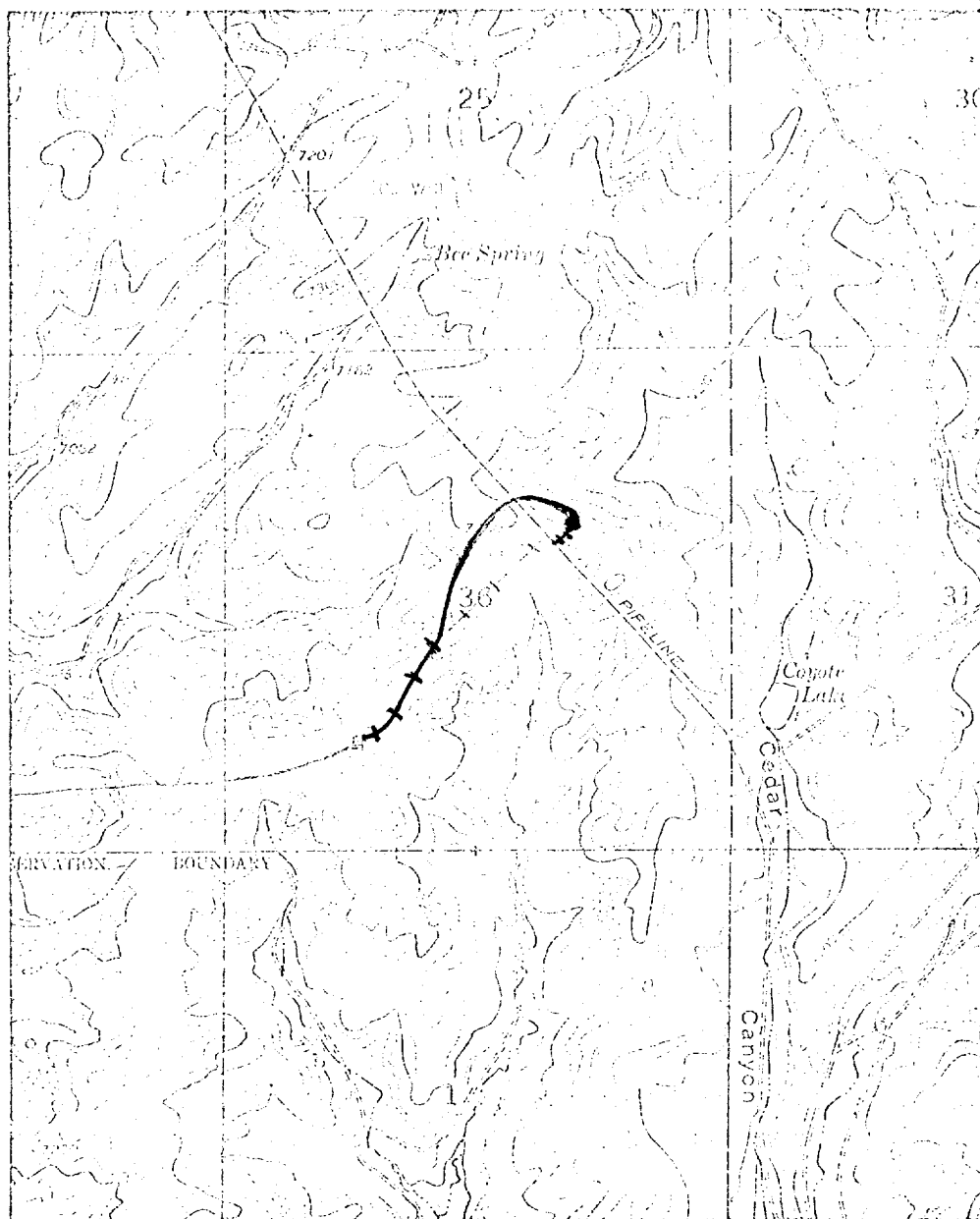


San Juan 37-11 West No. 67



SAN LUCAS 27-4 UNIT No. 67

NE 1/4 Sec. 36, T-27 N, R-4 W



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	+++++