

# El Paso Natural Gas Company

El Paso, Texas 79909

April 16, 1974

ADDRESS REPLY TO  
POST OFFICE BOX 990  
FARMINGTON NEW MEXICO 87401

Mr. A. L. Porter, Secretary and Director  
New Mexico Oil Conservation Commission  
Post Office Box 2088  
Santa Fe, New Mexico 87501

Dear Mr. Porter:

This is a request for administrative approval for an unorthodox gas well location in the Basin Dakota pool. Terrain features make an orthodox location and access road expensive to build and maintain.

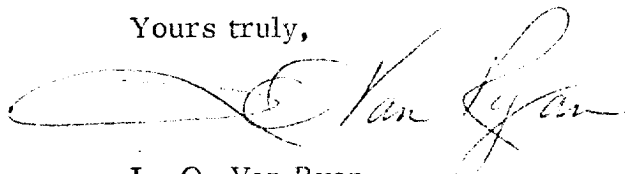
It is intended to locate the El Paso Natural Gas Company San Juan 27-4 Unit #97 1815' from the South line and 400' from the East line of Section 10, T-27-N, R-4-W, NMPM, Rio Arriba County, New Mexico. The East half of Section 10 is dedicated to this well.

The terrain in the East half of Section 10 is very rough with Arroyo Companero crossing it. An orthodox location would require an access road having a wash crossing with a steep grade which would be expensive to build and to maintain. Maintenance would be expensive because of erosional problems encountered. The Forest Service has also requested moving the location to prevent additional erosional problems. For these reasons it is requested that the unorthodox location be approved.

All of the offsetting proration units are included in units of which El Paso Natural Gas Company is the operator.

Plats showing the proposed well location with terrain features and operator of offset leases are attached.

Yours truly,



L. O. Van Ryan  
Chief Division Drilling Engineer

LOVR:pb

cc: Emery Arnold w/attachments  
Jim Permenter w/attachments  
Jerry Long w/attachments



# El Paso Natural Gas Company

El Paso, Texas 79978

April 16, 1974

ADDRESS REPLY TO  
POST OFFICE BOX 9901  
FARMINGTON NEW MEXICO 87401

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

Re: Application for Permit to Drill  
San Juan 27-4 Unit #97  
SE/4 Section 10, T-27-N, R-4-W  
Basin Dakota

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 the following location: a water hole located in the NW/4 of Section 17, T-27-N, R-4-W.

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,

*D. G. Brisco*

D. G. Brisco  
Drilling Clerk

pb



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

1815'S, 400'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 drig. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320.00

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

19. PROPOSED DEPTH

8141'

20. ROTARY OR CABLE TOOLS

Rotary

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

6792'GL

22. APPROX. DATE WORK WILL START\*

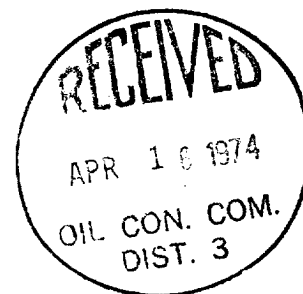
23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4"	9 5/8"	32.3#	200'	225 cu. ft. to circulate to surface
8 3/4"	7"	20.0#	4030'	200 cu. ft. to cover Ojo Alamo
6 1/4"	4 1/2"	10.5# & 11.6#	8141'	620 cu. ft. to fill to 4030'

Selectively perforate and sandwater fracture the Dakota formation.

Forest approval has been secured.

The E/2 of Section 10 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 [Signature] TITLE Drilling Clerk DATE April 16, 1974

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

## 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.

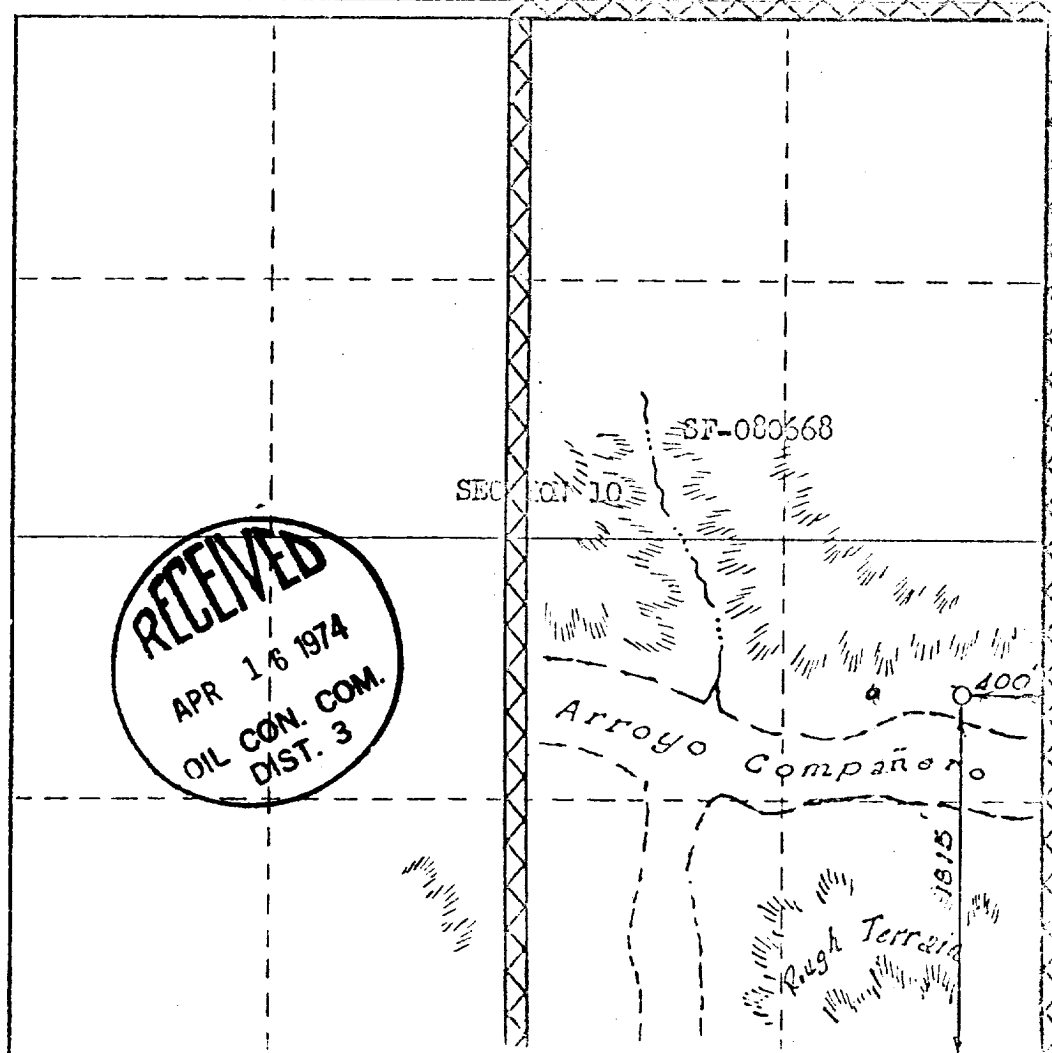
Operator <b>EL PASO NATURAL GAS COMPANY</b>		Lease <b>SAN JUAN 27-4 UNIT (SF-080668)</b>		Well No. <b>97</b>
Unit Letter <b>I</b>	Section <b>10</b>	Township <b>27-N</b>	Range <b>4-W</b>	County <b>RIO ARriba</b>
Actual Postage Location of Well: <b>1815</b> feet from the <b>SOUTH</b> line and <b>400</b> feet from the <b>EAST</b> line				
Ground Level Elev. <b>6797</b>	Producing Formation <b>DAKOTA</b>	Pool <b>BASIN DAKOTA</b>	Dedicated Acreage: <b>320.00</b> 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. NOTE: THIS PLAT REISSUED TO SHOW MOVED LOCATION AT FOREST RANGERS REQUEST. 4-11-74



## CERTIFICATION

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

Name Original Signed by  
D. G. Brisco

Position  
Drilling Clerk

Company  
El Paso Natural Gas Company

Date  
April 16, 1974

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.

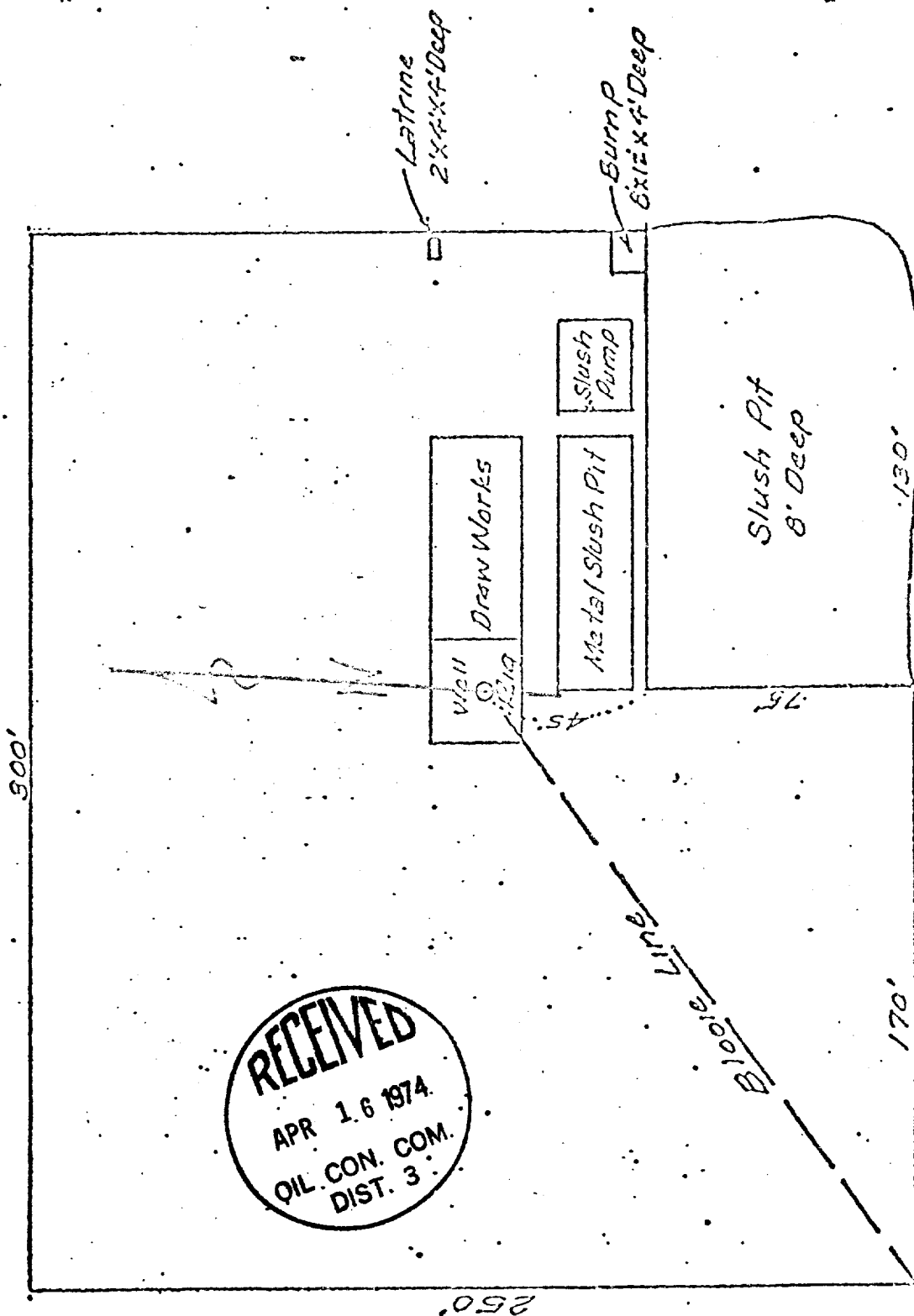
Date Surveyed  
NOVEMBER 19, 1973

Registered Professional Engineer and/or Land Surveyor

*[Signature]*  
1750

0 300 600 900 1200 1500 1800 2100 2400 2700 3000 3300 3600 3900 4200 4500 4800 5100 5400 5700 6000

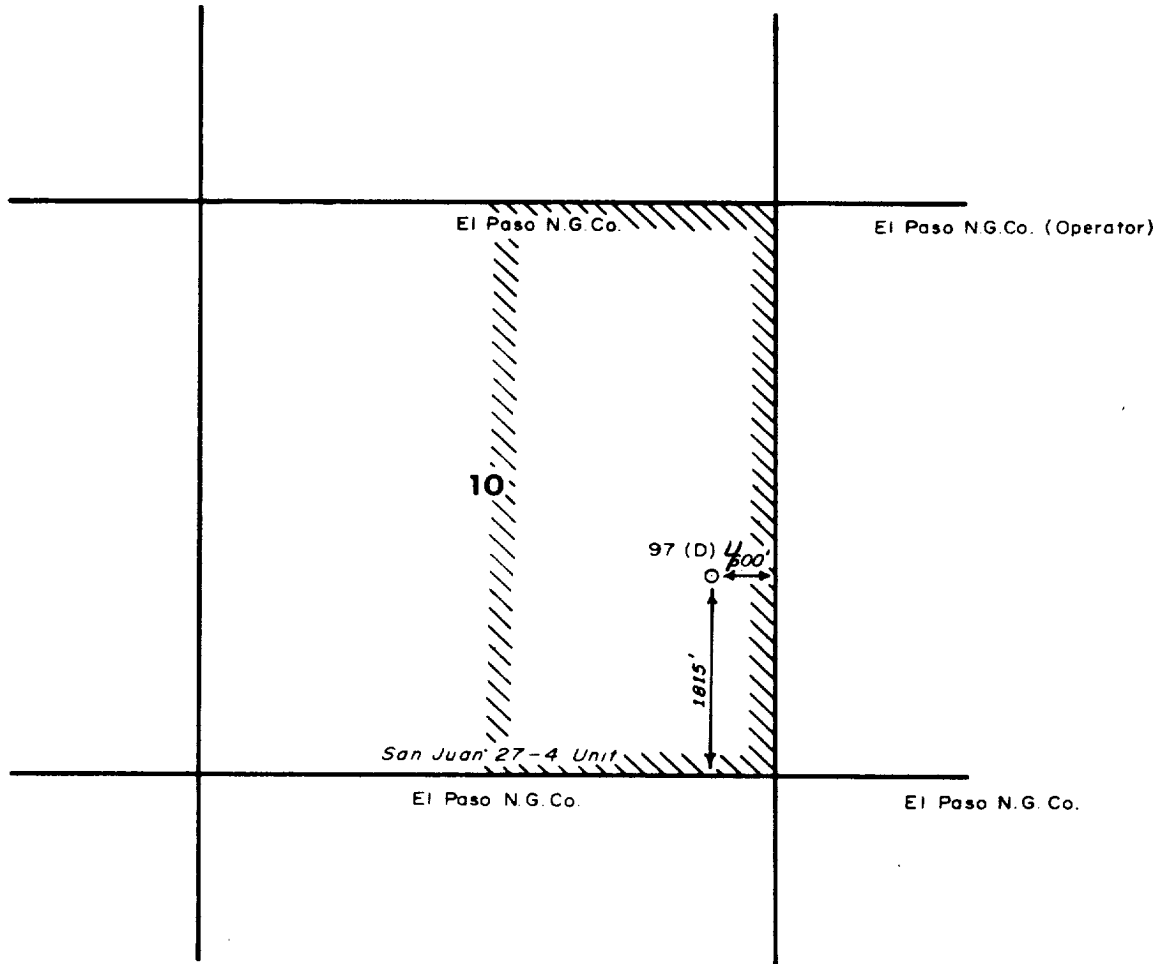
SAN JUAN 27-4 UNIT No. 97



R 4 W

El Paso N.G. Co.

El Paso N.G. Co. (Operator)



T  
27  
N



					ENG. REC.		DATE
					DRAWN	J. H.	1/10/74
					CHECKED		
					CHECKED		
					PROJ. APP.		
					DESIGN		
PRT.	SEP.	DATE	TO	W.O.	W.O.		

PRINT RECORD		
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El Paso Natural Gas Company	
DAKOTA OWNERSHIP	
Offsetting E.P.N.G. 97 San Juan 27-4 Unit, S10 - 27N-4W	
Rio Arriba Co., New Mexico	
SCALE: 3" = 1 mi.	DWG. NO.
REV.	