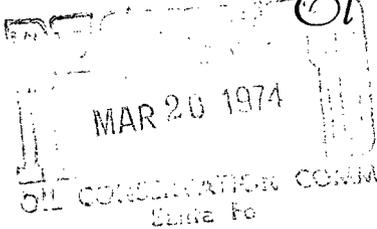


El Paso Natural Gas Company

El Paso, Texas 79999

March 18, 1974

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



*NSL-650*

*Due Apr 19*

*104 F*

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 #94 454' from the South line and 950' from the West line of Section 3, T-27-N, R-4-W, NMPM, Rio Arriba County, New Mexico. The West half of Section 3 is dedicated to this well.

The terrain in the West half of Section 3 is very rough. An orthodox location would require an access road with a greater than 12% grade which would be expensive to build and to maintain. Maintenance would be expensive because of erosional problems encountered in roads with this steep of a grade. 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 except Section 34, T-28-N, R-4-W, which is operated by Amoco Production. Amoco Production has been notified by certified mail of this request.

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

March 18, 1974

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: Application for Permit to Drill  
San Juan 27-4 Unit #94  
SW/4 Section 3, 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  
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  
 At proposed prod. zone 454'S, 950'W

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

10. 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

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 319.44

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

19. PROPOSED DEPTH  
 8151'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 6806'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#	4005'	200 cu. ft. to cover Ojo Alamo
6 1/4"	4 1/2"	10.5#&11.6#	8151'	620 cu. ft. to fill to 4005'.

Selectively perforate and sandwater fracture the Dakota formation.

Forest approval has been secured.

The W/2 of Section 3 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 D. G. Suico TITLE Drilling Clerk DATE March 18, 1974

(This space for Federal or State office use)

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

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

N. 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.

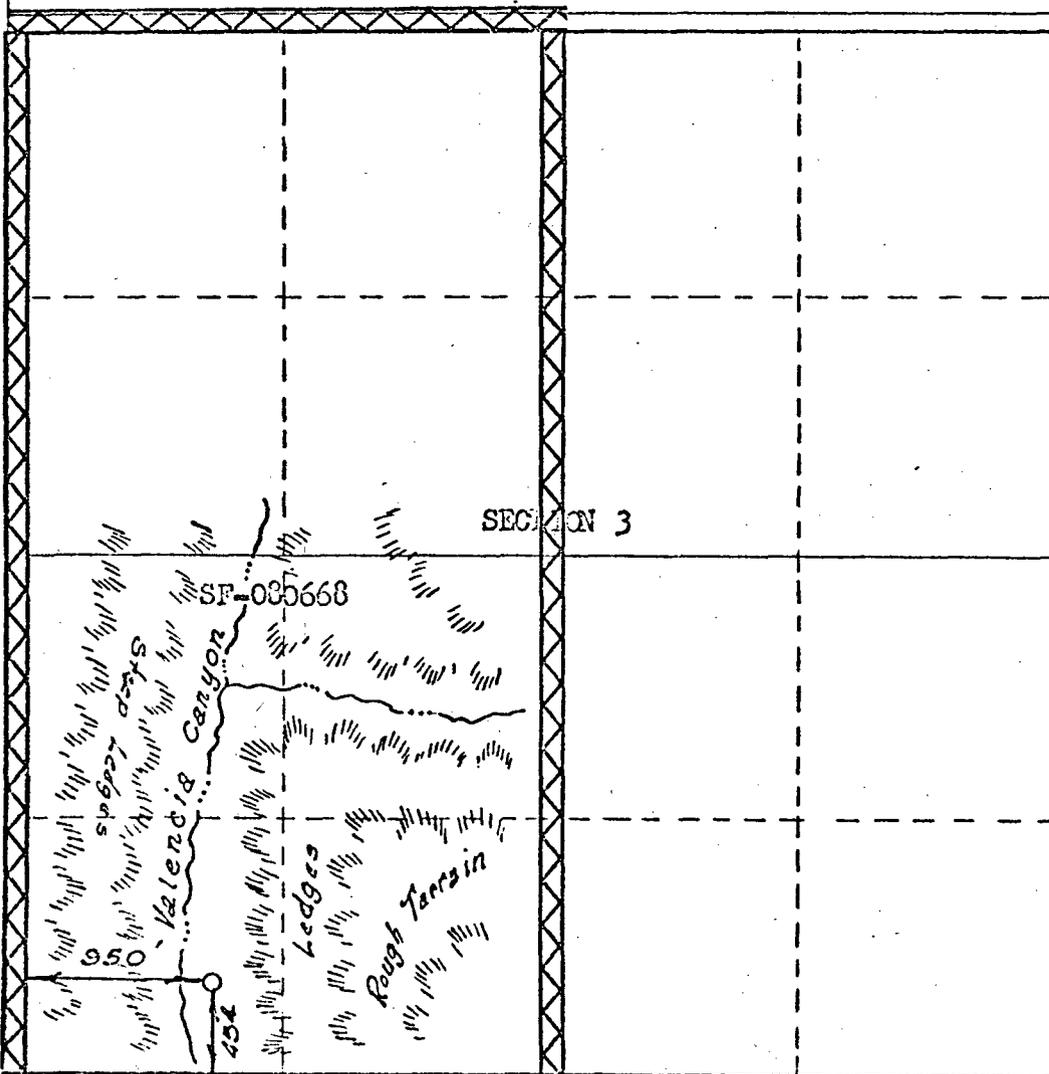
Operator <b>EL PASO NATURAL GAS COMPANY</b>		Lease <b>SAN JUAN 27-4 UNIT (SF-080668)</b>		Well No. <b>94</b>
Unit Letter <b>M</b>	Section <b>3</b>	Township <b>27-N</b>	Range <b>4-W</b>	County <b>RIO ARriba</b>
Actual Footage Location of Well: <b>454</b> feet from the <b>SOUTH</b> line and <b>950</b> feet from the <b>WEST</b> line				
Ground Level Elev. <b>6806</b>	Producing Formation <b>DAKOTA</b>	Pool <b>BASIN DAKOTA</b>	Dedicated Acreage: <b>319.44</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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.

*A. G. Biscoe*

Name

Drilling Clerk

Position

El Paso Natural Gas Co.

Company

March 18, 1974

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.

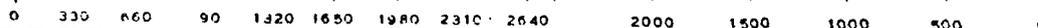
Date Surveyed

NOVEMBER 19, 1973

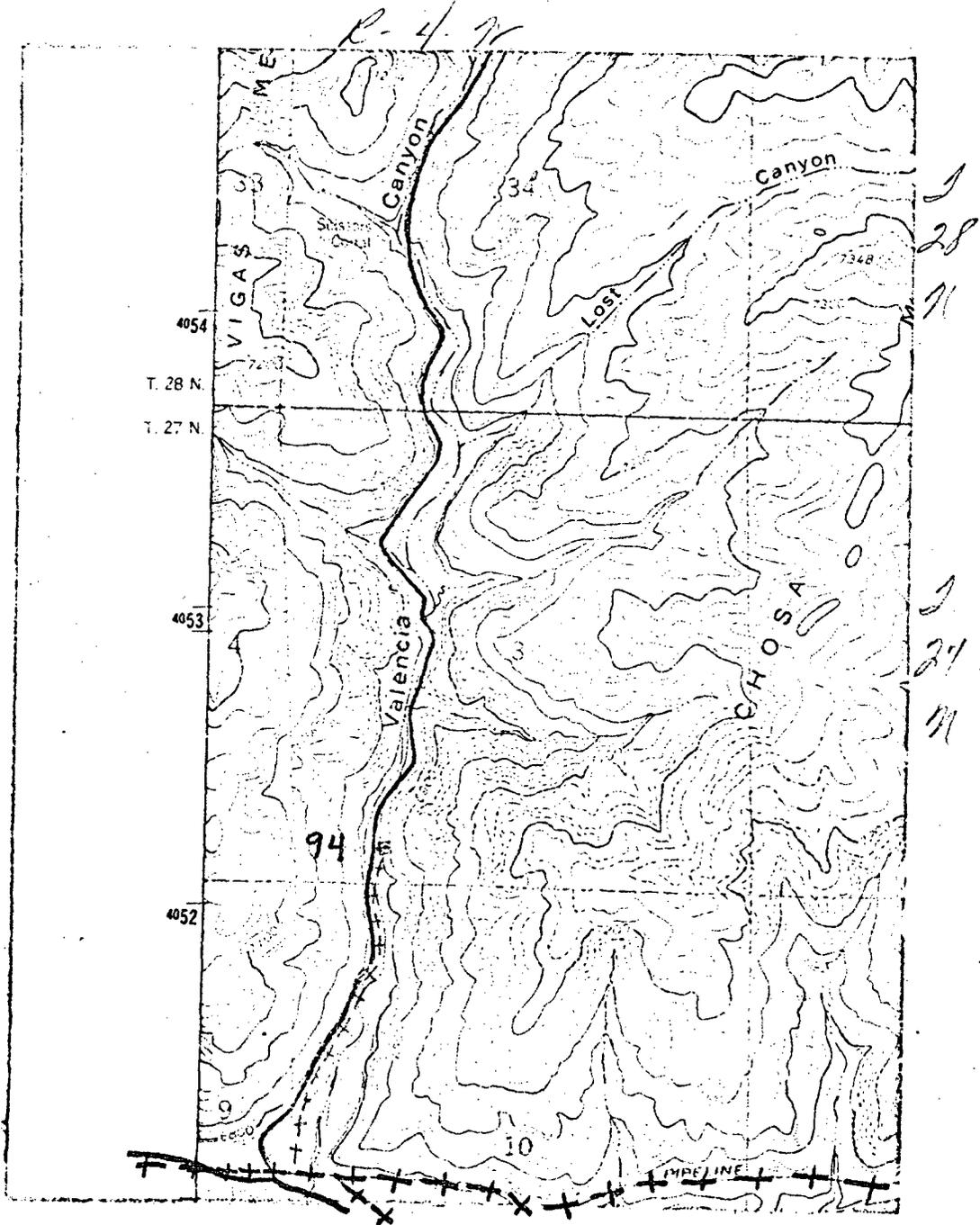
Registered Professional Engineer and/or Land Surveyor

*Paul Wilburn*

Certificate No. 1760



*San Juan 29-4 Unit No. 94  
 SWS 1/4 Sec 3, T-27-N, R-4-W*



**LEGEND OF RIGHT-OF-WAYS**

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

SAN JUAN 27-4 Unit No. 94

