

El Paso Natural Gas Company
El Paso, Texas 79999
March 18, 1974

MAR 20 1974
OIL CONSERVATION COMM
Santa Fe

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.

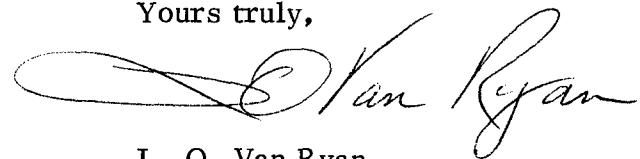
It is intended to locate the El Paso Natural Gas Company San Juan 27-4 Unit #94 454' from the South line and 950' from the West line of Section 3, T-27-N, R-4-W, NMPM, Rio Arriba County, New Mexico. The West half of Section 3 is dedicated to this well.

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

R 4 W

El Paso N.G. Co.

Amoco

33

San Juan 28-4 Un.

T 28 N

El Paso N.G. Co.

El Paso N.G. Co.

T 27 N

59

T
27
N

San Juan 27-4 Un.

El Paso N.G. Co.


94 (D)

950'

454'

San Juan 27-4 Unit

El Paso N.G. Co.

					ENG. REC.		DATE		 El Paso Natural Gas Company DAKOTA OWNERSHIP Offsetting E.P.N.G. 94 San Juan 27-4 Unit, S 3 - 27 N-4W Rio Arriba Co., New Mexico			SCALE: 3" = 1 mi.		DWG. NO.		REV.																							
					DRAWN		J.H.											1/10/74																					
					CHECKED																																		
					CHECKED																																		
					PROJ. APP.																																		
PRT.					SEP.					DATE					TO					W.O.					DESIGN														
PRINT RECORD										W.O.																													

El Paso Natural Gas Company

El Paso, Texas 79978

March 18, 1974

ADDRESS REPLY TO
POST OFFICE BOX 980
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

454'S, 950'W

At proposed prod. zone

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. E. Buices

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:

*See Instructions On Reverse Side

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

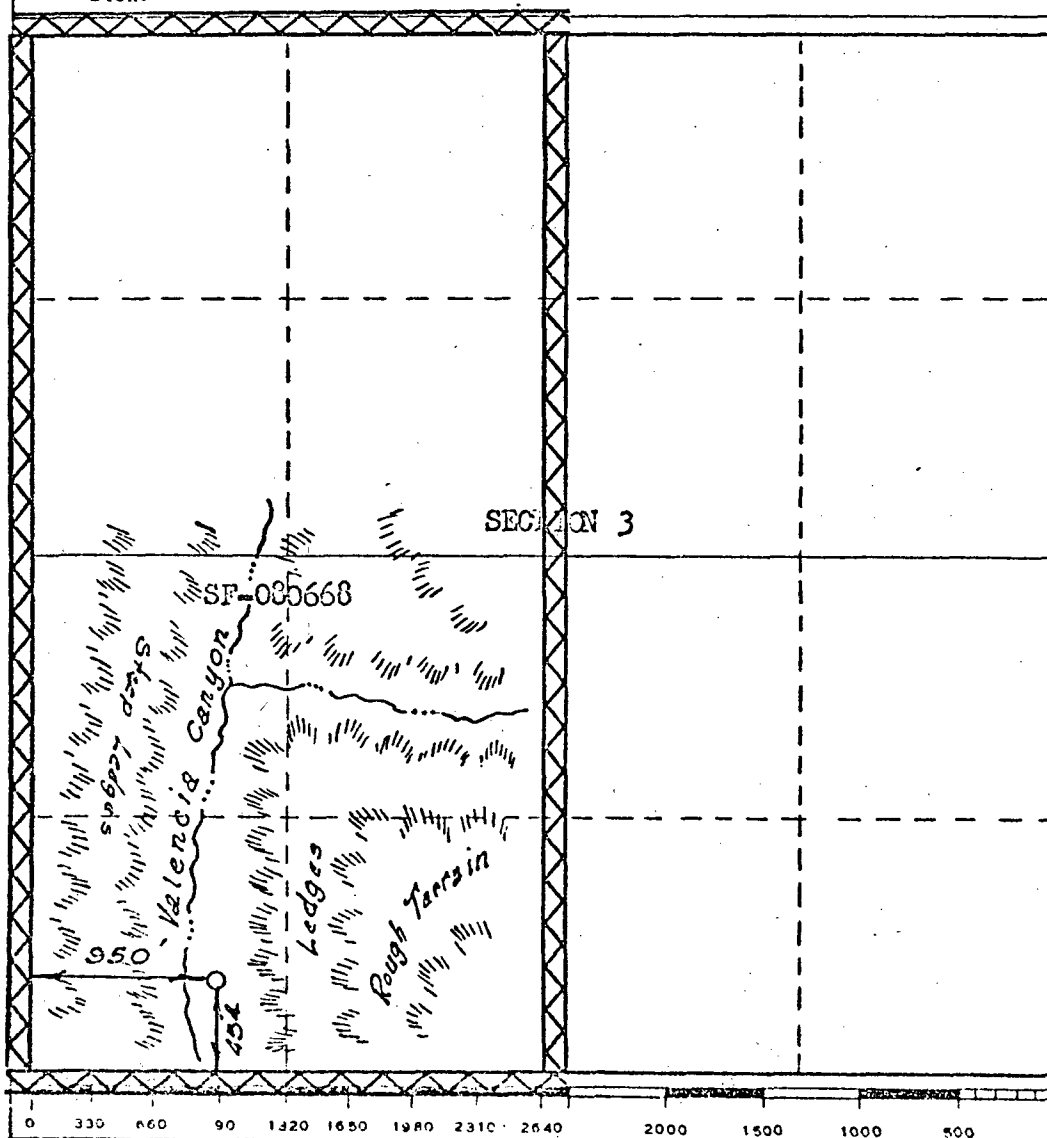
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is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

Unitization

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

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

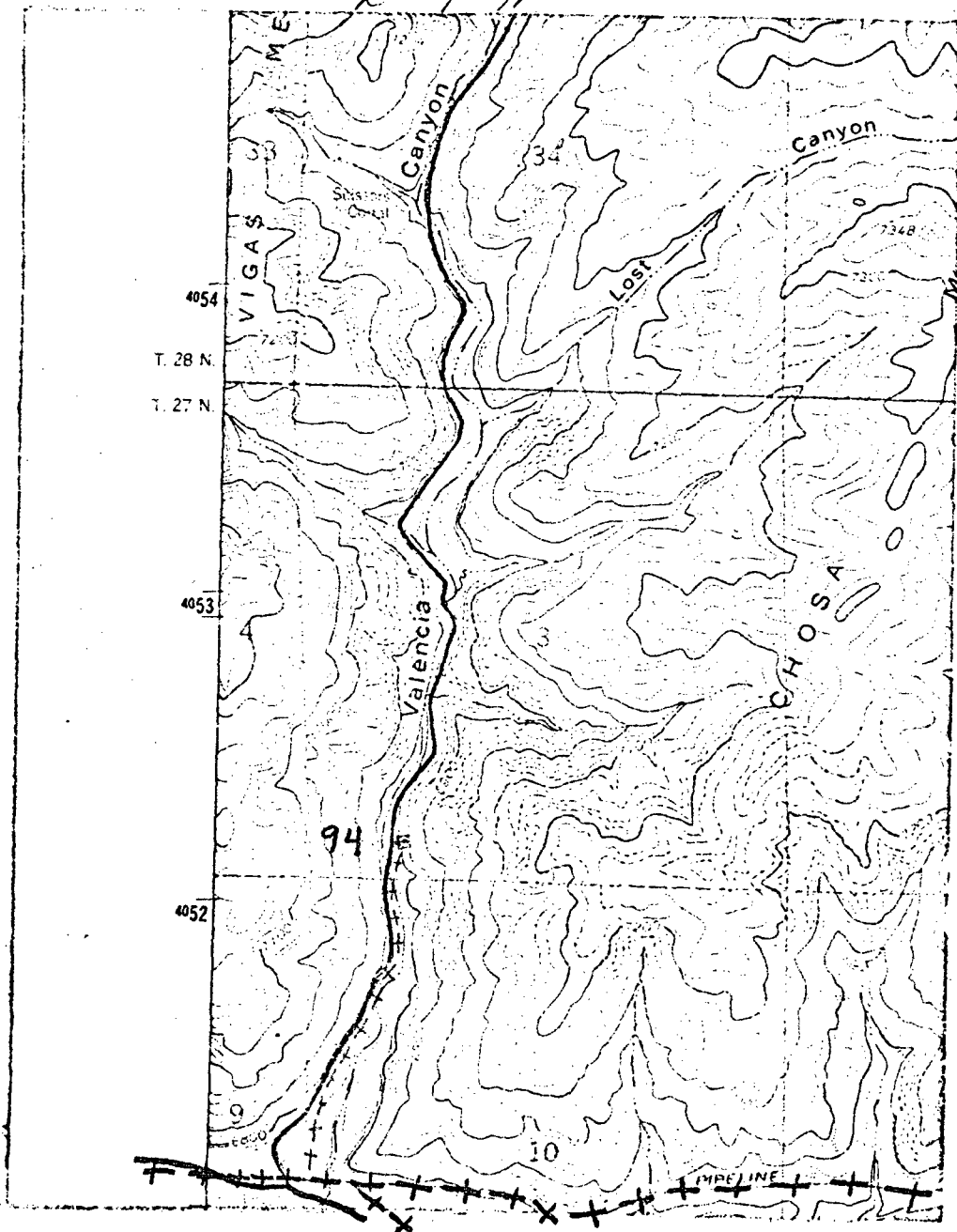
Registered Professional Engineer
and/or Land Surveyor

Paul W. Wilson

Certificate No. **1760**

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

R. 4. 7r



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

+

E - E

11

1990

SAN JUAN 27-4 Unit No. 94

