

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
P.O. Box 289, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface
1190'S, 800'W
At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.
SF 080674

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
San Juan 27-4 Unit

8. FARM OR LEASE NAME
San Juan 27-4 Unit

9. WELL NO.
149

10. FIELD AND POOL, OR WILDCAT
Blanco Mesa Verde

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
M. Sec. 22, T-27-N, R-4-W
NMPM

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
12 miles SW of Gabernador, NM

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
800' W

16. NO. OF ACRES IN LEASE
unit

17. NO. OF ACRES ASSIGNED TO THIS WELL
W320.00

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
300'

19. PROPOSED DEPTH
6614'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
7124' GL

22. APPROX. DATE WORK WILL START*

23. PROPOSED CASING AND CEMENTING PROGRAM

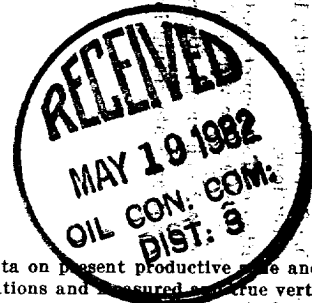
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4"	9 5/8"	36.0# 32.3	200'	224 cf. to circ.
8 3/4"	7"	20.0#	4391'	288 cf. to cover Ojo Alamo
6 1/4"	4 1/2" Liner	10.5#	4241-6614'	417 cf. to circ. liner

Selectively perforate and sandwater fracture the Mesa Verde formation.

A 3000 psi WP and 6000 psi test double gate preventer equipped with blind and pipe rams will be used for blow out prevention on this well.

This gas is dedicated.

The W/2 of Section 22 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 true vertical depths. Give blowout preventer program, if any.

24. SIGNED A. G. Guisco TITLE Drilling Clerk DATE January 27, 1982

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

APPROVED
AS AMENDED
DATE
MAY 17 1982
JAMES F. [Signature]
DISTRICT ENGINEER

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

Operator EL PASO NATURAL GAS COMPANY			Lease SAN JUAN 27-4 UNIT (SF-080674)		Well No. 149
Unit Letter M	Section 22	Township 27 NORTH	Range 4 WEST	County RIO ARriba	

Actual Footage Location of Well:
1190 feet from the **SOUTH** line and **800** feet from the **WEST** line

Ground Level Elev. 7124.0	Producing Formation MESA VERDE	Pool BLANCO MESA VERDE	Dedicated Acreage: W 320.00 Acres
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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?

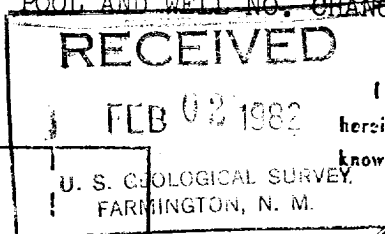
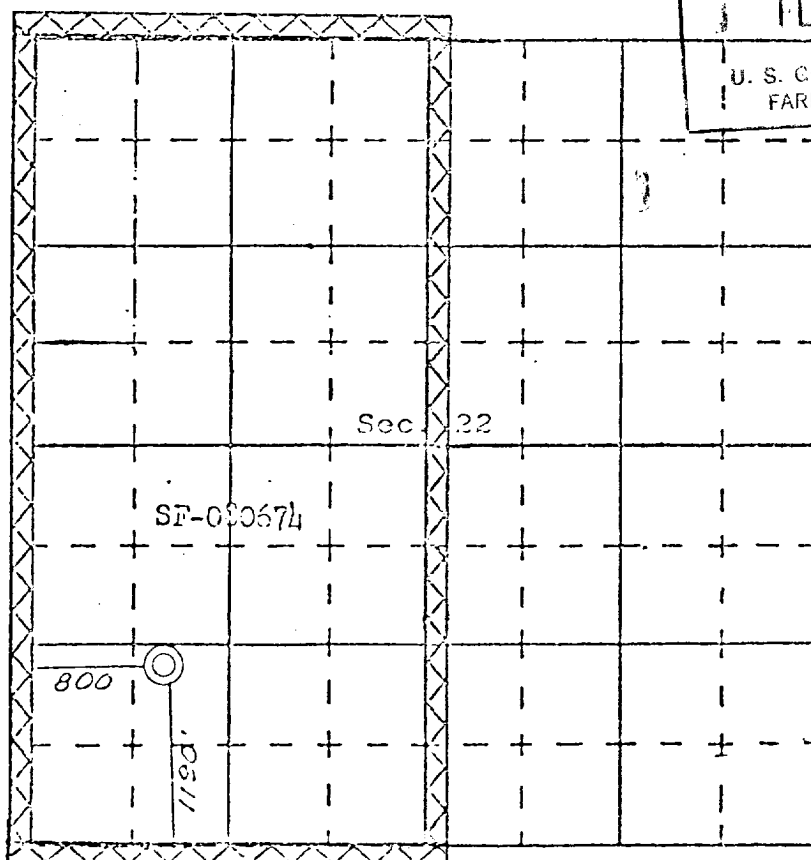
Unitization

(☒) Yes () No If answer is "yes," type of consolidation

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

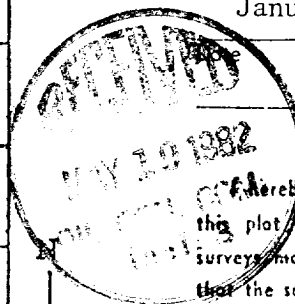
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.

PLAT REISSUED TO SHOW PRODUCING FORMATION, POOL AND WELL NO. CHANGES 9-11-81
CERTIFICATION



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

M. G. Duises
 Name _____
 Drilling Clerk
 Position _____
 El Paso Natural Gas Company
 Company _____
 January 27, 1982

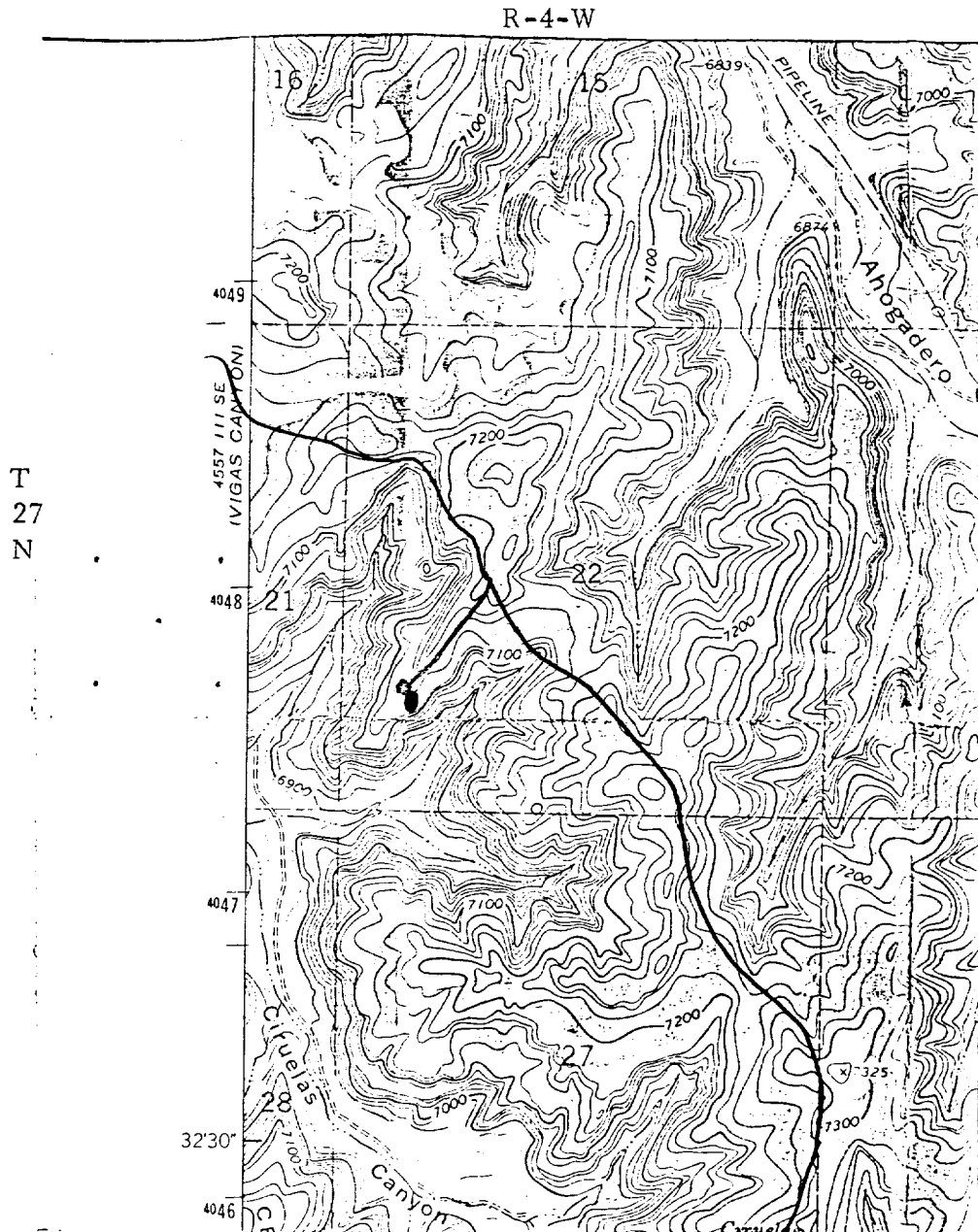


I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

22 October, 1973

Date Surveyed _____
James P. Leese
 Registered Professional Engineer
 and/or Land Surveyor
JAMES P. LEESE
1463
 Certificate No.

EL PASO NATURAL GAS COMPANY
 San Juan 27-4 Unit #149
 SW 22-27-4



MAP #1

LEGEND OF RIGHT-OF-WAYS

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