

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
Box 990, Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 1650'S, 1700'W
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 drlg. line, if any)

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

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
7269'GL, 7279'DF

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#	150	130 Sks.
8 3/4"	7"	20#	4370	175 Sks.
6 1/4"	4 1/2" Liner	10.5#	6420	200 Sks.

It is intended to drill a well using mud circulation to 4370', set intermediate casing, then gas drill to total depth of 6420' and set liner. Possible producing zones in the Pictured Cliffs and Mesa Verde formations will be perforated and fractured, then the well will be dually completed.

The SW/4 of Section 36 is dedicated to the Pictured Cliffs formation
The W/2 of Section 36 is dedicated to the Mesa Verde formation.

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 OR'G'NAL SIGNED E. S. OBERLY TITLE Petroleum Engineer DATE 5-21-64

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY [Signature] TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

5. LEASE DESIGNATION AND SERIAL NO.
SF 079527

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.
36 (PM)

10. FIELD AND POOL, OR WILDCAT
Tapicito P.C. Ext & Blanco M. V.

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 36, T-27-N, R-4-W N.M.P.M.

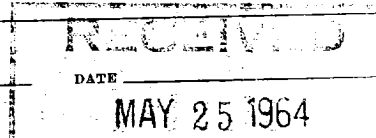
12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

17. NO. OF ACRES ASSIGNED TO THIS WELL
160 PC, 320 MV

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*



Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

Section A.

Date **MAY 5, 1964**

Operator **EL PASO NATURAL GAS COMPANY** Lease **SAN JUAN 27-4 UNIT** **SF-079527**
 Well No. **36(PM)** Unit Letter **K** Section **36** Township **27-N** Range **4-W** NMPM
 Located **1650** Feet From **SOUTH** Line, **1700** Feet From **WEST** Line
 County **RIO ARRIBA** G. L. Elevation **7269** Dedicated Acreage **160 & 320** Acres
 Name of Producing Formation **PICTURED CLIFFS & MESA VERDE** Pool **TAPICITO P. C. EXT & BLANCO M. V.**

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?
 Yes **XX** No _____
2. If the answer to question one is "no", have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes _____ No _____. If answer is "yes", Type of Consolidation, _____
3. If the answer to question two is "no", list all the owners and their respective interests below:

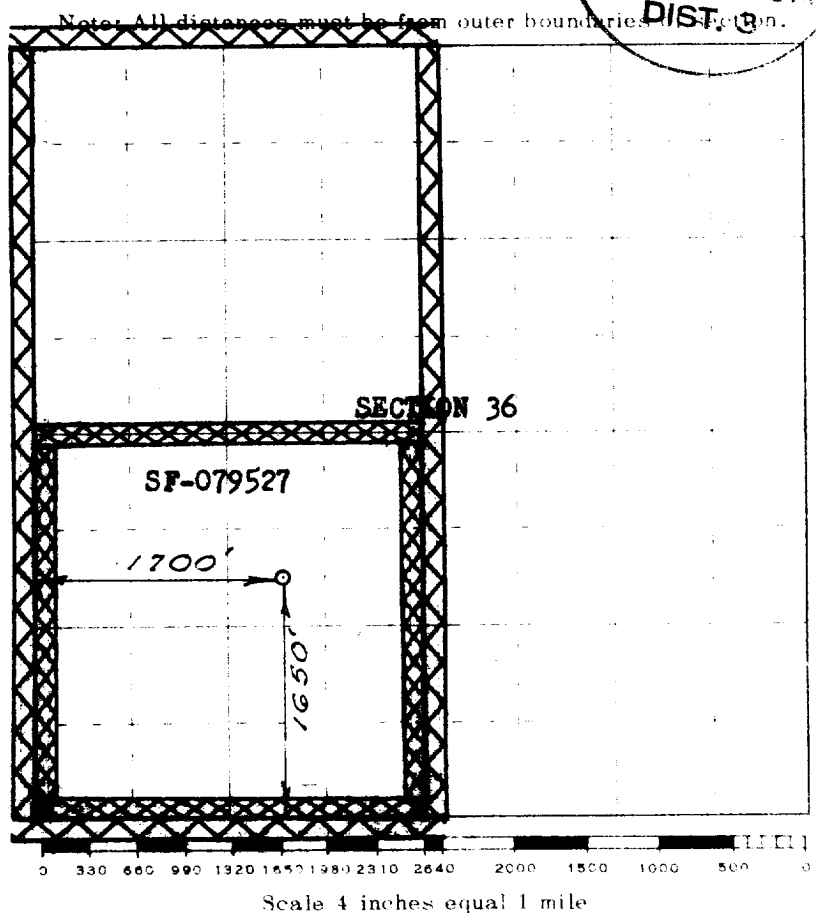
Owner	Land Description



Section B.

This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

El Paso Natural Gas Company
 (Operator)
OR. G. NAL SIGNED E. S. OBERLY
 (Representative)
Box 990
 (Address)
Farmington, New Mexico



This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

(Seal)

Date Surveyed **MARCH 23, 1964**

Farmington, New Mexico

Russell H. McKeane
 Registered Professional Engineer and/or Land Surveyor