

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

1783'N, 1090'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 drlg. line, if any)

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

7131'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

302.72

20. ROTARY OR CABLE TOOLS

Rotary & Cable

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

6432'GL

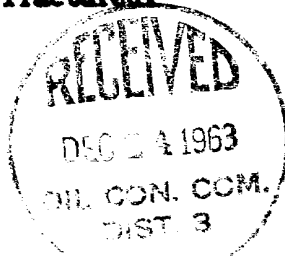
22. APPROX. DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20"	16"	.275" Wall	32.50'	15 Sacks
13 3/4"	9 5/8"	32.75#	300'	200 Sacks
8 3/4"				
7 7/8"	5.5 & 4.5"	15.5# & 11.6#	7131'	930 sacks - 3 stages

It is intended to drill a well with cable tools and set conductor casing and then drill with rotary tools using mud circulation to total depth. The well will be dually completed in the Mesa Verde & Dakota formations. Possible producing zones in each formation will be perforated & fractured.



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U. S. GEOLOGICAL SURVEY

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.

ORIGINAL SIGNED E. S. OBERLY

SIGNED

TITLE Petroleum Engineer

DATE 12-23-63

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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.

Well Location and Acreage Dedication Plat

Section A.

Date **October 16, 1963**

Operator **EL PASO NATURAL GAS COMPANY** Lease **TURNER HUGHES** SF **078050**
 Well No. **14 (MD)** Unit Letter **H** Section **4** Township **27N** Range **9W** NMPM
 Located **1783** Feet From **North** Line **1090** Feet From **East** Line
 County **San Juan** G. L. Elevation **6416** Dedicated Acreage **E/2 302.72** Acres
 Name of Producing Formation **Mesa Verde - Dakota** Pool **Blanco Mesa Verde - Basin Dakota**

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?

Yes ☐ 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:

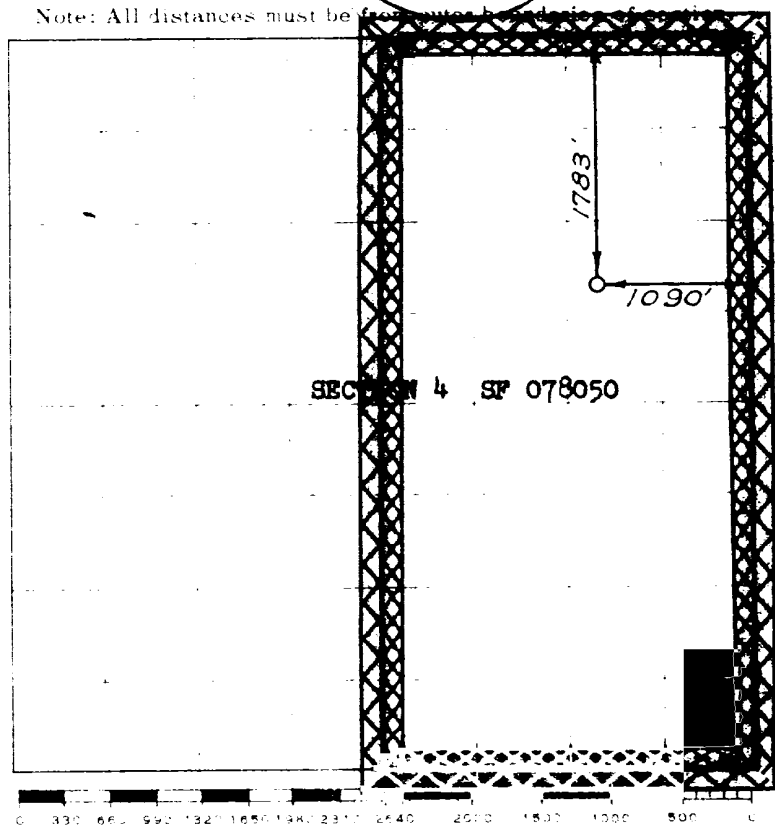
Owner



Section B.

Note: All distances must be in feet and rounded to the nearest foot.

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**ORIGINAL SIGNED E. S. OBERLY****Box 990 (Representative)****Farmington, New Mexico**

Scale 4 inches equal 1 mile

NOTE: THIS PLAT IS REISSUED TO
SHOW CORRECTED POOL
DESIGNATION.

11 18 63

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 **OCTOBER 17, 1963**

Richard C. Oberly
Registered Professional Engineer and/or Land Surveyor

Farmington, New Mexico