

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 - 87501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

990'N, 1800'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. unit line, if any)

16. NO. OF ACRES IN LEASE

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

19. PROPOSED DEPTH

6975'

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

6506' GL

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
<u>12 1/4"</u>	<u>8 5/8"</u>	<u>24#</u>	<u>300'</u>	<u>210 Sks. to circulate</u>
<u>7 7/8"</u>	<u>4 1/2"</u>	<u>10.5#</u>	<u>6975'</u>	<u>610 Sks. - 3 Stages</u>

Cementing Program:

First Stage w/270 sacks cement to fill from total depth to top of Gallup.

Second Stage w/175 sacks cement to cover the Mesa Verde.

Third Stage w/165 sacks cement to fill to base of Ojo Alamo.

The Dakota formation will be selectively perforated and sand water fractured.

The W/2 of Section 6 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

Original Signed F. H. WOOD

TITLE

Petroleum Engineer

DATE

1-18-67

(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

5. LEASE DESIGNATION AND SERIAL NO.

MM 03017

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Huerfano Unit

8. FARM OR LEASE NAME

Huerfano Unit

9. WELL NO.

156

10. FIELD AND POOL, OR WILDCAT

Basin Dakota11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREASec. 6, T-26-N, R-9-WN.M.P.M.

12. COUNTY OR PARISH

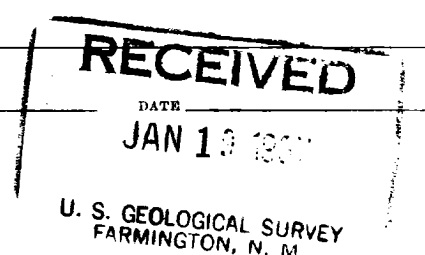
13. STATE

San JuanNew Mexico17. NO. OF ACRES ASSIGNED
TO THIS WELL328.22

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 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 plat, separate or on this reverse side, showing the road 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 ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

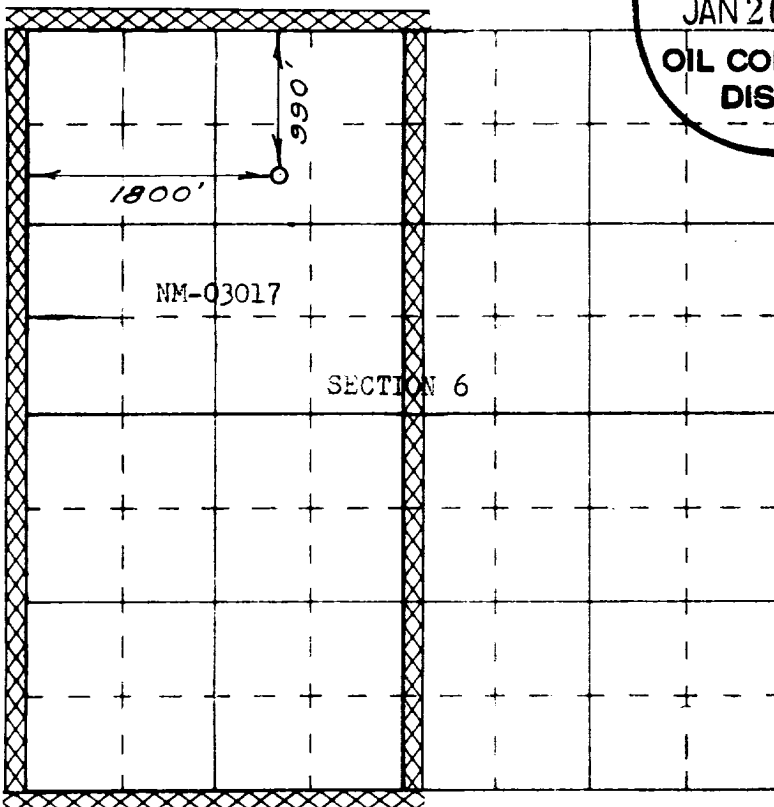
Operator **EL PASO NATURAL GAS COMPANY** Lease **HUERFANO** Well No. **156**
 Unit Letter **C** Section **6** Township **26-N** Range **9-W** County **SAN JUAN**
 Actual Footage Location of Well **990** feet from the **NORTH** line **1800** feet from the **WEST** line
 Surveyed by **6506** Recorded by **DAKOTA** Basin **BASIN DAKOTA** Distance to Avenue **328.22** Acres **156**

- Outline the acreage dedicated to the subject well by colored pencil or hash mark on the plat below.
- If more than one well is dedicated to the well, state each and identify the working interest and royalty.
- If more than one lease of different wells is dedicated to the well, note the interests of all owners being dedicated by communitization, unitization, force-pooling, etc.

☒ Yes ☐ No If answer is yes, list the communitization **Unitization**

If answer is "No," list the owners and tract descriptions which have actually conserved. (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, force-pooling, or otherwise, or until a non-statutory unit is established, such interest shall be referred to the Commission.



N

CERTIFICATION

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

Original Signed **F. H. WOOD**
Petroleum Engineer
El Paso Natural Gas Company
January 18, 1967

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.

Signed **JANUARY 6, 1967**
 Registered Professional Engineer
 and Licensed Surveyor

David O. Wilcox
 Certificate No. **1760**