

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

10 647 20437

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.
SF 079231

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Huerfano Unit

8. FARM OR LEASE NAME
Huerfano Unit

9. WELL NO.
189

10. FIELD AND POOL, OR WILDCAT
Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
**Sec. 7, T-25-N, R-9-W
N.M.P.M.**

12. COUNTY OR PARISH
San Juan

13. STATE
New Mexico

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 **1600'S, 855'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
322.33

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

19. PROPOSED DEPTH
6875'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6879' GL

22. APPROX. DATE WORK WILL START*

23. PROPOSED CASING AND CEMENTING PROGRAM

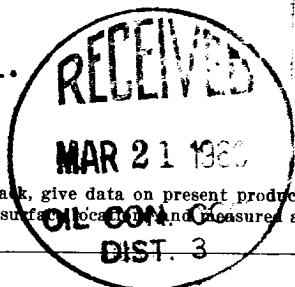
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	200'	160 Sks. to circulate
7 7/8"	4 1/2"	10.5#	200' 6875'	645 Sks. - 3 Stages

Production Casing Cementing:

First Stage w/260 sacks to fill from total depth to the top of the Ballup.
 Second Stage w/220 sacks to cover the Mesa Verde
 Third Stage w/165 sacks to cover the Pictured Cliffs

Selectively perforate and sand-water frac the Dakota formation.

The S/2 of Sec. 7 is dedicated to this well.



RECEIVED
MAR 21 1969
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

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 location and measure and true vertical depths. Give blowout preventer program, if any.

24. Original signed by Carl E. Matthews TITLE Petroleum Engineer DATE 3-20-69

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY AKal 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.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Supervisor, Office
of the Commission

All distances must be from the outer boundaries of the plat.

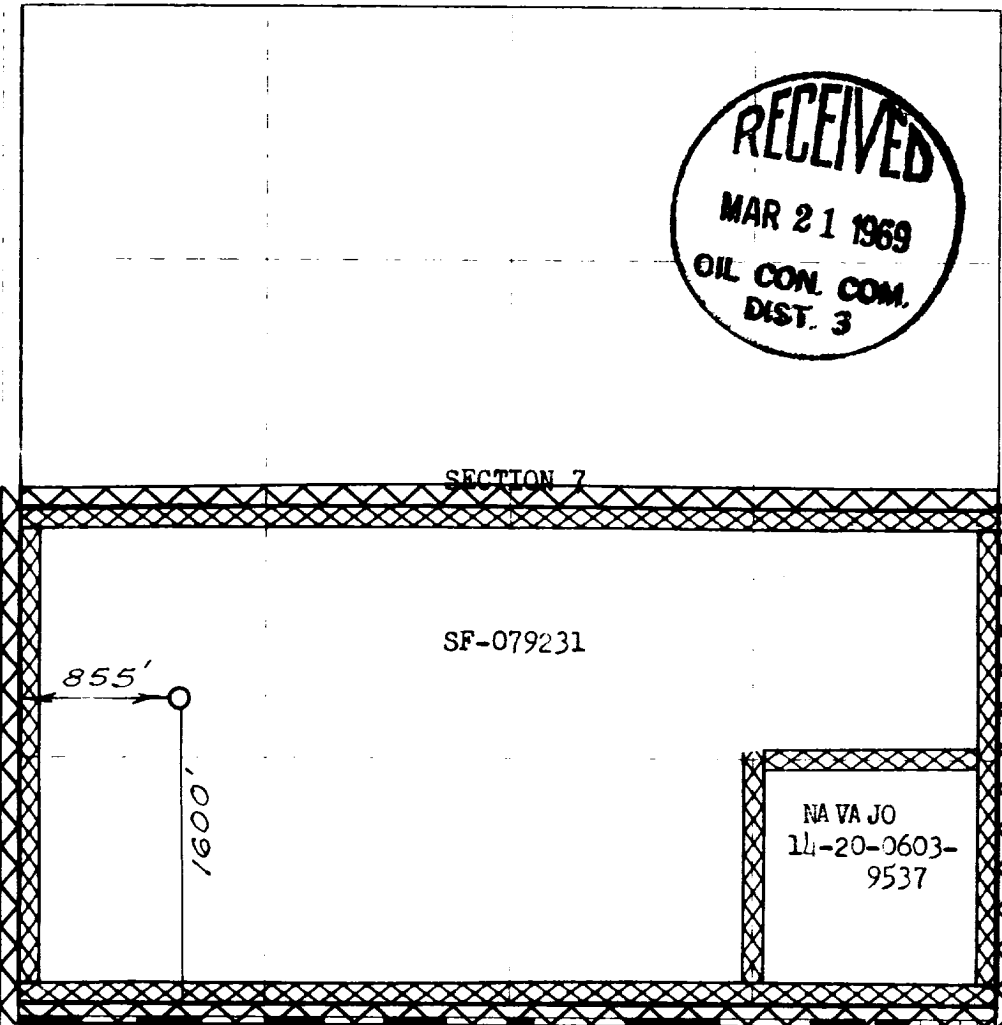
EL PASO NATURAL GAS COMPANY		HUERFANO UNIT (SF-079231)		189
L	7	25-N	9-W	SAN JUAN
1600	SOUTH		855	WEST
6879	DAKOTA		BASIN DAKOTA	322.33

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat.
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, forced-pooling, etc.?

Yes No If answer is "yes," type of consolidation: Unitization

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.

Original signed by
Carl E. Matthews
Petroleum Engineer

El Paso Natural Gas Company

March 20, 1969

I hereby certify that the well location shown on this plat is located from the intersection of the survey lines to me or my authorized representative, and that the same is in accordance with the surveying map on file.

NOVEMBER 26, 1968

Paul Okliver
1760