

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.
SF 077935

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Huerfano Unit

8. FARM OR LEASE NAME
Huerfano Unit

9. WELL NO.
173E

10. FIELD AND POOL, OR WILDCAT
Basin Dakota

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Sec. 13, T-26-N, R-10-W
NMPM

12. COUNTY OR PARISH
San Juan

13. STATE
NM

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

2. NAME OF OPERATOR
El Paso Natural Gas Company

3. ADDRESS OF OPERATOR
PO Box 4289, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with state requirements)
At surface 1850'N, 1850'E
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
17 miles South of Bloomfield, NM

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
1850'

16. NO. OF ACRES IN LEASE
320 Unit

17. NO. OF ACRES ASSIGNED TO THIS WELL
E 320.00

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED OR APPLIED FOR, ON THIS LEASE, FT.
1300'

19. PROPOSED DEPTH
6795'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6550'GL

22. APPROX. DATE WORK WILL START*
DRILLING OPERATIONS AUTHORIZED ARE

RECEIVED
MAY 02 1985

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

23. PROPOSED CASING AND CEMENTING PROGRAM SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT* |
|--------------|----------------|-----------------|---------------|-----------------------|
| 12 1/4" | 8 5/8" | 24.0# | 200' | 165 cu.ft.circulated |
| 7 7/8" | 4 1/2" | 10.5#&11.6# | 6795' | 1341 cu.ft.circulated |

1st stage - 369 cu.ft. to cover Gallup
2nd stage - 486 cu.ft. to cover Mesa Verde
3rd stage - 486 cu.ft. to cover surface

Selectively perforate and sand water fracture the Dakota 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 E/2 of Section 13 is dedicated to this well.

RECEIVED
JUN 10 1985
OIL CON. DIV.

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. Peggy Doak Drilling Clerk 5-1-85
SIGNED TITLE DATE

APPROVED
AS AMENDED

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.

PROVAL DATE _____
DATE JUN 06 1985

707 J. Stan McKee
M. MILLENBACH
AREA MANAGER

*See Instructions On Reverse Side

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.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 25 U.S.C. 396; 43 CFR Part 3160.

PRINCIPAL PURPOSE: The information is to be used to process and evaluate your application for permit to drill, deepen, or plug back an oil or gas well.

ROUTINE USES: (1) The analysis of the applicant's proposal to discover and extract the Federal or Indian resources encountered. (2) The review of procedures and equipment and the projected impact on the land involved. (3) The evaluation of the effects of proposed operation on surface and subsurface water and other environmental impacts. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions, as well as routine regulatory responsibility.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this application and disclosure of the information is mandatory only if the lessee elects to initiate drilling operations on an oil and gas lease.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501 et seq) requires us to inform you that:

This information is being collected to allow evaluation of the technical, safety, and environmental factors involved with drilling for oil and/or gas on Federal and Indian oil and gas leases.

This information will be used to analyze and approve applications.

Response to this request is mandatory only if the lessee elects to initiate drilling operations on an oil and gas lease.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

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

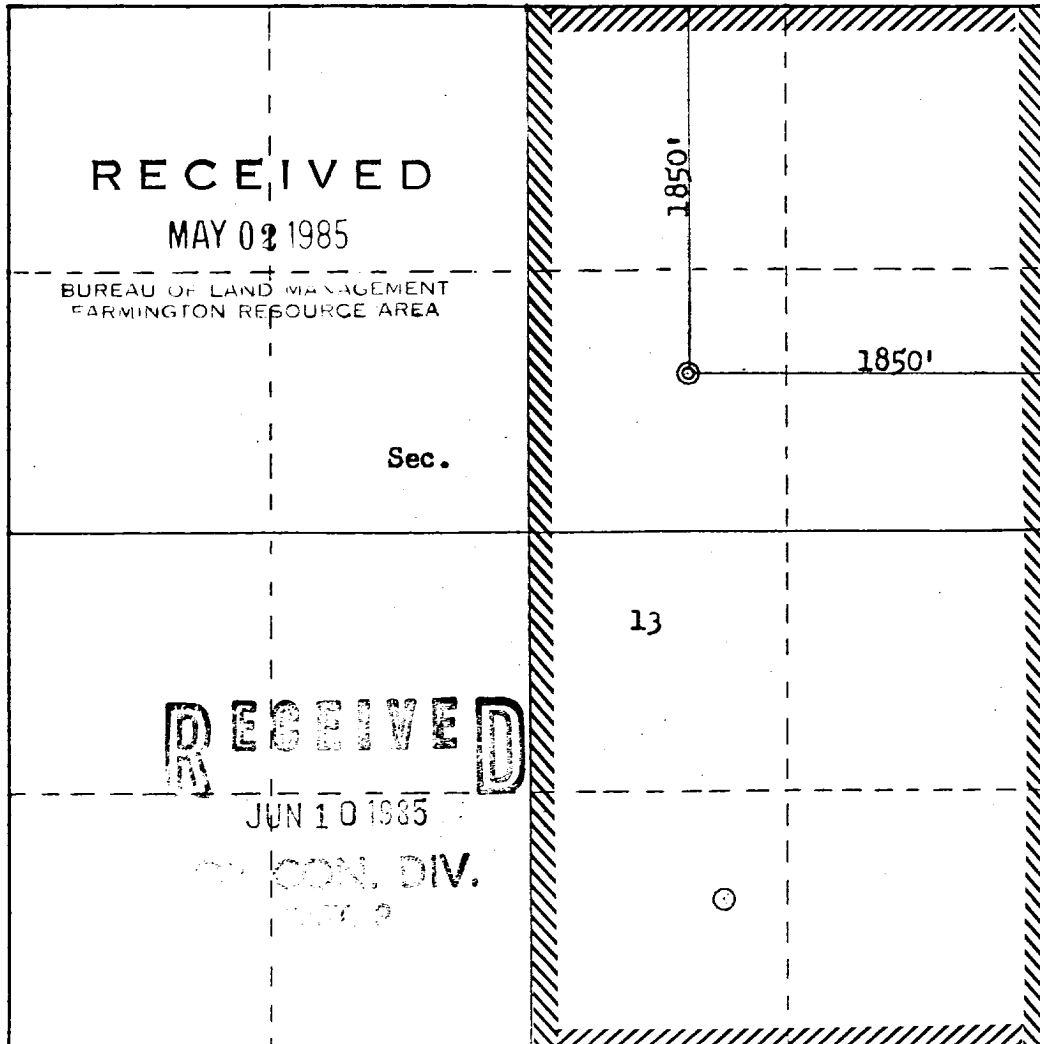
| | | | | |
|--|--------------------------------------|---|--|---------------------------|
| Operator EL PASO NATURAL GAS COMPANY | | Lease HUERFANO UNIT (SF 077935) | | Well No. 173E |
| Unit Letter G | Section 13 | Township 26N | Range 10W | County San Juan |
| Actual Footage Location of Well: 1850 feet from the North line and 1850 feet from the East line | | | | |
| Ground Level Elev: 6550 | Producing Formation Dakota | Pool Basin | Dedicated Acreage: 320 Acres | |

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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?

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.

Peggy Doak

| | |
|----------|---------------------|
| Name | <i>Peggy Doak</i> |
| Position | Drilling Clerk |
| Company | El Paso Natural Gas |
| Date | <i>May 1, 1985</i> |

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.

| | |
|--|-------------------------|
| Date Surveyed | <i>April 10, 1985</i> |
| Registered Professional Engineer and Land Surveyor | <i>Fred B. Kerr Jr.</i> |

EPNG: Huerfano Unit No 116E (line Change)

SE $\frac{1}{4}$ & SW $\frac{1}{4}$, Sec. 11

T 26N, R 10W

San Juan Co., NM

R-O-W Length: 2714'

EPNG; Huerfano Unit No 173E

SE $\frac{1}{4}$ & NE $\frac{1}{4}$, Sec. 13

T 26N, R 10W

San Juan Co., NM

R-O-W Length: 2145'

EPNG; Huerfano Unit No 4E

NW $\frac{1}{4}$ & SW $\frac{1}{4}$, Sec 24

T 26N, R 10W

San Juan Co., NM

R-O-W Length: 2414'

HUERFANO TRADING POST, N. MEX.

N3622.5—W10745/7.5

1967

AMS 4456 IV NE—SERIES V881



QUADRANG: F LOCATION

