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NEW MEXICO OIL CONSERVATION COMMISSION

30-045-26540

Form C-101
Revised 1-1-65

| |
|--|
| 5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 5. State Oil & Gas Lease No. B-11512-5 |

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | | |
|---|--------------------------------|--------------------------|----------------------------------|
| 1a. Type of Work | 7. Unit Agreement Name | | |
| b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | Huerfano Unit | | |
| 2. Name of Operator | 8. Farm or Lease Name | | |
| EI Paso Natural Gas Company | Huerfano Unit | | |
| 3. Address of Operator | 9. Well No. | | |
| PO Box 4289, Farmington, NM 87499 | 171E | | |
| 4. Location of Well UNIT LETTER <u>K</u> LOCATED <u>1550</u> FEET FROM THE <u>South</u> LINE AND <u>1850</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>36</u> TWP. <u>26N</u> RGE. <u>10W</u> NMPM | 10. Field and Pool, or Wildcat | | |
| | Basin Dakota | | |
| | 12. County | | |
| | San Juan | | |
| | 19. Proposed Depth | 19A. Formation | 20. Rotary or C.T. |
| | 6735' | Dakota | Rotary |
| 21. Elevations (Show whether DF, RT, etc.) | 21A. Kind & Status Plug. Bond | 21B. Drilling Contractor | 22. Approx. Date Work will start |
| 6706' GL | statewide | | |

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|------------|
| 12 1/4" | 8 5/8" | 24.0# | 200' | 165 cu.ft. | circulated |
| 7 7/8" | 4 1/2" | 10.5#&11.6# | 6735' | 1461 cu.ft. | circulated |

1st stage - 415 cu.ft. to cover Gallup
2nd stage - 518 cu.ft. to cover Mesa Verde
3rd stage - 528 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 W/2 of Section 36 is dedicated to this well.

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SEP 20 1985

OIL CON. DIV.
DIST. 3

APPROVAL EXPIRES 3-24-86
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Jaggy Doak Title Drilling Clerk Date 9-20-85

(This space for State Use)

APPROVED BY Ernie Busch TITLE Geologist DATE 9-23-85
SEP 23 1985

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-12d
Effective 1-1-85

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

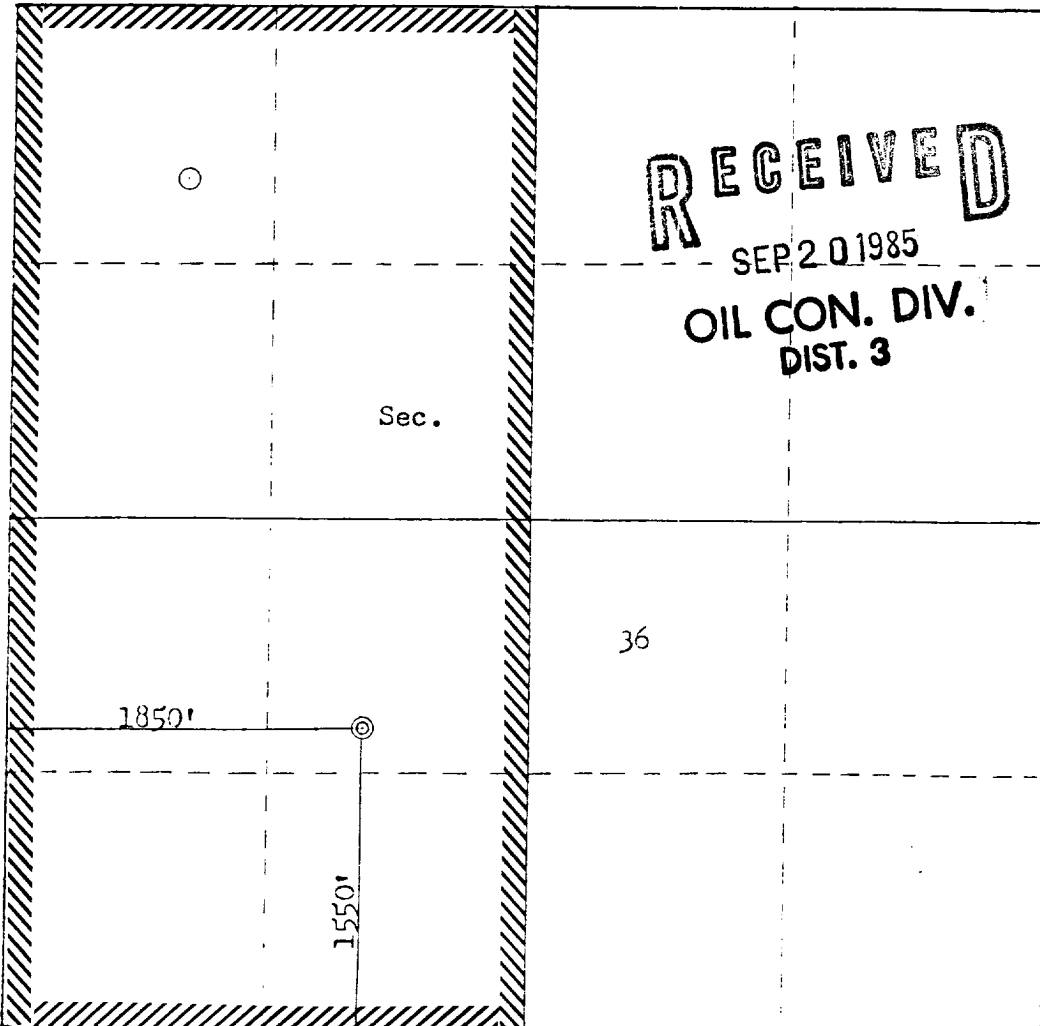
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|--|--------------------------------------|--|--|-----------------------------|
| Operator EL PASO NATURAL GAS COMPANY | | Lease HUERFANO UNIT (NM-B-11512-5) | | Well No. 171E |
| Unit Letter K | Section 36 | Township 26N | Range 10W | County Rio Arriba |
| Actual Footage Location of Well: 1550 feet from the South line and 1850 feet from the West line | | | | |
| Ground Level Elev: 6706 | Producing Formation Dakota | Pool Basin Dakota | 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 _____

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.



Scale: 1"=1000'

CERTIFICATION

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

Name

Position

Drilling Clerk

Company

El Paso Natural Gas

Date

9-20-85

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

September 13, 1985

Registered Professional Engineer and Land Surveyor

Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No.

3750