

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

230 045-26686*

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
 PO Box 4289, Farmington, NM 87499
 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface 1180'S, 1840'W
 At proposed prod. zone
 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 18 miles SE of Bloomfield, NM
 10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1180'
 16. NO. OF ACRES IN LEASE Unit 319.25
 17. NO. OF ACRES ASSIGNED TO THIS WELL W/319.25
 19. PROPOSED DEPTH 7025'
 20. ROTARY OR CABLE TOOLS Rotary
 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6748' GL
 DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"

5. LEASE DESIGNATION AND SERIAL NO.
 SF 078267
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 7. UNIT AGREEMENT NAME
 Huerfano Unit
 8. FARM OR LEASE NAME
 Huerfano Unit
 9. WELL NO.
 103E
 10. FIELD AND POOL, OR WILDCAT
 Basin Dakota
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 3, T-26-N, R-10-W
 NMPM
 12. COUNTY OR PARISH
 San Juan
 13. STATE
 NM
 22. APPROX. DATE WORK WILL START*

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DEC 16 1985

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

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

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	
12 1/4"	8 5/8"	36.0#	200'	165 cu.ft. circulated
7 7/8"	4 1/2"	10.5#&11.6#	7025'	1567 cu.ft. circulated

1st stage - 398 cu.ft. to cover Gallup
 2nd stage - 531 cu.ft. to cover Mesa Verde
 3rd stage - 638 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 3 is dedicated to this well.

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JAN 22 1986
OIL CON. DIV.
DIST. 8

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. Deggy Dash Drilling Clerk 12-12-85
 SIGNED TITLE DATE

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY TITLE DATE
 CONDITIONS OF APPROVAL, IF ANY:

05
2/10

NMOCS

*See Instructions On Reverse Side

for M. MILLENDACH
 AREA MANAGER
 /s/ J. Stan McKee

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

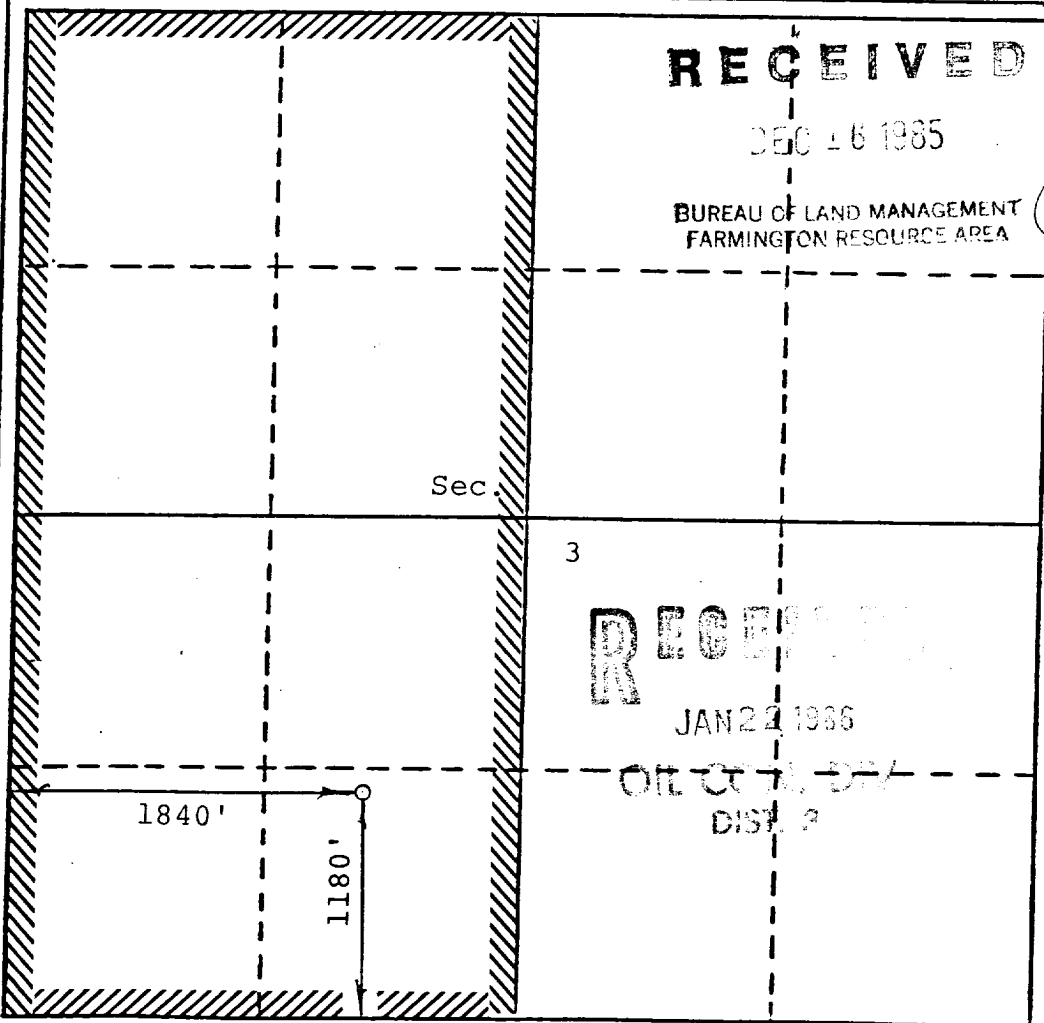
Operator El Paso Natural Gas Company		Lease Huerfano Unit (SF 078267)			Well No. 103E
Unit Letter N	Section 3	Township 26N	Range 10W	County San Juan	
Actual Footage Location of Well: 1180 feet from the -South line and 1840 feet from the West line					
Ground Level Elev. 6748	Producing Formation Dakota	Pool Basin	Dedicated Acreage: 319.25 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 Division.



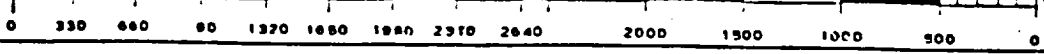
CERTIFICATION

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

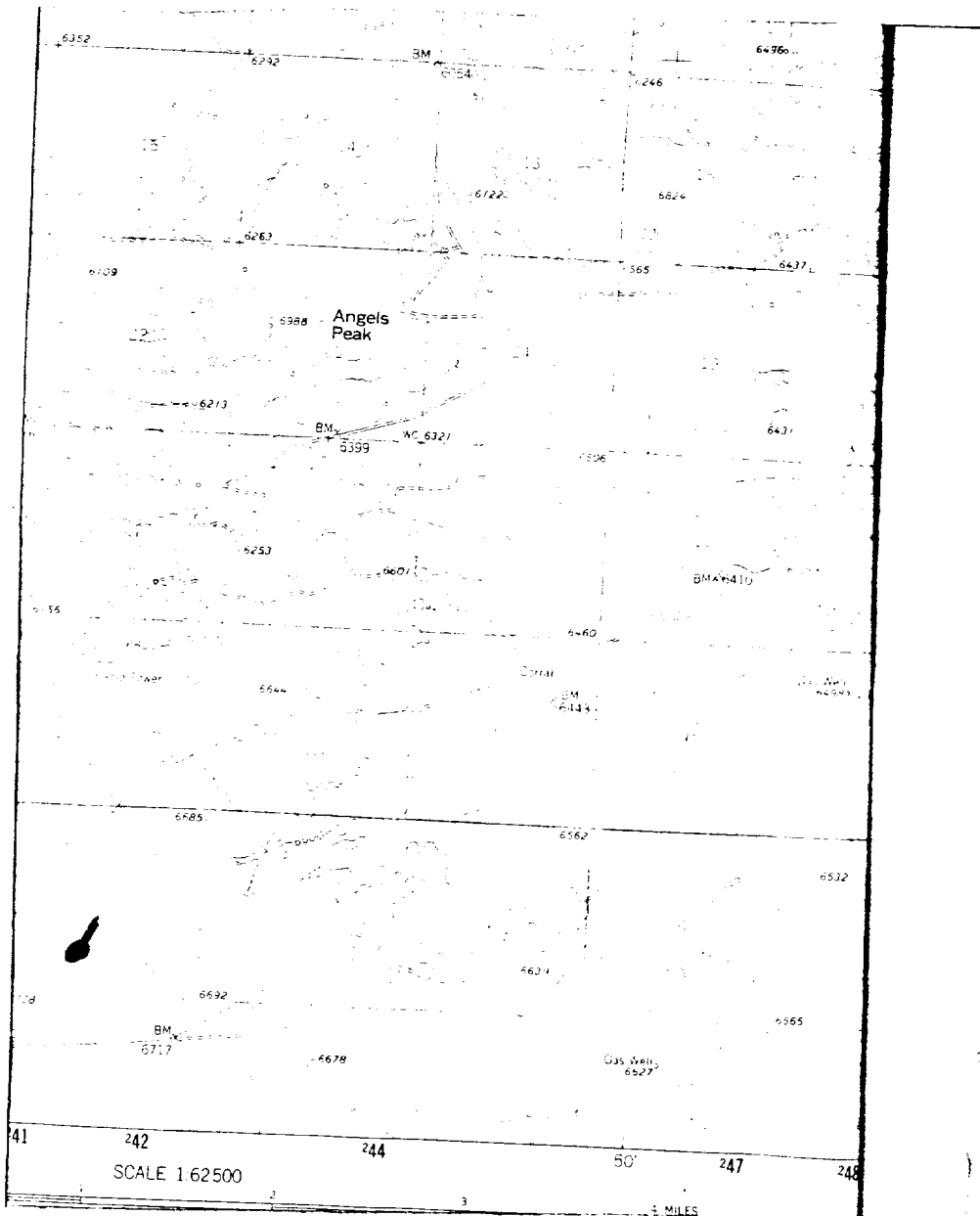
David O. Vilven
Name
Drilling Clerk
Position
El Paso Natural Gas
Company
Date 12-12-85

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.

November 15, 1985
Date Surveyed
David O. Vilven
Registered Professional Engineer and/or Land Surveyor
David O. Vilven
Certificate No. 1760








Huerfano Unit #103 E
 SESW 3-26-10 (DK)



Map #1

LEGEND OF RIGHT-OF-WAYS

- EXISTING ROADS 
- EXISTING PIPELINES 
- EXISTING ROAD & PIPELINE 
- PROPOSED ROADS 
- PROPOSED PIPELINES 
- PROPOSED ROAD & PIPELINE 