

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-095-26412

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 State requirements.)
 At surface 1500' N, 915' W
 At proposed prod. zone
 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE TO PROPOSED WELL
 12 miles Southeast of Blanco, NM
 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)
 915'
 16. NO. OF ACRES IN LEASE
 1261.04
 17. NO. OF ACRES ASSIGNED TO THIS WELL
 320.00
 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED OR APPLIED FOR, ON THIS LEASE, FT.
 3000'
 19. PROPOSED DEPTH
 5850'
 20. ROTARY OR CABLE TOOLS
 Rotary

5. LEASE DESIGNATION AND SERIAL NO.
 SF 078566A
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 7. UNIT AGREEMENT NAME
 8. FARM OR LEASE NAME
 Howell
 9. WELL NO.
 1A
 10. FIELD AND POOL, OR WILDCAT
 Blanco Mesa Verde
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Esec. 35, T-28-N, R-8-W
 NMPM 35-28N-8W
 12. COUNTY OR PARISH
 San Juan
 13. STATE
 NM

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21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 6754 GL
 6754
 22. APPROX. DATE WORK WILL START*
 DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS" QUANTITY OF CEMENT

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	32.3#	300'	189 cu.ft. circulated
8 3/4"	7"	20.0#	3450'	361 cu.ft. cover Ojo Alamo
6 1/4"	4 1/2"	10.5#	3300-5850'	445 cu.ft. circ. liner

Selectively perforate and sand water fracture the Mesa Verde 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 N/2 of Section 35 is dedicated to this well.

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JIL CON. DIV.
 DIST. 3

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

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 [Signature] TITLE Drilling Clerk DATE 5-29-85

(This space for Federal or State office use)

APPROVED
 AS AMENDED

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE JUN 13 1985

CONDITIONS OF APPROVAL, IF ANY:

[Signature]

NMOCC

For [Signature]
 M. MILLENBACH
 AREA MANAGER

*See Instructions On Reverse Side

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

Operator El Paso Natural Gas Company		Lease Howell (SF 078566-A)		Well No. 1A	
Unit Letter E	Section 35	Township 28N	Range 8W	County San Juan	
Actual Footage Location of Well: 1500 feet from the North line and 915 feet from the West line					
Ground Level Elev. 6754'	Producing Formation Mesa Verde		Pool Blanco	Dedicated Acreage: 320 Acres	

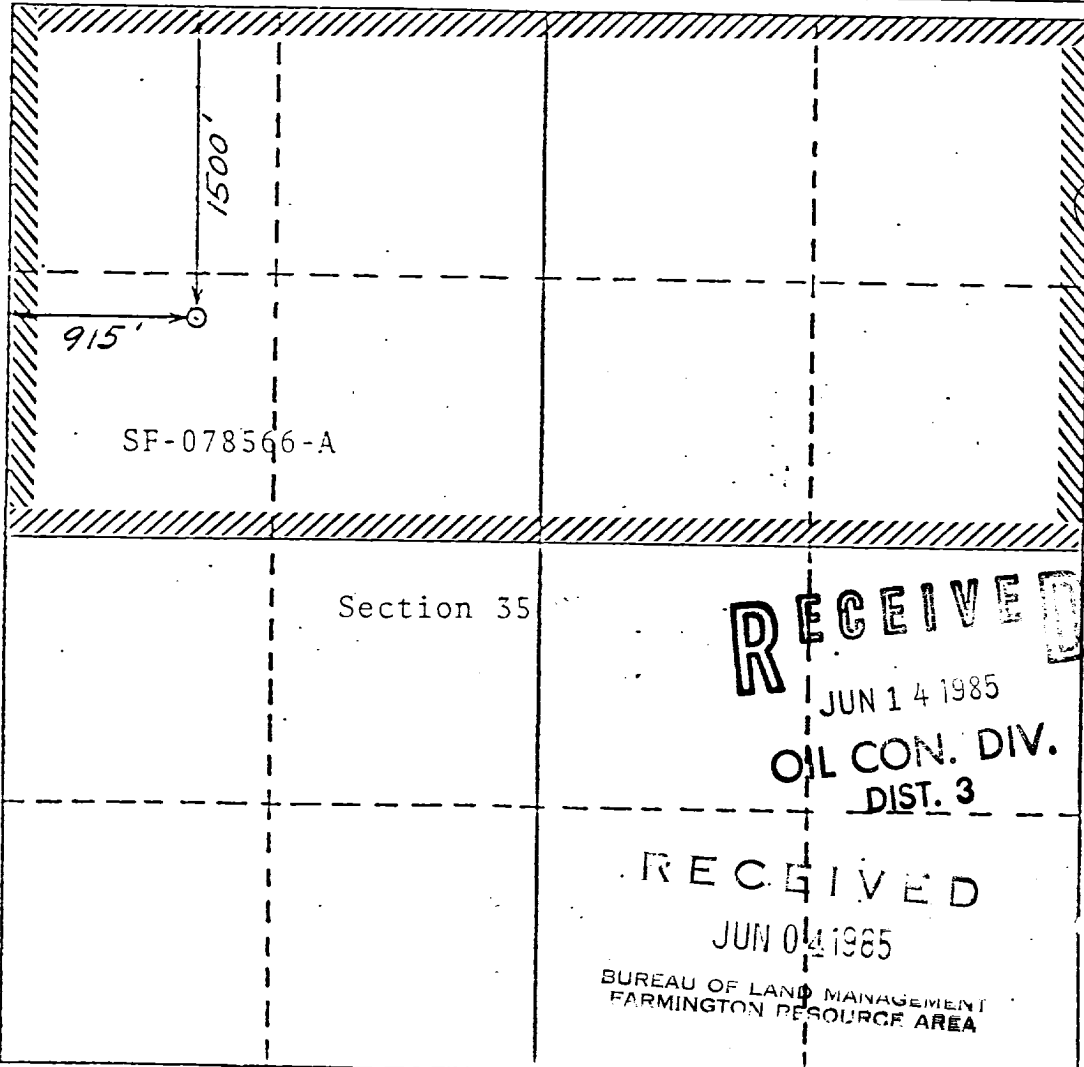
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is 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 Division

Note: Plat originally issued as Howell #17 (Ch)



CERTIFICATION

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

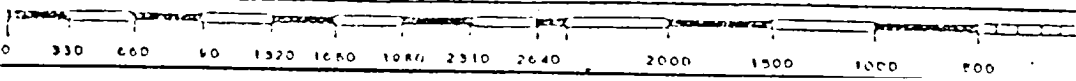
Jerry Deah
Name
Drilling Clerk
Position
El Paso Natural Gas Co.
Company
June 3, 1985
Date

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
JULY 17, 1974

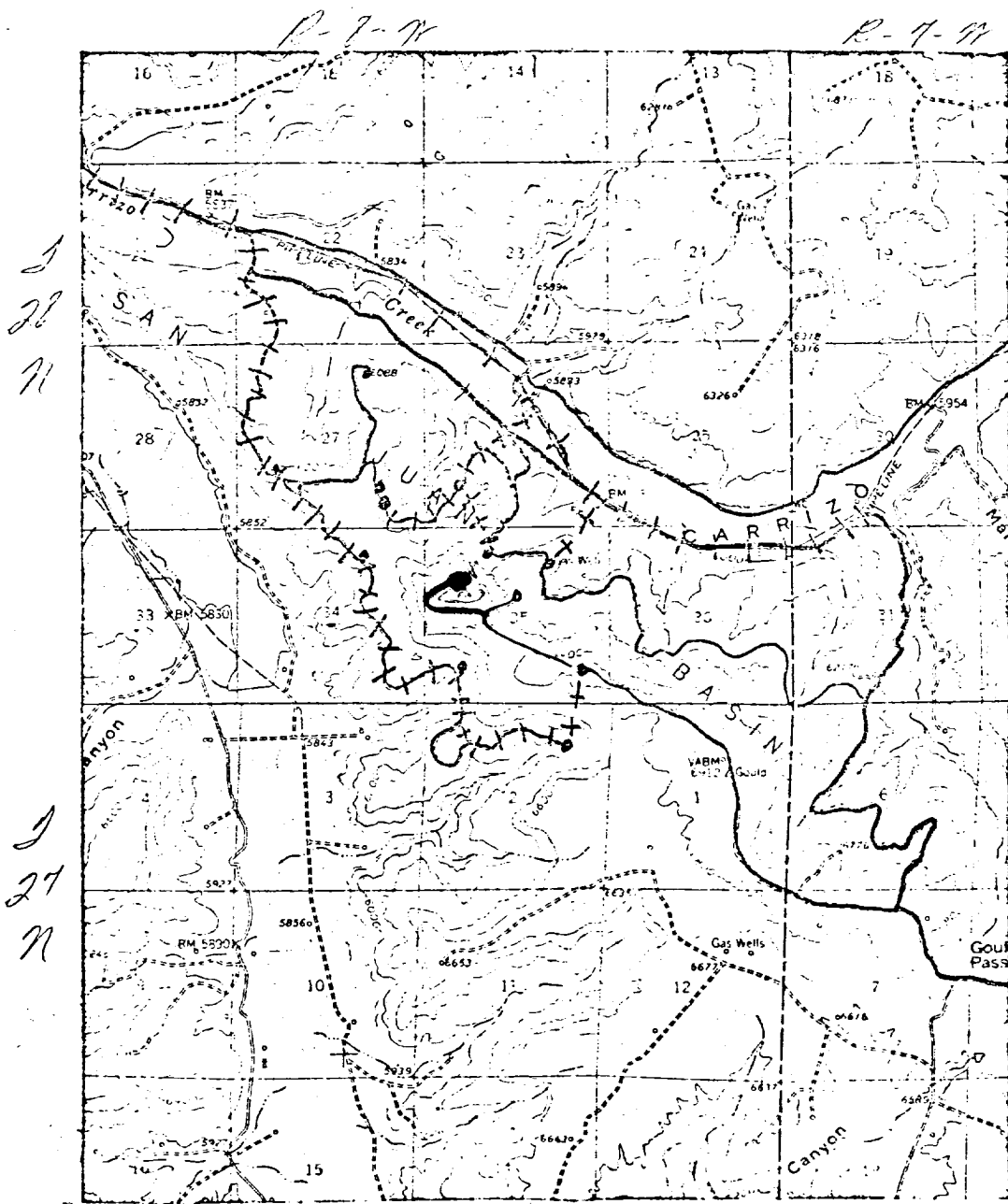
Registered Professional Engineer and/or Land Surveyor

[Signature]
Certificate No. 1760



Howell # 1H

S 77 N 17 W Sec. 35, T 28 N, R 8 W



LEGEND OF RIGHT-OF-WAYS

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