

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

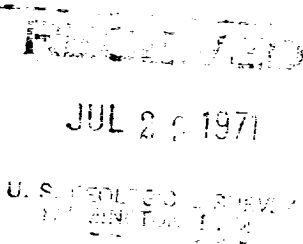
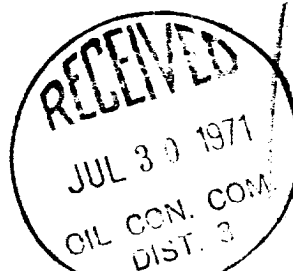
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. SF 078566-A	
b. TYPE OF WELL 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"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR El Paso Natural Gas Company			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR Box 990, Farmington, New Mexico 87401			8. FARM OR LEASE NAME Howell	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 705'N, 1900'W At proposed prod. zone			9. WELL NO. 10	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			10. FIELD AND POOL, OR WILDCAT South Blanco P. C.	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 35, T-28-N, R-8-W	
16. NO. OF ACRES IN LEASE			12. COUNTY OR PARISH San Juan	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160.00			13. STATE New Mexico	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			20. ROTARY OR CABLE TOOLS Rotary	
19. PROPOSED DEPTH 2795'			22. APPROX. DATE WORK WILL START*	
21. ELEVATIONS (Show whether DP, RT, GR, etc.) 6216' GL				

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#	130'	90 Sks. to circulate
6 3/4"	2 7/8"	6.4#	2795'	155 Sks. to cover the Ojo Alamo

Selectively pefforate and sand water fracture the Pictured Cliffs formation.

The NW/4 of Section 35 is dedicated to this well.



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. Original Signed By: L. O. Van Ligon TITLE Petroleum Engineer DATE 7-29-71
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:*OK**Held C-104 for NSC
Notified 7-30-71*

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Superseded by Form
10-1000-1-1

EL PASO NATURAL GAS COMPANY		HOWELL		(SF-078566-A)		10
C	35	28-N	8-W	SAN JUAN		
705	NORTH		1900	WEST		
6216	PICTURED CLIFFS		SOUTH BLANCO PICTURED CLIFFS		160.00	✓

- Outline the acreage dedication to the subject well by colored pencil or machine marks on the plat.
- If more than one lease is dedicated to the well, outline each and identify the owner(s) of each lease and the interest and acreage.
- If more than one lease of different ownership is dedicated to the well, have the interests of each lease be identified by communitization unitization or pooling, etc.

Yes No Answer is "Yes" type of conclusion

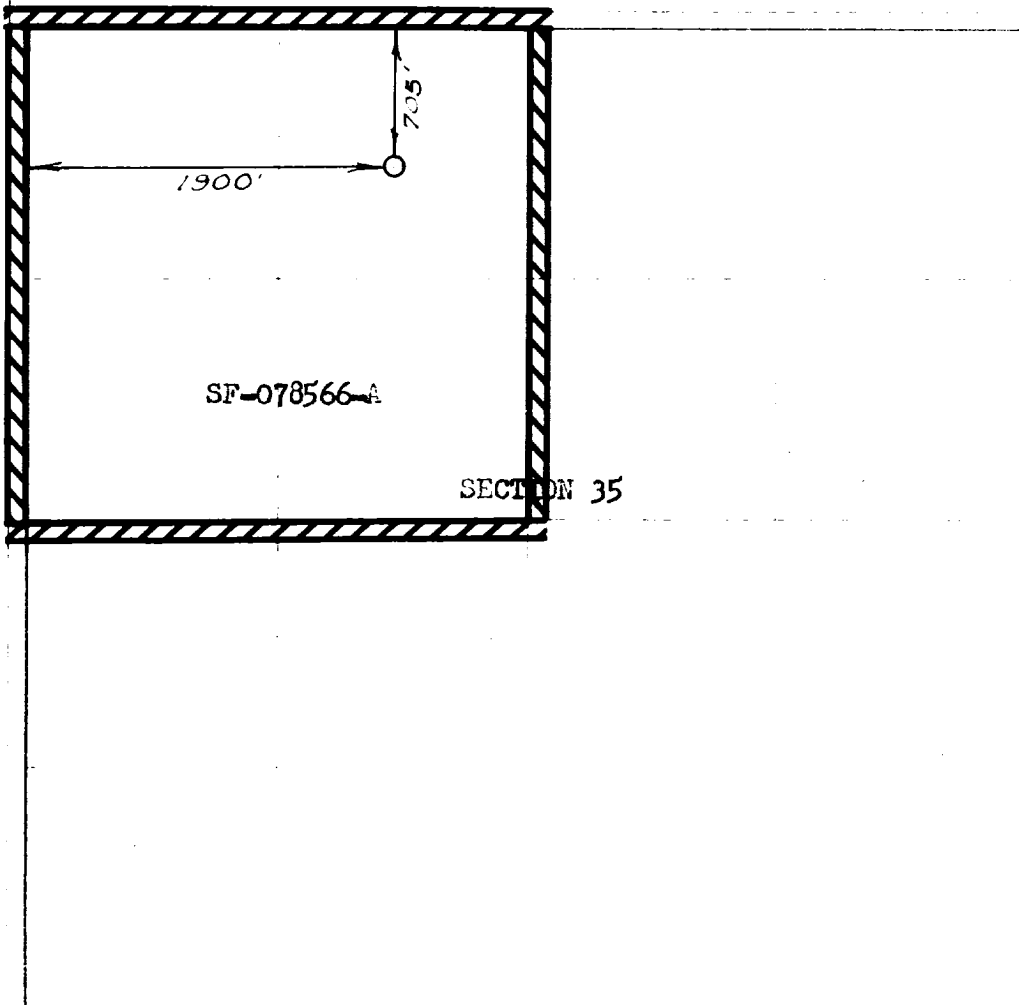
Answer as "No" list the owners and tract descriptions which have actually been dedicated to the well. If necessary.

For each well being dedicated to the well, indicate interests have been communitized, unitized, or pooled.

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Original signed by:
L. O. Van Ryan

Petroleum Engineer

El Paso Natural Gas Company

July 29, 1971

MAY 17, 1971

[Signature]

1760