

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐		5. LEASE DESIGNATION AND SERIAL NO. SF 078972	
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR El Paso Natural Gas Company		7. UNIT AGREEMENT NAME San Juan 28-7 Unit	
3. ADDRESS OF OPERATOR Box 990, Farmington, New Mexico		8. FARM OR LEASE NAME San Juan 28-7 Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 990'N, 1750'E		9. WELL NO. 155	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT Basin Dakota	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10, T-27-N, R-7-W, N. M. P. M.	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		12. COUNTY OR PARISH Rio Arriba	
16. NO. OF ACRES IN LEASE		13. STATE New Mexico	
17. NO. OF ACRES ASSIGNED TO THIS WELL 320.00		20. ROTARY OR CABLE TOOLS Rotary	
19. PROPOSED DEPTH 7715'		22. APPROX. DATE WORK WILL START*	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5596' GI			

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4"	9 5/8"	32.3#	200'	190 Sks. to circulate
9 3/4 & 7 7/8"	4 1/2"	10.5 & 11.6#	7715'	580 Sks. - 3 Stages

Production Casing Cementing:

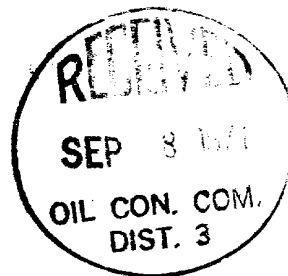
First stage w/220 sacks to cover the Gallup formation.

Second stage w/185 sacks to cover the Mesa Verde formations.

Third stage ~~w/175~~ w/175 sacks to cover the Pictured Cliffs formations.

Selectively perforate and sand water fracture the Dakota formation.

The E/2 of Section 10 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.

SIGNED	Original Signed F. H. WOOD	TITLE	Petroleum Engineer	DATE	9-1-71
(This space for Federal or State office use)					
PERMIT NO.		APPROVAL DATE			
APPROVED BY	<i>ma</i>	TITLE		DATE	SEP 7 1971
CONDITIONS OF APPROVAL, IF ANY:					

*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.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Supersedes Form 1-1-68
1-1-68

All distances must be from the outer boundaries of the Section 10.

EL PASO NATURAL GAS COMPANY		SAN JUAN 28-7 UNIT (SF-078972)		156
B	10	27-N	7-W	RIO ARriba
990	NORTH	1750	EAST	
6596	DAKOTA	BASIN DAKOTA	320.00	

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 and the 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, forced-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, (on 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 hereon is true and complete to the best of my knowledge and belief.

Original Signed **E. H. WOOD**

Petroleum Engineer

El Paso Natural Gas Company

September 1, 1971

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

APRIL 2, 1971

[Signature]
1760

