

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. RM 010516
1b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR El Paso Natural Gas Company		7. UNIT AGREEMENT NAME San Juan 28-5 Unit
3. ADDRESS OF OPERATOR Box 200, Farmington, New Mexico 87401		8. FARM OR LEASE NAME San Juan 28-5 Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1150' S, 1000' W At proposed prod. zone		9. WELL NO. 72
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. 7, T-28-N, R-5-W
16. NO. OF ACRES IN LEASE		12. COUNTY OR PARISH Rio Arriba
17. NO. OF ACRES ASSIGNED TO THIS WELL 322.6		13. STATE New Mexico
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		14. ROTARY OR CABLE TOOLS Rotary
19. PROPOSED DEPTH 750'		22. APPROX. DATE WORK WILL START*
20. ELEVATIONS (Show whether DF, RT, GR, etc.) 5506' GL		

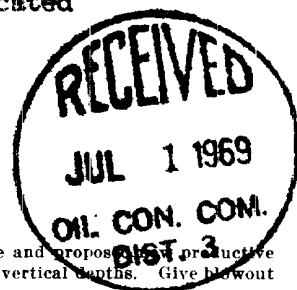
23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4"	2 5/8"	32.30	200'	165 sks. to circulate
8 3/4"	7"	20	3720	200 sks. to cover Old Alamo
6 1/4"	4 1/2"	10.5 & 11.5	7500	356 sks. to fill to 3720'

Selectively perforate and sandwater fracture the Dakota formation.

All of irregular Section 7, and SW/4 SW/4 irregular Section 8 is dedicated to this well.

Order R-2948



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed 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: SIGNED <u>I. O. Van Ryan</u> TITLE <u>Petroleum Engineer</u> DATE <u>June 27, 1969</u>	
(This space for Federal or State office use)	
PERMIT NO. <u> </u>	APPROVAL DATE <u> </u>
APPROVED BY <u> </u>	TITLE <u> </u>
CONDITIONS OF APPROVAL, IF ANY:	

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JUN 30 1969U. S. GEOLOGICAL SURVEY
DENVER, COLO.

*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

Form O-101
Supersedes O-100
Effective 1-1-64

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

EL PASO NATURAL GAS COMPANY			SAN JUAN 28-5 UNIT (NM-010516)		Well No. 79
North	Section	Range	Block	County	
M	7	28-N	5-W	RIO ARriba	
Acres in Section		Section		Township	
1150		SOUTH		1000 WEST	
Section Number		County		Acres in Section	
6606		DAKOTA		BASIN DAKOTA 322.96	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (ownership, 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.)

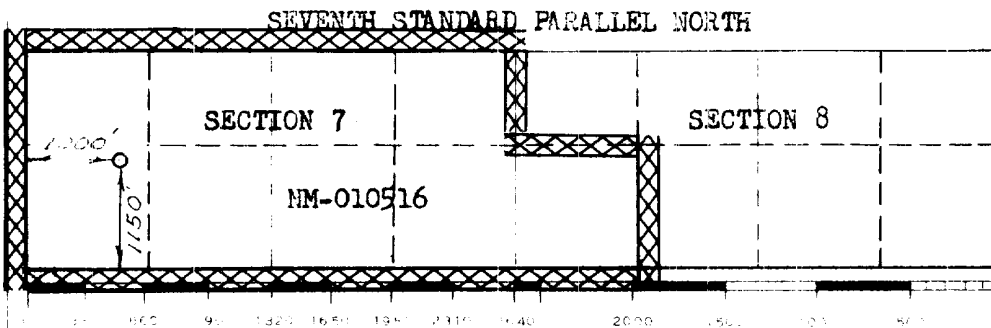
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



NSU
order R-2948

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DURANGO, COLO.

SCALE: 2000' = 1"



CERTIFICATION

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

Original Signed By:
L. O. Van Ryan
Petroleum Engineer
El Paso Natural Gas Company
Date: **June 27, 1969**

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: **APRIL 18, 1969**
Paul O. Viland
1760