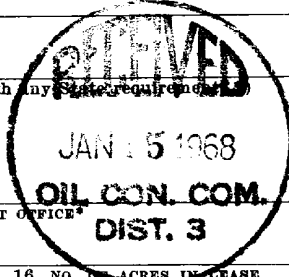


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30 - 639 - 20084

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
 Box 990, Farmington, New Mexico
 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
 At surface 800'S, 1090'W
 At proposed prod. zone
 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*



5. LEASE DESIGNATION AND SERIAL NO.
 SF 079731
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 7. UNIT AGREEMENT NAME
 San Juan 28-4 Unit
 8. FARM OR LEASE NAME
 San Juan 28-4 Unit
 9. WELL NO.
 31
 10. FIELD AND POOL, OR WILDCAT
 Basin Dakota
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 32, T-28-N, R-4-W
 N.M.P.M.
 12. COUNTY OR PARISH
 Rio Arriba
 13. STATE
 N. Mex.

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
 16. NO. OF ACRES IN LEASE
 17. NO. OF ACRES ASSIGNED TO THIS WELL
 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 19. PROPOSED DEPTH
 6315'
 20. ROTARY OR CABLE TOOLS
 Rotary
 21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 6961' GL
 22. APPROX. DATE WORK WILL START*
 1-15-66

23. 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"	32.30#	200'	200 Sks.
8 3/4"	7"	20#	4150'	150 Sks.
6 1/4"	4 1/2"	10.5 & 11.6#	6315'	400 Sks.

The Dakota formation will be selectively perforated and sand-water fractured.

The W/2 of Section 32 is dedicated to this well.

RECEIVED

JAN 12 1968

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

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 1-11-68

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

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 ACERAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

Operator	EL PASO NATURAL GAS COMPANY			Lease	SAN JUAN 28-4 UNIT		SF-079731	Well No	31
Unit Letter	M	Section	32	Township	28-N	Range	4-W	County	RIO ARriba
Actual Footage Location of Well:									
800		feet from the		SOUTH		line and		1090	
								feet from the	
								WEST	
								line	
Ground Level Elev.	6961	Producing Formation		DAKOTA		Pool		BASIN DAKOTA	
								Dedicated Acreage	320.00
								Acres	

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 (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 communization, unitization, force-pooling, etc?

(X) Yes () No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated by communization, 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 herein is true and complete to the best of my knowledge and belief.

Original Signed F. H. WOOD

Name

Petroleum Engineer

Position

El Paso Natural Gas Company

Company

January 11, 1968

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

DECEMBER 14, 1967

Registered Professional Engineer

and/or Land Surveyor

David Wilburn
Certificate No. 1760

