

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. <del>SP 079-91-A</del>
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 <b>El Paso Natural Gas Company</b>			7. UNIT AGREEMENT NAME <b>San Juan 27-5 Unit</b>
3. ADDRESS OF OPERATOR <b>Box 990, Farmington, New Mexico</b>			8. FARM OR LEASE NAME <b>San Juan 27-5 Unit</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface <b>1550'S, 990'W</b> At proposed prod. zone			9. WELL NO. <b>101</b>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			10. FIELD AND POOL, OR WILDCAT <b>Basin Dakota</b>
10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 10, T-27-N, R-5-W N.M.P.M.</b>
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH <b>8670'</b>	20. ROTARY OR CABLE TOOLS <b>Rotary</b>	12. COUNTY OR PARISH <b>Rio Arriba</b>
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>7327' GL</b>			13. STATE <b>New Mexico</b>
22. APPROX. DATE WORK WILL START*			

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	10 3/4"	32.75#	300'	240 Sks. to circulate
9 7/8"	7 5/8"	26.40#	430'	165 Sks.
6 3/4"	5 1/2"	15.5# & L7#	8280'	245 Sks.
4 3/4"	4"	10.4#	8180-8670'	100 Sks.

Selective zones in the Dakota formation will be perforated and sand water fractured.

The S/2 of Section 10 is dedicated to this well.

RECEIVED

SEP 14 1966

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 9-9-66

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY CW TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side



NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACERAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

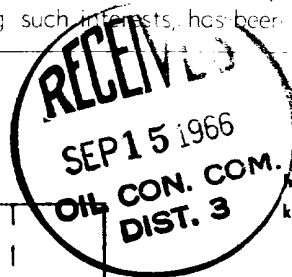
Operator <b>EL PASO NATURAL GAS COMPANY</b>	Lease <b>SAN JUAN 27-5 UNIT (SF-079491-A)</b>	Well No <b>101</b>		
Unit Letter <b>L</b>	Section <b>10</b>	Township <b>27-N</b>	Range <b>5-W</b>	County <b>RIO ARriba</b>
Actual Footage Location of Well: <b>1550</b> feet from the <b>SOUTH</b> line and <b>990</b> feet from the <b>WEST</b> line				
Ground Level Elev. <b>7327</b>	Producing Formation <b>DAKOTA</b>	Pool <b>BASIN DAKOTA</b>	Dedicated Acreage <b>320.00</b>	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?

(☒) 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

**September 9, 1966**

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

**AUGUST 2, 1966**

Registered Professional Engineer  
and/or Land Surveyor

*David O. Kline*  
Certificate No. **1760**

