

UNITED STATES  
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

<p>1a. TYPE OF WORK  DRILL <input checked="" type="checkbox"/>      DEEPEN <input type="checkbox"/>      PLUG BACK <input type="checkbox"/></p> <p>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"/></p>			<p>5. LEASE DESIGNATION AND SERIAL NO.  SF 079493</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME  San Juan 27-5 Unit</p> <p>8. FARM OR LEASE NAME  San Juan 27-5 Unit</p> <p>9. WELL NO.  158</p> <p>10. FIELD AND POOL, OR WILDCAT  Tapacito Pictured Cliffs</p> <p>11. SEC., T., B., M., OR BLK. AND SURVEY OR AREA  Sec. 25, T-27-N, R-5-W  NMPM</p> <p>12. COUNTY OR PARISH  Rio Arriba</p> <p>13. STATE  New Mexico</p>		
<p>2. NAME OF OPERATOR  El Paso Natural Gas Company</p> <p>3. ADDRESS OF OPERATOR  PO Box 990, Farmington, NM 87401</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*  At surface  850'S, 1680'E</p> <p>At proposed prod. zone</p> <p>14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*</p>			<p>15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)</p> <p>16. NO. OF ACRES IN LEASE</p> <p>17. NO. OF ACRES ASSIGNED TO THIS WELL  160.00</p> <p>18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.</p> <p>19. PROPOSED DEPTH  4115'</p> <p>20. ROTARY OR CABLE TOOLS  Rotary</p> <p>21. ELEVATIONS (Show whether DF, RT, GR, etc.)  7165'GL</p> <p>22. APPROX. DATE WORK WILL START*</p>		

23. 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"	24.0#	120'	110 cu. ft. to circulate to surface
6 3/4"	2 7/8"	6.4#	4115'	220 cu. ft. to cover Ojo Alamo

Selectively perforate and sandwater fracture the Pictured Cliffs formation.

The SE/4 of Section 25 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 A. G. Lisco TITLE Drilling Clerk DATE June 20, 1973

(This space for Federal or State office use)

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

APPROVED BY SL TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-128  
Effective 1-1-65

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-079493)</b>		Well No. <b>158</b>
Unit Letter <b>0</b>	Section <b>25</b>	Township <b>27 North</b>	Range <b>5 West</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>850</b> feet from the <b>South</b> line and <b>1680</b> feet from the <b>East</b> line					
Ground Level Elev. <b>7165</b>	Producing Formation <b>PICTURED CLIFFS</b>		Pool <b>TAPACITO PICTURED CLIFFS</b>	Dedicated Acreage <b>160.00</b> Acres	

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 (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 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.

	<b>CERTIFICATION</b>  I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  <b>Original Signed by</b> Name <u>D. G. Brisco</u> Position <u>Field Clerk</u> Company <u>El Paso Natural Gas Co.</u> Date <u>June 21, 1973</u>
	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 Signed <u>June 21, 1973</u> Registered and Certified <u>June 21, 1973</u> <div style="text-align: center;"> </div>