

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. SF 079493-A																
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 El Paso Natural Gas Company				7. UNIT AGREEMENT NAME San Juan 27-5 Unit																
3. ADDRESS OF OPERATOR PO Box 990, Farmington, NM 87401				8. FARM OR LEASE NAME San Juan 27-5 Unit																
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 800'N, 1500'W At proposed prod. zone				9. WELL NO. 161																
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*				10. FIELD AND POOL, OR WILDCAT Tapacito Pictured Cliffs Ex																
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. 35, T-27-N, R-5-W NMPM																
16. NO. OF ACRES IN LEASE				12. COUNTY OR PARISH Rio Arriba																
17. NO. OF ACRES ASSIGNED TO THIS WELL				13. STATE New Mexico																
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.				19. PROPOSED DEPTH 3475'																
20. ROTARY OR CABLE TOOLS Rotary				21. APPROX. DATE WORK WILL START*																
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 6586'GR(est.)				23. PROPOSED CASING AND CEMENTING PROGRAM																
<table border="1"><thead><tr><th>SIZE OF HOLE</th><th>SIZE OF CASING</th><th>WEIGHT PER FOOT</th><th>SETTING DEPTH</th><th>QUANTITY OF CEMENT</th></tr></thead><tbody><tr><td>12 1/4"</td><td>8 5/8"</td><td>24.0#</td><td>120'</td><td>110 cu. ft. to circulate</td></tr><tr><td>6 3/4"</td><td>2 7/8"</td><td>6.4#</td><td>3475'</td><td>225 cu. ft. to cover Ojo Alamo</td></tr></tbody></table>						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	6 3/4"	2 7/8"	6.4#	3475'	225 cu. ft. to cover Ojo Alamo
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Selectively perforate and sandwater fracture the Pictured Cliffs formation.

The NW/4 of Section 35 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 B. V. Buises TITLE Drilling Clerk DATE June 6, 1973
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: OK

*See Instructions On Reverse Side

RECEIVED
JUN 7 1973
U. S. GEOLOGICAL SURVEY
WASHINGTON, D. C.

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

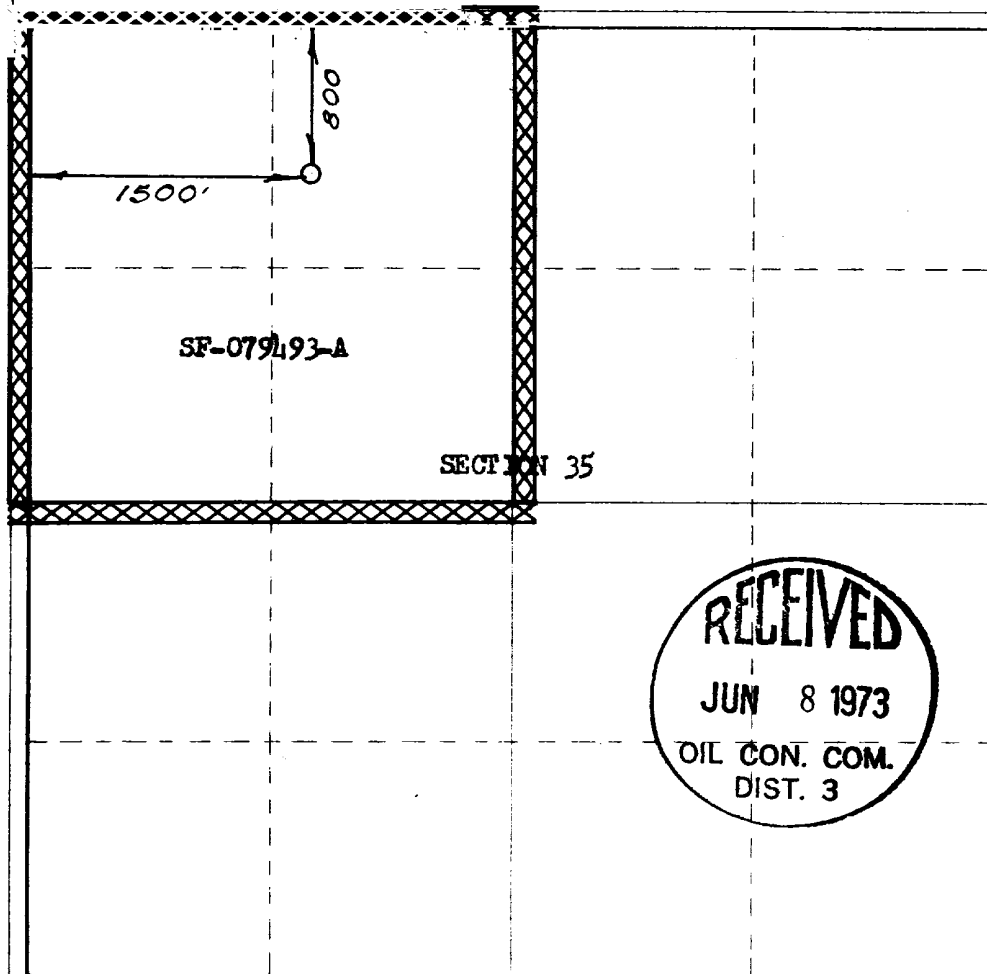
Operator EL PASO NATURAL GAS COMPANY		Lease SAN JUAN 27-5 UNIT (SF-079493-A)		Well No. 161
Unit Letter C	Section 35	Township 27-N	Range 5-W	County RIO ARriba
Actual Well Location of Well: 800 feet from the NORTH line and 1500 feet from the WEST line				
Ground Level Elev. 6580 EST.	Producing Formation PICTURED CLIFFS	Pool TAPACITO PICTURED CLIFFS	Desired Acreage 160.00 <i>156.94</i> 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.



CERTIFICATION

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

Original Signed by

D. G. Brisco

Drilling Clerk

Position

El Paso Natural Gas Co.

Company

June 6, 1973

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.

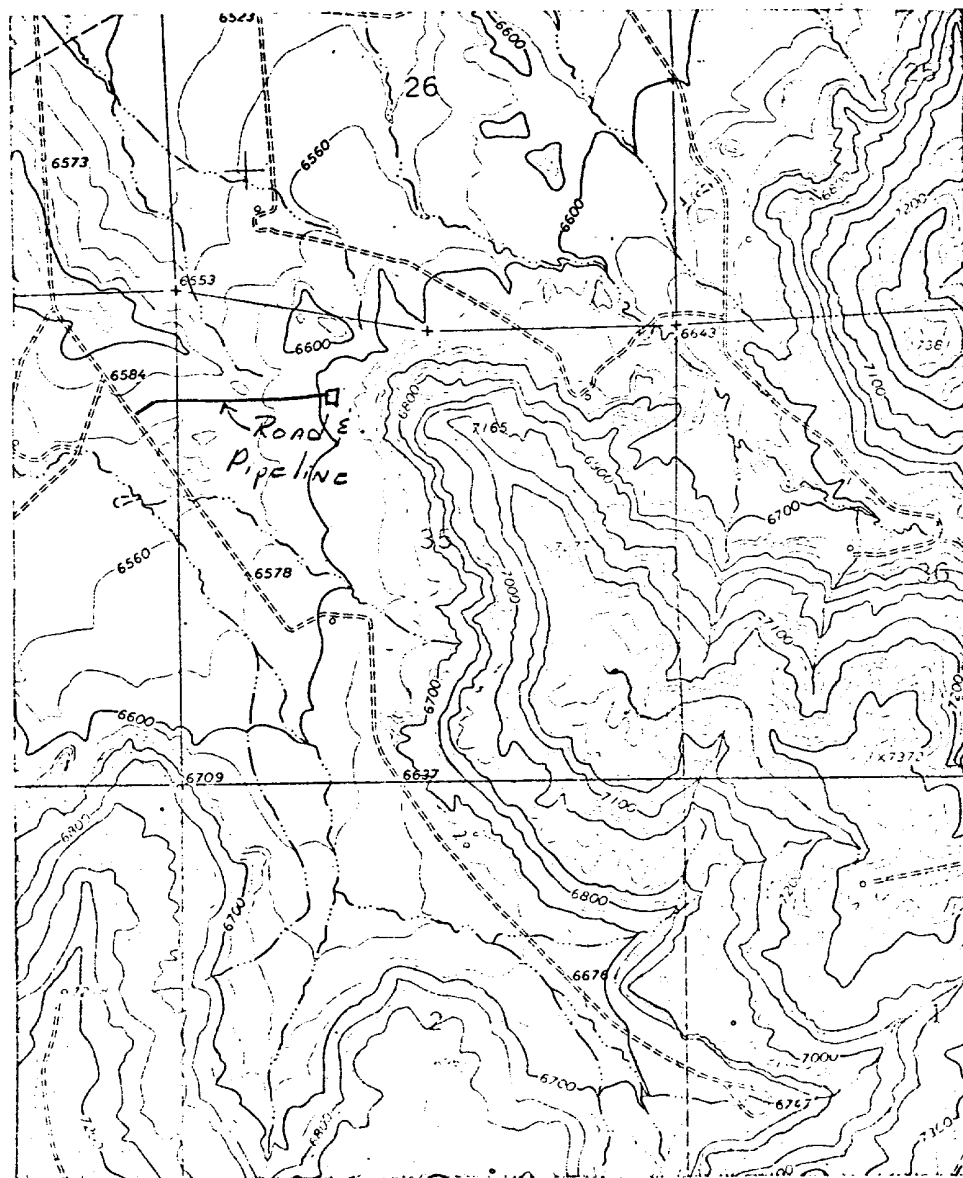
FEBRUARY 5, 1973

Paul Wilson

1760

SAN JUAN 27-5 UNIT No. 161

NW/4 Sec. 35, T-27N, R-5W



T
27
N

R-5-W

LOCATION AND EQUIPMENT LAY-OUT

SAN JUAN 27-5 Unit No. 161

