

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 ☐
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 PO Box 289, Farmington, NM 87401
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 1180'S, 910'W
At proposed prod. zone same
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 6 miles south of Gobernador, NM
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 910'
16. NO. OF ACRES IN LEASE unit 638.72
17. NO. OF ACRES ASSIGNED TO THIS WELL 159.32
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 200'
19. PROPOSED DEPTH 3520'
20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6590' GL
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
12 1/4"	8 5/8"	24.0#	120'	106 cu.ft. - circ. to surface
7 7/8"	2 7/8"	6.4#	3400'	
6 3/4"	2 7/8"	6.4#	3520'	459 cu.ft. - 100% excess to cover Ojo Alamo

Selectively perforate and sandwater fracture the Pictured Cliffs formation

A 3000 psi WP and 6000 psi test double gate preventer equipped with blind and pipe rams will be used for blow out prevention on this well.

This gas is dedicated.

This unorthodox footage was to avoid existing location and pipeline to the south.

The SW/4 of Section 32 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 Deane Bradford TITLE Drilling Clerk DATE 9-29-80
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY Robert W. Wamby TITLE _____ DATE _____
CONDITIONS OF APPROVAL _____

*See Instructions On Reverse Side

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

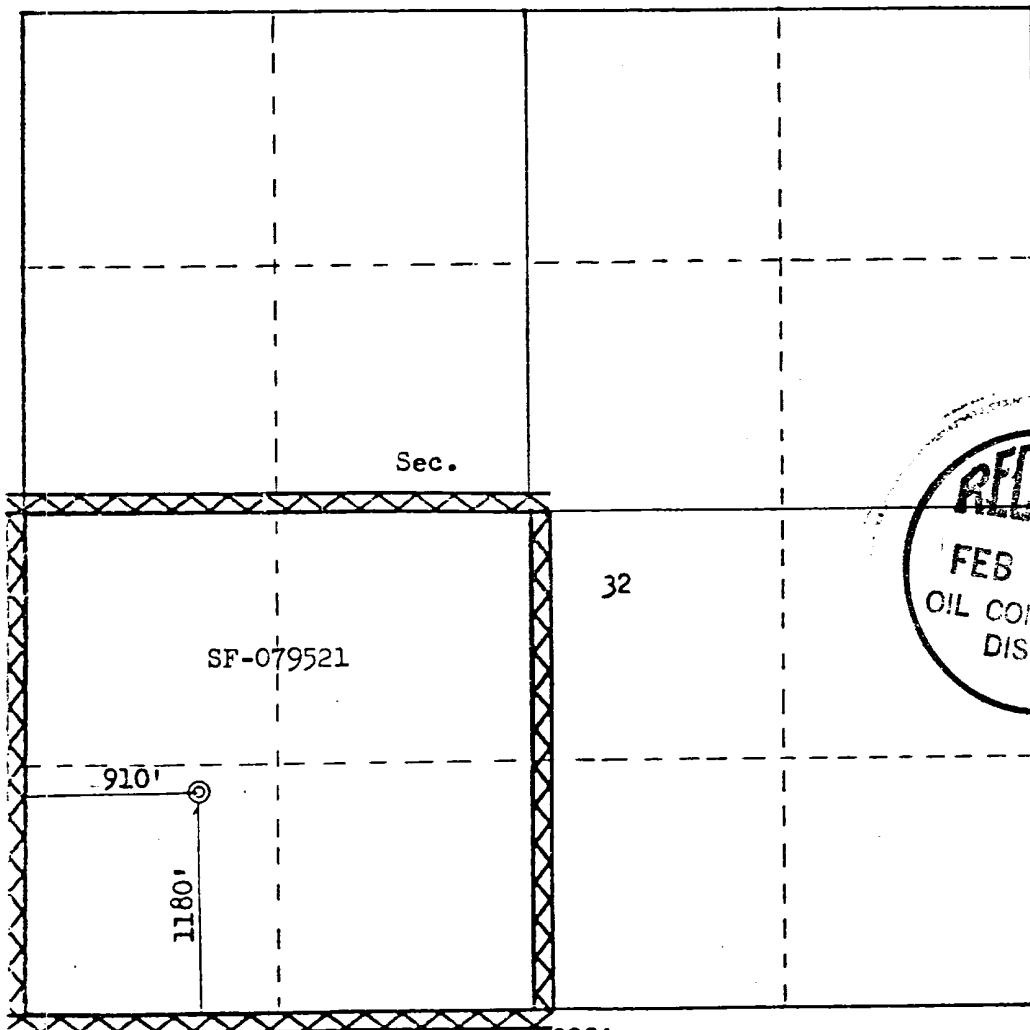
Operator EL PASO NATURAL GAS COMPANY			Lease SAN JUAN 28-5 UNIT (SF-079521)		Well No. 104
Unit Letter M	Section 32	Township 28N	Range 5W	County Rio Arriba	
Actual Footage Location of Well: 1180 feet from the South line and 910 feet from the West line					
Ground Level Elev: 6590	Producing Formation PICTURED CLIFFS		Pool TAPACITO PICTURED CLIFFS EXT.		Dedicated Acreage: 159.32 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

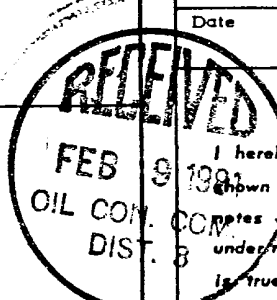
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Leann Bradford
Name
Drilling Clerk

Position
El Paso Natural Gas Co.

Company
September 29, 1980

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 18, 1980

Registered Professional Engineer
and Land Surveyor

Fred B. Kerr, Jr.
Fred B. Kerr, Jr.

Certification No. 3950
KERR, JR.

EL PASO NATURAL GAS COMPANY
San Juan 28-5 Unit #104
SW 32-28-5

R-5-W

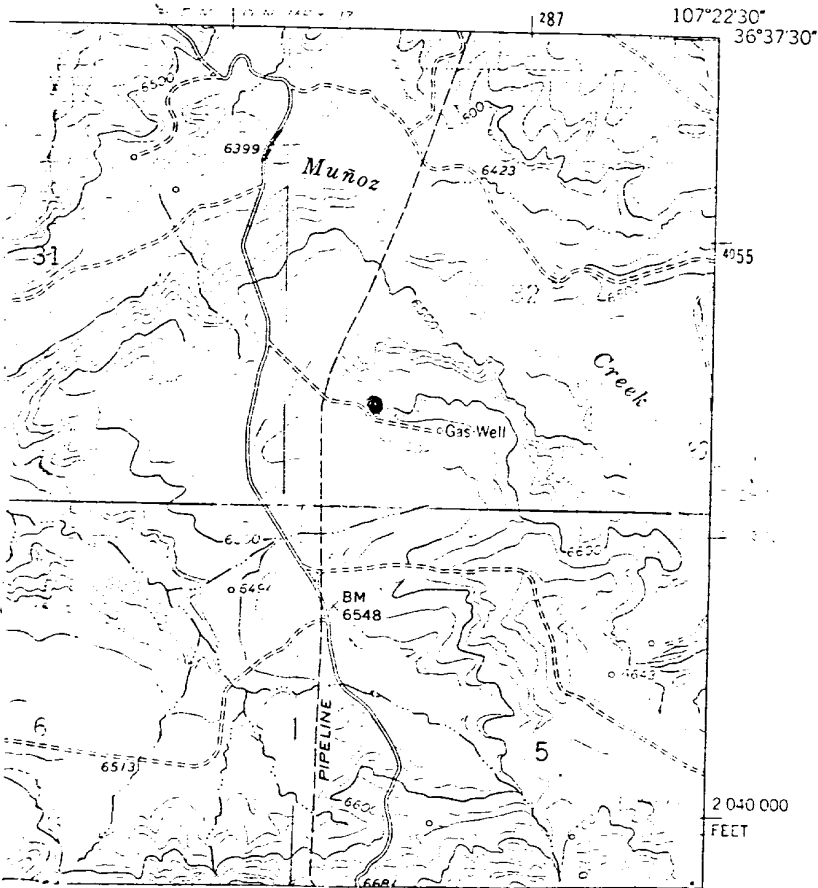
B-2

SANTOS PEAK QUADRANGLE
NEW MEXICO-RIO ARriba CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

4557 III NE
GOBERNADOR

T
28
N

T
27
N



MAP #1

LEGEND OF RIGHT-OF-WAYS

EXISTING ROADS

EXISTING PIPELINES

EXISTING ROAD & PIPELINE

PROPOSED ROADS

PROPOSED PIPELINES

PROPOSED ROAD & PIPELINE