

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 078879		
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR El Paso Natural Gas Company			7. UNIT AGREEMENT NAME Canyon Largo Unit		
3. ADDRESS OF OPERATOR PO Box 289, Farmington, NM 87401			8. FARM OR LEASE NAME Canyon Largo Unit		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1050'S, 800'W At proposed prod. zone same			9. WELL NO. 191		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 16 miles NE of Counselors, NM			10. FIELD AND POOL, OR WILDCAT Ballard PC		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 800'		16. NO. OF ACRES IN LEASE unit	17. NO. OF ACRES ASSIGNED TO THIS WELL 160		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1000'		19. PROPOSED DEPTH 2670'	20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6797' GR			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#	2537'	
6 3/4"	2 7/8"	6.4#	2670'	516 cu.ft.to cover Ojo Alamo

Selectively perforate and sandwater fracture the Pictured Cliffs formation

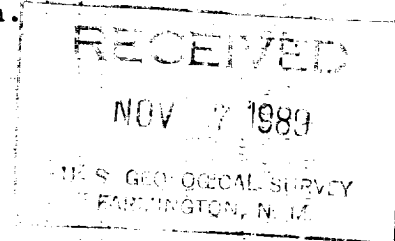
A 3000 psi WP and 6000 psi test double gate preventer equipped with blind and pipe rams will be used for blow out prevention on this well.

A well site has been constructed at this location.  
This gas is dedicated.

This action is for administrative  
approval under 290.

The SW/4 of Section 23 is dedicated to this well.

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
LOCAL REQUIREMENTS"



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give details of 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. Brice TITLE Drilling Clerk DATE 11-3-80  
(This space for Federal or State office use)

PERMIT NO. APPROVED APPROVAL DATE FEB 9 1981

APPROVED BY AS AMENDED TITLE Drilling Clerk DATE 11-3-80  
CONDITIONS OF APPROVAL, IF ANY

FEB 06 1981  
JAMES F. SIMS  
DISTRICT ENGINEER

\*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form 7-111  
Supersedes 6-128  
Effective 12-1-77

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

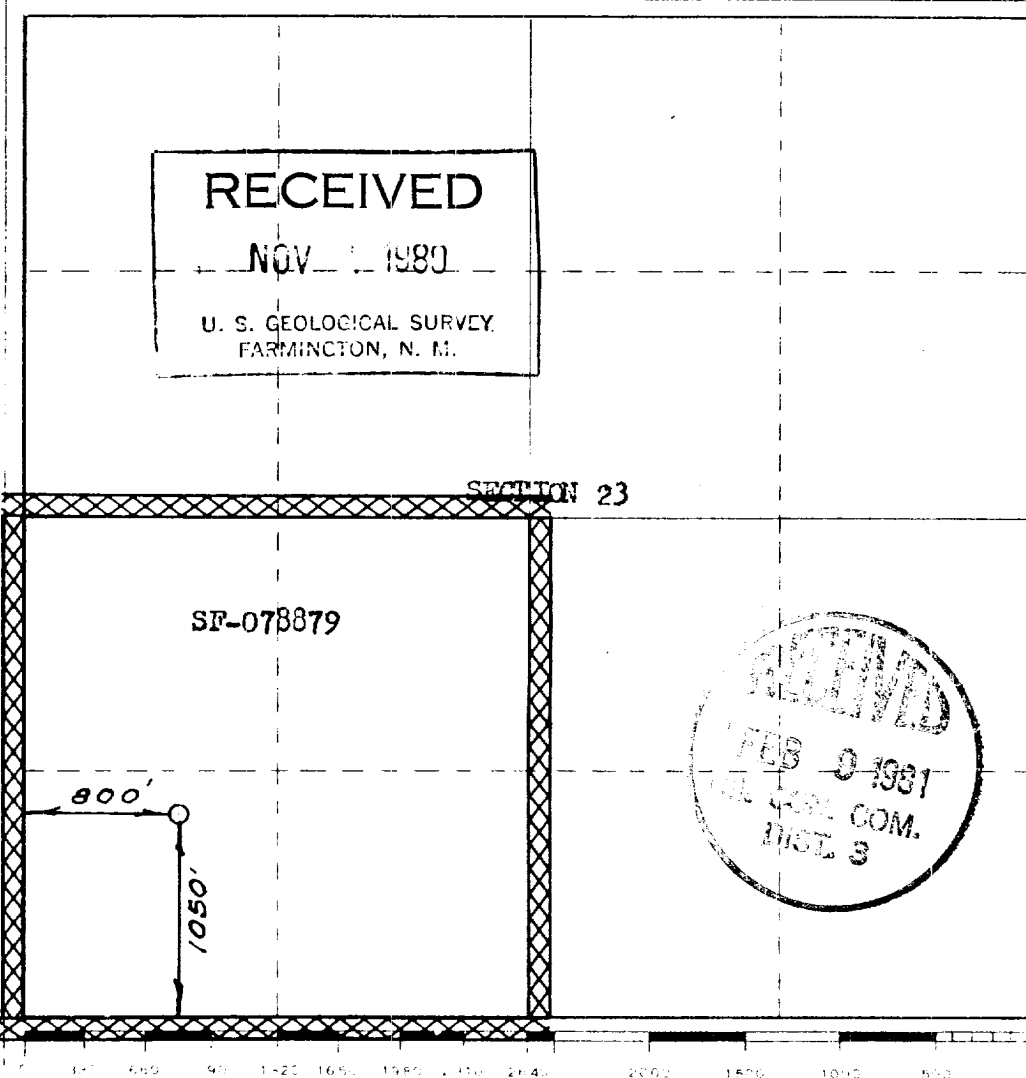
EL PASO NATURAL GAS COMPANY		CANYON LARGO UNIT (SF-078879)		191
M	23	25-N	7-W	RIO ARriba
1050	SOUTH		800	WEST
6797	PICTURED CLIFFS		BALLARD PICTURED CLIFFS	150.00

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 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.

*A. P. Brisco*

Drilling Clerk

El Paso Natural Gas Co.

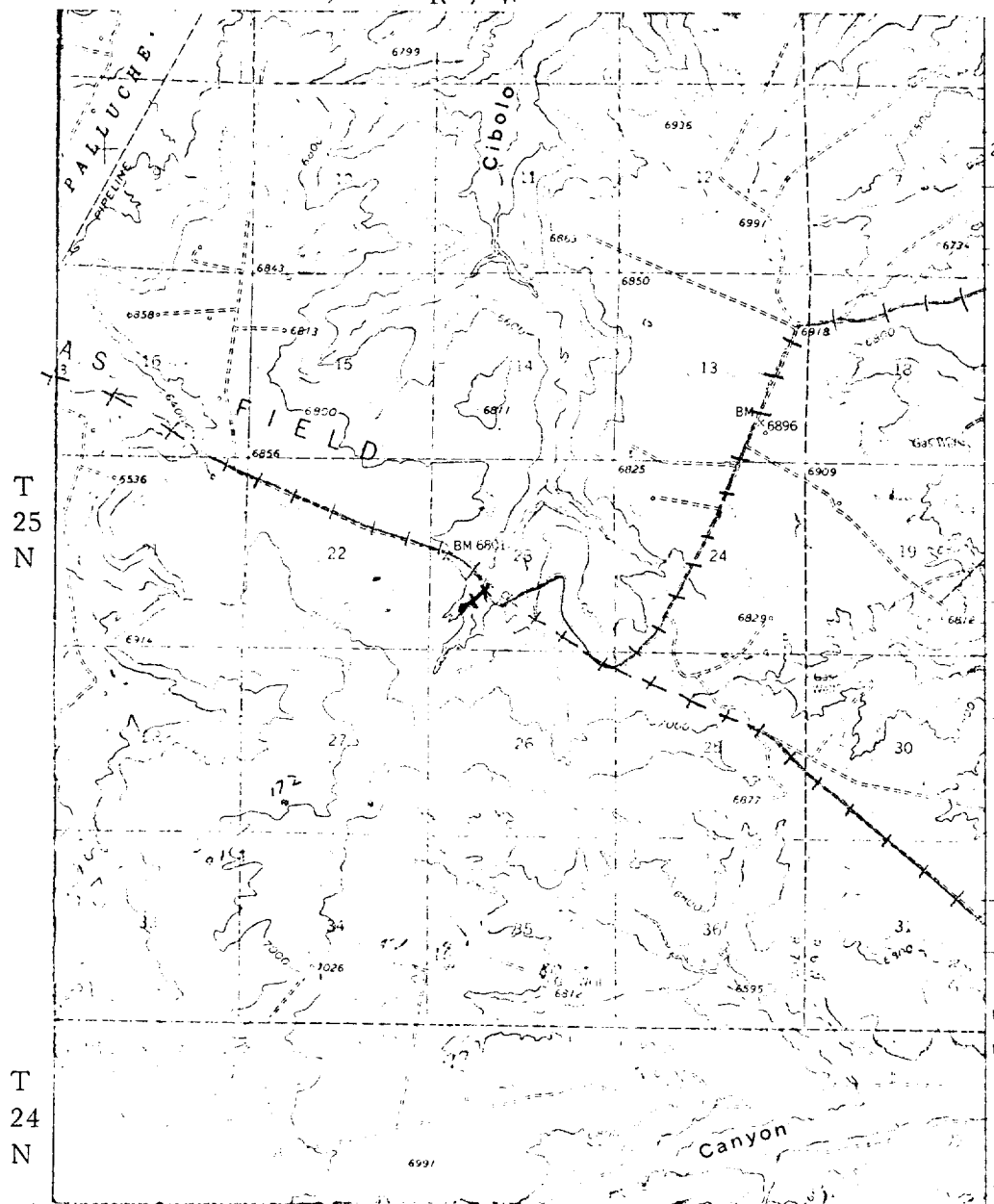
November 3, 1980

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.

JULY 19, 1973

*David Kilven*  
1760

## R-7-W



### LEGEND OF RIGHT-OF-WAYS

EXISTING ROADS	_____
EXISTING PIPELINES	++ ++ ++
EXISTING ROAD & PIPELINE	++ ++ ++
PROPOSED ROADS	_____
PROPOSED PIPELINES	++ ++ ++
PROPOSED ROAD & PIPELINE	++ ++ ++