

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-21036

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 990, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface 1600'N, 1770'W
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6549'GL

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

3050'

17. NO. OF ACRES ASSIGNED
TO THIS WELL
160.00

20. ROTARY OR CABLE TOOLS

Rotary

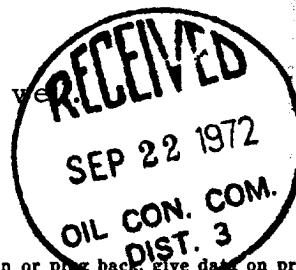
22. APPROX. DATE WORK WILL START*

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#	120'	107 cu. ft. to circulate
6 3/4"	2 7/8"	6.4#	3050'	366 cu. ft. to cover Ojo Alamo

Selectively perforate and sandwater fracture the Pictured Cliffs formation.

The NW/4 of Section 20 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 JH Wood TITLE Petroleum Engineer DATE September 21, 1972

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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



NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Section 20, T. 29-N, R. 8-W, S. 1600', E. 1770'

All distances must be from the intersection of the section lines.

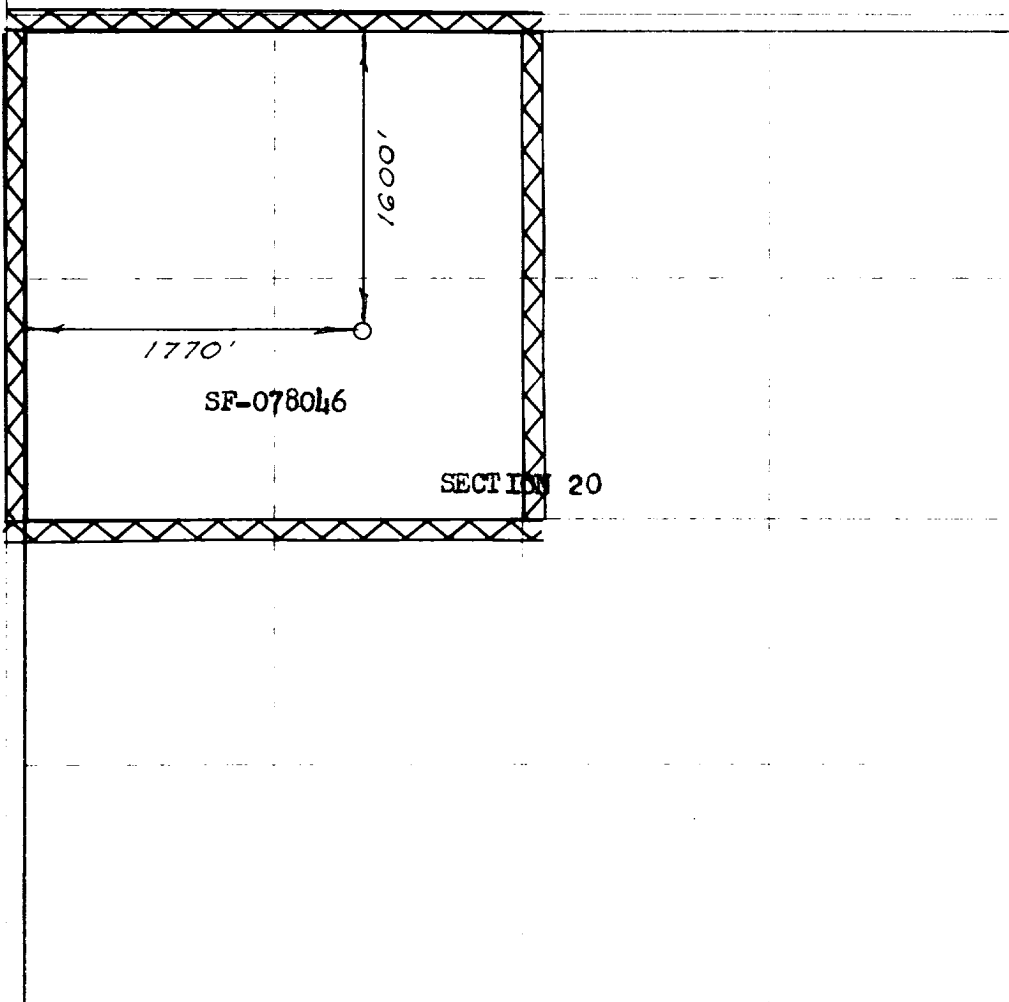
EL PASO NATURAL GAS COMPANY		HUGHES		(SF-078046)	18
F	20	29-N	8-W	SAN JUAN	
1600	NORTH		1770	WEST	
6549	PICTURED CLIFFS		BLANCO PICTURED CLIFFS	160.00	

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 thereon (interests in working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests consolidated by communitization, unitization, force-pooling, etc?

Yes ☐ No ☐ If answer is "yes" type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated (attach separate sheet if this form is necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



COMMITTEE ACTION

Whereby, the committee on the subject of the well location and acreage dedication to the well location and acreage dedication to the best of its knowledge and belief.

Original Signed F. H. WOOD

Petroleum Engineer

El Paso Natural Gas Company

September 21, 1972

SEPTEMBER 11, 1972

David Kilmer
1760