

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

30-045-20923
5. LEASE DESIGNATION AND SERIAL NO.
SF 078499-A
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Hardie E
9. WELL NO.
6
10. FIELD AND POOL, OR WILDCAT
S. Blaney
Undesignated Pictured Cliffs
11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Sec. 23, T-28-N, R-8-W
N.M.P.M.
12. COUNTY OR PARISH
San Juan
13. STATE
New Mexico

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

Box 990, Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1500' N, 1490' E

At proposed prod. zone

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

10. DISTANCE FROM PROPOSED*

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

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160.00

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

19. PROPOSED DEPTH

2916'

20. ROTARY OR CABLE TOOLS

Rotary

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

6231' GL

22. APPROX. DATE WORK WILL START*

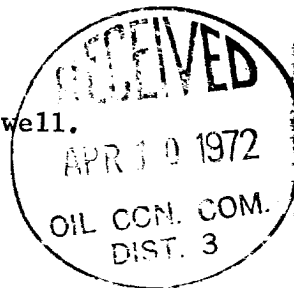
23.

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#	130'	107 cu.ft. to circulate
6 3/4"	2 7/8"	6.4#	2916'	335 cu.ft. to cover Ojo Alamo

Selectively perforate and sandwater fracture the Pictured Cliffs formation.

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



APR 7 1972

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 F.H. Wood TITLE Petroleum Engineer DATE April 6, 1972
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Supersedes 1-1-72
1-1-1972-1-1-72

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

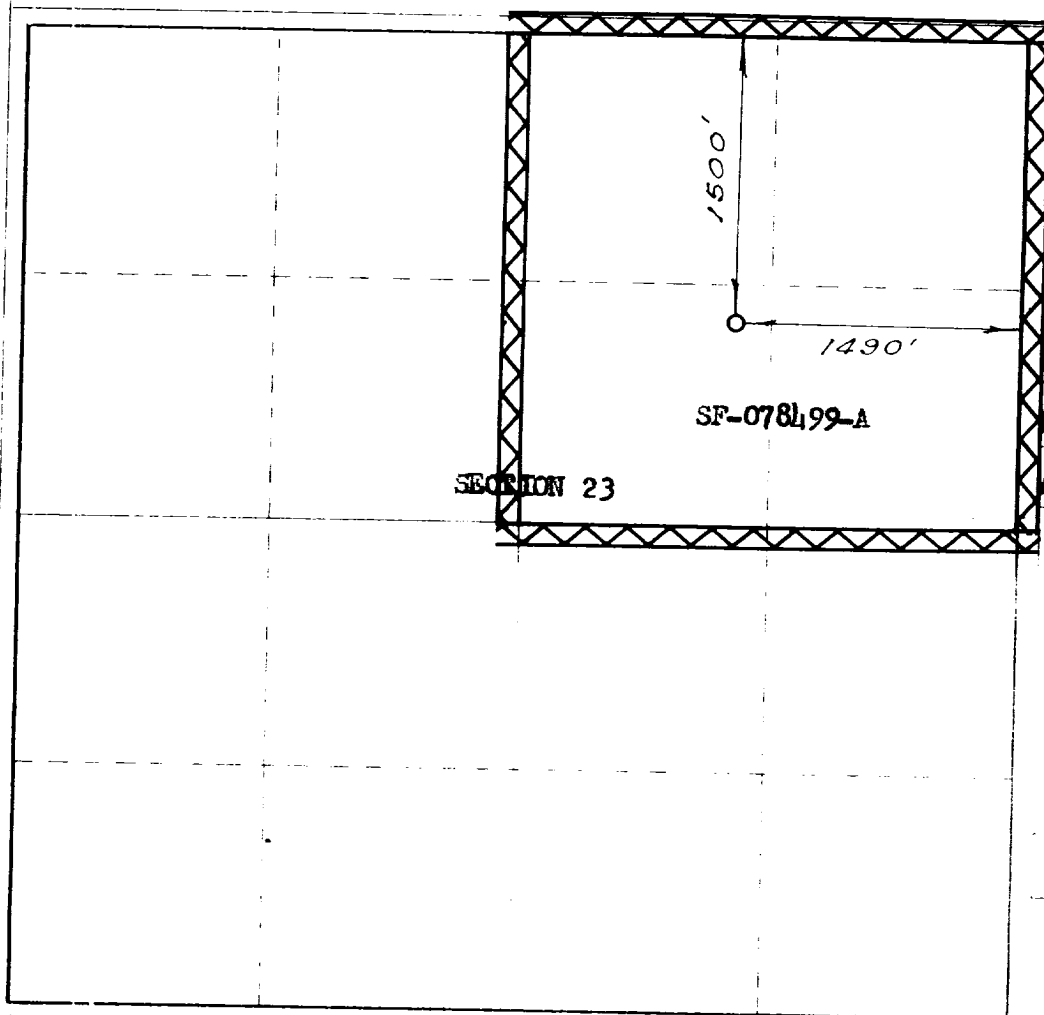
EL PASO NATURAL GAS COMPANY			HARDIE E		(SF-078499-A)	6
G	23	28-N	8-W	SAN JUAN		
1500	NORTH		1490	EAST		
6231	PICTURED CLIFFS		UNDETERMINED <i>S. Blanco</i>	PICTURED CLIFFS		160.00 ✓

- Outline the acreage dedicated to the subject well by colored pencil or machine marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (including interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, forced-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, (if necessary, on 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 F. H. WOOD

Petroleum Engineer

El Paso Natural Gas Company

April 6, 1972

I hereby certify that the well location shown on this plat was plotted from field notes of an engineer made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

FEBRUARY 24, 1972

David Kilmer
1760