

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-20944

LEASE ORIGINATOR AND SERIAL NO.

NM 8420-A

IF INDIAN, ALLOTTED OR TRIBE NAME

LEASE AGREEMENT NAME

Rocky Arroyo

NAME OF LEASE OWNER

Patterson 'A'

WELL NO.

#1

WATER AND POOL, OR WILDCAT

Wildcat

SECTION, T. R. M. OR F.M.
AND SURVEY OR AREA

Sec. 20, T-22-S, R-22-E

COUNTY OR PARISH

Edgely New Mexico

NO. OF ACRES ASSIGNED
TO THIS WELL

320

ROTARY OR CABLE TOOLS

Rotary

APPROX. DATE WHEN WELL START

9-5-73

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. NAME OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

2. TYPE OF WELL

CAS
WELL ☐

CAS
WELL ☒

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

3. NAME OF OPERATOR

El Paso Natural Gas Company

4. ADDRESS OF OPERATOR

1800 Wilco Building, Midland, Texas 79701

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

Surface

2310 FWL, 660 FSL

At proposed prod. zone

O. C. C.

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

Approximately 30 miles NW of Carlsbad, New Mexico

7. DISTANCE FROM PROPOSED

LOCATION TO NEAREST
PROPERTY OR DEED LINE, FE.
(Give to nearest 1/4 mile line if any.)

3600

8. NO. OF ACRES IN LEASE

640

9. DISTANCE FROM PROPOSED LOCATION

TO NEAREST WELL BEING COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

3200

10. PROPOSED DEPTH

+ 9800

11. ELEVATIONS (Show whether DE, RL, GR, etc.)

4477' Gr.

12. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	36#	2,000	750 SXS
8 3/4"	5 1/2"	15.5# & 17#	9,800	1200 SXS

Plan to drill 12 1/4" hole to 2000', run 9 5/8" csg & cmt to surface. WOC 12 hrs. & test to 1500# for 15 mins. Drill 8 3/4" hole to 9,800'. (DST's may be run on any formation indicating production during this stage of drilling.) Run 5 1/2" csg & cmt to surface in 2 stages. WOC 24 hrs. If production is indicated, complete well in production zone (s) according to rules and regulations of N.M.O.C.C.

It is our understanding that this location is in a "Declared Water Basin". All pipe settings & cementing operations will be done according to the requirements of the proper authorities.

RECEIVED

AUG 30 1973

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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.

SIGNED C. D. Kypreos TITLE Production Clerk DATE August 28, 1973
(This space for Federal or State office use.)

SEP 5 1973

PERMIT NO.

APPROVAL DATE

DISTRICT ENGINEER

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL

Attached Deep Well Control Requirements

DECLARED WATER BASIN

NOTIFY BUREAU IN SUFFICIENT TIME TO

WITNESS CEMENTING THE CASING

THIS APPROVAL IS FORTHWITH IF OPERATIONS ARE NOT COMMENCED WITHIN 3 MONTHS.

CEMENT BEHIND THE CASING MUST BE CIRCULATED

See Instructions On Reverse Side