

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

1800 Wilco Building, Midland, Texas 79701

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

At surface

660 FSL, 2180 FEL

At proposed prod. zone

NOV - 2 1973
O. C. C.
ARTESIA OFFICE

6. LEASE DESIGNATION AND SERIAL NO.

NM-5410 NM-6014

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Rocky Arroyo

8. FARM OR LEASE NAME

Rocky Arroyo "D"

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLS.
AND SURVEY OR AREA

Sec. 5, T-22-S, R-22-E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

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

Approximately 30 miles NW of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED*

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

660

16. NO. OF ACRES IN LEASE

799.12

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION*

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

2800

19. PROPOSED DEPTH

9400

20. ROTARY OR CABLE TOOLS

10-15-73

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

4463.8 Gr.

22. APPROX. DATE WORK WILL START*

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#	9,400	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 9400'. (DST's may be run on any formation indicating production during this stage of drilling.) Run 5 1/2" csg & cmt to 1000' above top of pay. 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

OCT 12 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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout prevention program, if any.

23.

SIGNED

C. D. Ryan

TITLE

Production Clerk

DATE

October 10, 1973

(This space for Federal or State office use)

PERMIT NO.

SUBJECT TO ATTACHED DEEP WELL CONTROL
REQUIREMENTS DATED JUN 22 1973

APPROVED BY

CONDITIONS

NOV 1 1973

R. L. BEEKMAN

ACTING DISTRICT ENGINEER

THIS APPROVAL IS VALID FOR 12 MONTHS
IF NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES FEB 1 1974

See Instructions On Reverse Side

DECLARED WATER BASIN
9 5/8"
CEMENT BEHIND THE
CASING MUST BE CIRCULATED

NOTIFY USGS IN SUFFICIENT TIME TO
WITNESS CEMENTING THE CASING.