

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

760' FNL, 1650 FWL

At proposed prod. zone

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

3 miles SE

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

760

16. NO. OF ACRES IN LEASE

160

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.

19. PROPOSED DEPTH

1650

20. ROTARY OR CABLE TOOLS

Pulling Unit

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

3002 GR

22. APPROX. DATE WORK WILL START*

4-26-76

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
	13 3/8	48#	542'	500
	9 5/8	40#	3,633'	3,450
	7	26#	8,170'	300

1. RU pulling unit, remove wellhead & set BOP.
2. Plug back Devonian interval (7,980-8,090) with 85 sx cmt.
3. Pull 2 7/8" tbg out of hole.
4. Run csg inspection log from 3,600' to PBD & pressure test csg.
5. If any holes are indicated, sqz cmt behind csg.
6. After pressure tests of csg indicate no pressure losses or water influx run Comp. Neutron Density log & cmt bond log from 4,000' to PBD.
7. If logs indicate potential economic gas in the Drinkard, perf those zones w/.42 csg gun under acid.
8. RI tbg w/RTTS pkr & tst perf'd zones.
9. Treat zones w/clean up acid followed by fracture treatment if tests indicate a fracture treatment is warranted.
10. If Drinkard zones are not productive & the logs indicate that the Glorietta may be, plug back any perforated zones in the Drinkard & proceed to perforate (over)

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 C. D. Kysar

TITLE Lead Production Clerk

DATE 4-12-76

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AMENDED
APR 19 1976
ARTHUR R. BROWN
DISTRICT ENGINEER

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local

State or Federal office for specific instructions,

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

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and test Glorietta as above, and test Glorietta as above, If the Drinkard zones are not productive and the compensated neutron-Formation Density Logs of the Glorietta are inconclusive, it may be necessary to squeeze cement the csg across the Glorietta interval from 4,500-5,980', then repeat the logging operations before perforating that interval.

[illegible]