

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

Doyle Hartman

3. ADDRESS OF OPERATOR

P. O. Box 10426, Midland, Texas 79702

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

At surface 330' FSL and 660' FWL (M), Section 4

At proposed prod. zone

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

2.1 miles north and 0.75 miles east of Jal, New Mexico

16. DISTANCE FROM PROPOSED*

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

330 feet

18. DISTANCE FROM PROPOSED LOCATION*

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

330

16. NO. OF ACRES IN LEASE

838.70

19. PROPOSED DEPTH

3350

17. NO. OF ACRES ASSIGNED
TO THIS WELL

120

20. ROTARY OR CABLE TOOLS

Rotary

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

3189.9 GL

22. APPROX. DATE WORK WILL START*

December, 1984

23.

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|---------------|----------------|-----------------|---------------|--------------------|
| 15 | 16 13 3/8 | 33.55 | 40 | 20 (Circulate)* |
| 14 3/4 12 1/4 | 9 5/8 | 36 | 400 | 200 (Circulate)* |
| 8 3/4 | 7 | 23 | 3350 | 600 (Circulate)* |

A 10 3/4" 2000-psi rotating head will be used while drilling surface hole. Before drilling out from under the surface pipe, the well will be equipped with a 3000-psi 10-inch series 900 Double-Ram Hydraulic BOP.

For other necessary BOP data required with this APD, see attached Drilling Prognosis.

Note: Any gas produced from this well is dedicated to El Paso Natural Gas Company.

* Same pipe and cementing program as for Doyle Hartman El Paso Wells Federal No. 1 (E-4-25-37).

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

Larry A. Nenniger

TITLE

Engineer

DATE

Nov 21, 1984

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

Lan Wood

TITLE

DATE

12-18 84

CONDITIONS OF APPROVAL, IF ANY:

Subject to
Like Approval
by State

*See Instructions On Reverse Side

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED