

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  
810 FNL and 460 FWL (D), Section 5  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
3.25 miles north and 0.25 miles east of Jal, New Mexico

15. DISTANCE FROM PROPOSED\*  
LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)  
460 feet

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.  
250

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
3231.3 GL

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15	13 3/8	33	40	20 (Circulate) *
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. Nunn TITLE Engineer DATE Apr 30, 1984

(This space for Federal or State office use)

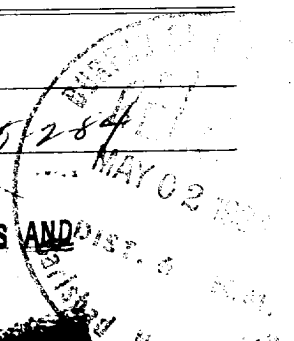
PERMIT NO. any signed  
APPROVED BY L. Mark Hill  
CONDITIONS OF APPROVAL, IF ANY:

Unorthodox location  
requires state  
approval

APPROVAL DATE  
AREA MANAGER  
TITLE CARLSBAD REGIONAL AGT

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

\*See Instructions On Reverse Side



RECEIVED  
MAY 3 1984  
O.C.D.  
HOBBS OFFICE