

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Enron Oil & Gas Company

3. ADDRESS OF OPERATOR

P. O. Box 2267, Midland, Texas 79702

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

At surface

660' FSL & 1980' FEL

At proposed prod. zone

660' FSL & 1980' FEL

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

32 miles west of Jal, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

660'

PROPERTY OR LEASE LINE, FT.

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

660'

16. NO. OF ACRES IN LEASE

320

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.

None

19. PROPOSED DEPTH

13,666'

20. ROTARY OR CABLE TOOLS

-

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

3364.0' GR

22. APPROX. DATE WORK WILL START*

When Permitted

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2	13-3/8	48	640	750 sacks Circulated
12-1/4	9-5/8	40 & 36	4875	2375 sacks Circulated
8-1/2	7	26	13264	1425 sacks
6-1/8	4-1/2" liner	15.10	16047	425 sacks TOL: 12889

To Temporarily Abandon the Morrow and Recomplete in the Wolfcamp.

RU slick line, install 5000 psi lubricator; RIH with sinker bars on slick line & determine PBTD.

Spot sand plug across Morrow perforations as follows:

Mix 1500 gallons 30#/1000 gelled 2% KCL wtr w/1 gal LOSURF & 3 gals Cla-Sta XP

Add 8800# of 20/40 sand & pump

Pump 3400 gals 2% KCL wtr to displace sand to Morrow perfs. Do not exceed 8000 psi surface pressure.

Shut down overnight to allow sand plug to fall. Top of sand plug should be $\pm 14,900'$

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.

(OVER)

24.

SIGNED

Betty Gildon

Betty Gildon

TITLE

Regulatory Analyst

DATE

6/16/92

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

6/26/92

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

NOTE: actual volume of sand plug may vary based on PRTD check in Step 1.

Pressure test sand plug to 2000 psi for 15 minutes.

RU perforators, 10,000 psi lubricator, grease equipment.

RIH w/2-1/8" semi-expendable strip gun with gamma ray & perforate Wolfcamp interval 13,666'-13,676' with 2 SPF (total 22 holes); check for pressure increase after perforating.

Attempt to flow well; jet if necessary. If possible, flow test well a few days.

If warranted, acidize Wolfcamp with 1500 gals 20% NeFe.