

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' FNL & 1880' FWL

At proposed prod. zone

660' FNL & 1880' FWL

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

29 miles west of Jal, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. 660
(Also to nearest drlg. unit line, if any)

660

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320 N/2

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

None

19. PROPOSED DEPTH

13,794'

20. ROTARY OR CABLE TOOLS

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

3359.6' GR

22. APPROX. DATE WORK WILL START*

6/11/92

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	624	515 sacks Circulated
12-1/4	9-5/8	36 & 40	5050	2475 sacks Circulated
8-3/4	7	26	13500	1250 sacks
6-1/8	5-1/2" Liner	29	14950	TOL: 13,185
4-3/4	3-1/2" Liner	10.3	15,946	TOL: 14,613

Propose to TA the Atoka & recomplete in the Wolfcamp.

Spot sand plug across Atoka perforations as follows:

Lay surface lines & Pressure test to 8000 psig; open & monitor 2-7/8" x 7" annulus.
Mix & pump 1200 gallons of 20# gelled 2% KCl water with 3 ppg 20/40 mesh sand.
Displace fluid to perforations with 3600 gallons 2% KCl water.

Note: Do not exceed 8000 psig surface pressure
Shut down overnight to allow sand plug to fall; top of sand plug should be \pm 14,295'.

Pressure test sand plug to 2000 psig for 15 minutes

(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

Betty Gildon

Betty Gildon

Regulatory Analyst

DATE 6/10/92

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

6/11/92

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Tag sand plug with slick line to determine top of plug.

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

RIH with 1 11/16" through tubing gun & perforate with 4 SPF Wolfcamp intervals
13,794'-798' & 13,803'-811'

Flow test and place on production; swab if necessary.

Acidize Wolfcamp with 1500 gallons 15% HCl.