

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN '93

1A. TYPE OF WORK

DRILL ☒

DEEPEN ☐

B. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER ☐

CARL
135
SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Kaiser-Francis Oil Company

3. ADDRESS AND TELEPHONE NO.

P.O. Box 21468, Tulsa, OK 74121-1468

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

At surface

530' FSL & 1650' FWL

At proposed prod. zone

Same

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

17 miles East from Loving

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 330'

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 990'

19. PROPOSED DEPTH

8100'

20. ROTARY OR CABLE TOOLS

Rotary

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

3354', GR

22. APPROX. DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

Secretary's Potash / R-111-P Potash

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2	13-3/8	48#	700	700 sacks Circulated
11	8-5/8	32#	4070	1000 sacks Circulated
7-7/8	5-1/2	17#	8100	1370 sacks tie back @ least 200' into 8-5/8"

Stage tool @ 6200'

Controlled Water Basin

1. MIRU Rotary.
2. Drill 17-1/2" hole to 700', run & set 13-3/8" surface casing & cmt w/700' sx.
3. Install 3000# BOP & test to 600#.
4. Drill 11" hole to 4070', run & set 8-5/8" intermediate casing & cmt w/1000 sx.
5. Test csg to 1000#.
6. Drill 7-7/8" hole to 8100' & run electric logs.
7. If hydrocarbons are indicated, run & set 5-1/2" csg @ 8100' w/stage collar at 6200' and cmt 1st stage w/580 sx & 2nd stage w/790 sx.
8. RDMO rotary, install wellhead, run cement bond log, perforate and stimulate for production.

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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

Milton R. Bruffin

TITLE

Operations Engineer

DATE

2-24-93

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

/s/ Kathy Eaton

TITLE

Acty State Director

DATE

7-20-93

*See Instructions On Reverse Side