

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYJUL 17 1978
(Other instructions on reverse side)

30-015-22614

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

Beard Oil Company ✓

3. ADDRESS OF OPERATOR

2000 Classen Center South, Suite 200

2000 Classen Boulevard, Oklahoma City, Oklahoma 73106

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

At surface

990' FNL and 1980' FWL

At proposed prod. zone

Same

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

Approximately 15.75 miles south of Hope, New Mexico

15. DISTANCE FROM PROPOSED*

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

990'

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

None

16. NO. OF ACRES IN LEASE

642.12

19. PROPOSED DEPTH

8600'

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

4067.6' GR

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/4"	13-3/8"	54.5# H-40	280'	Approx. 300 sx - Sufficient to circulate
12 1/4"	8-5/8"	24# K-55	1000'	300 sx Class "A" or "H" 1t wt tailed in with 100 sx Class "A" or Class "H"
7-7/8"	4 1/2"	10.5# and 11.6# K-55	8600'	Minimum of 200 sx. Will depend on zones that need pro- tection

Mud Program: The mud program will consist of a fresh water system to the top of the Abo and a 3%-5% KCl solution from that point to TD. Mud weight at TD 8.8 to 9.0 lbs. per gallon. Viscosity 40 to 50.

BOP Program: Shaffer IWS Series 900 Double BOP hydraulic operated. See Exhibit D.

Gas sales are not dedicated.

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

Edward N. Lucking

TITLE Agent for Beard Oil Company

DATE 6/28/78

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

JUL 11 1978

APPROVED BY

Albert R. Hall

TITLE

ACTING DISTRICT ENGINEER

DATE

JUL 11 1978

CONDITIONS OF APPROVAL, IF ANY: