

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-23775

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

HARLAN OIL COMPANY ✓

(Ph. 505-746-3692)

3. ADDRESS OF OPERATOR

P. O. Box 668, Artesia, New Mexico 88210

RECEIVED

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

At surface

2310' FSL & 950' FWL of Sec. 30-19S-31E

MAY 8 1981

At proposed prod. zone
same

O. C. D.

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

32 air miles east-southeast of Artesia, New Mexico

ARTESIA, OFFICE

15. DISTANCE FROM PROPOSED*

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

950'

16. NO. OF ACRES IN LEASE

635.16

17. NO. OF ACRES ASSIGNED
TO THIS WELL

39.24

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

620'

19. PROPOSED DEPTH

2500' SR

20. ROTARY OR CABLE TOOLS

Rotary

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

3439 G. L.

22. APPROX. DATE WORK WILL START*

5-15-81 (Spud)

23.

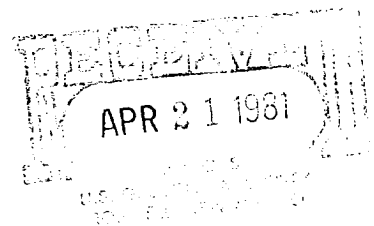
PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11	8 5/8	23 #	400'	Circulate cement to surface
7 7/8	4 1/2	9.5#	2500'	200 sacks

Well will be drilled to the Seven Rivers Reef and all potential zones will be evaluated. If commercial production is indicated, well will be selectively perforated and stimulated.

Attached are:

1. Well Location and Acreage Dedication Plat
2. Ten-Point Supplemental Drilling Data
3. Surface Use Plan.



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

James A. Knauf

TITLE Agent

DATE April 17, 1981

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL: MAY 5 1981

FOR

JAMES A. GILLHAM
DISTRICT SUPERVISOR

*See Instructions On Reverse Side