

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

Harcorn Oil Company

3a. Area Code & Phone No.

505-677-2260

3. ADDRESS OF OPERATOR

P.O. Box 38, Loco Hills, NM 88255

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

At surface

660' FEL & 1980' FNL

At proposed prod. zone

As above

ARTESIA, OFFICE

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

7 miles ENE Loco Hills

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
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

40

18. DISTANCE FROM PROPOSED LOCATION*

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

1320

19. PROPOSED DEPTH

3920

20. ROTARY OR CABLE TOOLS

Rotary

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

3948 DF

22. APPROX. DATE WORK WILL START*

11-6-89

23.

PROPOSED CASING AND CEMENTING PROGRAM

HOLE SIZE	CASING SIZE	WEIGHT/FOOT	GRADE	THREAD TYPE	SETTING DEPTH	QUANTITY OF CEMENT
NA	8 5/8"	NA	NA	NA	740	100 sx
NA	7"	NA	NA	NA	3220	200 sx
6 1/4"	5"	15	J.	8 RD	3920	120 sx

Well originally drilled in February, 1955. Present TD 3870'. We propose to deepen this well to 3920' and set a 5" liner to TD. The liner will be cemented back into the 7". The well is currently producing from open hole, 3220' - 3870'. Deepening will penetrate the upper Jackson. Production will be through perms to be determined.

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

Bernard Paul

TITLE Manager

DATE 10-25-89

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Orig. Signed by Shannon J. Shaw

PETROLEUM ENGINEER

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE 11-5-89

*See Instructions On Reverse Side