

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

HAWTHORNE OIL & GAS CORPORATION

3. ADDRESS OF OPERATOR

P. P. BOX 27725; HOUSTON, TEXAS 77227-7725

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

At surface

1980' FNL & 1980' FNL, Sec. 7
At proposed prod. zone

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

APPX. 3 MILES SE OF WHITE CITY, NM

15. DISTANCE FROM PROPOSED*

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

1980

16. NO. OF ACRES IN LEASE

319

17. NO. OF ACRES ASSIGNED
TO THIS WELL

319

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

n/a

19. PROPOSED DEPTH

n/a

20. ROTARY OR CABLE TOOLS

workover unit

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

3449' KB

22. APPROX. DATE WORK WILL START*

3/11/91

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"	94#	55	175 Sx Redimix
17.50"	13.375"	48 #	504'	509 sx
12.35"	10.75"	40.5#	1450	688 sx.
9.50"	7.625"	33.7 & 29.7#	9132'	445 sx.
6.50"	5"	18#	8535-11,966'	250 sx

A 3000 psig MANUAL BOP WILL BE USED DURING COMPLETION OPERATIONS.

KILL FLUIDS OF SUFFICIENT DENSITY TO CONTAIN THE FORMATION BHP WILL BE USED.

PRESENT PRODUCING ZONE NO LONGER COMMERCIAL DUE TO LOW BOTTOM HOLE PRESSURE
AND EXCESSIVE WATER PRODUCTION. AN ATTEMPT WAS MADE TO SHUT OFF THE WATER
IN 12/90; IT WAS NOT SUCCESSFUL.

OPERATOR PLANS TO ATTEMPT A RECOMPLETION IN THE ATOKA @ 10,832' to 10,900' KB.
If that is unsuccessful, an attempt will be made to complete in the Wolfcamp
at appx. 9550' KB.

PLEASE SEE BACK SIDE FOR COMPLETION DETAILS RELATING TO THE ATOKA ZONE.

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

TITLE Consulting Engineer

DATE 3/6/91

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side