

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐DEEPEN ☐PLUG BACK ☒

1b. TYPE OF WELL

Oil ☐Gas ☒

OTHER

SINGLE

ZONES ☒

MULTIPLE

ZONES ☐

2. NAME OF OPERATOR

HIXON DEVELOPMENT COMPANY

3. ADDRESS OF OPERATOR

Earth Sciences Company

510 Bank of the Southwest, Bldg., Amarillo, Texas 79109

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

At surface

660 FSL; 1980 FEL Sec. 5

At proposed prod. zone

Same

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

23 miles south of Farmington, New Mexico

6. DISTANCE FROM PROPOSED*

WELL TO NEAREST

WELL OR LEASE LINE, FT.

(Add to correct dir. unit line, if any)

660'

7. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR AROUND PER. OF THIS LEASE, FT.

990'

16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

19. PROPOSED DEPTH

PBD 1180 KB

20. ROTARY OR CABLE TOOLS

Rotary

8. MEASUREMENTS (Show whether DP, RT, GR, etc.)

6188 DP

6190 KB

22. APPROX. DATE WORK WILL START*

September 28, 1974

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
7 7/8"	5 1/2"	15.5#	5060'	100 sk

Present productive zone is the Lower Gallup Sand perforated from 4780'-4800'; 4846'-4854' and 4861'-4872' with the 5 1/2" casing set at 5060' and cemented with 400 sacks. It is proposed that the Lower Gallup perforations be squeezed off with cement with top of cement plug at 4600'. It is also planned to set a wire line plug at 1400' and a cement plug on top of wire line plug. The 5 1/2" casing will be perforated at 1300' and cemented back to 8 5/8" casing set at 305'. The 5 1/2" casing will then be perforated for production from 1090' to 1100'.

RECEIVED

OCT 4 1974

U. S. GEOLOGICAL SURVEY
FARMINGTON, N.M.

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 prevention program, if any.

SIGNED

TITLE

Production Engineer

DATE

9/30/74

(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

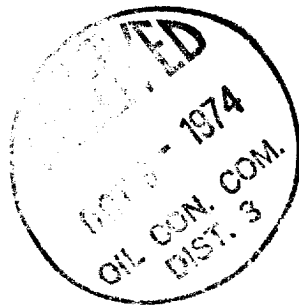
nmcc -

Mae says to add
the following condition:

"Plug w/cement 3200 -
3300, additional
plug," to the

"Revised Proposal" to applica-
tion to drill the Hixon
Development well # 57
C.B.U. 5-25N-12W. The
report is dated 10.4.74.
Thanks.

nsbs



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(Give to nearest city, unit line, if any)

660'

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TO NEAREST WELL, DRILLING, COMPLETED,

OR ADJACENT WELL, ON THIS LEASE, FT.

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6188 DP

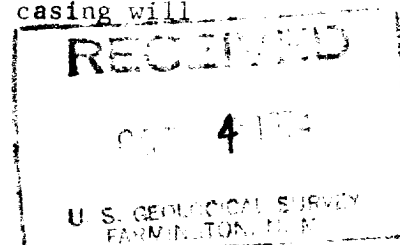
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