

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 ☒

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐OTHER ☐SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

PATRICK PETROLEUM CORPORATION OF MICHIGAN

3. ADDRESS OF OPERATOR

388 Denver Club Building, Denver, Colorado 80202

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

At surface
2375' FWL and 790 FNL

At proposed prod. zone NE NW Sec. 17, T27N - R12W

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

17 miles south of Farmington, New Mexico

15. DISTANCE FROM PROPOSED*

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

790'

16. NO. OF ACRES IN LEASE

640'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

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

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19. PROPOSED DEPTH

5775'

20. ROTARY OR CABLE TOOLS

Not applicable

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

22. APPROX. DATE WORK WILL START*

23. Existing ~~PROPOSED~~ CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24.0	255'	225 sx class "H"
7-7/8"	4-1/2"	10.5	6069'	280 sx 50-50 poz

Set cast iron bridge plug at 5840'. Dumped 5 sx of cement on top of plug.
P.B.T.D. at 5775'. We propose to perforate and test the Greenhorn formation
at 5688' - 5694' w/2 SPF at 5720'=5734' w/2 SPF and at 5748-5758' w/2 SPF.
Acidize with 200 gals. mud acid with claymaster and non-emulsifying agent.
If dry, we will P & A as per U.S.G.S. and State of New Mexico.

Verbal approval given by Jim Sims on 10/26/79.

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

Craig S. Onodera

TITLE

LeClair-Westwood, Inc.
Production Engineer

DATE

11/8/79

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

NOV 27 1979

JAMES F. SIMS
DISTRICT OIL & GAS SUPERVISOR

*See Instructions On Reverse Side