



RECEIVED
SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)
DEC 4 1972

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COLD OIL & GAS CONS. COM. WIA. C-12636

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
Sohio Petroleum Company & May Petroleum, Inc.

3. ADDRESS OF OPERATOR
Box 673, Russell, Kansas 67665

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
1990' FNL & 669' FWL Sec. 27-11N-81W of 6th P.M.
At proposed prod. zone **C SW NW**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Nine miles NW of Cowdroy, Colorado

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 **530***

17. NO. OF ACRES ASSIGNED TO THIS WELL

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

19. PROPOSED DEPTH **4,500'**

20. ROTARY OR CABLE TOOLS
Rotary tools

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
8,552' GR

22. APPROX. DATE WORK WILL START*
December 15, 1972

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	9-5/8	36	400'	To surface Est. 375 sx
8-3/4	5-1/2	14# - 15.5#	4500'	200 sx

* Lease covers all of Section 27 except SE NW, NE NE, E/2 NW NE & SW NW NE.

Rotary tools to be used to drill and test the Dakota formation. Estimated TD - 4500'. One or more drill stem tests will be run if warranted, hole will be logged, casing set if shows warrant. Pipe will be perforated and well tested and treated if necessary. Hydraulic BOP will be used while drilling.

Surface is in Pierre Shale.

DVR	
FJP	
NHM	<input checked="" type="checkbox"/>
JAM	<input checked="" type="checkbox"/>
JJD	<input checked="" type="checkbox"/>

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 **Original Signed By W. H. WARD** TITLE **Acting Dist. Supt.** DATE **12-1-72**

(This space for Federal or State office use)

PERMIT NO. **721012**

APPROVAL DATE **DEC 5 1972**
DIRECTOR
G. G. CONS. COMM

APPROVED BY **D. V. Rogers**
CONDITIONS OF APPROVAL, IF ANY:



A.P.I. NUMBER
05 057 6064

*See Instructions On Reverse Side