

COPY TO O. C. C.
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK			5. LEASE DESIGNATION AND SERIAL NO. LC 061446	
1a. TYPE OF WORK DRILL ☐ DEEPEN ☐ PLUG BACK ☒			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐			7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Sohio Petroleum Company			8. FARM OR LEASE NAME Petree	
3. ADDRESS OF OPERATOR P.O. Box 3009, Midland, Texas 79702			9. WELL NO. 3	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1874' FWL & 766' FWL At proposed prod. zone			10. FIELD AND POOL, OR WILDCAT Brunson-Killenburger	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 1/2 mile west & 1-3/4 miles south of Eunice, New Mexico			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 9, T22S, R37E, NEPM	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 766'		16. NO. OF ACRES IN LEASE 40		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. —		19. PROPOSED DEPTH PBTD + 8075'		20. ROTARY OR CABLE TOOLS —
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3428' DF				22. APPROX. DATE WORK WILL START* February 6, 1980

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

The subject well is currently shut-in as an open hole completion in the Killenburger from 8089'-8120'. It was TA'd as uneconomical 3/20/64. Recent development in the area has indicated potential oil reserves in the Fusselman horizon + 7196'. By this application Sohio as operator requests permission to set a permanent bridge plug at + 8075' in the 7" casing above the open hole Killenburger zone and recomplate in the Fusselman through selected perforations between 7230' and 7262' as taken from porosity breaks measured on cased hole logs. The Killenburger formation is depleted on this lease, however, there are two other producing wells on this 40 acres: the #2, producing from the Paddock horizon 5158' and the #4, a Drinkard completion 6463'.

PLACE 10 SA CEMENT ON TOP OF BP.

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. SIGNATURE J. R. Walters TITLE District Superintendent DATE 1/31/80
(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED
AS AMENDED

TITLE

DATE

FEB 6 1980

ACTING DISTRICT ENGINEER

*See Instructions On Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

