

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.

APPLICATION FOR PERMIT TO DRILL DEEPEN OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒ Re-Entry DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL

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

2. NAME OF OPERATOR

SAGUARO OIL COMPANY

3. ADDRESS OF OPERATOR

P.O. BOX 51 FARMINGTON, NEW MEXICO 87401

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

At surface 660 FSL, 660' FWL (Unit "M") of Sec 34

At proposed prod. zone

87402

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

Eighteen (18) miles south of SHIPROCK, New Mexico

15. DISTANCE FROM PROPOSED*

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

660 feet

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

2640 feet

16. NO. OF ACRES IN LEASE

2560 acres

19. PROPOSED DEPTH

6828 feet

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320 acres

20. ROTARY OR CABLE TOOLS

Rotary

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

5624' Ground

22. APPROX. DATE WORK WILL START*

Dec. 20, 1974

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	43#	403'	250 ex 50-50 pozmix
17 1/2"	9 5/8"	36 and 40#	4500'	50-300 ex top, 300 ex bottom
8 3/4"	7"	23#	6591'	200 ex pozmix, 90 ex neat
6 1/2"	5" liner	15#	6518 - 7307'	75 ex neat

Note: This is a re-entry, the old well is the Sinclair (Atlantic Richfield) No. 1 Navajo Tribal No. 141 completed in August 1963 as a shut-in non-inflammable gas well. Atlantic Richfield in October, 1972 plugged the well leaving the casing in the hole and placed cement plugs across the perforations (6812-17, 6822-28) and at various uphole intervals in the existing casing.

SAGUARO OIL COMPANY proposes to re-enter the well and drill out existing plugs to 6828' and attempt to recomplete in the Mississippian formation selectively from 6715' to 6800 feet.

IN ABOVE PROPOSAL, IF PROPOSED PROGRAM IS TO RE-ENTER 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

Robert E. Lauth

TITLE

Geological Consultant

DATE

Nov. 29, 1974

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DEC 3 1974

*See Instructions On Reverse Side

Note: Adequate Blowout Preventer equipment will be furnished by the Contractor

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.