

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

SOMIO PETROLEUM COMPANY

3. ADDRESS OF OPERATOR

P. O. Box 3000, Midland, Texas 79701

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

At surface

2310' FWL, 660' FWL, Sec. 12, T22S, R37E, NMPH.

At proposed prod. zone Drinkard and Granite Wash.

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

3 1/2 miles South of Eunice, New Mexico

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

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.

330'

19. PROPOSED DEPTH

-

20. ROTARY OR CABLE TOOLS

-

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

3343' GR

22. APPROX. DATE WORK WILL START*

June 25, 1974

23.

PROPOSED CASING AND CEMENTING PROGRAM

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

The Elliott B-12-2 Well #3 was drilled to a total depth of 7343' in the Granite Wash formation, plugged back to 7304' and completed as an oil well September 21, 1973 in the Drinkard formation. The Drinkard formation was perforated from 6254'-6834', DML-10 jet charges, .42" holes. The top of the Granite Wash formation is at 7306'. We propose to perforate the Granite Wash at 7123'-7260', 14 3-1/8" select fire DML-10 charges, spot 200 gallons of acid across perforations, and frac with 11,000 gallons ultra frac "30" and 10,000# 20/40 sand. We plan to produce both zones through dual strings of 2-1/16" tubing. Production from both zones will be commingled into common tanks on the surface; and production from each zone will be measured by periodic well tests. ~~We request your permission to commingle the Drinkard and Granite Wash zones, on this basis.~~

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. SOMIO PETROLEUM COMPANY

J. H. Walters

SIGNED

By: *J. H. Walters*

TITLE

District Superintendent

DATE

June 24, 1974

(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

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.

RECEIVED

JUL 12 1974

OIL CONSERVATION COMM.
HOBBBS, N. M.