

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

SOUTHERN UNION PRODUCTION COMPANY

3. ADDRESS OF OPERATOR

P. O. Box 808, FARMINGTON, NEW MEXICO

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

At surface

1000 FEET FROM SOUTH LINE AND 1670 FEET FROM EAST LINE

At proposed prod. zone

SAME AS ABOVE

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

2 MILES WEST OF OJITO, NEW MEXICO

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. line, if any)

1000 FT.

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

2400 FT.

16. NO. OF ACRES IN LEASE

640

19. PROPOSED DEPTH

3850 FT.

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

ROTARY TOOLS

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

7229 FT. UNGRADED GROUND LEVEL.

22. APPROX. DATE WORK WILL START*

AUGUST 20, 1964

23. 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#	200 FT.	150 BAGS
7-7/8"	4-1/2"	9.50#	3850 FT.	150 BAGS

WE PROPOSE TO DRILL A PICTURED CLIFFS WELL; ANTICIPATED TOTAL DEPTH 3850 FT.

1. CASING PROGRAM:

SURFACE: 8-5/8" 24.0#, J-55 SET AT 200 FT. AND CEMENTED TO SURFACE.

PRODUCTION: 4-1/2", 9.50#, J-55 SET AT TOTAL DEPTH OF 3850 FT. AND
CEMENTED W/150 BAGS.

TUBING: 1-1/2" E.U.E., JCN, 2.90# SET AT APPROX. 3750 FT.

2. ROTARY TOOLS WILL BE USED TO DRILL WELL FROM SURFACE TO TOTAL DEPTH.

3. WELL WILL BE SAND FRACTURED TO STIMULATE PRODUCTION.

RECEIVED

AUG 14 1964

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

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

Gilbert D. Noland Jr.
GILBERT D. NOLAND, JR.

TITLE

DRILLING SUPERINTENDENT

DATE

AUGUST 12, 1964

(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.

Well Location and Acreage Dedication Plat

August 13, 1964

Section A.

Operator **SOUTHERN UNION PRODUCTION COMPANY** Locality **McChesney**
 Well No. **3** Unit Letter **0** Section **3** Township **25 NORTH** Range **3 WEST** N.M.P.M.
 Located **1000** Feet From **the SOUTH** Line **1670** Feet From **the EAST** Line
 County **RIO ARriba** G. L. Elevation **7229'** Dedicated Acreage **160** Acres
 Name of Producing Formation **PICTURED CLIFFS** Pool **TAPABITO PICTURED CLIFFS**

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?
 Yes **XI** No
2. If the answer to question one is "no", have the interests of all the owners been consolidated by communitization, agreement or otherwise? Yes No If answer is "yes", Type of Consolidation
3. If the answer to question two is "no", list all the owners and their respective interests below:

Owner

Land Description



Section B.

Note: All distances must be from outer boundaries of section

This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

SOUTHERN UNION PRODUCTION COMPANY
Gilbert D. Roland, Jr.
GILBERT D. ROLAND, JR.

(Representative)

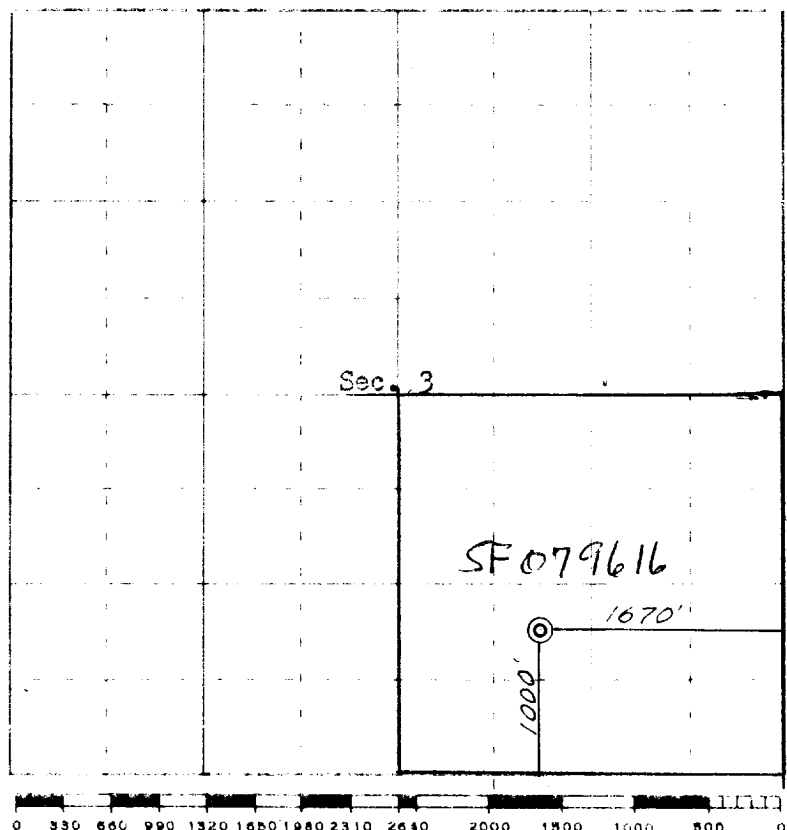
DRILLING SUPERINTENDENT

(Address)

P. O. Box 808

FARMINGTON, NEW MEXICO

Ref: GLO plat dated 18 Dec. 1917



Scale 4 inches equal 1 mile

This is to certify that the above plat was prepared from field notes or actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Date Surveyed August 13, 1964

James P. Leese
 Registered Professional Engineer and/or Land Surveyor
 James P. Leese, N. Mex. Reg. No. 1463
 San Juan Engineering Company

