

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
POST OFFICE BOX 808, FARMINGTON, NEW MEXICO

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface **1180 FEET FROM THE WEST LINE AND 1455 FEET FROM THE SOUTH LINE**
At proposed prod. zone **SAME AS ABOVE**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
4 MILES NORTHWEST (NW) OF BLANCO, NEW MEXICO

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any)
1180 FT.

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

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH
7010 FT.

17. NO. OF ACRES ASSIGNED TO THIS WELL

20. ROTARY OR CABLE TOOLS
ROTARY

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

5917 FEET - UNGRADED GROUND LEVEL

22. APPROX. DATE WORK WILL START*

NOVEMBER 18, 1963

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	250 FT.	200 SK
7 7/8"	4 1/2"	10.5	7010 FT.	1800 SK

WE PROPOSE TO DRILL A WELL TO THE DADTA FORMATION - ANTICIPATED TOTAL DEPTH OF 7010 FT.

THE FIRST STAGE WILL BE CEMENTED WITH 400 SK CEMENT. A STAGE COLLAR WILL BE SET BELOW THE MESA VERDE FORMATION AT APPROXIMATELY 5000 FEET AND CEMENTED WITH 400 SK CEMENT.

A STAGE COLLAR WILL BE SET BELOW THE PICTURED CLIFFS FORMATION AT APPROXIMATELY 2600 FT. AND CEMENTED WITH 750 SK CEMENT.

ROTARY TOOLS WILL BE USED TO MUD DRILL HOLE FROM SURFACE TO TOTAL DEPTH.

WELL WILL BE FRACED TO STIMULATE PRODUCTION.

1 1/2", 2.90#, E.U.E., JCN TUBING WILL BE LANDED AT APPROXIMATELY 6500 FT. CON. COM. DIST. 3

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.**

TITLE **DRILLING SUPERINTENDENT**

DATE **NOVEMBER 29, 1963**

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

DEC 6 1963

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEX.

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.

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

SECTION A.

Date NOVEMBER 29, 1963

Operator Southern Union Production Company Lease SANCHEZ
 Well No. (3) Unit Letter L Section 34 Township 30 North Range 10 West NMPM
 Located 1455 Feet From South Line, 1180 Feet From West Line
 County San Juan G. L. Elevation 5917 Dedicated Acreage 320 Acres
 Name of Producing Formation DAKOTA Pool BASIN DAKOTA

1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below? Yes XX 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

RECEIVED

DEC 2 1963

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

SECTION B.

OIL CON. COM.
DIST. 3

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 CO.

(OPERATOR)

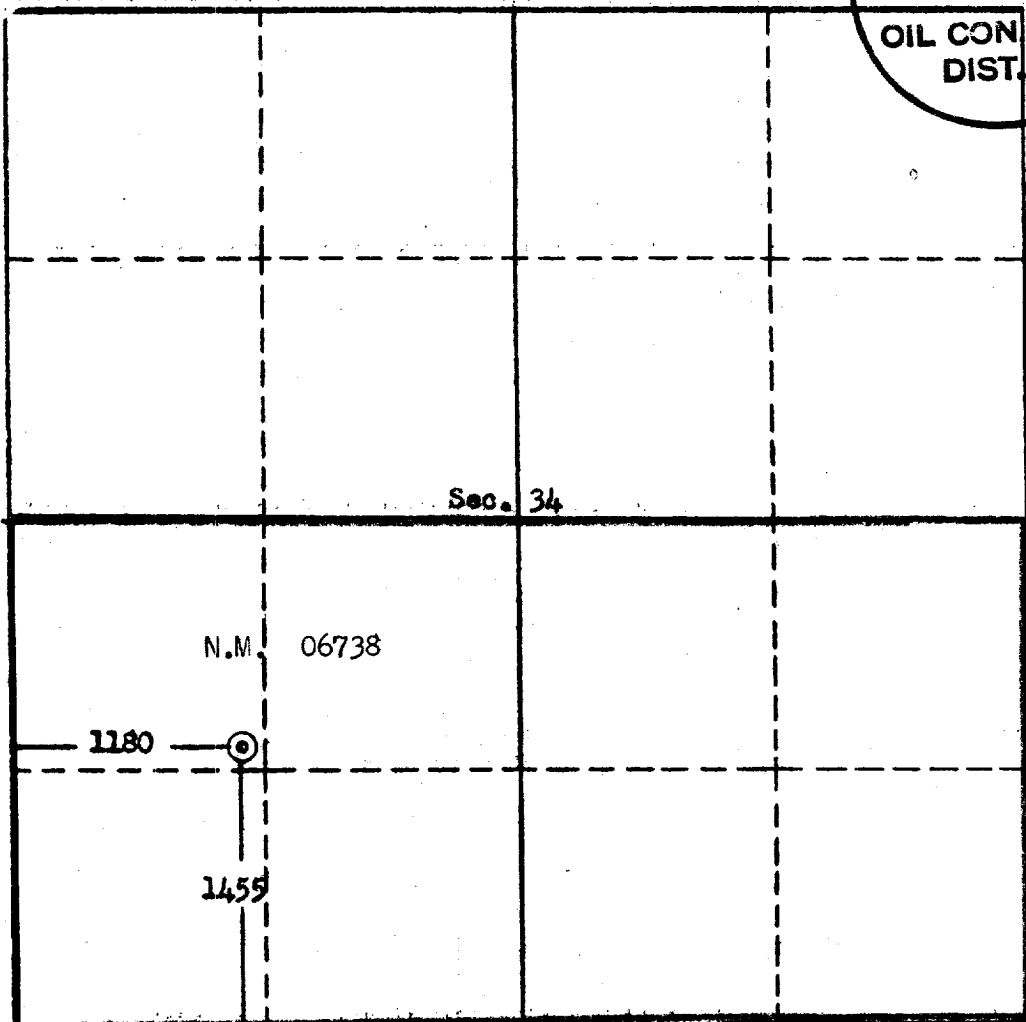
Gilbert D. Noland Jr.

GILBERT D. NOLAND, JR.

(REPRESENTATIVE)

Post Office Box 808,
FARMINGTON, NEW MEXICO

This is to certify that the location shown on the plat in Section B was plotted from field notes of actual survey made under my supervision and that the same is true to the best of my knowledge and belief.

Date Surveyed Nov. 27, 1963Four States Engineering Co.
FARMINGTON, NEW MEXICO*Conrad A. Colshaw*
REGISTERED ENGINEER OR
LAND SURVEYORCertificate No. 3602

0 320 640 960 1280 1600 1920 2240 2560 2640 2000 1500 1000 500 0

1. The first part of the document

2. The second part of the document

3. The third part of the document

4. The fourth part of the document

5. The fifth part of the document

6. The sixth part of the document

7. The seventh part of the document

8. The eighth part of the document

9. The ninth part of the document

10. The tenth part of the document

11. The eleventh part of the document

12. The twelfth part of the document