

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

1595 FEET FROM NORTH LINE AND 1815 FEET FROM EAST LINE

At proposed prod. zone

SAME AS ABOVE

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

28 MILES SOUTH OF BLOOMFIELD, NEW MEXICO

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

825 FT.

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

205 FT.

16. NO. OF ACRES IN LEASE

2560 ACRES

19. PROPOSED DEPTH

6650 FT.

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320 ACRES

20. ROTARY OR CABLE TOOLS

ROTARY TOOLS

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

6219.7 FEET UNGRADED GROUND LEVEL

22. APPROX. DATE WORK WILL START*

NOVEMBER 30, 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#	300 FT.	250 BAGS
7-7/8"	5-1/2"	17.0#	6650 FT.	1600 CU. FT.

WE PROPOSE TO DRILL A WELL TO BE DUALY COMPLETED IN THE DAKOTA AND MESAVENDE FORMATIONS.
ANTICIPATED TOTAL DEPTH IS 6650 FEET.

1. CASING PROGRAM: SURFACE - 8-5/8", 24.0#, J-55 SET AT 300 FT. CEMENTED W/250 BAGS.
PRODUCTION - 5-1/2", 17.0#, J-55 SET AT TOTAL DEPTH 6650 FT. R.K.B.

1ST STAGE CEMENTED W/350 CU. FT. STAGE COLLAR SET UNDER
MESAVENDE AT 4650 AND CEMENTED W/350 CU. FT. OF CEMENT.
STAGE COLLAR SET AT 2150 FEET UNDER PICTURED CLIFFS AND
CEMENTED W/850 CU. FT. OF CEMENT.

TUBING - 1-1/2" E.U.E., 2.90# J.C.W. RUN TO DAKOTA. LANDED AT
6550 FT. 1-1/4", INTEGRAL JOINT, 2.30# J.C.W. RUN TO MESA-
VERDE. LANDED AT 4400 FEET.

2. BAKER 5-1/2", MODEL "D" PRODUCTION PACKER WILL BE SET AT APPROX. 6300 FT. R.K.B.

3. MESAVENDE & DAKOTA FORMATIONS WILL BE SAND FRACED TO STIMULATE PRODUCTION.

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

NOVEMBER 24, 1964

PERMIT NO.

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

RECEIVED

NOV 30 1964

GEO. COM.

*See Instructions On Reverse Side

RECEIVED

DATE

NOV 25 1964

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

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 21, 1964

Operator SOUTHERN UNION PRODUCTION COMPANY Lease NEWMAN
 Well No. 9-8 Unit Letter G Section 7 Township 26 NORTH Range '8 WEST PM
 Located 1595 Feet From NORTH Line, 1815 Feet From EAST Line
 County SAN JUAN G. L. Elevation 6219.7 Dedicated Acreage 330 Acres
 Name of Producing Formation DANOTA & NEBAVERRE Pool SAN JUAN DANOTA & UNDESIGNATED NEBAVERRE

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?
 Yes XX No COMMUNITIZED LEASES SF 070304 & SF 070433
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:

OwnerLand Description**RECEIVED**

NOV 25 1964

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

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

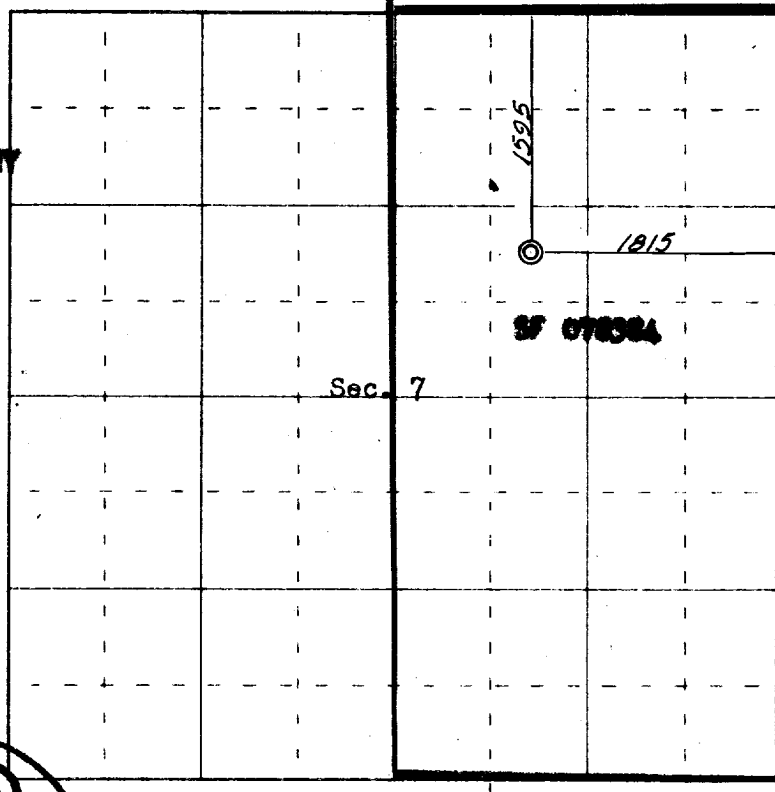
(Operator)

Gilbert B. Noland, Jr.

(Representative)

GILBERT B. NOLAND, JR.

(Address)

P. O. Box 888**FARMINGTON, NEW MEXICO**

Ref: GLO plat dated 4 November 1882



Scale 4 inches equal 1 mile

This is to certify that the above plat was prepared from field notes of 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 November 22, 1964

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