

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 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 1745 FT. FROM SOUTH LINE & 1485 FT. FROM EAST LINE
At proposed prod. zone SAME AS ABOVE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
27 MILES SOUTHEAST OF BLOOMFIELD, NEW MEXICO

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1485 FT.
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 950 FT.

16. NO. OF ACRES IN LEASE
19. PROPOSED DEPTH 7450

17. NO. OF ACRES ASSIGNED TO THIS WELL 320
20. ROTARY OR CABLE TOOLS ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
7097 FT. UNGRADED GROUND LEVEL

22. APPROX. DATE WORK WILL START*
SEPTEMBER 24, 1967

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"	4-1/2"	10.5	7450 FT.	2600 CU. FT. (3 STAGE)

WE PROPOSE TO DRILL A DAKOTA WELL; WHEN ANTICIPATED TOTAL DEPTH 7450 FT.

1. CASING PROGRAM:

SURFACE: 8-5/8", 24.0#, J-55 SET AT 300 FT. CEMENTED W/250 BAGS.
PRODUCTION: 4-1/2", 10.50#, J-55 SET AT T.D. OF 7450 FT. R.K.B. 1ST STAGE CEMENTED W/650 CU. FT. CEMENT; STAGE COLLAR SET UNDER MEZAYERDE AT APPROXIMATELY 5250 FT. CEMENTED W/750 CU. FT. CEMENT; STAGE COLLAR SET UNDER PICTURED CLIFFS AT APPROXIMATELY 2940 FT. R.K.B. CEMENTED W/1200 CUBIC FT. CEMENT.

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

3. WELL WILL BE SAND FRACED TO STIMULATE PRODUCTION.

4. 1-1/2" E.U.E., 2.90#, JCW TBS. WILL BE SET AT APPROXIMATELY 7275 FT. R.K.B.

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. Original signed by
GILBERT D. NOLAND, JR.

SIGNED GILBERT D. NOLAND, JR.

TITLE DRILLING SUPERINTENDENT

DATE SEPTEMBER 25, 1967

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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.

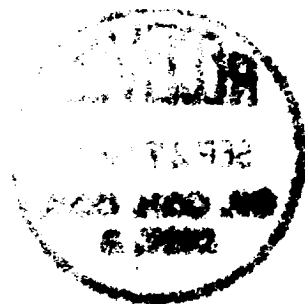
Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

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 ACERAGE DEDICATION PLAT**

RECEIVED

SEP 26 1967

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

All distances must be from the outer boundaries of the Section

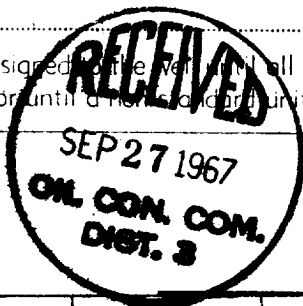
Operator SOUTHERN UNION PRODUCTION COMPANY		Lease NEWSON #4		Well No 6	
Unit Letter J	Section 15	Township 26 NORTH	Range 8 WEST	County SAN JUAN	
Actual Footage Location of Well: 1745 feet from the SOUTH line and 1485 feet from the EAST line					
Ground Level Elev. 7097.0	Producing Formation DANOTA	Pool Basin Danota	Dedicated Acreage 5/2 380 Acres		

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this Form if necessary.) _____

No allowable will be assigned until all interests have been consolidated (by communization, unitization, forced-pooling, or otherwise) or until a new and old unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Original signed by
GILBERT D. NOLAND, JR.

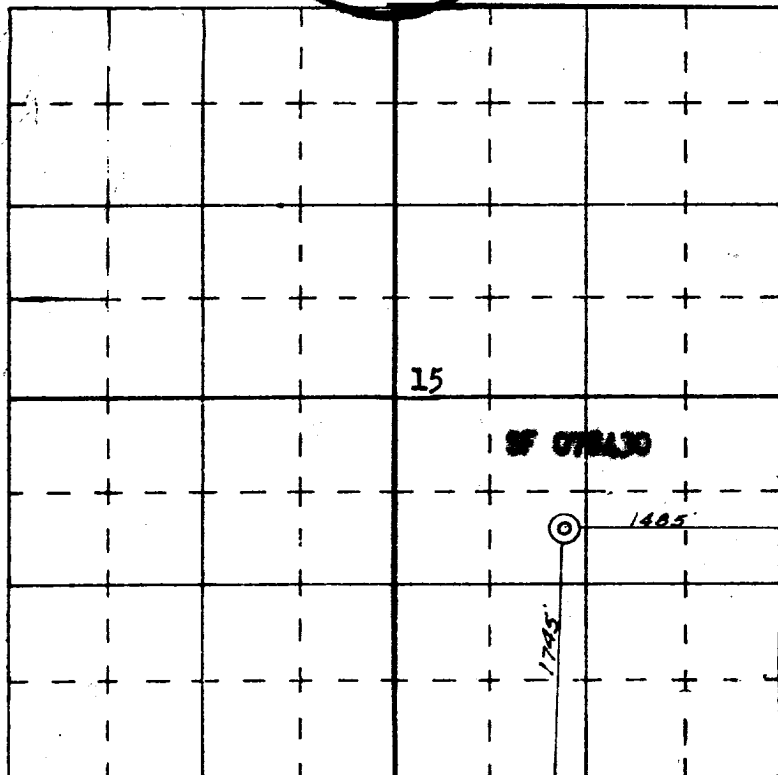
Name
GILBERT D. NOLAND, JR.
Position
DILLING SUPERINTENDENT

Company
SOUTHERN UNION PRODUCTION COMPANY

Date
SEPTEMBER 25, 1967

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
12 September 1967
Registered Professional Engineer and/or Land Surveyor
James P. Leese



SCALE—4 INCHES EQUALS 1 MILE

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

1463
Certificate No.