

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 ☐		5. LEASE DESIGNATION AND SERIAL NO. SF 078433
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Southern Union Production Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Box 806, Farmington, New Mexico 87401		8. FARM OR LEASE NAME NENSON
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1845 ft. from the South line & 890 ft. from the West line At proposed prod. zone Same as above.		9. WELL NO. 19
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 29 Miles South of Bloomfield, New Mexico		10. FIELD AND POOL, OR WILDCAT Basin Dakota
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 890 ft.	16. NO. OF ACRES IN LEASE 1480.36	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 29, T-26N, R-8W N.M.P.M.
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 855 ft.	19. PROPOSED DEPTH 6875	12. COUNTY OR PARISH San Juan
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6349 ft. Ungraded ground level		13. STATE New Mexico
23. PROPOSED CASING AND CEMENTING PROGRAM		17. NO. OF ACRES ASSIGNED TO THIS WELL 320
20. ROTARY OR CABLE TOOLS Rotary		22. APPROX. DATE WORK WILL START* 11/13/67

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24.0	300	250 sacks
7-7/8"	4-1/2"	10.5	6875	2350 cu. ft.

We propose to drill a Dakota well; anticipated total depth 6875 ft.

1. Casing Program:

Surface: 8-5/8", 24.0#, J-55 set at 300 ft. Cemented w/250 sacks.
Production: 4-1/2", 10.50#, J-55 set at total depth of 6875 ft. R.K.B.
1st stage cemented w/600 cu. ft. cement; stage collar set at approx.
4750 ft. under Mesaverde and cemented w/900 cu. ft. cement; stage
collar set at approx. 2300 ft. under Pictured Cliffs and cemented
w/1100 cu. 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# Tubing will be set at approximately 6775 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
SIGNED E. R. VANDERSLICE TITLE Area Superintendent DATE November 10, 1967
B. H. Vanderalice
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY sm TITLE _____ DATE NOV 13 1967
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**

All distances must be from the outer boundaries of the Section

Operator SOUTHERN UNION PRODUCTION COMPANY NEWSOM Well No. 19
 Unit Letter L Section 29 Township 26 NORTH Range 8 WEST County SAN JUAN
 Actual Footage Location of Well: 1845 feet from the SOUTH line and 890 feet from the WEST line
 Ground Level Elevation 6349.0 Producing Formation DAKOTA BASIN DAKOTA Estimated Average Acres

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

(☒) Yes () No If answer is "yes," type of consolidation COMMUNITIZATION AGREEMENT

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 to the well until all interest have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard 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.

B. R. Vanderslice
 Name
B. R. Vanderslice
 Position
Area Superintendent
 Company
Southern Union Production Co.
 Date
November 10, 1967

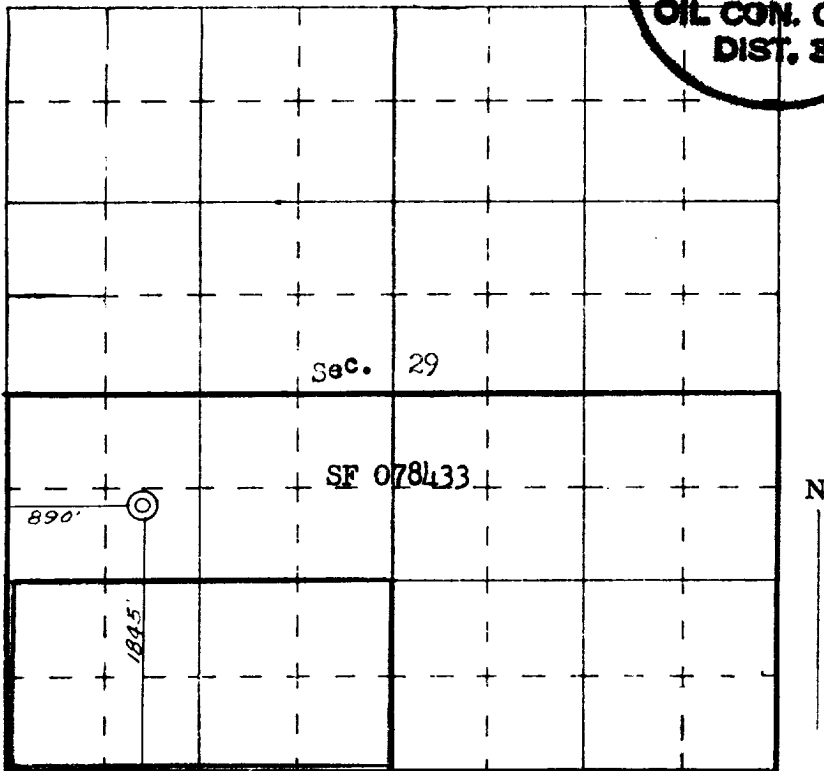
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

November 22, 1967
 Date Surveyed
James P. Leese
 Registered Professional Engineer
 and/or Land Surveyor

JAMES P. LEESE

1463

Certificate No.



SCALE—4 INCHES EQUALS 1 MILE