

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

1850 ft. from the South line and 990 ft. from the West line.

At proposed prod. zone Same as above.

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

Six miles east of Bloomfield, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

990 ft.

16. NO. OF ACRES IN LEASE

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

1060 ft.

19. PROPOSED DEPTH

6800 ft.

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

5822 Ungraded Ground Level

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	10-3/4"	40.50	300 ft.	300 sx.
7-7/8"	4-1/2"	10.50	6800 ft.	1900 cu. ft.

We propose to drill a well to the Dakota formation. Anticipated total depth 6800 ft.
R.K.B.

1. Casing Program: 10-3/4", 40.50#, H-40 surface casing set at 300 ft. Cemented with
300 sx.

Production: 4-1/2", 10.50#, J-55 set at total depth of 6800 ft. R.K.B.
1st Stage cemented w/400 cu. ft. cement; Stage Collar set
under Mesaverde at approx. 4770 ft. and cemented w/500 cu. ft.
cement; Stage collar set under Pictured Cliffs at approx. 2360 ft.
and cemented w/1000 cu. ft. of cement.

Tubing: 1-1/2", E.U.E., 2.90#, JCW tubing landed at approx. 6700 ft. R.K.B.

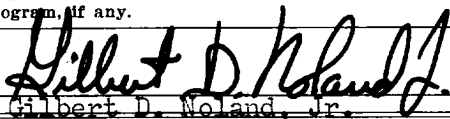
2. Rotary tools will be used to mud drill hole from surface to total depth.

3. Well will be sand water 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



TITLE Drilling Superintendent

DATE Sept. 23, 1966

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

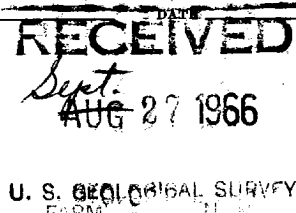
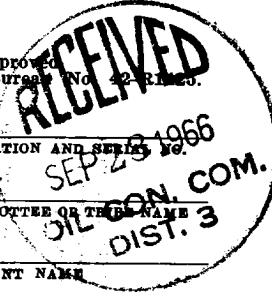
APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

U. S. GEOLOGICAL SURVEY



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.

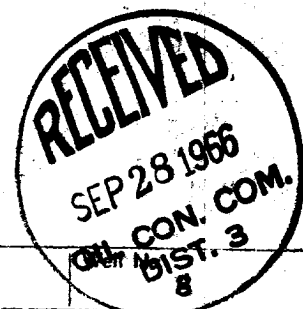
Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plat, 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

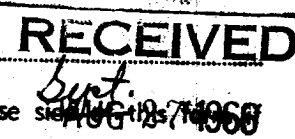
Operator SOUTHERN UNION PRODUCTION COMPANY			Lease ALBRIGHT		
Unit Letter L	Section 15	Township 29 NORTH	Range 10 WEST	County SAN JUAN	
Actual Footage Location of Well: 1850 feet from the SOUTH line and 990 feet from the WEST line					
Ground Level Elev. 5822.0	Producing Formation DAKOTA		Pool BASIN DAKOTA	Dedicated Acreage: 318.22 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**

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

No allowable will be assigned to the well until all interests 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.



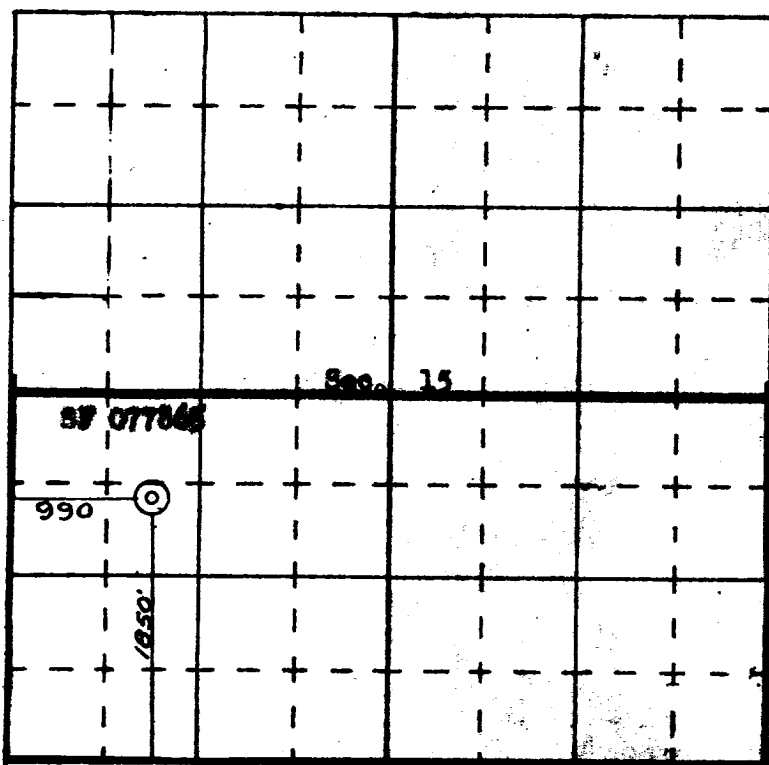
CERTIFICATION

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

Original signed by
GILBERT D. NOLAND, JR.
Name
Gilbert D. Noland, Jr.
Position
Drilling Superintendent
Company
Southern Union Production Co.
Date
September 21, 1966

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
September 21, 1966
Registered Professional Engineer
James E. Brown
Certificate No. **1005-500**



SCALE—4 INCHES EQUALS 1 MILE

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

