

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

1650 ft. from South line and 1100 ft. from West line

At proposed prod. zone

Same as above

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

3 miles West of Blanco, New Mexico

15. DISTANCE FROM PROPOSED*

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

400 ft.

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

6565 feet

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary Tools

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

5585 ft. Ungraded ground level

22. APPROX. DATE WORK WILL START*

December 3, 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.	200 sacks
7-7/8"	4-1/2"	10.50 #	6565 ft.	1800 cubic feet

We propose to drill a well to the Dakota formation. Anticipated total depth 5565 ft. R.K.B.

1. Casing program: 8-5/8", 24.0#, J-55 surface set at 300 ft. Cemented w/200 sacks.

Production: 4-1/2", 10.50#, J-55 set at total depth of 6565 ft. 1st stage cemented w/400 cubic feet of cement. Stage Collar set under Mesaverde at 4550 ft. and cemented w/400 cubic feet of cement. Stage Collar set under Pictured Cliffs at 2160 ft. and cemented w/1000 cubic feet of cement.

Tubing: 1-1/2", E.U.E., 2.90#, JCW tubing will be landed at approx. 6450 ft. R.K.B.

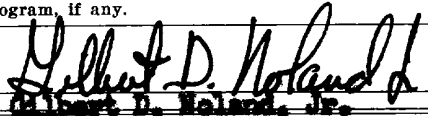
2. Rotary tools will be used to mud drill well from surface to total depth.

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

Nov. 30, 1964

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY



TITLE

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 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 2: 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 December 20, 1964

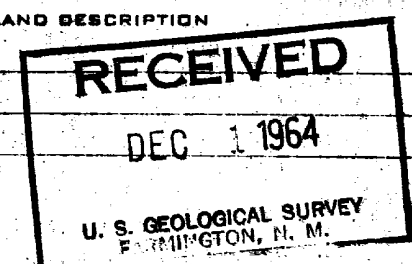
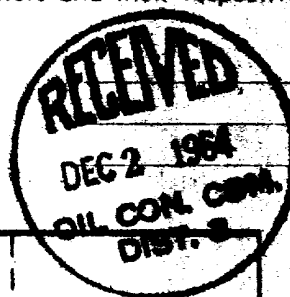
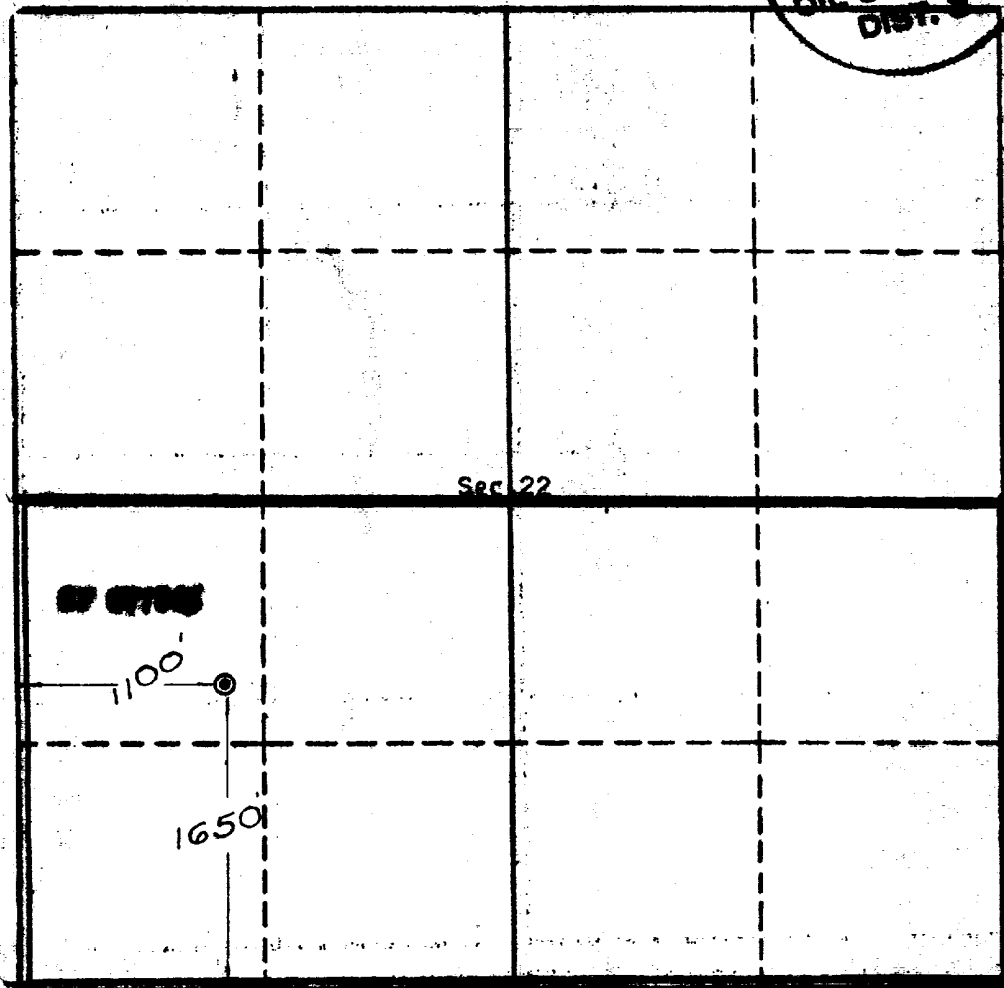
Operator Southern Union Production Company Lease AMERICAN
Well No. 9 Unit Letter L Section 22 Township 29 North Range 10 West NMPM
Located 1650 Feet From South Line, 1100 Feet From West Line
County San Juan G. L. Elevation 5585 Dedicated Acreage 200 Acres
Name of Producing Formation Salt Lake Pool South Salt Lake

1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below? Yes No XX
2. If the answer to question One is "No," have the interests of all the owners been consolidated by communization 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

SECTION B.



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

GEORGE W. FARMINGTON CO.

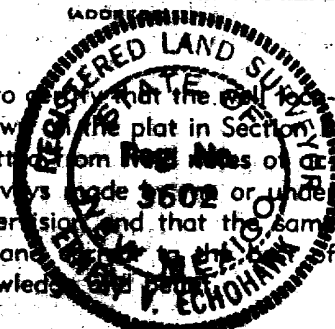
Albert B. Noland Jr.
Albert B. Noland, Jr.

(REPRESENTATIVE)

P. O. Box 800
Farmington, New Mexico

ADDRESS

This is to certify that the location shown on the plat in Section A was plotted from Reg. Nos. or actual surveys made 3602 or under my supervision and that the same is true and correct to the best of my knowledge.



Date Surveyed Nov. 25, 1964

Four States Engineering Co.
FARMINGTON, NEW MEXICO

Edward T. Eckerhart
REGISTERED ENGINEER OR
LAND SURVEYOR

Certificate No. 3602



1944

1945

1946

1947

1948