

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.)

607 feet from the south line and 1700 feet from the east line.

At proposed prod. zone

Same as above.

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

4 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)

1700 ft.

16. NO. OF ACRES IN LEASE

1594.08

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

850 ft.

19. PROPOSED DEPTH

6510 ft.

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

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

5796 ft. Ungraded ground level

22. APPROX. DATE WORK WILL START*

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"	24.00	300 ft.	250 ex.
7-7/8"	4-1/2"	10.50	6510 ft.	1600 cu. ft. (3 stage)

We Propose to drill a well to the Dakota formation. Anticipated total depth 6510 ft.

1. Casing Program:

Surface: 8-5/8", 24.00#, J-55 set at 300 ft. Cemented to surface w/250 ex.

Production: 4-1/2", 10.50#, J-55 set at T.D. of 6510 ft. 1st stage cemented w/1000 cu. ft. cement. Stage Collar set under Mesaverde at approx. 4,300 ft. and cemented w/1000 cu. ft. cement. Stage Collar set under Pictured Cliffs and cemented w/800 cu. ft. cement.

2. Well will be mud drilled w/rotary tools from surface to total depth.

3. Dakota formation will be perforated and sand fraced to stimulate production.

4. 1-1/2", E.V.F., 2.90#, JCK tubing will be landed at approximately 6400 feet.

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.

TITLE

Drilling Superintendent

DATE

August 5, 1965

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

DATE

AUG 9 1965

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

*See Instructions On Reverse Side

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 August 3, 1965

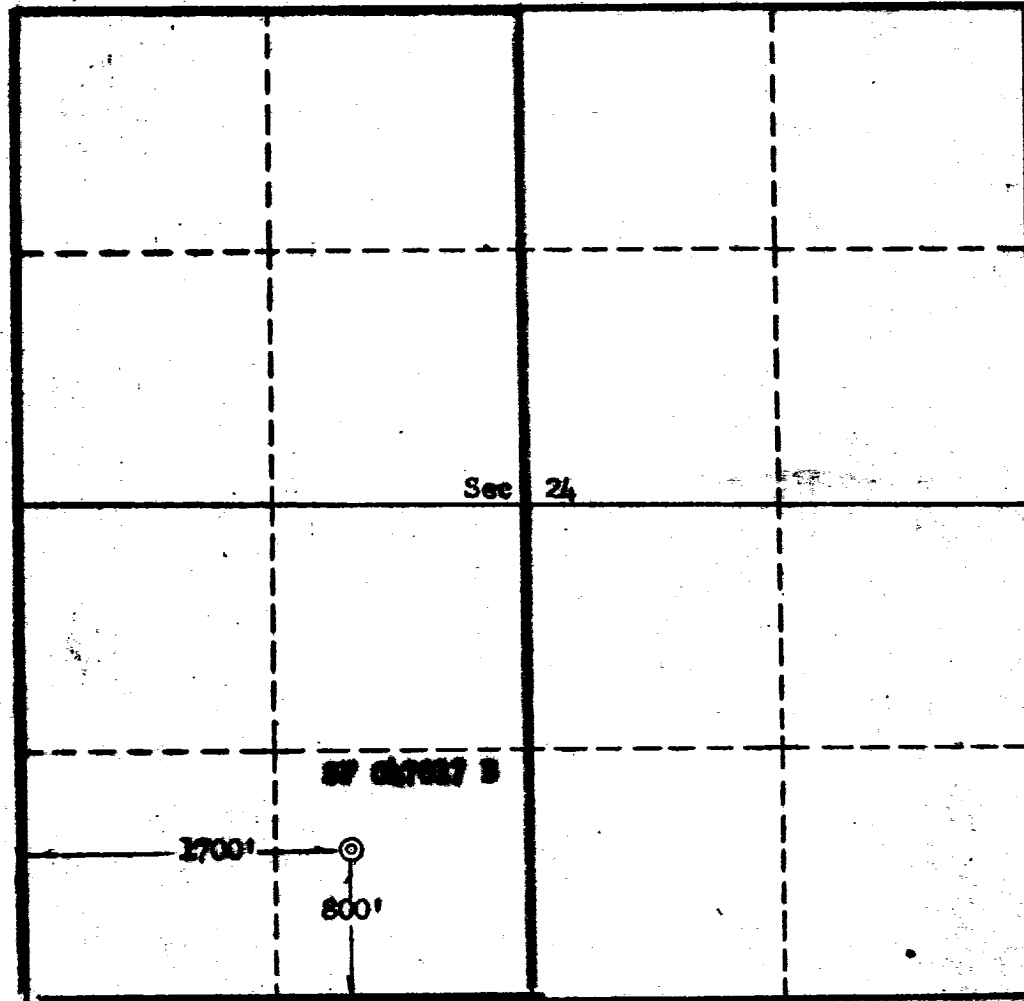
OPERATOR Southern Union Production Company LEASE Angel Peak #2
WELL NO. 81 UNIT LETTER N SECTION 24 TOWNSHIP 28 North RANGE 11 West NMPM
LOCATED 800 FEET FROM South LINE 1700 FEET FROM West LINE
COUNTY San Juan S. L. ELEVATION 5796 DEDICATED ACREAGE 200 ACRES
NAME OF PRODUCING FORMATION Sabote POOL Sabote Sabote

1. IS THE OPERATOR THE ONLY OWNER* IN THE DEDICATED ACREAGE OUTLINED ON THE PLAT BELOW? YES ☒ NO ☐
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:

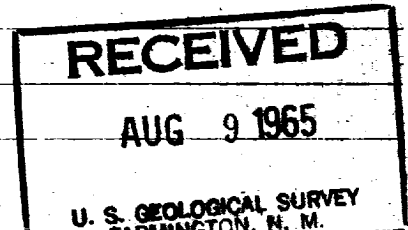
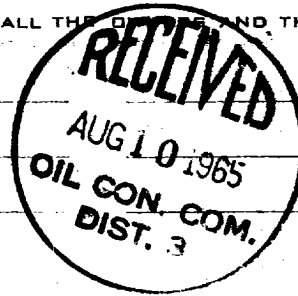
OWNER

LAND DESCRIPTION

SECTION B.



Scale, 1 inch = 1,000 feet



THIS IS TO CERTIFY THAT THE INFORMATION IN SECTION A ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

William D. Roland Jr.
William D. Roland, Jr.

(REPRESENTATIVE)
P. O. Box 100
Farmington, New Mexico

THIS STATEMENT THAT THE WELL LOCATION SHOWN ON THE PLAT IN SECTION B WAS PLOTTED 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 August 3, 1965

FOUR STATES
ENGINEERING CO.

FARMINGTON, NEW MEXICO

Carroll A. ...
REGISTERED ENGINEER OR
LAND SURVEYOR

CERTIFICATE NO. 3602