

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

2085 feet from the South line and 1500 feet 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 South of Bloomfield, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. line, if any) 1500 feet

18. DISTANCE FROM PROPOSED LOCATION*

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

3600 ft.

16. NO. OF ACRES IN LEASE

1894.08

19. PROPOSED DEPTH

6318 ft.

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary Tools

22. APPROX. DATE WORK WILL START*

January 18, 1966

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17"	13-3/8"	48.0#	60 ft.	75 sz.
12-1/4"	8-5/8"	24.0#	650 ft.	350 sz.
7-7/8"	4-1/2"	10.50#	6318 ft.	1600 cu. ft. (3 stage)

WE PROPOSE TO DRILL A WELL TO THE DAKOTA FORMATION. ANTICIPATED TOTAL DEPTH 6318 FT.

1. Casing Program:

Conductor: 13-3/8", 48.0# set at 60 ft. Cemented to surface w/75 sz.
Surface: 8-5/8", 24.0# set at 650 ft. Cemented to surface w/350 sz.
Production: 4-1/2", 10.50# J-55 set at T.D. of 6318 ft. 1st stage cemented
with 400 cu. ft. cement; stage collar set under Mesaverde at
approx. 4300 ft. and cemented w/400 cu. ft. of cement; stage
collar set under Pictured Cliffs at approx. 1750 ft. and
cemented w/800 cu. ft. cement.

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

JAN 19 1966

3. Dakota formation will be perforated & Sand fraced to stimulate production.
1-1/2" J-55, 2-90# JGW tubing will be landed at approx. 6050 ft. DIST 3

24.

SIGNED

Gilbert D. Noland, Jr.

TITLE

Drilling Superintendent

DATE

January 7, 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 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		Lease ANGEL PEAK B		Well No. 27
Unit Letter K	Section 25	Township 28 NORTH	Range 11 WEST	County SAN JUAN
Actual Footage Location of Well: 2085 feet from the SOUTH line and 1500 feet from the WEST line				
Ground Level Elev 5638.0	Producing Formation DAKOTA	Pool BASIN DAKOTA	Dedicated Acreage 300	Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 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 to the well until all interests have been consolidated (by communization, unitization, forced-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.

Gilbert D. Noland, Jr.
Name

Gilbert D. Noland, Jr.
Position

Drilling Superintendent
Company

Southern Union Production Co.
Date

January 14, 1966

RECEIVED

JAN 19 1966

**QIL CON.
DIST.**

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.

12 January 1966

Date Surveyed

RECEIVED

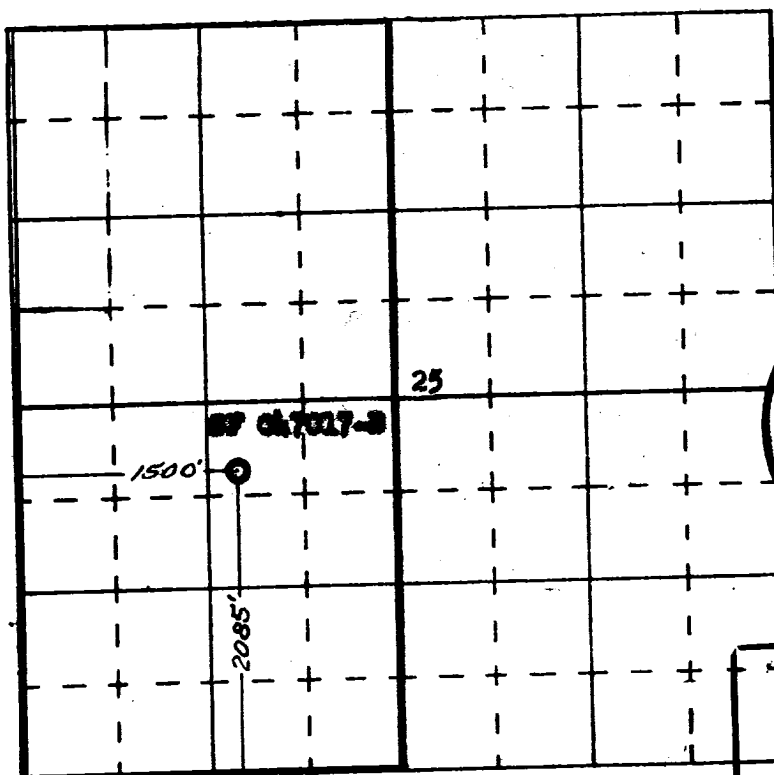
Registered Professional Engineer

State of New Mexico

James P. ...

JAN 17 1966

**U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO**



SCALE—4 INCHES EQUALS 1 MILE

SAN JUAN ENGINEERING COMPANY,

FARMINGTON, N. M.