

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 ☐

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

1190 ft. from the North line & 1480 ft. from the West line.

At proposed prod. zone Same as above.

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

9 miles Northwest of Ojito, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

1190 ft.

18. DISTANCE FROM PROPOSED LOCATION*

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

2150 ft.

16. NO. OF ACRES IN LEASE

2560

19. PROPOSED DEPTH

7925

17. NO. OF ACRES ASSIGNED
TO THIS WELL160 Pictured Cliffs
320 Dakota

20. ROTARY OR CABLE TOOLS

Rotary

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

6790 Ungraded ground level

22. APPROX. DATE WORK WILL START*

11/7/67

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	10-3/4"	32.75	300 ft.	250 sacks
9-7/8"	7-5/8"	26.40	3720 ft.	350 cu. ft.
6-3/4"	4-1/2"	10.50	3570-7925	1000 cu. ft.

We propose to drill a well to be doubly completed in the Dakota and Pictured Cliffs formations. Anticipated Total depth 7925 ft.

1. Casing Program: Surface: 10-3/4", 32.75#, H-40 set at 300 ft. Cemented w/250 sacks.
Intermediate: 7-5/8", 26.40#, J-55 set at 3720 ft. Cemented w/350 cu.ft.
cement.

Liner: 4-1/2", 10.50#, J-55 set from 3570 ft. to T.D. of 7925 ft.
and cemented w/1000 cu. ft. of cement.

2. Well will be mud drilled from surface to 3720 ft. and gas drilled from 3720 ft. to T.D.
3. Pictured Cliffs & Dakota zone will be sand fraced to stimulate production.
4. Baker Model "D" 4-1/2" Production Packer will be set at approx. 7400 ft. R.K.B.
5. 1-1/2", E.U.E., 2.90# tubing will be run to Dakota and landed at approx. 7850 ft. R.K.B.
6. 1-1/2", Integral Joint, 2.75# tubing will be run to Pictured Cliffs and landed at
approx. 3600 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

B. R. VANDERSLICE

SIGNED Bill Vanderslice

TITLE

Area Superintendent

DATE

November 3, 1967

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

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** Well No. **0**
 Township **26 NORTH** Range **4 WEST** Section **15** County **RIO ARriba**
 Actual Surface Location of Well
 1190 feet from the **NORTH** line of the Section 1480 feet from the **WEST** line of the Section
 Ground Surface Elevation **6790.0** ~~6790.0~~ ~~6790.0~~ ~~6790.0~~ Acres **788**

- Outline the acreage to be dedicated to the subject well by color, pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each acre and identify the owner and interest (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, state the interest of all which have been consolidated by communitization, unitization, forced-pooling, etc.

Yes ☐ No ☐ If answer is "No" state the communitization, unitization, forced-pooling, etc.

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, but not less than 10%, has been consolidated by communitization, unitization, forced-pooling, or otherwise, or until a non-stakeholder unit, if existing, has been approved by the Commission.

Indicated Private Acreage
Indicated Platted Oil Well Acreage



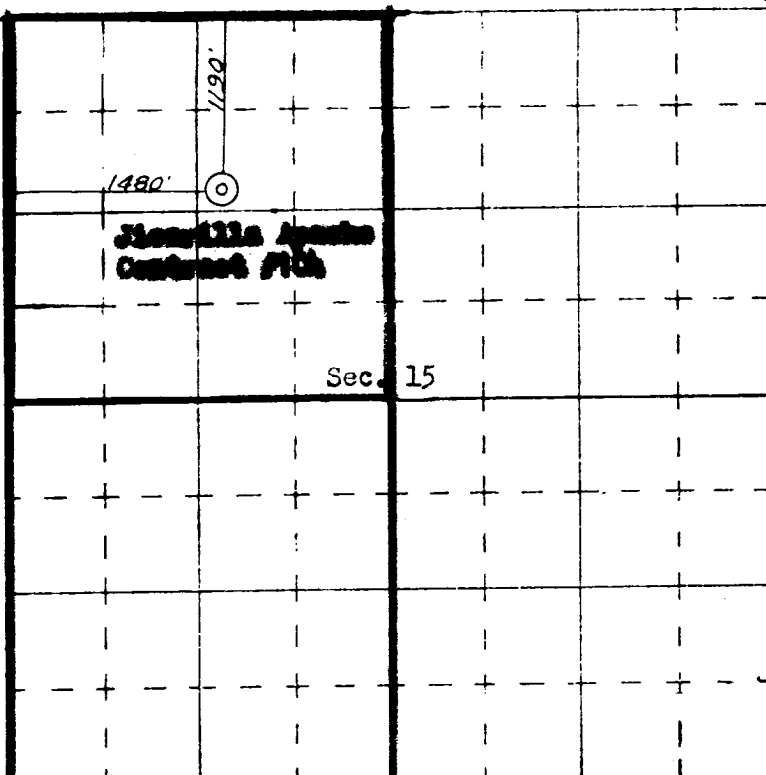
CERTIFICATION

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

Name Bill Vandervliet
Bill Vandervliet
 Position Area Superintendent
Area Superintendent
 Company Southern Union Production Company
Southern Union Production Company
 Date November 3, 1967
November 3, 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.

Date November 3, 1967
November 3, 1967
 Registered Professional Engineer
 and/or Land Surveyor
JAMES P. LETSE



SCALE—4 INCHES EQUALS 1 MILE