

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-20273

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
1825 ft. from the North line & 1795 ft. from the East line.
At proposed prod. zone Same as above.

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

20 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)

1795

845 ft.

16. NO. OF ACRES IN LEASE

2500

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

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

Approx. 2700 ft.

8475

20. ROTARY OR CABLE TOOLS

Rotary

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

7336 Ungraded Gr.

22. APPROX. DATE WORK WILL START*

10-2-69

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4"	10-3/4"	32.75	500 ft.	350 cu. ft.
9-7/8"	7-5/8"	26.40	4225	750 cu. ft.
6-3/4"	5-1/2"	15.50	4075-8475	700 cu. ft. (liner)

WE PROPOSE TO DRILL AND COMPLETE DUALY A MESAVERDE-DAKOTA WELL. EST. T.D. 8475 ft.

1. Casing Program:

Surface: 10-3/4", 32.75#, J-40 set at 500 ft. Cemented w/350 sacks.

Intermediate: 7-5/8", 26.40#, J-55 set at 4225 ft. Cemented w/750 cu. ft.

Liner: 5-1/2", 15.50#, J-55 set at 4075 to 8475. Cement w/approx. 700 cu. ft.

2. Mud drill from surface to 4225 ft. and gas drill from 4225 ft. to Estimated T.D. 8475 ft.

3. Productive zones will be sand fraced to stimulate production.

4. Baker Model "B" 5-1/2" Production packer will be set @ approx. 8100 ft.

5. 1-1/2", 2.90", Tubing will be run to Dakota and landed at approx. 8200 ft.

6. 1-1/2" Integral jt. 2.75", tubing will be run to Mesaverde and landed at approx. 5650 ft. A.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

Area Superintendent

TITLE

Area Superintendent

DATE

Sept. 23, 1969

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY

SEP 25 1969

OIL CON. COM.
DIST. 3

TITLE

DATE

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

*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 ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

RECEIVED
SEP 24 1969
U. S. GEOLOGICAL SURVEY
DURANGO, COLO.
Well No. **7**

Operator SOUTHERN UNION PRODUCTION COMPANY		Lease JICARILLA "G"		County RIO ARriba	
Unit Letter G	Section 11	Township 26 NORTH	Range 5 WEST		
Actual Footage Location of Well: 1825 feet from the NORTH line and 1795 feet from the EAST line					
Ground Level Elev. 7336.0	Producing Formation Hesperia Dakota		Pool Blanco Mesaverte Basin Dakota	Dedicated Acreage 2/2 320	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 communitization, 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 communitization, unitization, forced-pooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.

RECEIVED
SEP 25 1969
OIL CON. COM.
DIST. 3

CERTIFICATION

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

ORIGINAL SIGNED BY
B. R. VANDERSLICE

Name
B. R. Vandarslice

Position
Area Superintendent

Company
Southern Union Production Co.

Date
September 23, 1969

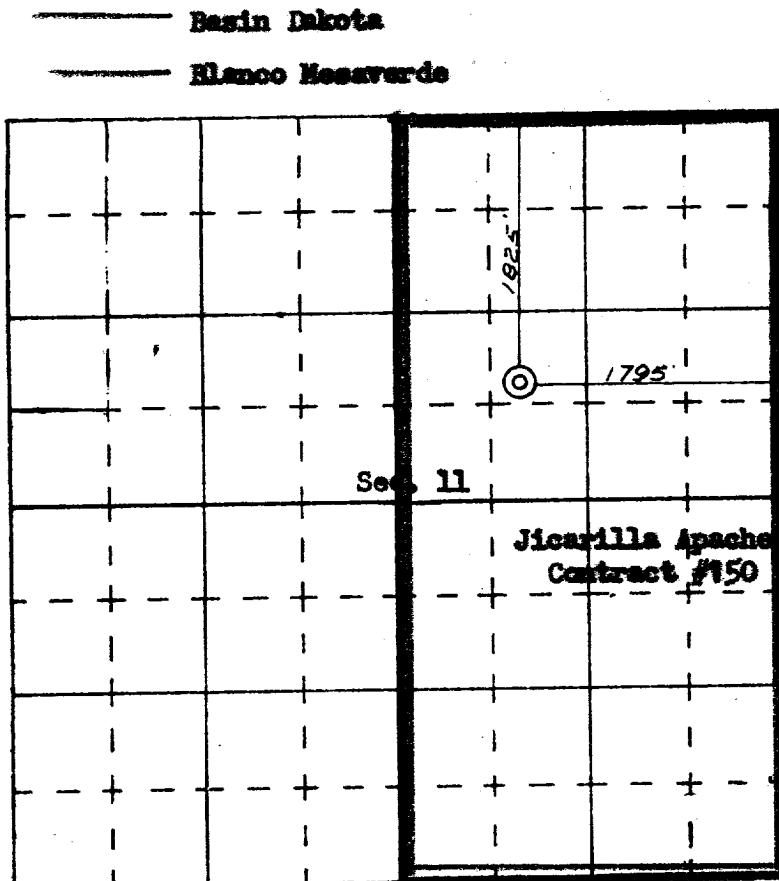
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

6 September 1969

Date Surveyed _____

[Signature]
Registered Professional Engineer
and/or Land Surveyor
JAMES P. LEESE

1463
Certificate No.



SCALE—4 INCHES EQUALS 1 MILE

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.