

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 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface 850/S line & 1850/W 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 drig. unit line, if any)

850 ft.

18. DISTANCE FROM PROPOSED LOCATION*

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

3640 ft.

16. NO. OF ACRES

2560

19. PROPOSED DEPTH

7160

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

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

6779 ft. Ungraded ground level

22. APPROX. DATE WORK WILL START*

December 27, 1968

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.	250 sacks
7-7/8"	4-1/2"	10.5	7160 ft.	2600 cu. ft. (3 stage)

1. We propose to drill a well to the Gallup formation. Anticipated total depth 7160 feet.

2. Proposed Casing Program:

Surface: 8-5/8", 24.0#, J-55 Casing set at 300 ft. Cemented to surface with 250 sacks.

Production: 4-1/2", 10.50#, J-55 casing set at total depth of 7160 ft.
1st stage cemented w/approx. 500 cu. ft. cement. Stage Collar set under Mesaverde formation at approx. 5800 ft. Cemented w/700 cu. ft. cement. Stage Collar set at approx 3700 ft. under Pictured Cliffs formation and cemented w/approx. 1400 cu. ft. cement.

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

4. Gallup formation will be sand fraced to stimulate production.

5. 2-3/8", E.U.E., 4.70#, J-55 tubing will be run to Gallup and landed at approx. 7050 ft.

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

SIGNED GILBERT D. NOLAND, JR.
Gilbert D. Noland, Jr.

TITLE Gilbert D. Noland, Jr.

DATE December 23, 1968

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

**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

JICARILLA

"H"

6

Section

Section

Township

Range

N

20

26 NORTH

4 WEST

RIO ARRIBA

Approximate Location of Well

850

feet from the

SOUTH

1850

feet from the

WEST

Ground Level Elev.

feet above

mean

feet above

feet above

feet above

6779.0

GALE

UNSATURATED

3-4

160

Outline the acreage dedicated to the subject well for purposes of dedicating the acreage on the plat below

2. If more than one lease is dedicated to the well, indicate each lease and the water and mineral interests in the well and interest and royalty.

RECEIVED

3. If more than one lease of different ownership is dedicated to the well, indicate each lease and the water and mineral interests in the well and interest and royalty by communication of state or federal agency on DEC 24 1968

1

2

3

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

Operating Agency

if owner of the land is a well owner, indicate each lease and the water and mineral interests in the well and interest and royalty

necc 131

No new well will be drilled into the well until all interests have been dedicated to the well and the water and mineral interests in the well and interest and royalty are otherwise indicated on the plat.



CERTIFICATION

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

Original signed by
GILBERT D. NOLAND, JR.

Name

Gilbert D. Noland, Jr.

Position

Drilling Superintendent

Company

Southern Union Production Co.

Date

December 23, 1968

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.

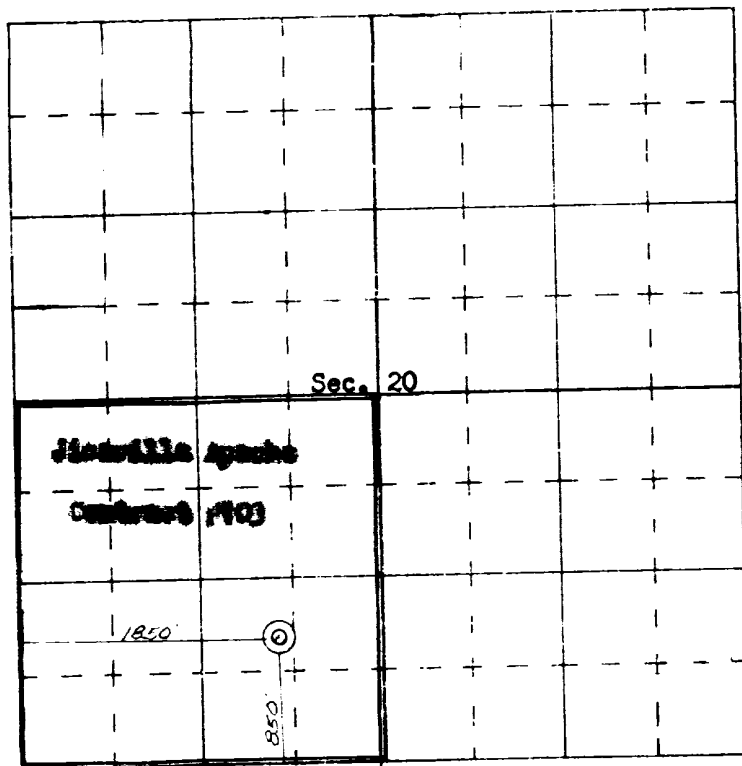
20 December, 1968

James P. Leese
Registered Professional Engineer
and Land Surveyor

JAMES P. LEESE

1463

certificate



SCALE—4 INCHES EQUALS 1 MILE

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.