

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

11450 ft. from the North line & 1070 ft. from the West line.

At proposed prod. zone Same as above

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

10 Miles North of Lordsburg, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

1070 ft.

18. DISTANCE FROM PROPOSED LOCATION*

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

2601 ft.

16. NO. OF ACRES IN LEASE

2560

19. PROPOSED DEPTH

7550

17. NO. OF ACRES ASSIGNED

THIS WELL

320 Dakota - 160 Pictured

20. ROTARY OR CABLE TOOLS

Rotary

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

6684 Ungraded Ground Level

22. APPROX. DATE WORK WILL START*

11/13/69

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/8"	10-3/4"	32.75#	300 ft.	250 sacks
9-7/8"	7-5/8"	26.40#	3200 ft.	200 sacks
6-3/4"	5-1/2"	15.50#	3050 - 7550	750 cu. ft. (Liner)

We propose to drill a well to be dually completed in the Dakota and Pictured Cliffs formations. Anticipated T.D. will be 7550 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#, K-55 set at 3200 ft. Cemented w/200 sacks.

Liner: 5-1/2", 15.50#, K-55 from 3050 to T.D. or 7550 ft. and cemented with 750 cu. ft. of cement.

2. Well will be mud drilled from surface to 3200 ft. and gas drilled from 3200 to T.D.

3. Dakota and Pictured Cliffs formations will be sand fraced to stimulate production.

4. Baker Model " 5-1/2" Production Packoff will be set at approx. 7125 ft. R.K.B.

5. 1-1/2", I.J., 2.90, J55 tubing will be run to Dakota and landed at approx. 7400 ft. R.K.B.

6. 1-1/2", I.J., 2.75, J55 tubing will be run to Pictured Cliffs and landed at approx. 3150 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.

SIGNED

Dan Collier
Dan Collier

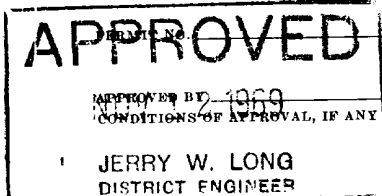
TITLE

Office Manager

DATE

November 10, 1969

(This space for Federal or State office use)



APPROVAL DATE

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

SOUTHERN UNION PRODUCTION DISTRICT

JICARILLA

"K"

13

11

25 IN '08

5 ACRES

110 ARIBA