

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

POST OFFICE BOX 808, FARMINGTON, NEW MEXICO

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 1040 FT. FROM SOUTH LINE AND 860 FT. FROM EAST LINE OF
SECTION 6, T-26N, R-8W, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO.

At proposed prod. zone

SAME AS ABOVE

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

TWENTY-NINE MILES SOUTHEAST OF BLOOMFIELD, NEW MEXICO

15. DISTANCE FROM PROPOSED*

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

1630 FT.

18. DISTANCE FROM PROPOSED LOCATION*

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

2900 FT.

16. NO. OF ACRES IN LEASE

320

19. PROPOSED DEPTH

6600 FT.

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

ROTARY

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

6156 FT. - UNGRADED GROUND LEVEL

22. APPROX. DATE WORK WILL START*

NOVEMBER 14, 1963

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#	250 FT.	280 SK
7 7/8"	4 1/2"	10.5#	6600 FT.	1400 BU. FT.
	1 1/2"	2.90#	6450 FT.	TUBING

WE PROPOSE TO DRILL A WELL TO THE DAKOTA FORMATION - ANTICIPATED TOTAL DEPTH IS 6600 FT.

1. A STAGE COLLAR WILL BE SET UNDER THE PICTURED CLIFFS FORMATION AT APPROXIMATELY 2075 FT. AND CEMENTED TO THE SURFACE W/1000 CUBIC FT. OF CEMENT.
2. THE WELL WILL BE MUD DRILLED USING ROTARY TOOLS FROM SURFACE TO TOTAL DEPTH.
3. THE DAKOTA FORMATION WILL BE PERFORATED AND SAND WATER FRACED TO STIMULATE PRODUCTION.
4. 1 1/2", 2.90#, TUBING WILL BE LANDED AT APPROXIMATELY 6450 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.

SIGNED

GILBERT D. NOLAND, JR.

TITLE

DRILLING SUPERINTENDENT

DATE

NOVEMBER 7, 1963

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

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 Acreage Dedication Plat

Section A.

Date NOVEMBER 7, 1963

Operator Southern Union Production Company Lease NEWSOM
Well No. 8-B Unit Letter P Section 6 Township 26 North Range 8 West NMPM
Located 1010 Feet From South Line, 860 Feet From East Line
County San Juan G. L. Elevation 6156 Dedicated Acreage 320.57 Acres
Name of Producing Formation Dakota Pool BASIN DAKOTA

1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below?
Yes XX No .
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes No . If answer is "yes," Type of Consolidation
3. If the answer to question two is "no," list all the owners and their respective interests below:

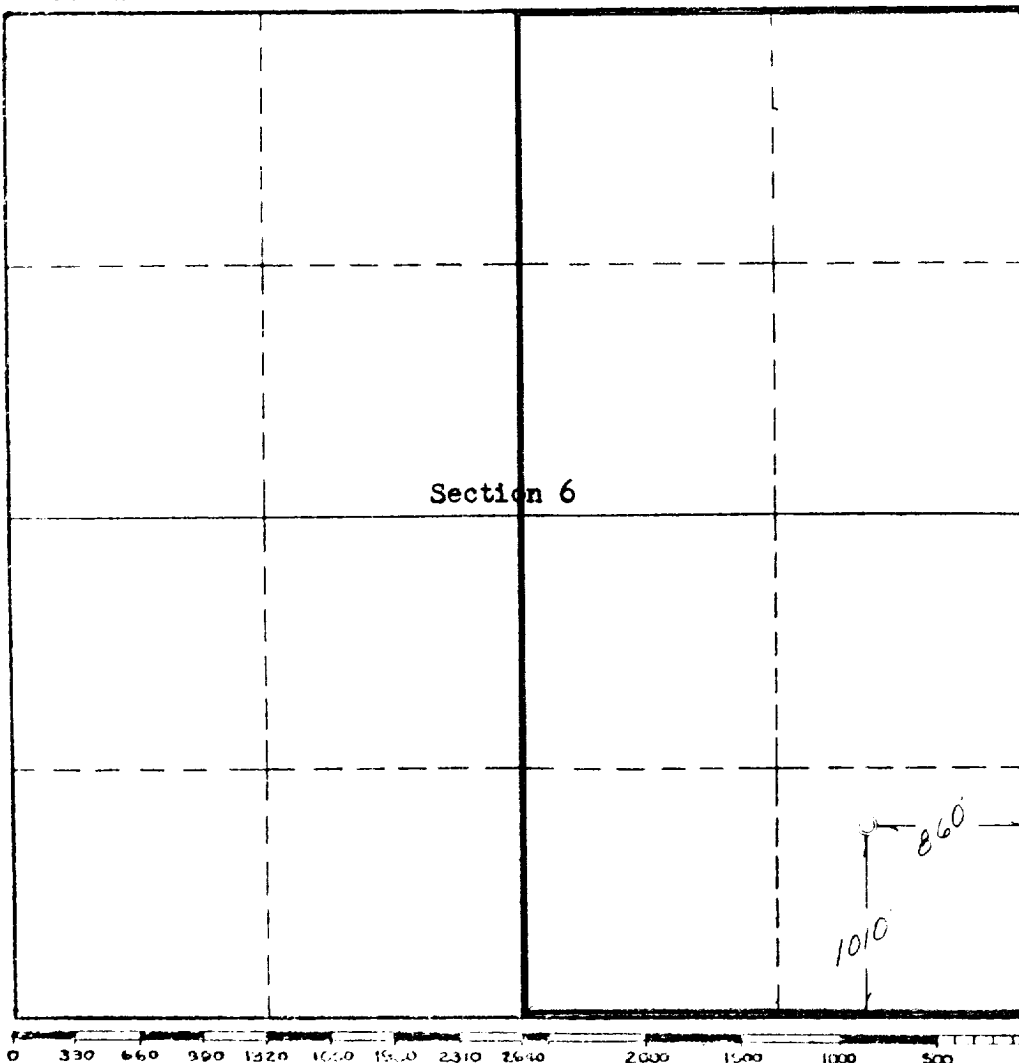
Owner

Land Description

RECEIVED
NOV 14 1963

DN. COM.
T. 3

Section B



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

SOUTHERN UNION PRODUCTION CO.
Operator
Gilbert D. Noland, Jr.
GILBERT D. NOLAND, JR.
(Representative)

DRILLING SUPERINTENDENT
P.O. Box 808, FARMINGTON, N.M.

This is to certify that the well location shown on the plat in Section B 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 Surveyed November 7, 1963

Registered Professional
Engineer and Land Surveyor.

Certificate No. 3084

SOUTHERN UNION PRODUCTION COMPANY

3-25-68

WELLS REQUIRING FILE CORRECTION ONLY

LEASE NAME & WELL NUMBER	LOCATION	POOL	PRESENT ACREAGE	CORRECT ACREAGE
Jicarilla G #3	C-1-26N-5W	Tapacito PC	160	159.88✓
Foster #4	G-4-26N-8W	Basin Dak.	N 320	N 321.20✓
Davis #1	G-5-26N-8W	Ballard PC	160	160.79✓
Navajo Indian #6	E-6-26N-8W	Basin Dak.	W 320	W 323.03✓
Newsom B #8	P-6-26N-8W	Basin Dak.	E 320	E 320.57✓
Navajo Indian #2	D-19-27N-8W	So. B1. PC	160	160.68✓
Navajo Indian B #4	D-30-27N-8W	So. B1. PC	160	160.60✓
Navajo Indian B #5	L-30-27N-8W	Blanco MV.	W 320	W 320.80✓
Navajo Indian B #5	L-30-27N-8W	Basin Dak.	W 320	W 320.80✓
Navajo D #1	F-1-27N-13W	Basin Dak.	W 320	W 319.91✓
Richardson #1	A-2-27N-13W	Basin Dak.	E 320	E 319.79✓
Richardson Com #3	N-2-27N-13W	Basin Dak.	W 320	W 319.61✓
Congress #5	G-34-29N-11W	Basin Dak.	E 320	E 321.58✓
Congress #6	M-35-29N-11W	Basin Dak.	S 320	S 317.60✓
Calloway #1	A-3-30N-11W	Aztec PC	160	160.10✓
Haynie #1	G-4-30N-11W	Aztec PC	160	160.15✓
Federal #1	M-18-30N-12W	Basin Dak.	S 320	S 319.08✓
Reid A #1	A-1-30N-13W	Basin Dak.	E 320	E 319.70✓
Reid A #2	L-1-30N-13W	Basin Dak.	W 320	W 319.10✓
McCord #7	H-4-30N-13W	Basin Dak.	E 320	E 320.60✓
Teel #1	H-13-31N-9W	Blanco MV.	E 320	E 316.87✓
Seymour #3	B-24-31N-9W	Blanco MV	E 320	E 319.37✓
Trigg #1	N-25-31N-9W	Blanco MV	W 320	W 317.48✓