

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 ☐			5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-768
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐			6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Indian
2. NAME OF OPERATOR Southern Union Production Company			7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Box 808 - Farmington, New Mexico			8. FARM OR LEASE NAME Navajo Indian
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1700 feet from North line and 91.0 feet from West line At proposed prod. zone Same as above.			9. WELL NO. 6
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 28 miles South of Bloomfield, New Mexico			10. FIELD AND POOL, OR WILDCAT Basin Dakota
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any) 910 ft.			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 6, T-26-N, R-8W N.M.P.M.
16. NO. OF ACRES IN LEASE 160			12. COUNTY OR PARISH San Juan
17. NO. OF ACRES ASSIGNED TO THIS WELL 320			13. STATE New Mexico
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, 200 ft. OR APPLIED FOR, ON THIS LEASE, FT. (Plugged well) 6600 ft.			19. PROPOSED DEPTH 6600 ft.
20. ROTARY OR CABLE TOOLS Rotary Tools			21. APPROX. DATE WORK WILL START* August 21, 1964
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6106 ft. Ungraded ground level			
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"	5-1/2"	17.0#	6600 ft.	1600 sacks cubic ft.

We propose to drill a well to the Dakota formation. Anticipated total depth 6600 ft.

1. Casing Program: Surface: 8-5/8", 24.0#, J-55 set at 300 ft. Cemented w/250 sacks.
Production: 5-1/2", 17.0#, J-55 set at total depth 6600 ft. R.K.B.
1st stage cemented w/350 cubic ft., Stage collar set under Mesaverde at
4565 ft. and cemented with 350 cubic ft. of cement. Stage Collar set
under Pictured Cliffs and cemented with 900 cubic ft. cement.
Tubing: 1-1/2", E.U.B., 2.90#, JCW set at approximately 6500 ft.

2. Rotary tools will be used to mud drill hole from surface to total depth.

3. Well will be sand fraced to stimulate production.

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. Gilbert D. Noland, Jr.
SIGNED Gilbert D. Noland, Jr. TITLE Drilling Superintendent DATE August 17, 1964

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY CM TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

RECEIVED

DATE
AUG 19 1964

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

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

Date August 17, 1964

Section A.

Operator SOUTHERN UNION PRODUCTION COMPANY Lease Navajo Indian
 Well No. 6 Unit Letter L Section 6 Township 26 NORTH Range 8 WEST NMPM
 Located 1700 Feet From the NORTH Line, 910 Feet From the WEST Line
 County SAN JUAN G. L. Elevation 6106' Dedicated Acreage 320 11' 32.3 03 Acres
 Name of Producing Formation Dakota Pool Basin Dakota

Is the Operator the only owner in the dedicated acreage outlined on the plat below?

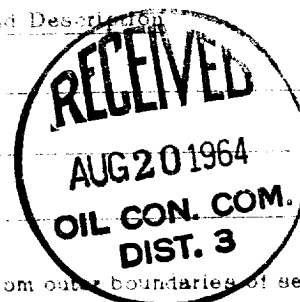
Yes No XIf the answer to question one is "no", have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes No If answer is "yes", Type of Consolidation

Communitization Agreement

If the answer to question two is "no", list all the owners and their respective interests below:

Owner

Land Description



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.

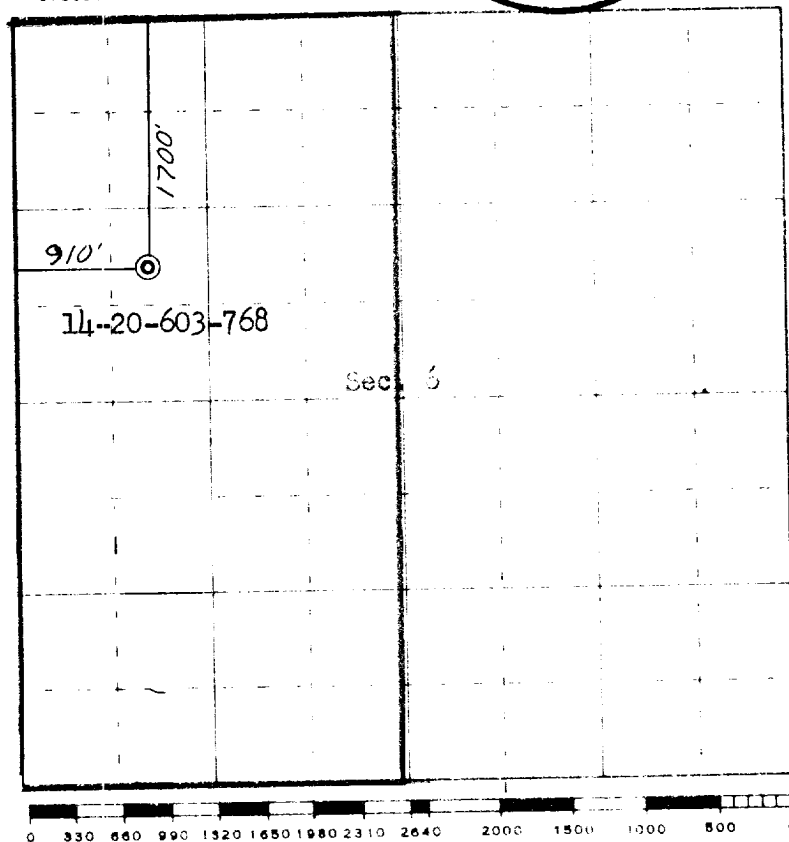
Southern Union Production Company
Gilbert D. Noland, Jr.
 (Representative)

Drilling Superintendent
 (Address)

P. O. Box 808

Farmington, New Mexico

Note: All distances must be from outer boundaries of section.



Scale 4 inches equal 1 mile

Ref: GLO plat dated 4 Nov. 1882

This is to certify that the above plat was prepared from field notes of actual surveys
 made by me or under my supervision and that the same are true and correct to the best
 of my knowledge and belief.

Date Surveyed August 16, 1964

James P. Leese
 Registered Professional Engineer and of Land Surveyor
 James P. Leese, N. Mex. Reg. No. 1463
 San Juan Engineering Company



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. Bl. PC	160	160.68✓
Navajo Indian B #4	D-30-27N-8W	So. Bl. 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✓