

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 42-R1425.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐		5. LEASE DESIGNATION AND SERIAL NO. CONTRACT #153
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME JICARILLA APACHE
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 JICARILLA "J"
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 890 FEET FROM NORTH LINE & 790 FEET FROM WEST LINE At proposed prod. zone SAME AS ABOVE		9. WELL NO. 8
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 16 MILES NORTHWEST OF QUITO, 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. unit line, if any) 890 FT.	16. NO. OF ACRES IN LEASE 2560	11. SEC., T., R., M., OR BLK. AND SURVEY OF AREA Sec. 25, T-24N, R-5E, N.M.P.M.
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 180 FT.	19. PROPOSED DEPTH 7590 FT.	12. COUNTY OR PARISH RIO ARriba
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6568 FT. UNGRADED GROUND LEVEL		13. STATE NEW MEXICO
22. APPROX. DATE WORK WILL START* AUGUST 26, 1966		

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 BAGS
7-1/8"	5-1/2"	15.50#	7590 FT.	2000 CU. FT. (3 STAGES)

- WE PROPOSE TO DRILL A WELL TO BE DUALY COMPLETED IN THE DAKOTA AND TOGITO FORMATIONS. ANTICIPATED T.D. 7590 FT.
- PROPOSED CASING PROGRAM: SURFACE: 300 FT. OF 8-5/8", 24.0#, J-55 CEMENTED TO SURFACE W/ 250 BAGS. PRODUCTION: 7590 FT. OF 5-1/2", 15.50#, J-55. 1ST STAGE CEMENT W/ APPROX. 400 CU. FT. STAGE COLLAR SET AT APPROX. 5400 FT. CEMENTED W/ APPROX. 500 CU. FT. STAGE COLLAR SET AT APPROX. 3100 FT. CEMENTED W/ 1100 CU. FT.
- ROTARY TOOLS WILL BE USED TO MUD DRILL HOLE FROM SURFACE TO T.D. OF 7590 FT.
- DAKOTA & TOGITO FORMATIONS WILL BE SAND FRACED TO STIMULATE PRODUCTION.
- 1-1/2" E.U.E., 2.90#, JCN TUBING WILL BE RUN TO DAKOTA & LANNED AT APPROX. 7400 FT.
- 1-1/2" INTEGRAL JOINT, 2.75#, JCN TBS. WILL BE RUN TO TOGITO & LANNED AT APPROX. 7600 FT.
- BAKER MODEL "D" 5-1/2" PRODUCTION PACKER WILL BE SET AT APPROX. 7100 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 GILBERT D. NOLAND, JR. TITLE DRILLING SUPERINTENDENT DATE AUG 23, 1966

SIGNED GILBERT D. NOLAND, JR.

TITLE DRILLING SUPERINTENDENT

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY [Signature]

TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

DATE
AUG 24 1966

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

*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

RECEIVED

AUG 24 1966

All distances must be from the outer boundaries of the Section

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

Operator SOUTHERN UNION PRODUCTION COMPANY		Lease JICARILLA J		Well No 8	
Unit Letter D	Section 25	Township 26 NORTH	Range 5 WEST	County RIO ARRIABA	
Actual Footage Location of Well: 890 feet from the NORTH line and 790 feet from the WEST line					
Ground Level Elev 6568.0	Producing Formation Dakota	Pool Dakota Dakota	Dedicated Acreage 320		Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 communization, unitization, force-pooling, etc?

() Yes () No If answer is "yes," type of consolidation **COMMUNITIZATION**

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 communization, unitization, forced-pooling, or otherwise) or until a non standard unit, eliminating such interests has been approved by the Commission.

RECEIVED

AUG 25 1966

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
GILBERT D. NOLAND, JR.

Name **GILBERT D. NOLAND, JR.**

Position

DILLING SUPERINTENDENT

Company

SOUTHERN UNION PRODUCTION CO.

Date

AUGUST 23, 1966

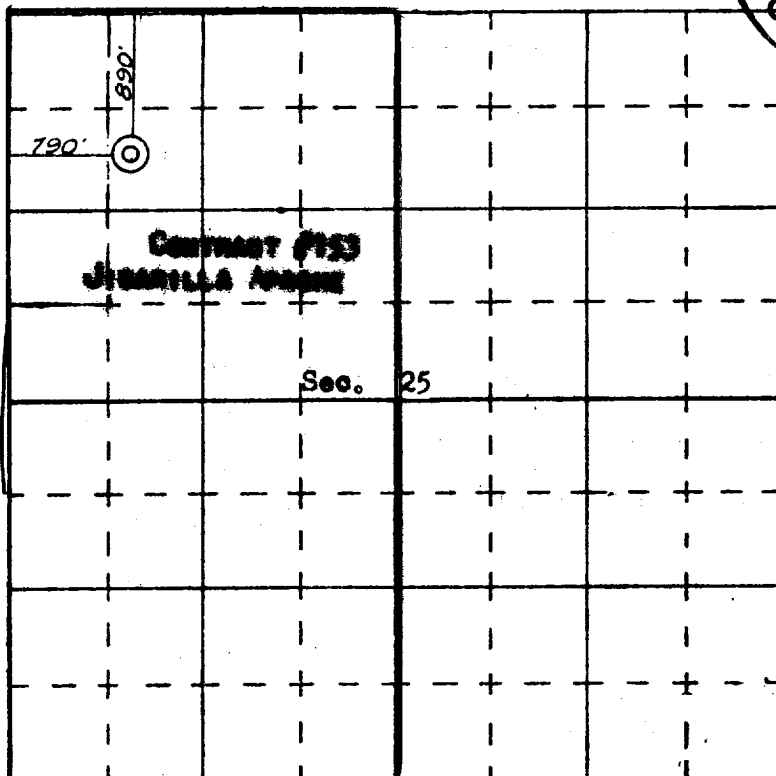
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

AUGUST 20, 1966

Date

Registered Professional Engineer
and Land Surveyor

Certificate



SCALE—4 INCHES EQUALS 1 MILE

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.