

ILLEGIBLE

30-039-20628

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
ZONES ☒

2. NAME OF OPERATOR

SOUTHERN UNION PRODUCTION COMPANY

3. ADDRESS OF OPERATOR

P. O. Box 805, FARMINGTON, NEW MEXICO 87401

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

At surface

1707 FT. FROM THE NORTH LINE AND 1850 FT. FROM THE 600' CORN. DIST. 3

At proposed prod. zone

SAME AS ABOVE.

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

12 MILES NORTHEAST OF ALTO, NEW MEXICO

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

1707 FT.

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

1800 FT.

16. NO. OF ACRES IN LEASE

2560

19. PROPOSED DEPTH

5870 FT.

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160 PICTURED CLIFFS

20. ROTARY OR CABLE TOOLS

ROTARY

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

6890 FT. UNGRADED GROUND LEVEL

22. APPROX. DATE WORK WILL START*

JULY 5, 1973

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"	24.06	200 FT.	175 BAGS
7-1/8"	5-1/2"	15.50	5870 FT.	1900 GALS. FT.

WE PROPOSE TO DRILL A WELL TO BE FULLY COMPLETED IN THE PICTURED CLIFFS AND MESQUITE FORMATIONS.

1. CASING PROGRAM

SURFACE 8-5/8", 24.06, K-55 SET AT 200 FT. CEMENTED TO SURFACE W/175 BAGS.
PRODUCTION 5-1/2", 15.50, K-55 SET AT 5870 FT. R.K.B. 1ST STAGE CEMENTED WITH 900 GALS. FT.; STAGE COLLAR SET UNDER PICTURED CLIFFS AT APPROX. 3800 FT. AND CEMENTED W/APPROX. 900 GALS. FT. OF CEMENT. STAGE COLLAR SET AT APPROX. 2000 FT. CEMENTED WITH 900 GALS. FT.

2. WELL WILL BE DRILL FROM SURFACE TO TOTAL DEPTH.

3. PICTURED CLIFFS AND MESQUITE FORMATIONS WILL BE SAND FRACED TO STIMULATE PRODUCTION.

4. DAKOTA 5-1/2" HOLES. DR PRODUCTION PAPER WILL BE SET AT APPROX. 5600 FT. R.K.B.

5. 1-1/2", E.L.E., 2.90, JCL-55 TUBING WILL BE RUN TO MESQUITE AND LAMMED AT APPROX. 5750 FT. R.K.B.

6. 1-1/2", 2.76, JCL-55 INTERIOR JOINT TUBING WILL BE RUN TO PICTURED CLIFFS AND LAMMED AT APPROX. 3800 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. Original signed by

GILBERT D. NOLAND, JR.

SIGNED

Gilbert D. Noland, Jr.

TITLE DRILLING SUPERINTENDENT

DATE MAY 8, 1973

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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.

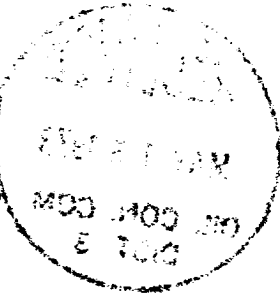
Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

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.

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NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACERAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

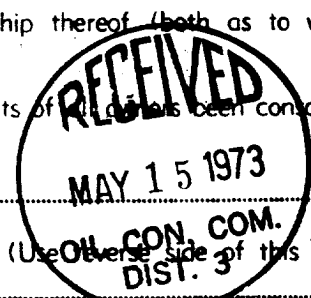
Operator SOUTHERN UNION PRODUCTION CO.			Lease JICARILLA A		Well No. 15
Unit Letter G	Section 14	Township 26 NORTH	Range 4 WEST	County RIO ARriba	
Actual Footage Location of Well: L707 feet from the NORTH line and 1850 feet from the EAST line					
Ground Level Elev. 6890.0	Producing Formation PICTURED CLIFFS		Pool TAPABITO PICTURED CLIFFS	Dedicated Acreage 5/8 160	Acres 300

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 _____

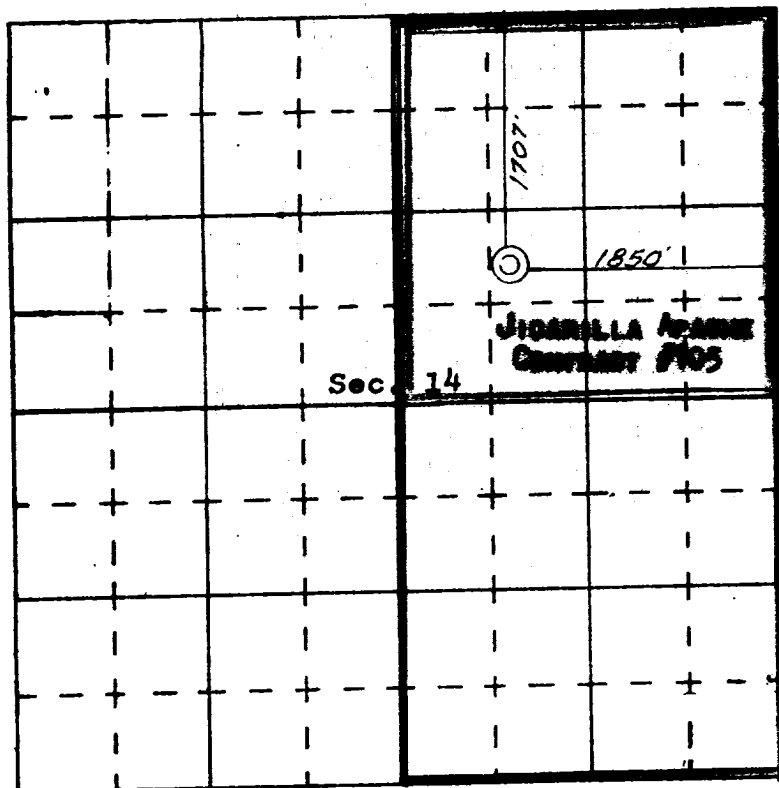
If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this Form if necessary.) _____

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.



_____ **DEDICATED PICTURED CLIFFS ACREAGE.**

_____ **DEDICATED NEVADIAN ACREAGE.**



SCALE—4 INCHES EQUALS 1 MILE

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

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
Date _____

MAY 8, 1973

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.

Date Signed **MAY 1973**

Registered Professional Engineer
and/or Land Surveyor

JAMES P. LEESE

1463

Certificate No. _____