

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

P. O. Box 806, Farmington, New Mexico 87401

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

At surface

8300 FT. FROM THE SOUTH LINE & 790 FT. FROM THE WEST LINE.
At proposed prod. zone SAME AS ABOVE.

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

15 MILES NORTHWEST OF COUNSELLORS, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

1810 FT. - LEASE LINE

790 - UNIT LINE

16. NO. OF ACRES IN LEASE

320

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

1440 APPROX.

19. PROPOSED DEPTH

7235

17. NO. OF ACRES ASSIGNED
TO THIS WELL

50 ACRES (Gallup)

320 ACRES (Dakota)

20. ROTARY OR CABLE TOOLS

Rotary Tools

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

6752 FT. UNGRADED GROUND LEVEL

22. APPROX. DATE WORK WILL START*

November 23, 1971

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	26.06	300 FT.	250 BAGS
7-7/8	5-1/2	15.56	7235 FT.	2400 CU. FT.

WE PROPOSE TO DRILL A WELL TO BE DUALY COMPLETED IN THE GALLUP AND DAKOTA FORMATIONS.
ANTICIPATED TOTAL DEPTH 7235 FEET.

1. CASING PROGRAM

SURFACE 8-5/8", 26.06, J-55 SET AT 300 FT. CEMENTED TO SURFACE W/250 BAGS.
PRODUCTION 5-1/2", 15.56 SET AT TOTAL DEPTH OF 7235 FT. R.K.D.
1ST STAGE CEMENTED W/600 CU. FT. OF CEMENT. STAGE COLLAR SET AT
APPROX. 5000 FT. UNDER MEASURED AND CEMENTED W/400 CU. FT. OF CEMENT.
STAGE COLLAR SET UNDER GARCIA AT APPROX. 3700 FT. AND CEMENTED WITH
1400 CU. FT. OF CEMENT.

2. ROTARY TOOLS WILL BE USED TO DRILL WELL FROM SURFACE TO TOTAL DEPTH.

3. GALLUP AND DAKOTA FORMATIONS WILL BE SAND FRACED TO STIMULATE PRODUCTION.

4. SAKER 5-1/2" MODEL "D" PRODUCTION PACKER WILL BE SET AT APPROXIMATELY 6000 FT. R.K.D.

5. 2-1/16", 3.30#, JOE TUBING WILL BE RUN TO DAKOTA AND LAPPED AT APPROX. 6900 FT. R.K.D.

6. 2-1/16", 3.30#, JOE TUBING WILL BE RUN TO GALLUP AND LAPPED AT APPROX. 6100 FT. R.K.D.

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

B. R. VANDERSLICE

SIGNED

B. R. VANDERSLICE

TITLE AREA SUPERINTENDENT

DATE November 17, 1971

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

DATE

CONDITIONS OF APPROVAL, IF ANY:

OIL CON. COM.
DIST. 3

See Instructions On Reverse Side

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

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.

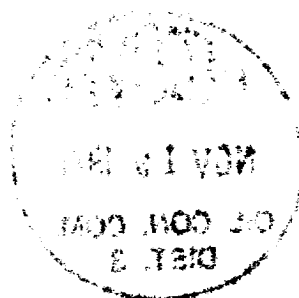
Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal 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.

U.S. GOVERNMENT PRINTING OFFICE : 1963-O-711-396

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**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT**

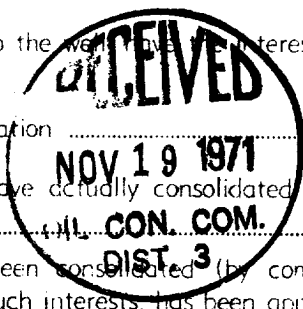
All distances must be from the outer boundaries of the Section

Operator SOUTHERN UNION PRODUCTION COMPANY			Lease JACOBILLA #1		Well No. 6
Unit Letter M	Section 34	Township 25 NORTH	Range 5 WEST	County MIO ARriba	
Actual Footage Location of Well: 830 feet from the SOUTH line and 790 feet from the WEST line					
Ground Level Elev. 6752.0	Producing Formation GALLUP - DANOTA	Pool CHERO GALLUP BASIN DANOTA	Dedicated Acreage DANOTA = 20 GALLUP = 10		

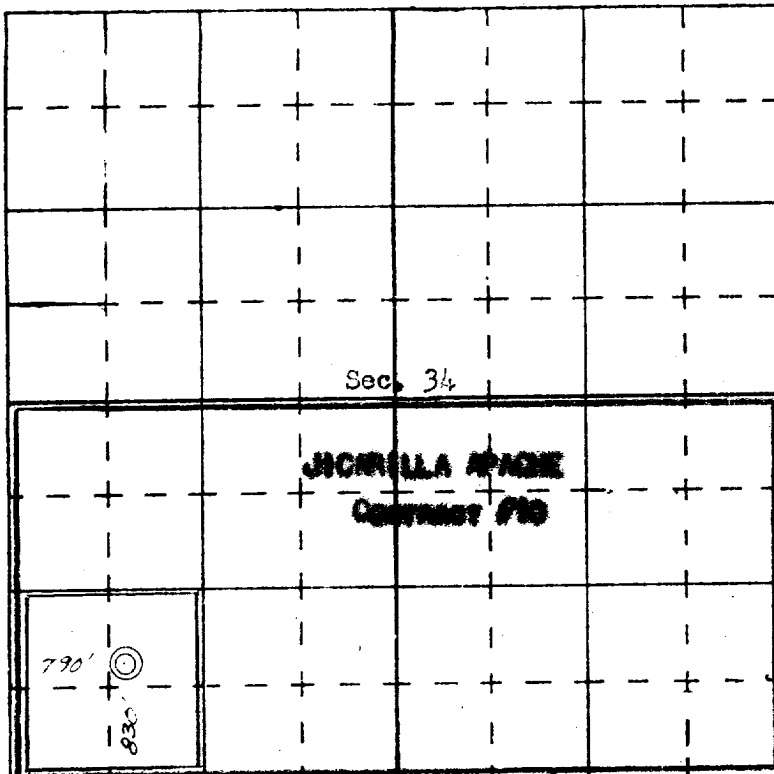
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, 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 communitization, unitization, forced-pooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.



_____ Dedicated DANOTA Acreage
 _____ Dedicated GALLUP Acreage



N

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

B. R. VANDERSLICE

Name

B. R. VANDERSLICE

Position

AREA SUPERINTENDENT

Company

SOUTHERN UNION PRODUCTION

Date

November 17, 1971

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.

16 November 1971
Date Surveyed

Registered Professional Engineer
and/or Land Surveyor

W. P. LEASE
1463

Certificate No.