

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

Zoller and Danneberg

3. ADDRESS OF OPERATOR

219 Patterson Building - Denver, Colorado 80202

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

At surface

660' FSL x 660' FEL Sec.11-31N-16W, NMPM

At proposed prod. zone

approximately same

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

12 miles northeast of Shiprock, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)660'

16. NO. OF ACRES IN LEASE

2560

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.none

19. PROPOSED DEPTH

2060' (Gallup)

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

5822' Gr.17. NO. OF ACRES ASSIGNED
TO THIS WELL40

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

November 27, 1964

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

It is intended to drill a 2060' Gallup test in the following manner:
Drill 9" hole to 30' and cement 7" casing with 10 sacks to surface.
Drill 6- $\frac{1}{4}$ " hole to 2060' with air or mist. If commercial production
is encountered, cement 4- $\frac{1}{2}$ " casing and sand-oil frac. Put well on
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.

Zoller and Danneberg

SIGNED

John F. Mitchell - Agent

TITLE

Operator

DATE

11-19-64

(This space for Federal or State office use)

PERMIT NO. 6648

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

NOV 19 1964

E. A. SCHMIDT

ACTING DISTRICT ENGINEER

*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.

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

SECTION A.

Date 11-19-64

Operator Zoller & Danneberg Lease North Many Rocks
Well No. 21 Unit Letter P Section 11 Township 31 North Range 16 West NAMP
Located 660 Feet From South Line, 660 Feet From East Line
County San Juan G. L. Elevation 5822 Dedicated Acreage 40 Acres
Name of Producing Formation Gallup Pool Wildcat

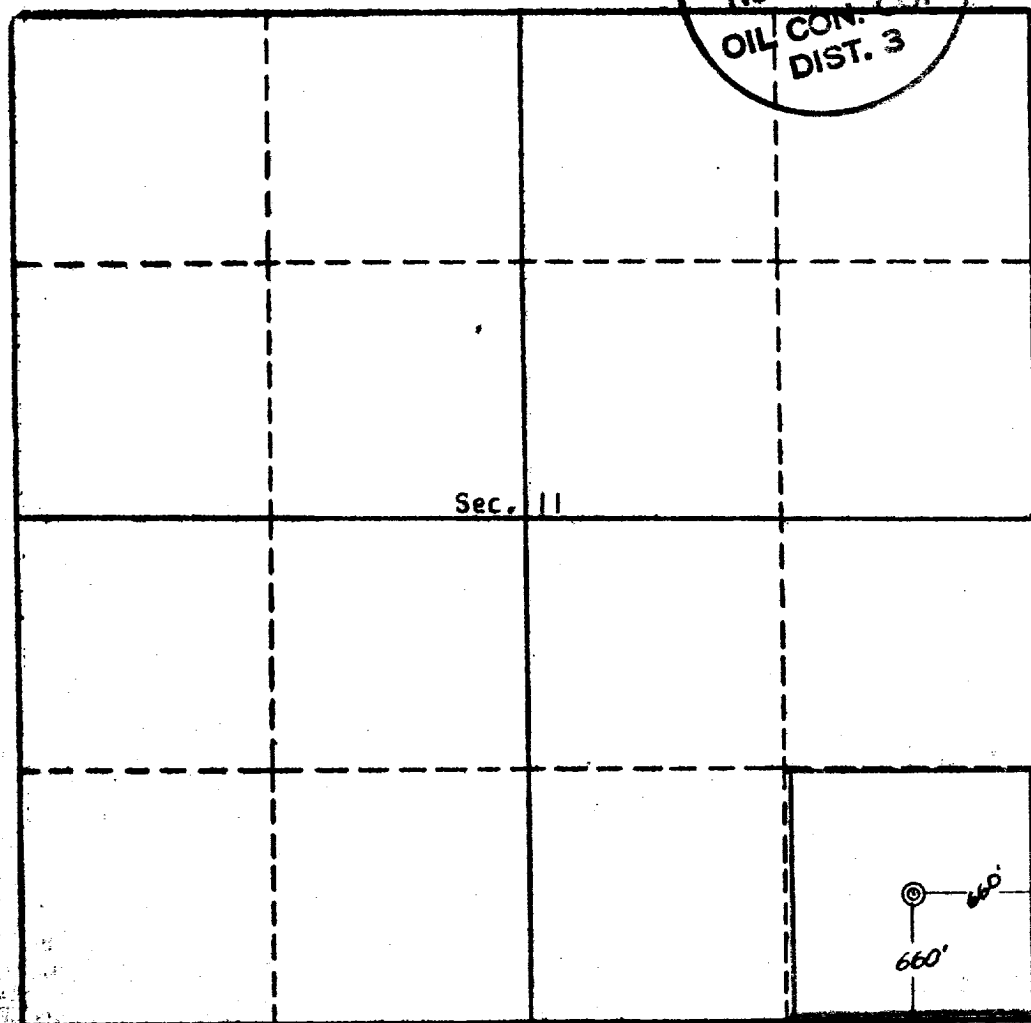
1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below? Yes X No
2. If the answer to question One is "No," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes No If answer is "Yes," Type of Consolidation
3. If the answer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

OWNER

RECEIVED

NOV 19 1964

SECTION B.



U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

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

Zoller and Danneberg
(OPERATOR)

John F. Mitchell
John F. MITCHELL - Agent
219 Patterson Building
Denver, Colorado 80202

This is to certify that the well location shown on the plat in Section B was plotted from field notes of actual survey 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 Nov. 12, 1964

Four States Engineering Co.
FARMINGTON, NEW MEXICO

Ernest A. Edwards
REGISTERED ENGINEER OR
LAND SURVEYOR

Certificate No. 3602

