

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. <u>Jicarilla Contract 70</u>	
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐			6. NAME OF LEASE <u>Jicarilla Apache</u>	
2. NAME OF OPERATOR <u>John E. Schalk</u>			8. FARM OR LEASE NAME <u>Since Diables</u>	
3. ADDRESS OF OPERATOR <u>Box 2078 Farmington, N. M.</u>			9. WELL NO. <u>3</u>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface <u>870' from S. line, 1065' from E. line</u> At proposed prod. zone			10. FIELD AND POOL, OR WILDCAT <u>Belard</u>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			11. SECTION, T. & R. OR BLK. AND SURVEY OR AREA <u>Sec. 23 T. 24N R. 4W</u>	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) <u>870</u>		16. NO. OF ACRES IN LEASE <u>160</u>	17. NO. OF ACRES ASSIGNED TO THIS WELL <u>160</u>	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		19. PROPOSED DEPTH <u>3000'</u>	20. ROTARY OR CABLE TOOLS <u>Rotary</u>	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <u>7055 Gr.</u>			22. APPROX. DATE WORK WILL START* <u>10-20-66</u>	
23. PROPOSED CASING AND CEMENTING PROGRAM				

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4	9 5/8	36	100	75 sks, 2% CaCl ₂
7 7/8	4 1/2	9.5	3000	125 sks

Propose to set 4 1/2" casing to base of Pictured Cliffs Sand at approximately 3000' if logs indicate production, using sufficient cement to cover Ojo Alamo Sand. Will perforate and sand-water frac Pictured Cliffs Sand. BOP will be used.

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. SIGNED V. L. Wiederkehr TITLE Consultant DATE 10-13-66
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY [Signature] TITLE [Signature] DATE 10-13-66
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.

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACERAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

Operator JOHN B. SCHALK		Lease Cinco Diables		Well No. 3
Unit Letter 1 P	Section 33	Township 24 NORTH	Range 4 WEST	County RIO ARriba
Actual Footage Location of Well: 870 feet from the SOUTH line and 1065 feet from the EAST line				
Ground Level Elev. 7055.0	Producing Formation Piedras Blancas	Pool Ballard	Dedicated Acreage 160	Acres

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 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.

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

V. L. Wiedersheim
Name **V. L. Wiedersheim**

Position **Consultant**

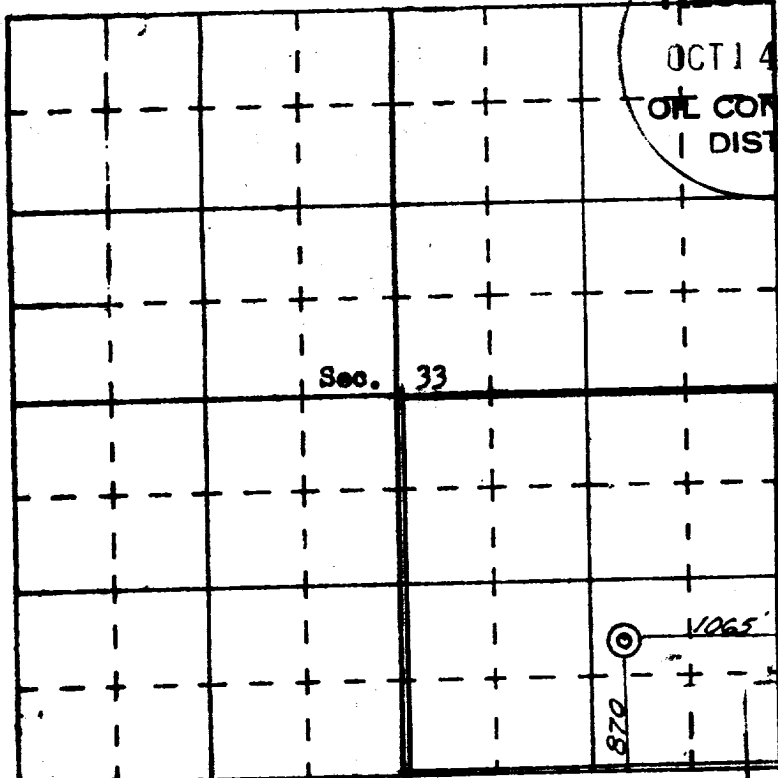
Company

Date **10-13-66**

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.

September 27, 1966
Date Surveyed

RECEIVED
OCT 13 1966
1467
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.



SCALE—4 INCHES EQUALS 1 MILE

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.