

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-20243

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
Jerome P. McHugh

3. ADDRESS OF OPERATOR
Box 234, Farmington, N. M. 87401

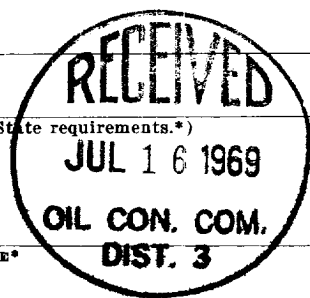
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface
 At proposed prod. zone **1650' fs1 990' fw1**

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

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) **990'**

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. **8280'**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
7192' Gr.



5. LEASE DESIGNATION AND SERIAL NO.

Contract 98

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jicarilla A

9. WELL NO.
4

10. FIELD AND POOL, OR WILDCAT
Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 19, T26N, R3W

12. COUNTY OR PARISH 13. STATE
Rio Arriba N. M.

16. NO. OF ACRES IN LEASE **2508.20**

17. NO. OF ACRES ASSIGNED TO THIS WELL **320**

19. PROPOSED DEPTH **8280'**

20. ROTARY OR CABLE TOOLS
Rotary

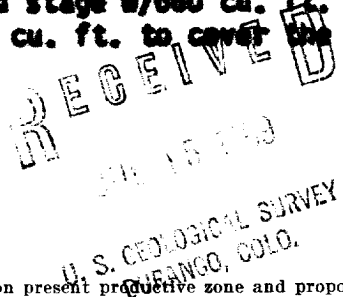
22. APPROX. DATE WORK WILL START*
7/15/69

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#	200'	175 sx.
7 7/8"	4 1/2"	10.5 & 11.6#	8280'	1800 cu. ft.

Propose to spud 12 1/4" hole and drill to approximately 200' and run 8 5/8" csg. cemented with 175 sx. to surface.

A 7 7/8" hole will then be drilled to approximately 8280' to test the Dakota formation. If commercial production is indicated 4 1/2" csg. will be run and cemented in three stages. The first stage w/200 sx. - the second stage w/660 cu. ft. to cover the Mesaverde formation - the third stage w/990 cu. ft. to cover the Pictured Cliffs formation. The well will then be perf. & S.W.F.



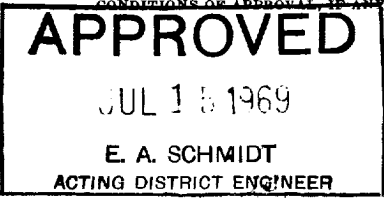
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Original signed by **Jim L. Jacobs** TITLE **Agent** DATE **7/14/69**

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY **SA** TITLE _____ DATE _____



*See Instructions On Reverse Side

Handwritten initials

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.

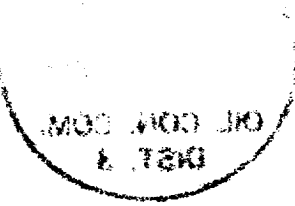
Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal 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-711-398

839-171



CONFIDENTIAL

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

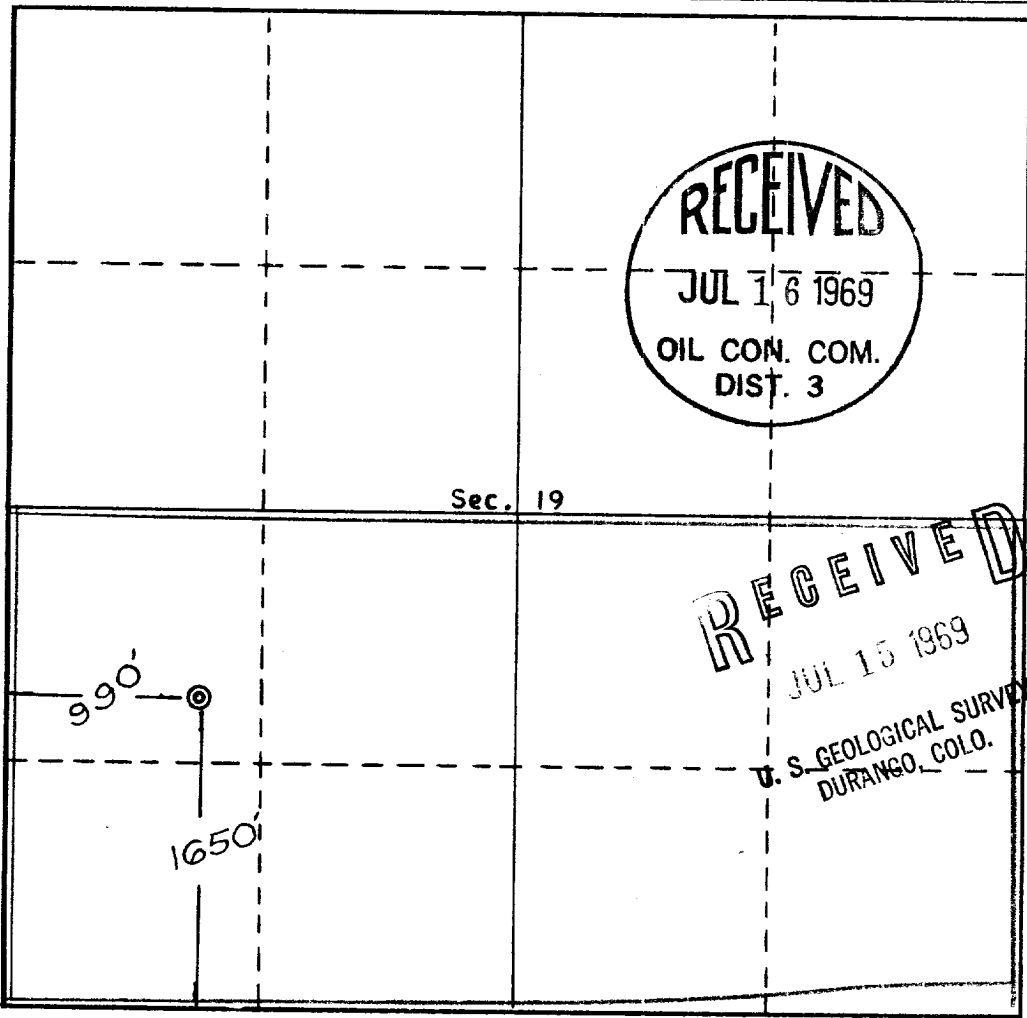
Operator JEROME P. McHUGH			Lease Jicarilla A		Well No. 4
Unit Letter L	Section 19	Township 26 North	Range 3 West	County Rio Arriba	
Actual Footage Location of Well: 1650 feet from the South line and 990 feet from the West line					
Ground Level Elev. 7192	Producing Formation Dakota	Pool Basin Dakota	Dedicated Acreage: 320 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 been 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.



RECEIVED
JUL 16 1969
OIL CON. COM.
DIST. 3

RECEIVED
JUL 15 1969
U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

CERTIFICATION

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

Original signed by
Jim L. Jacobs

Name **Jim L. Jacobs**

Position **Thomas A. Dugan**
Engineer Agent

Company
Jerome P. McHugh

Date
7/14/69

STATE OF NEW MEXICO
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.
JUL 15 1969

Date Surveyed
June 26, 1969

Registered Professional Engineer and/or Land Surveyor

E. J. ...

Certificate No. **3602**

