

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 ☐

2. NAME OF OPERATOR
Jerome P. McHugh

3. ADDRESS OF OPERATOR
930 Petroleum Club Bldg., Denver, Colo.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 790' from the north line
At proposed prod. zone 1160' from the west line

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) 790'

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL 320

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

19. PROPOSED DEPTH 7700'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6742' GR 6754' RKB

22. APPROX. DATE WORK WILL START* 8/15/68

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"	21#	200'	150 sx
7 7/8"	4 1/2"	10.5 & 11.6	7700'	1800 cu. ft.

A 12 1/4" hole will be drilled to approximately 200' and 8 5/8" surface pipe run and cemented to surface. A 7 7/8" hole will then be drilled to sufficient depth to test the Dakota formation, approximately 7700'.

If commercial production is indicated, 4 1/2" casing will be run and cemented in three stages. The first stage will be cemented with 200 sx; the second through stage collar below the Mesaverde w/660 cu. ft. and the third stage through stage tool below the Pictured Cliffs formation w/900 cu. ft. The Dakota will then be SWF, tbg. run and the well completed.

RECEIVED

AUG 6 1968

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 depth. Give blowout preventer program, if any.

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

24. Original signed by T. A. Dugan
SIGNED _____ TITLE Engineer DATE 8/5/68

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

NEW METHOD 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.

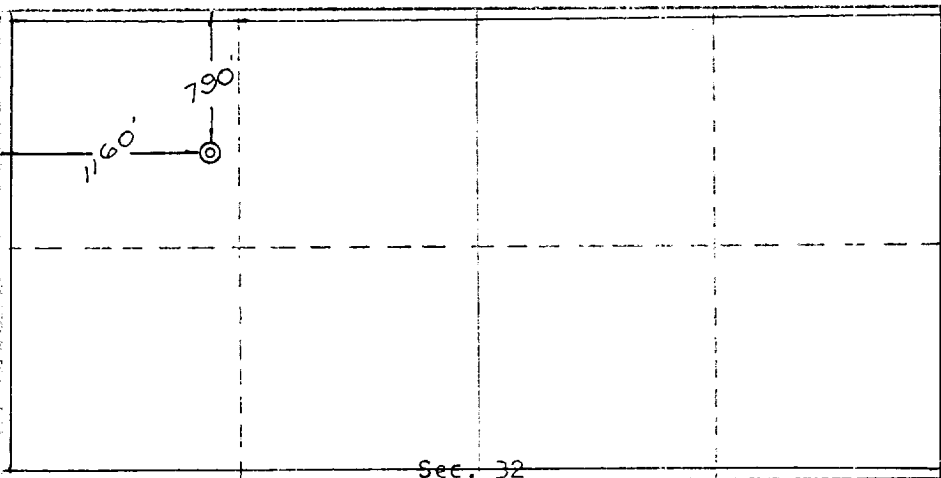
Lessee JEROME P. McHUGH		Lease McCarilla		Well No. 7
Section D	Section 32	Township 26 North	Range 4 West	County Rio Arriba
Section North, Section of Well: 790 Section North Line 1160 feet from the West Line				
Section East Line 6742	Producing Formation Dakota	Pool Basin Dakota	Dedicated Acreage 320 Acres	

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 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 been consolidated. (Use reverse side of this form if necessary.) _____

No acre will be assigned to the well until all interests have been consolidated (by communization, unitization, force-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.

Original signed by T. A. Dugan

Name	
Position	Thomas A. Dugan
Company	Consulting Engineer
Date	Jerome P. McHugh

7/31/68

I hereby certify that the well location shown on this plat was shown in field notes of Reg. No. 3602, and is correct to the best of my knowledge and belief.

EDWARD E. ECHOWANK

Date Surveyed	June 26, 1968
Registered Professional Engineer and/or Land Surveyor	E. E. Echowank

Consent No. 3602

