

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

Jerome P. McHugh

3. ADDRESS OF OPERATOR

930 Petroleum Club Bldg., Denver, Colorado 80202

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

1140' fs1 960' fw1

At proposed prod. zone

Same as above

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

8 miles east Blanco, New Mexico

16. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 960'

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

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

19. PROPOSED DEPTH

7625'

20. ROTARY OR CABLE TOOLS

Rotary

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

6364' Gr. 6377' RKB

22. APPROX. DATE WORK WILL START*

4/3/68

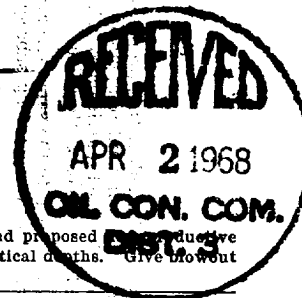
23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/8"	9 5/8"	32.75	200'	200 sx.
8 3/4"	7 "	20	3300'	400 cu. ft.
6 1/4"	4 1/2"	10.5 & 11.6#	7625'	650 cu. ft.

A 13 3/8" hole will be spudded and drilled to approx. 200' and 9 5/8" surface csg. run and cemented to surface. An 8 3/4" hole will then be drilled with mud to 3300' and 7" intermediate csg. run and cemented w/400 cu. ft. of cement. A 6 1/4" hole will then be drilled w/gas to test the Dakota formation at a total depth of approx. 7625'. 4 1/2" O.D. csg. will be run and cemented w/650 cu. ft. of cement. The Dakota formation will then be selectively perforated, S.W.F., tubing run and the well completed as a gas producer.

RECEIVED

APR 1 1968



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed 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. U. S. GEOLOGICAL SURVEY

SIGNED Original signed by T. A. Dugan

TITLE Consulting Engineer

DATE 3/29/68

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY DATE

CONDITIONS OF APPROVAL, IF ANY:

**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.

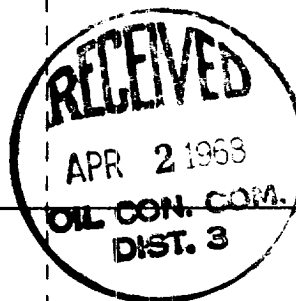
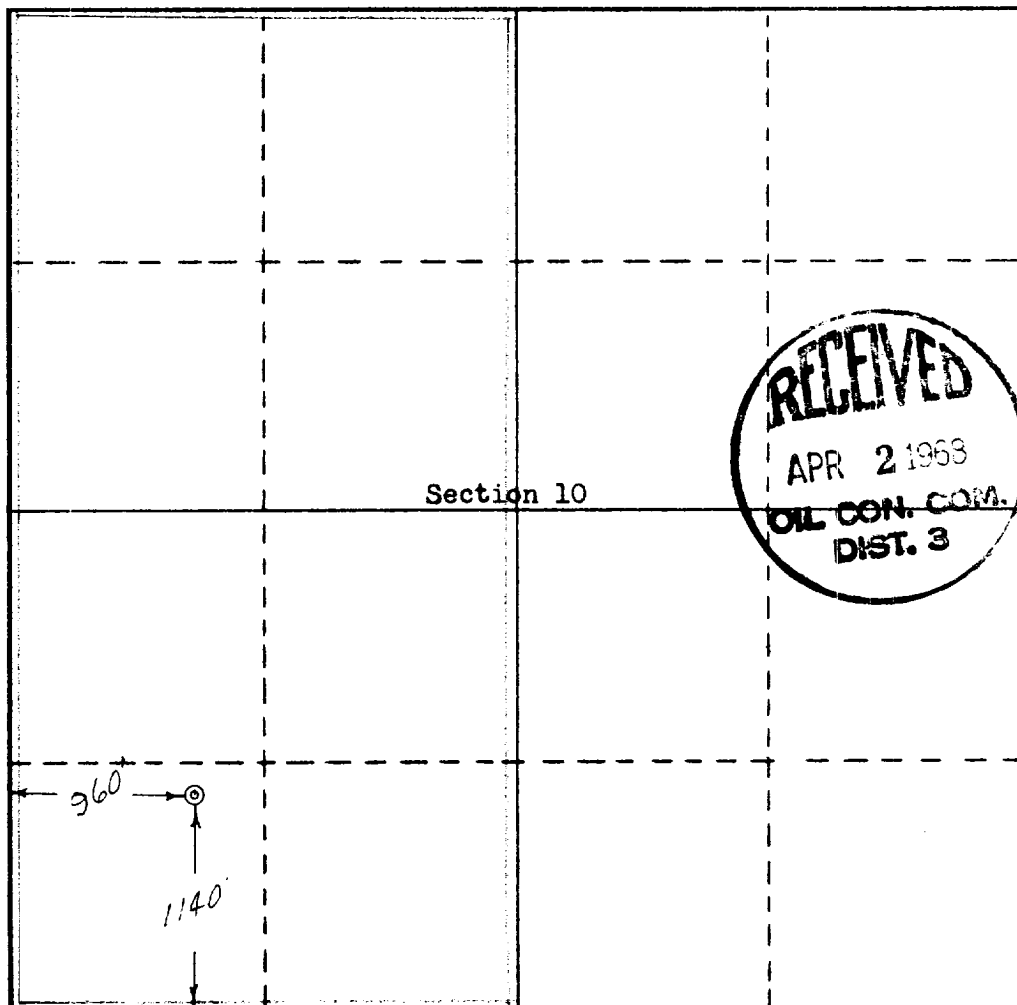
Operator Jerome P. McHugh			Lease		Well No. 2
Unit Letter M	Section 10	Township 29 North	Range 8 West	County San Juan	
Actual Footage Location of Well: 1140 feet from the South line and 960 feet from the West line					
Ground Level Elev. 6364	Producing Formation Dakota		Pool basin, Dakota	Dedicated Acreage: 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 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.



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	Thomas A. Dugan
Position	Consulting Engineer
Company	Jerome P. McHugh
Date	3/39/68

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.

Date	March 8, 1968
Registered Professional Engineer and/or Land Surveyor	3087
Certificate No.	4

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0