

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-20126

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐		5. LEASE DESIGNATION AND SERIAL NO. SF-078049-A	
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Jerome P. Mc Hugh		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 930 Petroleum Club Building, Denver, Colorado		8. FARM OR LEASE NAME Bolin-Hardie	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 880' fnl 1170' fnl Sec. 34 T29N R8W At proposed prod. zone		9. WELL NO. 1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 10 Miles east Blanco, New Mexico		10. FIELD AND POOL, OR WILDCAT Basin-Dakota	
10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 880'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 34-29N-8W NM P.M.	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		12. COUNTY OR PARISH San Juan	
19. PROPOSED DEPTH 7600'		13. STATE N.M.	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6402-GR - 6415 RKB		17. NO. OF ACRES ASSIGNED TO THIS WELL 320	
20. ROTARY OR CABLE TOOLS Rotary		22. APPROX. DATE WORK WILL START* 8-15-67	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	32.30#	200'	150 Cu. Ft.
8 3/4"	7"	23#	3250'	600 Cu. Ft.
6 1/4"	4 1/2"	10.50#	7625'	500 Cu. Ft.

Plan to spud a 12 1/4" hole and drill w/mud to 200', set 9 5/8" surface casing cemented to surface.

An 8 3/4" hole will then be drilled to a depth of 3200' w/mud and 7" set and cemented to surface.

A 6 1/4" hole will then be drilled w/gas to a total depth of 7600'; 4 1/2" casing cemented w/500 cu. ft. of cement.

The Dakota formation will then be selectively perforated & SWF. The well will be "cleaned up" and tbg. run.

RECEIVED
AUG 14 1967

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 Original signed by T. A. Dugan CONSULTING ENGINEER DATE 8/14/67

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY 524 TITLE DATE

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, re-drill 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 plat, 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-711-396

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

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

All distances must be from the outer boundaries of the Section

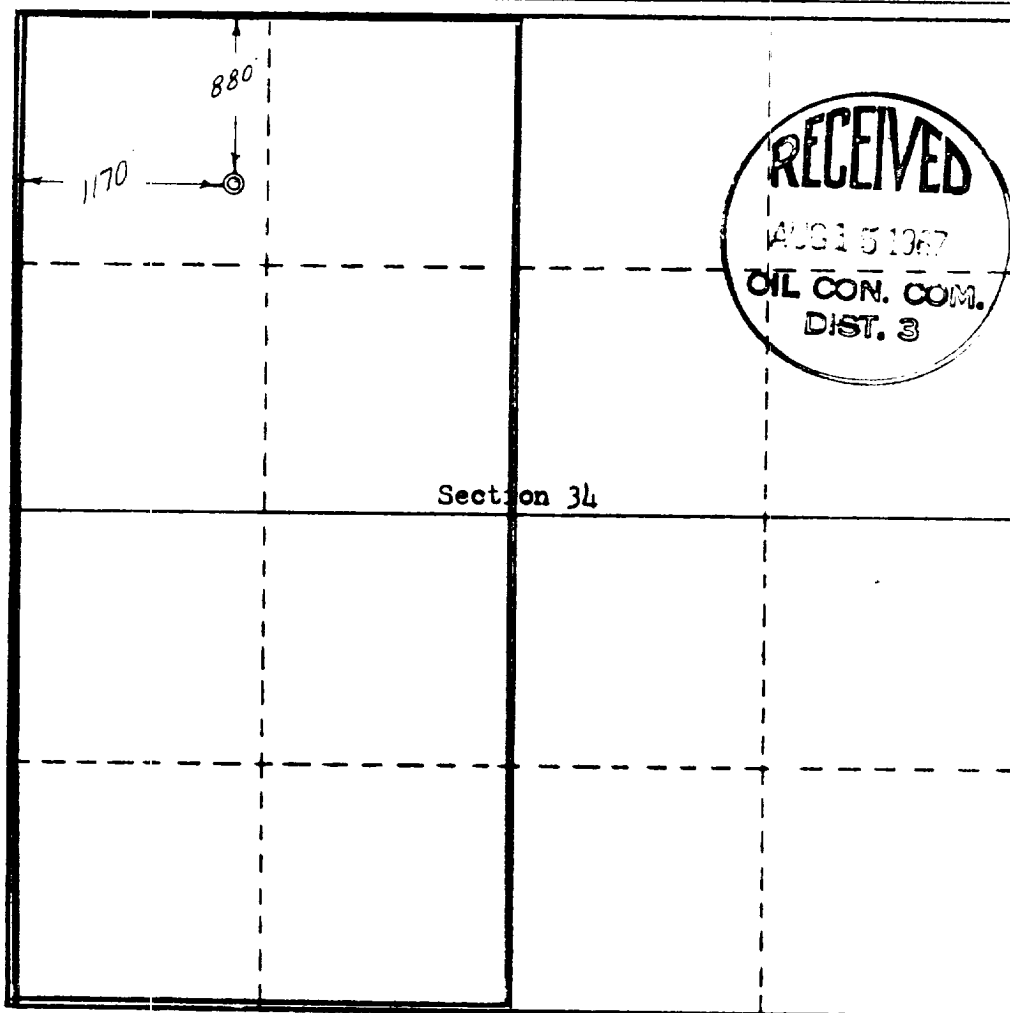
Operator Jerome P. McHugh			Lease Bolin-Hardie		Well No. 1
Unit Letter D	Section 34	Township 29 North	Range 8 West	County San Juan	
Actual Footage Location of Well: 880 feet from the North line and 1170 feet from the West line					
Ground Level Elev. 6402	Producing Formation Dakota		Pool Basin Dakota	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.

Thomas A. Dugan

Name
Original signed by **T. A. Dugan**
Position
Consulting Engineer

Company
Jerome P. McHugh

Date
8/14/67

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 Surveyed
July 6-8, 1967

Registered Professional Engineer
and/or Land Surveyor
36984

Certificate No.
3084