

**RECEIVED**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

JUL 12 1967

APPLICATION FOR PERMIT TO **DEEPEN, OR PLUG BACK**

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

**RECEIVED**  
DEEPEN  PLUG BACK   
JUL 14 1967  
OIL CON. COM.  
DIST. 3

b. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER  MULTIPLE ZONE

2. NAME OF OPERATOR  
**Jerome P. Mollugh**

3. ADDRESS OF OPERATOR  
**930 Petroleum Club Building, Denver, Colorado**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface **970' fml 850' fml Sec. 28 T29N R 8 W**

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**10 Miles east Blanco, New Mexico**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
**850'**

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  
**7575**

20. ROTARY OR CABLE TOOLS  
**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**6407' GR 6420 RKB**

22. APPROX. DATE WORK WILL START\*  
**7-12-67**

23. 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#	3200	600 cu. ft.
6 1/4"	4 1/2"	10.50#	7575	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" casing set and cemented to surface.

A 6 1/4" hole will then be drilled w/gas to a total depth of 7575', 4 1/2" casing cemented w/500 cu. ft. of cement.

The Dakota formation will then be selectively perforated and S.W.P.

The well will then be "cleaned up" and tbg. run.

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 J.P. Mollugh TITLE Consulting Engineer DATE 7/12/67

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY [Signature] 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 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.



**RECEIVED**

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

JUL 1 2 1967

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

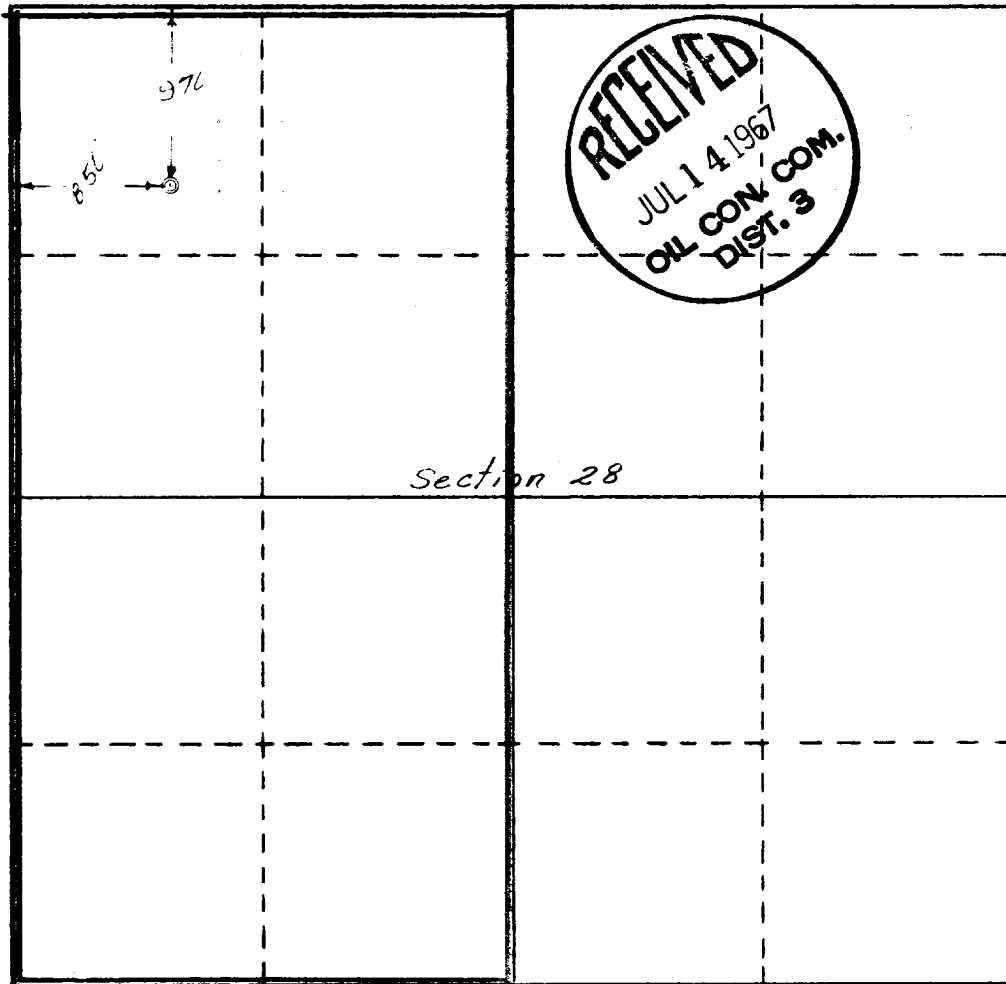
Operator <b>Jerome F. Geological Survey</b>		Lease <b>Hardie</b>		Well No. <b>2</b>
Unit Letter <b>D</b>	Section <b>28</b>	Township <b>29 North</b>	Range <b>8 West</b>	County <b>San Juan</b>
Actual Footage Location of Well: <b>970</b> feet from the <b>North</b> line and <b>850</b> feet from the <b>West</b> line				
Ground Level Elev. <b>6407</b>	Producing Formation <b>Dakota</b>	Pool <b>Dakota Dakota</b>	Dedicated Acreage: <b>320</b> 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.



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	<b>T. A. Dugan</b>
Position	<b>Consulting Engineer</b>
Company	<b>Jerome F. Halligh</b>
Date	<b>7/12/67</b>

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	<b>July 6, 1967</b>
Registered Professional Engineer and/or Land Surveyor	<i>[Signature]</i>

Certificate No. **3084**

