

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 ☐

Undesignated

SINGLE ZONE ☐

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

H. N. SWEENEY

3. ADDRESS OF OPERATOR

P. O. Box 1582, Roswell, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface 660 feet from North and West lines of Section

At proposed prod. zone

same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
10 miles northeast of Carlsbad, N. M.

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

(Also to nearest drilg. unit line, if any)

660'

16. NO. OF ACRES IN LEASE  
440 acres

19. PROPOSED DEPTH  
10,400' (Synaun)

17. NO. OF ACRES ASSIGNED TO THIS WELL  
46

20. ROTARY OR CABLE TOOLS  
Rotary and cable tools

22. APPROX. DATE WORK WILL START\*  
Feb. 25, 1966

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
3262 B.L.

PROPOSED CASING AND CEMENTING PROGRAM

23.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
16"	13-3/8"	54.500	300'
12-1/4"	9-5/8"	36#	4000'
8-3/4"	4-1/2"	11.600	10400'

QUANTITY OF CEMENT

Sufficient to circulate  
500 sacks  
300 sacks

RECEIVED

FEB 23 1966

O. B. C.  
ARTESIA, OFFICE

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U. S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

Adequate blowout preventers will be installed.

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

(This space for Federal or State office use)

TITLE

Operator

DATE

Feb. 23, 1966

PERMIT NO.

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL DATE

TITLE

DATE

FEB 23 1966

NOTIFY USGS IN SUFFICIENT TIME

\*See Instructions On Reverse Side

## 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.

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

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

Operator <b>H. N. Sweeney</b>			Lease <b>Canavan-Federal</b>		Well No. <b>1</b>
Unit Letter <b>D</b>	Section <b>12</b>	Township <b>T-20-S</b>	Range <b>R-28-E</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <b>660</b> feet from the <b>North</b> line and <b>660</b> feet from the <b>West</b> line					
Ground Level Elev. <b>3268</b>	Producing Formation		Foot	Dedicated Acreage: <b>40</b> Acres	

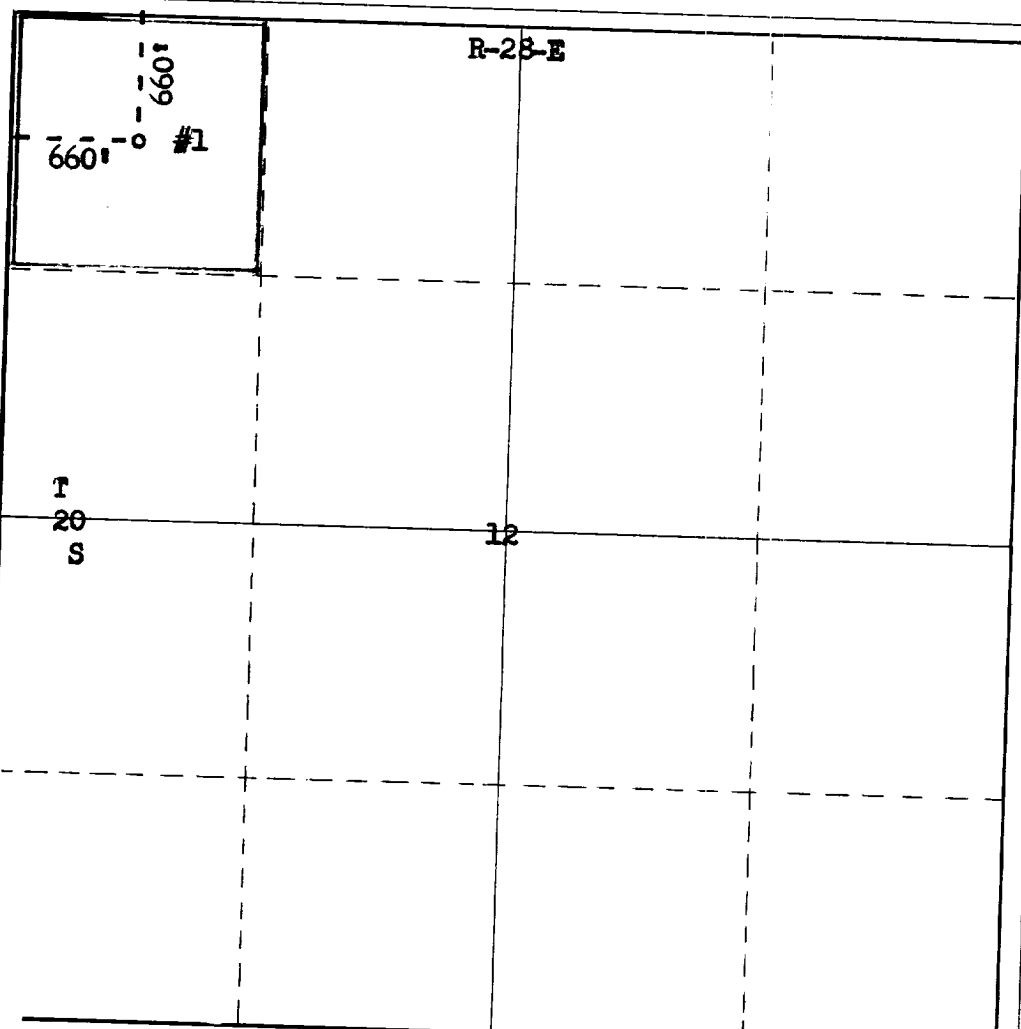
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is 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 \_\_\_\_\_

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**FEB 25 1966**

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.

Name  
**H. N. Sweeney**  
Position  
**Operator**  
Company  
Date

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  
**Feb. 18, 1966**  
Registered Professional Engineer and/or Land Surveyor

**James H. Brown**  
Certificate No.  
**542**