

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

OLEN P. FEATHERSTONE

3. ADDRESS OF OPERATOR

236 Petroleum Building, Roswell, New Mexico 88201

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

At surface

Sec. 27, T16S, R31E
1650' FSL & 2310' FSL

At proposed prod. zone

Same as Above

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

MAR 4 1965

O. C. C.

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)16. STATE OFFICE
36017. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.19. PROPOSED DEPTH
3800'

20. ROTARY OR CABLE TOOLS

Rotary

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

4064' GR

22. APPROX. DATE WORK WILL START*

March 5, 1965

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17"	13-3/8"	48#	30'	Cmt to Surface (2yds)
11" and 7-7/8"	5-1/2"	14#	T.D.	200 sx (Plus 50 sx to isolate salt)

Drill 17" Hole to 30', Set 13-3/8" Conductor Pipe,
Cement to Surface, WOC 18 hrs., test w/600# for 30 mins.
Drill 11" Hole to 550' then reduce Hole size to 7-7/8".
Drill to T.D. (Will take Two 50' Cores at approx. 3600'
and 3750').

Run Gamma Ray-Acoustic log. Run 5-1/2" Csg. to T.D.
Cement w/200 sx; spot 50 sx cmt down 1" pipe @ 550' to
isolate salt. WOC 18 hrs., test w/600# for 30 mins.
Run correlation log, perforate and sand frac as necessary.
Swab and Complete.

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

Rev. Alarcon

TITLE

Geologist

DATE

2/23/65

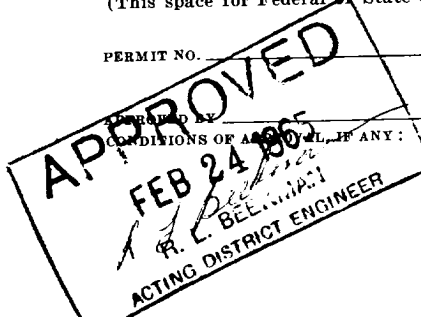
(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

TITLE

DATE



*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.

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.

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.

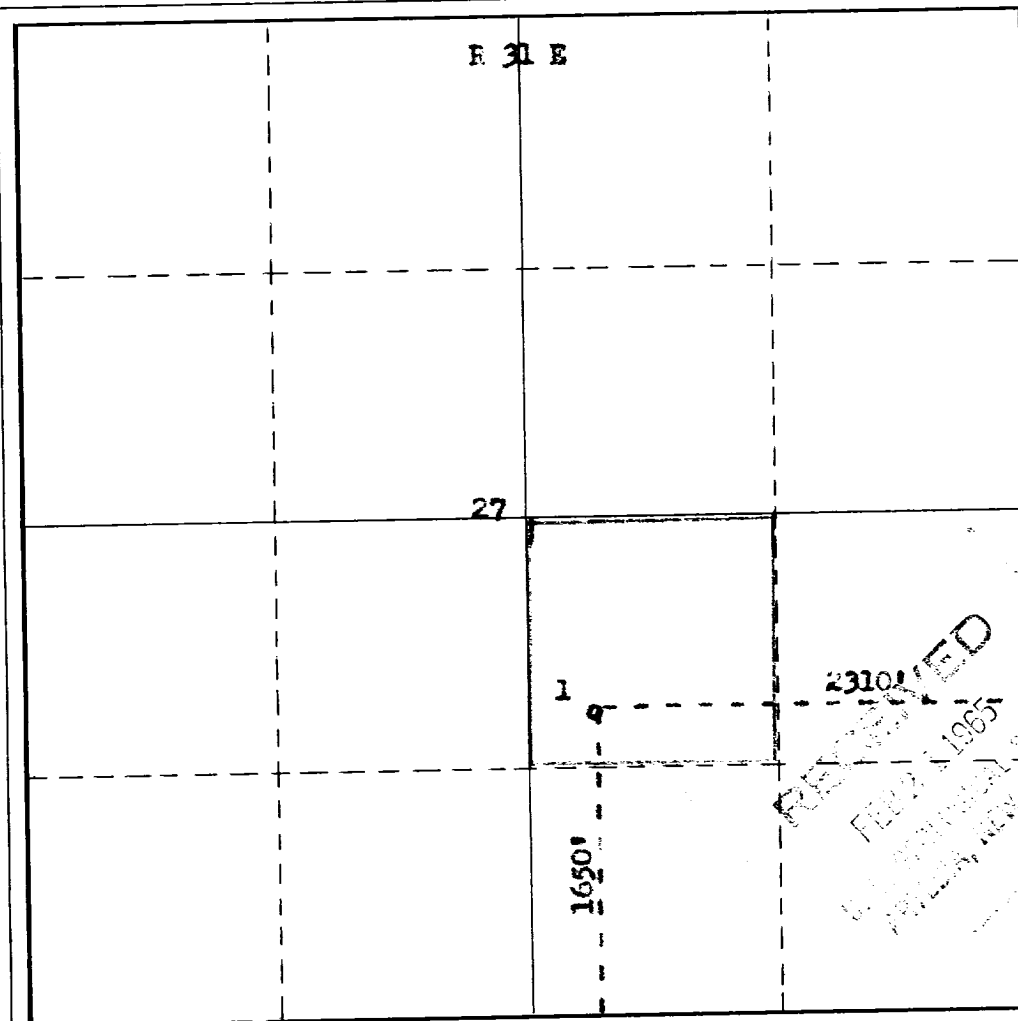
Operator Olen F. Featherstone			Lease Federal 1-27		Well No. 1
Unit Letter J	Section 27	Township 16 South	Range 31 East	County Eddy	
Actual Footage Location of Well: 1650 feet from the South line and 2310 feet from the East line					
Ground Level Elev. 4064	Producing Formation Mr. S A	Pool Under Square Lake	Dedicated Acreage: 40 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 _____ **MAR 4 1965**

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____
ANTERIA, OFFICE

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

Rex Alcorn

Position

Geologist

Company

OLEN F. FEATHERSTONE

Date

February 23, 1965

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

February 23, 1965
Registered Professional Engineer and/or Land Surveyor

Certificate No.

R.M.L.S. No. 542

RECEIVED
FEB 23 1965
W. J. BROWN

T
16
S

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