

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

30-043-20003

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 Wildcat ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

REESE & ROARK, INC.

3. ADDRESS OF OPERATOR

336 Korber Building, Albuquerque, New Mexico

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

At surface
1990' fnl, 1730' fel Sec. 31, T21N, R5W
At proposed prod. zone
1990' fnl, 1730' fel Sec. 31, T21N, R5W

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

20 miles south and east of Councilers, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

1730'

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED TO THIS WELL

160

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

None

19. PROPOSED DEPTH

1000' ±

20. ROTARY OR CABLE TOOLS

Rotary

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

6880 Gr

22. APPROX. DATE WORK WILL START*

December 10, 1966

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10 3/4"	7"	17 lbs.	29'	Circulate - 20 sacks
4 1/2"	6 1/4"	9 1/2 lbs.	TD	40 sacks

Plan to drill 6 1/2" hole to approximately 1000 feet.
Will core and DST Pictured Cliffs formation for gas.
If production is encountered, plan to run 4.5 inch casing to total depth and cement.
Will complete by selective perforation and fracture treatment.

OPERATIONS BY:

- ☒ LEASED LESSOR
☐ O. OF O. ON FILE
☐ O. OF O. ATTACHED

BOND COVERAGE:

- ☐ \$5,000 ATTACHED
☒ \$5,000 ON FILE
☐ LESSEE'S NATION-WIDE
☐ OPERATOR'S NATION-WIDE

RECEIVED

DEC 8 1966

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



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 W. R. Reese **TITLE** Reese & Roark, Inc. Geologist **DATE** Dec. 7, 1966

(This space for Federal or State office use)

PERMIT NO.

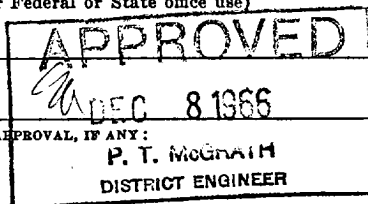
APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



*See Instructions On Reverse Side

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

All distances must be from the outer boundaries of the Section

Operator REESE & ROARK, INC.			Lease (NA 0550023-A) Morrie		Well No. 1 - 2 Morrie
Unit Letter G	Section 31	Township 21 North	Range 5 West	County Sandoval	
Actual Footage Location of Well: 1990 feet from the North line and 1730 feet from the East line					
Ground Level Elev. 6880 Est.	Producing Formation None	Pool None	Dedicated Acreage: 160 Acres		

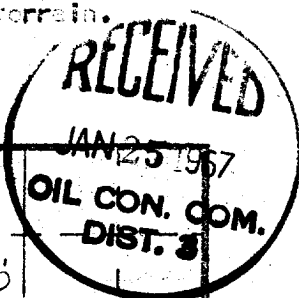
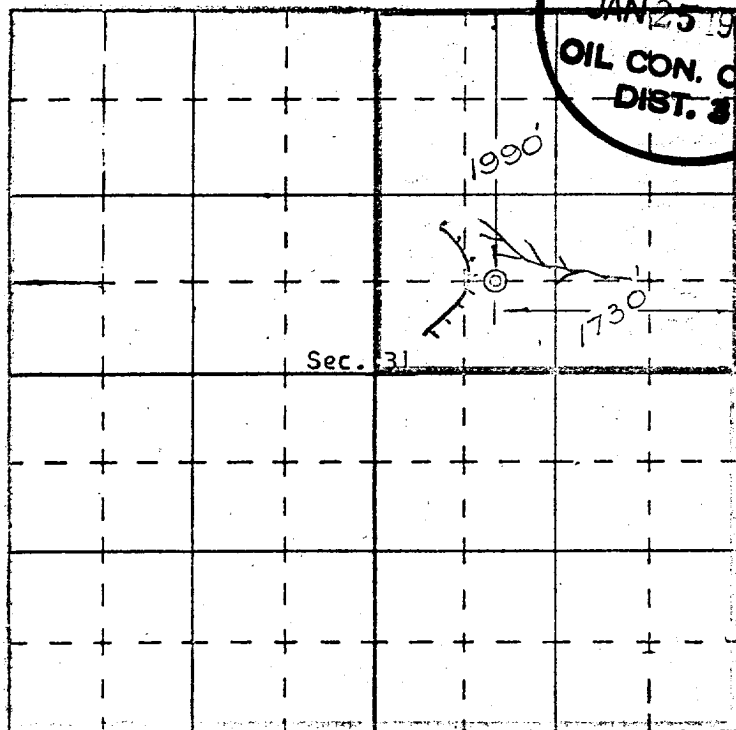
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty), One lease
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communization, unitization, force-pooling, etc?

() Yes () No If answer is "yes," type of consolidation all acres in lease - All Sec. 31

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

No allowable will be assigned to the well until all interests have been consolidated (by communization, unitization, forced-pooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.

Non-standard gas location due to terrain.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Val R. Riser
Name
Geologist
Position
REESE & ROARK, INC.
Company
December 7, 1966
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.

December 4, 1966
Date Surveyed
Registered Professional Engineer and/or Land Surveyor

E. J. Cochran
Certificate No. 3602