

NMDCG - ARTECIA
NMDCG - KODDS
BLM - SANTA FE☐ UNITED STATES
☒ DEPARTMENT OF THE INTERIOR
☐ GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.

NM 0354478

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Shell Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLM.
AND SURVEY OR AREA

Sec 19, T9S, R30E

12. COUNTY OR PARISH 13. STATE

Chaves New Mexico

1. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

2. TYPE OF WELL

OIL ☒GAS ☐OTHER ☐SINGLE ☒MULTIPLE ☐

3. NAME OF OPERATOR

Grover, MacCurdy and Hoffacker

4. ADDRESS OF OPERATOR

306 Midland National Bank Building, Midland, Texas 79701

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

At surface

660' FSL and 660' FWL of Section 19

6. Proposed prod. zone

660' FSL and 660' FWL of Section 19

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

13 miles SE Elkins, New Mexico

8. DISTANCE FROM PROPOSED*

DISTANCE TO NEAREST

TOWN OR LEASE LINE, FT.

Distance from G.P. unit line, if any

660'

16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

9. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

3500

20. ROTARY OR CABLE TOOLS

Rotary

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

4039.9 GR

22. APPROX. DATE WORK WILL START*

February 25, 1968

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11	8 5/8	20.0	250	200 sx
7 7/8	4 1/2	9.5	3500	200 sx

Tentative Well Program

Drill with native mud to 250'. Set surface casing and circulate cement to surface.
Drill with water and native mud to 3200'. Estimated T/San Andres @ 2428'.
Mud up @ 3200' w/9.0#/gal mud, 38 viscosity and 10 cc or less water loss.
Drill to TD of 3500' and run electric logs.
Run 4 1/2" casing and cement w/200 sx cement.
Release rotary and complete with well servicing unit.

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 prevention program, if any.

SIGNED J. W. Sutherland TITLE Partner DATE 2-19-68
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

FEB 20 1968

J. W. Sutherland
J. W. SUTHERLAND
DISTRICT ENGINEER

*See Instructions On Reverse Side

RECEIVED
FEB 20 1968U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O.C. 1
Supersedes O.C. 1-26
Effective 1-1-67

All distances must be from the outer boundaries of the Section

OWNER GROVER, MACCURDY & HOFFACKER			LEASE SHELL XXXX Federal			WELL NO. 1		
TOWNSHIP M 19		RANGE 9 SOUTH		SECTION 30 EAST		COUNTY CHAVES		
DISTANCE FROM THE 660 feet from the SOUTH		DISTANCE FROM THE 660 feet from the WEST		DEPTH 4059.9		FORMATION San Andres		POOL Wildcat
DISTANCE FROM THE 660 feet from the SOUTH		DISTANCE FROM THE 660 feet from the WEST		DEPTH 4059.9		FORMATION San Andres		POOL Wildcat

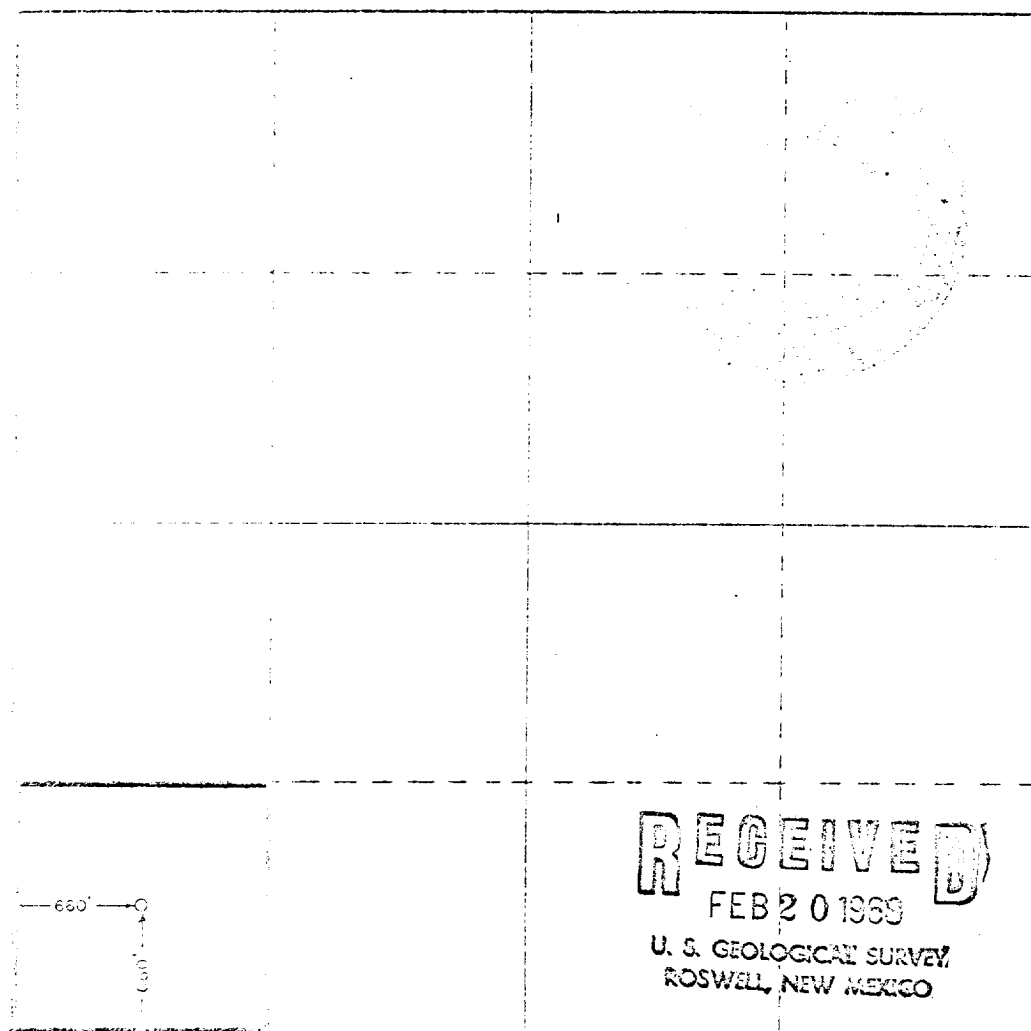
Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

1. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
2. 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 well be assigned to the well if interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a unit, eliminating such interests, has been approved by the Commission.



RECEIVED
FEB 20 1968
U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

CERTIFICATION

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

Partner

Grover, MacCurdy
and Hoffacker

February 19, 1968

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.

FEBRUARY 15, 1968

Date Surveyed

Registered Professional Engineer
and/or Land Surveyor

John W. West
Certificate No. 876