

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYNM OIL CORP.  
Drawer DD  
Artesia, NM 8821030-005-61606  
D. LEASE DESIGNATION AND SERIAL NO.

NM 15665

E. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Mesa Diablo - Fed.

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat, Abo

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

Sec. 35 T9S R25E

12. COUNTY OR PARISH

Chaves

13. STATE

New Mexico

## 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

Sanders Oil &amp; Gas Company

3. ADDRESS OF OPERATOR

14679 Midway Rd., Suite 101, Dallas, Texas 75234

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

At surface 660' from SL Sec.

At proposed prod. zone 660' from EL Sec.

Same

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

10 miles N.E. from Roswell

15. DISTANCE FROM PROPOSED\*

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

660'

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

None

16. NO. OF ACRES IN LEASE

160

19. PROPOSED DEPTH

4500'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

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

22. APPROX. DATE WORK WILL START\*

June 15, 1982

23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	900'	Circ. to surface
7 7/8	4 1/2	10.5#	4200'	300 sks.

We propose to drill the Mesa Diablo Federal No. 1 to test the Abo Formation. If productive casing will be set as above or if dry will be plugged and abandoned as instructed by the U.S.G.S. An archaeological survey has been made of the drill site and access road by the agency for Conservation Archaeology, Eastern New Mexico University.

Gas not dedicated.

RECEIVED

MAY 21 1982

O. C. D.  
ARTESIA, OFFICE

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

Dean Whittaker

TITLE Exploration Manager

DATE Apr. 9, 1982

(This space for Federal or State office use)

PERMIT NO.

GEORGE H. STEWART

APPROVAL DATE

APPROVED BY

MAY 14 1982

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

JAMES A. GILLHAM  
DISTRICT SUPERVISORFasted N/A  
ID-1  
5-25-82