

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.

NM 4954

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal 22

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

SEC. 22, T21N, R5W

12. COUNTY OR PARISH 13. STATE

Sandoval

N.M.

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

Dome Petroleum Corporation

3. ADDRESS OF OPERATOR c/o Minerals Management Inc.

501 Airport Dr., Suite 105, Farmington, N.M. 87401

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

At surface

660' FSL, 1650' FWL, SEC. 22, T21N, R5W

At proposed prod. zone

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

13 miles S/SW of Counselors Trading Post, N.M.

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

(Also to nearest drlg. unit line, if any) 660'

16. NO. OF ACRES IN LEASE

1920

17. 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.

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19. PROPOSED DEPTH

7100'

20. ROTARY OR CABLE TOOLS

Rotary

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

7299' GR

22. APPROX. DATE WORK WILL START*

Sept. 9, 1976

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 15" | 10 3/4" | 40.50# | 200' | 200 sx |
| 8 3/4" | 7" | 23-26# | 6850' | 500-700 sx |
| 6 1/4" | 4 1/2" | 10.50# | 7100' | 50 sx |

Operator proposes to drill a Jurassic test to 7100'. A low solids mud will be used to drill 8 3/4" hole. If casing is run, a liner will be set from TD with 150' overlap inside of 7" casing. A Series 900, 3000 psi WP BOP will be used. Completion data will be determined from logs.

CHANGE OPERATOR FROM FILON EXPLORATION CORPORATION TO DOME PETROLEUM CORPORATION. PREVIOUS APPLICATION TO DRILL WAS SUBMITTED JULY 7, 1976.

RECEIVED

NOV 9 1976

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

J. Arnold Snel

TITLE Area Manager

Minerals Management Inc. DATE 11-8-76

(This space for Federal or State office use)

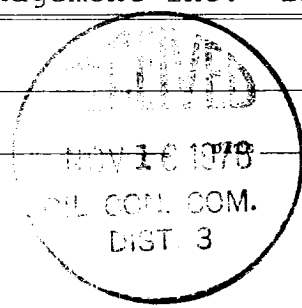
PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:



*See Instructions On Reverse Side