

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-031-20503

5. LEASE DESIGNATION AND SERIAL NO.

N00-C-14-20-5377

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo Allotted

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo Allotted 15

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Undesignated - Entrada

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

SEC. 15, T19N, R5W

12. COUNTY OR PARISH 13. STATE

McKinley 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 surface2310' FSL, 990' FWL, SEC. 15, T19N, R5W  
At proposed prod. zone

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

38 miles southwest 44 Trading Post

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any) 330'

16. NO. OF ACRES IN LEASE

160

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.

0'

19. PROPOSED DEPTH

5400'

20. ROTARY OR CABLE TOOLS

Rotary

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

6630 GR

22. APPROX. DATE WORK WILL START\*

March 15, 1977

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	10 3/4" new	32.75	200'	200 sx
8 3/4"	7" new	23.00	5400'	300-500 sx (2 stage)

Dome Petroleum Corporation (Operator) proposes to drill a Jurassic test to 5400'. Completion will be determined from Logs. A Series 900 (3000 PSI) WP Blowout Preventer will be used. The B.O.P. will be tested before drilling surface plug. The geologic name of the surface formation is Mesa Verde. Pertinent formation tops are estimated as Point Lookout 2035', Gallup 2970', Graneros 4045', Dakota 4182', Entrada 5205'. Drill stem tests will be taken where necessary for evaluation. No abnormal pressures and temperatures are anticipated. Drilling should require approximately 15 days.

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

Area Manager

TITLE Minerals Management Inc. DATE 2-2-77

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

atc

CONFIDENTIAL 1977