

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Minerals Management Inc., Suite 105,
501 Airport Drive, Farmington, New Mexico 87401

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

At surface
2310' FSL, 1650' FEL, SEC. 16, T19N
At proposed prod. zone

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

38 miles southwest of 44 Trading Post

15. DISTANCE FROM PROPOSED*

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

1650'

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

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16. NO. OF ACRES IN LEASE
160

19. PROPOSED DEPTH

5400

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

6591' GR

22. APPROX. DATE WORK WILL START*

September 30, 1977

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 1/4	9 5/8 new	36	200	200 sx
8 3/4	7 new	20&23	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 BOP 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 1965', Gallup 2900', Graneros 3975', Dakota 4110', Entrada 5135'. Drill stem test will be taken where necessary for evaluation. No abnormal pressures or temperatures are anticipated. Drilling should require approximately 15 days.

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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 8-29-77

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

AUG 30 1977

Okaf

*See Instructions On Reverse Side