

30-043-20460

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

501 Airport Drive, Suite 107, Farmington, NM 87401

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

At surface

2000' FWL, 500' FSL

2200'

At proposed prod. zone

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

4 miles Southwest of Cuba, New Mexico

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

1908.36

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

19. PROPOSED DEPTH

6300'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

ROTARY

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

6802 GR

22. APPROX. DATE WORK WILL START*

02/15/80

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 1/2"	9 5/8"	32.3#	200'	200 sacks (circulated)
8 3/4"	7"	20# & 23#	6300'	950 sacks (2 stage)

Move in rotary tools. Drill 13½" hole to 200'. Set 200' of new 9 5/8" casing. Cement as above. Wait on cement 12 hrs. Install 10" 900 series Blowout Preventer. Test to 500 psi before drilling out from under surface pipe. Drill 8 3/4" hole to TD. The Geologic Name of the surface formation is Mesa Verde. Pertinent formation tops are estimated as Point Lookout 2625', Gallup 3760', Dakota 5042', Morrison 5185', Todilto 6010', Entrada 6019', Carmel 6283'. Mud system will be low solids non-dispersed. Mud weight 8.5-9.2#/gal., w.l. 8-10cc, Viscosity 30-50 sec/quart. No abnormal temperatures or pressures are anticipated. Logging program will be DIL, FDC/CNL/GR with Caliper Log, drill stem test will be taken where necessary for evaluation. 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

H. D. HOLINGSWORTH

(This space for Federal or State office use)

TITLE DRLG & PRODUCTION FOREMAN

DATE 01/21/80

PERMIT NO.

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED
APPROVAL DATEJAMES F. SIMS
DISTRICT ENGINEER

JAN 24 1980

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"