

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 Corp.

## 3. ADDRESS OF OPERATOR

501 Airport Drive, Suite 114, Farmington, New Mexico 87401

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

At surface

1670' FSL, 690' FWL

At proposed prod. zone

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

9 miles West of Lybrook Trading Post

## 15. DISTANCE FROM PROPOSED\*

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

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

## 16. NO. OF ACRES IN LEASE

16

## 19. PROPOSED DEPTH

4800'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 20. ROTARY OR CABLE TOOLS

Rotary

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

6775' GR

## 22. APPROX. DATE WORK WILL START\*

10/15/80

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	
12 1/4"	8 5/8"	24#	200'	200 sacks (Circulated)
7 7/8"	4 1/2"	10.5#	4800'	600 sacks (Circulated)

Move in rotary tools. Drill 12 1/4" hole to 200'. Set 200' new 8 5/8" K55 casing. cement with 200 sx. Class "B" Cement with 2% CaCl. Wait on cement 12 hours. Install 10" 900 Series BOP. Test to 500 psi before drilling out from under surface pipe. Check pipe rams daily and blind rams on trips. Drill 7 7/8" hole to T.D. The geological name of the surface formation is Nacimiento. Oil is expected in the Gallup and gas is expected in the Chacra. All other formations are probably water bearing. Pertinent formation tops are estimated as Kirtland 811'; Pictured Cliff 1140'; Lewis Shale 1260'; Chacra 1534'; Point Lookout 3500'; Mancos 3672'; and Gallup 4517'. Mud will be low solids non-dispersed. Mud weight 8.8-9.2 #/Gal., F.L. 8-10cc, and Viscosity 30-50 Sec./Quart. No abnormal temperatures or pressures are anticipated. Logging program will be DIL, FDC/CNL with Gamma Ray and Caliper. Drill stem test will be taken where necessary for evaluation. If productive, 4 1/2", 10.5#, K55 casing will be run and cemented with 500 sx. 65/35 Pozmix with 6% Gel and 10# Gilsonite/sx. Followed with 100 sx. Class "B" Cement with 10% salt. 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. B. Hollingsworth*  
H. B. HOLLINGSWORTH

TITLE Drlg. &amp; Prod. Foreman

DATE 9/25/80

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED

APPROVED BY

TITLE

DATE

OCT 28 1980

*James F. Sims*  
JAMES F. SIMS  
DISTRICT ENGINEER*oh 3 m*

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107  
Revised 10-1-78MEXICO  
DEPARTMENT

All distances must be from the outer boundaries of the Section.

PETROLEUM CORPORATION		Lease <u>Tlsord</u> <u>DOMO-NAVAJO 23-22-7</u>		Well No. <u>1</u>
Section <u>23</u>	Township <u>22N</u>	Range <u>7W</u>	County <u>Sandoval</u>	
Footage Location of Well: <u>1670</u> feet from the <u>South</u> line and <u>690</u> feet from the <u>West</u> line				
Ground Level Elev: <u>6775</u>	Producing Formation <u>Gallup</u>	Pool <u>Wildcat</u>	Dedicated Acreage: <u>40</u> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

Sec.		23	690'	1670'

Scale: 1"=1000'

## CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name

H. D. HOLLINGSWORTH

Position

Drilling & Production Foreman

Company

DOMO PETROLEUM CORP.

Date

September 25, 1980

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

September 23, 1980Registered Professional Engineer  
and Land SurveyorFred B. Kerr, Jr.

Certificate No.

3950

UNITED STATES  
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## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other \_\_\_\_\_
2. NAME OF OPERATOR  
Dome Petroleum Corp. \_\_\_\_\_
3. ADDRESS OF OPERATOR 501 Airport Drive,  
Suite 114, Farmington, New Mexico 87401 \_\_\_\_\_
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17  
below.)  
AT SURFACE: 1670' FSL, 690' FWL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH: \_\_\_\_\_
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,  
REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF  
FRACTURE TREAT  
SHOOT OR ACIDIZE  
REPAIR WELL  
PULL OR ALTER CASING  
MULTIPLE COMPLETE  
CHANGE ZONES  
ABANDON\*  
(other) \_\_\_\_\_ Change Of Name \_\_\_\_\_

5. LEASE  
N00-C-14-20-5360

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Navajo Allotted

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Dome Navajo 23-22-7

9. WELL NO.  
1

10. FIELD OR WILDCAT NAME  
Wildcat/Gallup

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 23, T22N, R7W

12. COUNTY OR PARISH | 13. STATE  
Sandoval | New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6775' GR

(NOTE: Report results of multiple completion or zone charge on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Please change the name of Dome Navajo 23-22-7, Well #1 to Dome Tesoro 23, Well #1.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED H. D. HOLLINGSWORTH TITLE Drig. & Prod. Foreman DATE October 15, 1980

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

\*See Instructions on Reverse Side

**APPROVED**

OCT 28 1980

150 JAMES F. SIMS  
DISTRICT ENGINEER

**NMOC**