

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 107, Farmington, New Mexico 87401

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

At surface

2280' FSL, 2150' FEL

At proposed prod. zone

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

One mile West of Nageezi Trading Post, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

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

6910' G.R.

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING	QUANTITY OF CEMENT
12 1/4"	8 5/8"	23#	200'	200 sacks (circulated)
7 7/8"	4 1/2"	10.5#	5400'	600 sacks (circulated)

Move in rotary tools. Drill 12 1/4" hole to 200'. Set 200' new 8 5/8", 23# K55 casing. Cement with 200 sacks class "B" cement with 2% CaCl. Wait on cement 12 hours. Install 10" 900 series blowout preventer. 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 TD. The geological name of the surface formation is Paleocene Torrejon. Oil is expected in the Gallup. All other formations are probably water bearing. Pertinent formation tops are estimated as Ojo Alamo 910'; Kirtland 1047'; Pictured Cliff 1567'; Chacra 1944'; Cliffhouse 3024'; Point Lookout 3992'; Mancos 4174' and Gallup 5034'. Mud will be low solids non-dispersed. Mud weight 8.8-9.2 #/Gal., FL 8-10 cc, and viscosity 30-50 sec./quart. No abnormal temperatures or pressures are anticipated. Logging program will be DIL/FDC/CNL/GR with Caliper Log. Drill test will be taken where necessary for evaluation. If Productive 4 1/2", 10.5#, K55 casing will be run and cemented with 500 sacks 65/35 Pozmix, w/6% Gel and 10# Gilsonite/sx. followed with 100 sacks class "B" cement with 10% salt. Drilling should require 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. Hollingsworth
H. D. HOLLINGSWORTH

TITLE Drlg. & Prod. Foreman

DATE 5/01/80

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NMOCC

ok Sank

James L. ...
JAMES L. ...

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

Operator DOME PETROLEUM CORPORATION			Lease DOME-FEDERAL 35-24-9		Well No. 1
Unit Letter J	Section 35	Township 24N	Range 9W	County San Juan	
Actual Footage Location of Well:					
2280		feet from the South	line and	2150	feet from the East
Ground Level Elev. 6910	Producing Formation Gallup		Pool Wildcat Gallup		Dedicated Acreage: 40 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).

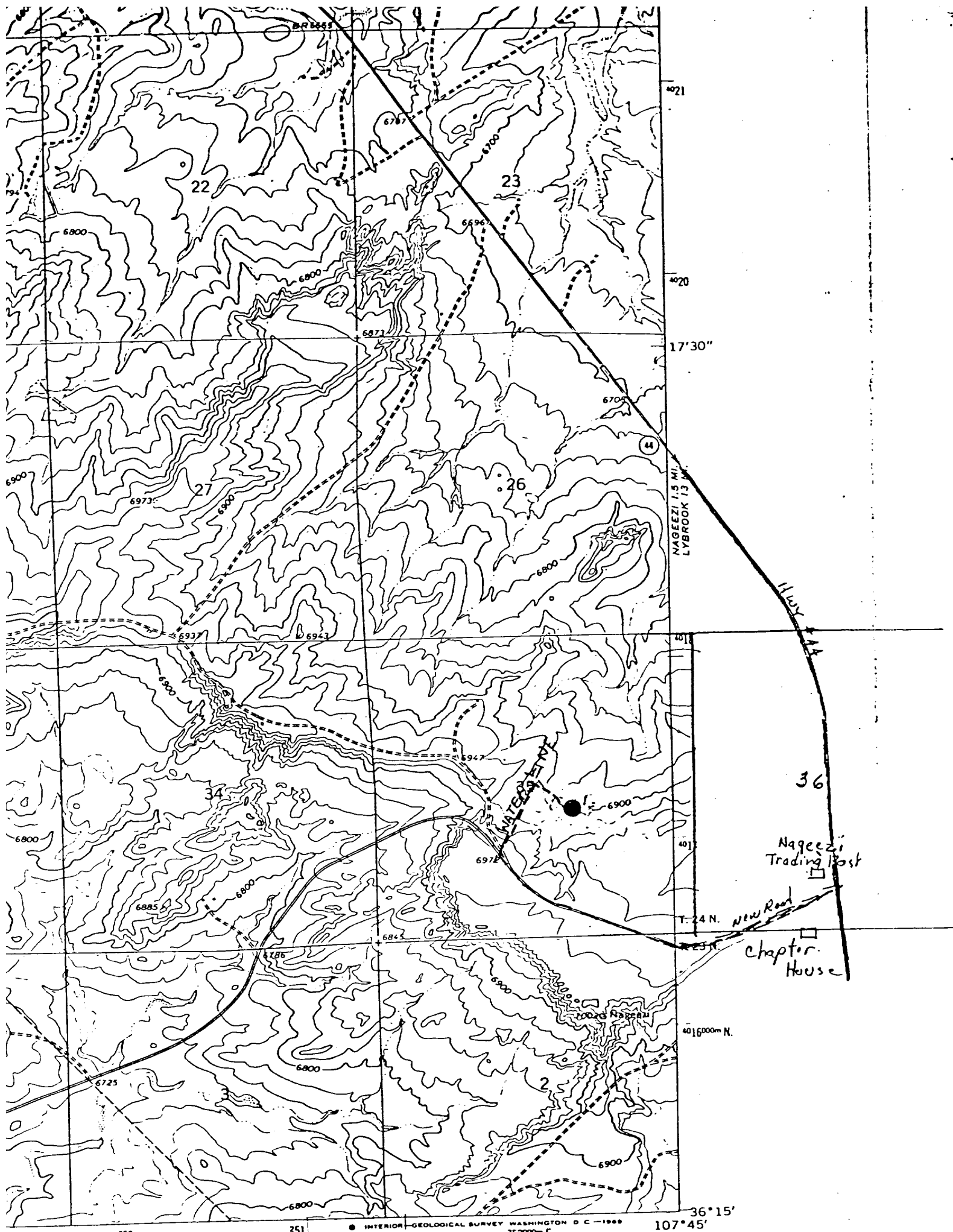
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ 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.

<p>Sec. 35</p> <p>2280'</p> <p>2150'</p>	<p align="center">CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p>	
	<p>Name <i>H. D. Hollingsworth</i></p>	
	<p>Position H. D. HOLLINGSWORTH</p>	
	<p>Drilling & Production Foreman Company DOME PETROLEUM CORP.</p>	
<p>Date May 1, 1980</p>		
<p>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.</p>		
<p>Date Surveyed April 30, 1980</p>		
<p>Registered Professional Engineer and/or Land Surveyor <i>Fred K. Kerr, Jr.</i></p>		
<p>Certificate No. 3950</p>		



ROAD CLASSIFICATION

Medium-duty ——— Light-duty ———

Unimproved dirt - - - - -

○ State Route



Vicinity Map for
 DOME PETROLEUM CORP. #1 DOME-FEDERAL 35-24-9
 2280'FSL 2150'FEL Sec. 35-T24N-R9W
 SAN JUAN COUNTY, NEW MEXICO

AMS 4456 IV SE-SERIES V881

(LYBROOK NW)
 4456 II NW