

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-073-30663

5. LEASE DESIGNATION AND SERIAL NO.

N00-C-14-20-5050

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo Allotted

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Dome Navajo 33-22-6

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Rusty Chacra Ext

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREAA
Sec. 33, T22N, R6W

12. COUNTY OR PARISH

Sandoval

13. STATE
New Mexico

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

3600 Southside River Rd., Farmington, New Mexico 87401

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

At surface 790' FNL, 790' FEL

At proposed prod. zone

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

9 miles Southwest of Counserlors Trading Post

15. DISTANCE FROM PROPOSED*

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

16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

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

19. PROPOSED DEPTH

2150'

20. ROTARY OR CABLE TOOLS

Rotary

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

6923' GR

22. APPROX. DATE WORK WILL START*

10/15/82

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 $\frac{1}{4}$ "	8 5/8"	24#	120'	100 sacks Circulated
6 $\frac{3}{4}$ "	4 $\frac{1}{2}$ "	10.5#	2150'	375 sacks Circulated

Move in rotary tools, Drill 12 $\frac{1}{4}$ " hole to 120'. Set 120' of new 8 5/8", 24#, K55 casing. Cement with 100 sacks Class "B" Cement with 2% CaCl. Wait on cement 12 hours. Install 6" 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 6 $\frac{3}{4}$ " hole to T.D. The geologic name of the surface formation is Tertiary Nacimiento. Gas is expected in the Chacra. All other formations are probably water bearing. Pertinent formation tops are estimated as Kirtland 470'; Fruitland 780'; Pictured Cliff 1340'; Chacra 1700' and Cliffhouse 2120'. Mud system will be low solids nondispersed. Mud weight 8.8-9.2#/Gal., FL 8-10 cc, Viscosity 30-50 sec./quart. No abnormal temperatures or pressures are anticipated. Logging program will be IES, FDC/CNL/GR with Caliper Log. Drill stem test will be taken where necessary for evaluation. If productive 4 $\frac{1}{2}$ ", 10.5#, K55 casing will be run and cemented with 275 sacks 65/35 Pozmix, 6% Gel, and 10# Gilsonite/sx. Followed with 100 sacks Class "B" Cement w/2% CaCl. Drilling should require approximately 6 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. Holzangsworthy

TITLE

Area Production Supt.

DATE

9/17/82

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

DATE

OCT 29 1982

JAMES F. SIMS
DISTRICT ENGINEER

NMOCC

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
OIL AND MINERALS DEPARTMENT

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-78

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

Operator Dome Petroleum Corporation			Lease Dome Navajo 33-22-6		Well No. 1
Unit Letter A	Section 33	Township 22N	Range 6W	County Sandoval	
Actual Footage Location of Well:					
790 feet from the North		line and	790 feet from the East		line
Ground Level Elev. 6923	Producing Formation Chacra	Pool Rusty Chacra Extension	Dedicated Acreage: 160 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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.

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

Area Production Supt.

Company

Dome Petroleum Corp.

Date

August 17, 1982

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 16, 1982

Registered Professional Engineer
and Land Surveyor

Fred B. Kerr Jr.

Certificate No.

3950

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