

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, NM 87401

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

At surface

1190' FNL, 790' FEL Sec. 29, T22N, R7W

At proposed prod. zone

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

12 miles west of Councilors Trading Post

## 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.)

6746' GR

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-7/8"	7"	20#	90'	50 Sacks Circ.
6-1/4"	4-1/2"	9.5# or 10.5#	1730'	By Caliper Log

Dome Petroleum Corp. proposes to drill an Upper Cretaceous test to 1730'. Completion will be determined from logs. A Series 900 (3000 psi W. P. ) Blowout Preventer will be used. The BOP will be tested to 500 psi before drilling surface plug. The geologic name of the surface formation is Tertiary Nacimiento. Pertinent formation tops are estimated as Chacra 1375'. Drill stem test will be taken when necessary for evaluation. No abnormal pressures or temperatures are anticipated. Drilling should require approximately 4 days.

*gas not dedicated*

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

Drilling Foreman

DATE

10/9/78

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE

OCT 27 1978

U. S. GEOLOGICAL SURVEY

30-089-20412

5. LEASE DESIGNATION AND SERIAL NO.

NM 6680

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal 29-22-7

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Rusty Chacra Extension

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

Sec. 29, T22N, R7W

12. COUNTY OR PARISH

Sandoval

13. STATE

New Mexico

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

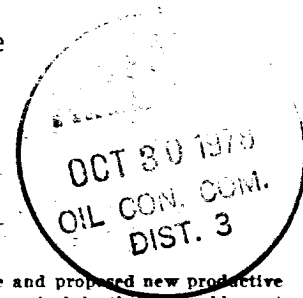
160

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START\*

November 1, 1978



**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-122  
Effective 1-1-66

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

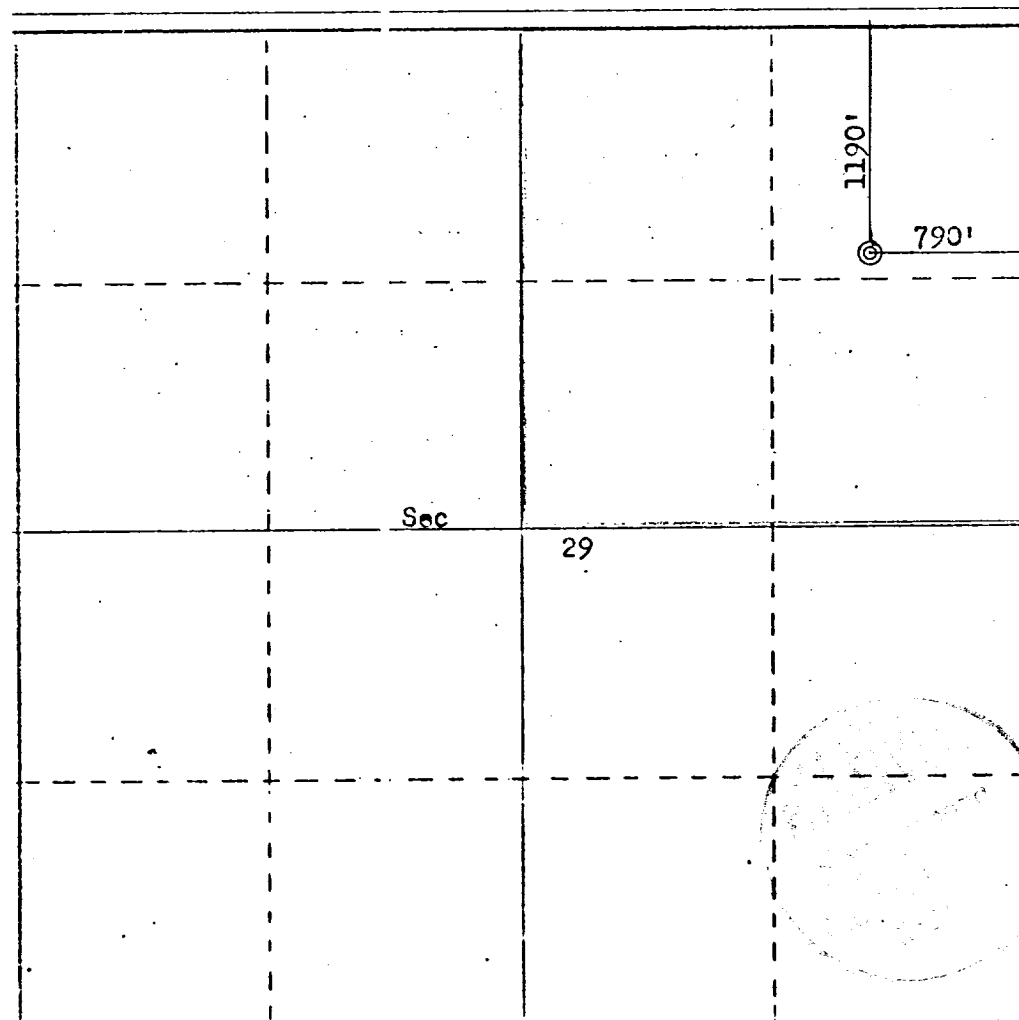
Operator <b>DOMO PETROLEUM CORPORATION</b>			Lease <b>FEDERAL 29-22-7</b>		Well No. <b>1</b>
Unit Letter <b>A</b>	Section <b>29</b>	Township <b>22N</b>	Range <b>7W</b>	County <b>SANDOVAL</b>	
Actual Footage Location of Well:					
<b>1190</b>	feet from the	<b>North</b>	line and	<b>790</b>	feet from the <b>East</b> line
Ground Level Elev. <b>6746</b>	Producing Formation <b>Cretaceous - Chacra</b>		Pool <b>Wildcat Rusty Chacra Extension</b>		Dedicated Acreage <b>160</b> 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.



**CERTIFICATION**

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

*H. D. Hollingsworth*  
Name  
**H. D. Hollingsworth**  
Position  
**Drilling Foreman**  
Company  
**Dome Petroleum Corp.**  
Date  
**October 6, 1978**

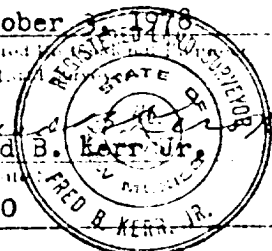
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
**October 3, 1978**

Registered  
in the State of New Mexico

*Fred B. Kerr, Jr.*  
Fred B. Kerr, Jr.

3950



330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600