

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

K & A, Inc. Minerals Management,  
501 Airport Drive, Suite 105, Farmington, N. M. 87401

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

At surface

K 1690' FSL, 2310' FWL, Sec. 22, T19N, R5W  
At proposed prod. zone

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

39 miles southwest of 44 Trading Post.

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

330'

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.)

6613

## 23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT      |
|--------------|----------------|-----------------|---------------|-------------------------|
| 13 1/4"      | 9 5/8" (new)   | 32.3#           | 200'          | 200 sx.                 |
| 8 3/4"       | 7 (new)        | 20 & 23         | 5400'         | 300 - 500 sx. (2 stage) |

Dome Petroleum Corp. (Operator) proposes to drill a Jurassic test to 5400'. Completion will be determined from logs. A series 900 (3000 PSI) WP Blowout Preventer will be used. The B.O.P. will be tested before drilling surface plug. The geologic name of the surface formation is Mesa Verde. Pertinent formation tops are estimated as Point Lookout 1965', Gallup 2900', Graneros 3975', Dakota 4110', Entrada 5135'. Drill stem test will be taken where necessary for evaluation. No abnormal pressures or temperatures are anticipated. Drilling should require approximately 15 days. Designation of operator will be filed.

CONFIDENTIAL

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

TITLE Area Manager

DATE 5-12-78

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

DATE  
MAY 15 1978U. S. GEOLOGICAL SURVEY  
DURANGO, COLO.

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

Form C-102  
Supersedes C-128  
Effective 1-1-65

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

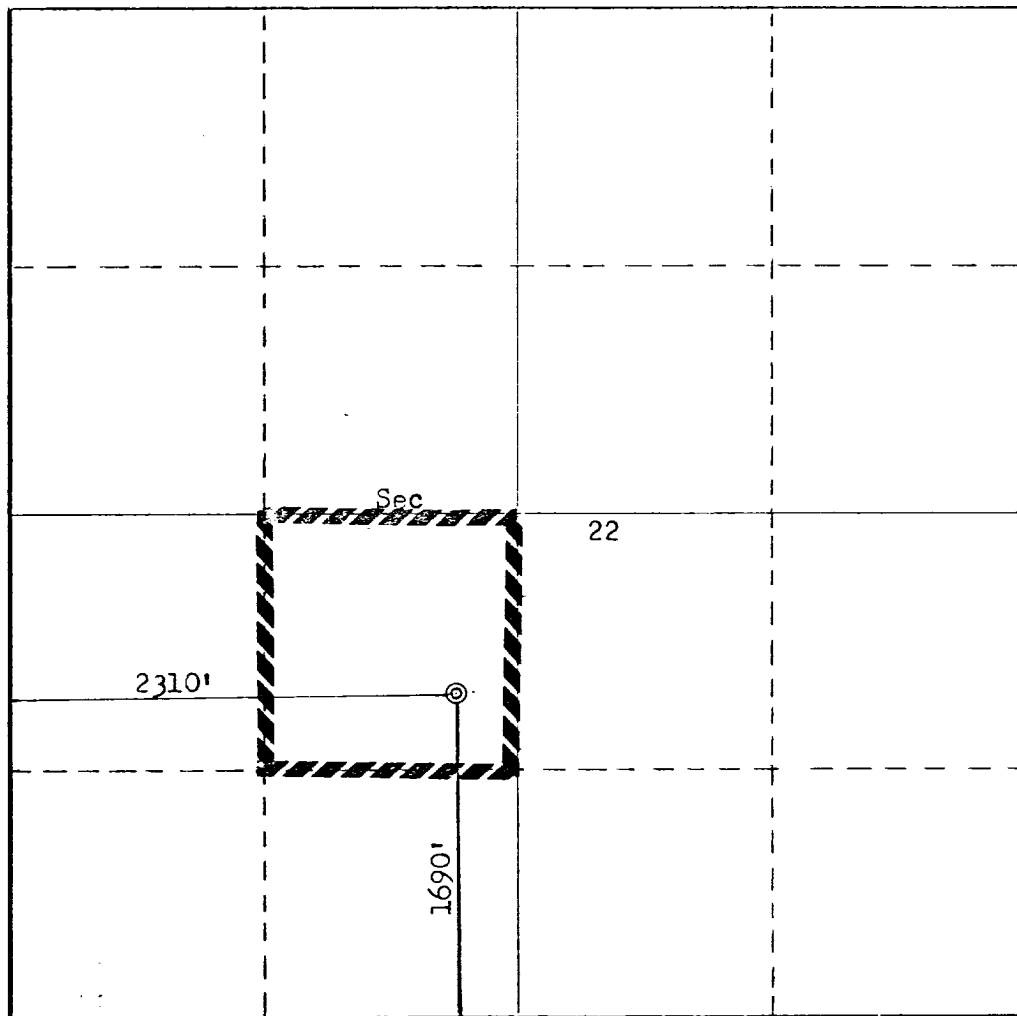
|  |                                       |                        |  |                           |                                       |
|--|---------------------------------------|------------------------|--|---------------------------|---------------------------------------|
| Operator<br><b>DOMO PETROLEUM CORPORATION</b>  |                                       |                        | Lease<br><b>FEDERAL 22A</b>            |                           | Well No.<br><b>3</b>                  |
| Unit Letter<br><b>K</b>  | Section<br><b>22</b>                  | Township<br><b>19N</b> | Range<br><b>5W</b>                     | County<br><b>McKinley</b> |                                       |
| Actual Footage Location of Well:<br><b>1690</b> feet from the <b>South</b> line and <b>2310</b> feet from the <b>West</b> line |                                       |                        |  |                           |                                       |
| Ground Level Elev.<br><b>6613</b>  | Producing Formation<br><b>Entrada</b> |                        | Pool<br><b>Papers Wash Entrada Ext</b> |                           | Dedicated Acreage:<br><b>40</b> 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.



**CERTIFICATION**

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

*[Signature]*  
Name  
Area Manager  
Position **K & A. Inc.**  
Minerals Management  
Company  
May 12, 1978  
Date

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  
May 10, 1978  
Registered Professional Engineer and/or Land Surveyor  
*[Signature]*  
**Fred B. Kerr Jr.**  
Certificate No. **3950**

