

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 Corporation

3. ADDRESS OF OPERATOR  
c/o Minerals Management Inc.  
501 Airport Dr., Suite 105, Farmington, N.M. 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface  
1980' FNL, 990' FWL, SEC. 15, T19N, R5W

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
30 miles Southwest 44 Trading Post

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
(Also to nearest dclg. unit line, if any) 660'

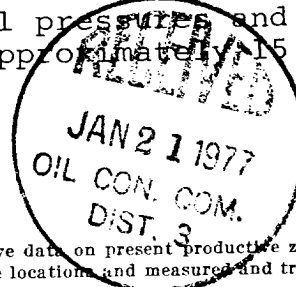
18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 700'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6604' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	10 3/4"	32.75#	200'	200 sx
8 3/4"	7"	23#	5400'	300-500 sx (2 stage)

Dome Petroleum Corporation (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 BOP will be pressure tested before drilling surface plug. Pertinent formation tops are estimated as Point Lookout 1994', Gallup 2928', Graneros 4004', Dakota 4140', Entrada 5160'. Drill Stem tests will be taken where necessary for evaluation. No abnormal pressures and temperatures are anticipated. 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 J. Arnold Sull TITLE Area Manager Minerals Management Inc. DATE 1-19-77

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

*AKA*

*11*

30-031-20999  
5. LEASE DESIGNATION AND SERIAL NO.  
NM 4953  
6. IF INDIAN, ALIOTTEE OR TRIBE NAME  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME  
Federal 15  
9. WELL NO.  
2  
10. FIELD AND POOL, OR WILDCAT  
Undesignated-Entrada  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SEC. 15, T19N, R5W  
12. COUNTY OR PARISH 13. STATE  
McKinley N.M.  
17. NO. OF ACRES ASSIGNED TO THIS WELL 40  
20. ROTARY OR CABLE TOOLS  
Rotary  
22. APPROX. DATE WORK WILL START\*  
February 15, 1977

**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.

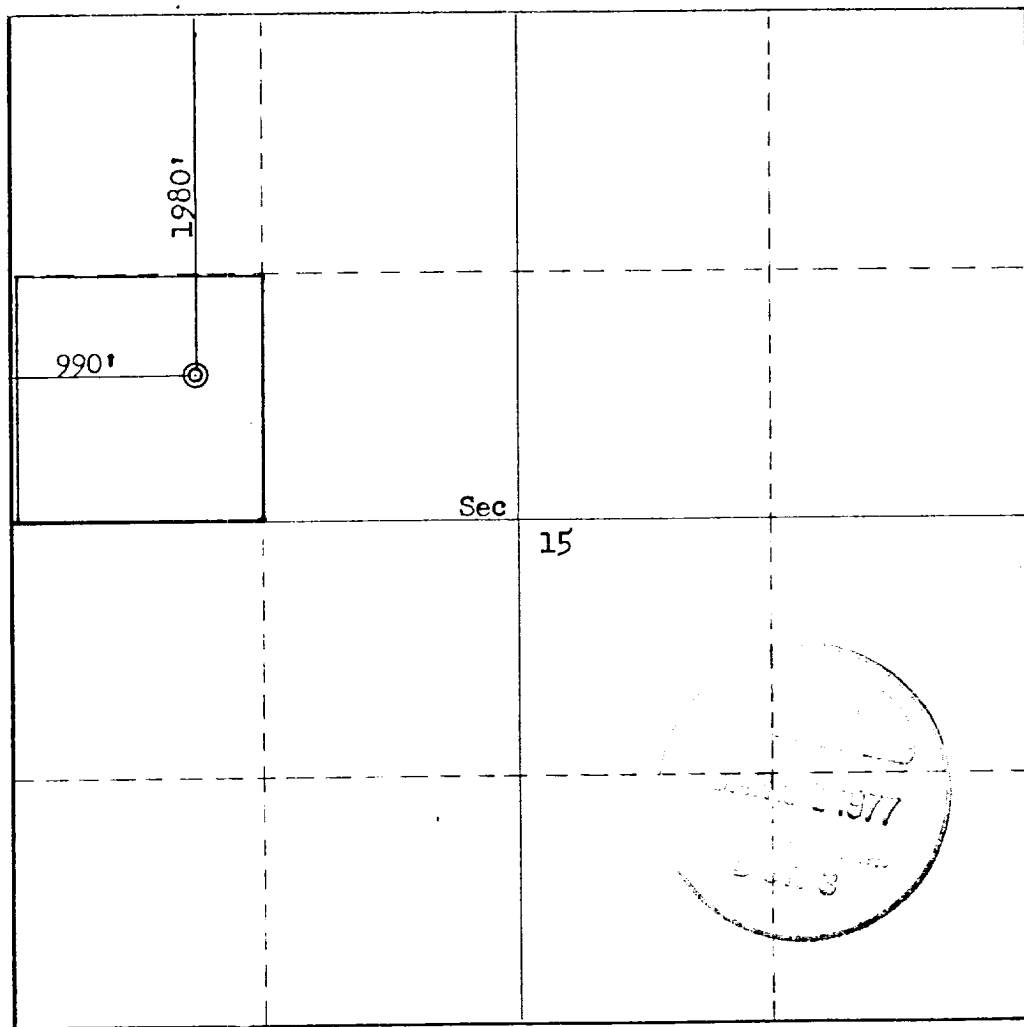
Operator <b>Dome Petroleum Corporation</b>			Lease <b>Federal 15</b>		Well No. <b>2</b>
Unit Letter <b>E</b>	Section <b>15</b>	Township <b>19N</b>	Range <b>5W</b>	County <b>McKinley</b>	
Actual Footage Location of Well:					
<b>1980</b>	feet from the	<b>North</b>	line and	<b>990</b>	feet from the <b>West</b> line
Ground Level Elev. <b>6604</b>	Producing Formation <b>Entrada</b>		Pool <b>Undesignated</b>		Dedicated Acreage <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.

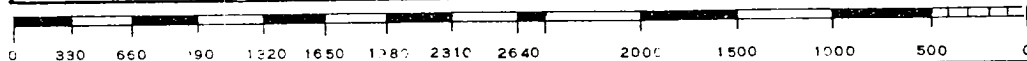
Name  
*J. Arnold Inell*  
Position  
**Area Manager**  
Company  
**Minerals Management Inc.**  
Date

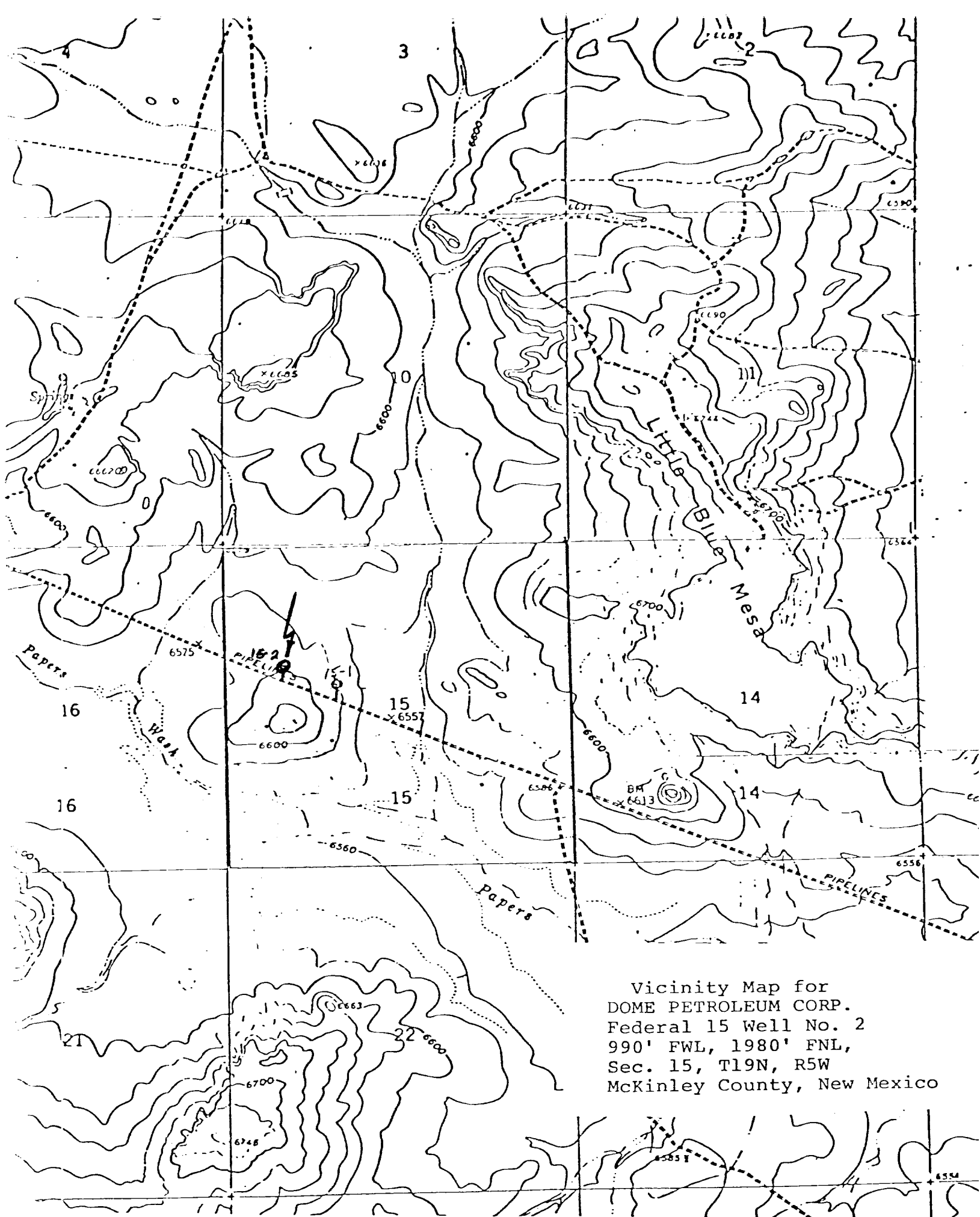
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
**November 10, 1976**

Registered Professional Engineer and/or Land Surveyor  
*Fred B. Kerr Jr.*  
**Fred B. Kerr Jr.**

Certificate No.  
**3950**





Vicinity Map for  
DOME PETROLEUM CORP.  
Federal 15 Well No. 2  
990' FWL, 1980' FNL,  
Sec. 15, T19N, R5W  
McKinley County, New Mexico