

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-23906

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, Sutie 107, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface: 1450' FNL & 1760' FEL  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 20 miles south of Farmington, NM

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)  
 1760'

16. NO. OF ACRES IN LEASE  
 320

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.  
 1500'

19. PROPOSED DEPTH  
 1500'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 6036 GR

22. APPROX. DATE WORK WILL START\*  
 3/15/79

5. LEASE DESIGNATION AND SERIAL NO.  
 NM 10434

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Dome Federal 21-27-13

9. WELL NO.  
 2

10. FIELD, ~~OR~~ WILDCAT  
 Waw/Pictured Cliffs ext

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec 21, T27N, R13W

12. COUNTY OR PARISH  
 San Juan

13. STATE  
 NM

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
7 7/8"	5 1/2"	15.50#	40'	35 Sacks
4 3/4"	2 7/8"	6.50#	1500'	150 sacks

Dome Petroleum Corp. proposes to drill a cretaceous test to 1500' completion will be determined from logs. A 6" 900 series 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 Ojo Alamo. No abnormal temperatures or pressures are anticipated. Drilling should require approximately 4 days.

*gas not described*

RECEIVED  
MAR 1 - 1979  
U. S. GEOLOGICAL SURVEY

RECEIVED  
MAR 5 1979  
NEW CON. COM.  
POST. 3

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 [Signature] TITLE Drilling Foreman DATE 2-26-79  
 (This space for Federal or State office use)

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

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

*ok Frank*

*NMOCC*

**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.

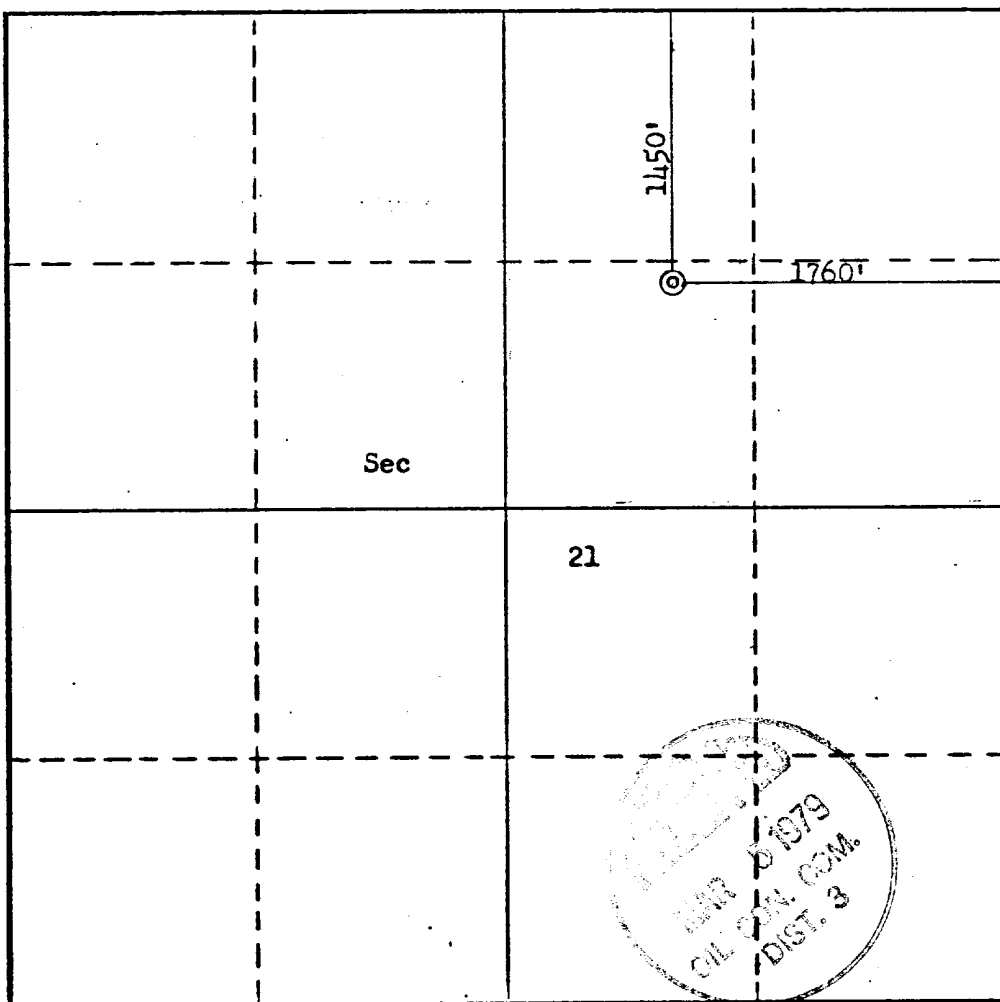
Operator <b>DOME PETROLEUM CORPORATION</b>			Lease <b>DOME-FEDERAL 21-27-13</b>		Well No. <b>2</b>
Unit Letter <b>G</b>	Section <b>21</b>	Township <b>27N</b>	Range <b>13W</b>	County <b>SAN JUAN</b>	
Actual Footage Location of Well: <b>1450</b> feet from the <b>North</b> line and <b>1760</b> feet from the <b>East</b> line					
Ground Level Elev. <b>6036</b>	Producing Formation <b>Pictured Cliff</b>	Pool <b>Fruit Waw, Pictured Cliffs ext</b>		Dedicated Acreage: <b>160</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.?

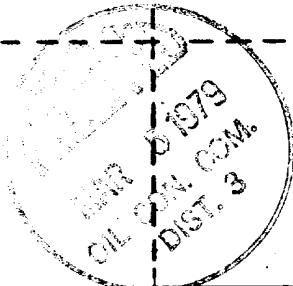
Yes     No    If answer is "yes," type of consolidation \_\_\_\_\_

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.



<b>CERTIFICATION</b>	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
<i>H. D. Hollingsworth</i>	
Name	<b>H. D. Hollingsworth</b>
Position	<b>Drilling Foreman</b>
Company	<b>Dome Petroleum Corp.</b>
Date	<b>2-26-79</b>
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	<b>February 16, 1979</b>
Registered Professional Engineer and/or Land Surveyor	<i>Fred [Signature]</i>
Certificate No.	<b>3950</b>





E. C. GENT  
VICE-PRESIDENT

# DOME PETROLEUM CORP.

SUITE 1500, COLORADO STATE BANK BLDG.  
1600 BROADWAY  
DENVER, COLORADO 80202

TELEPHONE  
(303) 861-1230

## DEVELOPMENT PLAN FOR SURFACE USE

Dome Federal 21-27-13 Well #2  
1450' FNL & 1760' FEL  
Sec. 21, T27N, R13W  
San Juan County, NM

### 1. Existing Roads

The main road to the location is that from Farmington toward Bisti, (Bisti Highway), leaving this road approximately 14 miles south of Farmington and using existing side roads to the location.

### 2. Planned Access Roads

The access road, to be routed as shown on the attached map, will be 18' wide with adequate ditch and water bars.

### 3. Existing wells

Existing wells within one mile of location are shown on the attached topographic map.

### 4. Location of Proposed Facilities

Development of commercial gas production will require separation facilities on the location pad. Equipment and pits will be fenced as required for protection of livestock and wildlife. Above ground facilities will be painted brown or grey to blend in with the surrounding area as specified by the BLM. The disturbed areas no longer needed for operations after well completion will be restored to natural contour and reseeded.

### 5. Location and Type of Water Supply

To be hauled from the San Juan River at Farmington, NM.

### 6. Source of Construction Materials

Not applicable.

### 7. Method of Handling Waste Material

All garbage and trash that can be burned shall be burned. All trash that cannot be burned will be contained in a trash pit and covered with a minimum of 24 inches of dirt. All drilling waste such as cuttings, overflows of oil, water, and drilling fluids will be contained in a reserve pit and buried with adequate cover upon completion of operations. The reserve pit will be fenced until clean up operations are commenced. Toilet facilities will be provided.

8. Ancillary Facilities

No camps or airstrips are proposed for this location.

9. Well Site Layout

See attached diagram.

10. Plans for Restoration of Surface

Cleanup of the location will commence immediately following the removal of the drilling equipment. The reserve pit will be fenced until restoration operations are commenced. The location will be returned to original contour if the well is not productive. Both the road and location will be reseeded in accordance with BLM specifications.

11. Other Information

Topography consists of rolling hills with very sandy soil. Vegetation is composed of Snake Weed, Mormon Tea, Yucca, Prickly Pear and Blue Gamma.

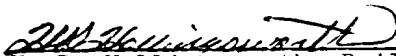
12. Leasee's or Operations Representative

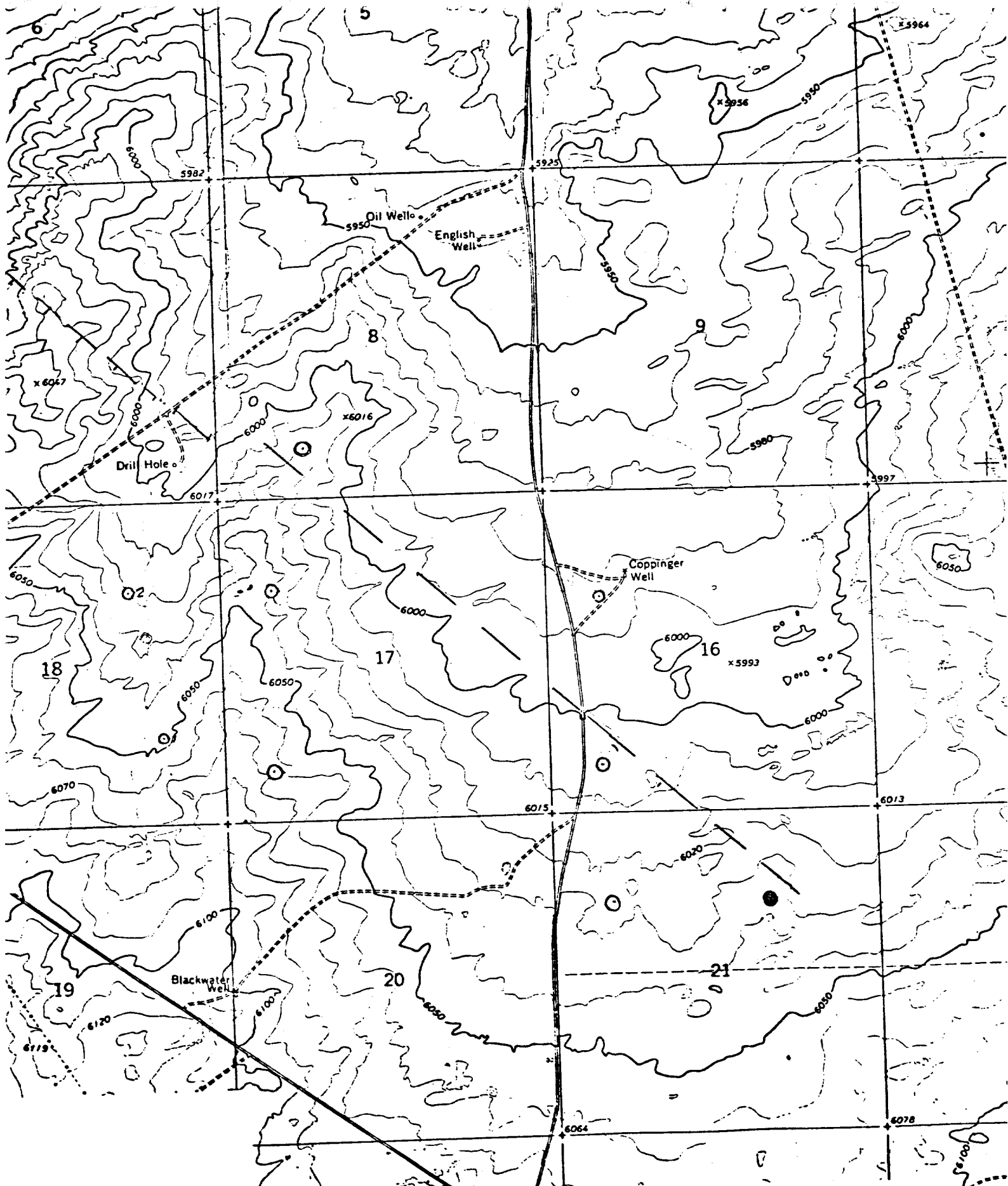
Dome Petroleum Corp.  
H. D. Hollingsworth  
501 Airport Drive, Suite 107  
Farmington, NM 87401  
Phone: 505/325-2897 Office  
505/327-1548 Home

13. Certification

I hereby certify that I or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements in the plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Dome Petroleum Corp. and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

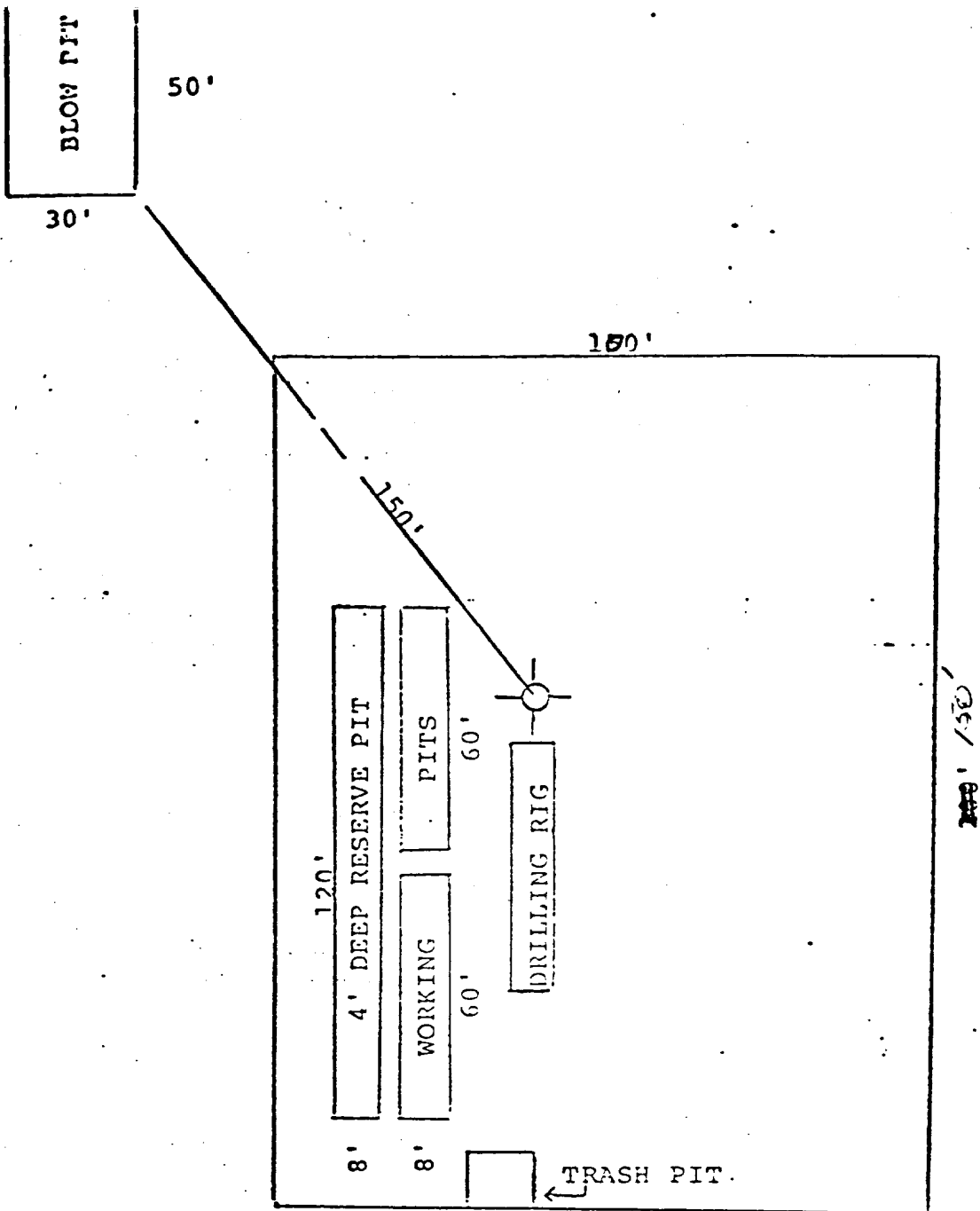
February 26, 1979

  
\_\_\_\_\_  
H. D. Hollingsworth, Drilling Foreman  
Dome Petroleum Corp.



Vicinity Map for  
 DOME PETROLEUM CORP. #2 DOME-FEDERAL 21-27-13  
 1450'FNL 1760'FEL Sec 21-T27N-R13W  
 SAN JUAN COUNTY, NEW MEXICO

Oil Well



**DOME PETROLEUM CORP.**

SUITE 1500, COLORADO STATE BANK BLDG.

1600 BROADWAY

DENVER, COLORADO 80202

PROPOSED LOCATION  
DIAGRAM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other

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. See space 17 below.)  
AT SURFACE: 1450' FNL, 1760' FEL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <u>Spud and set surface</u>	

5. LEASE  
N.M. 10434

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
DOME FEDERAL 21-27-13

9. WELL NO.  
2

10. FIELD OR WILDCAT NAME  
WAW PICTURED CLIFF

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA  
Sec. 21, T27N, R13W

12. COUNTY OR PARISH  
SAN JUAN

13. STATE  
NEW MEXICO

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6036 GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

04/04/79- Spudded 9 7/8" hole at 2:00 pm 04/04/79. Drilled 50'. Ran joint (42') 7", 20#, K55, ST and C casing. Casing landed 46" KB. Cemented with 35 sacks class "B" cement with 3% CaCl. Plug down at 3:30 pm, 04/04/79. Circulated cement.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

18. I hereby certify that the foregoing is true and correct

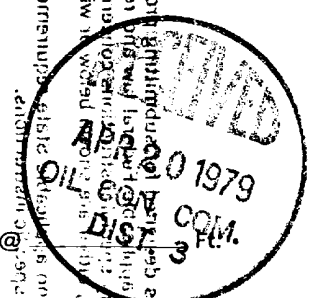
SIGNED H.D. Hollingsworth TITLE DRILLING FOREMAN DATE April 13, 1979

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

NMOCC



**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other  Dry Hole

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. See space 17 below.)  
AT SURFACE: 1450' FNL, 1760 FEL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE  
N.M. 10434

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
DOME FEDERAL 21-27 13

9. WELL NO.  
2

10. FIELD OR WILDCAT NAME  
WAWO PICTURED CLIFF

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA  
Sec. 21, T27N, R13W

12. COUNTY OR PARISH | 13. STATE  
SAN JUAN | NEW MEXICO

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6036 GR

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input checked="" type="checkbox"/>
(other)	<input type="checkbox"/>		<input type="checkbox"/>

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

04/11/79- Plugged and abandoned well as follows:

Plug No.	Interval	Length	Sacks Cement
1	1100'-1500'	400'	55 sacks
2	400'-600	200'	35 sacks
3	0'-120	120'	20 sacks

Cut 7" surface off 4' below ground level and backfilled. Location cleaned and pit was fenced. The pit will be closed when dry and the location seeded as specified

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

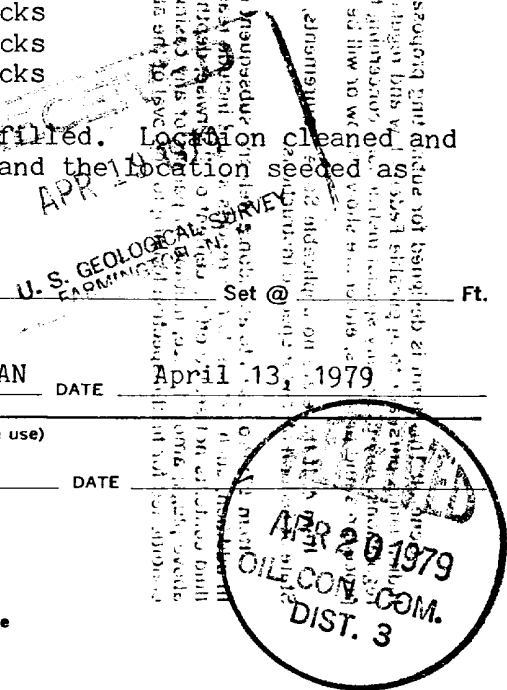
SIGNED H. D. Hollingsworth TITLE DRILLING FOREMAN DATE April 13, 1979

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

*NMOCC*





**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other  Dry Hole

2. NAME OF OPERATOR  
DOME PETROLEUM CORP.

3. ADDRESS OF OPERATOR 501 Airport Drive,  
Suite 107, Farmington, N.M. 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1450' FNL, 1760 FEL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input checked="" type="checkbox"/>		<input type="checkbox"/>
(other)			

5. LEASE  
N.M. 10434

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
DOME FEDERAL 21-27-13

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WAW PICTURED CLIFF

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Sec. 21, T27N, R13W

12. COUNTY OR PARISH  
SAN JUAN

13. STATE  
NEW MEXICO

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6036 GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

04/11/79- Operator proposes to abandon subject well as follows:

Plug No.	Interval	Length	Sacks Cement
1	1100'-1500'	400'	55 Sacks
2	400'-600-	200'	35 sacks
3	0'-120'	120'	20 sacks

Cut 7" surface pipe off 4' below ground level and backfill Telephone approval received at 3:00 pm 04/11/79 from Mr. McGrath.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED H.D. Hollingsworth TITLE DRILLING FOREMAN DATE April 13, 1979

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

*OK*

*NMOCC*

