

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

501 Airport Drive, Suite 107, Farmington, New Mexico 87401

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

At surface

1660' FSL, 1980' FEL

At proposed prod. zone

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

6 miles southwest of Lybrook, New Mexico

## 10. 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.

## 16. NO. OF ACRES IN LEASE

160

## 19. PROPOSED DEPTH

5500

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 20. ROTARY OR CABLE TOOLS

ROTARY

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

6898' GR

## 22. APPROX. DATE WORK WILL START\*

December 1, 1979

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	23#	200'	200 sacks
7 7/8"	4 1/2"	10.5#	5500'	BY CALIPER LOG

Move in rotary tools. Drill 12 1/4" hole to 200'. Set 200' of new 8 5/8" casing. Cement as above. Wait on cement 12 hrs. Install 10" 900 Series Blowout Preventer. Test to 500 psi before drilling out from under surface pipe. Drill 7 7/8" hole to T.D. Mud system will be low solids nondispersed. Mud weight 8.5-9.2#/gal., W.L. 8-10cc, viscosity 30-50 sec/quart. No abnormal temperatures or pressures are anticipated. Logging program will be DIL, FDC/CNL/GR with caliper log. Drill stem test will be taken where necessary for evaluation. If commercial, 4 1/2" casing will be run and cemented as above. If noncommercial, P & A will follow U.S.G.S. specifications.

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. HOVLINGSWORTH

(This space for Federal or State office use)

TITLE

DRILLING &amp; PRODUCTION FOREMAN

DATE November 5, 1979

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ok 3/24

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-107  
Revised 10-1-78

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

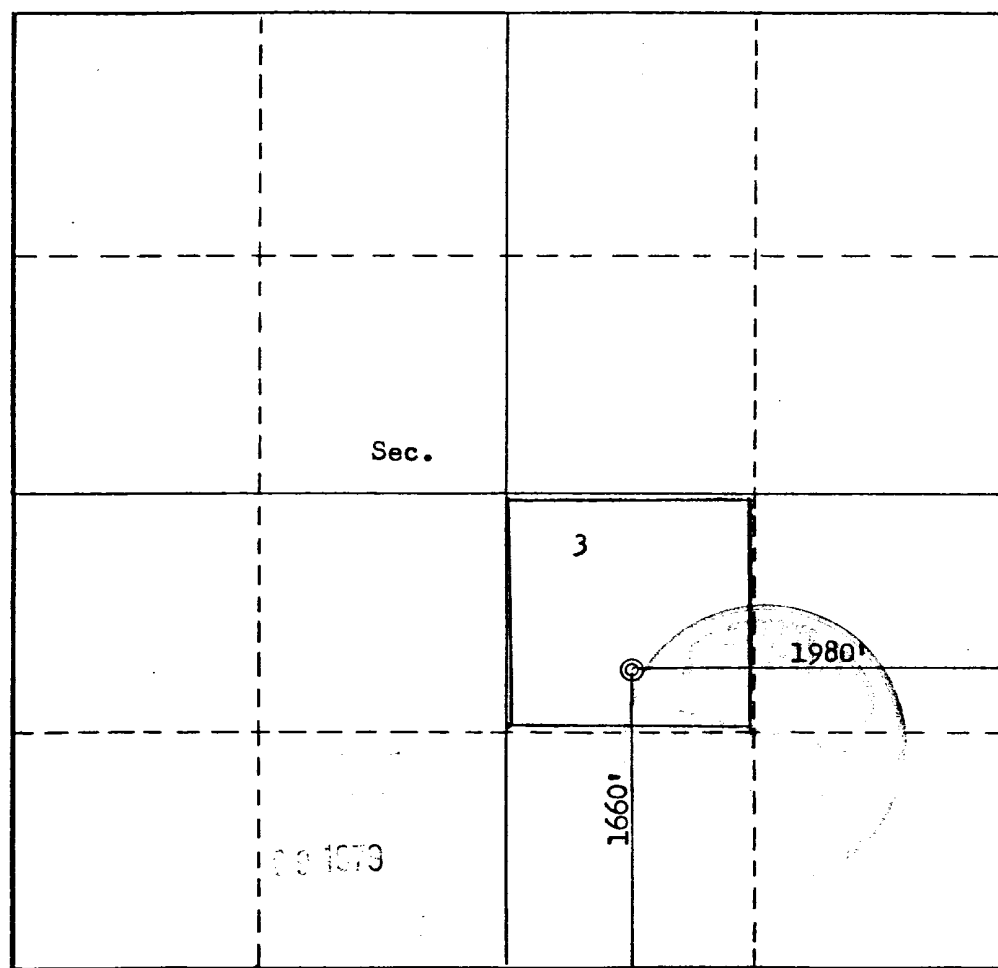
Operator <b>DOME PETROLEUM CORPORATION</b>			Lease <b>DOME-NAVAJO 3-22-7</b>		Well No. <b>1</b>
Unit Letter <b>J</b>	Section <b>3</b>	Township <b>22N</b>	Range <b>7W</b>	County <b>Sandoval</b>	
Actual Footage Location of Well: <b>1660</b> feet from the <b>South</b> line and <b>1980</b> feet from the <b>East</b> line					
Ground Level Elev. <b>6898</b>	Producing Formation <b>GALLUP</b>		Pool <b>WILDCAT</b>		Dedicated Acreage: <b>40</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 & PRODUCTION FOREMAN**  
Company

**DOME PETROLEUM CORPORATION**  
Date

**November 5, 1979**

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 30, 1979**  
Registered Professional Engineer  
and/or Land Surveyor

*Frederick B. Kerr, Jr.*  
Certificate No. **3950**

**FRED B. KERR, JR.**  
**3950**



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 NAVAJO 3-22-7 Well No. 1  
1660' FSL, 1980' FEL  
Sec.3, T22N, R7W  
Sandoval County, New Mexico

### 1. EXISTING ROADS

The main road to the location is that from Lybrook, New Mexico going west 5 miles, then using existing roads to location.

### 2. 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. LOCATION OF EXISTING WELLS- NONE

### 4. LOCATION OF PROPOSED FACILITIES

Flow lines and tank battery will be on the location pad. Equipment and pits will be fenced as required for protection of livestock and wildlife.

### 5. LOCATION AND TYPE OF WATER SUPPLY

To be hauled from Chapman Ranch water hole.

### 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 the reserve pit and buried with adequate cover upon completion of operations. The reserve pit will be fenced until cleanup 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.

00 1073



# DOME PETROLEUM CORP.

SUITE 1400, COLORADO STATE BANK BLDG.

1600 BROADWAY

DENVER, COLORADO 80202

TELEPHONE  
(303) 861-1230

## 11. OTHER INFORMATION

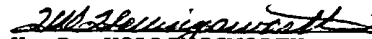
This location is on sparsely vegetated sandy land. Vegetation consists principally of sage brush and native grasses. There is no water source in the immediate area.

## 12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

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

## 13. CERTIFICATION

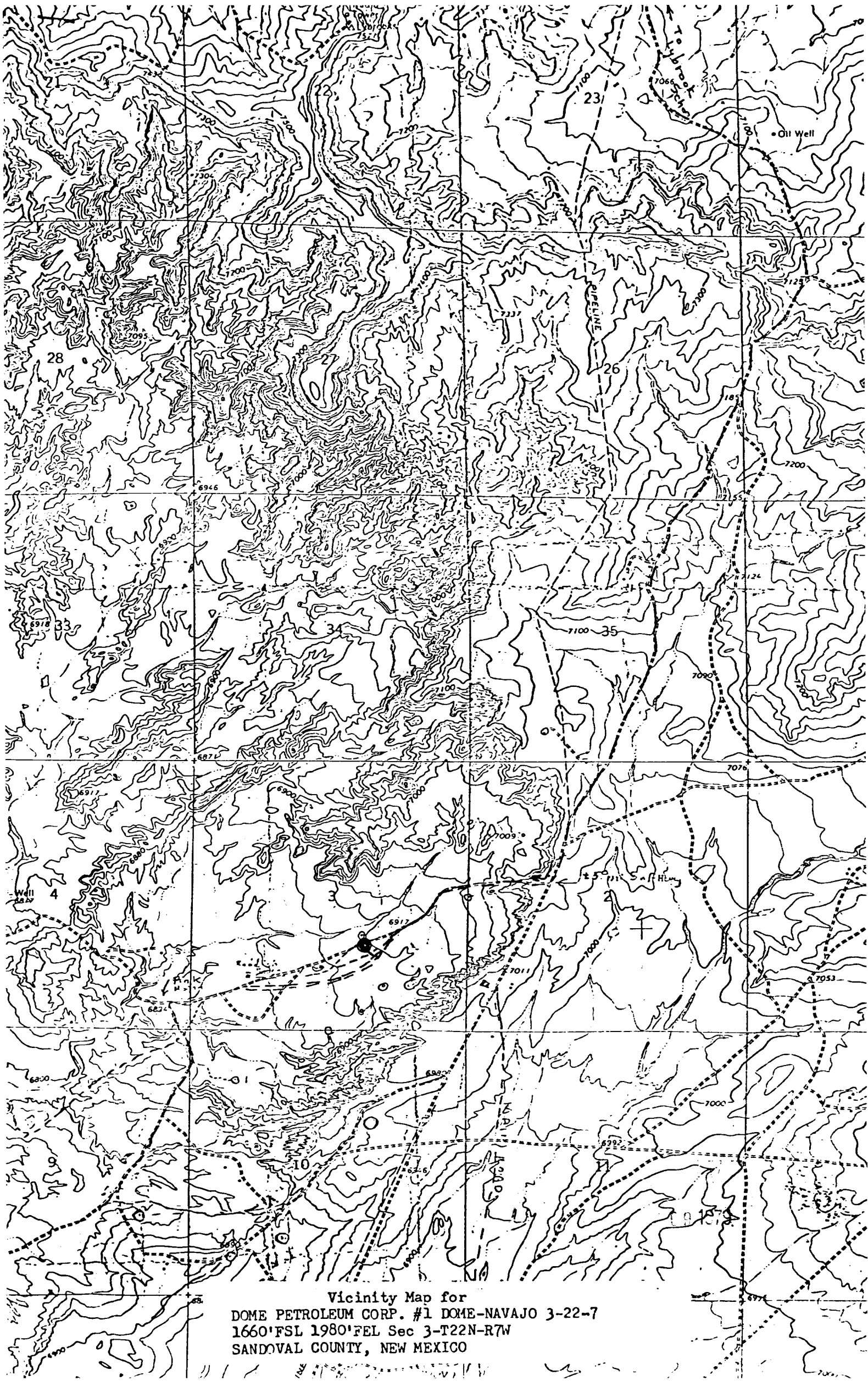
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated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

  
H. D. HOLLINGSWORTH  
Drilling & Production Foreman  
Dome Petroleum Corporation

October 31, 1979

HDH/clp

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Vicinity Map for  
DOME PETROLEUM CORP. #1 DOME-NAVAJO 3-22-7  
1660'FSL 1980'FEL Sec 3-T22N-R7W  
SANDOVAL COUNTY, NEW MEXICO

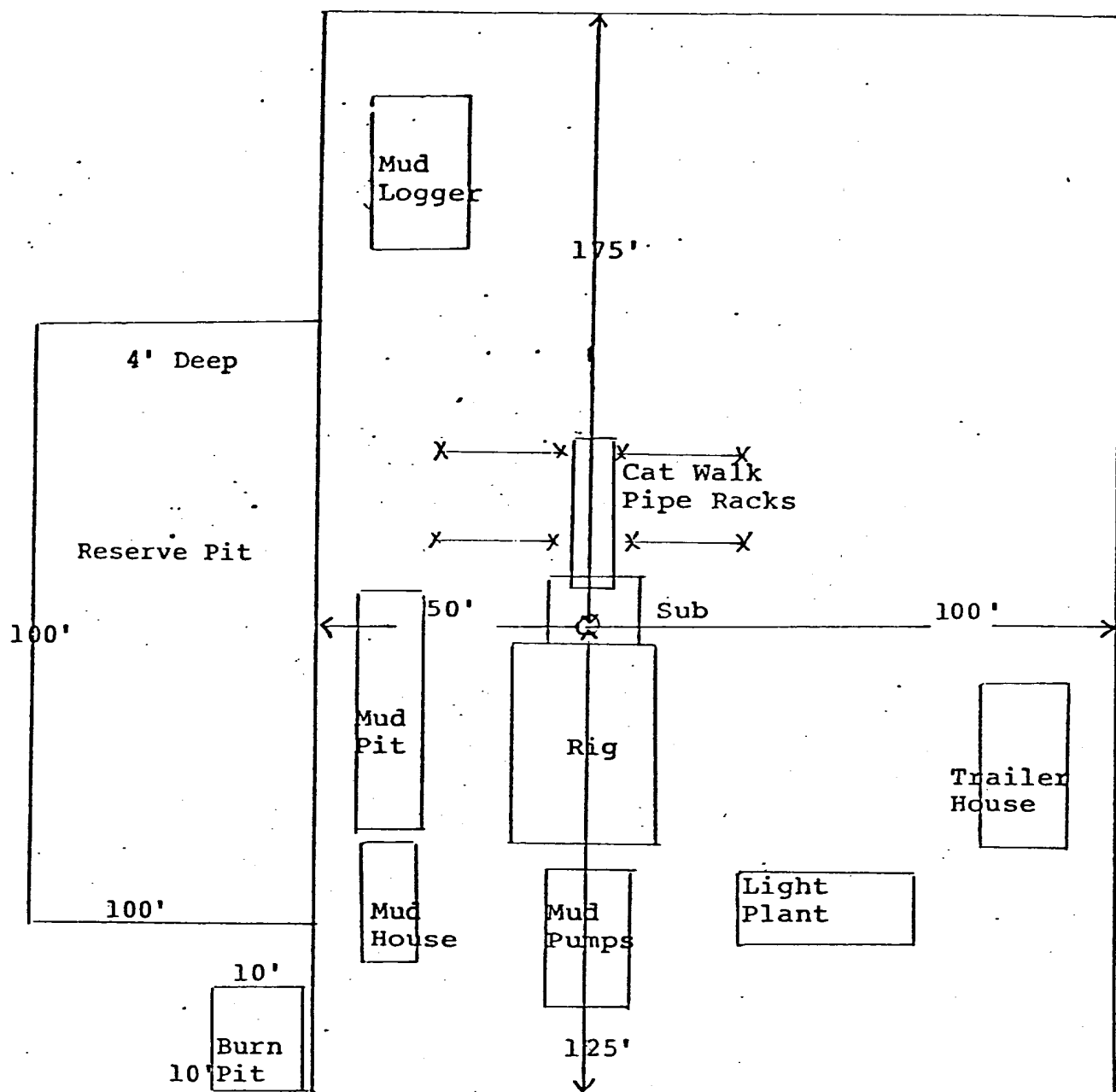


DIAGRAM OF WELL LOCATION

AND DRILLING RIG LAYOUT

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