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NEW MEXICO OIL CONSERVATION COMMISSION

30-031-20604

Form O-101  
Revised 14-65

|                                |   |
|--------------------------------|---|
| 5A. Indicate Type of Lease     |   |
| STATE <input type="checkbox"/> | FEL <input checked="" type="checkbox"/> |
| 5. State Oil & Gas Lease No.   |   |

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

|   |  |  |  |   |  |
|---|--|--|--|---|--|
| 1a. Type of Work  |  |  | 7. Unit Agreement Name                                 |   |  |
| b. Type of Well<br>DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/><br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> |  |  | 8. Farm or Lease Name                                  |   |  |
| 2. Name of Operator<br>DOME PETROLEUM CORPORATION   |  |  | Dome Santa Fe 3-20-10                                  |   |  |
| 3. Address of Operator<br>501 Airport Drive, Suite 107, Farmington, New Mexico 87401  |  |  | 9. Well No.<br>1                                       |   |  |
| 4. Location of Well<br>UNIT LETTER <u>D</u> LOCATED <u>1220</u> FEET FROM THE <u>North</u> LINE<br>AND <u>920</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>3</u> TWP. <u>20N</u> RGE. <u>10W</u> NMPM  |  |  | 10. Field and Pool, or Wildcat<br>Undesignated Entrada |   |  |
|   |  |  | 12. County<br>McKinley                                 |   |  |
|   |  |  | 40.71  |   |  |
| 19. Proposed Depth<br>5000'   |  | 19A. Formation<br>Entrada                  |  | 20. Rotary or C.T.<br>Rotary                      |  |
| 21. Elevations (Show whether DF, RT, etc.)<br>6286 GR   |  | 21A. Kind & Status Plug. Bond<br>Statewide |  | 21B. Drilling Contractor<br>Brinkerhoff Drlg. Co. |  |
|   |  |  |  | 22. Approx. Date Work will start<br>4/15/80       |  |

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|----------|
| 13 1/2"      | 9 5/8"         | 32.3#           | 200'          | 200 sacks       | Surface  |
| 8 1/2"       | 7"             | 20# & 23#       | 5000'         | 900-2 stage     | Surface  |

Move in rotary tools. Drill 13 1/2" hole to 200'. Set 200' new 9 5/8", H-40 casing. Cement with 200 sacks Class "B" Cement with 2% CaCl<sub>2</sub>. Wait on cement 12 hours. Install 10" 900 series B.O.P. Test to 500 psi before drilling out from under surface pipe. Check pipe rams daily and blind rams on trips. Drill 8 1/2" hole to T.D. Pertinent formation tops are estimated as Point Lookout 1560', Mancos 1711', Gallup 2575', Greneros 3591', Dakota 3693', Morrison 3975', Todilto 4828', and Entrada 4838'. Mud system will be low solids nondispersed. Mud weight 8.5 - 9.2#/Gal. FL 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 productive 7" 20# and 23# K55 Casing will be run and cemented in two stages with 65/35 Pozmix, 6% Gel, and 10# Gilsonite/sx. Followed with 100 sacks Class "B" Cement with 10% salt. Drilling should require approximately 15 days.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES 6-19-80

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTION ZONE AND PROPOSED NEW PRODUCTION ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

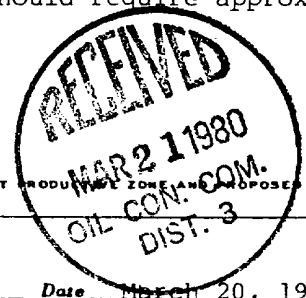
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed H. D. HOBBS Title Drlg. & Prod. Foreman Date March 20, 1980  
H. D. HOBBS  
(This space for State Use)

APPROVED BY Frank S. Chang TITLE SUPERVISOR DISTRICT # 3 DATE MAR 21 1980

CONDITIONS OF APPROVAL, IF ANY:

Hold C-109 for NSL



## 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.

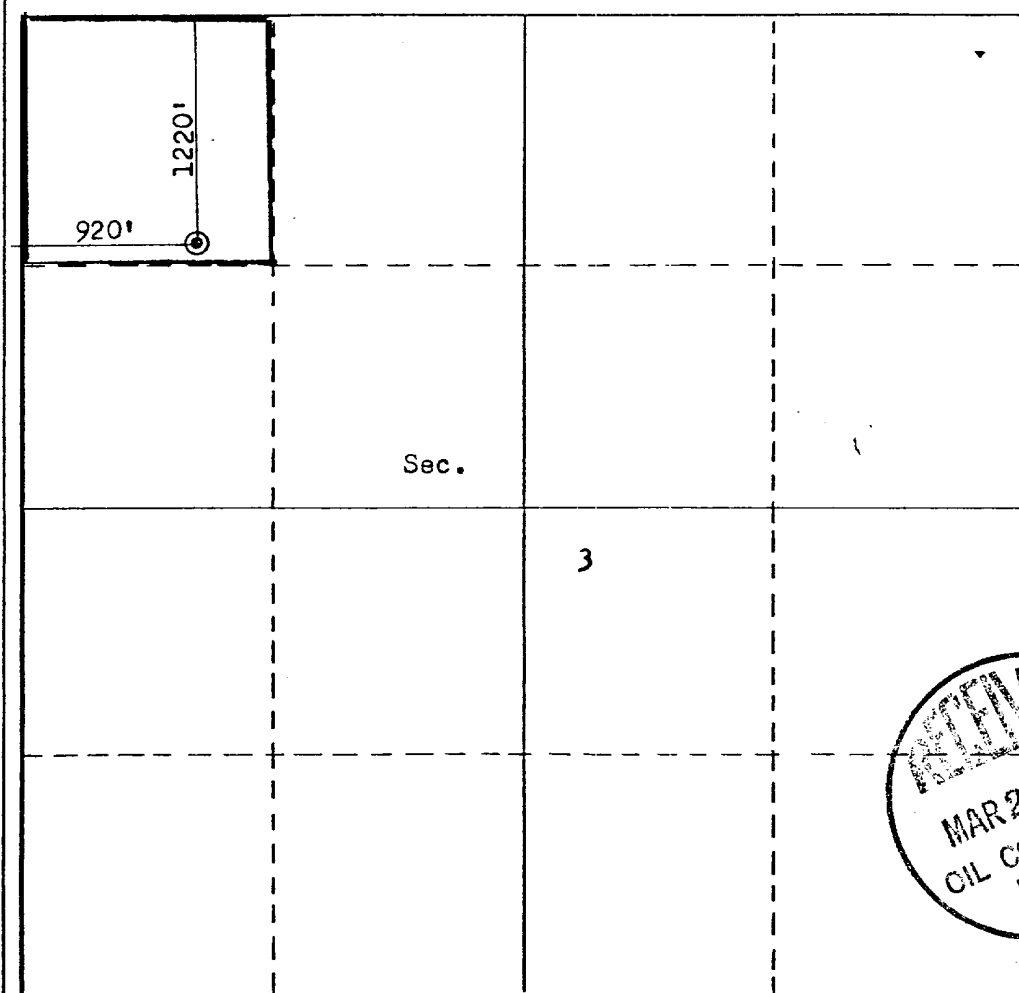
|  |                                |                                    |                                |                                   |               |
|--|--------------------------------|------------------------------------|--------------------------------|-----------------------------------|---------------|
| Operator<br>DOME PETROLEUM CORPORATION |                                |                                    | Lease<br>DOME-SANTA FE 3-20-10 |                                   | Well No.<br>1 |
| Unit Letter<br>D                       | Section<br>3                   | Township<br>20N                    | Range<br>10W                   | County<br>McKinley                |               |
| Actual Footage Location of Well:       |                                |                                    |                                |                                   |               |
| 1220 feet from the North               |                                | line and 920 feet from the West    |                                | line                              |               |
| Ground Level Elev.<br>6286             | Producing Formation<br>Entrada | Pool<br>WC<br>Undesignated Entrada |                                | Dedicated Acreage:<br>40.71 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.

*H. D. Hollingsworth*  
Name H. D. HOLLINGSWORTH

Position

DRILLING &amp; PRODUCTION FOREMAN

Company

DOME PETROLEUM COMPANY

Date

March 20, 1980

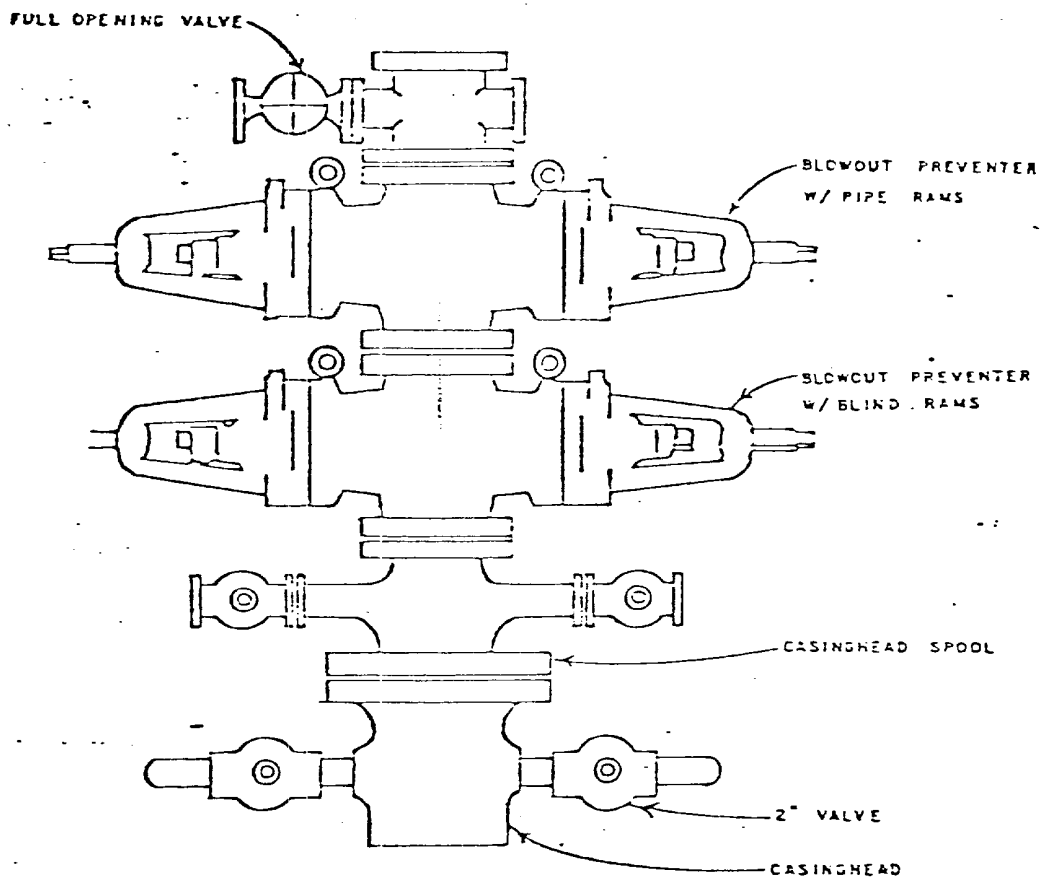
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

I have surveyed

MAR 27 1980  
OIL CON. COM.  
DIST. 3  
REGISTERED PROFESSIONAL ENGINEER  
and/or LAND SURVEYOR  
FRED B. KERR, JR.  
Certificate No. 3950

*Fred B. Kerr, Jr.*  
FRED B. KERR, JR.

Certificate No. 3950



## DOME PETROLEUM CORP.

SUITE 1500, COLORADO STATE BANK BLDG.

1600 BROADWAY

DENVER, COLORADO 80202

STANDARD BLOWOUT PREVENTER ASSEMBLY  
10" 900 SERIES

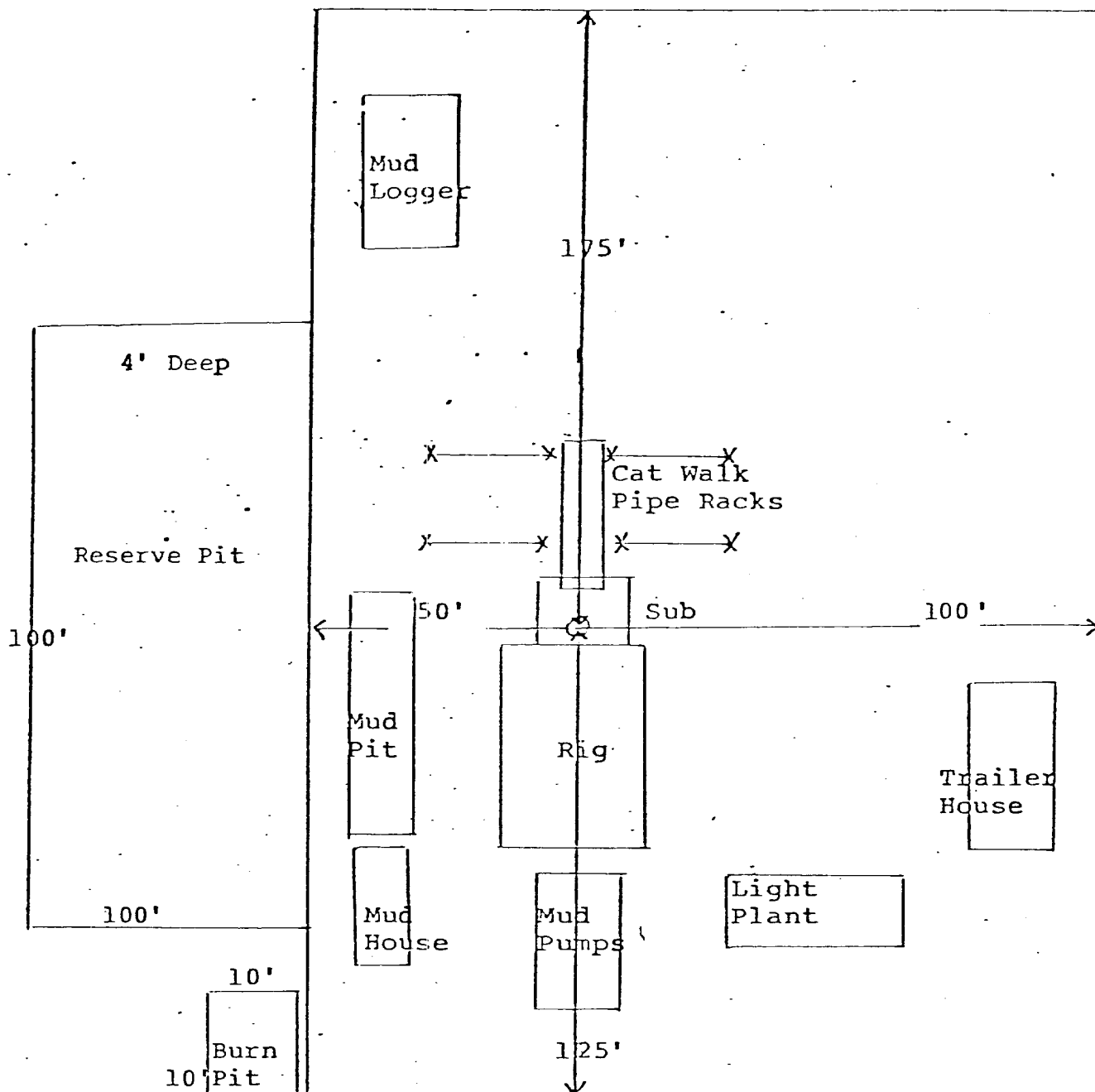
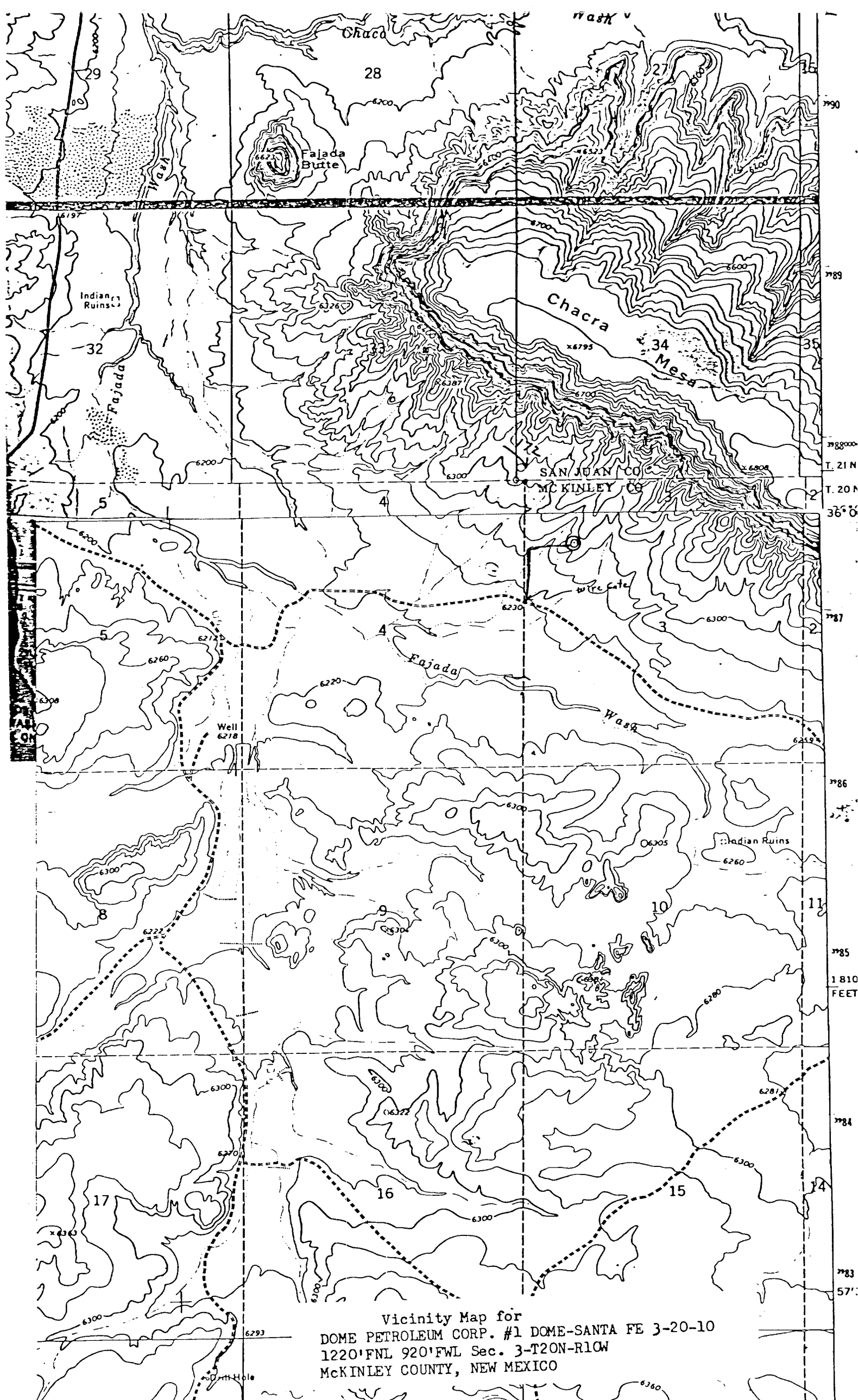


DIAGRAM OF WELL LOCATION  
AND DRILLING RIG LAYOUT



Vicinity Map for  
DOME PETROLEUM CORP. #1 DOME-SANTA FE 3-20-10  
1220'FNL 920'FWL Sec. 3-T20N-R10W  
McKINLEY COUNTY, NEW MEXICO