

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-043-20476

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 Dr., Suite 107, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements*)
 At surface 1720' FSL, 1640' FWL
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 9 miles West of Counselors Trading Post.

16. NO. OF ACRES IN LEASE
 160

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 2200'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 6913' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
1 1/4"	8 5/8"	23#	100'	75 sacks (circulated)
6 1/2"	4 1/2"	10.5#	2200'	375 sacks (circulated)

Move in rotary tools. Drill 1 1/4" hole to 100'. Set 100' of new 8 5/8", 23#, K55 casing. Cement with 75 sacks class "B" cement with 2% CaCl. Wait on cement 12 hours. Install 6" 900 Series blowout preventer. Test to 500 psi before drilling out from under surface pipe. Check pipe rams daily and blind rams on trips. Drill 6 1/2" hole to T.D. The geologic name of the surface formation is Tertiary Nacimiento. Gas is expected in the Chacra. All other formations are probably water bearing. Pertinent formation tops are estimated as Kirtland 490'; Fruitland 800'; Pictured Cliff 1360'; Chacra 1720'; and Cliffhouse 2140'. Mud system will be low solids nondispersed. Mud weight 8.8-9.2#/Gal., F.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 productive 4 1/2", 10.5#, K55 casing will be run and cemented w/275 sx. 65/35 Pozmix, 6% Gel, and 10# Gilsonite/sx., followed with 100 sx. class "B" cement w/10% salt. Drilling should require approximately 6 days.

see attached

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on plug back productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface location and measured and true vertical depths. Give blowout preventer program, if any.

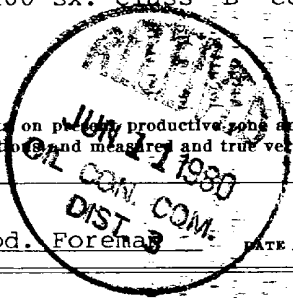
SIGNED H. D. HOLLINGSWORTH TITLE Dir. & Prod. Foreman DATE 5/02/80

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"

L3mt NMOC



James + Sons

5. LEASE DESIGNATION AND SERIAL NO.
 NOO-C-14-20-5045
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 Navajo
 7. UNIT AGREEMENT NAME
 8. FARM OR LEASE NAME
 Dome Navajo 29-22-6
 9. WELL NO.
 4
 10. FIELD AND POOL, OR WILDCAT
 Rusty Chacra Extension
 11. SEC. T. E. M. OR BLK. AND SURVEY OR AREA
 Sec. 28, T22N, R6W
 12. COUNTY OR PARISH
 Sandoval
 13. STATE
 New Mexico

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-78

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

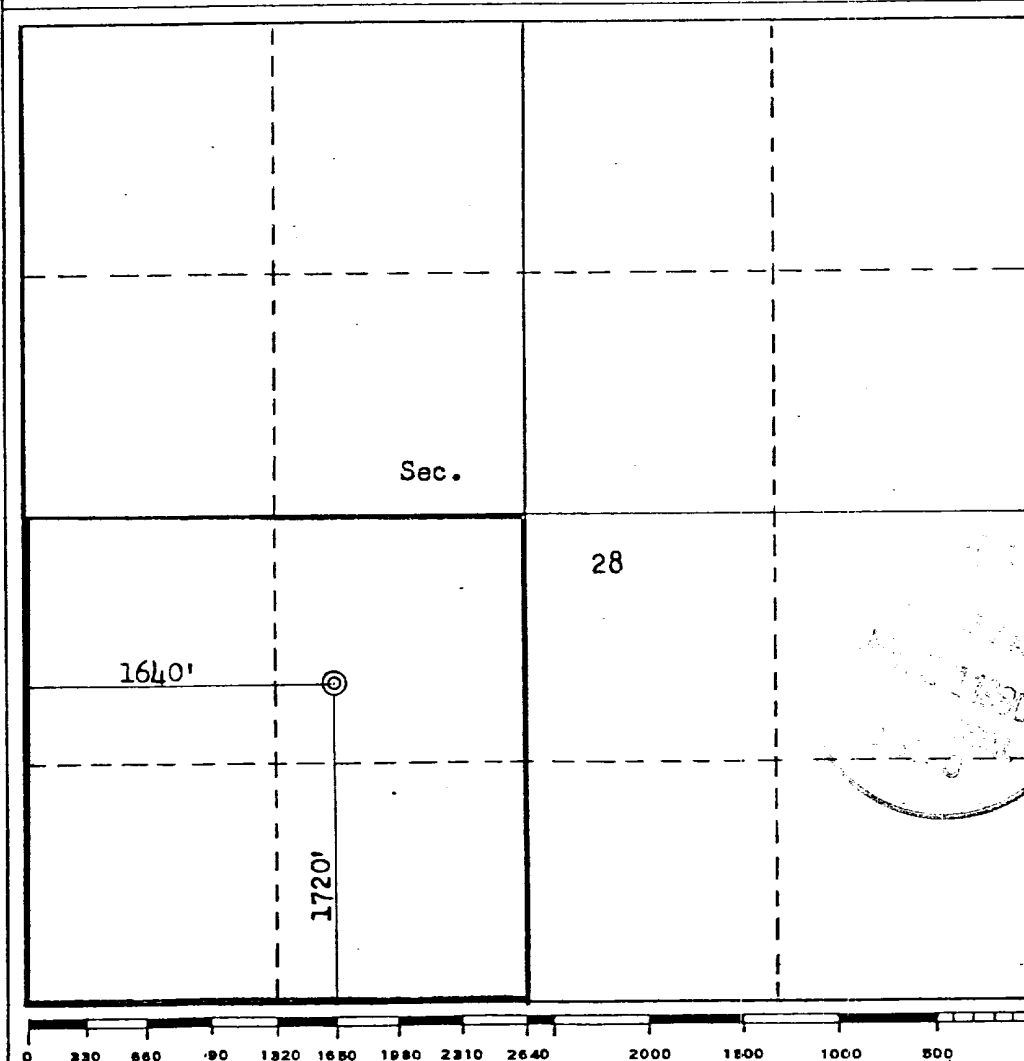
Operator DOME PETROLEUM CORPORATION			Lease DOME-NAVAJO 28-22-6		Well No. 1
Unit Letter K	Section 28	Township 22N	Range 6W	County Sandoval	
Actual Footage Location of Well: 1720 feet from the South line and 1640 feet from the West line					
Ground Level Elev. 6913	Producing Formation Chacra	Pool Rusty Chacra Extension		Dedicated Acreage: 160 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 & Production Foreman
Company

DOME PETROLEUM CORP.
Date

May 2, 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.

Date Surveyed

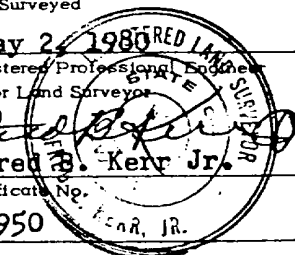
May 2, 1980

Registered Professional Engineer
and/or Land Surveyor

Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No.

3950





DOME PETROLEUM CORP.

SUITE 1400, COLORADO STATE BANK BLDG.

1600 BROADWAY

DENVER, COLORADO 80202

Development Plan For Surface Use

TELEPHONE
(303) 861-1230

DOME NAVAJO 28-22-6, WELL #4

1720' FSL, 1640' FWL

Sec. 28, T22N, R6W

SANDOVAL COUNTY, NEW MEXICO

1. Existing Roads

The main road to location is that from Counselors Trading Post to Pueblo Pintado, leaving this road approximately 9 miles South of Counselors and using existing side road.

2. Planned Access Roads

The access road, to be routed as shown on the attached map, will be approximately 100' long and 18' wide with adequate ditch and water bars.

3. Location Of 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 & Type Of Water Supply

To be hauled from Escrito, approximately 25 miles to the North.

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.

Dome Petroleum Corp.
Development Plan For Surface Use
Dome Navajo 28-22-6, Well #4

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


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

12. Lessee's Or Operator's Respresentative

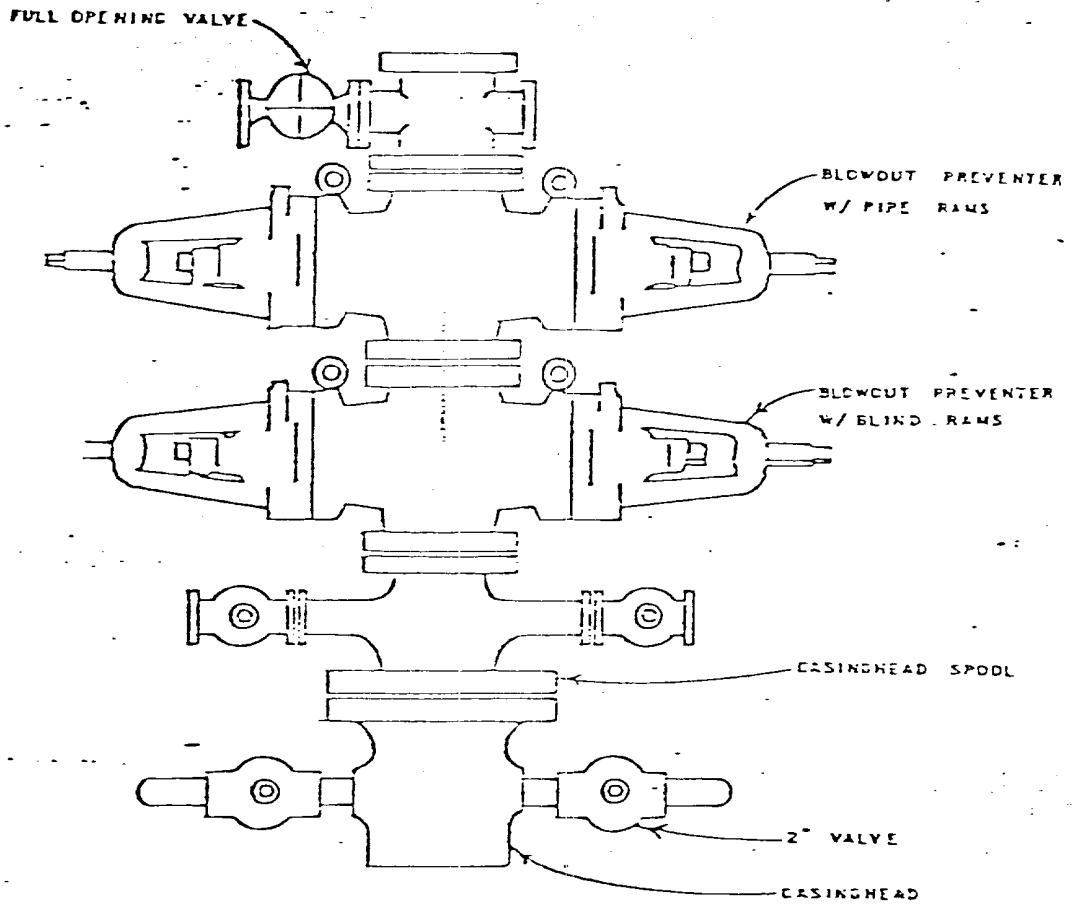
Dome Petroleum Corporation
H. D. Hollingsworth
501 Airport Drive, Suite 107
Farmington, New Mexico 87401
Phone: 505-325-2897 Office
505-327-1548 Home

13. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site 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 Corp. and it's 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

HDH:ig
May 2, 1980



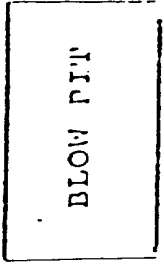
DOME PETROLEUM CORP.

SUITE 1500, COLORADO STATE BANK BLDG.

1600 BROADWAY

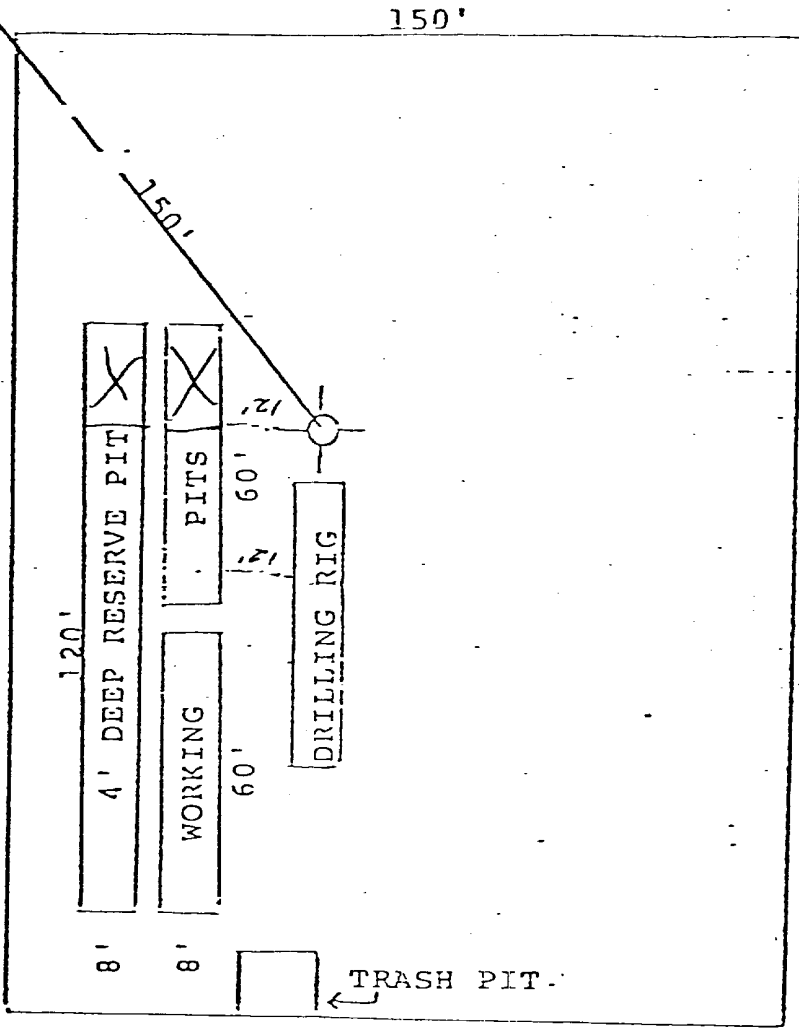
DENVER, COLORADO 80202

STANDARD BLOWOUT PREVENTER ASSEMBLY
6" 900 SERIES



50'

30'



150'

150'

120'

4' DEEP RESERVE PIT

WORKING

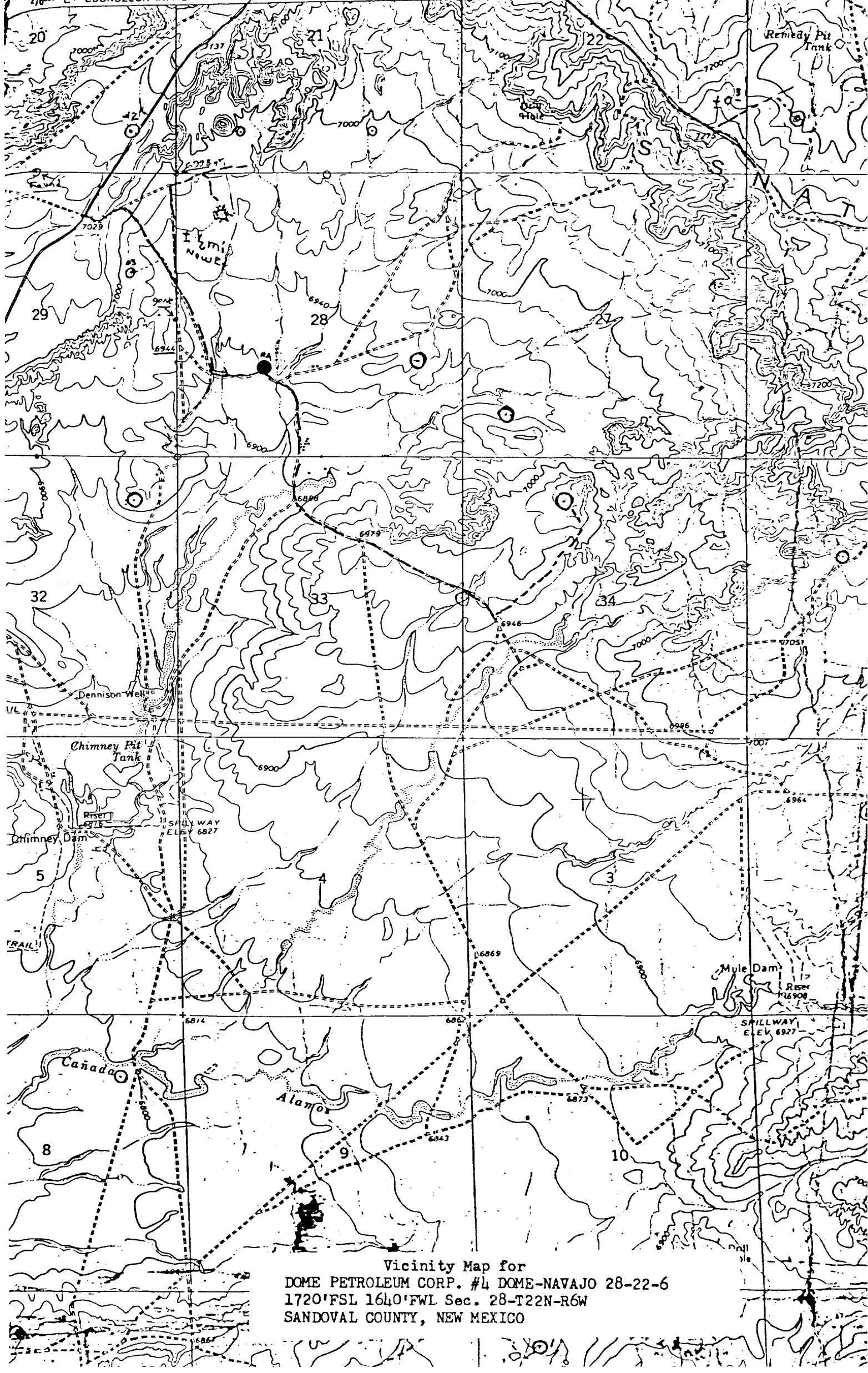
PITS

DRILLING RIG

TRASH PIT

200'

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



Vicinity Map for
DOME PETROLEUM CORP. #4 DOME-NAVAJO 28-22-6
1720'FSL 1640'FWL Sec. 28-T22N-R6W
SANDOVAL COUNTY, NEW MEXICO

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 114, Farmington, NM 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1720' FSL, 1640' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
N00-C-14-20-5045

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NAVAJO

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
DOME NAVAJO 28-22-6

9. WELL NO.
4

10. FIELD OR WILDCAT NAME
Rusty Chacra Extension

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 28, T22N, R6W

12. COUNTY OR PARISH | 13. STATE
Sandoval | New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6913' 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 type="checkbox"/>
(other) Spud & Set Surface Casing		

(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.)*

Spudded 12 1/4" hole at 12:30 p.m., 12/04/80. Drilled to 145'. Ran 3 joints (135') 8 5/8", 24#, K55, ST&C Casing. Casing landed at 137' G.L. Cemented with 100 sxs. Class "B" Cement with 2% CaCl. Plug down at 6:30 P.M., 12/04/80. Circulated Cement.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____

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

SIGNED H. D. HUKLINGSWORTH TITLE Drlg. & Prod. Fore DATE Dec. 8, 1980

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

MMOCC

*See Instructions on Reverse Side

BW

