

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 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

810' FSL, 850' FEL

At proposed prod. zone

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

9 miles West of Counselors Trading Post

15. 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.

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

7071' GR

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#	100'	75 sacks (circulated)
6 1/4"	4 1/2"	10.5#	2350'	375 sacks (circulated)

Move in rotary tools. Drill 12 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 1/4" hole to TD. 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 625'; Fruitland 710'; Pictured Cliff 1270'; Chacra 1855'; and Cliffhouse 2275'. 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.

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, true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

H. D. Hollingsworth
H. D. HOLLINGSWORTH

TITLE Drlg. & Prod. Foreman

DATE 5/02/80

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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

NMCCO

ok Bond

30-043-20482

5. LEASE DESIGNATION AND SERIAL NO.

N.M. 17008

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Dome Federal 20-22-6

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Rusty Chacra Extension

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 20, T22N, R6W

12. COUNTY OR PARISH 13. STATE

Sandoval

New Mexico

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

6/01/80

OIL CONSERVATION DIVISION

P. O. BOX 2088

Form C-102
Revised 10-1-78STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

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

Operator DOME PETROLEUM CORPORATION			Lease DOME-FEDERAL 20-22-6		Well No. 2
Unit Letter P	Section 20	Township 22N	Range 6W	County Sandoval	
Actual Footage Location of Well: 810 feet from the South line and 850 feet from the East line					
Ground Level Elev. 7071	Producing Formation Chacra		Pool Rusty Chacra Extension		Dedicated Acreage: 160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

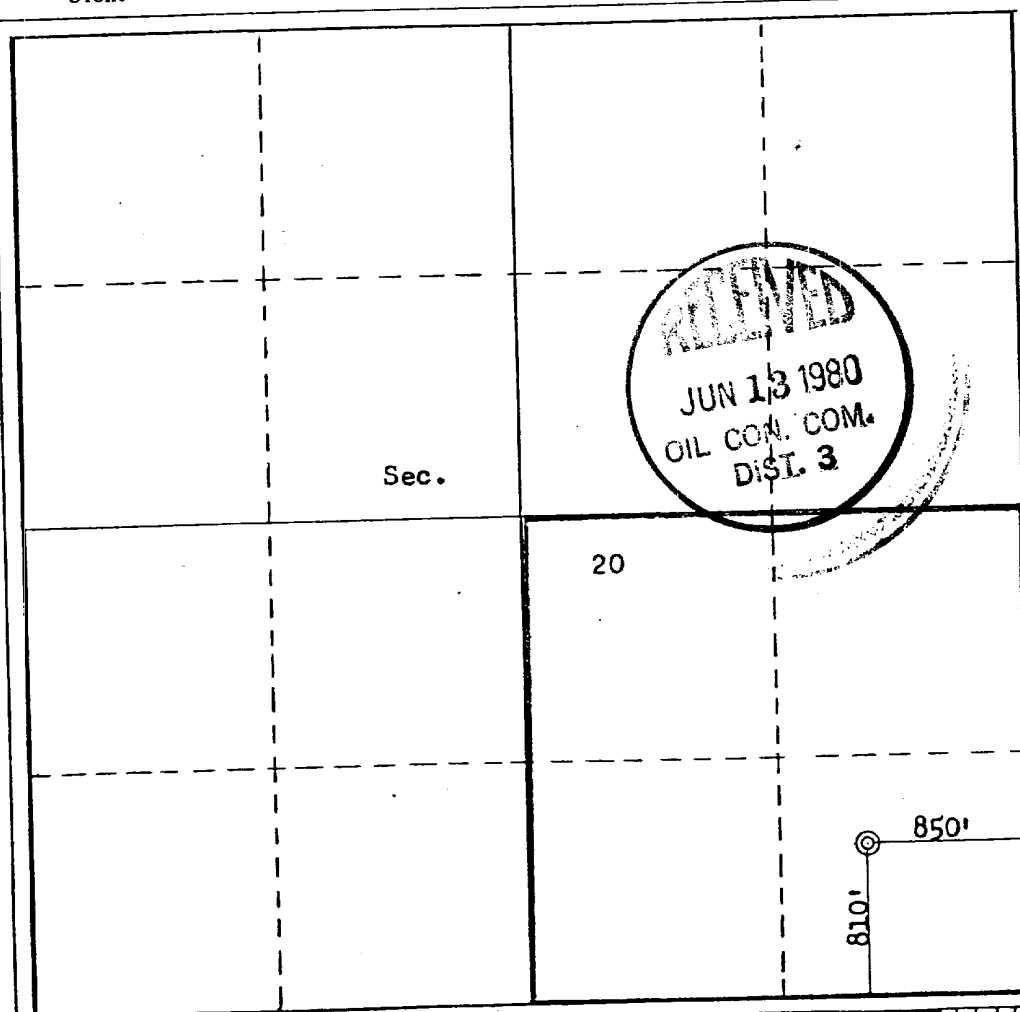
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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.

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.

Certificate No. 3950

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 FEDERAL 20-22-6, WELL #2

810' FSL, 850' FEL

Sec. 20, 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.

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

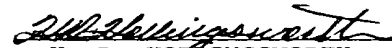
This location is on sparsely vegetated sandy land. Vegetation consists principally of sagebrush and native grasses. There is no water source in the immediate area.

12. Lessee's Or Operator's Representative

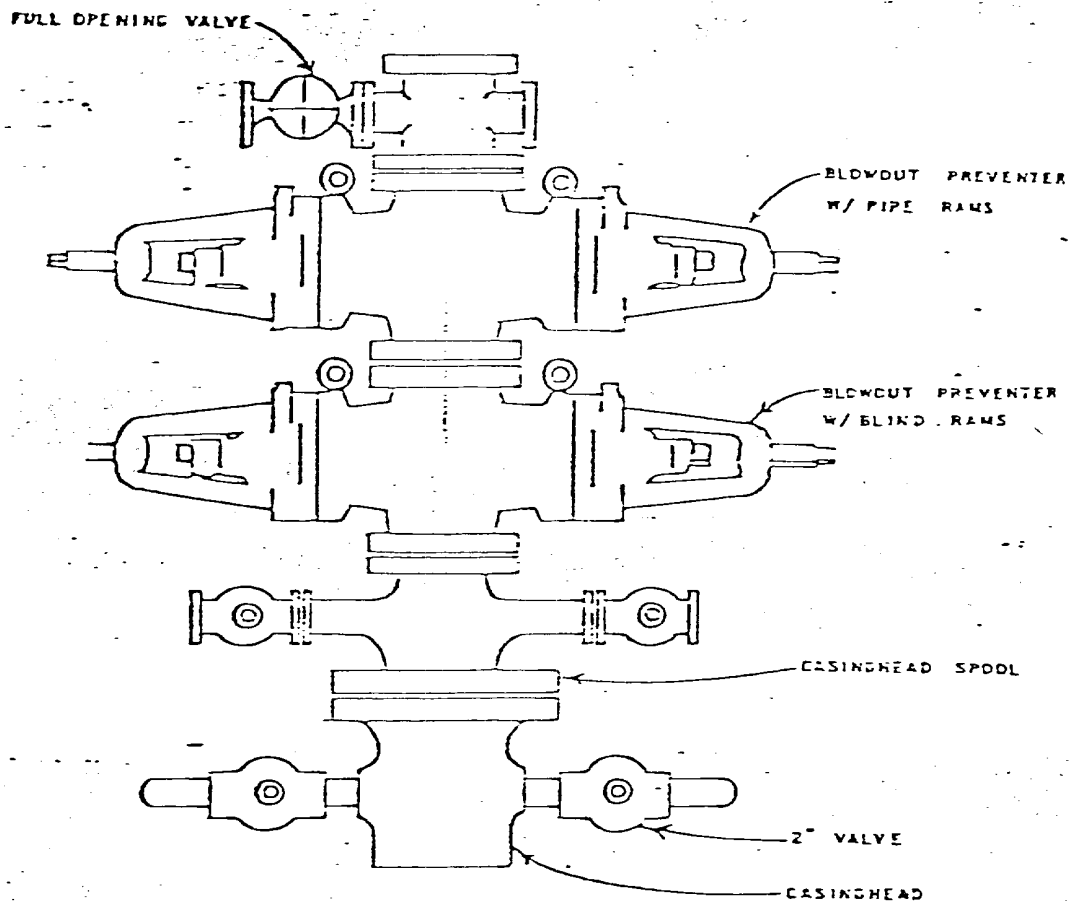
Dome Petroleum Corporation
H. D. Hollingsworth
501 Airport Drive, Suite 107
Farmington, New Mexico 87401
Phone: 505-325-2897 Office
505-327-1548 Home

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



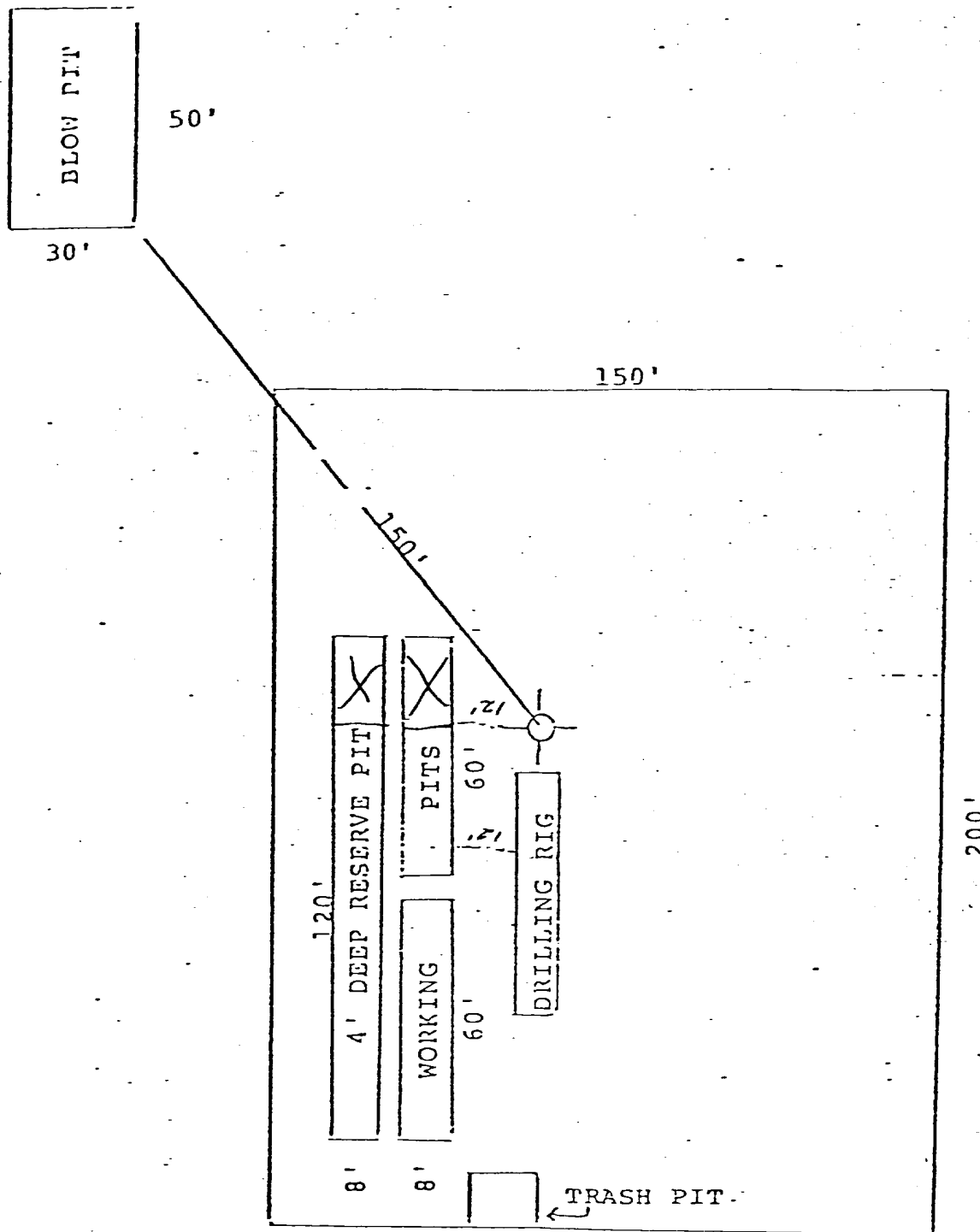
DOME PETROLEUM CORP.

SUITE 1500, COLORADO STATE BANK BLDG.

1600 BROADWAY

DENVER, COLORADO 80202

STANDARD BLOWOUT PREVENTER ASSEMBLY
6" 900 SERIES

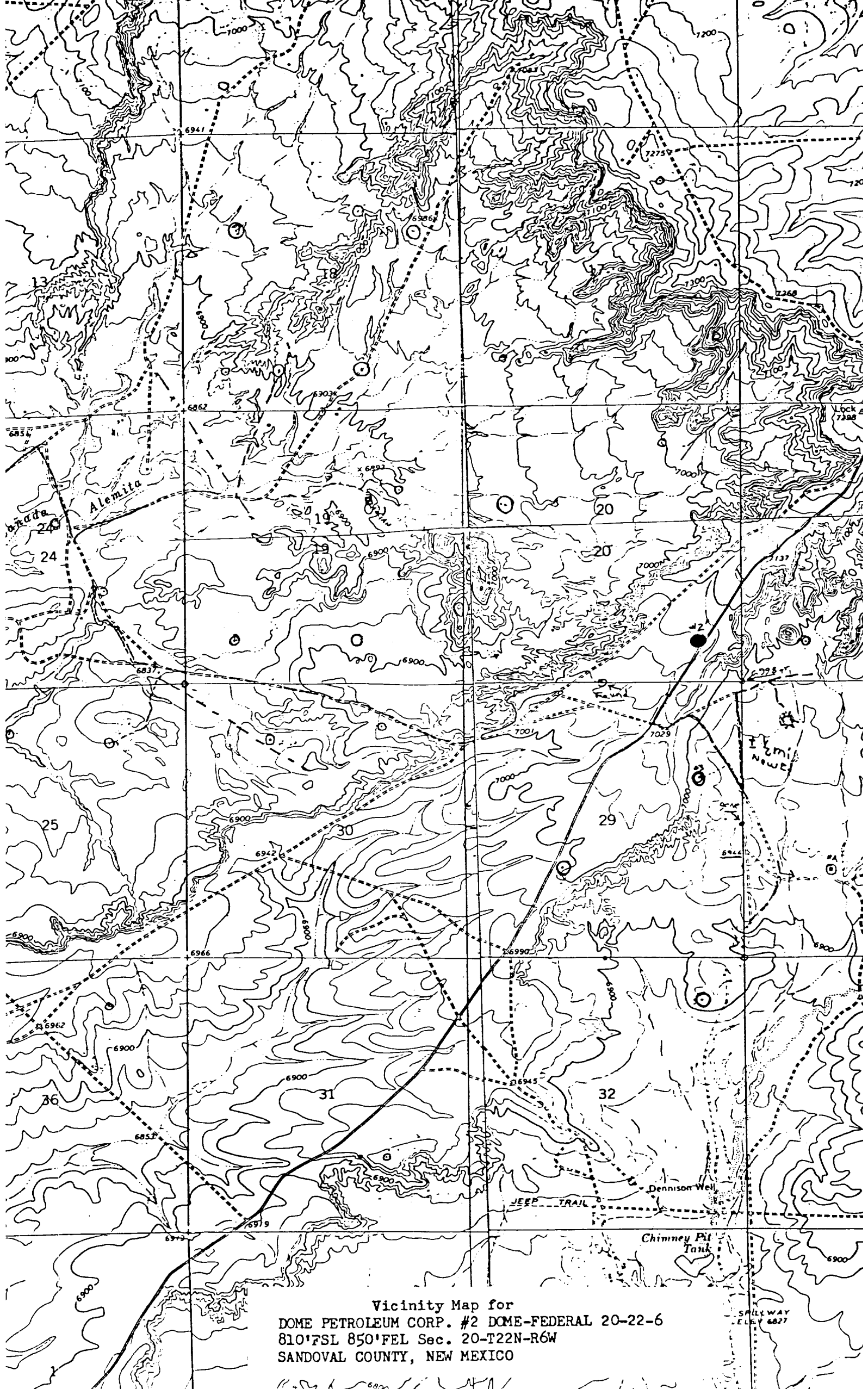


DOME PETROLEUM CORP.

SUITE 1500, COLORADO STATE BANK BLDG.

1600 BROADWAY

DENVER, COLORADO 80202



Vicinity Map for
DOME PETROLEUM CORP. #2 DOME-FEDERAL 20-22-6
810'FSL 850'FEL Sec. 20-T22N-R6W
SANDOVAL COUNTY, NEW MEXICO

SALLY WAY
ELEV 6827