

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-043-20461

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM 17774
b. TYPE OF WELL 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"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR DOME PETROLEUM CORPORATION		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 501 Airport Drive, Suite 107, Farmington, NM 87401		8. FARM OR LEASE NAME DOME FEDERAL 14-20-2
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 2310' FSL, 1900' FWL At proposed prod. zone		9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 4 miles southwest of Cuba, New Mexico		10. FIELD AND POOL, OR WILDCAT WILDCAT
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 14, T20N, R2W
16. NO. OF ACRES IN LEASE 1908.36		12. COUNTY OR PARISH SANDOVAL
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE NEW MEXICO
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 6300'		20. ROTARY OR CABLE TOOLS ROTARY
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6767 GR		22. APPROX. DATE WORK WILL START* February 15, 1980

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 1/2"	9 5/8"	32.3#	200'	200 sacks (circulated)
8 3/4"	7"	20# & 23#	6300'	950 sacks (2 stage)

Move in rotary tools. Drill 13½" hole to 200'. Set 200' of new 9 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 8 3/4" hole to TD. The Geologic name of the surface formation is Mesa Verde. Pertinent formation tops are estimated as Point Lookout 2625', Gallup 3760', Dakota 5042', Morrison 5185', Todilto 6010', Entrada 6019', Carmel 6283'. Mud system will be low solids nondispersed. Mud weight 8.5-9.2#/gal. S.L. 8-10 cc, 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. Drilling should require approximately 15 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 and measured and true depths. Give blowout preventer program, if any.

24.

SIGNED H. D. HOLDINGSWORTH
(This space for Federal or State office use)

TITLE DRILLING & PROD. FOREMAN

APPROVED
AMENDED

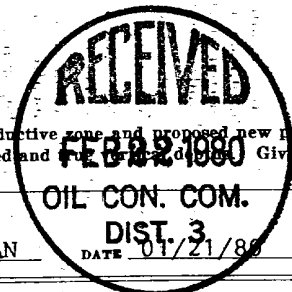
PERMIT NO. _____

APPROVAL DATE

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:JAMES F. SIMS
DISTRICT ENGINEER

DATE

JAN 24 1980



ak Smith

State

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 7088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

All distances must be from the outer boundaries of the Section

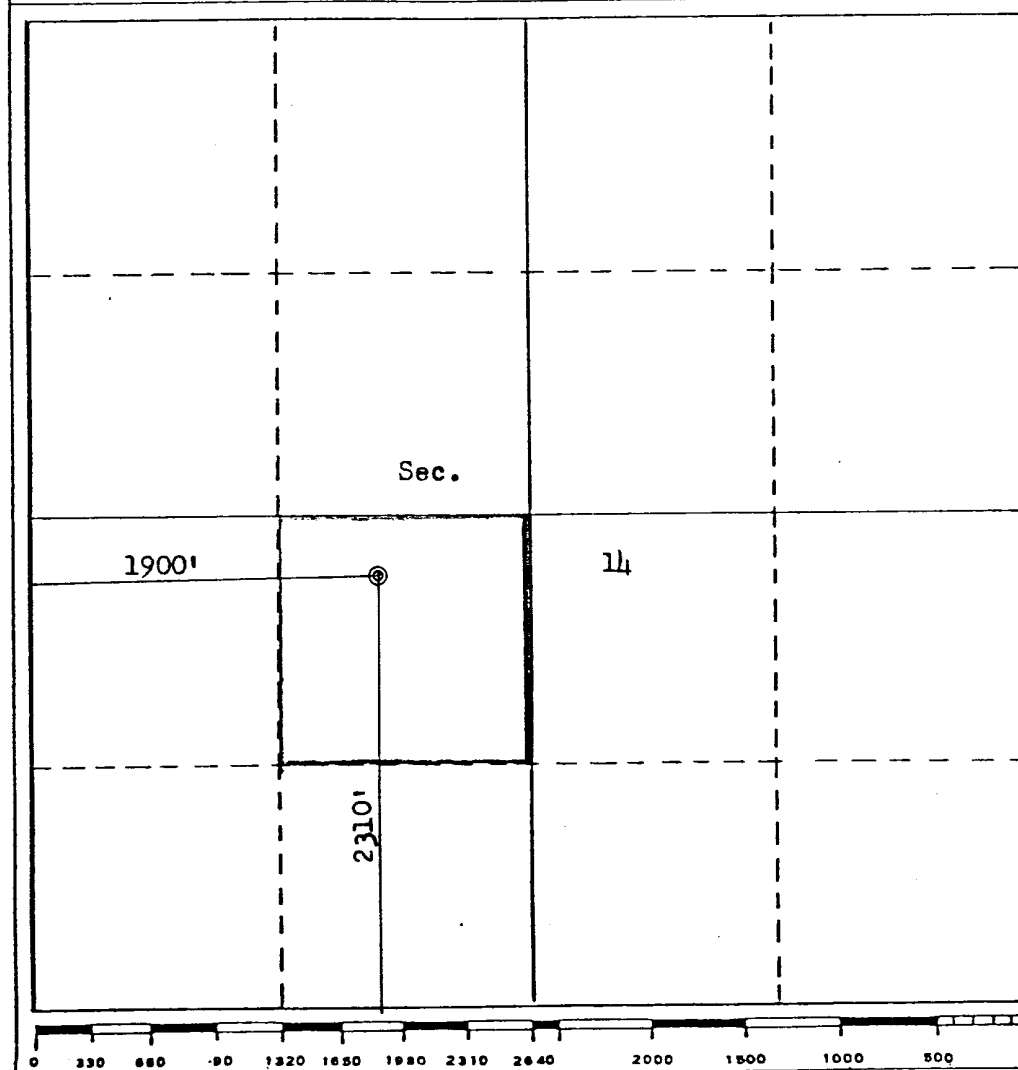
Operator DOMESTIC PETROLEUM CORPORATION			Lease DOMESTIC-FEDERAL 14-20-2		Well No. 1
Unit Letter K	Section 14	Township 20N	Range 2W	County Sandoval	
Actual Footage Location of Well: 2310 feet from the South line and 1900 feet from the West line					
Ground Level Elev. 6767	Producing Formation ENTRADA		Pool <i>Wildcat</i> UNDESIGNATED-ENTRADA		Dedicated Acreage: 40 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.

Name

H. D. HOLLINGSWORTH

Position

DRILLING & PRODUCTION FOREMAN

Company

DOMESTIC PETROLEUM CORPORATION

Date

January 21, 1980

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

RECEIVED
FEB 22 1980
OIL CON. COM.
DIST. 3

Date Surveyed

January 19, 1980

Registered Professional Engineer
and/or Land Surveyor

[Signature]
Fred B. Kerr, Jr.

Certificate No.

3950

F. B. KERR, JR.



DOME PETROLEUM CORP.

SUITE 1400, COLORADO STATE BANK BLDG.

1600 BROADWAY

DENVER, COLORADO 80202

TELEPHONE
(303) 861-1230

DEVELOPMENT PLAN FOR SURFACE USE

Dome Federal 14-20-2 Well #1

2310'FSL, 1900'FWL

Sec. 14, T20N, R2W

Sandoval County, New Mexico

1. Existing Roads

The main road to the location is Highway 197 from Cuba, NM. towards Torreon Trading Post, as shown on the attached topographic map.

2. Planned Access Roads

The access road, to be routed as shown on attached map, will be 18' wide w/ adequate ditch & water bars.

3. Location of Existing Wells - None.

4. Location of Proposed Facilities

Flowline & tank battery will be on location pad. Equipment & pits will be fenced as required for protection of livestock & wildlife.

5. Location & type of Water Supply - To be hauled from Media Field water well.

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 & covered w/ a minimum of 24" of dirt. All drilling waste, ie. cuttings, overflows of oil, water & drilling fluids will be contained in the reserve pit & buried w/ 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. Wellsite Layout - See attached diagram.

10. Plans for Restoration of Surface

Cleanup of 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 & location will be reseeded in accordance w/ BLM specifications.

11. Other Information

This location is on sparsely vegetated sandy land. Vegetation consists principally of sagebrush & native grasses.

12. Lessee's or Operator's Representative

H. D. HOLLINGSWORTH

Dome Petroleum Corporation

501 Airport Drive, Suite 107

Farmington, NM 87401

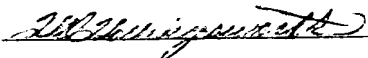
Phone: 505-325-2897 Office

505-327-1548 Home

13. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite & 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 & 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.

January 21, 1980



H. D. HOLLINGSWORTH
DOME PETROLEUM CORPORATION
DRILLING & PRODUCTION FOREMAN

HDH:clp

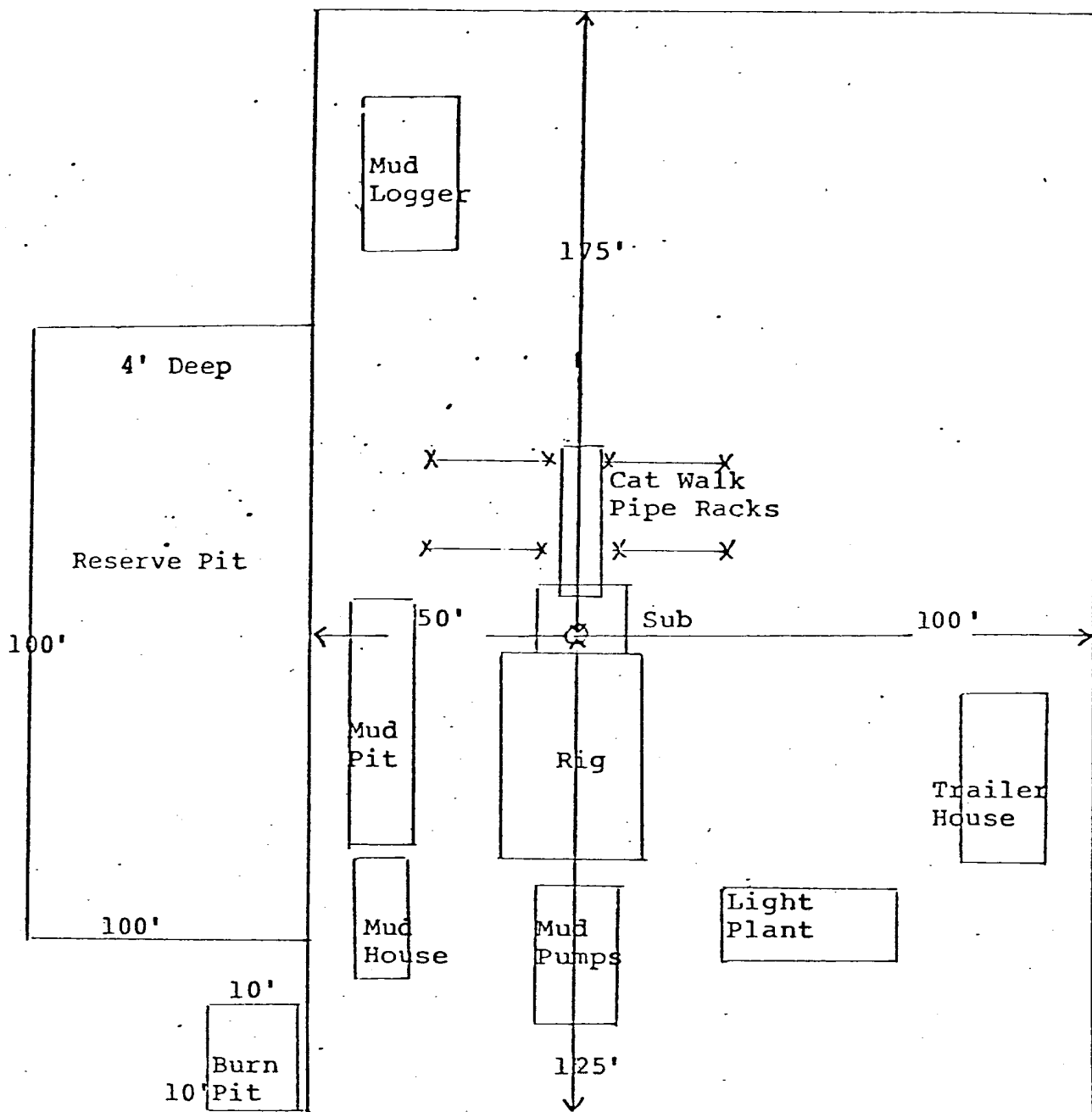
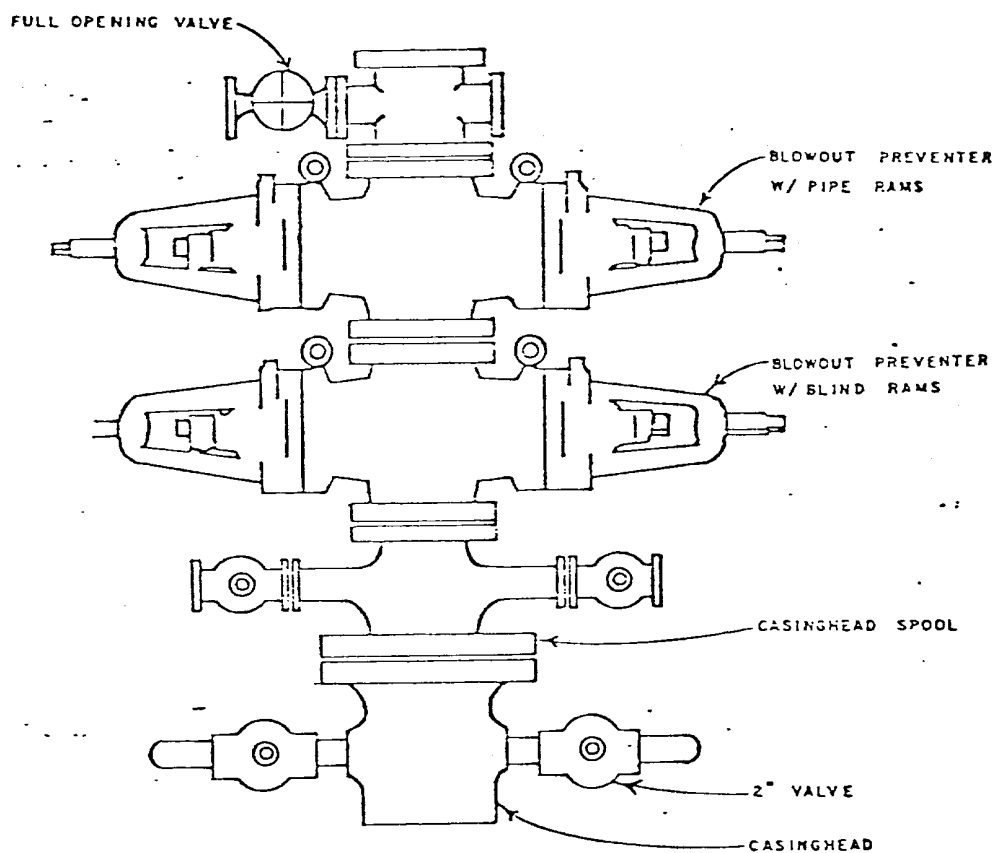


DIAGRAM OF WELL LOCATION

AND DRILLING RIG LAYOUT



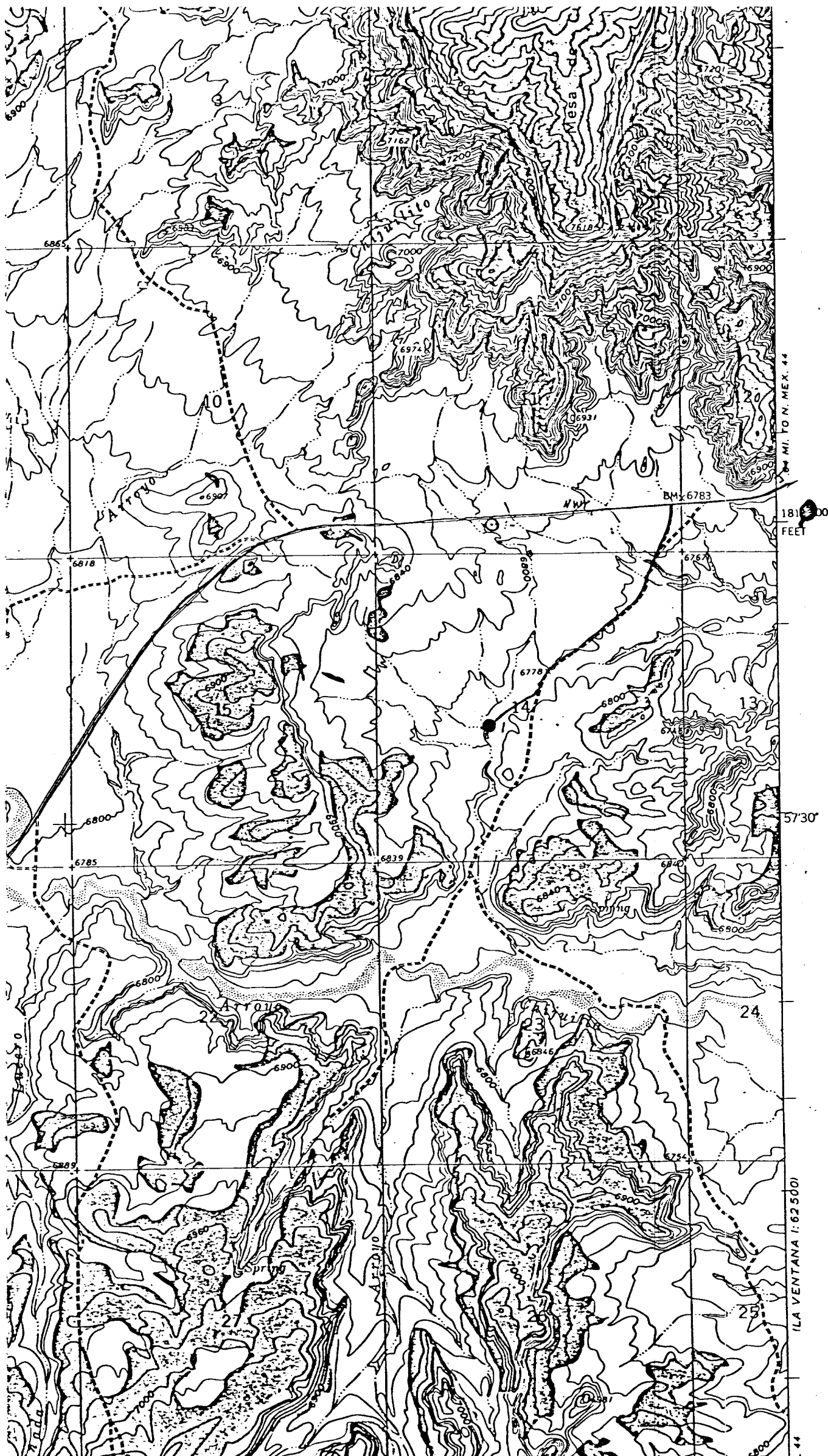
DOME PETROLEUM CORP.

SUITE 1500, COLORADO STATE BANK BLDG.

1600 BROADWAY

DENVER, COLORADO 80202

STANDARD BLOWOUT PREVENTER ASSEMBLY
6" 900 SERIES



Vicinity Map for
DOME PETROLEUM CORP. #1 DOME-FEDERAL 14-20-2
2310'FSL 1900'FWL Sec 14-T20N-R2W
SANDOVAL COUNTY, NEW MEXICO