

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

TRIPPLICATE
REQUIREMENTS OF
THE FIELD

Form approved
Bureau Order No. 41 B-421

30-043-20493
LEASE DESIGNATION AND SERIAL NO.

NOG-C-14-20-3669

IF INDIAN, ALIOTTEE OR TRIBE NAME

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WELL
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

2. TYPE OF WELL
OIL ☐ GAS ☐ OTHER ☐
WELL ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

3. NAME OF OPERATOR
Dome Petroleum Corp.

4. ADDRESS OF OPERATOR

501 Airport Drive, Suite 114, Farmington, New Mexico 87401

5. LOCATION OF WELL (Report location clearly and in accordance with the State requirements.)
At surface

810' ENL, 600' FRL
At proposed well zone

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

17 miles Southwest of Counselors Trading Post, New Mexico

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Give to nearest drill unit line, if any)

16. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL DRILLING, COMPLETION
OR APPLIED FOR, ON THIS LEASE, FT.

21. ELEVATIONS (Show whether DP, RT, GL, etc.)

6752' GR.

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 1/2"	7"	20# & 23#	6100'	950 sacks (2 stage-circulated)

DRILLING OPERATIONS AUTHORIZED ARE

SUBJECT TO COMPLIANCE WITH ATTACHED

GENERAL RECOMMENDATIONS. Drill 13 1/2" hole to 200'. Set 200' of 9 5/8", K55 casing. Cement with 200 sacks Class "B" Cement with 2% CaCl. Wait on cement 12 hours. Install 10" 900 Series blowout preventer. Test to 500 psi before drilling out from under surface pipe. Break pipe rams daily and blind rams on trips. Drill 8 1/2" hole to T.D. The geologic name of the surface formation is Mesa Verde. Pertinent formation tops are estimated as Point Lobout 2975'; Gallup 3665'; Dakota 4950'; Entrada 5975'. Oil is expected in the Entrada. All other formations are probably water bearing. Mud system will be low solids nondispersed. Mud weight 8.5-9.2#/gal., W.L. 8-10 cc, viscosity 30-60 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# & 23#, K55, new casing will be run and cemented in two stages using 65/35 Pozmix, 6% gel, and 10# Gilsonite/sx. Followed with Class "B" Cement with 10% salt. If non-productive P&A will follow USGS specifications.

18. 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.

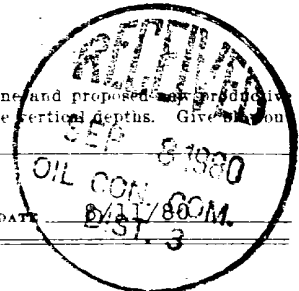
24.

SIGNED H. D. HOLMES TITLE Dir. & Prod. Foreman

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY TITLE DATE
CONDITIONS OF APPROVAL, IF ANY:



MM000

SANTA FE, NEW MEXICO 87101

All distances must be from the corner boundaries of the section.

Owner DOMO PETROLEUM CORPORATION			Lease DOMO-NAVAJO 30-21-7		Well No. 1
Section A	Section 30	Township 21N	Range 7W	County Sandoval	
Actual Footage Location of Well:					
810		feet from the North	line and 600	feet from the East	line
Ground Level Elev. 7751	Producing Formation ENTRADA		Pool UNDERSATURATED FLOOD	Dedicated Acreage: 40 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.

		810'	
		600'	
Sec.		30	

Scale: 1"=1000'

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

Drla. & Prod. Foreman

Company

DOMO PETROLEUM CORP.

Date

AUGUST 11, 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

July 22, 1980

Registered Professional Engineer
and
Land Surveyor

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

Certificate No.

392 FRED B. KERR, JR.

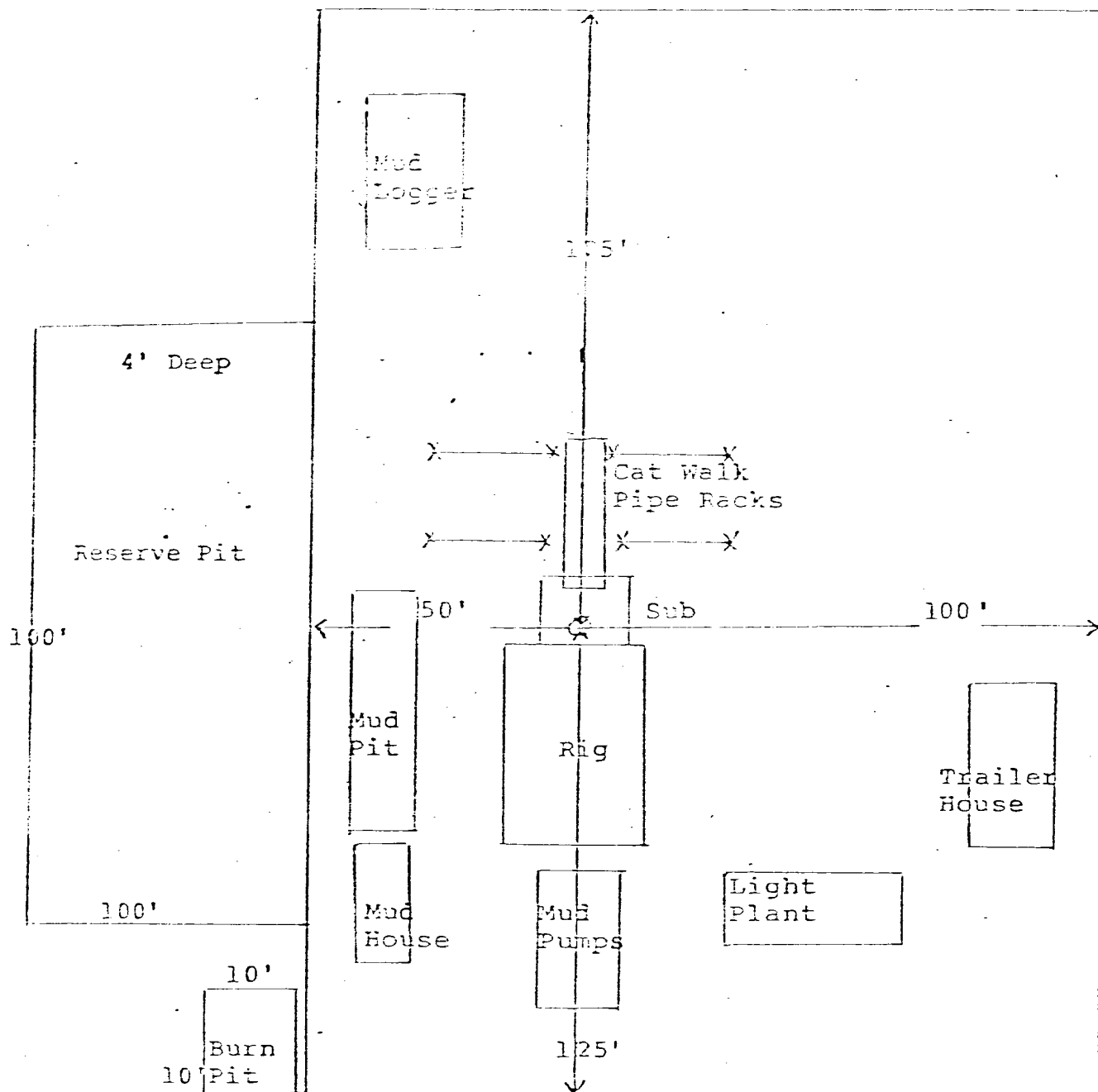
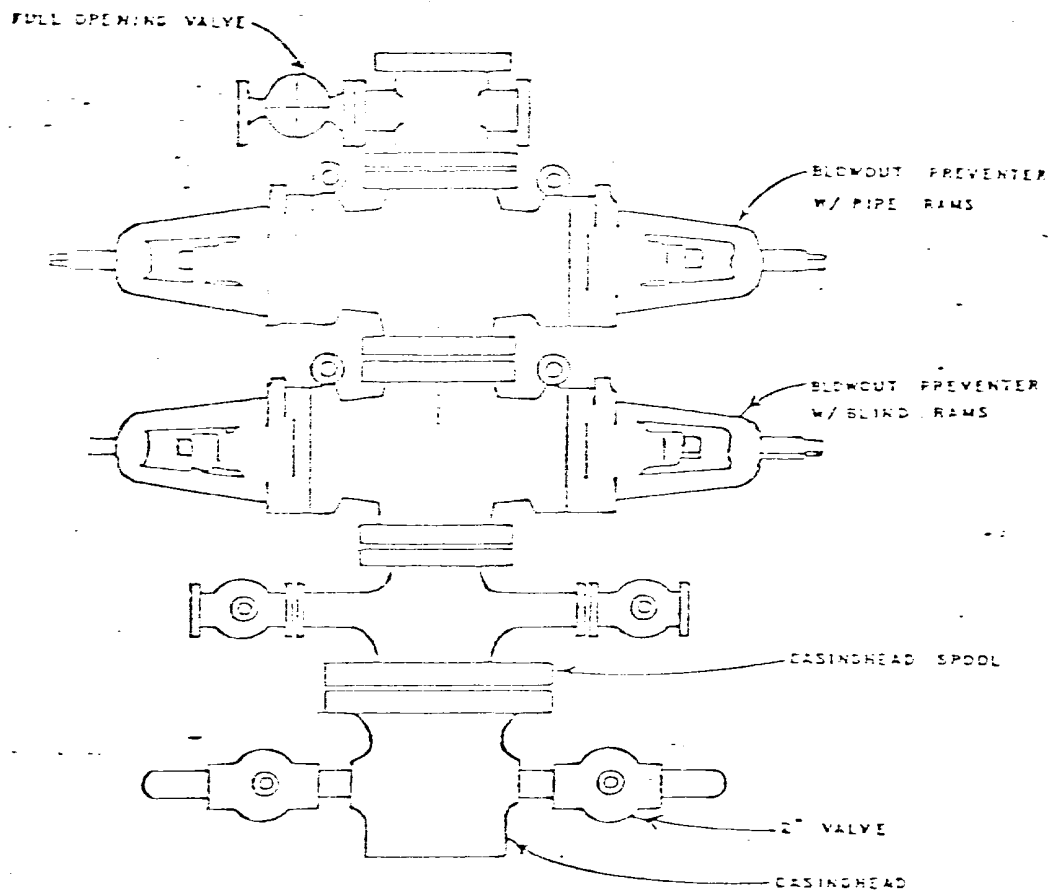


DIAGRAM OF WELL LOCATION

AND DRILLING RIG LAYOUT



DOME PETROLEUM CORP.

SUITE 1500, COLORADO STATE BANK BLDG.

1600 BROADWAY

DENVER, COLORADO 80202

STANDARD BLOWOUT PREVENTER ASSEMBLY
10" 900 SERIES



DOME PETROLEUM CORP.

501 AIRPORT DRIVE

Suite 114

FARMINGTON, NEW MEXICO 87401

TELEPHONE
(505) 325-2807

DEVELOPMENT PLAN FOR SURFACE USE

DOME PETROLEUM CORP.

Dore Navajo 20-21-7 #1

810' FNL, 600' REL

540' OC. TWIN. RTW

Sandoval County, New Mexico

1. EXISTING ROADS

The main road to the location is that from Counselors Trading Post to Pueblo Pintado, as shown on the attached topographic map.

2. PLANNED 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, overflow 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. PLAN FOR RESTORATION OF SITE
Cleanup of the location will be made 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 PLM specifications.

11. OTHER INFORMATION

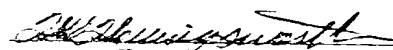
This location is on sparsely vegetated sandy land. Vegetation consists principally of sagebrush and native grasses. There is no water source in the immediate area.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Dome Petroleum Corporation
H. L. Hollingsworth
501 Airport Drive, Suite 114
Farmington, New Mexico 87401
Phone: 505-328-2897 Office
505-327-1548 Home

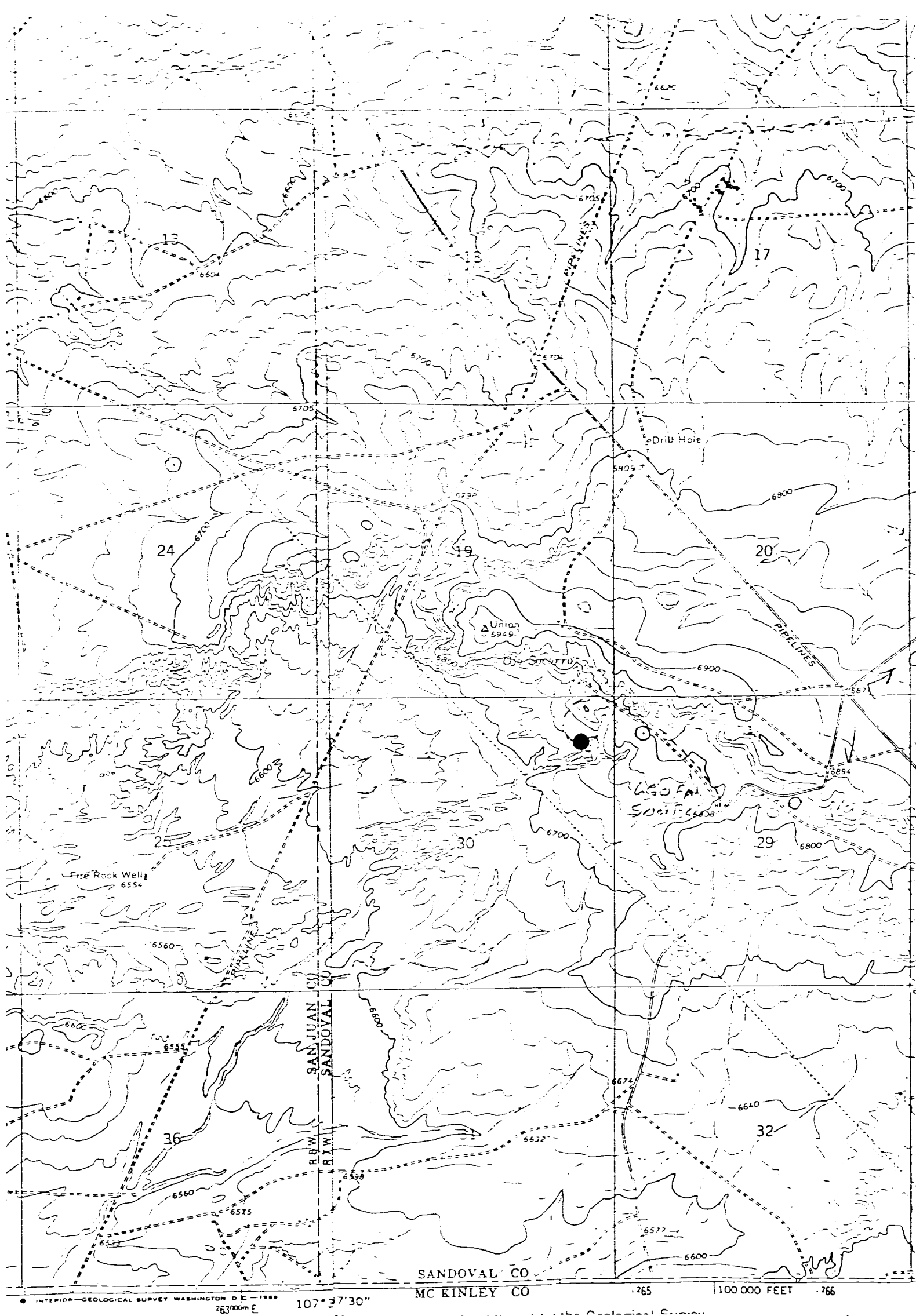
13. CERTIFICATION

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 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 Corp.

HDH:ig
August 11, 1980



• INTERIOR GEOLOGICAL SURVEY WASHINGTON D C 20541
263000m E

107° 37' 30"

SANDOVAL CO
MC KINLEY CO

125

100 000 FEET

126

Vicinity Map for
DOME PETROLEUM CORPORATION #1 DOME-NAVAJO 30-21-7
810' FNL 600' FEL Sec. 30-T21N-R7W
SANDOVAL COUNTY, NEW MEXICO

ROAD CLASSIFICA

Unimp

Central zone

1000' contour interval
1:25000 scale
1:25000 scale
1:25000 scale

1:25000 scale

UTM GRID AND 1983 MAIN
DETERMINATION AT CENTER