

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 Corporation

3. ADDRESS OF OPERATOR

Suite 1500, Colorado State Bank Bldg, 1600 Broadway, Denver, CO

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

790' FSL & 1850' FWL

80202

At proposed prod. zone

Same

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

20 miles southwest of Farmington, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

790'

16. NO. OF ACRES IN LEASE

2560

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

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

2600'

19. PROPOSED DEPTH

6000

20. ROTARY OR CABLE TOOLS

Rotary

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

6125 GL

22. APPROX. DATE WORK WILL START*

August 1, 1977

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	20#	200	150 sacks
7 7/8"	4 1/2	10.5#	6000	600 sacks

Move in - rig up rotary tools. Drill 12 1/4" hole to 200 feet; run 200 feet 8 5/8" casing and cement as above. Install blow out preventer and test. Drill 7 7/8" hole to 6000 feet. Run open hole logs to evaluate Dakota formation. If commercial production is indicated, 4 1/2" casing will be run and cemented as above. If the well is non-commercial it will be plugged according to the U.S.G.S. specifications. No abnormal pressures or temperatures are anticipated. Mud will be a low-solids non-dispersed system with the following characteristics: wt. 8.7-8.9, viscosity 36-40 seconds, FL 8-10 cc.

Gas under this lease is not dedicated to an existing contract.

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 vertical depths. Give blowout preventer program, if any.

24.

SIGNED

William T. Jones
William T. Jones

TITLE

Agent

DATE

June 30, 1977

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

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

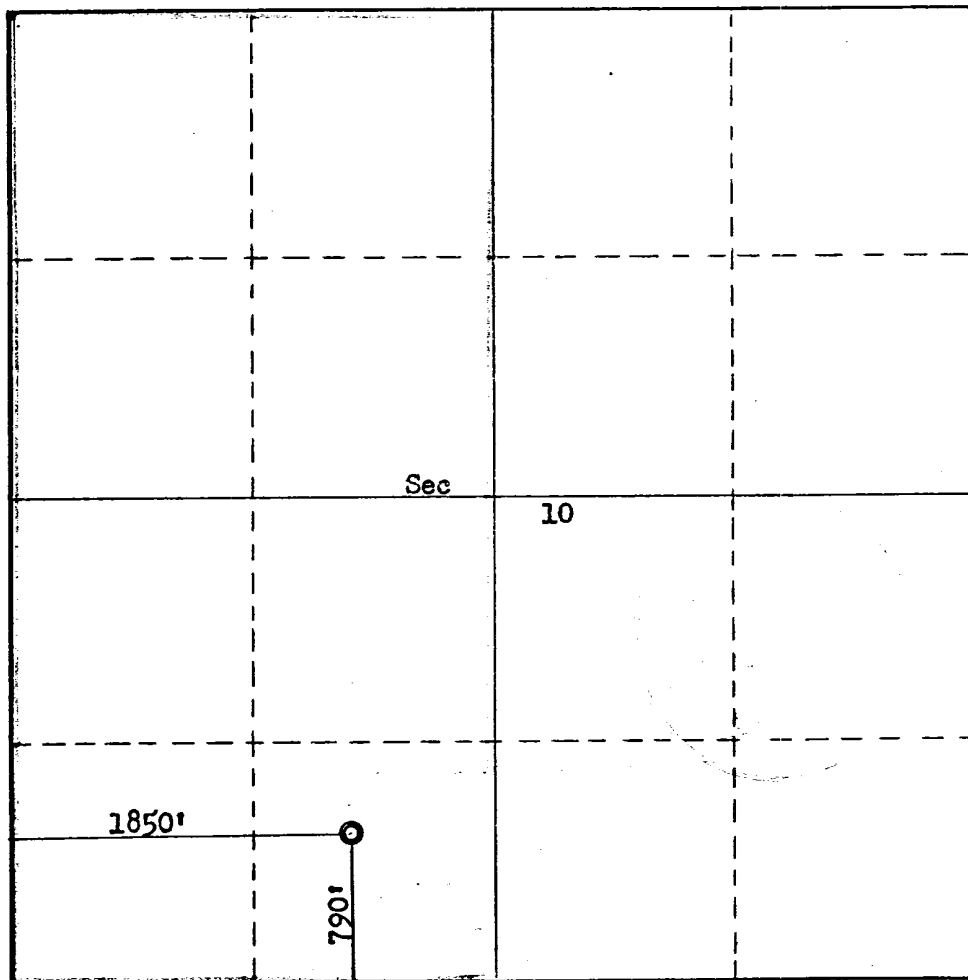
Operator Dome Petroleum Corporation			Lease Old Trading Post			Well No. 1		
Unit Letter N	Section 10	Township 26N	Range 14W	County San Juan				
Actual Footage Location of Well: 790 feet from the South line and 1850 feet from the West line								
Ground Level Elev. 6125	Producing Formation Dakota		Pool Basin Dakota			Dedicated Acreage: 320 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.

William T. Jones
Name
William T. Jones

Position
Agent

Company
Dome Petroleum Corporation

Date
June 30, 1977

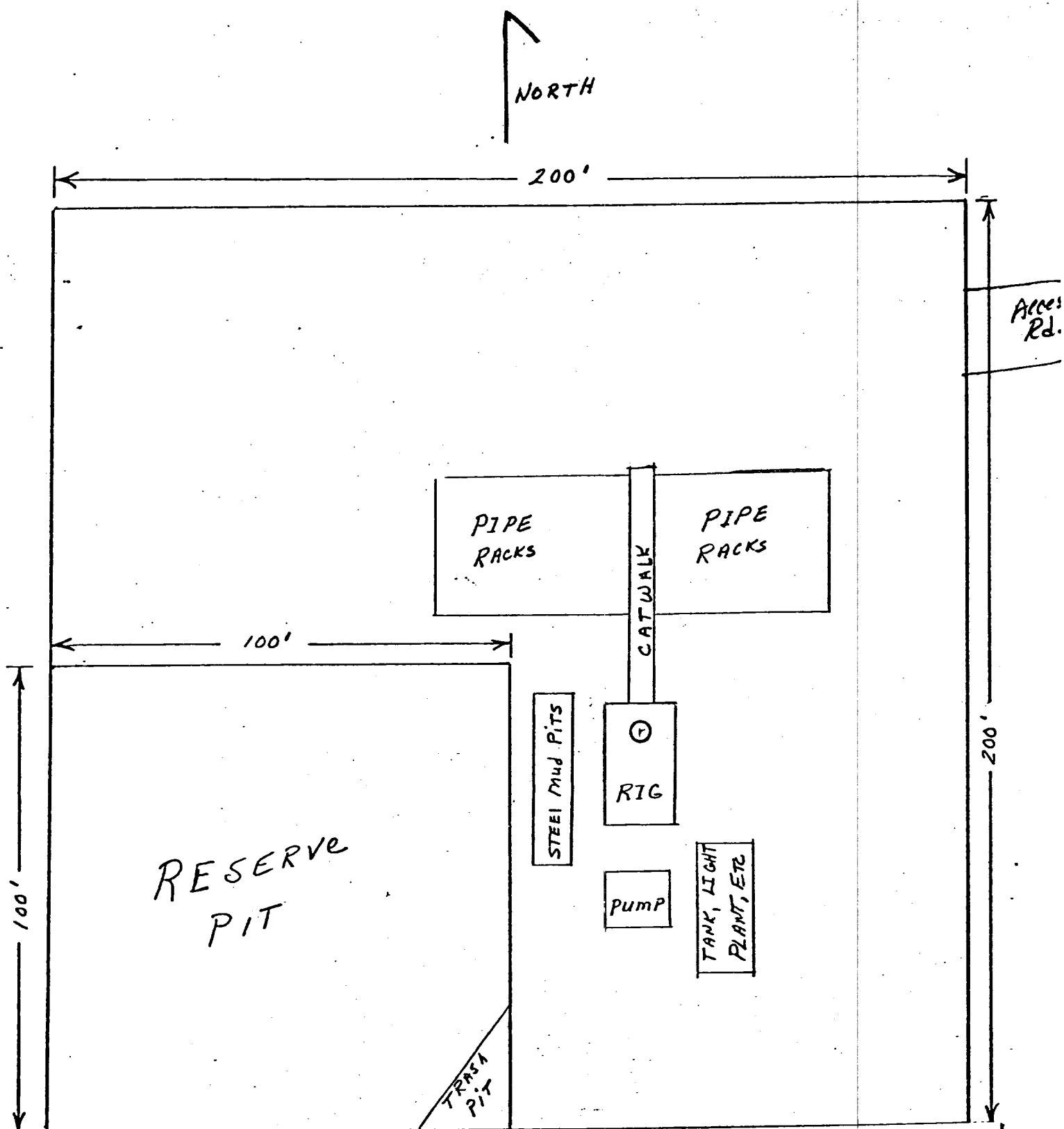
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
June 17, 1977

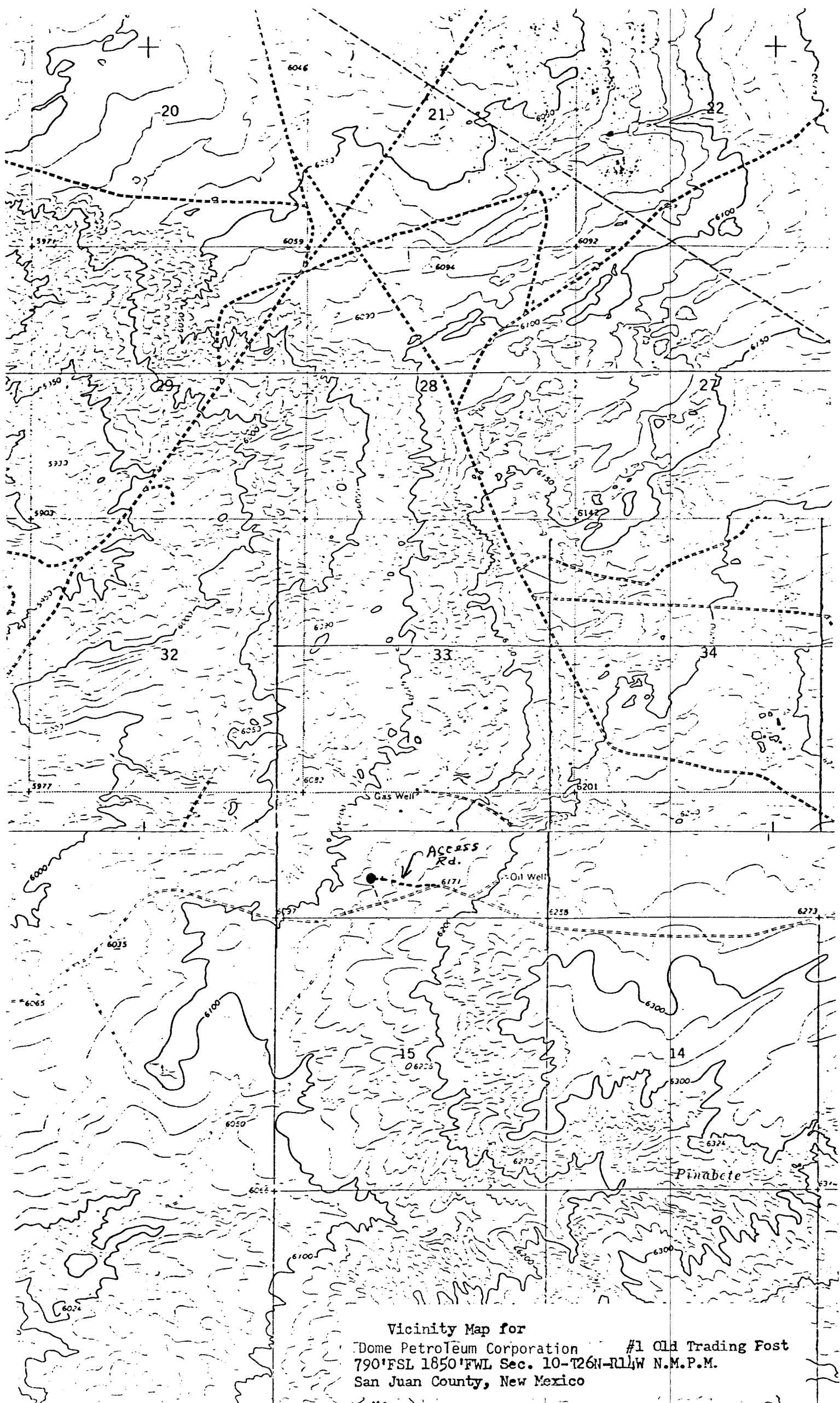
Registered Professional Engineer
and/or Land Surveyor

Fred B. Kers Jr.
Fred B. Kers Jr.

Certificate No.
3950



Dome Petroleum Corporation
Old Trading Post #1
790' FSL & 1850' FWL
Sec 10 - 26N - 14W
Basin Dakota
San Juan County, New Mexico



Vicinity Map for
Dome Petroleum Corporation #1 Old Trading Post
790' FSL 1850' FWL Sec. 10-T26N-R11W N.M.P.M.
San Juan County, New Mexico

Archaeological Clearance Survey Report

for

Dome Petroleum Corporation

June 29, 1977

Old Trading Post #1

Prepared by

Nancy S. Hewett

Submitted by

Dr. J. Loring Haskell
Operations Director and
Principal Investigator

Agency of Conservation Archaeology

Introduction

The Agency of Conservation Archaeology of the San Juan County Museum Association and Eastern New Mexico University recently completed an archaeological clearance survey on lands south of Farmington to be impacted by the proposed construction of one well and one access road by Dome Petroleum Corporation, Farmington, New Mexico.

The survey project was initiated at the request of Mr. Bill Jones of the 3E Company on June 21, 1977. It was administered by Mr. Jones and Dr. J. Loring Haskell of the Agency of Conservation Archaeology, Portales.

The field work was conducted by Mrs. Nancy Hewett of the Agency of Conservation Archaeology in Farmington on June 29, 1977 under provisions of a Federal Antiquities permit No. 77-AZ-033 which expires on March 15, 1978. Representing Dome Petroleum Corporation in the field was Mr. Bill Jones. Also in the field were Mr. Lee Freeman of the U. S. Geological Survey and Mr. Jim Hill of Allen Construction Company.

Survey

The requested archaeological clearance survey involved one well and one access road described below and located on lands under the jurisdiction of the Navajo Tribe. For specific details of location, please see the attached topographic map and the Recommendations section of this report.

The general survey procedure employed was to walk the area of the proposed construction in a zig zag manner. Visual inspection was made of the ground surface for evidence of any artifactual remains of historic or prehistoric origin. Erosional gullies were inspected for accumulations of material washed in from higher terrain. Floral, faunal and geological observations were made to briefly describe the environmental situation.

Old Trading Post #1

The terrain of the access road and well pad is relatively level, and broken by several shallow erosional gullies draining to the west. The soil is a light tan sandy loam, tending to more sandy in small, low dune areas. The vegetation consists of various grasses, snakeweed (Gutierrezia sarothrae), scattered narrow leaf yucca (Yucca angustissima) and prickly pear (Opuntia sp.), clumps of Mormon tea (Ephedra viridis) and small rabbitbrush (Chrysothamnus nauseosus) bordering the gullies. The access road will enter the location from the east and follows a long, low ridge extending from the existing graded road to the location. Grazing is evident in the area.

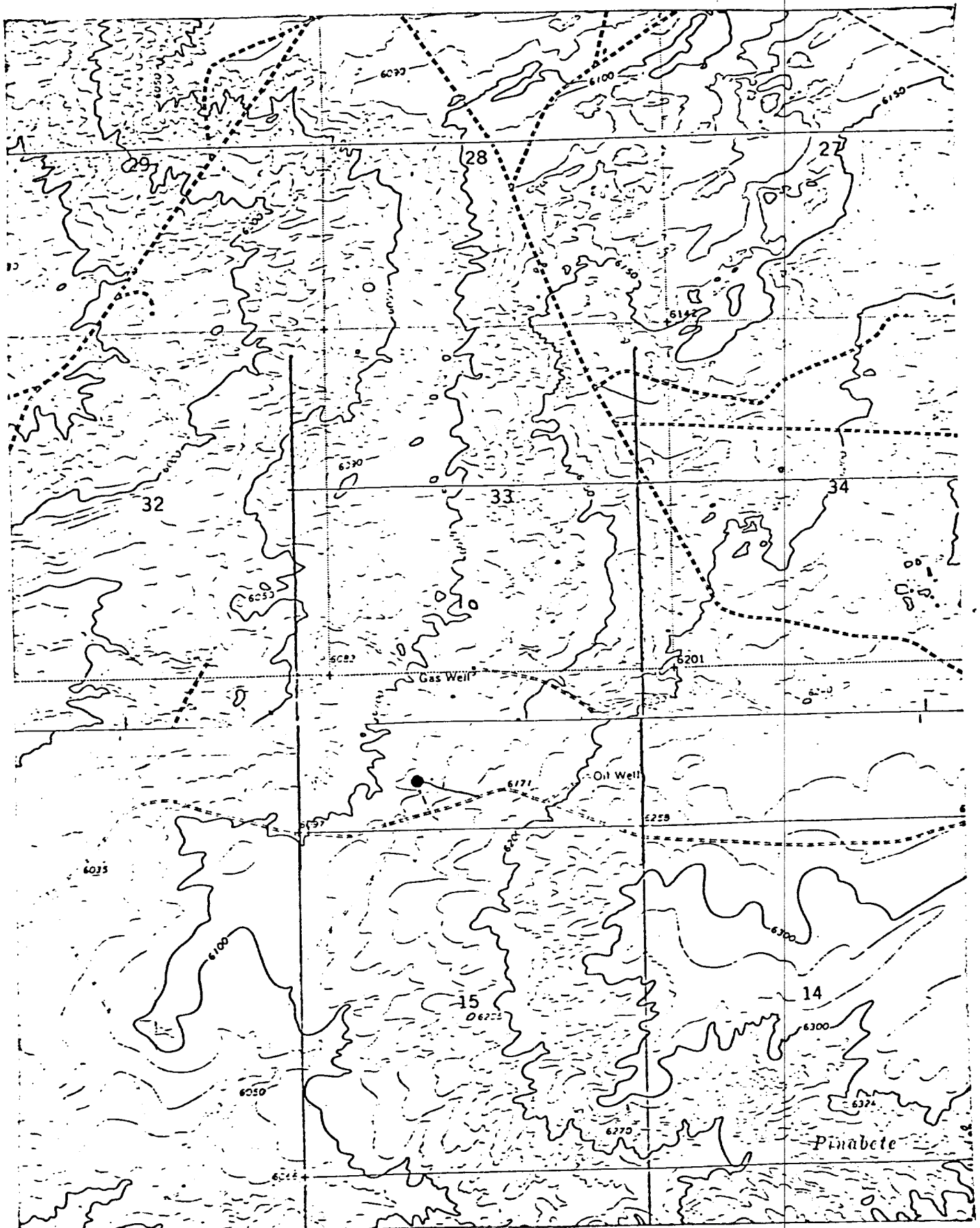
No cultural resources were noted of a prehistoric origin. In one portion of a gully to the south of the location there is a small accumulation of modern trash -- broken bottles, rusted metal, an old tire etc -- which seems to have washed down from an abandoned trading post nearby.

Recommendations

Due to the lack of cultural resources in the areas of proposed construction, archaeological clearance is recommended.

<u>Well</u>	<u>Area Surveyed</u>	<u>Location</u>	<u>Clearance Status</u>
#1	(pad) 250' x 250' (road) 1000' x 20'	790' F/SL 1850' F/WL SE $\frac{1}{4}$ of SW $\frac{1}{4}$ Sec. 10 T26N R14W N.M.P.M. San Juan County, New Mexico. Map Source: 7.5' U.S.G.S. The Pillar Quadrangle	Recommended

Kirtland SE Quad.



The Pillar Quad.

3E COMPANY, INC.

Engineering • Energy • Exploration

P. O. Box 190 —:— 505/327-4020

FARMINGTON, NEW MEXICO 87401

June 30, 1977

U.S. Department of Interior
Geological Survey
P.O. Box 959
Farmington, NM 87401

Attention: Mr. Phil McGrath
District Engineer

RE: Development Plan for Surface Use
Dome Petroleum Corporation
Old Trading Post #1
790' FSL & 1850' FWL
Sec 10 - 26N - 14W
Basin Dakota
San Juan County, New Mexico

Gentlemen:

Attached is the "Application for Permit to Drill" (form #9-331C) for the subject well. Also enclosed are the following items: surveyor's plat, drill site plat, vicinity map and archaeological report. Mr. Lee Freeman of the United States Geological Survey and Nancy Hewett of the Agency of Conservation Archaeology have inspected the site.

The development plan for surface use is as follows:

Points 1, 3, 4, 6, & 9 Vicinity map and drill site plat attached.

Point 2. Water bars will be used on all roads where necessary.

Point 5. Water for drilling will be trucked from the San Juan River approximately 20 miles to the north.

Point 7. A waste disposal pit will be provided for the garbage and trash. Location shown on drill site plat. Drilling fluids will be contained in reserve pit until such time as evaporation occurs and then pits will be covered.

Point 8. No camps or airstrip.

- Point 10. Should the well be a commercial producer, it will be equipped to facilitate producing operations with all drilling pits filled, location leveled and well site reseeded in compliance with current Bureau of Land Management seeding requirements. During dry out time required for the reserve pit it will be fenced to eliminate livestock entry. All facilities will be painted sandstone: Federal Standard 595-30318.
- Point 11. The location is in an area of gently rolling hills with normal native vegetation with no trees. Natural drainage is to the north and south of the location. Access will be brought in from the east along a ridge so as not to interfere with natural drainage.
- Point 12. William T. Jones
3E Company, Inc.
P.O. Box 190
Farmington, New Mexico 87401
505-327-4020
- Point 13. 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 the 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 Corporation and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

June 30, 1977

William T. Jones
William T. Jones

Should further information be desired, please advise.

Yours very truly,

William T. Jones

William T. Jones

WTJ:st

Attachments