

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-21933

WELL LOCATION AND SERIAL NO.

NM 7786

6. WELL NAME, ALIQUOT OR TRILL NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Los Dos Federal

9. WELL NO.

1

10. FIELD AND POOL OR WILDCAT

Wildcat *Dakota*
11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Sec. 27, T25N, R13W
(NMPM)

12. COUNTY OR PARISH 13. STATE

San Juan New Mexico

1. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

2. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

3. NAME OF OPERATOR

Tesoro Petroleum Corporation

4. ADDRESS OF OPERATOR

404 Fidelity Plaza, Oklahoma City, Oklahoma 73102

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

At surface

790' FSL, 990' FWL

At proposed prod. zone

Same

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

7 miles NNE of Bisti Trading Post

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

1260.58

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

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

NA

19. PROPOSED DEPTH

5700'

20. ROTARY OR CABLE TOOLS

Rotary

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

6250 GR

22. APPROX. DATE WORK WILL START

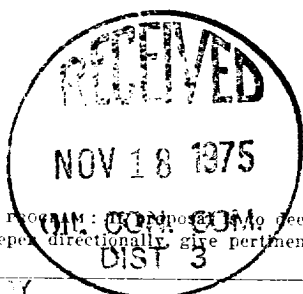
11-15-75

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"	24.0#	300'	200 sacks, circulated / surface
7 7/8"	4 1/2"	10.5#	TD	400 sacks

It is intended to drill this well to a depth sufficient to penetrate the Dakota Formation using rotary tools and a fresh water gel - chemical mud as a circulating media. Electric logs will be run to TD and, if a completion is attempted, casing will be run to total depth and cement circulated above the Gallup formation. Productive formations will be perforated and sand water fractured if necessary



RECEIVED

NOV 17 1975

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposed to drill or 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. CRITICAL CHECKED BY
DAVE M. R. JAS, JR.

SIGNED

TITLE Petroleum Geologist

DATE 11-14-75

(This space for Federal or State office use)

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 1-1-66

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

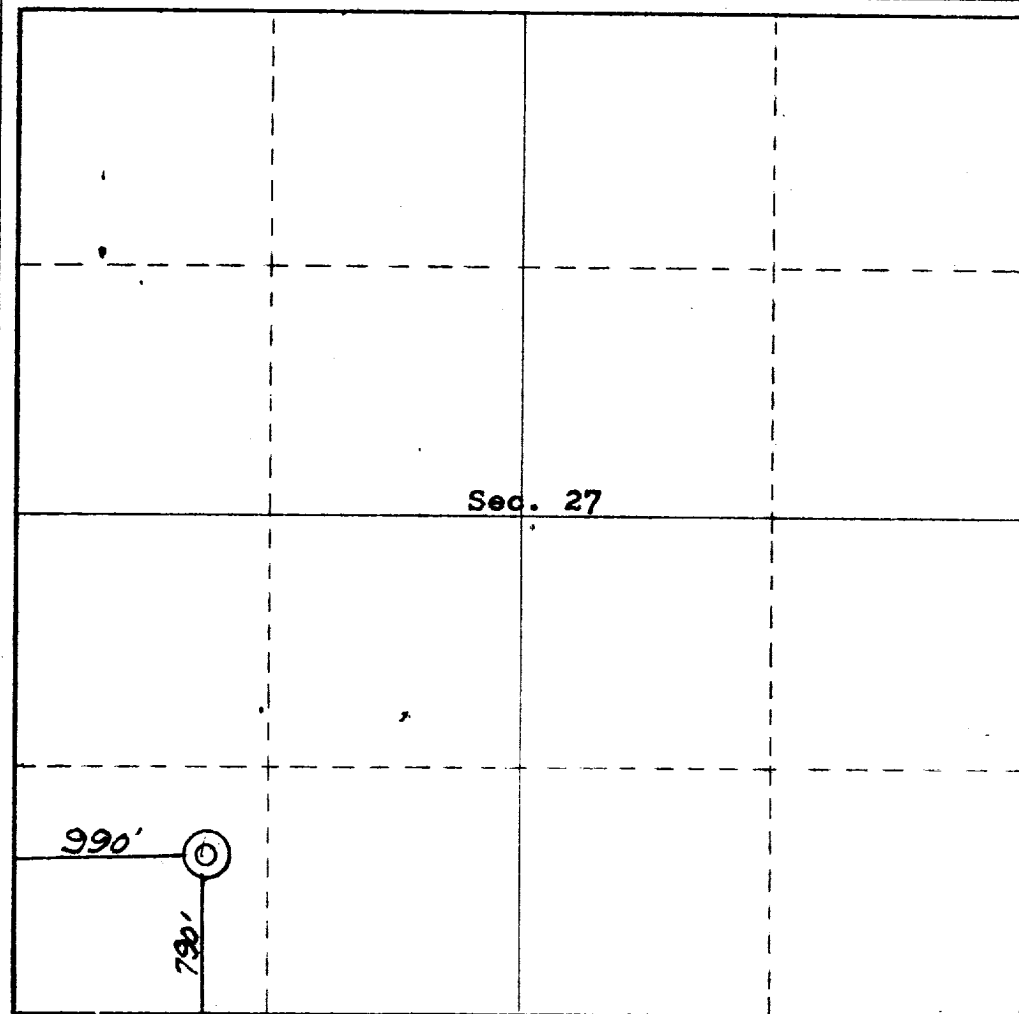
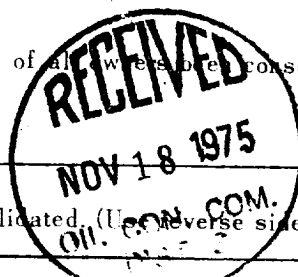
Operator TESORO PETROLEUM CORPORATION			Lease LOS DOS FEDERAL		Well No. 1
Unit Letter M	Section 27	Township 25 NORTH	Range 13 WEST	County SAN JUAN	
Actual Footage Location of Well: 790 feet from the SOUTH line and 990 feet from the WEST line					
Ground Level Elev. 6250.0	Producing Formation DAKOTA	Pool WILDCAT		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 leases 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.

ORIGINAL SIGNED BY
DAVE M. THOMAS, JR.

Name

Dave M. Thomas, Jr.

Position

Petroleum-Geologist,

Company

Tesoro Petroleum Corp.

Date

11-14-75

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

27 September, 1975

Registered Professional Engineer
and/or Land Surveyor

James P. Leese

JAMES P. LEESE

Certificate No.

1463

DAVE M. THOMAS JR.
CERTIFIED PETROLEUM GEOLOGIST
P.O. BOX 701
FARMINGTON, NEW MEXICO 87401

November 14, 1975

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY - FARMINGTON DISTRICT
P. O. Box 959
Farmington, New Mexico 87401

ATTENTION: Mr. P. T. McGrath - District Engineer

REFERENCE: 12 POINT ENVIRONMENTAL PROGRAM - TESORO PETROLEUM CORPORATION:
LOS DOS FEDERAL NO. 1, NW/4, NW/4, Sec. 27, T25N, R13W
SAN JUAN COUNTY, NEW MEXICO

Gentlemen:

In compliance with governmental requirements, Tesoro Petroleum Corporation respectfully submits the following environmental data to accompany the application for permit to drill the above referenced test well.

- (1) Access to location: south on Bisti road 23 miles, east on main road 3 miles, southwest on main road 2 miles, south on access road 250 feet - as indicated by attached regional map and vicinity maps.
- (2) Existing roads to be utilized to within 250 feet of drillsite from which point a minimum width access road to be prepared to the wellsite.
- (3) Well location as shown on attached survey plat and map.
- (4) Lateral road to well location as described in item (2).
- (5) If oil or gas production is established, a tank battery with sufficient production facilities would be installed northeast of said well.
- (6) Water will be trucked to location from nearest available source. Water will be trucked from Chaco Wash, 15 miles to the southwest.
- (7) A reserve pit and burn pit will be utilized for waste disposal. Trash will be buried 4 feet below surface.
- (8) No camps are planned.
- (9) No airstrips are planned.

- (10) Location layout is indicated on attached plat furnished by drilling contractor.
- (11) Following drilling, mud pits will be fenced, allowed to dry, and filled with surface soil previously evacuated; the balance of the location except for wellhead site, battery site, and minimum amount of access road (in the event of a producer) will be restored to its original condition, as much as practicable.
- (12) The location is located on a sandy flat used as pasture land with no major rivers or tributaries in the immediate vicinity. The location is approximately 7 miles north northeast of the Bisti Trading Post.

Yours very truly,

TESORO PETROLEUM CORPORATION

CERT. MAIL 5010 11/15/75
DAVE M. THOMAS, JR.

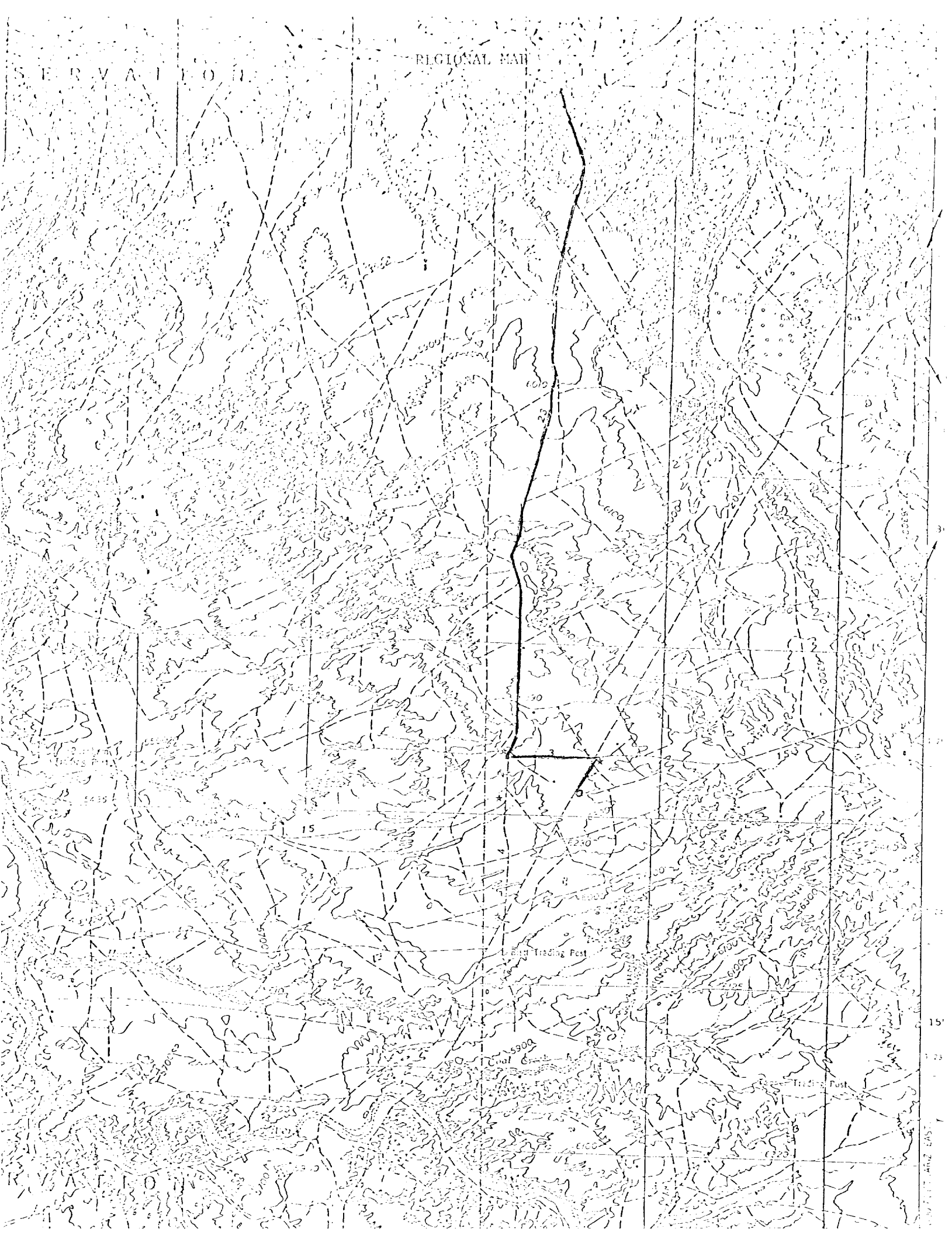
Dave M. Thomas, Jr.
Consulting Petroleum Geologist

DMT:jr

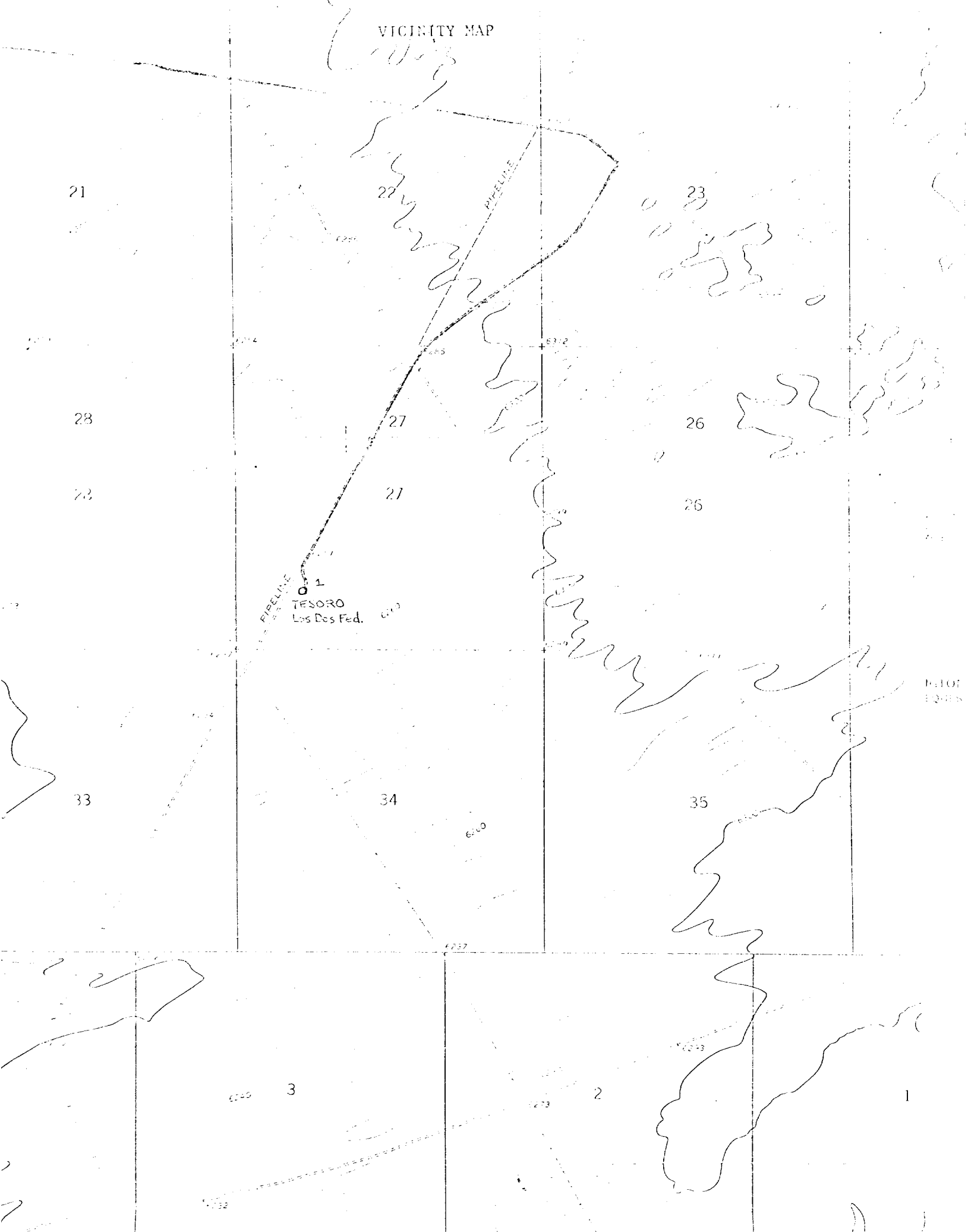
Attachments

S E R V A T I O N

REGIONAL MAP



VICINITY MAP



1925

CITY AND TOWNSHIP

Trans. Am. Microsc. Cop. Soc.

[illegible]

01701212, Jan. 10, 1973

Se. No. 100270

1000

WATER TANK
550 BBL.S.
12' X 35'

5' X 35'
5' X 35'
5' X 35'

FUEL
TANK
3' X 15'

OIL RACK
3' X 15'

DOG
HOUSE
3' X 12'

E-37 IDECO
10' X 40'

8' X 20'
8' X 20'

550 GAL. S. MUD PIT
5' X 55'

PIPE RACKS

PIPE BASKET
8' X 45'

PIPE BASKET
8' X 35'

PIPE RACKS

110'

50'

SCALE: 1" = 20'

Figure 2
Location of Los Dos Federal #1

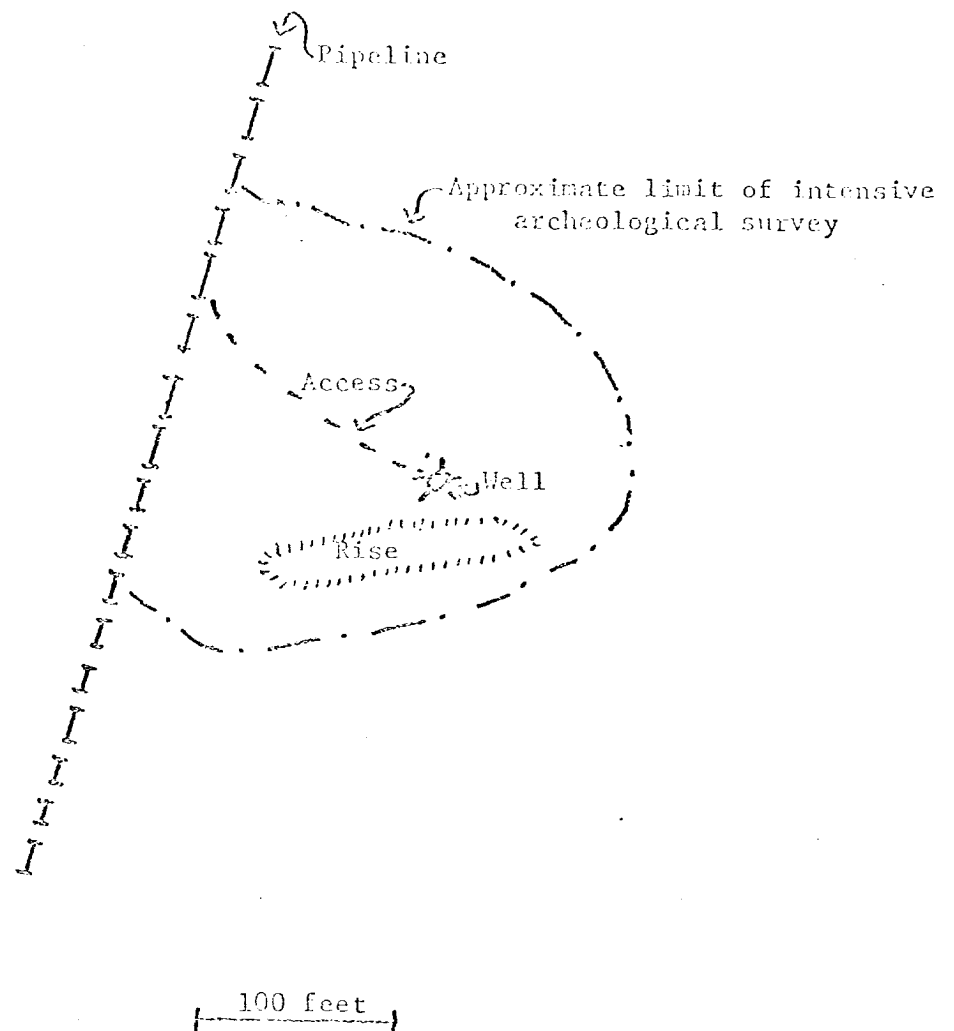
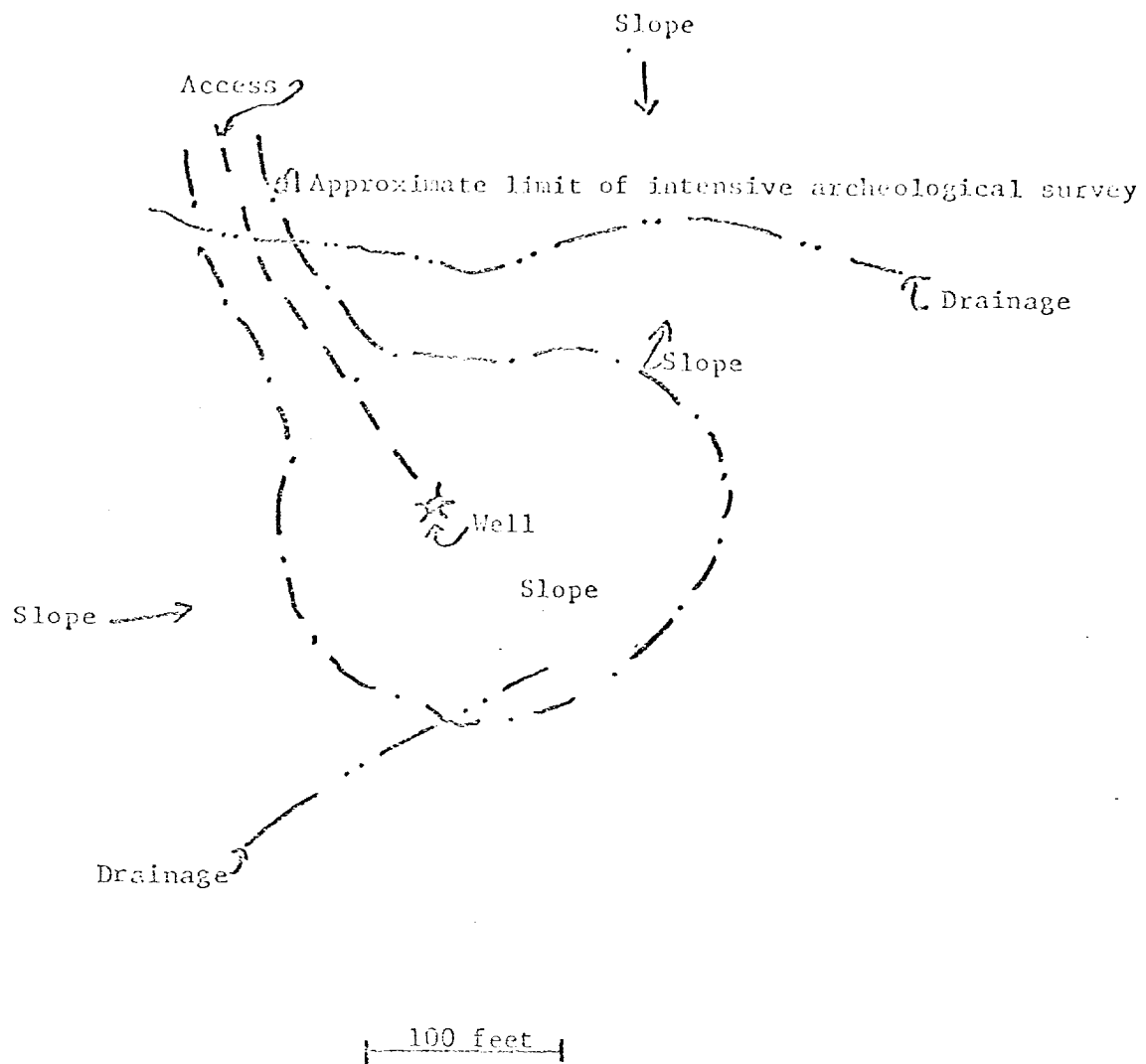


Figure 3
Location of Santa Fe Federal #1



This is a detailed topographic map of a region, likely in Mexico, showing proposed well locations. The map is overlaid with a grid and features numerous contour lines indicating elevation. Key labels include 'Los Dos Pedes' in the upper right, 'Nariz' in the lower right, and 'AN RESERVATION' in the lower left. A title 'Location of Proposed Wells' is centered at the top. The map shows various geographical features, including hills, valleys, and what appears to be a river or stream winding through the center. Numerous small circles and dots are scattered across the map, representing the proposed well locations. The map is oriented with North at the top.

Archeological Survey of Proposed Well Locations
Los Dos Federal # 1 and Nariz Federal # 1
Conducted for Tesoro Petroleum Corporation

This survey was conducted on 10 October and 17 October 1975 by R. B. Grove of New Mexico State University (Federal Antiquities Permits 75-HM-013 and 75-HM-018). In each case the area to be disturbed by construction of the well location and access road was visually inspected on foot. In neither case was anything found to indicate that the proposed construction will have either direct or indirect adverse effects on cultural resources. In both cases the mineral rights involved are controlled by the Bureau of Land Management. The wells are to be located in San Juan County, New Mexico.

Proposed well Los Dos Federal # 1 to be located 790 feet from the South line and 990 feet from the West line of Section 27, Township 25 North, Range 13 West:

This well is located on a sandy flat about 150 feet East of an existing pipeline. Access to the location will be from the North along the pipeline. The principal vegetation at the site is rice grass, galleta, blue gramma, and Mormon tea.

Proposed well Nariz Federal # 1 to be located 865 feet from the North line and 900 feet from the West line of Section 30, Township 24 North, Range 12 West:

This well is located near the middle of a large badland area South of Hunter Wash. Access to the location will be from the North in part along an existing seismograph trail and partly along drainage channels. The total length of the access route is approximately 1.5 miles. The only vegetation at the location is a small amount of an unidentified dry herb.

Archeological Survey of Proposed Well Locations
Los Dos Federal # 1 and Nariz Federal # 1
Conducted for Tesoro Petroleum Corporation

I certify that this survey
was conducted by a qualified
archeologist.



R. B. Grove
Coordinator of Contract
Archeology

San Juan Campus
New Mexico State University
17 October 1975