

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
The Eastland Oil Company

3. ADDRESS OF OPERATOR
704 Western United Life Building, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
1930 feet from North line, 330 feet from the East line
At proposed prod. zone
3220

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
1-1/2 miles Southwest of Torreon Trading Post, New Mexico

10. DISTANCE FROM PROPOSED* **330' from lease line**
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. **330' from unit line**
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE
640

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. **First well**

19. PROPOSED DEPTH
1650

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6528' GR

22. APPROX. DATE WORK WILL START*
March 15, 1974

| 23. PROPOSED CASING AND CEMENTING PROGRAM | | | | |
|---|----------------|-----------------|---------------|-------------------------|
| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
| 10" | 8 5/8" | 24 | 30' | Sufficient to circulate |
| 6 3/4" | 5" | 13 | 1650 | 100 sacks |

It is planned to drill this test to a depth of 1650 feet to the
Point Lookout formation using a small rotary rig.

ILLEGIBLE



RECEIVED

FEB 19 1974

U. S. GEOLOGICAL SURVEY
DURHAM, N. C.

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 George P. Neal TITLE Superintendent DATE Feb. 15, 1974

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY [Signature] TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

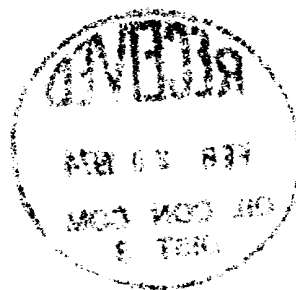
Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.



**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 EASTLAND OIL COMPANY | | | Lease Petco-Federal | | Well No. 1 |
| Unit Letter H | Section 19 | Township 18N | Range 4W | County Sandoval | |
| Actual Footage Location of Well: 1980 feet from the North line and 330 feet from the East line | | | | | |
| Ground Level Elev. 6528 | Producing Formation Point Lookout | | Pool Wildcat | | 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.

| | |
|-------------------------|--|
| | <p align="center">CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> |
| | <p>Name <u>George D. Neal</u></p> <p>Position Superintendent</p> <p>Company The Eastland Oil Company</p> <p>Date February 15, 1974</p> |
| <p align="center"> </p> | <p>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.</p> |
| | <p>Date Surveyed November 16, 1973</p> <p>Registered Professional Engineer and/or Land Surveyor <u>Fred B. Kern Jr.</u></p> <p>Certificate No. 3950</p> |

DEVELOPMENT PLAN FOR

SURFACE USE

This development plan is attached to Application to Drill a test located 1980 feet from the North line and 330 feet from the East line of Section 19, T18N, R4W, Sandoval County, New Mexico. The test is to be designated as Petco-Federal #1 on Federal lease number NM-2781.

This test is to be drilled with a small rotary rig to a depth of approximately 1650 feet.

1. Existing Roads and Exit

Attached to this statement is a copy of USGS topographic map designated as Map #1. The locatable reference point is Torreon Trading Post, New Mexico in Section 16, T18N, R4W. The main access road is a paved road from San Luis, New Mexico passing through Torreon. The exit from this road is approximately 1/8 mile west of Torreon Trading Post South on an existing road and then Southwest one and one-half miles to the location. These roads are shown on Map #1.

2. Planned Access Roads

No new roads are planned for this location. Access can be made from existing roads.

3. Location of Existing Wells

Map #1 shows location of wells drilled within a two-mile radius of the proposed location.

4. Lateral Roads to Well Locations

See Map #1.

5. Location of Tank Batteries and Flow Lines

The tank battery will be located approximately 200 feet Southwest of the location and the flow line will be direct from the well to the battery. This location is marked on Map #1 with a red "T".

6. Location and Type of Water

Fresh water will be hauled to drill this test.

7. Methods of Handling Waste Disposal

Upon completion of the test, all waste material will be placed in the pit, covered over and buried.



8. Location of Camps

No camps are anticipated. Crews will drive to and from work daily.

9. Location of Airstrips

No airstrip will be constructed.

10. Location of Layout

Map #2 shows the position of the rig, pits, racks and houses. The immediate area is flat and the pad will not need to be surfaced or compacted.

11. Restoration of the Surface

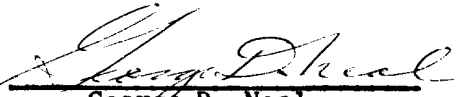
Upon completion of operations, the surface will be cleared of all waste, pits filled, and leveled.

12. Additional Information

The immediate area will not require any cuts or fills. There is little vegetation.

THE EASTLAND OIL COMPANY

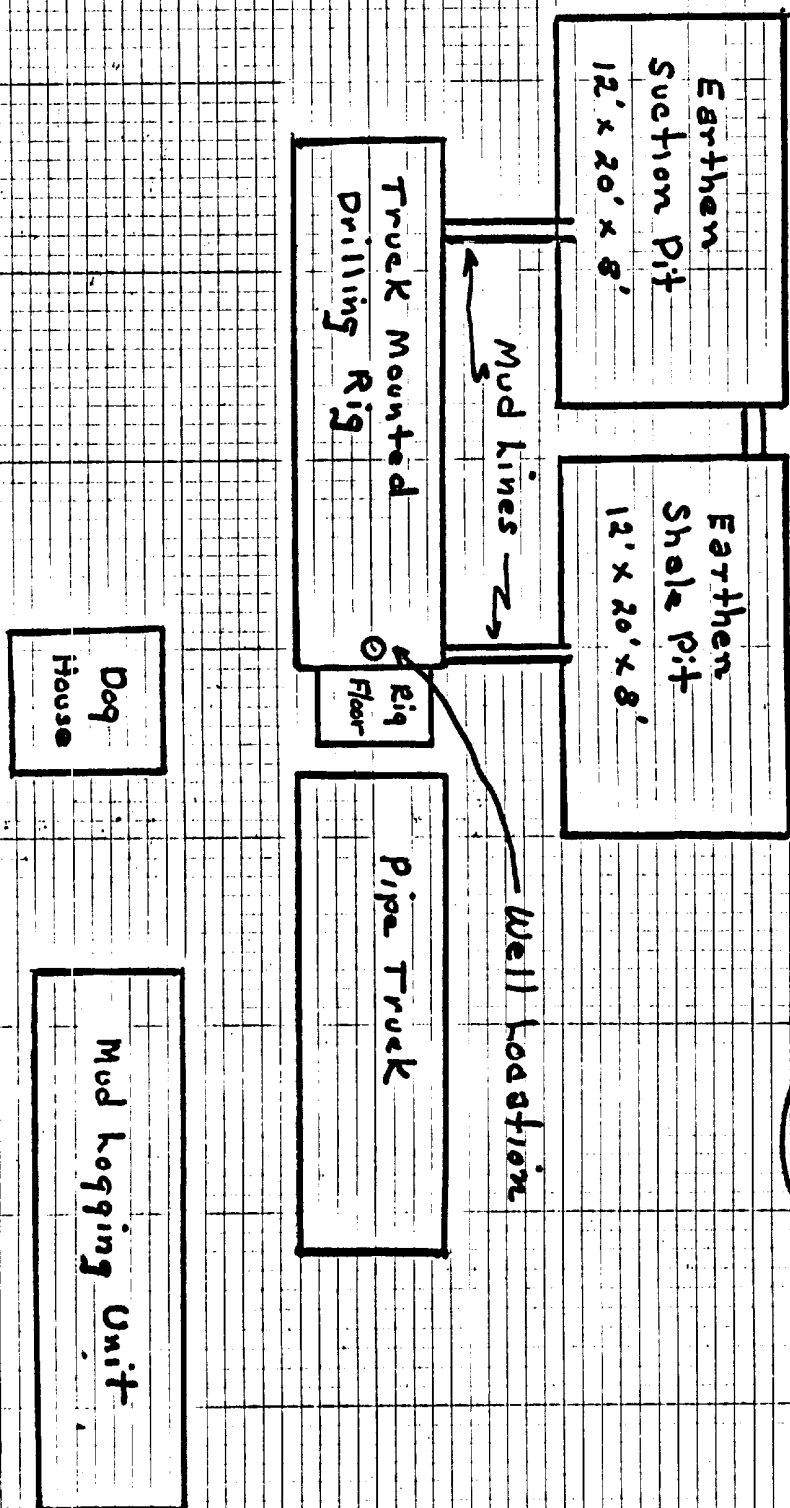
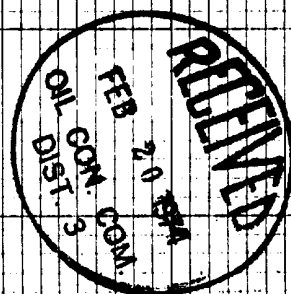
By


George D. Neal
Superintendent
2-15-74

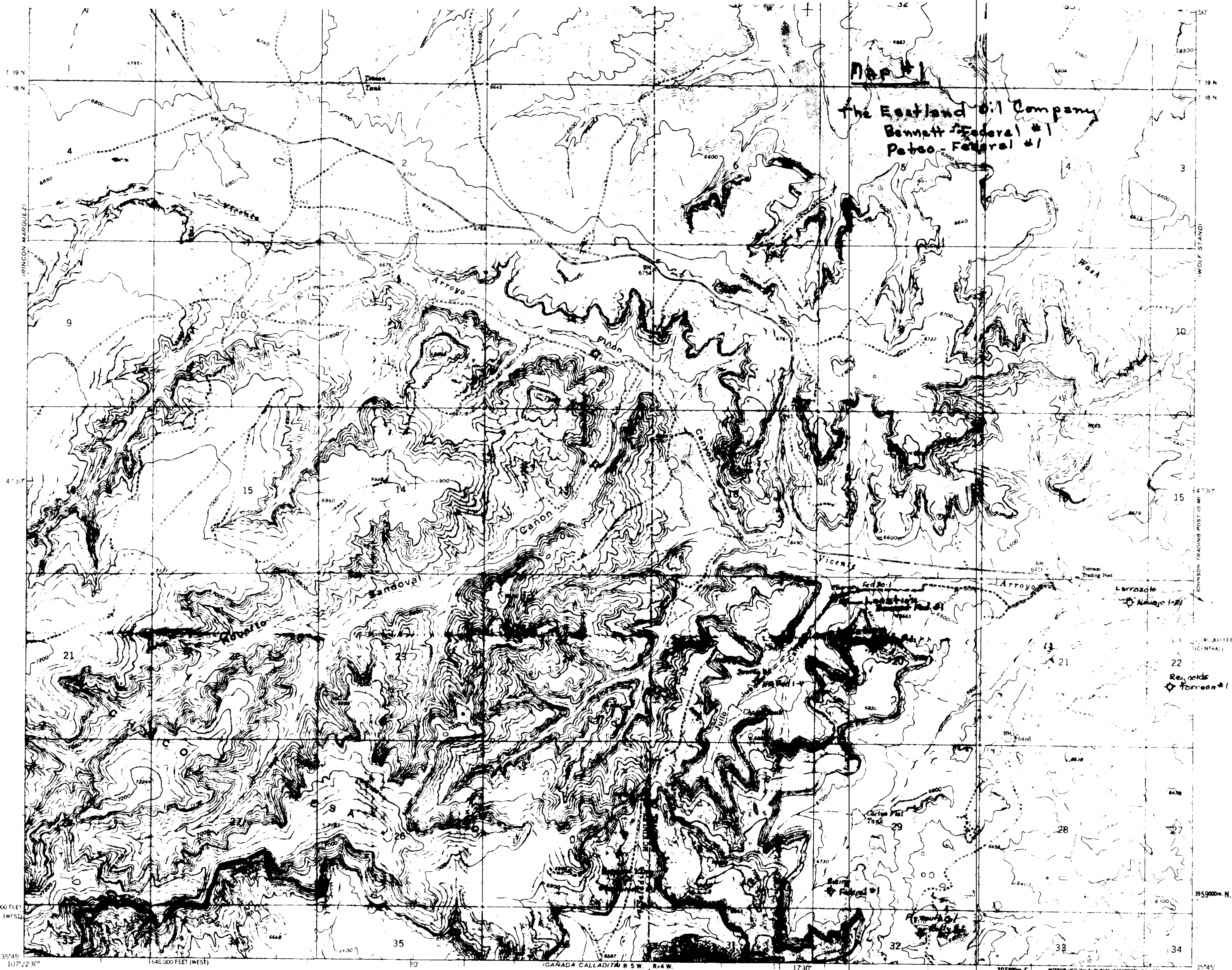


Development Plan for Surface Use The Eastland Oil Company Petco - Federal #1

Map #2



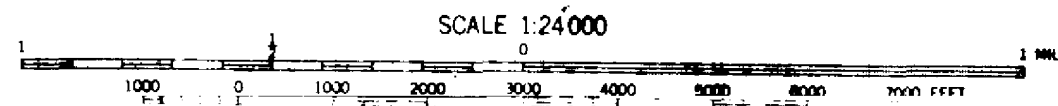
Scale: 1" = 10'



Mapped, edited, and published by the Geological Survey
 Control by USGS and USC&GS

Topography by photogrammetric methods from aerial
 photography, 1955-56.
 10,000 foot grid based on New Mexico coordinate system,
 west and central zones.
 1000 meter Universal Transverse Mercator grid ticks,
 zone 13, shown in blue.

APPROXIMATE MEAN
 DECLINATION, 1961



CONTOUR INTERVAL 20 FEET
 DOTTED LINES REPRESENT 10 FOOT CONTOURS
 DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
 FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D.C.
 A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

NEW MEXICO
 QUADRANGLE LOCATION

TINIAN, N. MEX.
 N3545 W10715/7.5

1961