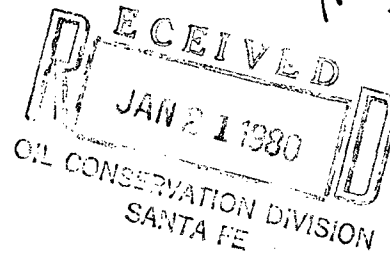




January 15, 1980



*NSL-1143
Rule 104 F
Abo formation
Immediate*

Mr. Joe D. Ramey, Director
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: Barn Federal #1
Sec 12, T8S, R22E
Chaves Co., New Mexico

Dear Mr. Ramey,

Application is hereby made for administrative approval of an unorthodox location rule 104-F due to existent topographical conditions for Mesa Petroleum Co's Barn Federal #1, to be located 2280' FSL and 660' FEL of Section 12, Township 8 south, Range 22 east, Chaves County, New Mexico. This well is planned to test the Abo at a TD of 3500', and will be allocated 160 acres.

Attached please find a topographic map and C-102 showing the orthodox location lying in a draw which could lead to the loss of the location if sufficient water were to flow down the depression. Mesa Petroleum Co has the lease rights for surrounding acreage as shown by the attached land map.

It is requested that an administrative order be issued as soon as possible to allow approval by federal authorities for the drilling of this well.

Very Respectfully,

A handwritten signature in cursive script, appearing to read 'R. E. Mathis'.

R. E. Mathis
Regulatory Coordinator

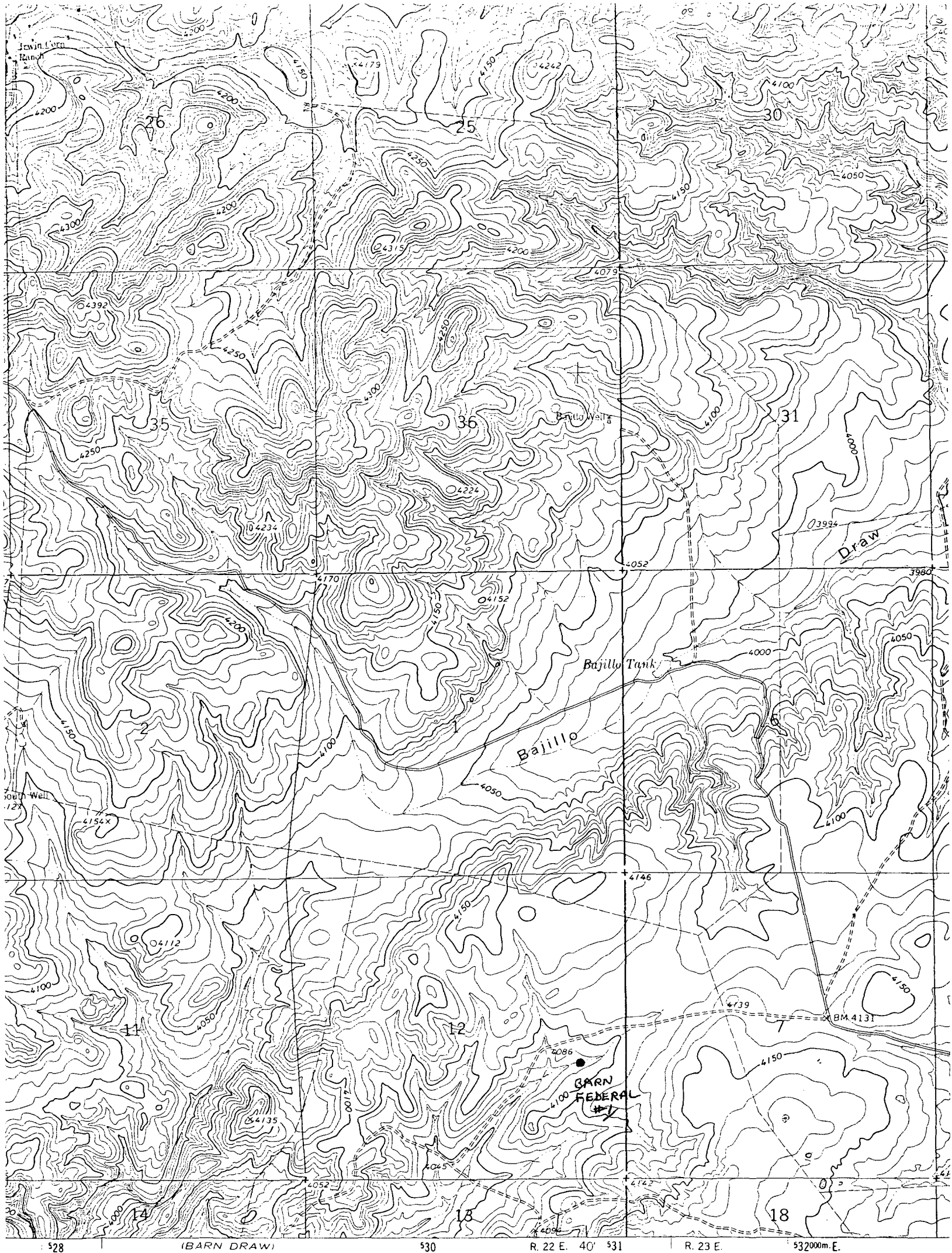
REM/vlh

Attachments

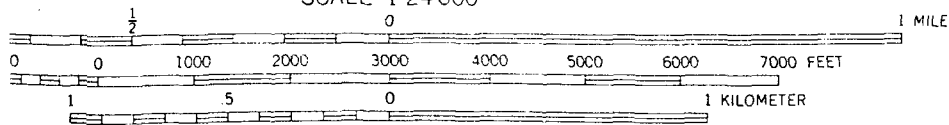
XC: Legal Dept./Amarillo, MEC, TLS, FILE

RECEIVED Form C-102

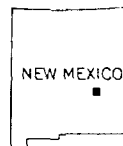




(BARN DRAW)
5051 11 SW
SCALE 1:24000



CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

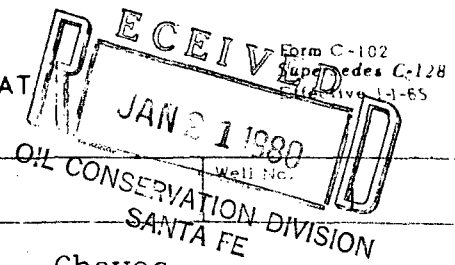


QUADRANGLE LOCATION

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

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

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



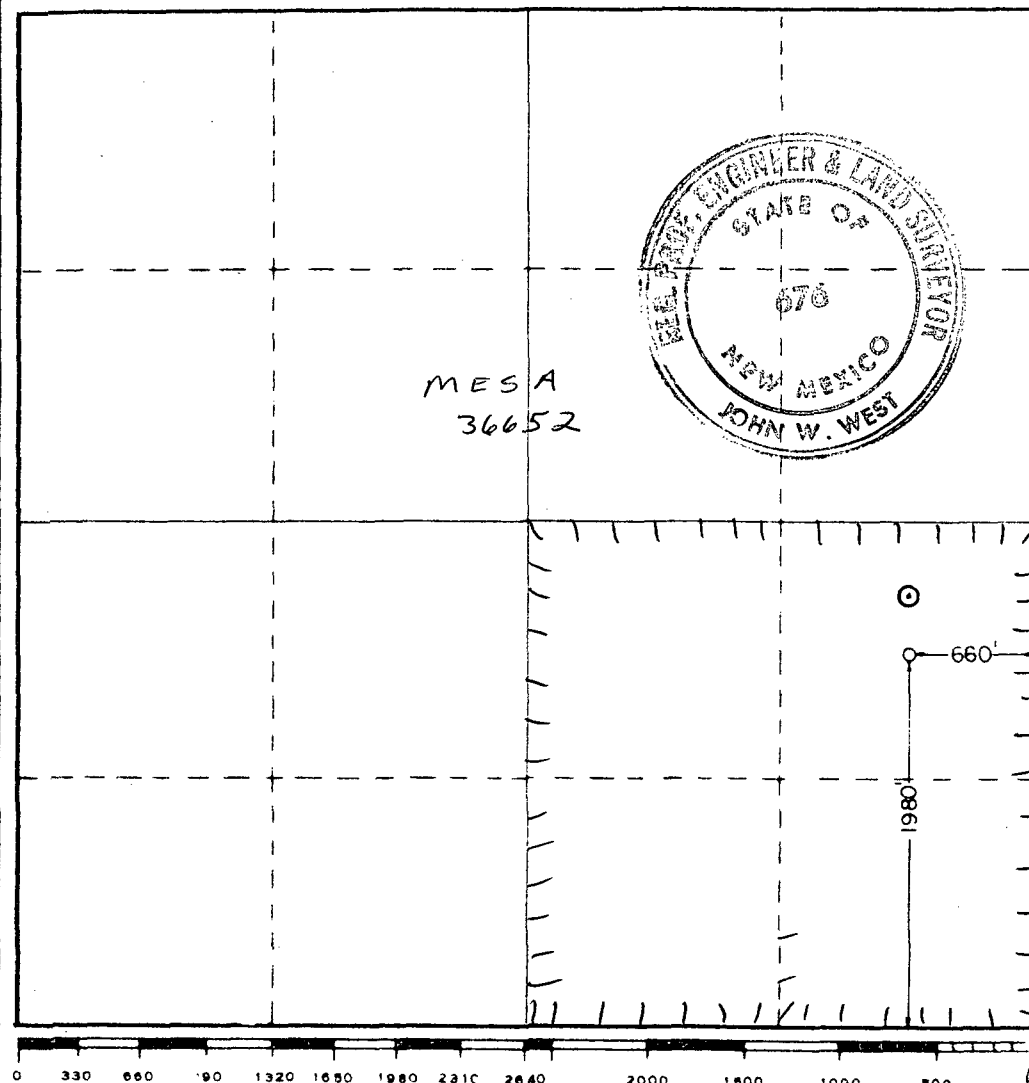
Operator Mesa Petroleum Co.			Lease Barn Federal		
Unit Letter I	Section 12	Township 8 South	Range 22 East	County Chaves	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 1980 feet from the South line and 660 feet from the East line </div>					
Ground Level Elev. 4087.1	Producing Formation Abo		Pool Undesignated		Dedicated Acreage: 160 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.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

R. E. Mathis

Name
R. E. MATHIS
Position
MESA PETROLEUM CO
Company

Date
JANUARY 15, 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
January 8, 1980

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No. **JOHN W. WEST 676**
PATRICK A. ROMERO 6663
Ronald J. Eidson 3239

