



February 12, 1982

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

Subject: Mesa Petroleum Co.
Moore Fed Com #2
1650' FNL & 1114' FWL
Sec 35, T24S, R26E
Eddy County, New Mexico

*Whites City -
Permian Gas*

Dear Mr. Ramey:

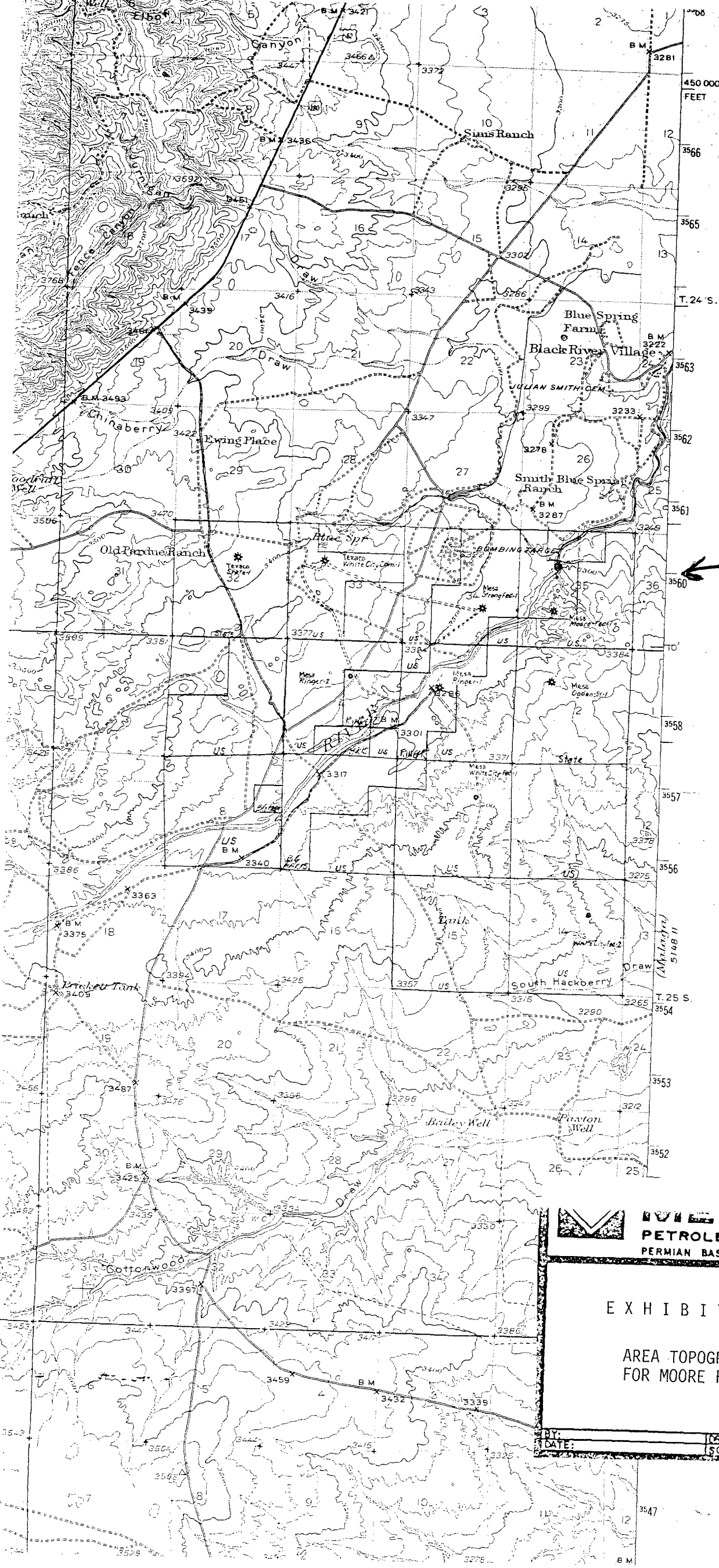
Application is hereby made for administrative approval for an unorthodox location due to topography. Exhibit I is a topographic plat showing the area concerned, Exhibit II is the Form C102 showing mineral and working interest ownership and Exhibit III is a land plat showing offset operators notified by certified mail of this request.

Expeditious handling of this request is appreciated.



Yours truly,
Mesa Petroleum Co.

R. E. Mathis
Regulatory Coordinator
Permian Basin Division

XC: Union, Amoco, Gulf, Allied Chemical, Coquina, Felmont, HBC, Miller,
Clifton



← MOORE FED Com #2



PERMIAN BASIN DIVISION
PETROLEUM CO.
PERMIAN BASIN DIVISION

EXHIBIT I

AREA TOPOGRAPHIC PLAT
FOR MOORE FED COM #2

BY: _____
DATE: _____
DRAWN BY: _____
SCALE: _____

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.

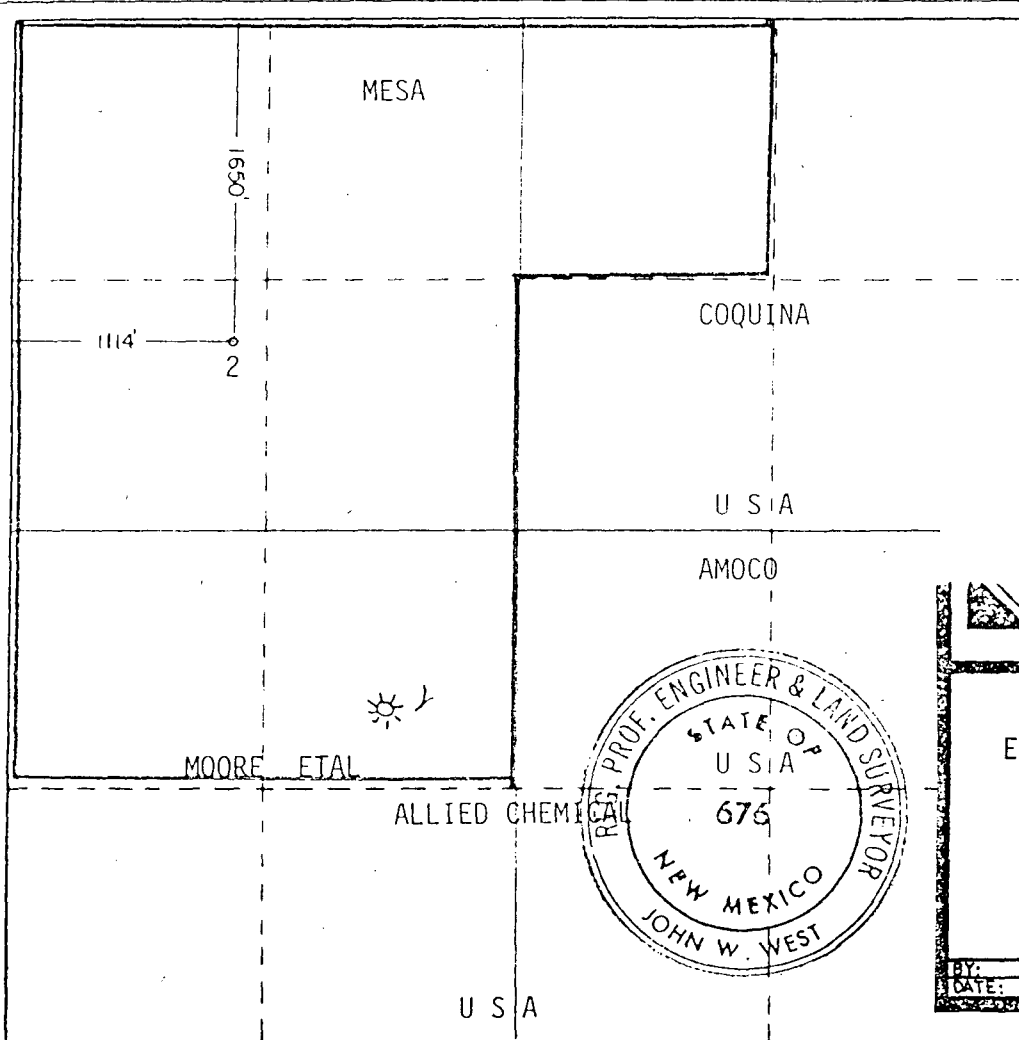
Operator MESA PETROLEUM CO.		Lease MOORE FED COM.		Well No. 2
Unit Letter E	Section 35	Township 24 SOUTH	Range 26 EAST	County EDDY
Actual Footage Location of Well: 1650 feet from the NORTH line and 1114 feet from the WEST line				
Ground Level Elev. 3252.3	Producing Formation MORROW	Pool WHITE CITY PENN	Dedicated Acreage: 640 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 **COMMUNITIZATION**

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

REGULATORY COORDINATOR

Company

MESA PETROLEUM CO.

Date

FEBRUARY 5, 1982

MESA PETROLEUM CO.
PERMIAN BASIN DIVISION

EXHIBIT II

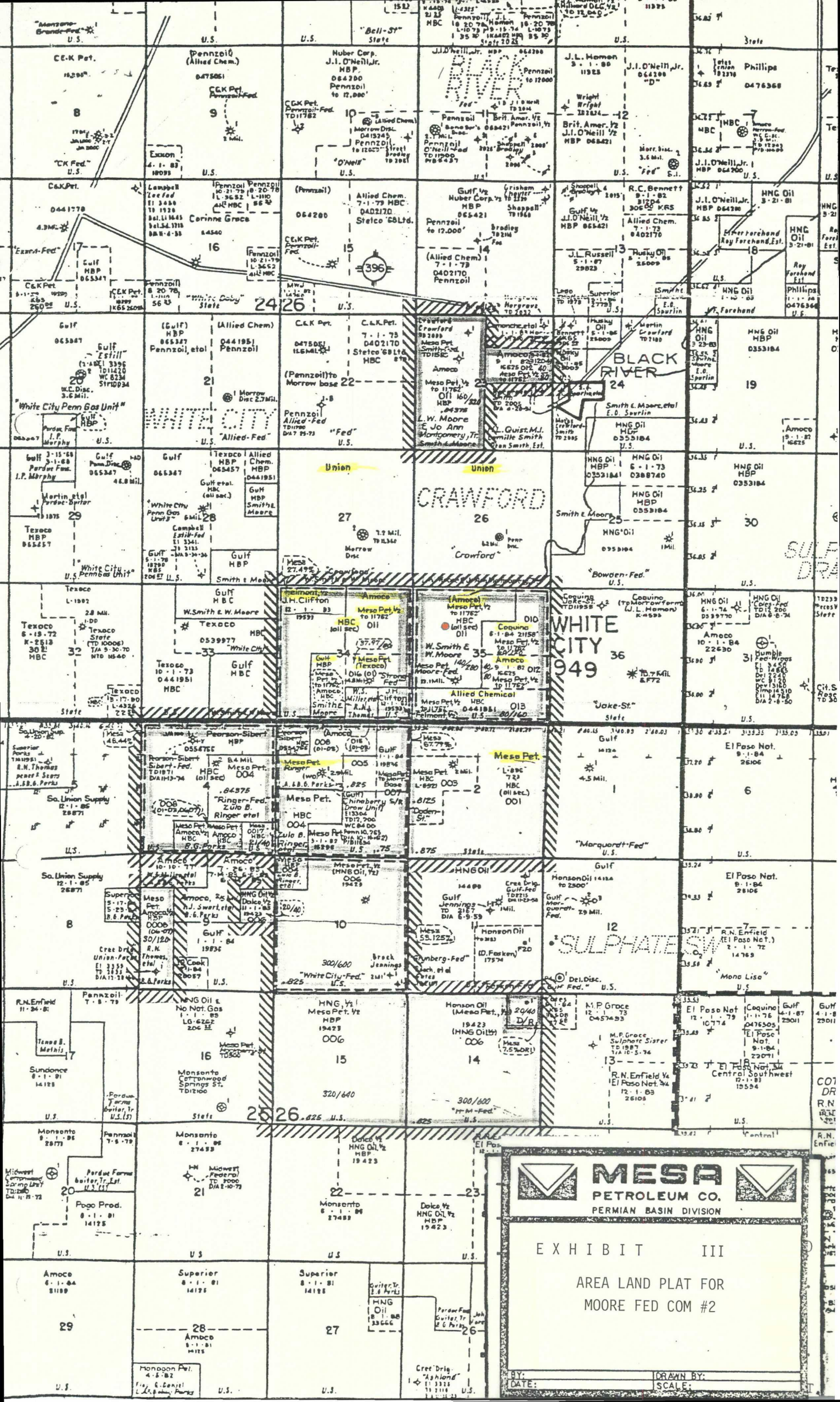
FORM C102 FOR
MOORE FED COM #2

BY:
DATE:

DRAWN BY:
SCALE:

Certificate No. **JOHN W. WEST 675**
PATRICK A. ROMERO 6663
Ronald J. Eidson 3239

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600 6930 7260 7590 7920 8250 8580 8910 9240 9570 9900





IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR

OFFICE OF THE SECRETARY
Minerals Management Service

South Central Region
Roswell District
P.O. Drawer 1857
Roswell, New Mexico 88201

RECEIVED

MAR - 5 1982

O. C. D.
ARTESIA, OFFICE

NM OIL CONSV. COMMISSION
Drawer DD
Artesia, NM 88210

March 3, 1982

Terence E. Fifield
P.O. Box 4334
Portales, New Mexico 88130

Dear Mr. Fifield:

In response to your letter dated March 1, 1982, our records show this to be a private mineral estate not permitted by this office but by the New Mexico Oil Conservation Division in Artesia, New Mexico. By copy of this letter, transmitted herewith, we are sending copies of your letter of concern about possible damage to cultural resources from Mesa Petroleum Company's well No. 2 Moore Federal Com., located at 1650' FNL and 1114' FNL sec. 35, T. 24 S., R. 26 E., Eddy County, New Mexico, to: Bureau of Land Management, Roswell District; State Historic Preservation Officer, Santa Fe, New Mexico; New Mexico Oil Conservation Division, Artesia, New Mexico; and Mesa Petroleum Company, Midland, Texas.

Sincerely yours,

ORIG. SIGNED JAMES A. GILLHAM

James A. Gillham
District Supervisor

cc:
Historical Preservation Bureau
Bureau of Land Management - Roswell
NMOCD - Artesia
Mesa Petroleum

RECEIVED
MAR 3 1982

Terence E. Fifield
P.O. Box 4334
Portales, N.M. 88051
March 1, 1982

MAR - 5 1982

U.S.G.S.
Roswell Office
P.O. Drawer 1857
Roswell, New Mexico 88201

OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

O. C. D.
ARTESIA, OFFICE

Dear Sir;

I would like to call your attention to a potentially destructive situation concerning Mesa Petroleum Co. well Moore Federal Com. #2: located at 1650 FNL 1114 FWL, Sec 35, T24S, R26E, Eddy County, N.M. I am a professional archaeologist working in southeastern New Mexico and hold a B.S. in geology. I was asked by W.D. and Cecil Bounds of Black River Village to examine this area and to evaluate its cultural resources and the potential for damage.

There are three factors to be discussed herein: 1) the presence of archaeological remains in the immediate vicinity, 2) the environmental fragility of the area, and 3) the use of the waterfall and surrounding area as a private recreational site.

Eight early period historic dugouts have been noted on the terrace edge overlooking a small spring and the Black River. Of these, five were recorded by me on February 23, 1982. The northeasternmost dugout is located 100 feet south of the southeast corner of the proposed pad. The remainder are located to the southwest within a distance of 550 feet (see the attached map). The dugouts are in good condition in that they are not collapsed and have not been extensively potted. Historic ceramics, porcelain, and glass are noted in association with the dugouts.

There is a low knoll which runs from approximately 300 southwest of the southwest corner of the pad in a southwesterly direction for an undetermined distance. There is a prehistoric site located atop this knoll which can be assigned to the Jornada Mogollon by the presence of Three Rivers Red on Terracotta ceramics. Decortication flakes of red chert and red quartzite are also recorded. Both of the temporal components noted above have been partially collected by local residents in the past, however there is good potential for in situ material on and at the base of the colluvial slope below the dugouts.

The greatest hazard is that pad construction and activity will begin a sequence of erosional processes which will eventually result in the destruction of the archaeological sites and local recreational resources. The pad is located on the edge of a flood terrace which is just above an abandoned channel. The slope is to the east-northeast. Construction activities at the site will create a situation in which rain water will be channelled in the direction of the waterfall and the terrace edge. It is unlikely that the impact of this redirection of runoff will be immediately noticeable but within a relatively short time it will result in severe erosion of the terrace edge, redirection of the flow of water from Blue Spring, and disturbance of the local vegetation. The ground surface is made up of decomposed limestone. It will offer little resistance to transportation and solution.

A third consideration is the current use of the area as a recreational site for many of the local residents. Construction of a well at this location will impact the waterfall, the stream feeding it, and the local vegetation and will deprive area residents of a unique natural setting.

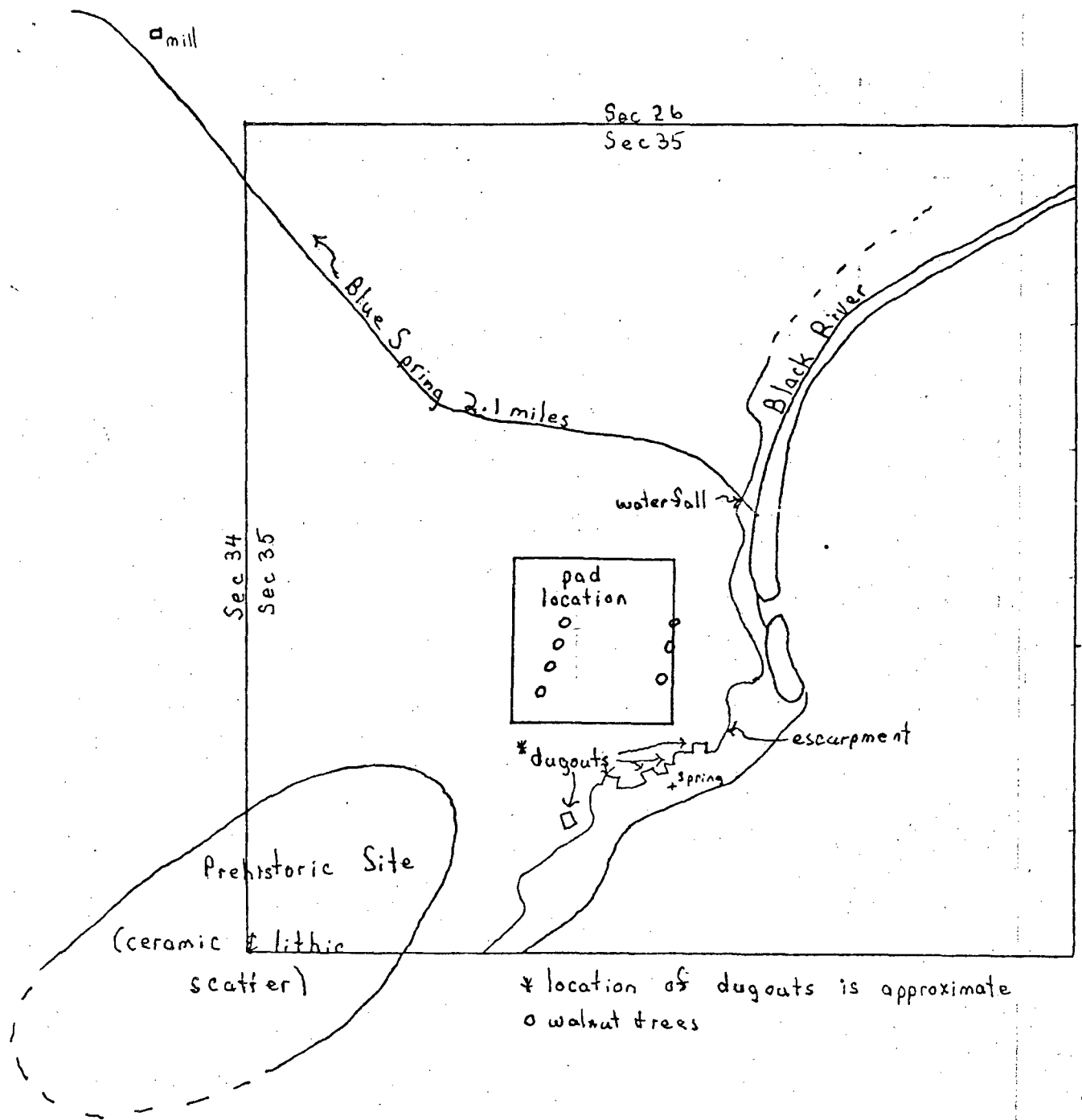
In addition, the surrounding area contains the remnants of several homesteads, a mill, and at least prehistoric ring midden. The Bounds expressed a great deal of concern that if construction of a well pad is unavoidable that it should be constructed so as to cause the least amount of disturbance of the natural and cultural resources as possible. To this end I would suggest that if the area cannot be designated as off limits to drilling that the pad site should be moved as far to the west and north as possible (away from the terrace edge), with care being taken to avoid impeding the flow of water from Blue Spring.

There is a lot of modern, historic, and prehistoric cultural tradition represented in this little piece of land. I hope that we can find a way to resolve the situation in a way that will be beneficial to all concerned. Thank-you for your concern and attention.

Sincerely,

Terence E. Fifield

Terence E. Fifield



Cultural Materials in the Impact
Zone of Mesa Petroleum: Moore Fed
Com #2 (located at 1650 FNL 1114 FWL
Sec 35 T24S R26E, Eddy Cty, NM)

