

104°39'00"W

104°25'25"W

32°35'00"N

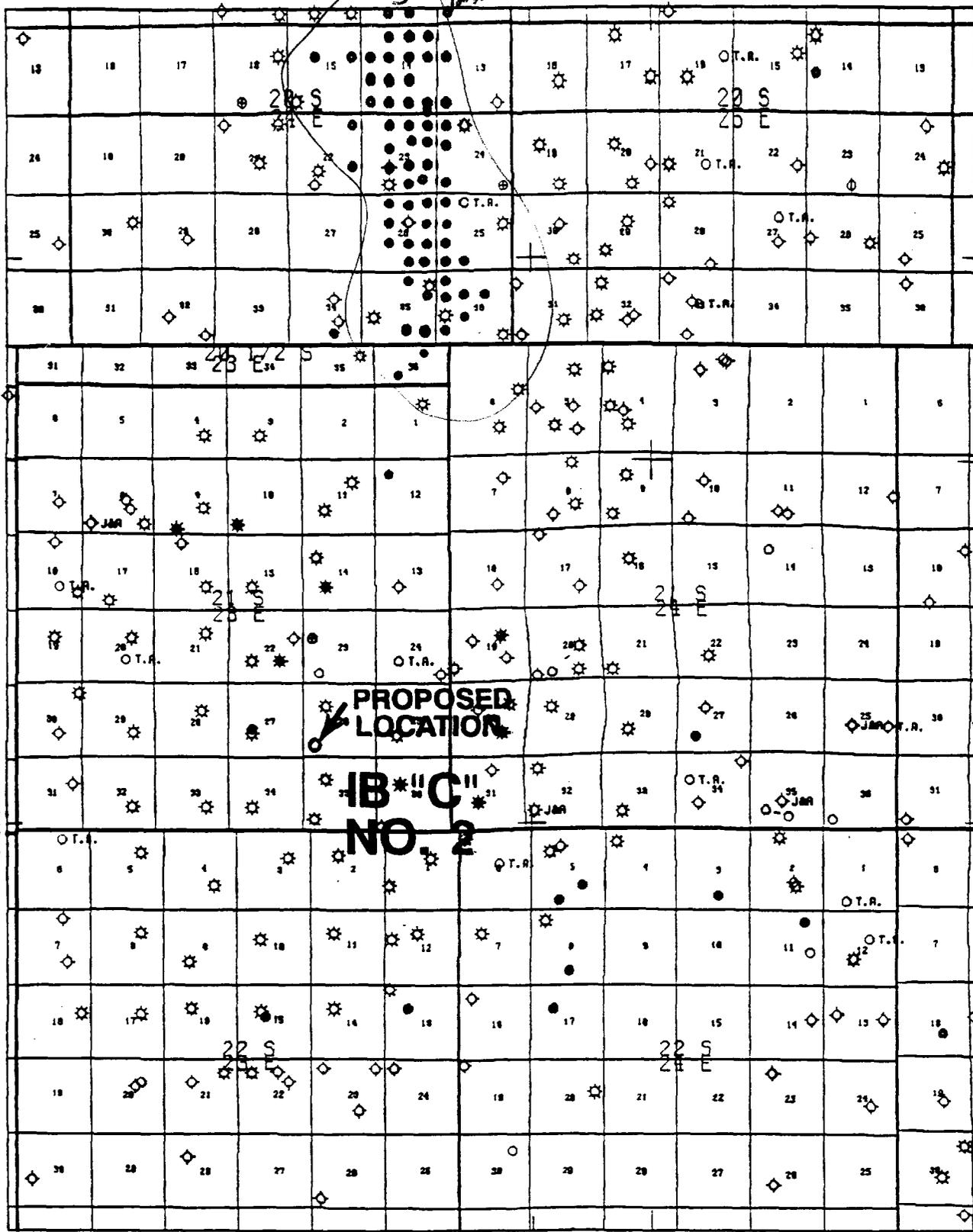
32°35'00"N

560.000

520.000

32°21'00"N

32°21'00"N



Exhibits 1 through 8
Complete set

104°39'00"W

104°30'00"W

104°25'25"W

BEFORE THE OIL CONSERVATION DIVISION
SANTA FE, NEW MEXICO

CASE NO. 11088
EXHIBIT NO. 1
SUBMITTED BY MARATHON OIL COMPANY
MARCH 3, 1994

MARATHON OIL COMPANY

INDIAN BASIN

INDIAN BASIN "C" NO. 2

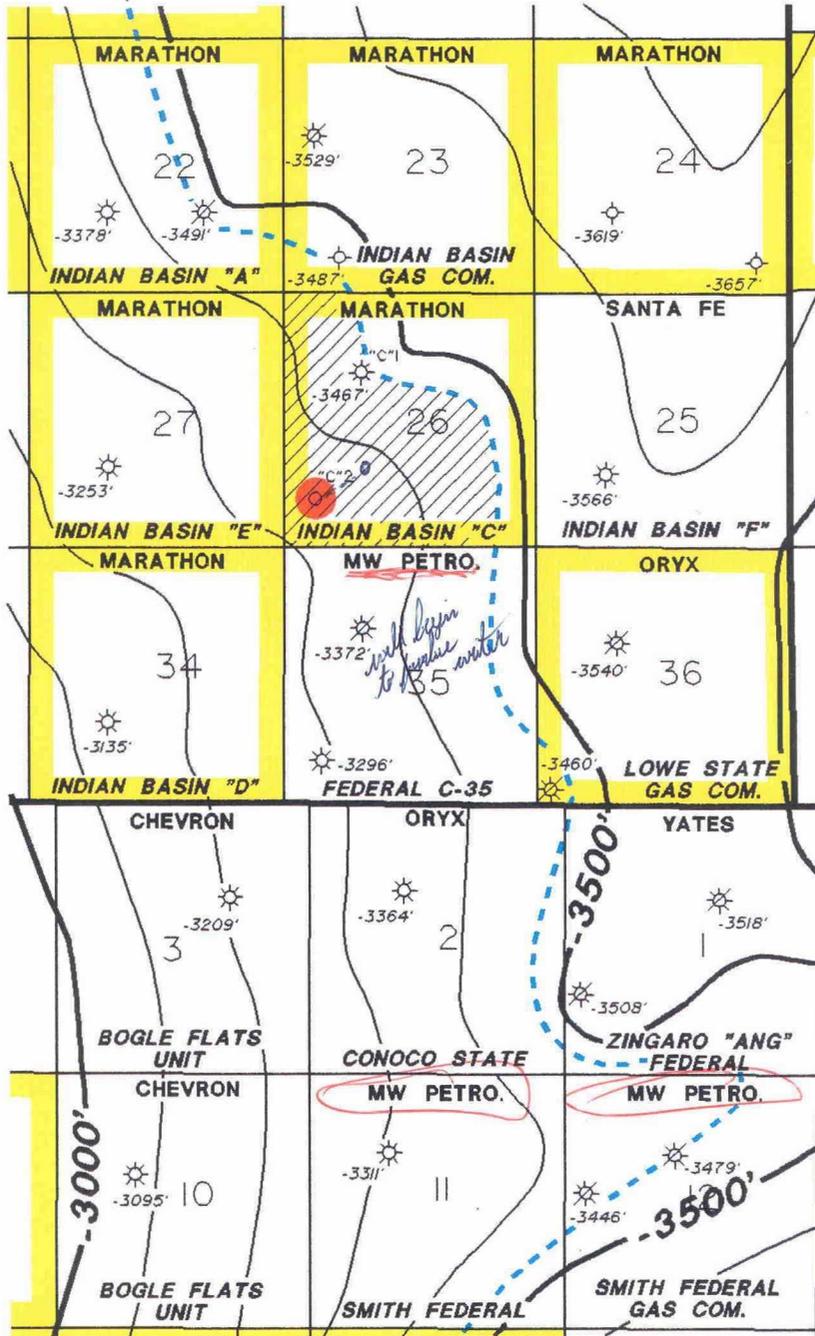
LOCATION MAP

DESIGNED BY	FILED BY
DRAWN BY	FILED BY
CHECKED BY	FILED BY
DATE	DATE

R 23 E

T 21 S

T 22 S



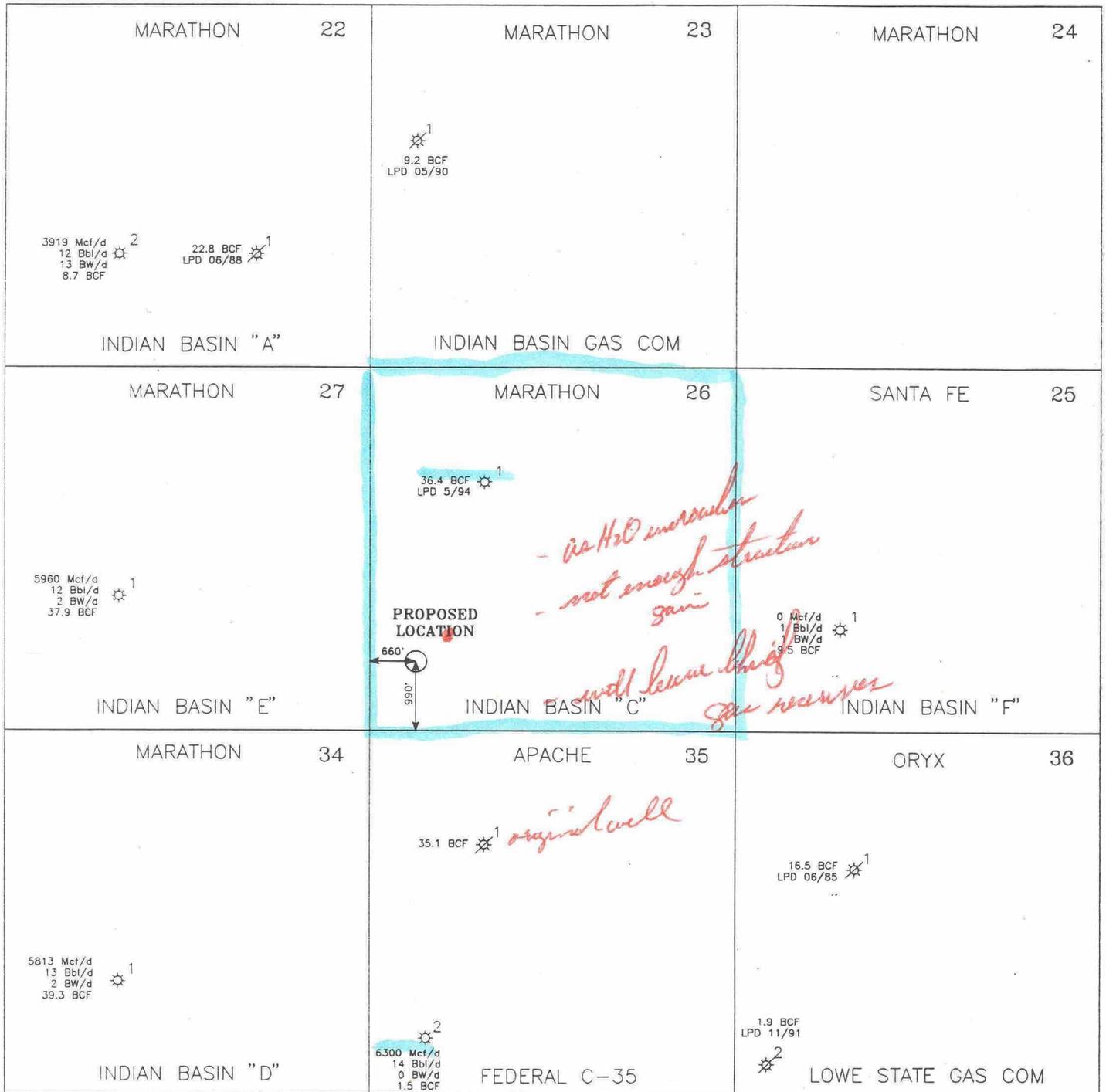
ESTIMATED 415
PRODUCTIVE ACRES

--- APPROXIMATE GWC

BEFORE THE OIL CONSERVATION DIVISION
SANTA FE, NEW MEXICO

CASE NO. 11088
EXHIBIT NO. 2
SUBMITTED BY MARATHON OIL COMPANY
SEPTEMBER 15, 1994

MARATHON OIL COMPANY	MID-CONTINENT REGION
INDIAN BASIN FIELD AREA EDDY COUNTY, NEW MEXICO T/CISCO CARBONATE STRUCTURE MAP (MEMBER IN THE UPPER PENN) C.I. 100'	
ORIGINAL SCALE: 1" = 1000'	DATE: 9/94
AUTHOR: K. MILLER, E. CARLSON	REVISED:
DRAFTED BY:	PROJECT:
FILE LOC.: IBF994.AFE	



UPPER PENN PRODUCTION SUMMARY

Before the Oil Conservation Division
Santa Fe, New Mexico

Case No. 11088

Exhibit No. 5

Submitted by Marathon Oil Company

September 15, 1994

MARATHON OIL COMPANY

INDIAN BASIN - UPPER PENN
Eddy County, New Mexico

PRODUCTION MAP

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE

09/13/94

SEQID: 59

H20-Bb1/D
GAS-Mcf/D
OIL-Bb1/D

1000
10000
100

100
1000
10

10
100
1000

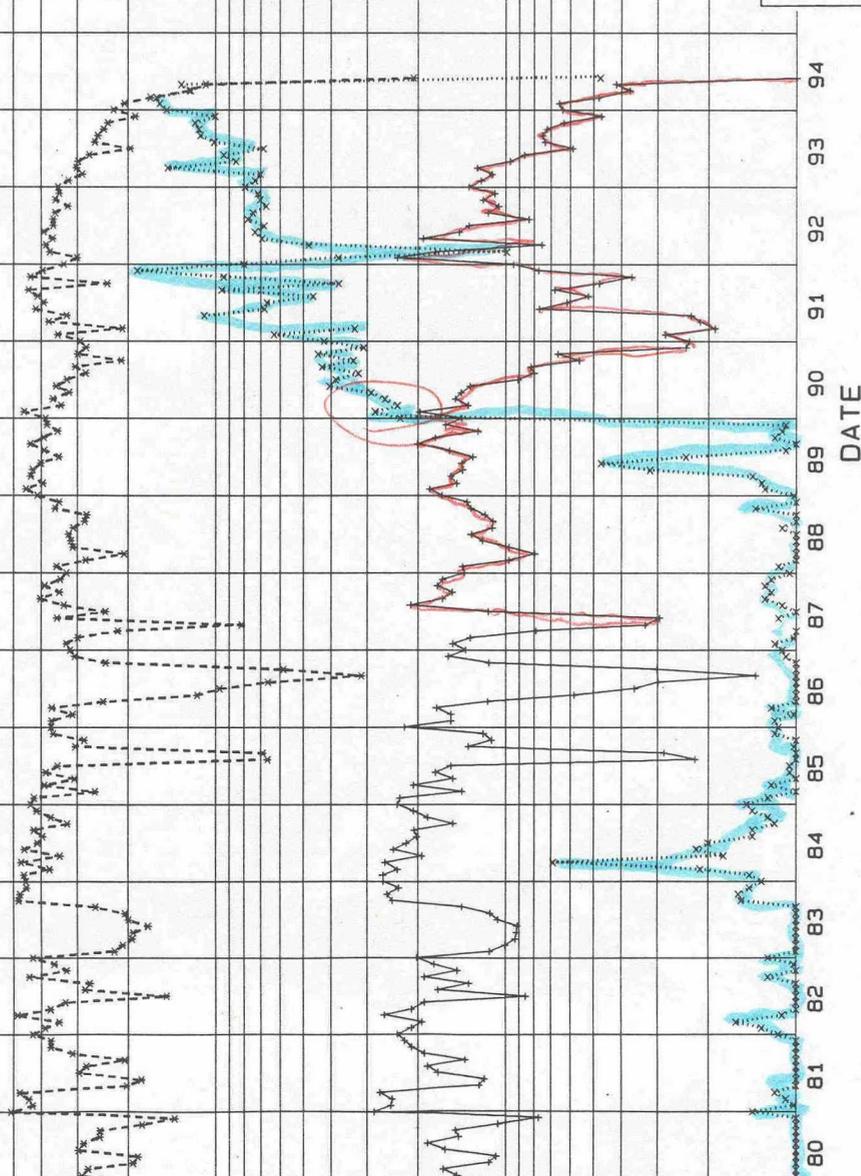
1
10
100

1 INDIAN BASIN C
INDIAN BASIN
UPPER PENN
MARATHON OIL COMPANY
26F-21S-23E
226U

OIL-Bb1/D ---
Ref= 06/94
Cum= 178.707
GAS-Mcf/D ***
Ref= 06/94
Cum= 31918
H20-Bb1/D ***
Ref= 06/94
Cum= 123.618

*no credit of
production in
but not in
consider
quantity*

original well



Before the Oil Conservation Division
Santa Fe, New Mexico

Case No. 11088
Exhibit No. 4
Submitted by Marathon Oil Company
September 15, 1994

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE

**RESULTS FROM UP-DIP REPLACEMENT WELLS
INDIAN BASIN - UPPER PENN FIELD**

<p>LEASE NAME OPERATOR LOCATION OF REPLACEMENT WELL SEC-TWN-RQE</p> <p>REPLACEMENT WELL CUM, BCF REPLACEMENT WELL LIFE, Mos</p> <p>REPLACEMENT WELL INITIAL RATE, Mcf/D REPLACEMENT WELL CURRENT RATE, Mcf/D</p>	<p>Federal C-35 MW PETROLEUM 800' FSL & 800' FWL 35 - 21S - 23E</p> <p>1.2+ 8+</p> <p>7,000 5,500</p>	<p>LOWE STATE ORYX 330' FSL & 330' FWL 36 - 21S - 23E</p> <p>1.89 24</p> <p>4,000 SHUT-IN</p>	<p>SMITH FEDERAL M.O.K. 1650' FSL & 330' FWL 1 - 22S - 23E</p> <p>3.60 42</p> <p>3,000 SHUT-IN</p>
<p>LEASE NAME OPERATOR LOCATION OF REPLACEMENT WELL SEC-TWN-RQE</p> <p>REPLACEMENT WELL CUM, BCF REPLACEMENT WELL LIFE, Mos</p> <p>REPLACEMENT WELL INITIAL RATE, Mcf/D REPLACEMENT WELL CURRENT RATE, Mcf/D</p>	<p>SMITH FEDERAL MW PETROLEUM 2049' FNL & 480' FWL 12 - 22S - 23E</p> <p>0.23 4</p> <p>2,500 SHUT-IN</p>	<p>H. O. C. Federal MW PETROLEUM 330' FNL & 330' FWL 13 - 22S - 23E</p> <p>0.27 8</p> <p>1,800 SHUT-IN</p>	

Before the Oil Conservation Division
Santa Fe, New Mexico

Case No. 11088
Exhibit No. b
Submitted by Marathon Oil Company
September 15, 1994

Mid-Continent Region
Production United States



P.O. Box 662
Midland, TX 79702-0662
Telephone 915/852-1626

September 13, 1994

Before the Oil Conservation Division
Santa Fe, New Mexico

Case No. 11088

Exhibit No. 7

Submitted by Marathon Oil Company
September 15, 1994

NW Petroleum Corporation
C/O Apache Oil Corporation
2000 Post Oak Blvd
Suite 100
Houston, TX 77056

Attn: Ceci Leonard

RE: Request for Waiver of Objection
Indian Basin "C" No. 2
Indian Basin (Upper Penn) Gas Pool
Eddy County, New Mexico

Marathon Oil Company is requesting your waiver of objection to Marathon's application to drill a gas well at an unorthodox location in Section 26 of Township 21-S, Range 23-E, Eddy County, New Mexico.

This application has been set for hearing on September 15, 1994, at the offices of the New Mexico Oil Conservation Division in Santa Fe, New Mexico.

The proposed well will be a replacement gas producer for the Indian Basin "C" No. 1, located in Unit F of said section. This well is no longer capable of producing in commercial quantities due to water production at this location. The proposed replacement well will be located in Unit "F" to the southwest of the original well at a location 990' FSL and 660' FWL of Section 26.

Marathon Oil Company is also requesting that the NMOCD approve an acreage factor of 0.65 for gas allowable purposes.

Numerous unorthodox location permit applications have been approved by the NMOCD in Indian Basin Field over the years. Marathon Oil Company believes that the drilling of this well is necessary to protect the correlative rights of it and its royalty owners. The acreage factor of 0.65 will protect the correlative rights of the offsetting interests.

RLS104.sk

A subsidiary of USX Corporation

MW Petroleum Corporation
Request for Waiver of Objection
Indian Basin "C" No. 2
Page No. 2

If you have no objections to Marathon Oil Company's drilling and producing this unorthodox location, please sign and return one copy of this letter in the enclosed envelope. Should you have any questions regarding this matter, please call Rod Steward at (915) 687-8279.

Sincerely yours,

Rodney L. Steward

R. L. Steward, P.E.
Marathon Oil Company

MW Petroleum / Apache Corporation
Name of Company

Arthur Seabrook Leonard 9/14/94
Representative's Signature and Date

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

BEFORE EXAMINER STOGNER
OIL CONSERVATION DIVISION
CASE NO. Marathon EXHIBIT NO. 8
11088

IN THE MATTER OF THE HEARING CALLED
BY THE OIL CONSERVATION DIVISION
FOR THE PURPOSE OF CONSIDERING:

CASE NO. 11088

Application of Marathon Oil
Company for an Unorthodox Well
Location, Eddy County, New Mexico.

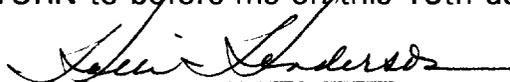
**CERTIFICATE OF MAILING
AND
COMPLIANCE WITH ORDER R-8054**

W. THOMAS KELLAHIN, attorney in fact and authorized representative of Marathon Oil Company, states that the notice provisions of Division Rule 1207 (Order R-8054) have been complied with, that Applicant has caused to be conducted a good faith diligent effort to find the correct addresses of all interested parties entitled to receive notice, that on the 23rd day of August 1994 I caused to be sent, by certified mail return receipt requested, notice of this hearing and a copy of the application for the referenced case along with the cover letter, at least twenty days prior to the hearing set for September 15, 1994, to the parties shown in the application as evidenced by the attached copies of receipt cards, and that pursuant to Division Rule 1207, notice has been given at the correct addresses provided by such rule.



W. Thomas Kellahin

SUBSCRIBED AND SWORN to before me on this 13th day of
September, 1994.



Notary Public

My Commission Expires: June 15th, 1998

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach **Marathon/Indian** does not p August 23, 1994
- Write "F" for **Marathon/Indian** and the **Marathon/Indian** number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. Addressee's Address

2. Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Mr. Thomas C. Lowry, Esq.
Marathon Oil Company
PO Box 552
Midland, Texas 79702

4a. Article Number
321 036 820

4b. Service Type
 Registered Insured
 Certified COD
 Express Mail Return Receipt for Merchandise

7. Date of Delivery
AUG 25 1994

5. Signature (Addressee)

6. Signature (Agent)
Jim Tanker

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1991 *U.S. GPO: 1993-352-714 **DOMESTIC RETURN RECEIPT**

Thank you for using Return Receipt Service.

P 321 036 820

Receipt for Certified Mail
No Insurance Coverage Provided
Do not use for International Mail (See Reverse)

Sent to
Mr. Thomas C. Lowry, Esq.
Marathon Oil Company
PO Box 552
Midland, Texas 79702

Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

3800, June 1991
Marathon/Indian
August 23, 1994

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach **Marathon/Indian** does not p August 23, 1994
- Write "F" for **Marathon/Indian** and the **Marathon/Indian** number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. Addressee's Address

2. Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Ceci Leonard
Apache Corporation
2000 Post Oak Blvd.
Suite 100
Houston, Texas 77056-4400

4a. Article Number
321 036 819

4b. Service Type
 Registered Insured
 Certified COD
 Express Mail Return Receipt for Merchandise

7. Date of Delivery
8/25/94

5. Signature (Addressee)

6. Signature (Agent)
C. Perez

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1991 *U.S. GPO: 1993-352-714 **DOMESTIC RETURN RECEIPT**

Thank you for using Return Receipt Service.

P 321 036 819

Receipt for Certified Mail
No Insurance Coverage Provided
Do not use for International Mail (See Reverse)

Sent to
Ceci Leonard
Apache Corporation
2000 Post Oak Blvd.
Suite 100
Houston, Texas 77056-4400

Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

3800, June 1991
Marathon/Indian
August 23, 1994