

DATE IN	SUSPENSE	ENGINEER	LOGGED IN	TYPE	APP NO.
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ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
 - Engineering Bureau -  
 1220 South St. Francis Drive, Santa Fe, NM 87505



**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Application Acronyms:**

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]
- [A] Location - Spacing Unit - Simultaneous Dedication  
 NSL  NSP  SD
- Check One Only for [B] or [C]
- [B] Commingling - Storage - Measurement  
 DHC  CTB  PLC  PC  OLS  OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
 WFX  PMX  SWD  IPI  EOR  PPR
- [D] Other: Specify \_\_\_\_\_

For Reference #  
 pKRVD-122754393  
 Marathon Oil Co.  
 Bertha Barber #10  
 SEP - 6 2001  
 OIL CONSERVATION DIVISION

- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or ~~Does Not Apply~~
- [A]  Working, Royalty or Overriding Royalty Interest Owners
- [B]  Offset Operators, Leaseholders or Surface Owner
- [C]  Application is One Which Requires Published Legal Notice
- [D]  Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E]  For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F]  Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Thomas P Kacir      Thomas P Kacir      Production Engineer      9-5-01  
 Print or Type Name      Signature      Title      Date

TPKacir@MarathonOil.com  
 e-mail Address

122754393 NSL 9/4/01

Houston Division  
Production Operations, United States



P.O. Box 2490  
Hobbs, New Mexico 88240  
Telephone 505/393-7106

August 2, 2001

RE: **Application to Simultaneously Dedicate  
Eumont Gas Pool Production**

RE: **Request for Exception to Rule 104  
Application for Non-Standard Gas Well Location  
for the Eumont Gas Pool  
Bertha Barber Well No. 10  
Unit Letter L, 1980' FSL & 560' FWL  
Section 5, T-20-S, R-37-E  
Lea County, New Mexico**

OIL CONSERVATION DIV.  
01 AUG 15 AM 11:06

Mr. Michael Stogner  
State of New Mexico  
Oil Conservation Division  
1220 S. Saint Francis Drive  
Santa Fe, New Mexico 87505

Dear Mr. Stogner:

Marathon Oil Company request administrative approval for a Non-Standard Gas Well Location in the Eumont Gas Pool for Bertha Barber Well No. 10. This well has been a Monument Blinebry oil producer since 1952 (initial completion). Recently, the Blinebry pool in this well has become uneconomical to produce. The Eumont is the last producing pool Marathon has before plugging and abandoning the well.

We also respectfully requests authorization to simultaneously dedicate this well to the non-standard Eumont Gas Proration Unit (R-576) which consist of 320 acre. This non-standard gas proration unit is comprised of the S/2 of SW/4 in Section 32, T-19-S, R-37-E and NW/4 in Section 5, T-20-S, R-37-E and N/2 of SW/4 in Section 5, T-20-S, R-37-E in Lea County, New Mexico.

Current Orders are:

R-576, apply to the 320 acre non-standard gas proration unit.

SD-94-1.1, applies to the simultaneous dedication of the 320 acre non-standard gas proration unit.

The wells on this lease to be simultaneously dedicate to this non-standard gas proration unit for the Eumont Gas Pool Production are:

Bertha Barber Well No. 4	API No. 30-025-05909	NSL-3203 (SD)
Bertha Barber Well No. 8	API No. 30-025-05913	
Bertha Barber Well No. 10	API No. 30-025-05915	
Bertha Barber Well No. 11	API No. 30-025-05916	NSL approved along with R-576
Bertha Barber Well No. 13	API No. 30-025-32384	
Bertha Barber Well No. 14	API No. 30-025-	
Bertha Barber Well No. 15	API No. 30-025-32532	

The Bertha Barber Well No. 6 was plugged and abandon in March 1999 and should be dropped from the simultaneous dedication order. This lease consist of 320 acres.

Attached are C-102's for each well showing the locations and footage for the seven wells. Also we have sent this same information to the offset operators. If you have any questions or have need of additional data, please contact me at (505) 393-7106 ext. 207.

Sincerely,

*Thomas P. Kacir*

Thomas P. Kacir <sup>dykc</sup>  
Production Engineer

**OFFSET OPERATORS**  
**Lease NM - 314 - B. Barber**  
**S/2 of SW/4 in Section 32, T-19-S, R-37-E, N.M.P.M.**  
**NW/2, N/2 of SW/4 in Section 5, T-20-S, R-37-E, N.M.P.M.**  
**Lea County, New Mexico**  
**Monument Field**

**T-19-S, R-37-E**

Section 31: Chevron USA Inc.  
Attn: Ray Vaden  
P.O. Box 1150  
Midland, Texas 79702

Arco Permian  
PO Box 1610  
Midland, TX 79702-1610

Amerada Hess Corp.  
Production Operations – Onshore  
PO Box 2040  
Houston, TX 77252-2040

Section 32: Amerada Hess Corp.

Permian Resources, Inc.  
PO Box 590  
Midland, TX 79702-0590

Texaco Exploration & Production, Inc.  
PO Box 3109  
Midland, TX 79702-3109

Section 33: Amerada Hess Corp.

Penroc Oil Corporation  
PO Box 5970  
Hobbs, NM 88241-0621

Permian Resources, Inc.

Rice Engineering Corp.  
9010 N. County Rd. W.  
Odessa, TX 79764

T-20-S, R-37-E

Section 4: Amerada Hess Corp.

Exxon Corporation  
P.O. Box 4697  
Houston, Texas 77210-4697

Matador Petroleum Corp.  
415 W. Wall, Suite 1101  
Midland, TX 79701-4410

Section 5: Amerada Hess Corp.

Doyle Hartman  
PO Box 10426  
Midland, TX 79702-7426

Rice Engineering Corp.

Texaco Exploration & Production, Inc.

Section 6: Amerada Hess Corp.

Chevron USA, Inc.

Doyle Hartman

Gruy Petroleum Management Company  
1601 North Turner  
Hobbs, NM 88240

Section 7: Arco Permian

Conoco, Inc.  
600 N. Dairy Ashford Drive  
Houston, TX 77079-1175

Doyle Hartman

Falcon Creek Resources, Inc.  
621 17<sup>th</sup> Street, Suite 1800  
Denver, CO 80298-0621

Kerr-McGee Corp.  
PO Box 25861  
Oklahoma City, OK 73125-0861

Mirage Energy, Inc.  
Attn: Larry D. Henson  
PO Box 794  
Eunice, NM 88231

Section 8: Amerada Hess Corp.  
Arch Petroleum, Inc.  
801 Cherry Street, Suite 1040  
Ft. Worth, TX 76102-6810

Arco Permian

Chevron USA, Inc.

Doyle Hartman

Falcon Creek Resources, Inc.

Mid-Continent Energy Operating Company  
100 W. 5<sup>th</sup> Street, Suite 450  
Tulsa, OK 74013-4287

Rice Engineering Corp.

Texaco Exploration & Production, Inc.

Section 9: Amerada Hess Corp.

Rice Engineering Corp.

Texaco Exploration & Production, Inc.

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. 1st Street, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-102  
Revised March 17, 1999

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-05915		<sup>2</sup> Pool Code 76480		<sup>3</sup> Pool Name Eumont (Y, SR, QN)	
<sup>4</sup> Property Code 6366		<sup>5</sup> Property Name Bertha Barber			<sup>6</sup> Well Number 10
<sup>7</sup> OGRID No. 014021		<sup>8</sup> Operator Name Marathon Oil Company			<sup>9</sup> Elevation GL 3556'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	5	20-S	37-E		1980	South	560	West	Lea

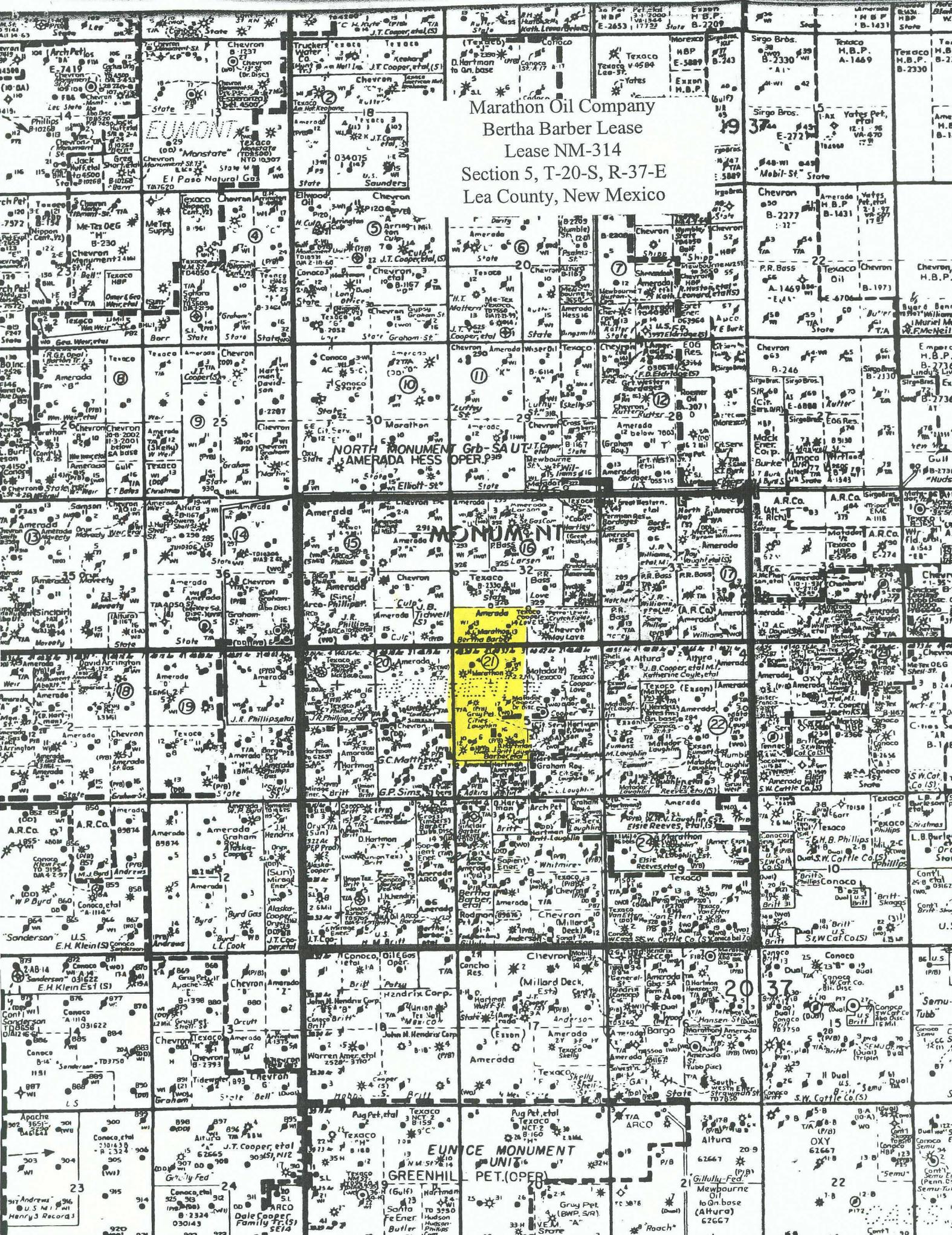
<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres 320		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No.			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<sup>16</sup> M / (Sec. 32) / N / / / / / D		<sup>17</sup> OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>	
	Signature KellyCook		Printed Name Admin. Assistant	
	Title Admin. Assistant		Date Aug 2, 2001	
	Date of Survey		Signature and Seal of Professional Surveyer:	
<sup>18</sup> SURVEYOR CERTIFICATION <i>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 belief.</i>		Certificate Number		

Marathon Oil Company  
Bertha Barber Lease  
Lease NM-314  
Section 5, T-20-S, R-37-E  
Lea County, New Mexico



August 2, 2001

«Company»  
«Address1»  
«Address2»  
«City», «State» «PostalCode»

RE: **Application to Simultaneously Dedicate  
Eumont Gas Pool Production**

RE: **Request for Exception to Rule 104  
Application for Non-Standard Gas Well Location  
for the Eumont Gas Pool  
Bertha Barber Well No. 10  
Unit Letter L, 1980' FSL & 560' FWL  
Section 5, T-20-S, R-37-E  
Lea County, New Mexico**

Ladies and/or Gentlemen:

Marathon Oil Company has filed an application with the New Mexico Oil Conservation division for a non-standard gas well location and to simultaneously dedicate Eumont- Yates, 7 Rivers & Queen Pool Production to a 320 acre non-standard gas proration unit. Please find enclosed a copy of the application.

If you are in agreement and waive all objections to the simultaneously dedicated wells, please sign below and mail the original to the NMOCD in the enclosed addressed envelope. Also, please return one copy to Marathon at the letterhead address.

Sincerely,

Thomas P. Kacir  
Production Engineer

Enclosure

Agreed and accepted this \_\_\_\_\_ day of \_\_\_\_\_ 2001

by \_\_\_\_\_, as representative of

---

Houston Division  
Production Operations, United States



P.O. Box 2490  
Hobbs, New Mexico 88240  
Telephone 505/393-7106

*Santa Fe -  
Mike Stone*

August 2, 2001

Mirage Energy, Inc.  
Attn: Larry D. Henson  
PO Box 794  
Eunice, NM 88231

- RE: **Application to Simultaneously Dedicate Eumont Gas Pool Production**
  
- RE: **Request for Exception to Rule 104 Application for Non-Standard Gas Well Location for the Eumont Gas Pool Bertha Barber Well No. 10 Unit Letter L, 1980' FSL & 560' FWL Section 5, T-20-S, R-37-E Lea County, New Mexico**

Ladies and/or Gentlemen: ---

Marathon Oil Company has filed an application with the New Mexico Oil Conservation division for a non-standard gas well location and to simultaneously dedicate Eumont- Yates, 7 Rivers & Queen Pool Production to a 320 acre non-standard gas proration unit. Please find enclosed a copy of the application.

If you are in agreement and waive all objections to the simultaneously dedicated wells, please sign below and mail the original to the NMOCD in the enclosed addressed envelope. Also, please return one copy to Marathon at the letterhead address.

Sincerely,  
*Thomas P. Kacir*  
Thomas P. Kacir  
Production Engineer

Enclosure

Agreed and accepted this 15<sup>th</sup> day of August 2001  
by *Jerry Henson*, as representative of  
*Mirage Energy*



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**GARY E. JOHNSON**  
Governor  
**Jennifer A. Salisbury**  
Cabinet Secretary

8/13/01

**Lori Wrotenbery**  
Director  
Oil Conservation Division

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

RE: Proposed:  
MC \_\_\_\_\_  
DHC \_\_\_\_\_  
NSL   X   \_\_\_\_\_ SD  
NSP \_\_\_\_\_  
SWD \_\_\_\_\_  
WFX \_\_\_\_\_  
PMX \_\_\_\_\_

Gentlemen:

I have examined the application for the:

Bertha Barber # 10-L, 5-2Ds-37e API # 30-025-05915  
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours very truly,

*Chris Williams*  
Chris Williams  
Supervisor, District 1

*New Mexico Oil Conservation Division---Engineering Bureau*  
*Administrative Application Process Documentation*

Date Application Received: 8-15-01

Date of Preliminary Review: 8-30-01  
(Note: Must be within 10-days of received date)

Results: Application Complete  Application Incomplete

Date Incomplete Letter Sent: 8-30-01

Deadline to Submit Requested Information: 9-10-01

Phone Call Date: NA  
(Note: Only applies if requested data is not submitted within the 7-day deadline)

Phone Log Completed? Yes  No

Date Application Processed: Oct. 16<sup>th</sup>

Date Application Returned: \_\_\_\_\_  
(Note: Only as a last resort & only after repeated attempts by the Division to obtain the necessary information to process the application)

- request information submitted on Sept. 6<sup>th</sup>

- final review 10-16/16-2001



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**GARY E. JOHNSON**

Governor

**Jennifer A. Salisbury**

Cabinet Secretary

August 30, 2001

**Lori Wrotenbery**

Director

**Oil Conservation Division**

**Marathon Oil Company**  
P. O. Box 2490  
Hobbs, New Mexico 88240

**Attention: Thomas P. Kacir**

*Re: Administrative application for an unorthodox Eumont infill gas well location for Marathon Oil Company's Bertha Barber Well No. 10 (API No. 30-025-05915), located 1980 feet from the South line and 560 feet from the West line (Unit L) of Section 5, Township 20 South, Range 37 East, NMPM, Eumont Gas Pool, Lea County, New Mexico.*

Dear Mr. Kacir:

This letter acknowledges the receipt of your administrative application dated August 2, 2001 for Marathon Oil Company's existing Bertha Barber Well No. 10 (API No. 30-025-05915), located at an unorthodox infill gas well location 1980 feet from the South line and 560 feet from the West line (Unit L) of Section 5, Township 20 South, Range 37 East, NMPM, Eumont Gas Pool, Lea County, New Mexico, to be included within an existing 320-acre non-standard gas spacing and proration unit ("GPU") comprising the S/2 SW/4 of Section 32, Township 19 South, Range 37 East, NMPM, Lea County, New Mexico and the NW/4 and N/2 SW/4 of Section 5, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico (approved by Division Order No. R-576, dated February 9, 1955.

The Division received this application on August 15, 2001, accepts it as an administrative application, and assigned it NMOCD application reference No. *pKRV0-122754393*. Please refer to this number in future correspondence with the Division.

Our preliminary review indicates that the information provided in the application is not sufficient to process an administrative order. The following information is necessary:

A completed and signed "Administrative Application Checklist", which is now mandatory for such filings.

Since the submitted information is insufficient to review, the application was ruled as incomplete on August 30, 2001. Please submit the above stated information by Monday, September 10, 2001.

The Division cannot proceed with your application until the required information is submitted. Upon receipt, the Division will continue to process your application. The additional information can be faxed to (505) 476-3471, or mailed to the Division in Santa Fe. If the necessary information is not submitted, your application will be returned to you.

Should you have any questions concerning this matter, please contact me in Santa Fe at (505) 476-3465. Thank you.

Sincerely,

Michael E. Stogner

Chief Hearing Officer/Engineer

cc: New Mexico Oil Conservation Division - Hobbs  
W. Thomas Kellahin, Legal Counsel for Marathon Oil Company - Santa Fe  
Walter Ducease, Marathon Oil Company - Midland