



MARATHON OIL COMPANY

PRODUCTION - UNITED STATES AND CANADA

POST OFFICE BOX 552
MIDLAND, TEXAS 79701

March 19, 1969

Mr. A. L. Porter
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Dear Mr. Porter:

Miller Ranch Unit (No. 14-08-001-8976)
Eddy County, New Mexico

On February 17, 1969 Marathon Oil Company wrote a letter concerning the completion of the No. 1 Miller Ranch Unit well, 1650 FSL & 1980 FEL of Section 18, T-22-S, R-25-E, Eddy County, New Mexico. The well was completed from a sand member of the Brushy Canyon section in the Delaware Mountain Group.

Certain confusion arose concerning the completion date of this well; Marathon requested that the date of January 15, 1969 be recognized as the effective date for completion in as far as the Miller Ranch Unit Agreement was concerned. We also need to have confirmation from your office that this date is acceptable. The next activity within the unit will be based on the accepted date of completion for the first well.

If you are in agreement with our request, please reply to Marathon Oil Company, Box 552, Midland, Texas to my attention.

Yours very truly,

MARATHON OIL COMPANY

BJMcM:elr

By B. J. McMichael
B. J. McMichael



MARATHON OIL COMPANY

PRODUCTION - UNITED STATES AND CANADA

P. O. BOX 552
MIDLAND, TEXAS 79701

August 18, 1969

Re: Miller Ranch Unit
(No. 14-08-001-8976)
Eddy County, New Mexico

Oil Conservation Commission
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. A. L. Porter, Jr.

Gentlemen:

Enclosed are three (3) original and one (1) Xerox copies of Termination of Unit Agreement for the Development and Operation of the Miller Ranch Unit, Eddy County, New Mexico, which instrument has been executed by the owners of more than 75 percent of the working interest in such unit on an acreage basis, and approved by the Commissioner of Public Lands of the State of New Mexico.

We would appreciate your approving and returning two (2) original copies of this instrument before we submit same to the United States Geological Survey for similar approval, after which time copies of such approval will be furnished for your file.

Yours very truly,

MARATHON OIL COMPANY

Charles L. Southard *Aut*
District Landman

AWH:r
Encls.

16
8
4
AUG
1969

July 31, 1969

3884

Marathon Oil Company
P. O. Box 552
Midland, Texas 79701

Re: Miller Ranch Unit
TERMINATION
Eddy County, New Mexico

ATTENTION: Mr. Charles L. Southard

Gentlemen:

Your request received July 30, 1969, to terminate the Miller Ranch Unit pursuant to Section 20 (D) of the Unit Agreement for the Development and Operation of the Miller Ranch Unit, is hereby approved, subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

Enclosed are three approved copies as per your request.

Very truly yours,

Ted Bilberry, Director
Oil and Gas Department

TB/ML/s
encls.

cc: USGS-Roswell, New Mexico
OCC- Santa Fe, New Mexico

TERMINATION OF UNIT AGREEMENT FOR THE
DEVELOPMENT AND OPERATION OF THE
MILLER RANCH UNIT, EDDY COUNTY, NEW MEXICO

NO. 14-08-001-8976

KNOW ALL MEN BY THESE PRESENTS:

That the undersigned, being the owners of more than seventy-five (75%) percent on an acreage basis of the working interests in and to oil and gas leasehold interests committed to the Unit Agreement for the Development and Operation of the Miller Ranch Unit Area, Eddy County, New Mexico, dated September 16, 1968, heretofore approved by the Director of the United States Geological Survey, the Commissioner of Public Lands of the State of New Mexico, and the New Mexico Oil Conservation Commission, do hereby agree to terminate said agreement in accordance with Section 20, thereof, subject to the approval of the said Commissioner of Public Lands, the said New Mexico Oil Conservation Commission, and the Director of the United States Geological Survey.

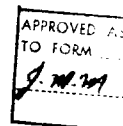
This instrument may be executed in counterparts, no one of which need be executed by all parties.

IN WITNESS WHEREOF, this instrument is executed by the undersigned parties hereto as of the respective dates set opposite their signatures.

MARATHON OIL COMPANY- Unit Operator

DATE: June 30, 1969

BY: Donald W. Franklin
Donald W. Franklin - Division
Exploration Manager



UNION OIL COMPANY OF CALIFORNIA

DATE: _____

BY: _____
Agent and Attorney in Fact

ATLANTIC RICHFIELD COMPANY

DATE: July 11, 1969

BY: L. F. Smith
Attorney in Fact

CITIES SERVICE OIL COMPANY

DATE: _____

BY: _____
Agent and Attorney in Fact

RECORDED
JUL 11 1969
INDEXED

TERMINATION OF UNIT AGREEMENT FOR THE
DEVELOPMENT AND OPERATION OF THE
MILLER RANCH UNIT, EDDY COUNTY, NEW MEXICO

NO. 14-08-001-8976

KNOW ALL MEN BY THESE PRESENTS:

That the undersigned, being the owners of more than seventy-five (75%) percent on an acreage basis of the working interests in and to oil and gas leasehold interests committed to the Unit Agreement for the Development and Operation of the Miller Ranch Unit Area, Eddy County, New Mexico, dated September 16, 1968, heretofore approved by the Director of the United States Geological Survey, the Commissioner of Public Lands of the State of New Mexico, and the New Mexico Oil Conservation Commission, do hereby agree to terminate said agreement in accordance with Section 20, thereof, subject to the approval of the said Commissioner of Public Lands, the said New Mexico Oil Conservation Commission, and the Director of the United States Geological Survey.

This instrument may be executed in counterparts, no one of which need be executed by all parties.

IN WITNESS WHEREOF, this instrument is executed by the undersigned parties hereto as of the respective dates set opposite their signatures.

MARATHON OIL COMPANY- Unit Operator

DATE: _____

BY: _____
Donald W. Franklin - Division
Exploration Manager

UNION OIL COMPANY OF CALIFORNIA

DATE: July 15, 1969

BY: John Hansen
Agent and Attorney in Fact

ATLANTIC RICHFIELD COMPANY

DATE: _____

BY: _____
Agent and Attorney in Fact

CITIES SERVICE OIL COMPANY

DATE: _____

BY: _____
Agent and Attorney in Fact

RECORDED
JUL 22 1969
16 707
12-15-69

TERMINATION OF UNIT AGREEMENT FOR THE
DEVELOPMENT AND OPERATION OF THE
MILLER RANCH UNIT, EDDY COUNTY, NEW MEXICO

NO. 14-08-001-8976

KNOW ALL MEN BY THESE PRESENTS:

That the undersigned, being the owners of more than seventy-five (75%) percent on an acreage basis of the working interests in and to oil and gas leasehold interests committed to the Unit Agreement for the Development and Operation of the Miller Ranch Unit Area, Eddy County, New Mexico, dated September 16, 1968, heretofore approved by the Director of the United States Geological Survey, the Commissioner of Public Lands of the State of New Mexico, and the New Mexico Oil Conservation Commission, do hereby agree to terminate said agreement in accordance with Section 20, thereof, subject to the approval of the said Commissioner of Public Lands, the said New Mexico Oil Conservation Commission, and the Director of the United States Geological Survey.

This instrument may be executed in counterparts, no one of which need be executed by all parties.

IN WITNESS WHEREOF, this instrument is executed by the undersigned parties hereto as of the respective dates set opposite their signatures.

MARATHON OIL COMPANY- Unit Operator

DATE: _____

BY: _____
Donald W. Franklin - Division
Exploration Manager

UNION OIL COMPANY OF CALIFORNIA

DATE: _____

BY: _____
Agent and Attorney in Fact

ATLANTIC RICHFIELD COMPANY

DATE: _____

BY: _____
Agent and Attorney in Fact

CITIES SERVICE OIL COMPANY

DATE: July 17 1969

BY: Sam W. Franklin
Agent and Attorney in Fact
SAM W. FRANKLIN

69 JUL 20 1969

APPROVED BY
Joseph P. Burt
JUL 10 1969
CHICAGO, ILL.
FBI - CHICAGO

PHILLIPS PETROLEUM COMPANY

DATE: July 8, 1969

BY: *Redmond*
Agent and Attorney in Fact

NORTHERN NATURAL GAS PRODUCING COMPANY

DATE: _____

BY: _____
Agent and Attorney in Fact

GULF OIL COMPANY - U.S.A. DIVISION
OF GULF OIL CORPORATION

DATE: _____

BY: _____
Agent and Attorney in Fact

DATE: _____

BY: _____
JAKE L. HAMON

DATE: _____

BY: _____
JOSEPH P. BURT

RECEIVED
JUL 10 1969
FBI - CHICAGO

APPROVED	
JT. INT.	<i>DMC</i>
CONTR.	<i>Ans</i>
N. GAS	<i>Ans</i>
ENGR.	<i>Ans</i>
LEGAL	<i>Ans</i>
LAND	<i>Ans</i>
TITLE R	

PHILLIPS PETROLEUM COMPANY

DATE: _____

BY: _____
Agent and Attorney in Fact

NORTHERN NATURAL GAS PRODUCING COMPANY

DATE: July 23, 1969

BY: *J. S. Wright, Jr.*
Agent and Attorney in Fact

GULF OIL COMPANY - U.S.A. DIVISION
OF GULF OIL CORPORATION

DATE: _____

BY: _____
Agent and Attorney in Fact

DATE: _____

BY: _____
JAKE L. HAMON

DATE: _____

BY: _____
JOSEPH P. BURT

RECEIVED
JUL 30 1969
69. 11. 30 63 707

PHILLIPS PETROLEUM COMPANY

DATE: _____

BY: _____
Agent and Attorney in Fact

NORTHERN NATURAL GAS PRODUCING COMPANY

DATE: _____

BY: _____
Agent and Attorney in Fact

GULF OIL COMPANY - U.S.A. DIVISION
OF GULF OIL CORPORATION

GULF - FILE COPY	
Law	<i>att</i>
Serv.	
Exp.	
Prod.	

DATE: JUL 8 1969

BY: *Pewyche*
Agent and Attorney in Fact

DATE: _____

BY: _____
JAKE L. HAMON

DATE: _____

BY: _____
JOSEPH P. BURT

RECEIVED
JUL 10 1969
GULF OIL CORPORATION

PHILLIPS PETROLEUM COMPANY

DATE: _____

BY: _____
Agent and Attorney in Fact

NORTHERN NATURAL GAS PRODUCING COMPANY

DATE: _____

BY: _____
Agent and Attorney in Fact

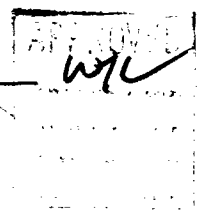
GULF OIL COMPANY - U.S.A. DIVISION
OF GULF OIL CORPORATION

DATE: _____

BY: _____
Agent and Attorney in Fact

DATE: _____

BY: *[Signature]*
JAKE L. HAMON



DATE: _____

BY: _____
JOSEPH P. BURT

RECEIVED
JUL 30 1968
U.S. DEPT. OF COMMERCE
WASHINGTON, D.C.

PHILLIPS PETROLEUM COMPANY

DATE: _____

BY: _____
Agent and Attorney in Fact

NORTHERN NATURAL GAS PRODUCING COMPANY

DATE: _____

BY: _____
Agent and Attorney in Fact

GULF OIL COMPANY - U.S.A. DIVISION
OF GULF OIL CORPORATION

DATE: _____

BY: _____
Agent and Attorney in Fact

DATE: _____

BY: _____
JAKE L. HAMON

DATE: July 31, 1969

BY: Joseph P. Burt
JOSEPH P. BURT

STATE OF TEXAS X
 X
COUNTY OF HARRIS X

The foregoing instrument was acknowledged before me this
1st day of July, 1969, by D. W. Franklin,
Division Exploration Manager of MARATHON OIL COMPANY, an Ohio corporation,
on behalf of said corporation.

Barbara Scheer
Notary Public in and for Harris County,
T e x a s
BARBARA SCHEER
Notary Public in and for Harris County, Texas
My Commission Expires June 1, 1971

My Commission expires _____

STATE OF _____ X
 X
COUNTY OF _____ X

The foregoing instrument was acknowledged before me this
_____ day of _____, 1969, by _____,
_____ of UNION OIL COMPANY OF CALIFORNIA, a
California corporation, on behalf of said corporation.

Notary Public in and for _____

My Commission expires _____

STATE OF NEW MEXICO X
 X
COUNTY OF CHAVES X

The foregoing instrument was acknowledged before me this 11th
day of July, 1969, by S. L. Smith,
Attorney-in-Fact of ATLANTIC RICHFIELD COMPANY, a
Pennsylvania corporation, on behalf of said corporation.

Lorathy L. McFee
Notary Public in and for Chaves County,
New Mexico

My Commission expires July 14, 1971

NOTARY PUBLIC
SANTA FE, N.M.
JUL 25 1969
69.07.25 DE 700

STATE OF TEXAS X
 X
COUNTY OF HARRIS X

The foregoing instrument was acknowledged before me this
_____ day of _____, 1969, by D. W. Franklin,
Division Exploration Manager of MARATHON OIL COMPANY, an Ohio corporation,
on behalf of said corporation.

Notary Public in and for Harris County,
T e x a s

My Commission expires _____

STATE OF Texas X
 X
COUNTY OF Mileland X

The foregoing instrument was acknowledged before me this
15th day of July, 1969, by JOHN HANSEN,
Attorney in Fact of UNION OIL COMPANY OF CALIFORNIA, a
California corporation, on behalf of said corporation.

Elma H. Sloan ELMA H. SLOAN
Notary Public in and for Mileland
County Texas

My Commission expires June 1, 1971

STATE OF _____ X
 X
COUNTY OF _____ X

The foregoing instrument was acknowledged before me this _____
day of _____, 1969, by _____,
_____ of ATLANTIC RICHFIELD COMPANY, a
Pennsylvania corporation, on behalf of said corporation.

Notary Public in and for _____

My Commission expires _____

NOTARY PUBLIC
STATE OF TEXAS
COMMISSION EXPIRES
JUN 1 1971

STATE OF Oklahoma Y
COUNTY OF Washington Y

The foregoing instrument was acknowledged before me this 17th
day of July, 1969, by SAM W. FRANKLIN,
ATTORNEY-IN-FACT of CITIES SERVICE OIL COMPANY, a Delaware corpora-
tion, on behalf of said corporation.

Dora M. Weedman
DORA M. WEEDMAN Notary Public in and for _____
Washington County, State of Oklahoma
My Commission Expires: February 9, 1973
My Commission expires _____

STATE OF _____ Y
COUNTY OF _____ Y

The foregoing instrument was acknowledged before me this _____
day of _____, 1969, by _____,
_____ of GULF OIL COMPANY-U.S.A. Division of Gulf Oil
Corporation, a Pennsylvania corporation, on behalf of said corporation.

Notary Public in and for _____

My Commission expires _____

STATE OF _____ Y
COUNTY OF _____ Y

The foregoing instrument was acknowledged before me this _____
day of _____, 1969, by JAKE L. HAMON.

Notary Public in and for _____

My Commission expires _____

NOTARY PUBLIC
DORA M. WEEDMAN
JUL 30 1969

STATE OF Texas

COUNTY OF Madison

8th day of July, 1969, by Fred Forward

_____, Attorney-in-Fact of PHILLIPS PETROLEUM COMPANY, a Delaware corporation, on behalf of said corporation.

Notary Public in and for Midland

My Commission expires 6-1-71

STATE OF _____)

COUNTY OF _____ X

The foregoing instrument was acknowledged before me this
 day of _____, 1969, by _____

_____, _____ of NORTHERN NATURAL GAS PRODUCING
COMPANY, a _____ corporation, on behalf of said corporation.

Notary Public in and for _____

My Commission expires _____

STATE OF _____)
_____)

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1969, by JOSEPH P. BURT.

Notary Public in and for

My Commission expires

RECEIVED
JAN 30 1969
U.S. AIR FORCE

STATE OF _____
COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1969, by _____, _____ of PHILLIPS PETROLEUM COMPANY, a Delaware corporation, on behalf of said corporation.

Notary Public in and for _____

My Commission expires _____

STATE OF Texas
COUNTY OF Midland

The foregoing instrument was acknowledged before me this 25th day of July, 1969, by E. S. Wright, Jr., Attorney-in-Fact of NORTHERN NATURAL GAS PRODUCING COMPANY, a Delaware corporation, on behalf of said corporation.

Wanda Phillips
Notary Public in and for Midland County, Texas
WANDA PHILLIPS, Notary Public
In and for Midland County, Texas

My Commission expires June 1, 1971

STATE OF _____
COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1969, by JOSEPH P. BURT.

Notary Public in and for _____

My Commission expires _____

RECORDED
JUL 30 3 26 PM '69
SAN ANTONIO, TEXAS

STATE OF _____ I
COUNTY OF _____ I

The foregoing instrument was acknowledged before me this _____
day of _____, 1969, by _____,
_____ of CITIES SERVICE OIL COMPANY, a Delaware corpora-
tion, on behalf of said corporation.

Notary Public in and for _____

My Commission expires _____

STATE OF NEW MEXICO I
COUNTY OF CHAVES I

The foregoing instrument was acknowledged before me this 8th
day of July, 1969, by P. E. WYCHE,
ATTORNEY IN FACT of GULF OIL COMPANY-U.S.A. Division of Gulf Oil
Corporation, a Pennsylvania corporation, on behalf of said corporation.

Don Marie Cooper
Notary Public in and for CHAVES
NEW MEXICO

My Commission expires My Commission Expires August 15, 1970

STATE OF _____ I
COUNTY OF _____ I

The foregoing instrument was acknowledged before me this _____
day of _____, 1969, by JAKE L. HAMON.

Notary Public in and for _____

My Commission expires _____

SANTA FE, N.M.
JUL 30 9 26 AM '69
69 JUL 30 9 26 AM '69

STATE OF _____)
COUNTY OF _____)

The foregoing instrument was acknowledged before me this _____
day of _____, 1969, by _____,
_____ of CITIES SERVICE OIL COMPANY, a Delaware corpora-
tion, on behalf of said corporation.

Notary Public in and for _____

My Commission expires _____

STATE OF _____)
COUNTY OF _____)

The foregoing instrument was acknowledged before me this _____
day of _____, 1969, by _____,
_____ of GULF OIL COMPANY-U.S.A. Division of Gulf Oil
Corporation, a Pennsylvania corporation, on behalf of said corporation.

Notary Public in and for _____

My Commission expires _____

STATE OF TEXAS)
COUNTY OF DALLAS)

The foregoing instrument was acknowledged before me this 9th
day of July, 1969, by JAKE L. HAMON.

Jay Allen Shoemaker
Notary Public in and for Dallas
County, Texas

My Commission expires 6-1-71

RECORDED
JUL 30 1969
SANDERS

STATE OF _____ Y
COUNTY OF _____ Y

The foregoing instrument was acknowledged before me this
_____ day of _____, 1969, by _____
_____, _____ of PHILLIPS PETROLEUM COMPANY, a
Delaware corporation, on behalf of said corporation.

Notary Public in and for _____

My Commission expires _____

STATE OF _____ Y
COUNTY OF _____ Y

The foregoing instrument was acknowledged before me this
_____ day of _____, 1969, by _____
_____, _____ of NORTHERN NATURAL GAS PRODUCING
COMPANY, a _____ corporation, on behalf of said corporation.

Notary Public in and for _____

My Commission expires _____

STATE OF TEXAS Y
COUNTY OF TARRANT Y

The foregoing instrument was acknowledged before me this
31st day of JULY, 1969, by JOSEPH P. BURT.


Madison Blackwell
Notary Public in and for
TARRANT COUNTY TEXAS

My Commission expires JUNE 1, 1971

CERTIFICATE OF APPROVAL
OF
TERMINATION OF MILLER RANCH UNIT AGREEMENT
BY COMMISSIONER OF PUBLIC LANDS, STATE OF NEW MEXICO

The undersigned Commissioner of Public Lands, State of New Mexico, does hereby approve the attached Termination of Unit Agreement for the Development and Operation of the Miller Ranch Unit Area, Eddy County, New Mexico, No. 14-08-001-8976.

Dated this the 31st day of July, 1969.



COMMISSIONER OF PUBLIC LANDS OF THE
STATE OF NEW MEXICO

CERTIFICATE OF APPROVAL
OF
TERMINATION OF MILLER RANCH UNIT AGREEMENT
BY, DIRECTOR, UNITED STATES GEOLOGICAL SURVEY

The undersigned Director of the United States Geological Survey does hereby approve the attached Termination of Unit Agreement for the Development and Operation of the Miller Ranch Unit Area, Eddy County, New Mexico, No. 14-08-001-8976.


Dated this the _____ day of _____, 1969.

DIRECTOR, UNITED STATES GEOLOGICAL
SURVEY

CERTIFICATE OF APPROVAL
OF
TERMINATION OF MILLER RANCH UNIT AGREEMENT
BY THE NEW MEXICO OIL CONSERVATION COMMISSION

The undersigned Commissioners of the New Mexico Oil Conservation Commission do hereby approve the attached Termination of Unit Agreement for the Development and Operation of the Miller Ranch Unit Area, Eddy County, New Mexico, No. 14-08-001-8976.

Dated this the 21st day of August, 1969.



Commissioner, New Mexico Oil, *Sec. - Director*
Conservation Commission

Commissioner, New Mexico Oil
Conservation Commission

Commissioner, New Mexico Oil
Conservation Commission

RECEIVED
JUL 22 1969
SANTA FE, N.M.

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

August 21, 1969

Marathon Oil Company
P. O. Box 552
Midland, Texas 79701

Attention: Mr. Charles L. Southard

Re: Termination of the Miller Ranch
Unit, Eddy County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Termination of the Miller Ranch Unit Agreement, Eddy County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

Three approved copies of the certificate of approval of termination are returned herewith.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/JEK/esr

cc: Commissioner of Public Lands
Santa Fe, New Mexico

Director
United States Geological Survey
Roswell, New Mexico



MARATHON OIL COMPANY

PRODUCTION - UNITED STATES AND CANADA

69 SEP 2 11 00 AM

P. O. BOX 552
MIDLAND, TEXAS 79701

August 28, 1969

5894

Re: Miller Ranch Unit
(No. 14-08-001-8976)
Eddy County, New Mexico

Oil Conservation Commission
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. A. L. Porter, Jr.

Gentlemen:

Approval to terminate the subject Unit has now been secured from the United States Geological Survey, and we are enclosing for your files two xerox copies of such approval. All royalty and over-riding royalty owners who have ratified this Unit are today being notified of such termination.

Yours very truly,

MARATHON OIL COMPANY

Charles L. Southard

Charles L. Southard *Aut*
District Landman

AWH:r
Encls.



MARATHON OIL COMPANY

PRODUCTION - UNITED STATES AND CANADA

69 FEB 18 AM 8 44

3884

POST OFFICE BOX 552
MIDLAND, TEXAS 79701
February 17, 1969

Oil & Gas Supervisor
United States Geological Survey
ATTENTION MR. CARL TRAYWICK
Drawer 1857
Roswell, New Mexico 88201

The Commissioner of Public Lands
State of New Mexico
ATTENTION MR. TED BILBERRY, OIL & GAS DEPARTMENT
P. O. Box 791
Santa Fe, New Mexico 87501

New Mexico Oil Conservation Commission
ATTENTION MR. A. L. PORTER
P. O. Box 2088
Santa Fe, New Mexico 87501

Gentlemen:

Miller Ranch Unit (No. 14-08-001-8976)
Eddy County, New Mexico

The initial wildcat well, Marathon Oil Company Miller Ranch Unit Well No. 1, 1650' FSL & 1980' FEL of Sec. 18, T-22-S, R-25-E, Eddy County, New Mexico was drilled to a total depth of 8135'. The Upper Pennsylvanian (Cisco-Canyon) formations were tested by a drillstem test, 8098'-8135', that was open for one hour; recovery was 4500' slightly mud cut sulfur water and 1868' of sulfur water, 30 min. initial shut-in pressure 3011 psi, flow pressure 2390 psi to 3011 psi, and 60 min. final shut-in pressure 3011 psi. The Upper Pennsylvanian (Cisco-Canyon) formations constitute a "reef" type carbonate and the test is, in our opinion, an adequate evaluation as designated in Section 9 of the Unit Agreement.

Following the test of the Upper Pennsylvanian, the well was plugged back to 3704' and casing was set to test certain sands in the Brushy Canyon of the Delaware Mountain Group. On a potential test of December 16, 1968 one of the zones flowed oil at the rate of 163 BO, 18 BW & 194 MCF gas on 16/64 inch choke, gas-oil ratio 1190:1, gravity 47.2° from perforations 3624-3636'. A bridge plug was set above the perforations and several higher sand members were tested: none of the other zones was productive. The bridge plug above

February 17, 1969
Page 2

the producing perforations was removed January 15, 1969 and operations were started to put the well into production. Since the well was ready to go into uninterrupted production when the bridge plug was removed, January 15, 1969 is recommended as the effective date for completion of the Marathon Oil Miller Ranch Unit Well No. 1.

Subsequent to completion, the well died and a pump is being installed at the present time. Performance of this well for the next several weeks could be significant in determining if the well is capable of producing in paying quantities. Marathon plans to observe the producing capabilities of the discovery well prior to filing an application for designation of a participating area and plan of development. As soon as determination can be made concerning whether or not the well can produce in paying quantities, appropriate action will be taken.

If agreeable to the Director, the Land Commissioner, and the Oil Conservation Commission, Marathon respectfully requests that the date of January 15, 1969 be accepted and confirmed as the date of completion in so far as this date applies to the Unit Agreement. Please address your reply to Marathon Oil Company, P. O. Box 552, Midland, Texas to my attention.

Yours very truly,

MARATHON OIL COMPANY

By B. J. McMichael
B. J. McMichael

BJMcM:elr

cc: NMOCC Artesia, Attn: Mr. W. A. Gressett
P. O. Drawer DD
NMOCC Santa Fe, Attn: Mr. D. S. Nutter
(for well file)
USGS Artesia, Attn: Mr. J. A. Knauf
210 Carper Building



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico 88201

IN REPLY REFER TO:

February 20, 1969

Marathon Oil Company
P. O. Box 552
Midland, Texas 79701

Attention: Mr. B. J. McMichael

Gentlemen:

Your letter of February 17 requests our acceptance of the completion date of Miller Ranch unit well No. 1, located in the NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 18, T. 22 S., R. 25 E., Eddy County, New Mexico.

The information submitted by you shows the well was completed on January 15, 1969, in the Delaware Mountain Group. Such completion date is acceptable to this office.

Sincerely yours,

(ORIG. ...)

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

cc:
Artesia
NMOCC, Santa Fe ✓
Com. Pub. Lands, Santa Fe



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico 88201

69 AUG 28 AM 8 21

IN REPLY REFER TO:

3811

August 27, 1969

Marathon Oil Company
P. O. Box 552
Midland, Texas 79701

Attention: Mr. Charles L. Southard

Gentlemen:

Your application for termination of the Miller Ranch unit agreement, Eddy County, New Mexico, pursuant to the last paragraph of section 20 thereof, was approved on August 27, 1969, effective as of September 1, 1969, the first day of the month following the date of filing in the Supervisor's office.

Copies of the approved termination are being furnished to the appropriate Federal offices and one approved copy is enclosed. It is requested that you furnish notice of this approval to each party affected by the termination of the Miller Ranch unit agreement.

Sincerely yours,

(ORIG. SCD.) JOHN A. ANDERSON

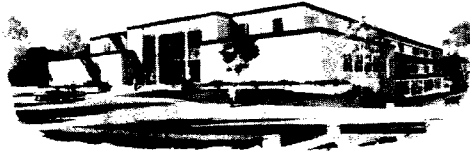
JOHN A. ANDERSON
Regional Oil and Gas Supervisor

cc:

Washington (w/cy appln.)
BLM, Santa Fe (w/cy appln.)
Artesia (w/cy appln.)
NMOCC, Santa Fe (Ltr. only) ✓
Com. Pub. Lands, Santa Fe (Ltr. only)

Note to BLM: All of the Federal leases in the unit area are committed to the unit agreement and entitled to a 2-year extension pursuant to 43 CFR 3127.5, as applicable.

State of New Mexico



Commissioner of Public Lands



October 23, 1968

GUYTON B. HAYS
COMMISSIONER

P. O. BOX 1148
SANTA FE, NEW MEXICO

Marathon Oil Company
P. O. Box 3128
Houston, Texas 77001

Re: Miller Ranch Unit
Eddy County, New Mexico

ATTENTION: Mr. W. T. Butler

Gentlemen:

The Commissioner of Public Lands has this date approved your Miller Ranch Unit, Eddy County, New Mexico, subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

Enclosed are five (5) Certificates of Approval.

This Unit Agreement is effective upon approval by the United States Geological Survey, therefore, please furnish us a copy of their Certificate of Determination immediately so we can process this unit.

Very truly yours,

GUYTON B. HAYS
COMMISSIONER OF PUBLIC LANDS

BY:
Ted Bilberry, Director
Oil and Gas Department

GBH/TB/ML/s
encls.

cc: USGS-Roswell, New Mexico
OCC- Santa Fe, New Mexico

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

April 3, 1969

Marathon Oil Company
P. O. Box 552
Midland, Texas 79701

Attention: Mr. B. J. McMichael

Re: Miller Ranch Unit Well No. 1
Completion Date

Gentlemen:

Marathon Oil Company filed Form C-104 in accordance with Rule 1104 of the Commission Rules and Regulations for the Miller Ranch Unit Well No. 1 located 1650 feet FSL and 1980 feet FEL of Section 18, Township 22 South, Range 25 East, NMPM, Eddy County, New Mexico. Said Form C-104 was received on January 21, 1969, by the Artesia Office of the Oil Conservation Commission and was approved January 22, 1969, by Mr. W. A. Gressett, District Supervisor.

Miller Ranch Unit Well No. 1 was completed as a wildcat well in the Delaware formation and, as approved, the completion date of said well is considered to have been January 15, 1969, the date of completion of the potential test.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/JEK/og

C
O
P
Y

State of New Mexico
Oil Conservation Commission



STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

October 14, 1968

Re: Case No. 3884
Order No. R-3520
Applicant:

Marathon Oil Company

A. L. Porter, Jr.

Hobbs OCC X

Artesia OCC x

Aztec OCC

Other State Land Office - Unit Division



IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Drawn: 1352
Lawell, New Mexico Co211

October 25 1968

Marathon Oil Company
P. O. Box 552
Midland Texas 79701

Attention: Mr. W. T. Butler

Gentlemen:

On October 25 1968 the Acting Oil and Gas Supervisor approved the
Haller Ranch unit agreement, Eddy County New Mexico, filed by
Marathon Oil Company, unit operator. This agreement has been
designated No. 14-08-0001-8970 and is effective as of October 25
1968.

Enclosed are two copies of the approved unit agreement for your
records. We request that you furnish the State of New Mexico and
other interested principals with appropriate evidence of this
approval.

Sincerely yours

WILLIAM CARL C. TRAYWICK
CARL C. TRAYWICK
Acting Oil and Gas Supervisor

cc:
Washington (w/cy appd. agreement)
DLM, Santa Fe (w/cy appd. agreement)
Artesia (w/cy appd. agreement)
VanSickle (ltr. only)
HMOCC, Santa Fe (ltr. only) ✓
Com. of Pub. Lands (ltr. only)

ILLEGIBLE



IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Ltewer 1857
Roswell, New Mexico 88201

3814

October 28, 1968

Marathon Oil Company
P. O. Box 552
Midland, Texas 79701

Attention: Mr. W. T. Butler

Gentlemen:

We acknowledge receipt on October 25, 1968, of a ratification and joinder to the Miller Ranch unit agreement, No. 14-08-0001-8876, Eddy County, New Mexico, executed by Adrian Barryhill, reported basic royalty owner in fee land unit tract No. 18.

Copies of the ratification and joinder are being distributed to the appropriate Federal offices.

Sincerely yours,

(ORIG. SGD.) JOHN A. ANDERSON

JOHN A. ANDERSON
Regional Oil & Gas Supervisor

cc:	
Washington	(w/cy. joinder)
Artesia	(w/cy. joinder)
BLM, Santa Fe	(w/cy. joinder)
NMOCC, Santa Fe ✓	(ltr. only)
Com. of Pub. Lands,	
Santa Fe	(ltr. only)
Accounting	



MARATHON OIL COMPANY

PRODUCTION - UNITED STATES AND CANADA

P.O. BOX 3128
HOUSTON, TEXAS 77001

July 17, 1968

APPLICATION FOR DESIGNATION OF MILLER RANCH UNIT AREA, EDDY COUNTY, NEW MEXICO

Director
United States Geological Survey
Washington, D. C.

Dear Sir:

Marathon Oil Company, an Ohio corporation with an office at Houston, Texas, hereby makes application for the designation of the Miller Ranch Unit Area as an area logically subject to development under a unit plan of operation.

1. The area proposed to be designated as the Miller Ranch Unit Area is comprised of 5,276.27 acres located in Eddy County, New Mexico, more fully described as follows:

T-21-S, R-25-E, NMPM

Section 32: A11

T-22-S, R-25-E, NMPM

Section 5: A11
Section 6: S/2; NE/4
Section 7: A11
Section 8: A11
Section 17: A11
Section 18: A11
Section 19: A11
Section 20: W/2

The proposed Unit Area includes 4,476.27 acres of Federal land, 640.00 acres of State of New Mexico land, and 160.00 acres of privately owned (fee) land. The State of New Mexico land is described as follows:

T-21-S, R-25-E, NMPM

Section 32: A11

The fee land is described as follows:

T-22-S, R-25-E, NMPM

Section 8: SE/4

The boundaries of the proposed Unit Area and the ownership of the respective tracts therein to the extent known to Marathon Oil Company, together with the serial numbers of all Federal leases included in the Unit Area, a list of the State of New Mexico lease numbers of the State leases included in the Unit Area, and the fee land leased included in the Unit Area are shown on the attached plat marked Exhibit "A". The acreage in each of the tracts included in the proposed Unit Area is indicated by the plat and is listed in Exhibit "B" of the proposed Unit Agreement, which is submitted with this Application.

2. A Geologic Report concerning the Unit Area is enclosed in triplicate as Exhibit "B" to this Application. Three maps showing pertinent data are attached to this Geologic Report as Exhibits "B-1," "B-2" and "B-3," in accordance with the suggested procedure. It is requested that all information in the Geologic Report and Exhibit thereto attached be treated as confidential.
3. Applicant believes that the owners of all oil and gas leases covering lands in the proposed Unit Area are willing to commit their leasehold interests to the proposed Unit Agreement, and it is believed that sufficient interest will be committed to give reasonably effective control of operations for oil and gas within the proposed Unit Area. To the extent known to the Applicant, there are no unleased tracts in the proposed Unit Area.
4. The outline of the proposed Unit Area is in accordance with the suggestions made by the Regional Oil and Gas Supervisor, United States Geological Survey, Roswell, New Mexico, and in the opinion of the Applicant, the proposed Unit Area boundary is reasonable and appropriate for the purposes of carrying on operations under the proposed Unit Agreement.
5. Several of the oil and gas leases included in the proposed Unit Area have relatively early expiration dates. Since it is not intended that operations be commenced for the drilling of the proposed test well until the final approval of the Unit Agreement has been obtained, Applicant will appreciate such action as will be reasonably convenient to expedite the processing of this Application.
6. The proposed form of Unit Agreement is enclosed in triplicate for preliminary examination by the Director of the United States Geological

Director, U. S. G. S.

-3-

July 17, 1968

Survey. All changes from the standard form of Unit Agreement as contained in the Departmental Regulations have been underlined in red.

Marathon Oil Company respectfully requests approval of the proposed Unit Area and preliminary approval of the proposed Unit Agreement.

Respectfully submitted,

MARATHON OIL COMPANY

By D. W. Franklin
D. W. Franklin,
Division Exploration Manager

J. O. SETH (1883-1963)

MONTGOMERY, FEDERICI, ANDREWS, HANNAHS & MORRIS

ATTORNEYS AND COUNSELORS AT LAW

350 EAST PALACE AVENUE

SANTA FE, NEW MEXICO 87501

A. K. MONTGOMERY
WM. FEDERICI
FRANK ANDREWS
FRED C. HANNAHS
RICHARD S. MORRIS
SUMNER G. BUELL
SETH D. MONTGOMERY

POST OFFICE BOX 2307

AREA CODE 505

TELEPHONE 982-3876

September 24, 1968

Case 3884

New Mexico Oil Conservation Commission
State Land Office Building
Santa Fe, New Mexico 87501

Re: Application of Marathon Oil Company for
approval of the Miller Ranch Unit Agree-
ment, Eddy County, New Mexico; Examiner
Hearing of October 9, 1968.

Gentlemen:

Please accept this letter as this firm's entry of
appearance as local counsel for the applicant, Marathon
Oil Company. Mr. Warren B. Leach, Jr. or Mr. William H.
Holloway, who are both members of the Texas Bar, will
present the case on behalf of Marathon Oil Company in
association with this firm.

Very truly yours,

Richard S. Morris

RSM:jh

cc: Mr. Warren B. Leach, Jr.
Division Attorney
Marathon Oil Company
Southern National Bank Bldg.
P. O. Box 3128
Houston, Texas

DOCKET MARED

Date *9-26-68*



MARATHON OIL COMPANY

PRODUCTION - UNITED STATES AND CANADA

P. O. BOX 552
MIDLAND, TEXAS 79701

October 21, 1968

Re: Miller Ranch Unit Area
Eddy County, New Mexico

Oil Conservation Commission
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. A. L. Porter, Jr.

Dear Sir:

Application for final approval of the Miller Ranch Unit Agreement has been made with the Commissioner of Public Lands of the State of New Mexico and the Supervisor of the United States Geological Survey in Roswell, New Mexico. Attached you will find an executed counterpart of the Miller Unit Agreement which has been signed by all working interest owners in the Unit Area. We are also enclosing copies of such Ratifications as we have now received from the royalty and overriding royalty owners in the Unit. At such time as the Unit Agreement has been approved by the Commissioner of Public Lands for the State of New Mexico and the Supervisor for the United States Geological Survey your office will be furnished copies of their approval certificates.

Yours very truly,

MARATHON OIL COMPANY

W. T. Butler

WTB:ap
Encls.

MARATHON OIL CO.
Houston Div. Expl.

SEP 30 1968

Div. Mgr.

M. Dist.

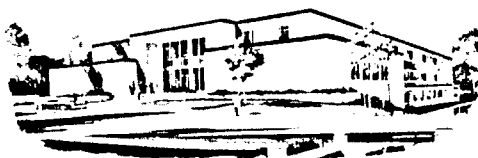
G.C. Dist.

Div. Ld. *J. L. J.*

Geophy.

Div. Opr.

State of New Mexico



Commissioner of Public Lands

GUYTON B. HAYS
COMMISSIONER



September 27, 1968

P. O. BOX 1148
SANTA FE, NEW MEXICO

Marathon Oil Company
P. O. Box 3128
Houston, Texas 77001

Re: Proposed Miller Ranch Unit
Eddy County, New Mexico

ATTENTION: Mr. D. W. Franklin

Gentlemen:

The Commissioner of Public Lands has this date approved as to form and content your proposed Miller Ranch Unit, Eddy County, New Mexico.

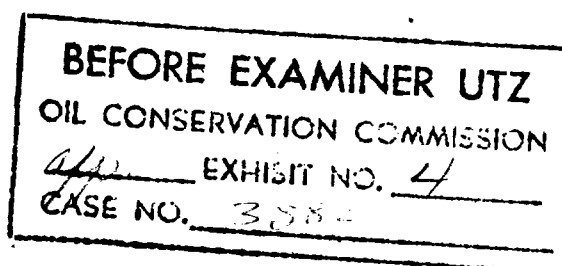
We are enclosing your Official Receipt No. I 35824 in the amount of Forty-Five (\$45.00) Dollars which covers the filing fee.

Very truly yours,

GUYTON B. HAYS
COMMISSIONER OF PUBLIC LANDS

BY: *Malcolm Long*
Malcolm Long, Supervisor
Unit Division

GBH/TB/ML/s





MARATHON OIL COMPANY

PRODUCTION - UNITED STATES AND CANADA

P. O. BOX 552
MIDLAND, TEXAS 79701

October 21, 1968

Re: Miller Ranch Unit Area
Eddy County, New Mexico

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
P. O. Drawer 1857
Roswell, New Mexico 88201

Dear Sir:

Under date of September 10, 1968, we furnished your office a copy of the Miller Ranch Unit Agreement dated September 16, 1968, which had been changed to conform to the suggestions of the acting director for the United States Department of Interior. Everyone owning an interest within the unit outline has been invited to join the Unit. All working interest owners have committed their interest to the Unit and all royalty and overriding royalty owners have joined the Unit with the exception of the following parties:

1. John H. Anderson, the owner of a 1.5% overriding royalty interest under Tract No. 1 has declined to join the Unit at this time. See copy of letter dated September 30, 1968, which is attached.
2. Margaret L. Wilson, wife of D. O. Wilson, the owner of an overriding royalty interest in Tracts Nos. 3 and 6. We have been advised that Mrs. Wilson is now deceased. She apparently died intestate and there has been no judicial ascertainment of her estate. Although Mrs. Wilson is record owner of an overriding royalty interest in Tract 3 with the Bureau of Land Office Records, we have determined that she left surviving, her husband, D. O. Wilson and two daughters, being Vaneatta Ruth Cade and Lovenia Faye Sadler, who joined the Unit.
3. William A. Huffman, the owner of an overriding royalty interest in Tracts Nos. 4 and 13. We have been advised that Mr. Huffman is now deceased. Although there has been no judicial ascertainment of Mr. Huffman's estate in New Mexico, we are of the opinion that his interest was community property and is now owned by Mrs. Harriet A. Huffman, his wife, who joined the Unit.

October 21, 1968

4. Anna L. Brown, the owner of a 50% royalty interest in Tract 18 in fee. See attached letter dated October 2, 1968, wherein Mrs. Brown declined to join the Unit.

5. Adrian Berryhill and wife, Gladdus Berryhill, the owners of a 4.16666% royalty interest in fee Tract No. 18. Mr. and Mrs. Berryhill were invited to join the Unit and were furnished copies of the Unit Agreement with our letter of September 27, 1968. In a telephone conversation with Mr. Berryhill on October 17, 1968, in Scottsdale, Arizona, Mr. Berryhill assured us that they will join the Unit and will furnish us their ratification as soon as they return to Grants, New Mexico.

6. Mary Lee Kothman, who is the possible owner of an undivided royalty interest in fee Tract No. 18. We have been advised that Mrs. Kothman is deceased. Mrs. Kothman's estate has not been probated at this time due to pending litigation. It is assumed that her interest has been committed by Mr. Carl Kothman, but should it later develop that this interest is owned by additional parties, Marathon will make every effort to secure joinder of such parties to this Unit.

Marathon Oil Company respectfully requests your approval of the Miller Ranch Unit Agreement and we enclose herewith for your consideration copies of the Unit Agreement and other instruments as follows:

1. Six copies of Unit Agreement which includes three executed copies and three Xerox copies.
2. Three copies of Unit Operating Agreement including one executed copy and two Xerox copies.
3. Six Xerox copies of Ratification by the royalty and overriding royalty owners who have committed their interest to the Unit, and copies of letters from a royalty owner and an overriding royalty owner declining to join the Unit.
4. Two copies of Order No. R-3520 of the Oil Conservation Commission of the State of New Mexico approving the Miller Ranch Unit Agreement.

Mr. John A. Anderson

-3-

October 21, 1968

As you have previously been informed, several of the leases being committed to this Unit will expire on November 1, 1968, therefore, we will appreciate your approval of the Unit Agreement prior to October 31, 1968, in order that drilling operations may be commenced.

Yours very truly,

MARATHON OIL COMPANY
Land Department

W. T. Butler
W. T. Butler

WTB:r
Encls.



MARATHON OIL COMPANY

PRODUCTION - UNITED STATES AND CANADA

P. O. BOX 552
MIDLAND, TEXAS 79701

October 28, 1968

Re: Miller Ranch Unit
Eddy County, New Mexico

Oil Conservation Commission
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. A. L. Porter, Jr.

Gentlemen:

Attached you will find Approval Certificates which have been signed by the Commissioner of Public Lands of the State of New Mexico, and the Acting Oil and Gas Supervisor for the United States Geological Survey, approving the Miller Ranch Unit, Eddy County, New Mexico. In addition, we are enclosing copies of their letters of transmittal wherein you will note the Agreement has been designated No. 14-08-0001-8976 and is effective as of October 25, 1968.

We are also enclosing a copy of Ratification signed by Adrian Berryhill and wife, Gladdus Berryhill, the owners of a royalty interest in Tract No. 18 of the Unit.

Yours very truly,

MARATHON OIL COMPANY
Land Department

W. T. Butler

WTB:r
Encls.

cc: Commissioner of Public Lands
of the State of New Mexico

Acting Oil and Gas Supervisor
United States Geological Survey

MARATHON OIL COMPANY

P. O. BOX 552
MIDLAND, TEXAS

Re: Miller Ranch Unit
Eddy County, New Mexico

October 28, 1968

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501

Attention: Mr. Ted Bilberry

Gentlemen:

Attached you will find Certification and Determination of Approval for the Miller Ranch Unit Agreement, which has been approved by the Acting Oil and Gas Supervisor for the United States Geological Survey. You will note this Unit bears Contract No. 14-08-0001-0 76 and is effective as of October 25, 1968.

In addition to the above, we are also enclosing original Ratification executed by Adrian Berryhill and wife, Gladdus Berryhill, who owns a royalty interest under Tract No. 18 of the Miller Ranch Unit. This party was listed under numerical paragraph 5, page 2 of our letter dated October 21, 1968, directed to your office. A copy of the above Approval Certificate, accompanied with your Certificate of Approval and a copy of the attached Ratification is being furnished the Oil Conservation Commission for their files. The United States Geological Survey was furnished a copy of Mr. and Mrs. Berryhill's Ratification on October 25, 1968.

Yours very truly,

MARATHON OIL COMPANY
Land Department

W. T. Butler

WTB:r
Encls.

cc: Oil Conservation Commission
United States Geological Survey





UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico 88201

October 25, 1968

Marathon Oil Company
P. O. Box 552
Midland, Texas 79701

Attention: Mr. W. T. Butler

Gentlemen:

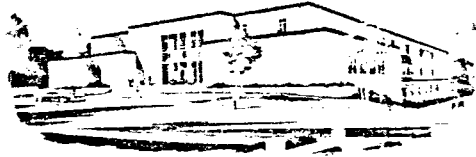
On October 25, 1968, the Acting Oil and Gas Supervisor approved the Miller Ranch unit agreement, Eddy County, New Mexico, filed by Marathon Oil Company, unit operator. This agreement has been designated No. 14-08-0001-8976 and is effective as of October 25, 1968.

Enclosed are two copies of the approved unit agreement for your records. We request that you furnish the State of New Mexico and other interested principals with appropriate evidence of this approval.

Sincerely yours,

CARL C. TRAYWICK
Acting Oil and Gas Supervisor

State of New Mexico



Commissioner of Public Lands



GUYTON B. HAYS
COMMISSIONER

P. O. BOX 1148
SANTA FE, NEW MEXICO

October 23, 1968

Marathon Oil Company
P. O. Box 3128
Houston, Texas 77001

Re: Miller Ranch Unit
Eddy County, New Mexico

ATTENTION: Mr. W. T. Butler

Gentlemen:

The Commissioner of Public Lands has this date approved your Miller Ranch Unit, Eddy County, New Mexico, subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

Enclosed are five (5) Certificates of Approval.

This Unit Agreement is effective upon approval by the United States Geological Survey, therefore, please furnish us a copy of their Certificate of Determination immediately so we can process this unit.

Very truly yours,

GUYTON B. HAYS
COMMISSIONER OF PUBLIC LANDS

BY: *Ted Bilberry*
Ted Bilberry, Director
Oil and Gas Department

GBH/TB/ML/s
encls.

cc: USGS-Roswell, New Mexico
OCC- Santa Fe, New Mexico

RECEIVED
AUG 28 1969
U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEX.

CERTIFICATE OF APPROVAL
OF
TERMINATION OF MILLER RANCH UNIT AGREEMENT
BY COMMISSIONER OF PUBLIC LANDS, STATE OF NEW MEXICO

The undersigned Commissioner of Public Lands, State of New Mexico, does hereby approve the attached Termination of Unit Agreement for the Development and Operation of the Miller Ranch Unit Area, Eddy County, New Mexico, No. 14-08-001-8976.

Dated this the 31st day of July, 1969.

Alfred J. Armijo
COMMISSIONER OF PUBLIC LANDS OF THE
STATE OF NEW MEXICO

Approved AUG 27 1969
Effective SEP 1 1969
Robert A. Robinson
Regional Oil and Gas Supervisor
U. S. GEOLOGICAL SURVEY

CERTIFICATE OF APPROVAL
OF
TERMINATION OF MILLER RANCH UNIT AGREEMENT
BY THE NEW MEXICO OIL CONSERVATION COMMISSION

The undersigned Commissioners of the New Mexico Oil Conservation Commission do hereby approve the attached Termination of Unit Agreement for the Development and Operation of the Miller Ranch Unit Area, Eddy County, New Mexico, No. 14-08-001-8976.

Dated this the 21st day of August, 1969.

A. L. Peter, Jr.
Commissioner, New Mexico Oil
Conservation Commission, Sec. Director

Commissioner, New Mexico Oil
Conservation Commission

Commissioner, New Mexico Oil
Conservation Commission

STATE OF NEW MEXICO
SANTA FE, N.M.
JUL 30 9 28 AM '69
RECEIVED

RECEIVED

OCT 23 1968

U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

CERTIFICATION - DETERMINATION

Pursuant to the authority vested in the Secretary of the Interior, as to Federal Lands, under the Act approved February 25, 1920, 41 Stat. 437, 30 U.S.C. Secs. 181, et seq., as amended, and delegated to the Oil and Gas Supervisors of the Geological Survey (33 F.R. 5812), I do hereby:

A. Approve the attached agreement for the development and operation of the Miller Ranch Unit Area, Eddy County, State of New Mexico.

B. Certify and determine that the unit plan of development and operation contemplated in the attached agreement is necessary and advisable in the public interest for the purpose of more properly conserving the natural resources.

C. Certify and determine that the drilling, producing, rental, minimum royalty, and royalty requirements of all Federal leases committed to said agreement are hereby established, altered, changed, or revoked to conform with the terms and conditions of this agreement.

October 23, 1968

Dated

By

Carl C. Trajwick
Oil and Gas Supervisor, United States
Geological Survey

Contract Number 14-00-0001-0076

CERTIFICATE OF APPROVAL

COMMISSIONER OF PUBLIC LANDS, STATE OF NEW MEXICO


MILLER RANCH UNIT
EDDY COUNTY, NEW MEXICO

There having been presented to the undersigned Commissioner of Public Lands of the State of New Mexico for examination, the attached Agreement for the development and operation of acreage which is described within the attached Agreement, dated September 16, 1968, which said Agreement has been executed by parties owning and holding oil and gas leases and royalty interests in and under the property described, and upon examination of said Agreement, the Commissioner finds:

- (a) That such agreement will tend to promote the conservation of oil and gas and the better utilization of reservoir energy in said area.
- (b) That under the proposed agreement, the State of New Mexico will receive its fair share of the recoverable oil or gas in place under its lands in the area.
- (c) That each beneficiary Institution of the State of New Mexico will receive its fair and equitable share of the recoverable oil and gas under its lands within the area.
- (d) That such agreement is in other respects for the best interests of the state, with respect to state lands.

NOW, THEREFORE, by virtue of the authority conferred upon me under Sections 7-11-39, 7-11-40, 7-11-41, 7-11-47, and 7-11-48, New Mexico Statutes Annotated, 1953 Compilation, I, the undersigned Commissioner of Public Lands of the State of New Mexico, do hereby consent to and approve the said Agreement, however, such consent and approval being limited and restricted to such lands within the Unit Area, which are effectively committed to the Unit Agreement as of this date, and, further, that leases insofar as the lands covered thereby committed to this Unit Agreement shall be and the same are hereby amended to conform with the terms of such Unit Agreement, and said leases shall remain in full force and effect in accordance with the terms and conditions of said Agreement. This approval is subject to all of the provisions and requirements of the afore-said statutes.

IN WITNESS WHEREOF, this Certificate of Approval is executed, with seal affixed, this 23rd. day of October, 19 68.


COMMISSIONER OF PUBLIC LANDS
of the State of New Mexico



MARATHON OIL COMPANY

PRODUCTION - UNITED STATES AND CANADA

P. O. BOX 552
MIDLAND, TEXAS 79701

October 25, 1968

Re: Miller Ranch Unit Agreement
Eddy County, New Mexico

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
P. O. Drawer 1857
Roswell, New Mexico 88201

Dear Sir:

Supplementing our letter of October 21, 1968, we now enclose original executed Ratification of the Miller Ranch Unit Agreement, which has been signed by Adrian Berryhill and wife, Gladdus Berryhill, accompanied by five Xerox copies of such Ratification. Mr. Berryhill is the owner of a royalty interest under fee Tract No. 18 of the captioned Unit.

Yours very truly,

MARATHON OIL COMPANY
Land Department

W. T. Butler
W. T. Butler

WTB:r
Encls.

CONSENT AND RATIFICATION
MILLER RANCH UNIT AGREEMENT
EMBRACING LANDS IN EDDY COUNTY, NEW MEXICO

The undersigned, (whether one or more) hereby acknowledge receipt of a copy of the Unit Agreement for the Development and Operation of the Miller Ranch Unit Area embracing lands situated in Eddy County, New Mexico, which said Agreement is dated the 16th day of September, 1968, and acknowledge that they have read the same and are familiar with the terms and conditions thereof. The undersigned also being the owners of the leasehold, royalty or other interests in the lands or minerals embraced in said Unit Area, as indicated on the schedule attached to the said Unit Agreement as Exhibit "B", do hereby commit all of their said interests to the Miller Ranch Unit Agreement and do hereby consent thereto and ratify all of the terms and provisions thereof, exactly the same as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof.

IN WITNESS WHEREOF, this instrument is executed by the undersigned as of the date set forth in their respective acknowledgments.

x Arthur Bryant Jr x Gladys Berryhill

CORPORATE

STATE OF _____ I
COUNTY OF _____ I

The foregoing instrument was acknowledged before me this _____ day of _____, 1968, by _____ who is _____ of _____, a _____ corporation, for and on behalf of said corporation.
(State)

Notary Public in and for _____

My Commission expires: _____

CERTIFICATE OF APPROVAL

COMMISSIONER OF PUBLIC LANDS, STATE OF NEW MEXICO

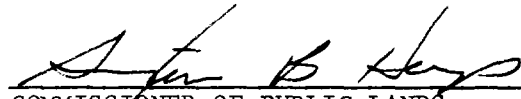
**MILLER RANCH UNIT
EDDY COUNTY, NEW MEXICO**

There having been presented to the undersigned Commissioner of Public Lands of the State of New Mexico for examination, the attached Agreement for the development and operation of acreage which is described within the attached Agreement, dated September 18, 1948, which said Agreement has been executed by parties owning and holding oil and gas leases and royalty interests in and under the property described, and upon examination of said Agreement, the Commissioner finds:

- (a) That such agreement will tend to promote the conservation of oil and gas and the better utilization of reservoir energy in said area.
- (b) That under the proposed agreement, the State of New Mexico will receive its fair share of the recoverable oil or gas in place under its lands in the area.
- (c) That each beneficiary Institution of the State of New Mexico will receive its fair and equitable share of the recoverable oil and gas under its lands within the area.
- (d) That such agreement is in other respects for the best interests of the state, with respect to state lands.

NOW, THEREFORE, by virtue of the authority conferred upon me under Sections 7-11-39, 7-11-40, 7-11-41, 7-11-47, and 7-11-48, New Mexico Statutes Annotated, 1953 Compilation, I, the undersigned Commissioner of Public Lands of the State of New Mexico, do hereby consent to and approve the said Agreement, however, such consent and approval being limited and restricted to such lands within the Unit Area, which are effectively committed to the Unit Agreement as of this date, and, further, that leases insofar as the lands covered thereby committed to this Unit Agreement shall be and the same are hereby amended to conform with the terms of such Unit Agreement, and said leases shall remain in full force and effect in accordance with the terms and conditions of said Agreement. This approval is subject to all of the provisions and requirements of the afore-said statutes.

IN WITNESS WHEREOF, this Certificate of Approval is executed, with seal affixed, this 23rd day of October, 1948.


COMMISSIONER OF PUBLIC LANDS
of the State of New Mexico



UNITED STATES
DEPARTMENT OF THE INTERIOR
MARATHON OIL CO.
GEOLOGICAL SURVEY Div. Expl.
WASHINGTON, D.C. 20242

AUG 28 1968

AUG 23 1968

Marathon Oil Company
P. O. Box 3128
Houston, Texas 77001

Div. Mgr.

M. Dist.

G.C. Dist.

Div. Ld.

Asst. Dir.

Adm. Asst.

Attention: Mr. D. W. Franklin

Gentlemen:

Your application of July 17 filed with the Regional Oil and Gas Supervisor, Roswell, New Mexico, on July 25, 1968, requests the designation of the Miller Ranch unit area embracing 5,276.27 acres, more or less, Eddy County, New Mexico, as logically subject to exploration and development under the unitization provisions of the Mineral Leasing Act, as amended.

Pursuant to unit plan regulations of December 22, 1950, 30 CFR 226.3 (1961 reprint), the land requested, as outlined on your plat marked "Exhibit A, Miller Ranch Unit," is hereby designated as a logical unit area.

The unit agreement submitted for the area designated should provide for the drilling of the initial exploratory well to test the Cisco-Canyon formation of Pennsylvanian age, or to a depth of 8,200 feet. Your proposed form of unit agreement will be acceptable if modified as shown in colored pencil and/or by attached riders on the attached copy of such agreement.

In the absence of any other type of land requiring special provisions, or any objection not now apparent, a duly executed agreement identical to the 1961 reprint, modified only as outlined above, will be approved if submitted in approvable status within a reasonable period of time. However, the right is reserved to deny approval of any executed agreement which, in our opinion, does not have full commitment of sufficient lands to afford effective control of unit operations.

When the executed agreement is transmitted to the supervisor for approval, include the latest status of all acreage. The format of the sample exhibits attached to the 1961 reprint of the standard form should be followed closely in the preparation of Exhibits A and B.

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
EXHIBIT NO. 5
CASE NO. 3884

Inasmuch as this unit area contains State of New Mexico lands, we are sending a copy of this letter to the Commissioner of Public Lands at Santa Fe. Please contact the State of New Mexico before soliciting joinders, regardless of prior contacts with or clearances from the State.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "William M. Baker".

Acting Director