

2779



State of New Mexico  
Commissioner of Public Lands

RAY POWELL, M.S., D.V.M.  
COMMISSIONER

310 OLD SANTA FE TRAIL P.O. BOX 1148

SANTA FE, NEW MEXICO 87504-1148

(505) 827-5760  
FAX (505) 827-5766

February 2, 1998

Marathon Oil Company  
P.O. Box 552  
Midland, Texas 79702-0552

Attn: Ms. Debbie Reese

Re: 1998 Plan of Development  
North Indian Basin Unit  
Eddy County, New Mexico

Dear Ms. Reese:

The Commissioner of Public Lands has, of this date, approved the above-captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

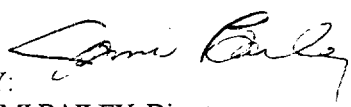
The possibility of drainage by wells outside of the Unit Area and the need for further development of the unit may exist. You may be contacted at a later date regarding these possibilities.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.  
COMMISSIONER OF PUBLIC LANDS

BY:

  
JAMI BAILEY, Director  
Oil, Gas and Minerals Division  
(505) 827-5744

RP/JB/cpm

xc: Reader File

OCD

BLM



JIM BACA  
COMMISSIONER

State of New Mexico  
OFFICE OF THE  
Commissioner of Public Lands  
Santa Fe

OCD  
# 2779

P.O. BOX 1148  
SANTA FE, NEW MEXICO 87504-1148

September 5, 1991

Marathon Oil Company  
P.O. Box 552  
Midland, Texas 79702

Attn: Wayne L. Ransbottom

Re: North Indian Basin Unit  
Eddy County, New Mexico  
Application for First Revision of Participating Area  
Lower Pennsylvanian Formation

Dear Mr. Ransbottom:

The Commissioner of Public Lands hereby approves your application for the first revision of the Lower Pennsylvanian Formation Participating Area in the North Indian Basin Unit. The Commissioner approves the expansion to be effective April 1, 1990 and to include the W/2 of Section 9 and NW/4 of Section 16 of Township 21 South, Range 23 East, NMPM.

If we may be of further assistance please contact our office at (505) 827-5744.

Sincerely,

JIM BACA  
COMMISSIONER OF PUBLIC LANDS

By: *Floyd O. Prando*  
Floyd O. Prando, Director  
Oil, Gas & Minerals Division

JB/FOP/JSW

cc: OCD  
BLM  
SLO - RMD  
Unit Correspondence File

2719



COMMERCIAL RESOURCES  
(505)-827-5724

SURFACE RESOURCES  
(505)-827-5793

MINERAL RESOURCES  
(505)-827-5744

ROYALTY  
(505)-827-5772

**State of New Mexico  
Commissioner of Public Lands**

**Ray Powell, M.S., D.V.M.**  
310 Old Santa Fe Trail, P. O. Box 1148  
Santa Fe, New Mexico 87504-1148  
Phone (505)-827-5760, Fax (505)-827-5766

PUBLIC AFFAIRS  
(505)-827-5765

ADMINISTRATIVE MGMT.  
(505)-827-5700

LEGAL  
(505)-827-5713

PLANNING  
(505)-827-5752

January 29, 1997

Marathon Oil Company  
P.O. Box 552  
Midland, Texas 79702-0552

Attn: Ms. Debbie Reese

Re: 1997 Plan of Development  
North Indian Basin Unit  
Eddy County, New Mexico

Dear Ms. Reese:

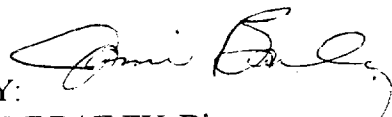
The Commissioner of Public Lands has, of this date, approved the above-captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the Unit Area and the need for further development of the unit may exist. You may be contacted at a later date regarding these possibilities.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.  
COMMISSIONER OF PUBLIC LANDS

BY: 

JAMI BAILEY, Director  
Oil, Gas and Minerals Division  
(505) 827-5744

RP/JB/cpm

cc: Reader File

OCD

BLM



COMMERCIAL RESOURCES  
(505)-827-5724

SURFACE RESOURCES  
(505)-827-5793

MINERAL RESOURCES  
(505)-827-5744

ROYALTY  
(505)-827-5772

State of New Mexico  
Commissioner of Public Lands

Ray Powell, M.S., D.V.M.  
310 Old Santa Fe Trail, P. O. Box 1148  
Santa Fe, New Mexico 87504-1148  
Phone (505)-827-5760, Fax (505)-827-5766

PUBLIC AFFAIRS  
(505)-827-5765

ADMINISTRATIVE MGMT.  
(505)-827-5700

LEGAL  
(505)-827-5715

PLANNING  
(505)-827-5752

January 9, 1997

Marathon Oil Company  
P.O. Box 552  
Midland, Texas 79702-0552

Attn: Ms. Debbie Reese

Re: 1997 Plan of Development  
North Indian Basin Unit  
Eddy County, New Mexico

Dear Ms. Reese:

The Commissioner of Public Lands has, of this date, approved the above-captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the Unit Area and the need for further development of the unit may exist. You may be contacted at a later date regarding these possibilities.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.  
COMMISSIONER OF PUBLIC LANDS

BY: *Jami Bailey*

JAMI BAILEY, Director  
Oil, Gas and Minerals Division  
(505) 827-5744  
RP/JB/cpm  
cc: Reader File

OCB

BLM



RAY POWELL, M.S., D.V.M.  
COMMISSIONER

State of New Mexico  
Commissioner of Public Lands

310 OLD SANTA FE TRAIL P.O. BOX 1148  
SANTA FE, NEW MEXICO 87504-1148

(505) 827-5760  
FAX (505) 827-5766

July 31, 1996

Marathon Oil Company  
Post Office Box 552  
Midland, Texas 79702

Attn: Mr. Randal P. Wilson

Re: Application for Approval  
Second Revision to Lower Pennsylvanian Participating Area  
North Indian Basin Unit  
Eddy County, New Mexico

Dear Mr. Wilson:

We are in receipt of your application letter of May 23, 1996, requesting approval of the Second Revision to the Lower Pennsylvanian Participating Area, North Indian Basin Unit, Eddy County, New Mexico.

The Bureau of Land Management advised this office of their approval to these expansions by their letter of July 11, 1996.

The Commissioner of Public Lands concurs with the Bureau of Land Management's decision and has this date also approved the Second Revision to the Lower Pennsylvanian Participating Area for the North Indian Basin Unit, Eddy County, New Mexico.

The second revision is effective March 1, 1995, and is based upon data submitted from the North Indian Basin Well Nos. 15 and 21. This revision contains 1,280.28 acres more or less and is described as follows:

Township 21 South, Range 23 East

Section 2: Lots 1, 2, 3, 4, S/2N/2, S/2

Section 11: All

Marathon Oil Company

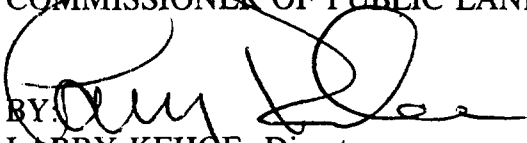
July 31, 1996

Page 2

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.  
COMMISSIONER OF PUBLIC LANDS

BY:   
LARRY KEHOE, Director  
Oil, Gas and Minerals Division  
(505) 827-5744

RP/LK/cpm

Enclosure

cc: Reader File

BLM--Attention: Mr. Armando Lopez

OCD--Attention: Mr. Roy Johnson

TRD--Attention: Mr. Valdean Severson



2779

RAY POWELL, M.S., D.V.M.  
COMMISSIONER

State of New Mexico  
Commissioner of Public Lands

310 OLD SANTA FE TRAIL P.O. BOX 1148

SANTA FE, NEW MEXICO 87504-1148

(505) 827-5760  
FAX (505) 827-5766

January 26, 1996

Marathon Oil Company  
Post Office Box 552  
Midland, Texas 79702-0552

Attn: Mr. Richard E. Pollard

Re: 1996 Plan of Development  
North Indian Basin Unit  
Eddy County, New Mexico

Dear Mr. Pollard:

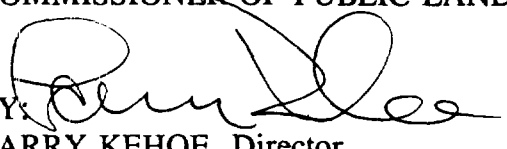
The Commissioner of Public Lands has this date approved the above-captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the Unit Area and the need for further development of the unit may exist. You may be contacted at a later date regarding these possibilities.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.  
COMMISSIONER OF PUBLIC LANDS

BY:   
LARRY KEHOE, Director  
Oil, Gas and Minerals Division  
(505) 827-5744

JAN 29 1996

RP/LK/cpm

Enclosure

cc: Reader File

OCD ✓

TRD

BLM



2779

RAY POWELL, M.S., D.V.M.  
COMMISSIONER

State of New Mexico  
Commissioner of Public Lands

310 OLD SANTA FE TRAIL P.O. BOX 1148

SANTA FE, NEW MEXICO 87504-1148

(505) 827-5760  
FAX (505) 827-5766

SLO REF NO. OG-1337

January 3, 1994

Marathon Oil Company  
P.O. Box 552  
Midland, Texas 79702-0552

Attn: Ms. Debbie Reese

Re: 1994 Plan of Development  
North Indian Basin Unit  
Eddy County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved the above captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the Unit Area and the need for further development of the unit may exist. You will be contacted at a later date regarding these possibilities.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY B. POWELL, M.S., D.V.M.  
COMMISSIONER OF PUBLIC LANDS

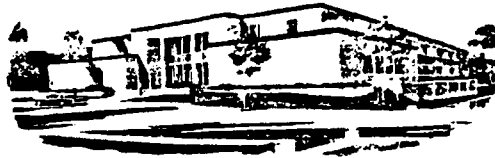
BY: *Floyd O. Prando*  
FLOYD O. PRANDO, Director  
Oil and Gas Division  
(505) 827-5744

RBP/FOP/pm  
cc: OCD - Roy Johnson  
BLM



#2779

State of New Mexico



JIM BACA  
COMMISSIONER

Commissioner of Public Lands

P.O. BOX 1148  
SANTA FE, NEW MEXICO 87504-1148

January 3, 1991

Marathon Oil Company  
P.O. Box 552  
Midland, TX 79702

Attn: Debbie Reese

Re: North Indian Basin Unit  
Eddy County, New Mexico  
1991 Plan of Development

Dear Ms. Reese:

The Commissioner of Public Lands has this date approved the 1991 Plan of Development for the North Indian Basin Unit. Our approval is subject to like approval by all other appropriate agencies.

There is a possibility of drainage by wells outside the Unit Area and the need for further development may exist.

If we may be of further assistance please contact Clyde Langdale at (505) 827-5791.

Sincerely,

JIM BACA  
COMMISSIONER OF PUBLIC LANDS

*Floyd O. Prando*

By:  
Floyd O. Prando, Director  
Oil, Gas & Minerals Division

JB/FOP/CL/dm

cc: OCD  
Unit POD File  
Unit Correspondence File

2779

# State of New Mexico



W.R. HUMPHRIES  
COMMISSIONER



## Commissioner of Public Lands

P.O. BOX 1148  
SANTA FE, NEW MEXICO 87504-1148

December 11, 1989

Marathon Oil Company  
P.O. Box 552  
Midland, Texas 79702

ATTN: Mr. R.S. Keisler

RE: ~~North Indian Basin Unit~~  
Eddy County, New Mexico  
Supplemental Plan of Development

Gentlemen:

The Commissioner of Public Lands has this date approved the above captioned Supplement to the 1989 Plan of Development for the North Indian Basin Unit. Our approval is subject to like approval by all other appropriate agencies.

Enclosed is an approved copy for your files. If we may be of further help, please do not hesitate to contact Susan Howarth at (505) 827-5791.

Very truly yours,

W.R. HUMPHRIES  
COMMISSIONER OF PUBLIC LANDS

BY: *Floyd O. Prando*  
FLOYD O. PRANDO, Director  
Oil and Gas Division  
(505) 827-5749

cc: OCD - Santa Fe, New Mexico  
BLM  
Unit Correspondence File  
Unit P.O.D. File

WRH/FOP/SMH

State of New Mexico

2779



W.R. HUMPHRIES  
COMMISSIONER



Commissioner of Public Lands

SLO REF NO. OG-664

P.O. BOX 1148  
SANTA FE, NEW MEXICO 87504-1148

February 3, 1988

Marathon Oil Company  
ATTENTION: Mr. S. C. Schraub  
P. O. Box 552  
Midland, Texas 79702

Re: 1988 Plan of Development  
North Indian Basin Unit  
Eddy County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved your Twenty-fifth Plan of Development for the North Indian Basin Unit Area, Eddy County, New Mexico. Such plan calls for the drilling of no wells.

Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

If we may be of further help please do not hesitate to call on us.

Very truly yours,

W. R. HUMPHRIES  
COMMISSIONER OF PUBLIC LANDS

BY: *F. Prado*  
FLOYD O. PRANDO, Director  
Oil and Gas Division  
(505) 827-5744

WRH/FOP/pm  
encls.

cc: OCD-Santa Fe, New Mexico  
BLM-Roswell, New Mexico Attn: Mr. Armando Lopez  
Gulram, Inc.

State of New Mexico

#2779



JIM BACA  
COMMISSIONER

Commissioner of Public Lands

January 3, 1986

P.O. BOX 1148  
SANTA FE, NEW MEXICO 87504-1148  
Express Mail Delivery Uses  
310 Old Santa Fe Trail  
Santa Fe, New Mexico 87501

Marathon Oil Company  
P. O. Box 552  
Midland, Texas 79702

Re: 1986 Plan of Development  
North Indian Basin Unit  
Eddy County, New Mexico

ATTENTION: Mr. John P. Duddleston

Gentlemen:

The Commissioner of Public Lands has this date approved your Twenty-Third Plan of Development and Operation for the North Indian Basin Unit area. Such plan calls for no further drilling operations but it is anticipated that the North Indian Basin Unit Well No. 2 will be recompleted in the Wolfcamp formation. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA  
COMMISSIONER OF PUBLIC LANDS

BY: *Ray D. Graham*  
RAY D. GRAHAM, Director  
Oil and Gas Division  
AC 505/827-5744

JB/RDG/pm  
encls.

cc: OCD-Santa Fe, New Mexico  
BLM-Albuquerque, New Mexico Attn: Fluids Branch  
BLM-Roswell, New Mexico Attn: Mr. Armando Lopez

3180 (065)  
14-08-0001-8508

JAN 16 1986

Marathon Oil Company  
Attn: Mr. John P. Daddleston  
P. O. Box 532  
Midland, TX 79702

RE: 1986 Plan of Development (Twenty-Third),  
North Indian Basin Unit,  
Eddy County, New Mexico

Gentlemen:

Enclosed is an approved copy of your 1986 Plan of Development (Twenty-Third) for the North Indian Basin Unit, Eddy County, New Mexico.

Such plan proposes no further drilling operations, although NIBU Well No. 2 will be recompleted in the Wolfcamp Formation.

This plan is approved effective for the period January 1, 1986 through January 1, 1987 and is subject to like approval by the Commissioner of Public Lands and the New Mexico Oil Conservation Division.

Sincerely,

S/Frieda Hunley

Francis R. Cherry, Jr.  
FOR District Manager

cc:  
Commissioner of Public Lands, Santa Fe  
NMSO, Micrographics (943B-4)  
NMQCD, Santa Fe  
CRA  
Babyak (065)

BABYAK/SDS/011586/1953M



IN REPLY REFER TO

# United States Department of the Interior

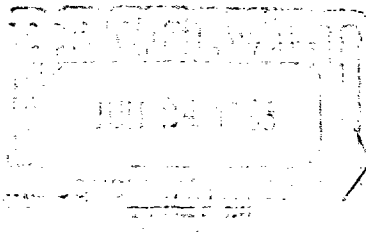
BUREAU OF LAND MANAGEMENT

Box 1397, Roswell, New Mexico - 88201

14-08-0001-8508  
3180(060)

June 18, 1985

Marathon Oil Company  
Attention: John P. Duddleston  
P.O. Box 552  
Midland, TX 79702



Re: 1985 Plan of Development (Twenty-Second)  
North Indian Basin Unit, Eddy County, New Mexico

Gentlemen:

Enclosed is an approved copy of your 1985 Plan of Development (Twenty-Second) for the North Indian Basin Unit, Eddy County, New Mexico.

Such plan proposes no further drilling operations, although NIBU Well No. 2 will be studied for possible recompletion in the Wolfcamp Formation and NIBU Well No. 7 will be given consideration for conversion to salt water disposal and is hereby approved effective as of January 1, 1985.

Sincerely,

Orig. Sgd. David E. Mari

FOR

Francis R. Cherry, Jr.  
District Manager

cc:

Commissioner of Public Lands, Santa Fe  
NMOCD, Santa Fe

State of New Mexico

#2779



JIM BACA  
COMMISSIONER



Commissioner of Public Lands

December 13, 1983

P.O. BOX 1148  
SANTA FE, NEW MEXICO 87504-1148

Marathon Oil Company  
P. O. Box 552  
Midland, Texas 79702

Re: 1984 Plan of Development  
North Indian Basin Unit  
Eddy County, New Mexico

ATTENTION: Mr. John P. Duddleston

Gentlemen:

The Commissioner of Public Lands has this date approved your Twenty-First Plan of Development and Operation for the North Indian Basin Unit Area. This plan is for the period from January 1, 1984 to January 1, 1985. Your plan calls for no further drilling or recompletion operations. Our approval is subject to like approval by the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,

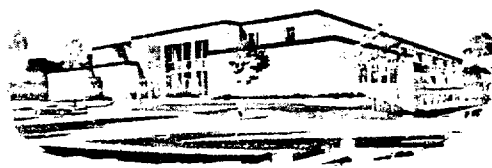
JIM BACA  
COMMISSIONER OF PUBLIC LANDS

BY:  
RAY D. GRAHAM, Director  
Oil and Gas Division  
AC 505/827-5744

JB/RDG/pm  
encls.  
cc:

OCD-Santa Fe, New Mexico  
BLM-Albuquerque, New Mexico  
BLM-Roswell, New Mexico

# State of New Mexico



## Commissioner of Public Lands

ALEX J. ARMIJO  
COMMISSIONER

December 15, 1982

P. O. BOX 1148  
SANTA FE, N. M. 87504-1148

Marathon Oil Company  
P. O. Box 552  
Midland, Texas 79702

# 279

Re: 1983 Plan of Development  
North Indian Basin Unit  
Eddy County, New Mexico.

ATTENTION: Mr. John P. Duddleston

Gentlemen:

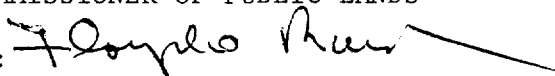
The Commissioner of Public Lands has this date approved your Twentieth Plan of Development and Operation for the North Indian Basin Unit Area. This plan is for the period from January 1, 1983 to January 1, 1984. Your plan calls for no further drilling or recompletion operations. Our approval is subject to like approval by the United States Minerals Management Service

Enclosed is an approved copy for your files.

Please remit a Three (\$3.00) Dollar filing fee.

Very truly yours,

ALEX J. ARMIJO  
COMMISSIONER OF PUBLIC LANDS

BY:   
FLOYD O. PRANDO, Assistant Director  
Oil and Gas Division  
AC 505/827-5744

AJA/FOP/pm  
encls.

cc: OCD-Santa Fe, New Mexico  
USMMS-Albuquerque, New Mexico  
Administration



# State of New Mexico



## Commissioner of Public Lands

December 28, 1979

ALEX J. ARMIJO  
COMMISSIONER

P. O. BOX 1148  
SANTA FE, NEW MEXICO 87501

2779

Marathon Oil Company  
P. O. Box 552  
Midland, Texas 79702

Re: 1980 Plan of Development  
North Indian Basin Unit  
Eddy County, New Mexico

ATTENTION: Mr. A. W. Hanley

Gentlemen:

The Commissioner of Public Lands has this date approved your 1980 Plan of Development for the North Indian Basin Unit, Eddy County, New Mexico. Such plan provides for no further drilling or recompletion during the 1980 period. Our approval is subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Commission.

Enclosed are two approved copies for your files.

Please remit a Three (\$3.00) Dollar filing fee.

Very truly yours,

ALEX J. ARMIJO  
COMMISSIONER OF PUBLIC LANDS

BY:  
RAY D. GRAHAM, Director  
Oil and Gas Division  
AC 505-827-2748

AJA/RDG/s  
encls.  
cc:

OCD-Santa Fe, New Mexico  
USGS-Roswell, New Mexico  
USGS-Albuquerque, New Mexico



# United States Department of the Interior

GEOLOGICAL SURVEY  
P. O. Box 26124  
Albuquerque, New Mexico 87125

JAN 11 1979

Marathon Oil Company  
Attention: Mr. A. W. Hanley  
P. O. Box 552  
Midland, Texas 79702

*no. 2779*

Gentlemen:

Two approved copies of your 1979 plan of development for the North Indian Basin unit area, Eddy County, New Mexico, proposing the continuation of unit operations with no additional drilling, are enclosed. Such plan was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

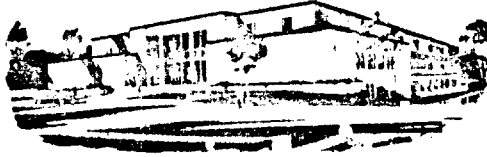
(ORIG. SGD.) JAMES W. SUTHERLAND

Oil and Gas Supervisor, SRMA

Enclosures (2)

cc:  
NMOCD, Santa Fe (ltr. only) ← *11/11 This copy for*  
Com. Pub. Lands, Santa Fe (ltr. only)

State of New Mexico



Commissioner of Public Lands

January 12, 1979

ALEX J. ARMIJO  
COMMISSIONER

P. O. Box 1148  
SANTA FE, NEW MEXICO

Marathon Oil Company  
P. O. Box 552  
Midland, Texas 79702

*no. 2779*

Re: North Indian Basin Unit  
Eddy County, New Mexico  
1979 PLAN OF DEVELOPMENT

ATTENTION: Mr. A. W. Hanley

Gentlemen:

The Commissioner of Public Lands has this date approved your 1979 Plan of Development for the North Indian Basin Unit area, Eddy County, New Mexico. Such plan proposes the continuation of unit operations with no additional drilling. Our approval is subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Division.

Enclosed is one approved copy for your files.

Please remit a Three (\$3.00) Dollars filing fee.

Very truly yours,

ALEX J. ARMIJO  
COMMISSIONER OF PUBLIC LANDS

BY:  
RAY D. GRAHAM, Director  
Oil and Gas Division

AJA/RDG/s  
encls.

cc:      OCD-Santa Fe, New Mexico  
          USGS-Roswell, New Mexico  
          USGS-Albuquerque, New Mexico



# United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Box 26124  
Albuquerque, New Mexico 87125

JAN 19 1978

Marathon Oil Company  
Attention: Mr. A. W. Hanley  
P. O. Box 552  
Midland, Texas 79702

*Mr. 2717*

Gentlemen:

The 1978 plan of development submitted for the North Indian Basin unit area, Eddy County, New Mexico, was approved on this date subject to like approval by the appropriate State of New Mexico officials.

Such plan proposes continuation of unit operations with no additional drilling and two approved copies are enclosed.

Sincerely yours,

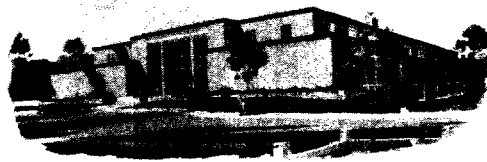
(ORIG. SGD.) JAMES W. SUTHERLAND

Area Oil & Gas Supervisor

Enclosures

CC:  
NMOCC, Santa Fe (1tr. only)  
Com. Pub. Lands, Santa Fe (1tr. only)

# State of New Mexico



## Commissioner of Public Lands

PHIL R. LUCERO  
COMMISSIONER

December 27, 1977

P. O. BOX 1148  
SANTA FE, NEW MEXICO 87501

Marathon Oil Company  
P. O. Box 552  
Midland, Texas 79702

Re: North Indian Basin Unit  
Eddy County, New Mexico  
FIFTEENTH PLAN OF DEVELOPMENT  
AND OPERATION

ATTENTION: Mr. C. L. Roberts

Gentlemen:

The Commissioner of Public Lands has this date approved your Fifteenth Plan of Development and Operation for the North Indian Basin Unit, Eddy County, New Mexico. This plan covers the period from January 1, 1978 to January 1, 1979. Your plan calls for the drilling of no wells during such period. Our approval is subject to like approval by the United States Geological Survey.

Enclosed are two approved copies of the plan as requested.

Please remit a Four (\$4.00) Dollar filing fee.

Very truly yours,

PHIL R. LUCERO  
COMMISSIONER OF PUBLIC LANDS

BY:  
RAY D. GRAMM, Director  
Oil and Gas Division

PR1/RDG/s  
encl.  
cc:

OCC-Santa Fe, New Mexico  
USGS-Roswell, New Mexico  
USGS-Albuquerque, New Mexico

RECEIVED  
JAN 3 - 1978  
Oil Conservation Commission



United States Department of the Interior

GEOLOGICAL SURVEY  
Western Bank Building  
505 Marquette, NW, Room 815  
Albuquerque, New Mexico 87102

JAN 26 1977

Marathon Oil Company  
Attention: Mr. A. W. Hanley  
P. O. Box 552  
Midland, Texas 79701

Gentlemen:

The 1977 plan of development submitted for the North Indian Basin unit area, Eddy County, New Mexico, was approved on this date subject to like approval by the appropriate State officials.

Such plan proposes continuation of unit operations with no additional drilling and two approved copies are enclosed.

Sincerely yours,

(ORIG. SGD.) JAMES W. SUTHERLAND

Area Oil and Gas Supervisor

Enclosure

cc:  
NMOCC, Santa Fe (ltr. only) ←  
Com. Pub. Lands, Santa Fe (ltr. only)



# United States Department of the Interior

GEOLOGICAL SURVEY

Drawer 1857  
Roswell, New Mexico 88201

May 13, 1976

2779

Marathon Oil Company  
Attention: Mr. A. W. Hanley  
P.O. Box 552  
Midland, Texas 79701

Gentlemen:

The 1976 plan of development submitted for the North Indian Basin unit area, Eddy County, New Mexico, was approved on this date subject to like approval by the appropriate State officials.

Such plan proposes continuation of unit operations with no additional drilling and four approved copies are enclosed.

Sincerely yours,

(Orig. Sd.) CARL C. TRAYWICK

CARL C. TRAYWICK  
Acting Area Oil and Gas Supervisor

cc:  
NMOCC, Santa Fe (ltr. only)  
Artesia (w/cy plan)  
Com. Pub. Lands, Santa Fe (ltr. only)

JAGillham:dap

This Copy for

State of New Mexico

TELEPHONE  
505-827-2748



PHIL R. LUCERO  
COMMISSIONER



Commissioner of Public Lands  
December 31, 1975

P. O. BOX 1148  
SANTA FE, NEW MEXICO 87501

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

Re: North Indian Basin Unit  
Eddy County, New Mexico

ATTENTION: Mr. A. W. Hanley

Gentlemen:

The Commissioner of Public Lands has this date approved your 1976 to 1977 Plan of Development. Such plan, proposes continuation of unit operations with no additional drilling. This approval is subject to like approval by the United States Geological Survey.

Enclosed are two approved copies as requested in your letter.

Please remit a Three (\$3.00) Dollar filing fee.

Very truly yours,

PHIL R. LUCERO  
COMMISSIONER OF PUBLIC LANDS

BY:  
RAY D. GRAHAM, Director  
Oil and Gas Division

PRL/RDG/s  
encls.

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



State of New Mexico

TELEPHONE  
505-827-2748



Commissioner of Public Lands

December 27, 1974

ALEX J. ARMIJO  
COMMISSIONER

P. O. BOX 1148  
SANTA FE, NEW MEXICO

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

Re: North Indian Basin Unit  
TWELFTH PLAN OF DEVELOPMENT  
AND OPERATION  
Eddy County, New Mexico

ATTENTION: Mr. Charles L. Southard

Gentlemen:

The Commissioner of Public Lands has this date approved your Twelfth Plan of Development and Operation for the North Indian Basin Unit Area covering the Period from January 1, 1975 to January 1, 1976. Your plan proposes to continue current operations without further drilling. This approval is subject to like approval by the United States Geological Survey.

Two approved copies of the plan are enclosed herewith.

Please remit a Four (\$4.00) Dollar filing fee.

Very truly yours,

RAY D. GRAHAM, Director  
Oil and Gas Department

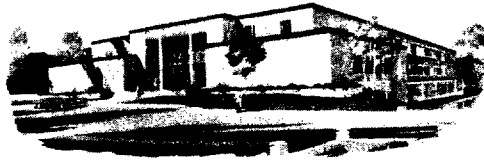
AJA/RDG/s  
encls.  
cc:

USGS-Roswell, New Mexico  
OCC- Santa Fe, New Mexico ✓

State of New Mexico

2777

TELEPHONE  
505-827-2748



Commissioner of Public Lands  
January 7, 1974

ALEX J. ARMIJO  
COMMISSIONER

P. O. BOX 9148  
SANTA FE, NEW MEXICO

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

Re: North Indian Basin Unit  
ELEVENTH PLAN OF DEVELOPMENT  
Eddy County, New Mexico

ATTENTION: Mr. Charles L. Southard

Gentlemen:

The Commissioner of Public Lands has this date approved your Eleventh Plan of Development and Operation for the North Indian Basin covering the period from January 1, 1974 to January 1, 1975. Your plan proposed to continue current operations without further drilling. This approval is subject to like approval by the United States Geological Survey.

Two approved copies of the plan are enclosed herewith.

Please remit a four (\$4.00) Dollar filing fee.

Very truly yours,

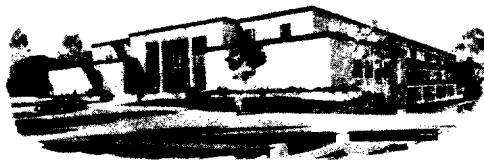
RAY D. GRAHAM, Director  
Oil and Gas Department

AJA/RDC/s  
encs.  
cc:

UEGS-Roswell, New Mexico  
OCC- Santa Fe, New Mexico ✓

State of New Mexico

4177  
TELEPHONE  
505-827-2748



Commissioner of Public Lands

December 27, 1972

ALEX J. ARMIJO  
COMMISSIONER

P. O. BOX 1148  
SANTA FE, NEW MEXICO

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

Re: North Indian Basin Unit  
1973 PLAN OF DEVELOPMENT  
Eddy County, New Mexico

ATTENTION: Mr. Charles L. Southard

Gentlemen:

The Commissioner of Public Lands has this date approved your Tenth Plan of Development and Operation for the North Indian Basin Unit Area covering the period from January 1, 1973, to January 1, 1974. This Plan of Development anticipates no further drilling. However, will continue to study and evaluate the geology, engineering and production data applicable to the unit area. This approval is subject to like approval by the United States Geological Survey.

Two approved copies of the plan are enclosed herewith.

Please remit a four (\$4.00) Dollar filing fee.

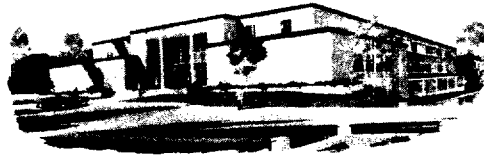
Very truly yours,

RAY D. GRAHAM, Director  
Oil and Gas Department

AJA/RDG/s  
encls.  
cc:

OCC-Santa Fe, New Mexico  
UGS-Roswell, New Mexico

State of New Mexico



Commissioner of Public Lands

January 7, 1972

ALEX J. ARMijo  
COMMISSIONER

RECEIVED  
JAN 10 1972  
OIL CONSERVATION COMM.  
SANTA FE

2779

P. O. BOX 1148  
SANTA FE, NEW MEXICO

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

Re: North Indian Basin Unit  
1972 Plan of Development  
Eddy County, New Mexico

ATTENTION: Mr. Charles L. Southard

Gentlemen:

The Commissioner of Public Lands has this date approved your Ninth Plan of Development for the North Indian Basin Unit, Eddy County, New Mexico. This Plan of Development anticipates no further drilling during 1972. However, will continue to study and evaluate the geology, engineering and production data applicable to the unit area. This approval is subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

Two approved copies of the plan are enclosed herewith.

Please remit a four (\$4.00) Dollar filing fee.

Very truly yours,

RAY D. GRAHAM, Director  
Oil and Gas Department

AJA/RDG/s  
encls.

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

DEC 31 1969

2777

December 29, 1969

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

Re: North Indian Basin Unit  
1970 Seventh Plan of Development  
Eddy County, New Mexico

ATTENTION: Mr. Charles L. Southard

Gentlemen:

The Commissioner of Public Lands has this date approved the Seventh Plan of Development and Operation for the North Indian Basin Unit, Eddy County, New Mexico. Approval is subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

This Plan of Development covers the period from January 1, 1970 to January 1, 1971.

Two approved copies of the plan are enclosed herewith.

Very truly yours,

Ted Bilberry, Director  
Oil and Gas Department

TB/ML/s  
encls.

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

DEC 30 1970

2779

December 29, 1970

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

Re: North Indian Basin Unit  
Eighth Plan of Development  
Eddy County, New Mexico

ATTENTION: Mr. Charles L. Southard

Gentlemen:

The Commissioner of Public Lands has this date approved your Eighth Plan of Development for the North Indian Basin Unit, Eddy County, New Mexico. This Plan of Development anticipates no further drilling but does anticipate the workover of well No. 7.

This approval is subject to like approval by the United States Geological Survey.

Two approved copies of the plan are enclosed herewith.

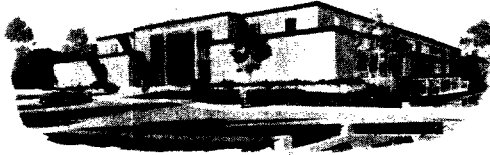
Sincerely yours,

GORDON G. MARCUM, II, Director  
Oil and Gas Department

AJA/GGM/s  
encls.

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

State of New Mexico



2771

Commissioner of Public Lands

GUYTON B. HAYS  
COMMISSIONER



P. O. BOX 1148  
SANTA FE, NEW MEXICO

September 3, 1968

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

100 SEP 4 1968

Re: Application for Approval of  
Contraction of North Indian  
Basin Unit Area  
Eddy County, New Mexico

ATTENTION: Mr. Ed. L. Smith

Gentlemen:

The Commissioner of Public Lands has approved your application for the contraction of the North Indian Basin Unit Area, Eddy County, New Mexico.

This contraction is in accordance with the automatic elimination provisions of Section 2(e) of the Unit Agreement.

The effective date of this contraction is August 2, 1968.

We are returning one copy of the application, executed by the commissioner, for your files.

Very truly yours,

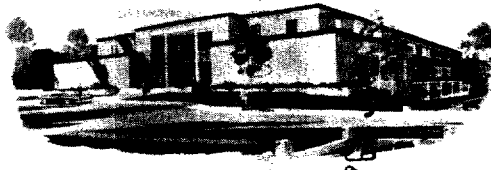
GUYTON B. HAYS  
COMMISSIONER OF PUBLIC LANDS

BY:  
Ted Bilberry, Director  
Oil and Gas Department

GBH/TB/s  
encl.

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

State of New Mexico



Commissioner of Public Lands



December 30, 1968

GUYTON B. HAYS  
COMMISSIONER

P. O. BOX 1148  
SANTA FE, NEW MEXICO

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

Re: North Indian Basin Unit  
1969 Sixth Plan of Development  
Eddy County, New Mexico

ATTENTION: Mr. L. H. Shearer

Gentlemen:

The Commissioner of Public Lands approves the Sixth Plan of Development and Operation for the North Indian Basin Unit, Eddy County, New Mexico. Approval is subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

This Plan of Development covers the period from January 1, 1969 to January 1, 1970.

Two approved copies of the Plan are enclosed herewith.

Very truly yours,

GUYTON B. HAYS  
COMMISSIONER OF PUBLIC LANDS

BY:  
Malcolm L. Long, Supervisor  
Unit Division

GBH/TR/ML/s

encls. 2

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



State of New Mexico



Commissioner of Public Lands



January 11, 1968

GUYTON B. HAYS  
COMMISSIONER

P. O. BOX 1148  
SANTA FE, NEW MEXICO

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

Re: North Indian Basin Unit  
Eddy County, New Mexico

ATTENTION: Mr. L. H. Shearer

Gentlemen:

The Commissioner of Public Lands approves the Fifth Plan of Development and Operation for the North Indian Basin Unit, Eddy County, New Mexico. Approval is subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

This Plan of Development covers the period from January 1, 1968 to January 1, 1969.

Two approved copies of the Plan are enclosed herewith.

Very truly yours,

GUYTON B. HAYS  
COMMISSIONER OF PUBLIC LANDS

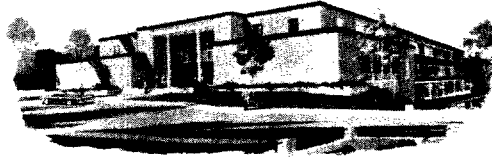
BY:

Eddie Lopez, Supervisor '68 JAN 12 AM 8 39  
Unit Division

GBH/TR/EL/s  
encls.

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

State of New Mexico



Commissioner of Public Lands



September 15, 1967

GUYTON B. HAYS  
COMMISSIONER

P. O. BOX 1148  
SANTA FE, NEW MEXICO

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

Re: North Indian Basin Unit  
Eddy County, New Mexico

ATTENTION: Mr. Warren B. Leach, Jr.

Gentlemen:

SEP 15 1967

The Commissioner of Public Lands approves the Second Amendment and Supplement to the Fourth Plan of Development and Operation for the North Indian Basin Unit, Eddy County, New Mexico. Approval is subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

This Plan of Development covers the period from January 15, 1967 to January 1, 1968, and provides for the drilling of well NIBU Well No. 7, in the SW/4 of Section 11, Township 21 South, Range 23 East, as a replacement well for NIBU Well No. 2.

Two approved copies of the Plan are enclosed herewith.

Very truly yours,

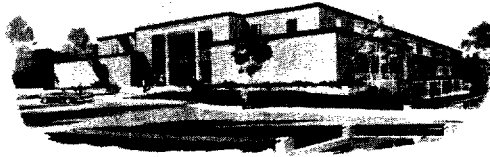
GUYTON B. HAYS  
COMMISSIONER OF PUBLIC LANDS  
BY:

Ted Bilberry, Director  
Oil and Gas Department

GBH/TB/EL/s  
encls.

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

State of New Mexico



2777

Commissioner of Public Lands



GUYTON B. HAYS  
COMMISSIONER

P. O. BOX 1148  
SANTA FE, NEW MEXICO

June 16, 1967

Marathon Oil Company  
P. O. Drawer 1398  
Roswell, New Mexico, 88201

Re: North Indian Basin Unit  
Eddy County, New Mexico

ATTENTION: Mr. John L. Anderson, Jr.

Gentlemen:

We have received copies of the First Amendment and Supplement to the Fourth Plan of Development and Operation for the North Indian Basin Unit Area, Eddy County, New Mexico, which covers the period from January 15, 1967 to January 1, 1968, and in addition amends and provides for the drilling of the North Indian Basin Unit Well No. 6, located in the SE/4 of Section 4, Township 21-South, Range 23-East, Eddy County, New Mexico.

The Commissioner of Public Lands has this date approved this instrument and we are returning seven (7) copies as requested in your letter.

Very truly yours,

GUYTON B. HAYS  
COMMISSIONER OF PUBLIC LANDS

BY:  
Eddie Lopez, Supervisor  
Unit Division

GBH/TB/EL/s  
encls.

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

MARATHON OIL COMPANY

2779

P. O. BOX 3128  
HOUSTON, TEXAS 77001

August 27, 1968

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

Re: Application for Approval of Contraction of  
North Indian Basin Unit Area (No. 14-08-0001-8508)  
Eddy County, New Mexico  
(Marathon's Lease No. NM-1832)

Dear Sir:

Attached for consideration and approval are two (2) copies of  
above captioned Application executed for Marathon Oil Company, as Unit  
Operator, by Mr. Carl M. Morris. We believe that we have furnished  
sufficient information pertinent to the contraction of this unit to  
permit approval. If such is not the case, please advise us.

Please return to us a copy reflecting approval.

Yours very truly,

MARATHON OIL COMPANY

By Edo L. Smith  
Ed. L. Smith, Division Landman

JEM:llh  
Encls. (2)

cc: New Mexico Oil Conservation Commission (w/copy of Application)  
P. O. Box 871  
Santa Fe, New Mexico 87501

11-13-68

MARATHON OIL COMPANY

P. O. BOX 3128  
HOUSTON, TEXAS 77001

August 27, 1968

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

Re: Application for Approval of Contraction of North Indian  
Basin Unit Area (No. 14-08-0001-8508)  
Eddy County, New Mexico  
(Marathon's Lease No. NM-1832)

Dear Sir:

Attached for consideration and approval are seven (7) copies of  
above captioned Application executed for Marathon Oil Company, as Unit  
Operator, by Mr. Carl M. Morris. We believe that we have furnished  
sufficient information pertinent to the contraction of this unit to  
permit approval. If such is not the case, please advise us.

Please return to us a copy reflecting approval of the U.S.G.S.

Yours very truly,

MARATHON OIL COMPANY

By Ed L. Smith  
Ed. L. Smith, Division Landman

JEM:llh  
Encls. (7)

cc: New Mexico Oil Conservation Commission  
P. O. Box 871  
Santa Fe, New Mexico 87501

Application for Approval of Contraction of North Indian Basin Unit Area  
(No. 14-08-0001-8508), Eddy County, New Mexico.

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

1963 MAR 30 AM 10 25

Director  
United States Geological Survey  
Washington, D. C.

New Mexico Oil Conservation Commission  
P. O. Box 871  
Santa Fe, New Mexico

The North Indian Basin Unit Agreement entered into as of the 11th day of March, 1963, by and between the parties subscribing, ratifying or consenting thereto,

WITNESSETH:

Whereas, the North Indian Basin Unit Agreement was approved by the Acting Director, United States Geological Survey and by the Commissioner of Public Lands, State of New Mexico, effective March 26, 1963; and,

Whereas, the Initial Upper Pennsylvanian Participating Area and the Initial Lower Pennsylvanian Participating Area were both approved by the Commissioner of Public Lands on February 4, 1964, and by the Acting Director, United States Geological Survey on April 16, 1964, effective July 30, 1963.

Both Upper and Lower Pennsylvanian Participating Areas cover 1,440 acres described as follows:

Township 21-South, Range 23-East, N.M.P.M., Eddy County, New Mexico.

Section 9:	E/2 - - - - -	320.00 acres
Section 10:	All - - - - -	640.00 acres
Section 15:	N/2 - - - - -	320.00 acres
Section 16:	NE/4 - - - - -	160.00 acres

Whereas, the First Revision of the Upper Pennsylvanian Participating Area was approved by the Commissioner of Public Lands on September 18, 1964, and by the Acting Director, United States Geological Survey on November 10, 1964, effective June 1, 1964, covering the above described 1,440.00 acres plus an additional 2,720.28 acres for a total of 4,160.28 acres described as follows:

Township 21-South, Range 23-East, N.M.P.M., Eddy County, New Mexico.

Section 2:	All - - - - -	640.28 acres
Section 3:	S/2 - - - - -	320.00 acres
Section 4:	S/2 - - - - -	320.00 acres
Section 9:	All - - - - -	640.00 acres
Section 10:	All - - - - -	640.00 acres
Section 11:	All - - - - -	640.00 acres
Section 15:	N/2 - - - - -	320.00 acres
Section 16:	All - - - - -	640.00 acres

Whereas, Section 2(e) of the North Indian Basin Unit Agreement provides that all legal subdivisions of unitized lands, no parts of which are entitled to be in a participating area within 5 years after the first day of the month following the effective date of the first initial participating area established under this unit agreement, shall be eliminated automatically from this agreement, effective as of the first day thereafter, and such lands shall no longer be a part of the

unit area and shall no longer be subject to this agreement, unless at the expiration of said 5 year period diligent drilling operations are in progress on unitized lands not entitled to participation, in which event all such lands shall remain subject to the unit agreement for so long as such drilling operations are continued diligently; and,

Whereas, a poll has been taken of all working interest owners who agreed that no additional drilling be commenced prior to the expiration of the 5 year period on unit acreage located outside the present participating areas.

Now, therefore, Marathon Oil Company, as Operator of the North Indian Basin Unit, and pursuant to Section 2(e) of the Unit Agreement, advises that effective August 2, 1968, the following described lands have been eliminated from the unit area:

Township 20 $\frac{1}{2}$ -South, Range 23-East, N.M.P.M., Eddy County, New Mexico.

Section 36: All - - - - - 345.40 acres

Township 21-South, Range 23-East, N.M.P.M., Eddy County, New Mexico.

Section 1: All - - - - - 639.48 acres  
Section 12: All - - - - - 640.00 acres

Attached hereto are Revised Exhibits A and B to the Unit Agreement which describe the area subject thereto from and after August 2, 1968. In accordance with Section 2 of the Unit Agreement, 6 copies of Exhibits A and B are furnished herewith to the Oil & Gas Supervisor and 1 copy of each exhibit is furnished herewith to the Land Commissioner and the New Mexico Oil Conservation Commission. Approval hereof by the Director and the Land Commissioner is requested to verify that the lands eliminated from the unit are described herein to their satisfaction.

Notice hereof will be given to all parties in interest.

Dated this 26th day of August, 1968.

MARATHON OIL COMPANY  
Unit Operator

By *Paul M. Marcus*  
DIVISION OPERATIONS MANAGER

RECEIVED AS  
*W. H. [unclear]*  
*CHS*

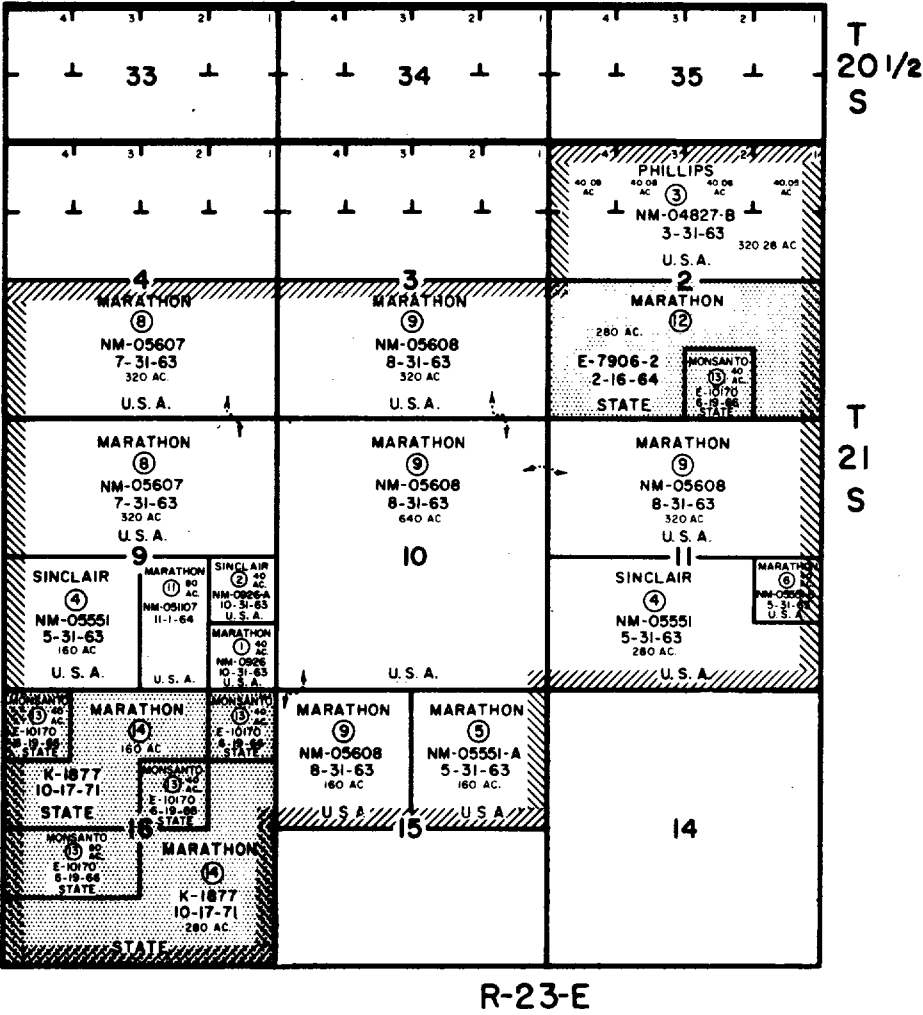
APPROVED:

\_\_\_\_\_  
Date

\_\_\_\_\_  
Commissioner of Public Lands  
State of New Mexico

\_\_\_\_\_  
Date

\_\_\_\_\_  
Director - U. S. Geological Survey



LEGEND

- ② TRACT NUMBER
- UNIT OUTLINE
- FEDERAL LAND
- STATE OF NEW MEXICO LAND

NORTH INDIAN BASIN  
UNIT AREA  
EDDY COUNTY, NEW MEXICO

3,200.28 ACRES  
960.00 ACRES  
TOTAL 4,160.28 ACRES

SECOND REVISED EXHIBIT A  
(Aug. 2, 1968)

FEDERAL SERIAL NUMBERS INVOLVED IN UNIT	
①	NM-0926
②	NM-0926-A
③	NM-04827-B
④	NM-05551
⑤	NM-05551-A
⑥	NM-05551-B
⑧	NM-05607
⑨	NM-05608
⑪	NM-05107
STATE LEASE NUMBERS	
⑫	E-7906-2
⑬	E-10170
⑭	K-1877



SECOND REVISED EXHIBIT B  
SCHEDULE SHOWING THE PERCENTAGE AND KIND  
OF OWNERSHIP OF ALL LANDS IN THE  
NORTH INDIAN BASIN UNIT AREA - EDDY COUNTY, NEW MEXICO  
(August 2, 1968)

Page 1

Tract Number	Description of Land	No. of Acres	Serial No. & Eff. Date of Lease	Basic Royalty & Percentage	Lessee of Record	Overriding Royalty and Percentage	Working Interest and Percentage
<u>FEDERAL LANDS:</u> <u>T-21-S, R-23-E, NMPM</u>							
1	Sec. 9: SE/4 SE/4	40.00	NM-0926 12/1/51 Ext. to 10/31/63	USA - 12 $\frac{1}{2}$ %	Marathon Oil Company	Bernice L. McCoy Sabine Royalty Corp. Valley Investment Corp.	Marathon Oil Company - All
						4.000% 1.125% 1.125% <u>6.250%</u>	
2	Sec. 9: NE/4 SE/4	40.00	NM-0926-A 12/1/51 Ext. to 10/31/63	USA - 12 $\frac{1}{2}$ %	Sinclair Oil & Gas Company	Bernice L. McCoy Sabine Royalty Corp. Valley Investment Corp.	Sinclair Oil & Gas Company - All
						4.000% 1.125% 1.125% <u>6.250%</u>	
3	Sec. 2: Lots 1, 2, 3, 4; S/2 N/2	320.28	NM-04827-B 5/1/51 Ext. to 3/31/63	USA - 12 $\frac{1}{2}$ %	Phillips Petroleum Company	Ray Hobbs et al - \$500.00 per acre out of J. O. Stark et ux, Anna J. Stark	Phillips Petroleum Company - All
						3.000% <u>.500%</u> <u>3.500%</u>	
4	Sec. 9: SW/4 Sec. 11: SW/4; W/2 SE/4; SE/4 SE/4	440.00	NM-05551 7/1/51 Ext. to 5/31/63	USA - 12 $\frac{1}{2}$ %	Sinclair Oil & Gas Company	T. C. Stromberg et ux, June Stromberg Rex Wheatley et ux, Florence W. Wheatley R. A. Broomfield, Jr. V. I. Gates et ux, Nellie W. Gates Adele Spurgeon, a widow Trust for the Hill Foundation The Artesia Lumber Co.	Sinclair Oil & Gas Company - All
						.600% 1.000% .300% <u>4.000%</u>	

Tract Number	Description of Land	No. of Acres	Serial No. & Eff. Date of Lease	Basic Royalty & Percentage	Lessee of Record	Overriding Royalty and Percentage	Working Interest and Percentage
FEDERAL LANDS: (Continued)							
<u>T-21-S, R-23-E, NMPM</u>							
5	Sec. 15: NE/4	160.00	NM-05551-A 7/1/51 Ext. to 5/31/63	USA - 12 $\frac{1}{2}$ %	Marathon Oil Company	Valley Investment Corp. Sabine Royalty Corp.  \$120,000.00 oil payment out of 4%, owned as follows: T. C. Stromberg et ux, June Stromberg Rex Wheatley et ux, Florence W. Wheatley R. A. Broomfield, Jr. V. L. Gates et ux, Nellie W. Gates Adele Spurgeon, a widow The Artesia Lumber Co.  1.6875% .5625%  2.2500%	Marathon Oil Company - All
6	Sec. 11: NE/4 SE/4	40.00	NM-05551-B 7/1/51 Ext. to 5/31/63	USA - 12 $\frac{1}{2}$ %	Marathon Oil Company	T. C. Stromberg et ux, June Stromberg Rex Wheatley et ux, Florence W. Wheatley R. A. Broomfield, Jr. V. L. Gates et ux, Nellie W. Gates Adele Spurgeon, a widow Trust for the Hill Foundation The Artesia Lumber Co.  1.000% .300% 4.000%	Marathon Oil Company - All
8	Sec. 4: S/2 Sec. 9: N/2	640.00	NM-05607 9/1/51 Ext. to 7/31/63	USA - 12 $\frac{1}{2}$ %	Marathon Oil Company	None  --	Marathon Oil Company - All

Tract Number	Description of Land	No. of Acres	Serial No. & Eff. Date of Lease	Basic Royalty & Percentage	Lessee of Record	Overriding Royalty and Percentage	Working Interest and Percentage
FEDERAL LANDS: (Continued)							
T-21-S, R-23-E, NMPM							
9	Sec. 3: S/2	1,440.00	NM-05608	USA - 12 $\frac{1}{2}$ %	Marathon Oil Company	None	- - Marathon Oil Company - All
	Sec. 10: All		10/1/51				
	Sec. 11: N/2		Ext. to				
	Sec. 15: NW/4		8/31/63				
11	Sec. 9: W/2 SE/4	80.00	NM-051107	USA - 12 $\frac{1}{2}$ %	Marathon Oil Company	Bryan Bell - \$500.00 per acre out of	Marathon Oil Company - All

9 Federal Tracts (Leased) comprising 3,200.28 Acres or 76.92463% of Unit Area

STATE LANDS:							
T-21-S, R-23-E, NMPM							
12	Sec. 2: SW/4; N/2 SE/4; SE/4 SE/4	280.00	E-7906-2	State - 12 $\frac{1}{2}$ %	Marathon Oil Company	John D. McIntyre et ux, Eleanor F. McIntyre Charles B. Read et ux, Jean Read Norman L. Stevens, Jr. et ux, Marianne S. Stevens First Century Oil, Inc. Mildred M. Parker et vir, John R. Parker F. G. Breckenridge et ux, Ruby Breckenridge	Marathon Oil Company - All
							2.0000%
							1.5625%
							1.3125%
							.2500%
							.5625%
							.5625%
							6.2500%
							6.2500%
13	Sec. 2: SW/4 SE/4	240.00	E-10170	State - 12 $\frac{1}{2}$ %	Monsanto Chemical Company	None	- - Monsanto Chemical Company - All
	Sec. 16: NW/4 NW/4; SW/4 NE/4, NE/4 NE/4; N/2 SW/4		6/19/56				
14	Sec. 16: S/2 NW/4; NE/4 NW/4; NW/4 NE/4; SE/4 NE/4; S/2 SW/4; SE/4	440.00	K-1877	State - 12 $\frac{1}{2}$ %	Marathon Oil Company	None	- - Marathon Oil Company - All
			10/17/61				

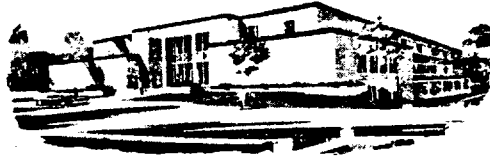
3 State Tracts (Leased) comprising 960.00 acres or 23.07537% of Unit Area

R E C A P I T U L A T I O N :

9 Federal Tracts (Leased)	3,200.28 Acres	76.92463% of Unit Area
3 State Tracts (Leased)	<u>960.00 Acres</u>	<u>23.07537% of Unit Area</u>
<u>Total</u>	4,160.28 Acres	100.00000% of Unit Area

State of New Mexico

#2779



JIM BACA  
COMMISSIONER

Commissioner of Public Lands

May 2, 1985

P.O. BOX 1148  
SANTA FE, NEW MEXICO 87504-1148  
Express Mail Delivery Uses  
310 Old Santa Fe Trail  
Santa Fe, New Mexico 87501

Marathon Oil Company  
P. O. Box 552  
Midland, Texas 79702

Re: 1985 Plan of Development  
North Indian Basin Unit  
Eddy County, New Mexico

ATTENTION: Mr. John P. Duddleston

Gentlemen:

The Commissioner of Public Lands has this date approved your 1985 Plan of Development for the North Indian Basin Unit Area, Eddy County, New Mexico. Such plan calls for no further drilling operations and consideration will be given to recompleting the North Indian Basin Unit Well No. 2 in the Wolfcamp formation. Our approval is subject to Like approval by the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA  
COMMISSIONER OF PUBLIC LANDS

BY: *Ray D. Graham*  
RAY D. GRAHAM, Director  
Oil and Gas Division  
AC 505/827-5744

JB/RDG/pm  
encls.

cc: OCD-Santa Fe, New Mexico  
BLM-Albuquerque, New Mexico  
BLM-Roswell, New Mexico



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
P. O. Box 1397  
Roswell, New Mexico 88201

IN REPLY  
REFER TO:

14-08-0001-8508  
3180 (060)

March 19, 1985

Marathon Oil Company  
Attention: John P. Duddleston  
P. O. Box 552  
Midland, Texas 79702

RE: 1985 Plan of Development  
North Indian Basin Unit  
Eddy County, New Mexico

Gentlemen:

We are in receipt of your letter dated December 12, 1984 which describes your 1985 Plan of Development for the North Indian Basin Unit, Eddy County, New Mexico.

Such plan proposing no new drilling and evaluation of the NIBU Well No. 2 for a possible recompletion in the Wolfcamp Formation is approved effective as of January 1, 1985.

Sincerely yours,

~~S/T: Kreager~~

Acting District Manager.

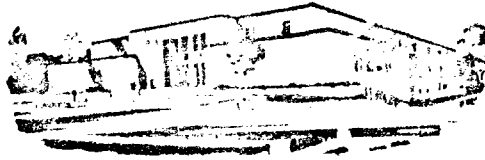
cc:

Commissioner of Public Lands, Santa Fe

NMOCD, Santa Fe

NMSO, Micrographics (943B)

# State of New Mexico



## Commissioner of Public Lands

February 18, 1981

ALEX J. ARMIJO  
COMMISSIONER

P. O. BOX 1148  
SANTA FE, NEW MEXICO 87501

2779

Marathon Oil Company  
P. O. Box 552  
Midland, Texas 79702

Re: North Indian Basin Unit  
Eddy County, New Mexico  
1981 PLAN OF DEVELOPMENT

ATTENTION: Mr. A. W. Hanley

Gentlemen:

The Commissioner of Public Lands has this date approved your 1981 Plan of Development for the North Indian Basin Unit, Eddy County, New Mexico. Your plan calls for no further drilling or recompletion operations. Our approval is subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Division.

Enclosed is one approved copy for your files.

Please remit a Three (\$3.00) Dollar filing fee.

Very truly yours,

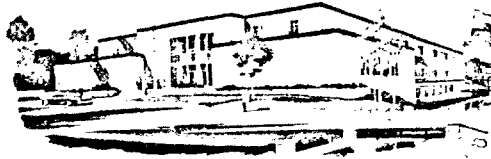
ALEX J. ARMIJO  
COMMISSIONER OF PUBLIC LANDS

BY:  
RAY D. GRAHAM, Director  
Oil and Gas Division  
AC 505-827-2748

AJA/RDG/s  
encls.

cc:           OCD-Santa Fe, New Mexico  
              USGS-Roswell, New Mexico  
              USGS-Albuquerque, New Mexico

State of New Mexico



Commissioner of Public Lands



GUYTON B. HAYS  
COMMISSIONER

P. O. BOX 1148  
SANTA FE, NEW MEXICO

January 16, 1967

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

Re: North Indian Basin Unit  
Eddy County, New Mexico

ATTENTION: Mr. Warren B. Leach, Jr.

Gentlemen:

The Commissioner of Public Lands has approved the Fourth Plan of Development for the North Indian Basin Unit, Eddy County, New Mexico. This Plan is for the period ending July 15, 1967, and provides for further study and evaluation of the geological information recently gained.

We are accepting for filing your First Amendment to the Third Plan of Development, which we acknowledge as an acceptable explanation as to the circumstances which prevented the drilling of a well in the SW/4 of Section 4, Township 21 South, Range 23 East, as proposed in the Third Plan of Development.

We are returning two approved copies of the Fourth Plan of Development.

Very truly yours,

GUYTON B. HAYS  
COMMISSIONER OF PUBLIC LANDS  
BY:

Ted Bilberry, Director  
Oil and Gas Department

GBH/MMR/s  
encls 2.



Marathon Oil Company  
Warren B. Leach, Jr.  
January 16, 1967  
Page 2.

cc: United States Geological Survey  
P. O. Drawer 1857  
Roswell, New Mexico

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

2771  
May 28, 1965

Marathon Oil Company  
P. O. Drawer 1398  
Roswell, New Mexico

Re: North Indian Basin Unit  
Eddy County, New Mexico  
Third Supplement to Second Plan  
of Development and Operation

Gentlemen:

The Commissioner of Public Lands approved as of May 28, 1965, the Third Supplement to Second Plan of Development and Operation for the North Indian Basin Unit, Eddy County, New Mexico. Our approval is subject to like approval by the United States Geological Survey.

Three originally signed copies of this instrument were handed to Mr. D. J. Sorenson on the date of the approval.

Very truly yours,

GUYTON B. HAYS  
COMMISSIONER OF PUBLIC LANDS

BY:

(Mr.) Ted Silberry, Director  
Oil and Gas Department

GBH/MMR/d  
Enclosure

cc: United States Geological Survey  
P. O. Drawer 1857, Roswell, New Mexico  
Attention: Mr. John A. Anderson

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

2779

1963 MAR 20 PM 2:20

March 20, 1963

Marathon Oil Company  
P. O. Box 3128  
Houston 1, Texas

Re: North Indian Basin Unit  
Eddy County, New Mexico

Attention: Mr. J. O. Terrell Couch

Dear Mr. Couch:

The Commissioner of Public Lands has approved as of March 20, 1963, the North Indian Basin Unit, Eddy County, New Mexico.

We are handing to you eight originally signed copies of our Certificate of Approval.

Also enclosed is our Official Receipt No. G-12404 in the amount of fifty five (\$55.00) dollars which covers the filing fee.

Very truly yours,

E. S. Johnny Walker  
COMMISSIONER OF PUBLIC LANDS

BY:  
(Mrs.) Marian M. Rhea  
Supervisor, Unit Division

ESW/nmr/e  
encl:

United States Geological Survey  
Roswell, New Mexico

Oil Conservation Commission  
Santa Fe, New Mexico

File 2779

THE OFFICE 1000

1963 MAR 11 PM 3:50

March 11, 1963

Marathon Oil Company  
P. O. Drawer 1398  
Roswell, New Mexico

Re: Proposed North Indian  
Basin Unit. Eddy  
County, New Mexico

Attention: Mr. D. J. Sorenson

This office approves as to form and content, your  
proposed North Indian Basin Unit Agreement, Eddy County,  
New Mexico.

Please submit the fifty five (\$55.00) dollar filing  
fee at your earliest convenience.

Very truly yours,

E. S. Johnny Walker  
COMMISSIONER OF PUBLIC LANDS

BY:  
(Mrs.) Marian M. Rhea  
Supervisor, Unit Division

ESW/mar/e

cc: United States Geological Survey  
Roswell, New Mexico

Oil Conservation Commission  
Santa Fe, New Mexico

GOVERNOR  
JACK M. CAMPBELL  
CHAIRMAN

*State of New Mexico*  
**Oil Conservation Commission**



LAND COMMISSIONER  
E. S. JOHNNY WALKER  
MEMBER

P. O. BOX 871  
SANTA FE

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

Mr. J. O. Terrell Couch  
Marathon Oil Company  
Post Office Box 3128  
Houston 1, Texas

Re: Case No. 2779  
Order No. R-2456  
Applicant:  
Marathon Oil Company

Dear Sir:

Enclosed herewith are two copies of the above-referenced Commission order recently entered in the subject case.

Very truly yours,

A. L. PORTER, Jr.  
Secretary-Director

ir/

Carbon copy of order also sent to:

Hobbs OCC   x  

Artesia OCC   x  

Aztec OCC           

OTHER                     Atwood & Malone - Roswell, New Mexico

MAIN OFFICE 000

1963 NOV 6 PM 1 00 Denver 1837  
Boswell, New Mexico 88201

November 1, 1963

Marathon Oil Company  
P. O. Box 3128  
Houston 1, Texas

Attention: Mr. I. G. Boswell

Gentlemen:

Your application of October 1, 1963, requests that we concur with your determination that the North Indian Basin Unit well No. 1 in the SW¼SW¼ sec. 10, T. 21 S., R. 23 E., Eddy County, New Mexico, on Federal lease NM 05648, is capable of producing unitized substances in paying quantities from the Upper Pennsylvanian and Morrow.

This well was completed on July 30, 1963, for an initial restricted potential test of 3,250 MCF of gas per day from the Cisco (Upper Pennsylvanian) 7,470 - 7,596 feet, and a calculated absolute open flow of 6,854 MCF of gas per day from the Morrow 9,118 - 9,172 feet.

This office concurs with your determination that the well is capable of producing unitized substances in paying quantities.

The North Indian Basin unit is considered a producing unit as of July 30, 1963, and all Federal leases committed to the unit are extended so long as such leases remain subject to the unit agreement, pursuant to sec. 18(e) thereof.

Sincerely yours,

(Orig. S&D.) JOHN A. ANDERSON

JOHN A. ANDERSON  
Regional Oil & Gas Supervisor

cc:  
BLM - Santa Fe  
Washington (w/cy of determination)  
Artesia (w/cy of determination)  
NM Com. of Pub. Lands - Santa Fe (ltr. only)  
Accounts

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

April 8, 1963

Mr. John H. Bevan, Jr., Attorney  
Marathon Oil Company  
Southern National Bank Building  
P. O. Box 3128  
Houston 1, Texas

Re: Case No. 2779, Order No. R-2456,  
North Indian Basin Unit Area,  
Eddy County, New Mexico

Dear John:

Thank you for your letter of April 2, 1963, enclosing a copy of the ratification of the above unit agreement executed by Virginia W. Hill. Please disregard the paragraph in Order No. R-2456 which requires the unit operator to file an executed original or counterpart of the unit agreement within 30 days after the effective date thereof. Our files do reflect executed copies that you filed at the hearing. This paragraph was inserted as a standard provision in our unit orders and will require no further action on your part.

I enjoyed the opportunity of getting together with you the last time you were in town and look forward to seeing you again in the future.

Very truly yours,

J. M. DURRETT, Jr.,  
Attorney

JMD/esr

C  
O  
P  
Y

2779  
FEB 5 1964  
February 4, 1964

Marathon Oil Company  
P. O. Box 3128  
Houston 1, Texas

Re: North Indian Basin Unit Area  
Eddy County, New Mexico  
First Plan of Development and  
Operation

Attention: Mr. John H. Bevan, Jr.

Gentlemen:

The Commissioner of Public Lands approves as of February 4, 1964, your Plan of Development and Operation for the period of January 15, 1964 to January 15, 1965, for the North Indian Basin Unit Agreement.

We are returning two approved copies of this Plan of Development.

Very truly yours,

E. S. JOHNNY WALKER  
COMMISSIONER OF PUBLIC LANDS

BY:  
(Mrs.) Marian M. Rhea, Supervisor  
Unit Division

ESW/mmr/v

cc: Oil Conservation Commission  
Santa Fe, New Mexico

United States Geological Survey  
Roswell, New Mexico





MARATHON OIL COMPANY  
FORMERLY THE OHIO OIL COMPANY

LEGAL DEPARTMENT

J. O. TERRELL COUCH  
DIVISION ATTORNEY

JOHN H. BEVAN, JR.

WARREN B. LEACH, JR.

JACK FARIES

RICHARD G. RORSCHACH  
ATTORNEYS

SOUTHERN NATIONAL BANK BUILDING  
P. O. BOX 3128  
HOUSTON 1, TEXAS

April 2, 1963

Re: Case No. 2779  
Order No. R-2456  
North Indian Basin Unit Area  
Eddy County, New Mexico

Mr. J. M. Durrett  
General Counsel  
New Mexico Oil Conservation Commission  
P. O. Box 871  
Santa Fe, New Mexico

Dear Mr. Durrett:

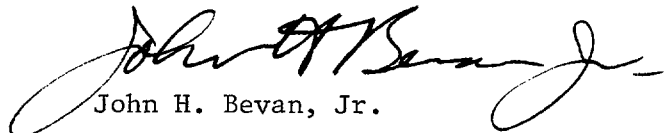
Enclosed for your files in connection with the subject unit is a copy of the Ratification of the Unit Agreement executed by Virginia W. Hill, Individually and as Executrix of the Estate of Charles S. Hill, deceased. Virginia W. Hill is the owner of certain overriding royalty interests in the Unit Area, and this Ratification was not available at the time of our hearing before the Examiner on March 20, 1963.

Under paragraph number (5), commencing on the second page of the copy of the order furnished us, the order recites that Unit Operator shall file with the Commission an executed original or counterpart of the Unit Agreement within thirty days after the effective date thereof. At the hearing we had an executed counterpart executed by all the working interest owners, plus certain executed Ratifications by overriding royalty owners, and, as I recall, delivered to you photo copies of these instruments.

The executed instruments are in rather short supply, and it was our understanding at the time of the hearing that the copy furnished you would be sufficient for the purposes of the Commission. If this is not correct, please advise me.

Again we want to thank you for your assistance in expediting this matter, and we hope to see you again in the near future.

Yours very truly,

  
John H. Bevan, Jr.

JHB:LL  
Enc.

CONSENT AND RATIFICATION OF  
NORTH INDIAN BASIN UNIT AGREEMENT  
COVERING LANDS IN THE NORTH INDIAN  
BASIN UNIT AREA, 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 North Indian Basin Unit Area, embracing lands situated in Eddy County, New Mexico, which said Agreement is dated the 11th day of March, 1963, and acknowledge that they have read the same and are familiar with the terms and conditions thereof. The undersigned, being the owners of overriding royalty interests in the lands or minerals embraced in said Unit Area, do hereby commit all of their respective interests to the North Indian Basin Unit Agreement and do hereby consent thereto and ratify and agree to be bound by 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.

_____ _____ _____ _____ _____ _____ _____ _____ _____ _____	_____ <u>Virginia W. Hill</u> _____ _____ _____ _____ _____ _____ _____ _____
----------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------

STATE OF Colorado      X  
City and Denver      X  
COUNTY OF Denver      X

Individually and in the capacity stated

The foregoing instrument was acknowledged/before me this 25th day of March, 1963, by Virginia W. Hill, Individually and as Executrix of Estate of Charles S. Hill, Deceased.

My Commission Expires: April 12, 1965      Donald L. Melvin



MARATHON OIL COMPANY

FORMERLY THE OHIO OIL COMPANY

LEGAL DEPARTMENT

J. O. TERRELL COUCH  
DIVISION ATTORNEY

JOHN H. BEVAN, JR.

WARREN B. LEACH, JR.

JACK FARISS

RICHARD G. RORSCHACH  
ATTORNEYS

SOUTHERN NATIONAL BANK BUILDING  
P. O. BOX 3128  
HOUSTON 1, TEXAS

March 7, 1963

Re: Unit Agreement for North Indian Basin  
Unit Area, including 5,785.69 Acres,  
more or less, in T-20½-S and T-21-S,  
R-23-E, N.M.P.M., Eddy County, New Mexico

New Mexico Oil Conservation Commission  
P. O. Box 871  
Santa Fe, New Mexico

Attention: Mr. Jim Durrett

Gentlemen:

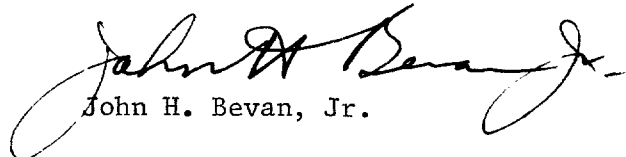
Enclosed in triplicate is Marathon's Application for approval of the subject Unit Agreement. We certainly appreciate your cooperation in setting this matter for hearing on March 20, 1963.

Attached to the Application is a list of the interested parties, including the working interest owners, which are, other than Marathon, Phillips Petroleum Company, Sinclair Oil & Gas Company, and Monsanto Chemical Company. All of the parties listed on the attachment showing interested parties following the name of Monsanto are overriding royalty interest owners.

We are forwarding copies of this Application to the U.S.G.S. and to the working interest owners and intend to either mail or personally hand each of the overriding royalty interest owners listed a copy of this Application, along with a copy of the Unit Agreement, in the near future, more than likely sometime next week. Of course, as shown in the Application, a copy of the Application with Unit Agreement is being forwarded this date to the Land Commissioner.

Again, thank you for your assistance.

Yours very truly,

  
John H. Bevan, Jr.

JHB:LL  
Attach.

DOCKET MAILED

Date 3/11/63

ATWOOD & MALONE

LAWYERS

118 MAR 12 AM 10:33

JEFF D. ATWOOD (1883-1960)  
ROSS L. MALONE  
CHARLES F. MALONE  
RUSSELL D. MANN  
PAUL A. COOTER  
BOB F. TURNER  
ROBERT A. JOHNSON

P. O. DRAWER 700  
TELEPHONE 505 622-6221  
SECURITY NATIONAL BANK BUILDING  
ROSWELL, NEW MEXICO

March 11, 1963

Mr. A. L. Porter, Jr.  
Oil Conservation Commission  
State Land Office Building  
Santa Fe, New Mexico

RE: Examiner Hearing of March 20, 1963,  
Case No. 2779

Dear Mr. Porter:

This will constitute the Entry of Appearance of our firm in behalf of Marathon Oil Company in Case No. 2779.

Mr. J. O. Terrell Couch and Mr. John H. Bevans, Jr., of Marathon Oil Company, will also appear in the matter.

Thank you for your kind attention and with regards,

Very truly yours,

ATWOOD & MALONE

By: 

CFM/tc

cc: J. O. Terrell Couch (2)  
Division Attorney  
Marathon Oil Company  
P. O. Box 3128  
Houston 1, Texas