



United States Department of the Interior

GEOLOGICAL SURVEY

FEB 21 1978

FEB 21 1978

CONSERVATION COMM.

Robert M. Enfield
P. O. Box 2431
Santa Fe, New Mexico 87501

No. 6239

Dear Mr. Enfield:

Your application of January 30, 1978, filed with the Assistant Area Oil and Gas Supervisor, Roswell, New Mexico, requests the designation of the North Lake McMillan unit area embracing 3,194.46 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 30 CFR 226, the land requested as outlined on your plat marked "Exhibit 'A' North Lake McMillan unit" is hereby designated as a logical unit area.

As proposed by your application, the Federal Form of Unit Agreement for Unproved Areas (1968 reprint) should be used with the appropriate language required for the inclusion of fee land and with the further addition of the words "as amended" inserted after (30 F.R. 12319) in Section 26, Nondiscrimination. Also, as a new section in the subject agreement, insert the words "Nothing in this agreement shall modify the special, Federal-lease stipulations applicable to lands under the jurisdiction of the Bureau of Reclamation." Such agreement should provide for the drilling of the initial exploratory well to test all formations of Pennsylvanian Age or to a depth of 10,000 feet.

If conditions are such that further modification of said standard form is deemed necessary, three copies of the proposed modifications with appropriate justification must be submitted to this office through the Oil and Gas Supervisor for preliminary approval.

In the absence of any other type of land requiring special provisions or of any objections not now apparent, a duly executed agreement identical with said form, modified as outlined above, will be approved if submitted in approvable status within a reasonable period of time. However, notice is hereby given that the right is reserved to deny approval of any executed agreement submitted which, in our opinion, does not have the full complement of sufficient lands to afford effective control of operations in the unit area.

ILLEGIBLE

B 2 1 1973

When the executed agreement is transmitted to Roswell, New Mexico, for the Supervisor's approval, include the latest status of all acreage. In preparation of Exhibits "A" and "B", follow closely the format of the sample exhibits attached to the 1968 reprint of the aforementioned form.

Sincerely yours,



Regional Conservation Manager
For the Director

Bureau of Reclamation
Herring Plaza Box H-4377
Amarillo, Texas 79101

NMOCC, Santa Fe, New Mexico ← This Copy for

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

March 16, 1979

Robert N. Enfield
P. O. Box 2431
Santa Fe, New Mexico 87501

Re: Case No. 6239
North Lake McMillan Unit
1979 Plan of Development

Gentlemen:

We hereby approve the 1979 Plan of Development for the North Lake McMillan Unit, Eddy County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands.

One approved copy of the Plan of Development is returned herewith.

Yours very truly,

JOE D. RAMEY
Director

JDR/LT/fd
enc.

cc: U.S.G.S. - Roswell
Commissioner of Public Lands

C
O
P
Y

OIL AND GAS



ROBERT N. ENFIELD · P.O. BOX 2431 · SANTA FE, N.M. 87501 · 505-988-2863

March 14, 1979

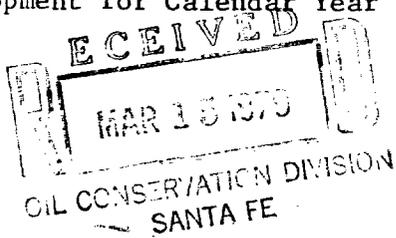
RE: North Lake McMillan Unit #1
Eddy County, New Mexico

United States Geological Survey
P. O. Drawer 1857
Roswell, New Mexico 88201

Attn: Jim Gillham

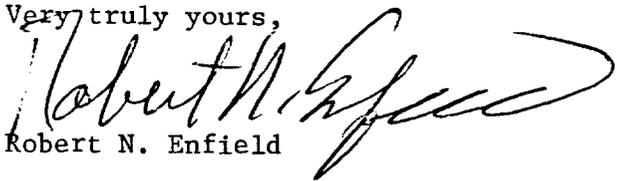
Dear Jim:

Attached hereto are the original and six copies of Plan of Operation/
Development for Calendar Year 1979, North Lake McMillan Unit.



RNE/ml
Attach.

Very truly yours,


Robert N. Enfield

cc: Oil Conservation Commission

PLAN OF OPERATION/DEVELOPMENT
FOR CALENDAR YEAR 1979
NORTH LAKE McMILLAN UNIT (NO. 14-08-0001-16909)
EDDY COUNTY, NEW MEXICO

TO THE OIL AND GAS SUPERVISOR (6)
UNITED STATES GEOLOGICAL SURVEY
P. O. DRAWER 1857
ROSWELL, NEW MEXICO 88201

OIL CONSERVATION COMMISSION (2)
STATE OF NEW MEXICO
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

*No. 6239
Approved*

Gentlemen:

In compliance with Section 10 of the North Lake McMillan Unit Agreement dated June 15, 1978, Robert N. Enfield, As Unit Operator, hereby submits for your approval a Plan of Operation/ Development for the Year 1979.

SUMMARY OF 1978 OPERATIONS

The North Lake McMillan Unit #1 well was drilled at a location 1980 feet from the South line and 1980 from the East line of Section 12, T-19-S, R-26-E, Eddy County, New Mexico. The well was drilled to a total depth of 9945 feet and tested the Morrow (non-commercial) and completed in the Atoka formation between the intervals of 9201 - 9482 feet with a Calculated Absolute Open Flow of 2047 MCF.

Other Items Affecting Unit Operations:

Although negotiations are continuing with El Paso Natural Gas Pipeline to secure a pipeline connection, it does appear very possible that a temporary sales line will be laid on the surface by May 1, 1979 from the North Lake McMillan Unit #1 well. At this time, Robert N. Enfield, as Unit Operator, does not feel that he can make a determination if the North Lake McMillan Unit #1 well is capable of "producing in paying quantities" until we have run additional production tests. It is presumed

that the temporary sales connection with El Paso will establish whether this well is capable of commercial production.

PROPOSED DEVELOPMENT DURING 1979

At the present time, due to the lack of a secure market for gas and inability of Robert N. Enfield, as Unit Operator, to establish that the North Lake McMillan Unit #1 well is a commercial producer, we do not anticipate any drilling in this calander year.

MODIFICATION

It is understood that portions of this Plan of Operation/Development outlined above are dependent upon certain information to be obtained prior and subsequent to the proposed work as well as other contingencies, and for these reasons, this Plan of Operation/Development may be modified from time to time with like approval to meet changing conditions.

EFFECTIVE DATE

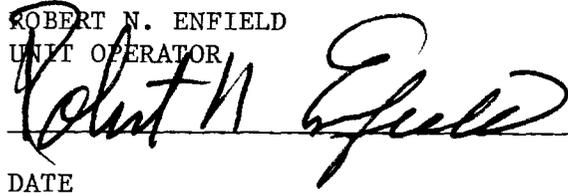
This Plan of Operation/Development shall be effective upon approval by the Supervisor and Commission.

DATE: March, 1979.

TERM

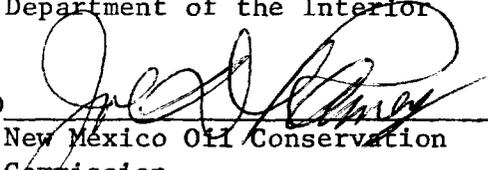
This Plan of Operation/Development is submitted for the period ending December 31, 1979. Prior to that date, another Plan of Operation/Development will be submitted for approval.

ROBERT N. ENFIELD
UNIT OPERATOR



DATE _____

APPROVED _____
Department of the Interior

APPROVED 
New Mexico Oil Conservation
Commission

DATE March 16, 1979



United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Box 26124
Albuquerque, New Mexico 87125

October 17, 1978

Robert W. Enfield
P. O. Box 2431
Santa Fe, New Mexico 87501

Dear Mr. Enfield:

We acknowledge receipt of the following joinders to the North Lake McMillan unit agreement, Eddy County, New Mexico:

1. Joinder to the unit agreement by Thomas G. and wife, Pat Panos, filed with this office on September 28, 1978.
2. Subsequent joinder to the North Lake McMillan unit agreement and unit operating agreement executed by Robert W. Enfield and wife, Mona L. Enfield, covering all current and future interests in the unit area, filed with this office on October 16, 1978.

The above described joinders are hereby accepted for record purposes subject to like acceptance by the New Mexico Oil Conservation Division. Pursuant to the appropriate provisions of the North Lake McMillan unit agreement, lease NM-A-34256 (unit tract 9) will be considered fully committed to the agreement as of the effective date of the lease. One copy of the joinder described by item No. 2 above is returned herewith as surplus to our needs.

Copies of the joinders are being distributed to the appropriate Federal offices.

Sincerely yours,

(ORIG. SGD.) JACK WILLOCK

JACK WILLOCK
Acting Oil and Gas Supervisor, SDWA

Enclosure

cc:
BLM, Santa Fe (w/cy joinders)
NMOCD, Santa Fe (w/cy joinders)

NOTE TO BLM: The attached joinders fully commit lease offer NM-A-34256 to the unit agreement since you have advised this office that assignments in approvable condition are pending by which R. Enfield & wife acquire the working interest in the lease, upon issuance of the lease.

PLEASE THIS COPY FOR

NOTED



207 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210

TELEPHONE (505) 746-3558

S. P. YATES
PRESIDENT
MARTIN YATES, III
VICE PRESIDENT
JOHN A. YATES
VICE PRESIDENT
B. W. HARPER
SEC.-TREAS

October 5, 1978

Notice Acceptable

Date: OCT 17 1978

Beard Oil Company
2000 Classen Center, 200 South
Oklahoma City, Oklahoma 73106

Jack Willard
ACTING Oil & Gas Supervisor

Attention: Mr. Jack Isley

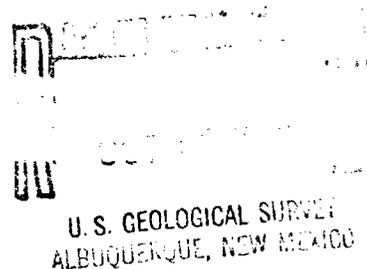
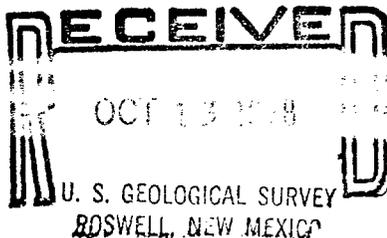
Re: Communitization Agreement dated 8/1/78
Township 17 South, Range 24 East, NMPM
Section 18: N $\frac{1}{2}$
Eddy County, New Mexico

Gentlemen:

The undersigned, Yates Petroleum Corporation, Yates Drilling Company, MYCO Industries, Inc., and ABO Petroleum Corporation, hereby designates Beard Oil Company to be Successor Operator on captioned Communitization Agreement as set out in Paragraph 3 of same.

YATES PETROLEUM CORPORATION
YATES DRILLING COMPANY
MYCO INDUSTRIES, INC.
ABO PETROLEUM CORPORATION

By: [Signature]
Jack W. McCaw - Assistant Secretary





United States Department of the Interior

GEOLOGICAL SURVEY

SEP 21 1978
P. O. Box 26124
Albuquerque, New Mexico 87125

SEP 18 1978

Mr. Robert J. Enfield
P. O. Box 2431
Santa Fe, New Mexico 87501

Ms. U239

Dear Mr. Enfield:

This is to inform you that our approval letter dated September 11, 1978, for the North Lake McMillan unit agreement, No. 14-03-0001-16909, was inadvertently spelled North Lake McMillian unit agreement. Please correct your records accordingly.

Sincerely yours,

(ORIG. SGD.) JAMES W. SUTHERLAND

Oil and Gas Supervisor, SRMA

CC:
NMOCD, Santa Fe ← This Copy for



United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Box 26124
Albuquerque, New Mexico 87125

September 11, 1978

Mr. Robert H. Enfield
P. O. Box 2431
Santa Fe, New Mexico 87501

no. 6239

Dear Mr. Enfield:

One approved copy of the North Lake McMillan unit agreement, Eddy County, New Mexico, with Robert H. Enfield as unit operator, is enclosed. Such agreement has been assigned No. 14-08-0001-16900 and is effective the same date as approved.

You are requested to furnish the Oil Conservation Division of the State of New Mexico and all other interested principals with appropriate evidence of this approval.

Sincerely yours,

Oil and Gas Supervisor, SMOA

Enclosure

cc:

NMOCD, Santa Fe (ltr. only) ← This Copy for



UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY
 South Central Region
 P.O. Box 26124
 Albuquerque, New Mexico 87125

6239

RECEIVED
 SEP 15 1980

12 SEP 1980

Robert M. Enfield
 P. O. Box 2431
 Santa Fe, New Mexico 87501

OIL CONSERVATION DIVISION
 SANTA FE

Dear Mr. Enfield:

The North Lake McMillan Unit Agreement, Eddy County, New Mexico, was approved September 11, 1978 by the Area Oil and Gas Supervisor, effective as of the date of approval. The term of such agreement is contingent upon the unit operator drilling one well at a time, allowing not more than six months' time between the completion of one well and the beginning of the next, until a well capable of producing unitized substances in paying quantities is completed.

Our records show that the initial test well was completed as a non-commercial producer on December 29, 1978, making the second unit test well due to be commenced by June 29, 1979.

Inasmuch as the second unit test well was not commenced, the North Lake McMillan Unit Agreement is considered to have terminated automatically as of June 29, 1979, pursuant to Section 9 of the unit agreement.

Sincerely yours,

(ORIG. SGD.) JACK WILLOCK

FOR: Gene P. Daniel
 Acting Deputy Conservation Manager
 Oil and Gas

cc:
 BLM, Santa Fe
 → NMOC, Santa Fe
 DCM-RE
 Artesia subdistrict
 File
 ACF
 RRF

NOTE TO BLM: All Federal leases committed to the North Lake McMillan Unit Agreement should be considered for two-year extensions pursuant to 43 CFR 3107.5, as applicable.

JGLara: gem 9-9-80

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

February 20, 1980

Robert N. Enfield
P. O. Box 2431
Santa Fe, New Mexico

Re: Case No. 6239
North Lake McMillan Unit
Extension of Filing 1980
Plan of Operation/Development

Dear Mr. Enfield:

We hereby approve the extension of the filing date for the 1980 Plan of Operation/Development for the North Lake McMillan Unit, Eddy County, New Mexico, to July 1, 1980, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands.

Yours very truly,

JOE D. RAMEY
Director

JDR/EP/fd

cc: U.S.G.S. - Roswell
Commissioner of Public Lands

C
O
P
Y

January 25, 1980

6237

RE: NORTH LAKE McMILLAN UNIT
Contract No. 14-08-0001-16909
1980 Plan of Operation/Development
Eddy County, New Mexico

U. S. G. S.
Attn: Jack Willock
P. O. Box 26124
Albuquerque, NM 87125

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

Gentlemen:

As I discussed with you on the phone this week, Southland Royalty Company has staked a 10,800' Morrow test 1980' FS&EL of Section 20, T-19-S, R-27-E, Eddy County. I presume they will commence drilling in the very near future. As this well is 3/4 of a mile from the southeast boundary of the North Lake McMillan Unit, I would like to have the opportunity of waiting for completion of this well before making a decision on subsequent drilling.

As I am sure you realize, all of the federal land is Bureau of Reclamation land and all leases have numerous stipulations as to drilling. I believe unitization still offers the best method of development in this difficult area.

Further, if you will note by Schedule "B" of the Unit Agreement, the earliest expiration of a committed lease is Tract 5, NM-A 27810, expiring August 1, 1986. Also no fee lands would be extended if I am granted an extension until July 1, 1980 to file the 1980 Plan of Operation/Development.

Very truly yours,

Robert N. Enfield
Robert N. Enfield

RNE/ml
cc: Unit Working Interest Owners

2/1/80
65
3/1