



STATE OF NEW MEXICO  
**ENERGY AND MINERALS DEPARTMENT**  
OIL CONSERVATION DIVISION

TONEY ANAYA  
GOVERNOR

July 12, 1983

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-5800

El Paso Natural Gas Co.  
P.O. Box 1492  
El Paso, Texas 79978

Attention: D. N. Canfield

Re: Unit Agreements  
Northwest New Mexico

Dear Mr. Canfield:

Enclosed please find the approved copies of the material referenced above. Such approval is contingent upon like approval by the Commissioner of Public Lands and the United States Minerals Management Service.

Sincerely,

A handwritten signature in dark ink, appearing to read "Roy E. Johnson", written over a horizontal line.

ROY E. JOHNSON  
Petroleum Geologist

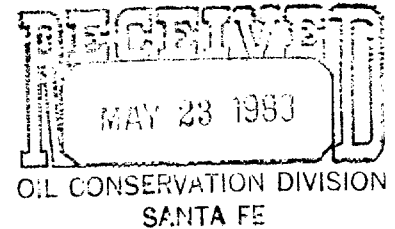
REJ/dp

cc: Commissioner of Public Lands - Santa Fe  
Minerals Management Service - Albuquerque  
OCD District Office - Aztec

**El Paso**  
Exploration Company

P. O. BOX 1492  
EL PASO, TEXAS 79978  
PHONE: 915-541-2600

May 18, 1983



Bureau of Land Management  
South Central Region  
505 Marquette Avenue, N.W., Suite 815  
Albuquerque, New Mexico 87102

*Case  
159*

Commissioner of Public Lands  
State of New Mexico  
Post Office Box 1148  
Santa Fe, New Mexico 87501

Oil Conservation Division  
State of New Mexico  
Post Office Box 2088  
Santa Fe, New Mexico 87501

Re: Lindrith Unit  
Rio Arriba County, New Mexico  
Twenty-fifth, Twenty-sixth and  
Twenty-seventh Expanded Participating  
Area Pictured Cliffs Formation, effective  
November 1, 1979, January 1, 1981, and  
July 1, 1981, respectively

Gentlemen:

Please be advised that the approval for the referenced expansions was received from the following agencies on the listed dates:

Bureau of Land Management	12-27-82
Commissioner of Public Lands	12-29-82
Oil Conservation Division	12-09-82

All working interest owners were given copies of the schedules for the respective formations by letter dated November 22, 1982.

Very truly yours,

Mary L. Broadus  
Landman  
Land Department

MLB:ljg  
Lindrith Unit, 4.1, 5.0

cc: Lindrith Unit Pictured Cliffs  
Formation Working Interest Owners

LINDRITH UNIT  
WORKING INTEREST OWNERS

Conoco, Inc.

Mobil Oil Corporation (3)

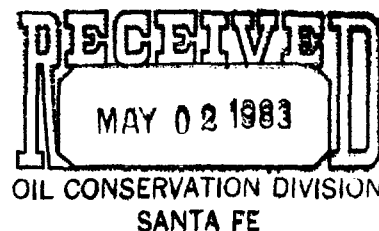
Tenneco Oil Company

**El Paso**  
Exploration Company

P. O. BOX 1492  
EL PASO, TEXAS 79978  
PHONE: 915-541-2600

April 27, 1983

Bureau of Land Management  
South Central Region  
505 Marquette Avenue, N.W., Suite 815  
Albuquerque, New Mexico 87102



Commissioner of Public Lands  
State of New Mexico  
Post Office Box 1148  
Santa Fe, New Mexico 87501

Oil Conservation Division  
State of New Mexico  
Post Office Box 2088  
Santa Fe, New Mexico 87501

Re: Lindrith Unit  
Rio Arriba County, New Mexico  
Twenty-Seventh Expanded Participating  
Area, Pictured Cliffs Formation  
Effective July 1, 1981

Gentlemen:

It has been brought to our attention that the Twenty-Seventh Expanded Participating Area for the Pictured Cliffs Formation included a description error in Tract 1. The description read "T-24-N, R-3-W"; it should read "T-24-N, R-2-W".

Enclosed is a corrected page 1 for Schedule XXVIII for the Twenty-Seventh Expanded Participating Area. Please substitute this for the page 1 originally submitted. A copy of this letter is being sent to all working interest owners.

Very truly yours,

*Mary Jane Broaddus*  
Mary L. Broaddus  
Landman  
Land Department

MLB:ljg  
Enclosure  
Lindrith Unit, 4.1, 5.0

cc: Dayne Adams  
T. L. Cruikshank (2)  
Whitney Stevens  
Mr. David Tuchenhausen  
Joe D. Stevens, Res. Eng.  
David Poage

LINDRITH UNIT  
WORKING INTEREST OWNERS

Conoco, Inc.

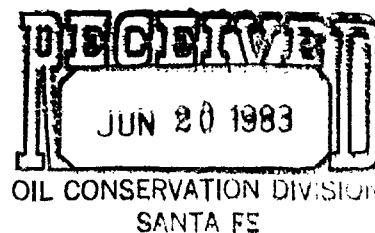
Mobil Oil Corporation (3)

Tenneco Oil Company

SCHEDULE XXVIII  
 TWENTY-SEVENTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION  
 LINDRITH UNIT AREA

TRIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
SF 078907	T-24-N, R-2-W	160.00				1.119927%
	Sec. 6: SE/4		Royalty; Working Interest: El Paso Natural Gas Co.; ORRI;	12.500000%	12.500000%	
				74.218750%	74.218750%	
				13.281250%	13.281250%	
			TOTAL	100.000000%	100.000000%	
SF 078908	T-24-N, R-2-W	627.88				4.394876%
	Sec. 8: NE/4		Royalty; Working Interest: El Paso Natural Gas Co.; ORRI;	12.500000%	12.500000%	
	Sec. 17: N/2 NW/4, S/2 SW/4			74.218750%	74.218750%	
	Sec. 18: Lots 1, 2, 4, E/2 NW/4, SE/4 SW/4, S/2 SE/4			13.281250%	13.281250%	
			TOTAL	100.000000%	100.000000%	
SF 078909	T-24-N, R-2-W	1664.29				11.649276%
	Sec. 19: Lots 3, 4, E/2 SW/4, SE/4		Royalty; Working Interest: El Paso Natural Gas Co.; ORRI;	12.500000%	12.500000%	
	Sec. 20: All			74.218750%	74.218750%	
	Sec. 21: S/2			13.281250%	13.281250%	
	Sec. 30: Lots 1, 2, E/2 NW/4, NE/4			100.000000%	100.000000%	
	T-24-N, R-3-W			TOTAL		
	Sec. 24: E/2 SE/4				100.000000%	100.000000%

June 8, 1983



Bureau of Land Management  
South Central Region  
505 Marquette Avenue, N.W., Suite 815  
Albuquerque, New Mexico 87102

Commissioner of Public Lands  
State of New Mexico  
Post Office Box 1148  
Santa Fe, New Mexico 87501

Oil Conservation Division  
State of New Mexico  
Post Office Box 2088  
Santa Fe, New Mexico 87501

Re: Lindrith Unit I Section No. 713  
Rio Arriba County, New Mexico  
1983 Drilling Program

Gentlemen:

By letter dated March 31, 1982, El Paso Natural Gas Company, as Unit Operator of the Lindrith Unit, filed a Drilling Program covering the subject Unit for the calendar year 1982 providing for the drilling of four (4) Pictured Cliffs wells (#105, #109, #110, #111). All wells were drilled outside the Pictured Cliffs Participating Area and are currently being tested to determine whether each will be commercial thereby causing an expansion.

As of this date, the total number of wells in the Lindrith Unit is as follows:

Pictured Cliffs (Gas)	92
Pictured Cliffs (Non-commercial)	5
Pictured Cliffs, Being Evaluated	4
Dakota	1
Gallup	1
Plugged and Abandoned	12
	<u>115</u>

Regulatory Agencies  
June 8, 1983  
Page Two

Pursuant to Section 9 of the Lindrith Unit Agreement, El Paso Natural Gas Company, as Unit Operator, is submitting this Drilling Program providing for the drilling of no wells during the calendar year 1983.

All working interest owners have been contacted, and this Drilling Program meets their approval. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.


El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

  
D. N. Canfield  
Attorney-in-Fact

DNC:MLB:ljg  
Attachment  
Lindrith Unit, 3.0



LINDRITH UNIT  
WORKING INTEREST OWNERS

Conoco, Inc.

Mobil Oil Corporation (3)

Tenneco Oil Company

APPROVED:

Minerals Management Service  
(Subject to like approval by the  
Commissioner of Public Lands and  
the Oil Conservation Division)


DATED: \_\_\_\_\_

APPROVED:

Commissioner of Public Lands  
(Subject to like approval by the  
Minerals Management Service and  
the Oil Conservation Division)

DATED: \_\_\_\_\_

APPROVED:

  
Oil Conservation Division  
(Subject to like approval by the  
Minerals Management Service and  
the Commissioner of Public Lands)

DATED: 6-23-83

The foregoing approvals for the 1983 Drilling Program for the Lindrith Unit I,  
Section No. 713, Rio Arriba County, New Mexico.

# State of New Mexico



JIM BACA  
COMMISSIONER



## Commissioner of Public Lands

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

July 6, 1983

#159

El Paso Natural Gas Company  
P.O. Box 1492  
El Paso, Texas 79978

Re: 1983 Plan of Development  
Lindrith Unit  
Rio Arriba County, New Mexico

ATTN: Mr. D. N. Canfield

Gentlemen:

The Commissioner of Public Lands has this date approved your 1983 Plan of Development for the Lindrith Unit, Rio Arriba County, New Mexico. Such plan calls for no drilling of wells during the calendar year of 1983. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is one approved copy for your files.

Very truly yours,

JIM BACA  
COMMISSIONER OF PUBLIC LANDS

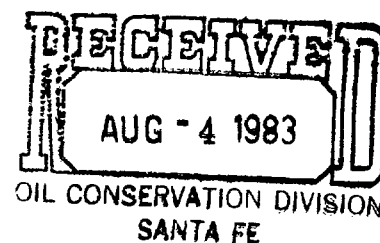
BY: RAY D. GRAHAM  
Director  
Oil and Gas Division  
AC/505-827-5744

JB/RDG/cm

Enclosure

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

July 29, 1983



Bureau of Land Management  
South Central Region  
505 Marquette Avenue, N.W., Suite 815  
Albuquerque, New Mexico 87102

Commissioner of Public Lands  
State of New Mexico  
Post Office Box 1148  
Santa Fe, New Mexico 87501

Oil Conservation Division  
State of New Mexico  
Post Office Box 2088  
Santa Fe, New Mexico 87501

Re: Lindrith Unit, I Section NO. 713  
Rio Arriba County, New Mexico  
1983 Drilling Program

Gentlemen:

The 1983 Drilling Program for the Lindrith Unit was approved by the regulatory bodies on the dates indicated:

Bureau of Land Management	7-13-83
Commissioner of Public Lands	7-6-83
Oil Conservation Commission	6-23-83

Copies of this letter are being sent to the working interest owners of the above unit.

Very truly yours,

A handwritten signature in cursive script that reads "Van L. Goebel".

Van L. Goebel  
Landman  
Land Department

VLG:cc  
Lindrith Unit, 3.0

LINDRITH UNIT  
WORKING INTEREST OWNERS

Conoco, Inc.

Mobil Oil Corporation (3)

Tenneco Oil Company



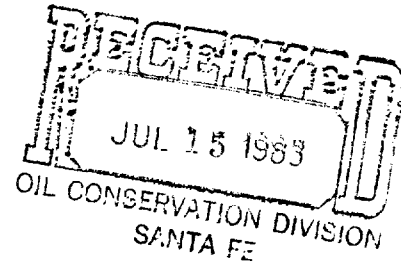
IN REPLY  
REFER TO:

# United States Department of the Interior

3100.6 01037

BUREAU OF LAND MANAGEMENT  
505 Marquette Avenue N.W., Suite 815  
Albuquerque, New Mexico 87102

JUL 15 1983



El Paso Natural Gas Company  
Attention: Mr. D. N. Canfield  
P. O. Box 1492  
El Paso, Texas 79978

Gentlemen:

Three approved copies of your 1983 plan of development for the Lindrith unit area, Rio Arriba County, New Mexico, are enclosed. Such plan, proposing to drill no wells during the calendar year 1983 was approved on this date subject to like approval by the appropriate officials of the state of New Mexico.

Sincerely yours,

(ORIGINAL FILED IN W. SHELTON)

James W. Shelton  
Assistant District Manager  
for Minerals

Enclosures

cc:  
Commissioner of Public Lands  
NMOCD ✓  
Farmington RA (w/encl.)

# State of New Mexico



ALEX J. ARMIJO  
COMMISSIONER

## Commissioner of Public Lands

December 29, 1982

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

El Paso Exploration Company  
P. O. Box 1492  
El Paso, Texas 79978

#159

Re: Lindrith Unit Agreement  
Rio Arriba County, New Mexico  
Twenty-fifth, Twenty-sixth  
and Twenty-seventh Expanded  
Participating Areas  
Pictured Cliffs Formation

ATTENTION: Mr. James R. Permenter

Gentlemen:

The Commissioner of Public Lands has this date approved your application for Approval of the Twenty-fifth, Twenty-sixth and Twenty-seventh Expanded Participating Areas for the Pictured Cliffs Formation effective November 1, 1979, January 1, 1981, and July 1, 1981. Such revisions are based upon the information obtained by the completion of the unit wells Nos. 96, 98, 99, 100, 101, 102, 103, 104, 107, Jelly Dog Jerry #1, Jelly Dog Jerry #2, Joann's Jewel #2, and Di's Delight #1. Our approval is subject to like approval by the United States Minerals Management Service and the New Mexico Oil Conservation Division.

Enclosed is an approved copy for your files.

Very truly yours,

ALEX J. ARMIJO  
COMMISSIONER OF PUBLIC LANDS

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

AJA/RDG/pm  
encls.

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

December 6, 1982

Minerals Management Service  
South Central Region  
505 Marquette Avenue, N.W., Suite 815  
Albuquerque, New Mexico 87102

Commissioner of Public Lands  
State of New Mexico  
Post Office Box 1148  
Santa Fe, New Mexico 87501

Oil Conservation Division  
State of New Mexico  
Post Office Box 2088  
Santa Fe, New Mexico 87501

OIL CONSERVATION DIVISION

DEC 9 1982

Case # 159

Re: Lindrith Unit Agreement  
Rio Arriba County, New Mexico  
Application for Approval of  
Twenty-seventh Expanded Participating  
Area - Pictured Cliffs Formation  
Exhibit "A" - Ownership Map

Gentlemen:

By letter dated November 22, 1982, we submitted to you our request for approval of the Twenty-fifth, Twenty-sixth and Twenty-seventh Expanded Participating Areas, Pictured Cliffs Formation.

Exhibit "A" for the Twenty-seventh Expanded Participating Area, Pictured Cliffs Formation, an ownership map reflecting the boundary of the Lindrith Unit and the proposed expansion, was inadvertently omitted. Attached is the map for the proposed Twenty-seventh Expanded Participating Area, Pictured Cliffs Formation.

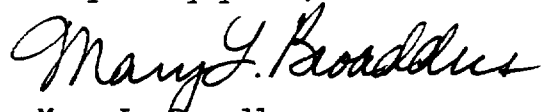
It has also been brought to our attention that the map for the proposed Twenty-fifth Expansion was colored to include the SW/4 of Section 9, Township 24 North, Range 12 West. This tract is not part of the Twenty-fifth Expansion and was colored by mistake.



Regulatory Agencies  
December 6, 1982  
Page Two

Please accept our apologies for these errors in our application for approval of the expansions. I hope it caused you no undue inconvenience.

Very truly yours,

A handwritten signature in cursive script that reads "Mary L. Broadus".

Mary L. Broadus  
Landman  
Land Department

MLB:ljg  
Enclosure  
Lindrith Unit, 4.1