

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

November 8, 1977

C
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P
Y

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

Attention: James R. Permenter

Re: Case No. 159
Lindrith Unit
Corrected Twentieth
Revision of the Parti-
cipating Area for the
Pictured Cliffs Formation

Gentlemen:

We hereby approve the Corrected Twentieth Revision of the Participating Area for the Pictured Cliffs Formation for the Lindrith Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands.

One approved copy of the Revision is returned herewith.

Very truly yours,

JOE D. RAMEY
Secretary-Director

JDR/LT/fd
enc.

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

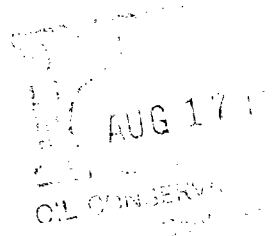
August 16, 1977

No. 159

United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

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

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



Re: Lindrith Unit Agreement, I Section No. 713
Rio Arriba County, New Mexico, REQUEST FOR
APPROVAL OF THE CORRECTED TWENTIETH EXPANDED
PARTICIPATING AREA, Pictured Cliffs Formation
Effective December 1, 1976

Gentlemen:

Pursuant to Section 10 of the Lindrith Unit Agreement, El Paso Natural Gas Company, as Unit Operator, resubmits for your approval the Twentieth Expanded Participating Area for the Pictured Cliffs Formation, Lindrith Unit, Rio Arriba County, New Mexico, which includes in addition to the lands previously submitted, the following selection of lands reasonably estimated to be productive in paying quantities from the Pictured Cliffs Formation:

Twentieth Expanded Participating Area - Effective Dec. 1, 1976

<u>Description of Lands</u>	<u>Acres</u>
<u>Township 24 North, Range 3 West, N.M.P.M.</u> Section 11: SW/4	160.00

United States Geological Survey
Commissioner of Public Lands
Oil Conservation Commission

-2-

August 16, 1977

The lands described above are proven productive by the following:

The Lindrith Unit #80 Well, located 800' from the South Line and 1040' from the West Line of Section 11, Township 24 North, Range 3 West, N.M.P.M., was spudded on September 30, 1976, and completed on November 15, 1976, in the Pictured Cliffs Formation at a total depth of 3,204'. The Pictured Cliffs Formation at the intervals 3111', 3121', 3139', 3148', 3158', 3164', and 3170', was treated with a sand-water fracturing process on October 25, 1976. The well was shut-in on November 4, 1976, and after being shut-in for eleven (11) days, the well was tested on November 15, 1976, with an after frac guage of 2211 MCF/D using the Pitot Tube method, with an SIPC of 969 psia. The spacing unit for this well is described as the SW/4 of Section 11, Township 24 North, Range 3 West, containing 160.00 acres.

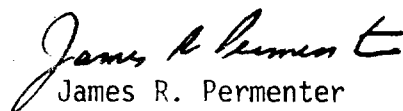
The effective date for the Twentieth Expanded Participating Area is determined as December 1, 1976, the first day of the month following the testing of the Lindrith Unit #80 Well.

Attached hereto is Schedule XXI showing the Twentieth Expanded Participating Area for the Pictured Cliffs Formation in the Lindrith Unit Area. This schedule describes the Expanded Participating Area, shows the percentage of unitized substances allocated to each unitized tract, and the exact breakdown of percentage allocated to each tract according to the various ownership in said tract.

If the Twentieth Expansion meets with your approval, please indicate such approval in the space provided on the attached sheet, and return an approved copy for our files.

A copy of this letter and schedule are being sent to the working interest owners indicated below.

Very truly yours,



James R. Permenter
Manager, Land Contracts & Titles
Land Department
Energy Resource Development

JRP/DM/mb
Enclosures
Lindrith Unit 4.1

Cc: Continental Oil Company
Post Office Box 460
Hobbs, New Mexico 88240
Attention: Mr. L. P. Thompson

Mobil Oil Company (3)
Post Office Box 633
Midland, Texas 79701
Attention: Mr. J. D. Howard

Tenneco Oil Company
Suite 1200, Lincoln Tower Building
1860 Lincoln Street
Denver, Colorado 80203
Attention: Mr. D. D. Myers

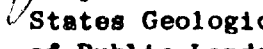
APPROVED: _____
Director, United States Geological Survey
Subject to like approval by the appropriate
State Officials.

DATE: _____

APPROVED:

Commissioner of Public Lands
Subject to like approval by the United
States Geological Survey and the Oil
Conservation Commission.

DATE: _____

APPROVED: 
Oil Conservation Commission
Subject to like approval by the United
States Geological Survey and the Commissioner
of Public Lands.

DATE: 11/8/77

The foregoing approvals are attached and made a part of the Request for Approval of the Twentieth Expansion of the Pictured Cliffs Participating Area for the Lindrith Unit, Rio Arriba County, New Mexico.