

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

AUG 17 1977  
OIL CONSERVATION

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

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 fo 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

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

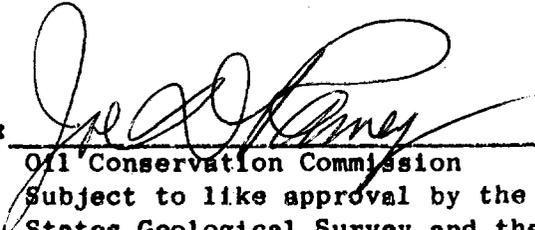
Mobil Oil Company (3)  
Post Office Box 633  
Midland, Texas 79701  
Attention: Mr. J. D. Howard

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.