

4830



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

July 29, 1997

Mobil Exploration & Producing U.S. Inc.
P.O. Box 633
Midland, Texas 79702-0633

Attn: Mr. Danny Pequeno

Re: 1997 Plan of Development
North Vacuum Abo Unit
Lea County, New Mexico

Dear Mr. Pequeno:

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: *FOR Anthony H. Nunez*
JAMI BAILEY, Director
Oil, Gas and Minerals Division
(505) 827-5744

RP/JB/cpm
cc: Reader File

OCD

BLM

Mobil Oil Corporation

P. O. BOX 633
MIDLAND, TEXAS 79701

NOV 14 1973
November 14, 1973

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

SECOND ENLARGEMENT
NORTH VACUUM ABO UNIT
LEA COUNTY, NEW MEXICO

Gentlemen:

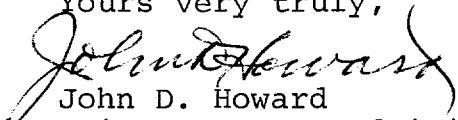
In accord with Section 4(a) of the North Vacuum Abo Unit Agreement Mobil, as Unit Operator, requests preliminary concurrence of the Commission to enlarge subject unit as outlined below. We are concurrently requesting preliminary approval from the Commissioner of Public Lands.

It is proposed the unit be enlarged to include the area shown on the attached map. The basis for expanding the unit is shown on the attached calculation sheet. The formula proposed for the expansion is based 14.5% on current production (first four months 1973), 14.5% primary reserves as of May 1, 1973, and 71% primary ultimate. Approximately 29% of total future reserves in the expanded unit are primary and 71% are fluid injection.

Working interest owners owning 94+% of the committed working interest in the unit have approved the proposed enlargement.

Following preliminary approval of the Commission and Commissioner, a notice of proposed expansion describing the contemplated changes in the boundaries of the Unit Area, the reasons therefor, and the proposed effective date (hopefully February 1, 1973) will be sent to the Commission, the Commissioner and to each working interest owner, lessee and lessor whose interests are affected, advising that 30 days will be allowed for submission to the Unit Operator of any objections. Upon expiration of the 30-day period, we will file with the Commission and Commissioner evidence of mailing of the notice of expansion and a copy of any objections thereto which have been filed with the Unit Operator, together with an application for approval of such expansion and with appropriate joinders. We request your early approval.

Yours very truly,


John D. Howard
Joint Interest Administrator
Midland Producing Area

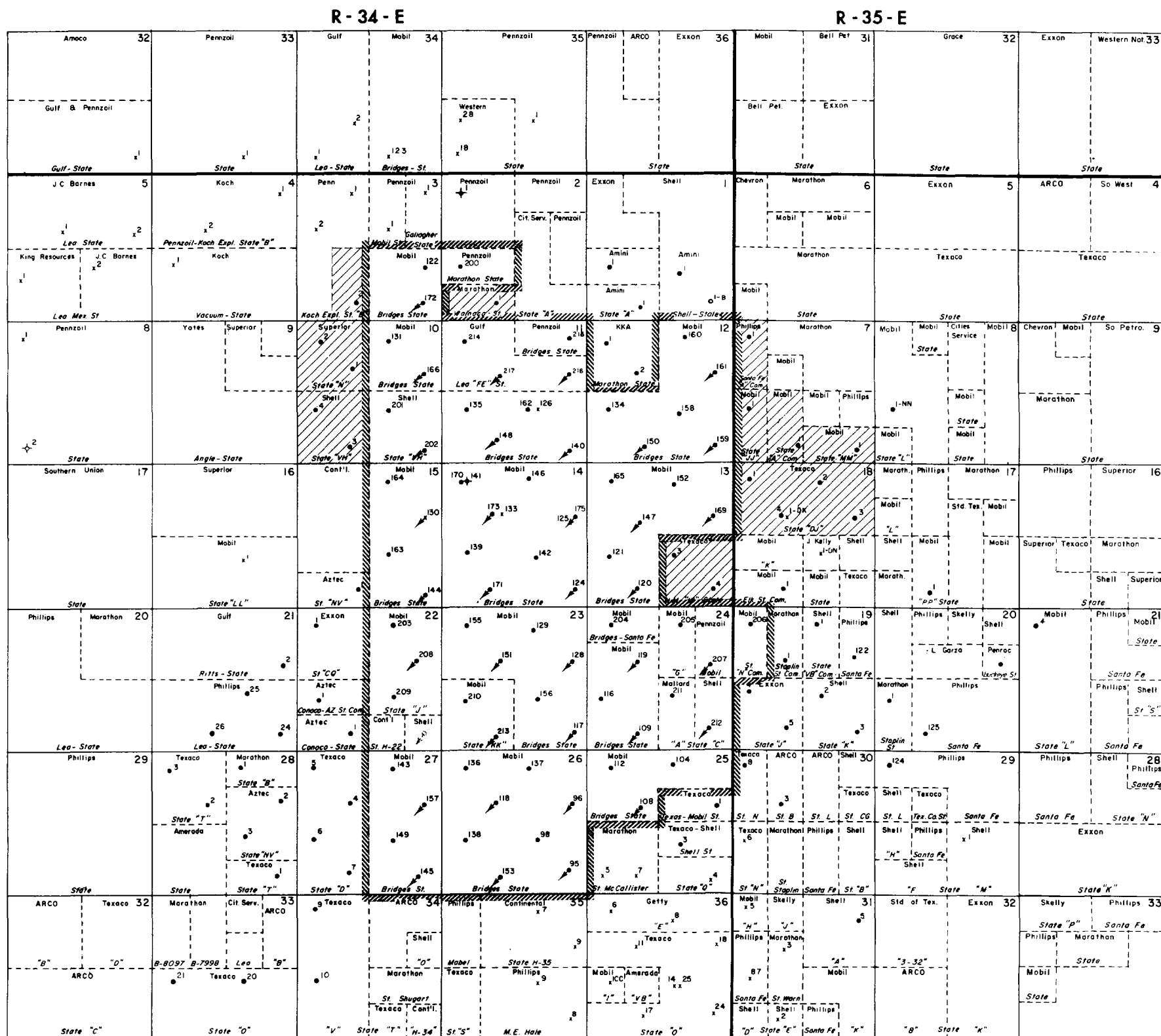
LMHill/gs
Attachments

SECOND ENLARGEMENT CALCULATIONS
NORTH VACUUM ABO UNIT - AUGUST, 1973

Lease	First 4 Mos. 1973		Primary Reserves		Primary Ultimate		Proposed Tract Participation 14.5% Current Production + 14.5% Pri. Res. + 71% Pri. Ult. %
	Barrels	Per Cent	5-1-73 MB	Per Cent	MB	Per Cent	
Present No. Abo Unit	350,350	82.01826	5190.8	87.68688	9933.5	90.07771	88.56242
Koch Exploration St. B	2,522	.59042	19.5	.32941	26.2	.23758	.30206
Marathon-Wainoco St.	4,456	1.04317	40.2	.67909	47.7	.43254	.55684
Mobil State JJ	6,180	1.44676	61.4	1.03721	88.9	.80615	.93254
Mobil State A Com	5,625	1.31683	63.0	1.06424	83.5	.75718	.88286
Mobil State MM	8,302	1.94353	83.4	1.40886	114.0	1.03376	1.22006
Phillips Santa Fe Com	4,438	1.03895	32.1	.54226	53.0	.48333	.57244
Shell State VH	8,088	1.89343	75.6	1.27709	114.0	1.03376	1.19370
Superior State N	6,154	1.44067	56.1	.94768	86.4	.78348	.90258
Texaco State DJ	25,173	5.89309	237.2	4.00696	328.3	2.97705	3.54921
Texaco State W	5,873	1.37489	60.4	1.02032	151.9	1.37744	1.32529
Total	427,161	100.0	5,919.7	100.00	11,027.7	100.0	

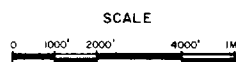
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LEGEND

- ABO PRODUCER
- x ABO PENETRATION
- ABO LOCATION
- ⊙ DRY HOLE
- //// UNIT BOUNDARY
- INJECTION WELL
- ▣ PROPOSED 2nd ENLARGEMENT TO N. VACUUM ABO UNIT



Mobil Oil Corporation
Midland Producing Area
Midland, Texas

NORTH VACUUM ABO UNIT

SCALE

DATE 8-73
DRAWN BY MLC
CHECKED
APPROVED
REVISED

LEA COUNTY

NEW MEXICO

Mobil Oil Corporation

THREE GRIFFINWAY LINDA EAST - SUITE 500
HOUSTON, TEXAS 77056

September 9, 1976

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

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

Working Interest Owners
(Address List Attached)

Overriding Royalty Owners
(Address List Attached)

NOTICE OF PROPOSED SECOND EXPANSION NORTH VACUUM ABO UNIT LEA COUNTY, NEW MEXICO

Gentlemen:

Having obtained the approval of more than three working interest owners, owning in excess of 90% of the committed working interest; and having obtained the preliminary concurrence of the Commissioner of Public Lands, State of New Mexico, and the New Mexico Oil Conservation Commission, Mobil Oil Corporation, Unit Operator, does hereby give notice of the proposed North Vacuum Abo Unit expansion, to be made effective on November 1, 1976 at 7:00 a.m.

The unit boundary will be changed to include Texaco's New Mexico State "W" lease, described as the SE/4 Section 13, T-17-S, R-34-E, Lea County, New Mexico, shown as Tract 18 on the attached Exhibit "A"; and Shell's State "VII" lease, described as the SW/4 Section 10, T-17-S, R-34-E, Lea County, New Mexico, shown as Tract 19 on the attached Exhibit "A". Tract 18 will have a unit participation of 1.83002% and Tract 19 will have a unit participation of 1.58749%.

The Texaco Tract 18, to be added, was included in the original study area but Texaco did not elect to commit the lease to the original unit. Well No. 4 on this lease was drilled after the original parameters were prepared. The Shell Tract 19, to be added, was not included in the original study area because it was not developed for Abo production at that time.

Mobil Oil Corporation

September 9, 1976

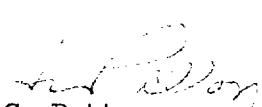
Page 2

The inventory of equipment and investment adjustments will be handled in the same manner as they were when the unit first became effective. See Article 10.2 of the Unit Operating Agreement.

Shell and Texaco will be required to pay their proportionate part of pre-unitization expense and secondary recovery investment since the effective date of the unit. There will be no retroactive adjustment of production of unitized substances, nor operating expenses.

Thirty days following the date of this letter will be allowed for submission to Mobil, Unit Operator, of any written objections to the proposed enlargement, following which Mobil will request final approval of the unit enlargement from the Commissioner and the Commission.

Yours very truly,


H. C. Patton
Division Joint Interest
Administrator

ERRrazier/bg
Attachments

NORTH VACUUM ABO UNIT
LEA COUNTY, NEW MEXICO
WORKING INTEREST OWNERS LIST

4/22/76

Martin Anderson
1717 Edgewater Drive
Orlando, FL 32804

Peter B. Cannell
160 East 72nd St.
New York, NY 10021

Continental Oil Company
Attn: Mr. L. P. Thompson (2)
P. O. Box 460
Hobbs, NM 88240

Murray Fasken
414 West Texas Avenue
Midland, TX 79701

First National Bank of Midland
A/C Arthur L. Booth Acct. 16999
P. O. Box 1599
Midland, TX 79701

J. A. Davidson
P. O. Box 494
Midland, TX 79701

Gulf Energy & Minerals Co.-U.S.
Attn: Mr. R. F. Ward
P. O. Box 1150
Midland, TX 79701

E. H. Holcomb
1253 Michelbodic Lane
McMinnville, OR 97128

Wesley T. House
1201 Bedford Drive
Midland, TX 79701

J.G.M., Inc
P. O. Box 1992
Midland, TX 79701

R. W. Keener
4444 Parkview Drive
Salt Lake City, Utah 84117

Ladd Petroleum Corporation
Attn: Mr. J. H. Moore
830 Denver Club Bldg.
Denver, CO 80202

Walter A. Lubanko
c/o Lehman Bros. Inc.
One William St.
New York, NY 10004

M & B Investments
P. O. Box 3355
Lubbock, TX 79408

Mallard Exploration, Inc.
200 Wilco Bldg.
Midland, TX 79701

Charles E. Marsh II
200 Wilco Bldg.
Midland, TX 79701

John G. McMillian, Jr.
P. O. Box 1992
Midland, TX 79701

Homer Olsen, Jr.
11 Metz Court
Midland, TX 79701

Pennzoil Company
Attn: Mr. Charles A. Brown (2)
P. O. Drawer 1828
Midland, TX 79701

Phillips Petroleum Company
Attn: Mr. W. B. Taylor, Jr.
820 Phillips Bldg.
Odessa, TX 79761

Phillips Petroleum Company
Attn: Mr. J. E. Curzon
287 Frank Phillips Bldg.
Bartlesville, OK 74004

Robert C. Porter
c/o F. Eberstadt & Co., Inc.
61 Broadway
New York, NY 10006

Shell Oil Company
Attn: Mid-Continent Div. Prod.
P. O. Box 991
Houston, TX 77001

Pike H. Sullivan, Jr
c/o F. Eberstadt & Co., Inc.
61 Broadway
New York, NY 10006

Texaco Inc.
Attn: Mr. G. F. Clarke, Jr. (2)
P. O. Box 3109
Midland, TX 79701

Wainoco, Inc.
Attn: James L. Hamilton
Suite 600, 1100 Milam Bldg.
Houston, TX 77002

David K. Watkiss
400 El Paso Natural Gas Bldg.
Salt Lake City, UT 84111

Francis S. Williams
c/o F. Eberstadt & Co., Inc.
61 Broadway
New York, NY 10006

9/9/76

NORTH VACUUM ABO UNIT
ROYALTY ORR & LESSEE OF RECORD LIST

Commissioner of Public Lands
State of New Mexico
Attn: Ray D. Graham
Oil & Gas Department
P. O. Box 1148
Santa Fe, New Mexico 87501

Gulf Oil Company - U.S.
P. O. Box 1150
Midland, Texas 79701

Yates Drilling Company
Carper Building
Artesia, New Mexico 88210

Amerada Division
Amerada Hess Corporation
Attn: Mr. A. Jack Evans
P. O. Box 2040
Tulsa, Oklahoma 74102

E. A. Culbertson
P. O. Box 1071
Midland, Texas 79701

Wallace W. Irwin
P. O. Box 1071
Midland, Texas 79701

Scope Industries
4250 Wilshire Blvd.
Los Angeles, California 90005

Atlantic Richfield Company
Attn: Mr. Thane Akins
P. O. Box 1610
Midland, Texas 79701

Mobil Oil Corporation

THREE GREENWAY PLAZA EAST - SUITE 800
HOUSTON, TEXAS 77046

September 14, 1976

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501

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

Working Interest Owners


Overriding Royalty Owners

NOTICE OF PROPOSED SECOND EXPANSION
NORTH VACUUM ABO UNIT
LEA COUNTY, NEW MEXICO

Gentlemen:

Attached are the revised exhibits for the subject unit which were inadvertently omitted from our letter of September 9, 1976.

Yours very truly,


H. C. Patton
Division Joint Interest
Administrator

ERFrazier/bg
Attach.

EXHIBIT "B" TO UNIT AGREEMENT
NORTH VACUUM ABO UNIT
LEA COUNTY, NEW MEXICO

TRACT NUMBER	LEASE NAME & DESCRIPTION OF LAND	NUMBER OF ACRES	NEW MEXICO STATE LEASE NUMBER	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER &	% WI IN TRACT	UNIT PARTICIPATION, %
1	Bridges State Township 17 South, Range 34 East Section 11, N/2 NE/4	80	E-580	State of New Mexico 12.5%	Gulf Oil Corp.	Gulf Oil Corp. 6.2500	Pennzoil Company Wainoco, Inc.	82.936 17.064 100.000	0.86896 0.17879 1.04775
2	Marathon State Township 17 South, Range 34 East Section 2: N/2 SW/4	80	E-619-5	State of New Mexico 12.5%	Yates Drilling Co.	Marathon Oil Co. 6.2500	Pennzoil Company Wainoco, Inc.	50.000 50.000 100.000	0.39447 0.39446 0.78893
4	State "KK" Township 17 South, Range 34 East Section 23: SW/4	160	B-1040-1	State of New Mexico 12.5%	Amerada Hess Corp.	Amerada Hess Corp. 12.5	Mobil Oil Corp. Mobil Oil Corp.* Amerada Hess Corp.* *After payout	100.000 50.000 50.000	2.07334
5	State "G" Township 17 South, Range 34 East Section 24: W/2 NE/4	80	B-1106	State of New Mexico 12.5%	Mobil Oil Corp.	None	Mobil Oil Corp.	100.000	1.14292
6	Mobil 24 State Com. Township 17 South, Range 34 East Section 24: E/2 NE/4	80	B-1106 E-5765-4	State of New Mexico 12.5%	Mobil Oil Corp. Pennzoil Company	E. A. Culbertson 1.5625 Wallace W. Irwin 1.5625 Mobil Oil Corp. 6.2500 Scope Industries 3.1250	Wainoco, Inc. Pennzoil Company	17.064 82.936 100.000	0.39359 1.91298 2.30657
7	State "C" Township 17 South, Range 34 East Section 22: E/2 SE/4	80	B-1404-2 B-1404-3	State of New Mexico 12.5%	Shell Oil Co. Atlantic Richfield Co.	None	Shell Oil Co.	100.000	1.55029
8	State "VH" Township 17 South, Range 34 East Section 10: SE/4	160	E-1449-6	State of New Mexico 12.5%	Yates Drilling Co.	None	Shell Oil Co.	100.000	3.43148
9	State "J" Township 17 South, Range 34 East Section 22: NE/4 and N/2 SE/4	240	B-1519	State of New Mexico 12.5%	Mobil Oil Corp.	None	Mobil Oil Corp.	100.000	2.85740

TRACT NUMBER	LEASE NAME & DESCRIPTION OF LAND	NUMBER OF ACRES	NEW MEXICO STATE LEASE NUMBER	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER &	% WI IN TRACT	UNIT PARTICIPATION, %
10	Bridges State Township 17 South, Range 34 East Section 3: SE/4 Section 10: NE/4 Section 11: S/2 Section 12: NE/4 & S/2 Section 13: N/2 & SW/4 Section 14: A11 Section 15: E/2 Section 23: N/2 & SE/4 Section 24: S/2 NW/4 & SW/4 Section 26: A11 Section 27: E/2	4,240	B-1520-1	State of New Mexico 12.5%	Mobil Oil Corp.	None	Mobil Oil Corp.	100.00	67.23428
11	Bridges Santa Fe State Com. Township 17 South, Range 34 East Section 24: N/2 NW/4	80	B-1520-1 B-3935	State of New Mexico 12.5%	Mobil Oil Corp. Phillips Petroleum Co.	None	Mobil Oil Corp. Phillips Petroleum Co.	50.00 50.00 100.00	0.41240 0.41240 0.82480
12	Bridges State Section 25 Township 17 South, Range 34 East Section 25: NW/4 and N/2 NE/4	240	B-1520-1	State of New Mexico 12.5%	Mobil Oil Corp.	None	Mobil Oil Corp.	100.00	4.04850
13	State "A" Township 17 South, Range 34 East Section 24: W/2 SE/4	80	B-1838-3	State of New Mexico 12.5%	Atlantic Richfield Co.	Atlantic Richfield 12.5%	Martin Anderson Arthur L. Booth Peter B. Cannell J. A. Davidson Murray Fasken Derrell Henry E. H. Holcomb Wesley T. House JGM, Inc. R. W. Keener Ladd Petroleum Corp. Walter Lubanko M & B Investments Mallard Exploration, Inc. Charles E. Marsh II John G. McMillian, Jr. Mobil Oil Corp. Homer Olsen, Jr. Robert C. Porter Pike H. Sullivan, Jr. David K. Watkiss Francis S. Williams	5.00 2.00 2.00 2.00 6.25 2.00 5.00 6.25 2.00 2.00 6.00 2.00 10.00 2.00 12.00 10.00 12.50 2.00 2.00 2.00 2.00 3.00 2.00	0.07064 0.02825 0.02825 0.02825 0.08831 0.02825 0.07064 0.08831 0.02825 0.02825 0.08477 0.02825 0.14128 0.02825 0.16953 0.14128 0.17660 0.02825 0.02825 0.02825 0.02825 0.04238 0.02826 T.41275

TRACT NUMBER	LEASE NAME & DESCRIPTION OF LAND	NUMBER OF ACRES	NEW MEXICO STATE LEASE NUMBER	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER &	% WI IN TRACT	UNIT PARTICIPATION, %
14	State 22 Township 17 South, Range 34 East Section 22: SE/4 SE/4	40	B-2354-2	State of New Mexico 12.5%	Shell Oil Co.	None	Shell Oil Co.	100.00	0.50673
15	State "N" Com. Township 17 South, Range 35 East Section 19: W/2 NW/4	75.30	B-2423-4 E-7259	State of New Mexico 12.5%	Mobil Oil Corp. Shell Oil Co.	None	Mobil Oil Corp. Shell Oil Co.	50.04 49.96 100.00	0.93624 0.93477 1.87101
16	State "H" Township 17 South, Range 34 East Section 22: SW/4 SE/4	40	B-3196	State of New Mexico 12.5%	Continental Oil Co.	None	Continental Oil Co.	100.00	0.50673
17	Lea "FE" State Township 17 South, Range 34 East Section 11: NW/4, S/2 NE/4	240	E-580	State of New Mexico 12.5%	Gulf Oil Corp.	None	Gulf Oil Corp.	100.00	4.97901
18	State "W" Township 17 South, Range 34 East Section 13: SE/4	160	B-959-1	State of New Mexico 12.5%	Texaco Inc.	None	Texaco Inc.	100.00	1.58749
19	State "VH" Township 17 South, Range 34 East Section 10: SW/4	160	E-1449-6	State of New Mexico 12.5%	Yates Drilling Co.	None	Shell Oil Co.	100.00	1.83002
TOTAL:	18 State Tracts	6,315.30 Acres							100.00000

EXHIBIT "C"
TO
UNIT OPERATING AGREEMENT
NORTH VACUUM ABO UNIT
LEA COUNTY, NEW MEXICO

TRACT NO.	WORKING INTEREST OWNER	WI IN TRACT, %	UNIT PARTICIPATION %
1	Pennzoil Company Wainoco, Inc.	82.936 17.064 <u>100.000</u>	0.86896 0.17879 <u>1.04775</u>
2	Pennzoil Company Wainoco, Inc.	50.000 50.000 <u>100.000</u>	0.39447 0.39446 <u>0.78893</u>
4	Mobil Oil Corp.	100.000	2.07334
5	Mobil Oil Corp.	100.000	1.14292
6	Pennzoil Company Wainoco, Inc.	82.936 17.064 <u>100.000</u>	1.91288 0.39359 <u>2.30657</u>
7	Shell Oil Company	100.000	1.55029
8	Shell Oil Company	100.000	3.43148
9	Mobil Oil Corp.	100.000	2.85740
10	Mobil Oil Corp.	100.000	67.23428
11	Mobil Oil Corp. Phillips Petroleum Co.	50.000 50.000 <u>100.000</u>	0.41240 0.41240 <u>0.82480</u>
12	Mobil Oil Corp.	100.000	4.04850
13	Martin Anderson Arthur L. Booth Peter B. Cannell J. A. Davidson Murray Fasken Derrell Henry E. H. Holcomb Wesley T. House JGM, Inc. R. W. Keener Ladd Petroleum Corporation Walter Lubanko M & B Investments Mallard Exploration, Inc. Charles E. Marsh II John G. McMillian, Jr. Mobil Oil Corp. Homer Olsen, Jr. Robert C. Porter Pike H. Sullivan David K. Watkiss Francis S. Williams	5.000 2.000 2.000 2.000 6.250 2.000 5.000 6.250 2.000 2.000 6.000 2.000 10.000 2.000 12.000 10.000 12.500 2.000 2.000 2.000 3.000 2.000 <u>100.000</u>	0.07064 0.02825 0.02825 0.02825 0.08831 0.02825 0.07064 0.08831 0.02825 0.02825 0.08477 0.02825 0.14128 0.02825 0.16953 0.14128 0.17660 0.02825 0.02825 0.02825 0.04238 0.02826 <u>1.41275</u>

<u>TRACT NO.</u>	<u>WORKING INTEREST OWNER</u>	<u>WI IN TRACT, %</u>	<u>UNIT PARTICIPATION %</u>
14	Shell Oil Co.	100.000	0.50673
15	Mobil Oil Corp.	50.0398	0.93624
	Shell Oil Co.	49.9602	0.93477
		<u>100.0000</u>	<u>1.87101</u>
16	Continental Oil Co.	100.0000	0.50673
17	Gulf Oil Corporation	100.0000	4.97901
18	Texaco Inc.	100.0000	1.58749
19	Shell Oil Company	100.0000	1.83002
			<u><u>100.00000</u></u>
	TOTAL		100.00000

EXHIBIT "C" SUMMARY
TO
UNIT OPERATING AGREEMENT
NORTH VACUUM ABO UNIT
LEA COUNTY, NEW MEXICO

<u>WORKING INTEREST OWNER</u>	<u>TRACT NO.</u>	<u>UNIT PARTICIPATION</u>
Martin Anderson	13	0.07064
Arthur L. Booth	13	0.02825
Peter B. Cannell	13	0.02825
Continental Oil Co.	16	0.50673
J. A. Davidson	13	0.02825
Murray Fasken	13	0.08831
Gulf Oil Corporation	17	4.97901
Derrell Henry	13	0.02825
E. H. Holcomb	13	0.07064
Wesley T. House	13	0.08831
JGM, Inc.	13	0.02825
R. W. Keener	13	0.02825
Ladd Petroleum Corporation	13	0.08477
Walter Lubanko	13	0.02825
M & B Investments	13	0.14128
Mallard Exploration, Inc.	13	0.02825
Charles E. Marsh II	13	0.16953
John G. McMillian, Jr.	13	0.14128
Mobil Oil Corporation	4	2.07334
	5	1.14292
	9	2.85740
	10	67.23428
	11	0.41240
	12	4.04850
	13	0.17660
	15	0.93624
		<u>78.88168</u>
Homer Olsen, Jr.	13	0.02825
Pennzoil Company	1	0.86896
	2	0.39447
	6	<u>1.91298</u>
		3.17641

<u>WORKING INTEREST OWNER</u>	<u>TRACT NO.</u>	<u>UNIT PARTICIPATION</u>
Phillips Petroleum Co.	11	0.41240
Robert C. Porter	13	0.02825
Shell Oil Company	7	1.55029
	8	3.43148
	14	0.50673
	15	0.93477
	19	1.83002
		<u>8.25329</u>
Pike H. Sullivan, Jr.	13	0.02825
Texaco Inc.	18	1.58749
Wainoco, Inc.	1	0.17879
	2	0.39446
	6	0.39359
		<u>0.96684</u>
David K. Watkiss	13	0.04238
Francis S. Williams	13	<u>0.02826</u>
GRAND TOTAL		100.00000

Mobil Oil Corporation

THREE GREENWAY PLAZA EAST - SUITE 800
HOUSTON, TEXAS 77046

October 11, 1976

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

REQUEST FOR APPROVAL OF THE
SECOND ENLARGEMENT, NORTH
VACUUM ABO UNIT, LEA COUNTY,
NEW MEXICO

Gentlemen:


Having obtained preliminary approval by the Commissioner of Public Lands and the New Mexico Oil Conservation Commission to enlarge the subject unit for the second time and having given notice to all parties whose interests are affected advising that 30 days would be allowed for submission to the Unit Operator of any objections (no objections were received), we now request final approval of the Commission to expand the unit. Said second expansion is to be effective November 1, 1976.

In support of the application for final approval, we attach the following documents:

1. Copies of ratifications of the Working Interest Owners.
2. Revised Exhibit "A" to the Unit Agreement, dated April 26, 1976, effective November 1, 1976.
3. Revised Exhibit "B" to the Unit Agreement, dated April 29, 1976, effective November 1, 1976.
4. Revised Exhibit "C" and Summary "C" to the Unit Operating Agreement, dated April 28, 1976, effective November 1, 1976.

Upon receipt of final approval by the Commissioner and Commission, a Certificate of Effectiveness will be filed. A copy of the Certificate with recording data will be furnished for your file.

Yours very truly,


H. C. Patton
Division Joint Interest
Administrator

IMHill/bg
Attach.

JOINDER TO UNIT OPERATING AGREEMENT AND/OR UNIT AGREEMENT
NORTH VACUUM ABO UNIT
LEA COUNTY, NEW MEXICO

UNIT ENLARGEMENT

Each of the undersigned owners (whether one or more) of royalty interests acknowledges receipt of a counterpart of an instrument titled, "Unit Agreement, North Vacuum Abo Unit, Lea County, New Mexico", dated as of the first day of July, 1972, providing for the conduct of unit operations in the Permian formation of the North Vacuum Abo Field, located in Lea County, New Mexico, and made effective December 1, 1972, as evidenced by a certificate dated December 18, 1972 (recorded in Book 306, page 813, of the records of Lea County, New Mexico); and each of the undersigned owners (whether one or more) of a working interest acknowledges receipt of a counterpart of said Unit Agreement, and counterpart of an instrument entitled, "Unit Operating Agreement, North Vacuum Abo Unit, Lea County, New Mexico", dated as of the first day of July, 1972.

The Unit Agreement, by revised Exhibit "B", describes each tract in the Unit Area, and by Exhibit "A", shows on a map the boundary lines of the Unit Area and the tracts therein.

The Unit Agreement and the Unit Operating Agreement provide that any person may become a party to the agreements by signing the original, counterpart, or other instrument which evidences an intention to be bound by the terms of such agreements.

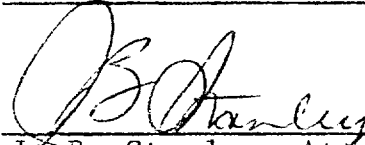
Each of the undersigned owners represents that he is the owner of a working interest or a royalty interest, or both, as defined in said Unit Agreement, in one or more of the tracts described in Exhibit "B" of the said Unit Agreement.

NOW THEREFORE, each of the royalty owners who sign this instrument agrees to become a party to and be bound by the provisions of the Unit Agreement as if he had signed the original; and each of the working interest owners who sign the instrument agrees to become a party to and be bound by the provisions of the Unit Agreement and the Unit Operating Agreement, as if he had signed the originals. Each of the undersigned owners agrees that the parties to the Unit Agreement and the Unit Operating Agreement are those that sign the originals, any counterparts of said instruments or any instrument which evidences an intention to be so bound.

EXECUTED as of the 14th day of June, 1976.

SHELL OIL COMPANY

By



J. B. Stanley, Attorney in Fact

NEW MEXICO ACKNOWLEDGMENTS

CORPORATION

STATE OF Texas X
COUNTY OF Harris X

The foregoing instrument was acknowledged before me this
14th day of June, 1976, by J. B. STANLEY
ATTORNEY IN FACT of SHELL OIL COMPANY, a
Delaware corporation, on behalf of said corporation.

My Commission Expires:

Christel H. Mintz
Notary Public in and for
County, _____

CHRISTEL H. MINTZ
Notary Public In And For Harris County, Texas
My Commission Expires June 1, 1977

INDIVIDUAL

STATE OF _____ X
COUNTY OF _____ X

The foregoing instrument was acknowledged before me this
_____ day of _____, 1976, by _____

My Commission Expires:

Notary Public in and for
County, _____

STATE OF _____ X
COUNTY OF _____ X

The foregoing instrument was acknowledged before me this
_____ day of _____, 1976, by _____

My Commission Expires:

Notary Public in and for
County, _____

JOINDER TO UNIT OPERATING AGREEMENT AND/OR UNIT AGREEMENT
NORTH VACUUM ABO UNIT
LEA COUNTY, NEW MEXICO

UNIT ENLARGEMENT

Each of the undersigned owners (whether one or more) of royalty interests acknowledges receipt of a counterpart of an instrument titled, "Unit Agreement, North Vacuum Abo Unit, Lea County, New Mexico", dated as of the first day of July, 1972, providing for the conduct of unit operations in the Permian formation of the North Vacuum Abo Field, located in Lea County, New Mexico, and made effective December 1, 1972, as evidenced by a certificate dated December 18, 1972 (recorded in Book 306, page 813, of the records of Lea County, New Mexico); and each of the undersigned owners (whether one or more) of a working interest acknowledges receipt of a counterpart of said Unit Agreement, and counterpart of an instrument entitled, "Unit Operating Agreement, North Vacuum Abo Unit, Lea County, New Mexico", dated as of the first day of July, 1972.

The Unit Agreement, by revised Exhibit "B", describes each tract in the Unit Area, and by Exhibit "A", shows on a map the boundary lines of the Unit Area and the tracts therein.

The Unit Agreement and the Unit Operating Agreement provide that any person may become a party to the agreements by signing the original, counterpart, or other instrument which evidences an intention to be bound by the terms of such agreements.

Each of the undersigned owners represents that he is the owner of a working interest or a royalty interest, or both, as defined in said Unit Agreement, in one or more of the tracts described in Exhibit "B" of the said Unit Agreement.

NOW THEREFORE, each of the royalty owners who sign this instrument agrees to become a party to and be bound by the provisions of the Unit Agreement as if he had signed the original; and each of the working interest owners who sign the instrument agrees to become a party to and be bound by the provisions of the Unit Agreement and the Unit Operating Agreement, as if he had signed the originals. Each of the undersigned owners agrees that the parties to the Unit Agreement and the Unit Operating Agreement are those that sign the originals, any counterparts of said instruments or any instrument which evidences an intention to be so bound.

EXECUTED as of the 7th day of September, 1976.

WITNESSED AS TO
SIGNATURES
BY MST
DATE SEP 7 1976

TEXACO INC.

A. F. Clarke
Attorney-in-Fact

NEW MEXICO ACKNOWLEDGMENTS


CORPORATION

STATE OF TEXAS X
COUNTY OF MIDLAND X

The foregoing instrument was acknowledged before me this
7th day of September, 1976, by G. F. Clarke,
Attorney-in-Fact of Texaco Inc., a
Delaware corporation, on behalf of said corporation.

My Commission Expires:

JUNE 1 1977


J.D. Record
Notary Public in and for
Midland County, Texas

* * * *

INDIVIDUAL

STATE OF _____ X
COUNTY OF _____ X

The foregoing instrument was acknowledged before me this
_____ day of _____, 1976, by _____.

My Commission Expires:

Notary Public in and for
_____ County, _____

* * * *

STATE OF _____ X
COUNTY OF _____ X

The foregoing instrument was acknowledged before me this
_____ day of _____, 1976, by _____.

My Commission Expires:

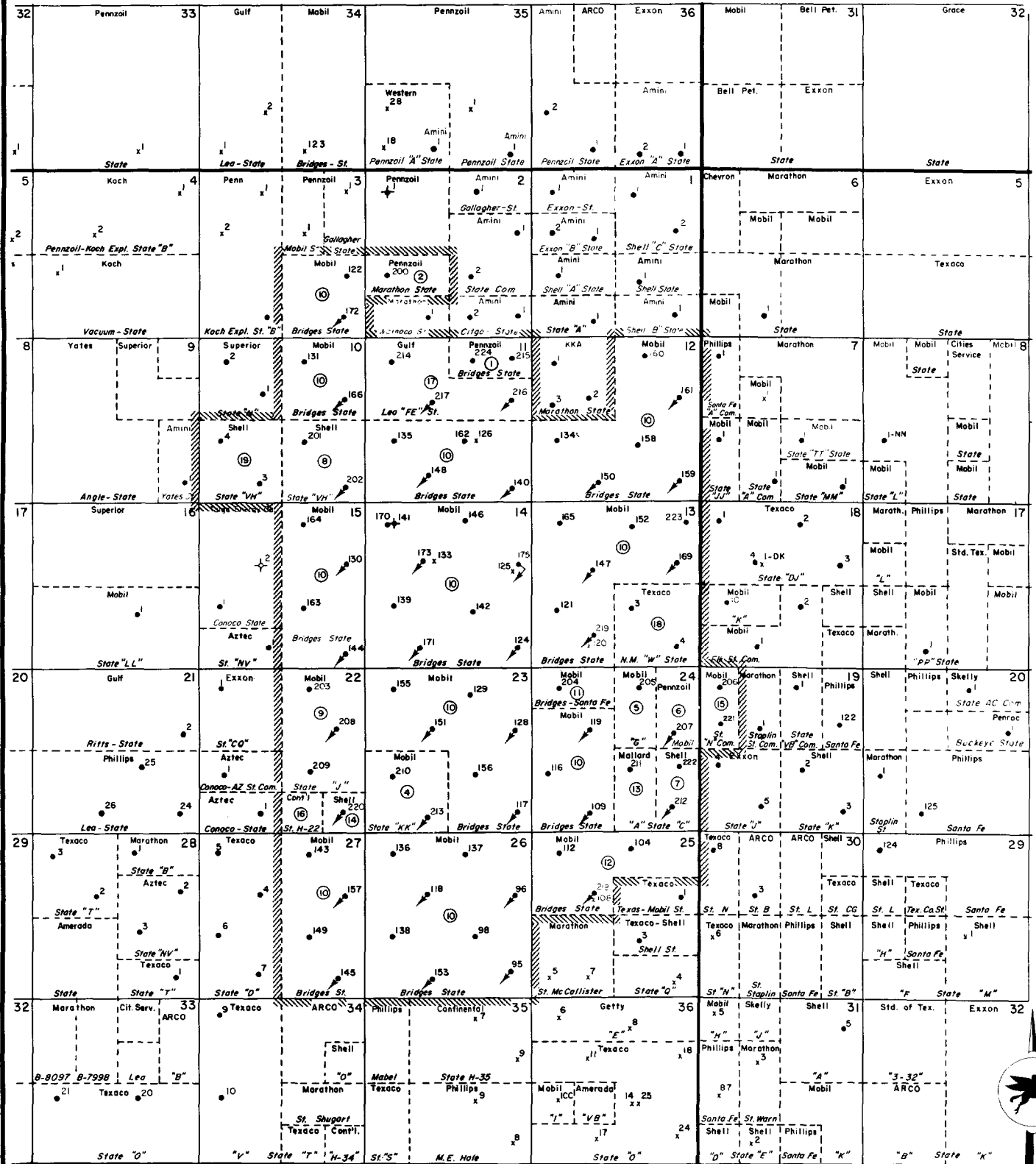
Notary Public in and for
_____ County, _____

R - 34 - E

R - 35 - E

T
16
S

T
17
S



LEGEND

- ABO PRODUCER
- X ABO PENETRATION
- ABO LOCATION
- ⊗ DRY HOLE
- UNIT BOUNDARY
- ➔ INJECTION WELL
- Ⓢ TRACT NO.

SCALE



Mobil Oil Corporation
Exploration & Producing Division
Houston Division

EXHIBIT "A"
NORTH VACUUM ABO UNIT

LEA COUNTY

NEW MEXICO

SCALE

DATE 4/16/72
DRAWN BY JYN
CHECKED BY BRH
APPROVED
REVISED

EXHIBIT "B" TO UNIT AGREEMENT
NORTH VACUUM ABO UNIT
LEA COUNTY, NEW MEXICO

TRACT NUMBER	LEASE NAME & DESCRIPTION OF LAND	NUMBER OF ACRES	NEW MEXICO STATE LEASE NUMBER	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER &	% WI IN TRACT	UNIT PARTICIPATION,
1	Bridges State Township 17 South, Range 34 East Section 11, N/2 NE/4	80	E-580	State of New Mexico 12.5%	Gulf Oil Corp.	Gulf Oil Corp. 6.2500	Pennzoil Company Mainoco, Inc.	82.936 17.064 100.000	0.86896 0.17879 1.04775
2	Marathon State Township 17 South, Range 34 East Section 2: N/2 SW/4	80	E-619-5	State of New Mexico 12.5%	Yates Drilling Co.	Marathon Oil Co. 6.2500	Pennzoil Company Mainoco, Inc.	50.000 50.000 100.000	0.39447 0.39446 0.78893
4	State "K" Township 17 South, Range 34 East Section 23: SW/4	160	B-1040-1	State of New Mexico 12.5%	Amerada Hess Corp.	Amerada Hess Corp. 12.5	Mobil Oil Corp. Mobil Oil Corp.* Amerada Hess Corp.* *After payout	100.000 50.000 50.000	2.07334
5	State "G" Township 17 South, Range 34 East Section 24: W/2 NE/4	80	B-1106	State of New Mexico 12.5%	Mobil Oil Corp.	None	Mobil Oil Corp.	100.000	1.14292
6	Mobil 24 State Com. Township 17 South, Range 34 East Section 24: E/2 NE/4	80	B-1106 E-5765-4	State of New Mexico 12.5%	Mobil Oil Corp. Pennzoil Company	E. A. Culbertson 1.5625 Wallace W. Irwin 1.5625 Mobil Oil Corp. 6.2500 Scope Industries 3.1250	Wainoco, Inc. Pennzoil Company	17.064 82.936 100.000	0.39359 1.91298 2.30657
7	State "C" Township 17 South, Range 34 East Section 22: E/2 SE/4	80	B-1404-2 B-1404-3	State of New Mexico 12.5%	Shell Oil Co. Atlantic Richfield Co.	None	Shell Oil Co.	100.000	1.55029
8	State "VH" Township 17 South, Range 34 East Section 10: SE/4	160	E-1449-6	State of New Mexico 12.5%	Yates Drilling Co.	None	Shell Oil Co.	100.000	3.43148
9	State "J" Township 17 South, Range 34 East Section 22: NE/4 and N/2 SE/4	240	B-1519	State of New Mexico 12.5%	Mobil Oil Corp.	None	Mobil Oil Corp.	100.000	2.85740

TRACT NUMBER	LEASE NAME & DESCRIPTION OF LAND	NUMBER OF ACRES	NEW MEXICO STATE LEASE NUMBER	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER &	% WI IN TRACT	UNIT PARTICIPATION, %
10	Bridges State	4,240	B-1520-1	State of New Mexico 12.5%	Mobil Oil Corp.	None	Mobil Oil Corp.	100.00	67.23428
	Township 17 South, Range 34 East								
	Section 3: SE/4								
	Section 10: NE/4								
	Section 11: S/2								
	Section 12: NE/4 & S/2								
	Section 13: N/2 & SW/4								
	Section 14: A11								
	Section 15: E/2								
	Section 23: N/2 & SE/4								
	Section 24: S/2 NW/4 & SW/4								
	Section 26: A11								
	Section 27: E/2								
11	Bridges Santa Fe State Com. Township 17 South, Range 34 East Section 24: N/2 NW/4	80	B-1520-1 B-3935	State of New Mexico 12.5%	Mobil Oil Corp. Phillips Petroleum Co.	None	Mobil Oil Corp. Phillips Petroleum Co.	50.00 50.00 100.00	0.41240 0.41240 0.82480
12	Bridges State Section 25 Township 17 South, Range 34 East Section 25: NW/4 and N/2 NE/4	240	B-1520-1	State of New Mexico 12.5%	Mobil Oil Corp.	None	Mobil Oil Corp.	100.00	4.04850
13	State "A" Township 17 South, Range 34 East Section 24: W/2 SE/4	80	B-1838-3	State of New Mexico 12.5%	Atlantic Richfield Co.	Atlantic Richfield 12.5%	Martin Anderson Arthur L. Booth Peter B. Cannel1 J. A. Davidson Murray Fasken Derrell Henry E. H. Holcomb Wesley T. House JGM, Inc. R. W. Keener Ladd Petroleum Corp. Walter Lubanko M & B Investments Mallard Exploration, Inc. Charles E. Marsh II John G. McMillian, Jr. Mobil Oil Corp. Homer Olsen, Jr. Robert C. Porter Pike H. Sullivan, Jr. David K. Watkins Francis S. Williams	5.00 2.00 2.00 2.00 6.25 2.00 5.00 6.25 2.00 2.00 6.00 2.00 10.00 2.00 12.00 10.00 12.50 2.00 2.00 2.00 3.00 2.00 100.00	0.07064 0.02825 0.02825 0.02825 0.08831 0.02825 0.07064 0.08831 0.02825 0.02825 0.08477 0.02825 0.14128 0.02825 0.16953 0.14128 0.17660 0.02825 0.02825 0.02825 0.04238 0.02826 1.41275

TRACT NUMBER	LEASE NAME & DESCRIPTION OF LAND	NUMBER OF ACRES	NEW MEXICO STATE LEASE NUMBER	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER &	% WI IN TRACT	UNIT PARTICIPATION,
14	State 22 Township 17 South, Range 34 East Section 22: SE/4 SE/4	40	B-2354-2	State of New Mexico 12.5%	Shell Oil Co.	None	Shell Oil Co.	100.00	0.50673
15	State "N" Com. Township 17 South, Range 35 East Section 19: W/2 NW/4	75.30	B-2423-4 E-7259	State of New Mexico 12.5%	Mobil Oil Corp. Shell Oil Co.	None	Mobil Oil Corp. Shell Oil Co.	50.04 49.96 100.00	0.93624 0.93477 1.87101
16	State "H" Township 17 South, Range 34 East Section 22: SW/4 SE/4	40	B-3196	State of New Mexico 12.5%	Continental Oil Co.	None	Continental Oil Co.	100.00	0.50673
17	Lea "FE" State Township 17 South, Range 34 East Section 11: NW/4, S/2 NE/4	240	E-580	State of New Mexico 12.5%	Gulf Oil Corp.	None	Gulf Oil Corp.	100.00	4.97901
18	State "W" Township 17 South, Range 34 East Section 13: SE/4	160	B-959-1	State of New Mexico 12.5%	Texaco Inc.	None	Texaco Inc.	100.00	1.58749
19	State "VH" Township 17 South, Range 34 East Section 10: SW/4	160	E-1449-6	State of New Mexico 12.5%	Yates Drilling Co.	None	Shell Oil Co.	100.00	1.83002
TOTAL:	18 State Tracts	6,315.30 Acres							100.00000

EXHIBIT "C"
TO
UNIT OPERATING AGREEMENT
NORTH VACUUM ABO UNIT
LEA COUNTY, NEW MEXICO

TRACT NO.	WORKING INTEREST OWNER	WI IN TRACT, %	UNIT PARTICIPATION %
1	Pennzoil Company Wainoco, Inc.	82.936 17.064 <u>100.000</u>	0.86896 0.17879 <u>1.04775</u>
2	Pennzoil Company Wainoco, Inc.	50.000 50.000 <u>100.000</u>	0.39447 0.39446 <u>0.78893</u>
4	Mobil Oil Corp.	100.000	2.07334
5	Mobil Oil Corp.	100.000	1.14292
6	Pennzoil Company Wainoco, Inc.	82.936 17.064 <u>100.000</u>	1.91288 0.39359 <u>2.30657</u>
7	Shell Oil Company	100.000	1.55029
8	Shell Oil Company	100.000	3.43148
9	Mobil Oil Corp.	100.000	2.85740
10	Mobil Oil Corp.	100.000	67.23428
11	Mobil Oil Corp. Phillips Petroleum Co.	50.000 50.000 <u>100.000</u>	0.41240 0.41240 <u>0.82480</u>
12	Mobil Oil Corp.	100.000	4.04850
13	Martin Anderson Arthur L. Booth Peter B. Cannell J. A. Davidson Murray Fasken Derrell Henry E. H. Holcomb Wesley T. House JGM, Inc. R. W. Keener Ladd Petroleum Corporation Walter Lubanko M & B Investments Mallard Exploration, Inc. Charles E. Marsh II John G. McMillian, Jr. Mobil Oil Corp. Homer Olsen, Jr. Robert C. Porter Pike H. Sullivan David K. Watkiss Francis S. Williams	5.000 2.000 2.000 2.000 6.250 2.000 5.000 6.250 2.000 2.000 5.000 2.000 10.000 2.000 12.000 10.000 12.500 2.000 2.000 2.000 3.000 2.000 <u>100.000</u>	0.07064 0.02825 0.02825 0.02825 0.08831 0.02825 0.07064 0.08831 0.02825 0.02825 0.08477 0.02825 0.14128 0.02825 0.16953 0.14128 0.17660 0.02825 0.02825 0.02825 0.04238 0.02826 <u>1.41275</u>

<u>TRACT NO.</u>	<u>WORKING INTEREST OWNER</u>	<u>WI IN TRACT, %</u>	<u>UNIT PARTICIPATION %</u>
14	Shell Oil Co.	100.000	0.50673
15	Mobil Oil Corp.	50.0398	0.93624
	Shell Oil Co.	49.9602	0.93477
		<u>100.0000</u>	<u>1.87101</u>
16	Continental Oil Co.	100.0000	0.50673
17	Gulf Oil Corporation	100.0000	4.97901
18	Texaco Inc.	100.0000	1.58749
19	Shell Oil Company	100.0000	1.83002
			<u><u>100.00000</u></u>
	TOTAL		100.00000

EXHIBIT "C" SUMMARY
TO
UNIT OPERATING AGREEMENT
NORTH VACUUM ABO UNIT
LEA COUNTY, NEW MEXICO

<u>WORKING INTEREST OWNER</u>	<u>TRACT NO.</u>	<u>UNIT PARTICIPATION</u>
Martin Anderson	13	0.07064
Arthur L. Booth	13	0.02825
Peter B. Cannell	13	0.02825
Continental Oil Co.	16	0.50673
J. A. Davidson	13	0.02825
Murray Fasken	13	0.08831
Gulf Oil Corporation	17	4.97901
Derrell Henry	13	0.02825
E. H. Holcomb	13	0.07064
Wesley T. House	13	0.08831
JGM, Inc.	13	0.02825
R. W. Keener	13	0.02825
Ladd Petroleum Corporation	13	0.08477
Walter Lubanko	13	0.02825
M & B Investments	13	0.14128
Mallard Exploration, Inc.	13	0.02825
Charles E. Marsh II	13	0.16953
John G. McMillian, Jr.	13	0.14128
Mobil Oil Corporation	4	2.07334
	5	1.14292
	9	2.35740
	10	67.23428
	11	0.41240
	12	4.04850
	13	0.17660
	15	0.93624
		<u>78.38168</u>
Homer Olsen, Jr.	13	0.02825
Pennzoil Company	1	0.86896
	2	0.39447
	6	<u>1.91298</u>
		3.17641

<u>WORKING INTEREST OWNER</u>	<u>TRACT NO.</u>	<u>UNIT PARTICIPATION</u>
Phillips Petroleum Co.	11	0.41240
Robert C. Porter	13	0.02825
Shell Oil Company	7	1.55029
	8	3.43148
	14	0.50673
	15	0.93477
	19	1.83002
		<u>8.25329</u>
Pike H. Sullivan, Jr.	13	0.02825
Texaco Inc.	18	1.58749
Wainoco, Inc.	1	0.17879
	2	0.39446
	6	0.39359
		<u>0.96684</u>
David K. Watkiss	13	0.04238
Francis S. Williams	13	<u>0.02826</u>
GRAND TOTAL		100.00000



State of New Mexico

OFFICE OF THE

Commissioner of Public Lands

Santa Fe

JIM BACA
COMMISSIONER

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

October 2, 1992

Campbell, Carr, Berge & Sheridan, P.A.
P.O. Box 2208
Santa Fe, New Mexico 87504-2208

Attn: Mr. William F. Carr

Re: Amendment of the Definition of "Unitized Formation"
West Vacuum Unit Agreement
Lea County, New Mexico

Dear Mr. Carr:

This office is in receipt of your application to amend the West Vacuum Unit Agreement to provide for expansion of the "Unitized Interval" as originally described in Section 2, Subsection (j) of said agreement.

We have also received additional documentation supporting your application, and a copy of the New Mexico Oil Conservation's Case No. 3344 (Reopened), Order No. R-3007-1 approving said amendment dated May, 6, 1992.


It is our understanding that 99.8% of the working interest owners in the West Vacuum Unit have approved the applicant's proposed expansion of the "Unitized Formation". In addition, it is also our understanding that the unit in all other respects will remain unchanged.

Please be advised that the Commissioner of Public Lands concurs with the New Mexico Oil Conservation Division and has this date approved the amendment to the definition of "Unitized Formation" in the West Vacuum Unit Agreement. Please submit copies of the "Amendment to the Unit Agreement for the West Vacuum Unit Area" executed by the various working interest owners in said unit.

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

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: 
FLOYD O. PRANDO, Director
Oil/Gas and Minerals Division
(505) 827-5744
JB/FOP/pm
cc: Reader File
OCD-Santa Fe



JIM BACA
COMMISSIONER

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

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

January 29, 1992

Sage Energy Company
10101 Reunion Place, Suite 800
San Antonio, Texas 78216

Attn: Ms. Linda M. Nesting

Re: North Vacuum (Abo) North Unit
Lea County, New Mexico

Dear Ms. Nesting:

This office is in receipt of your letter dated September 18, 1991 together with Original Consent and Ratifications executed by Kathleen Irwin, Co-Trustee of the Wallace W. Irwin Testamentary Trust. Also included are ratifications to the above document executed by Kathleen Irwin, Oxy U. S. A. Inc., Marathon Oil Company, J. A. Davidson, and Gregory J. Gallagher.

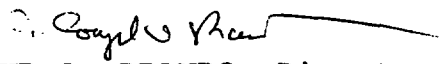
We are also in receipt of your letters of September 18, 1991 and December 10, 1991. Included with these letters are the Recorded Revision and the Amended Revision of Exhibits "B", "C-I and I" which corrects the ownership of Tract 16 of the unit.

These instruments are hereby accepted for record and are hereby made a part of the unit agreement file.

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

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: 
FLOYD O. PRANDO, Director
Oil/Gas and Minerals Division
(505) 827-5744
JB/FOP/pm
encls.

cc: Reader File
OCD
TRD

Mobil Oil Corporation

October 11, 1976

4820
OCT 13 3 52 PM '76
THREE GREENWAY PLAZA EAST - SUITE 800
HOUSTON, TEXAS 77046

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, NM 87501

Dear Sir:

REQUEST FOR APPROVAL OF SECOND ENLARGEMENT,
NORTH VACUUM ABO UNIT
LEA COUNTY, NEW MEXICO


Having obtained preliminary approval by the Commissioner of Public Lands and the New Mexico Oil Conservation Commission to expand subject unit and having given notice to all parties whose interests are affected, advising that 30 days would be allowed for submission to the Unit Operator of any objections (no objections were received), we now request final approval of the Commissioner to expand the Unit . . . said expansion to be effective November 1, 1976.

In support of the application for final approval, we attach the following documents:

1. Ratifications of the Working Interest Owners - two copies, one of which is an original.
2. Revised Exhibit "A" to the Unit Agreement
3. Revised Exhibit "B" to the Unit Agreement
4. Revised Exhibit "C" and Summary "C" to the Unit Operating Agreement

Upon receipt of final approval of the Commissioner and Commission, a Certificate of Effectiveness will be filed. A copy of the Certificate with recording date will be furnished for your file.

Yours very truly,


H. C. Patton
Division Joint Interest
Administrator

LMHil1/nwm
Attachments

JOINDER TO UNIT OPERATING AGREEMENT AND/OR UNIT AGREEMENT
NORTH VACUUM ABO UNIT
LEA COUNTY, NEW MEXICO

UNIT ENLARGEMENT

Each of the undersigned owners (whether one or more) of royalty interests acknowledges receipt of a counterpart of an instrument titled, "Unit Agreement, North Vacuum Abo Unit, Lea County, New Mexico", dated as of the first day of July, 1972, providing for the conduct of unit operations in the Permian formation of the North Vacuum Abo Field, located in Lea County, New Mexico, and made effective December 1, 1972, as evidenced by a certificate dated December 18, 1972 (recorded in Book 306, page 813, of the records of Lea County, New Mexico); and each of the undersigned owners (whether one or more) of a working interest acknowledges receipt of a counterpart of said Unit Agreement, and counterpart of an instrument entitled, "Unit Operating Agreement, North Vacuum Abo Unit, Lea County, New Mexico", dated as of the first day of July, 1972.

The Unit Agreement, by revised Exhibit "B", describes each tract in the Unit Area, and by Exhibit "A", shows on a map the boundary lines of the Unit Area and the tracts therein.

The Unit Agreement and the Unit Operating Agreement provide that any person may become a party to the agreements by signing the original, counterpart, or other instrument which evidences an intention to be bound by the terms of such agreements.

Each of the undersigned owners represents that he is the owner of a working interest or a royalty interest, or both, as defined in said Unit Agreement, in one or more of the tracts described in Exhibit "B" of the said Unit Agreement.

NOW THEREFORE, each of the royalty owners who sign this instrument agrees to become a party to and be bound by the provisions of the Unit Agreement as if he had signed the original; and each of the working interest owners who sign the instrument agrees to become a party to and be bound by the provisions of the Unit Agreement and the Unit Operating Agreement, as if he had signed the originals. Each of the undersigned owners agrees that the parties to the Unit Agreement and the Unit Operating Agreement are those that sign the originals, any counterparts of said instruments or any instrument which evidences an intention to be so bound.

EXECUTED as of the 7th day of September, 1976.

APPROVED AS TO

Term 7/15/76

Form 7/15/76

TEXACO INC.

A. F. Clarke
Attorney-in-Fact

NEW MEXICO ACKNOWLEDGMENTS

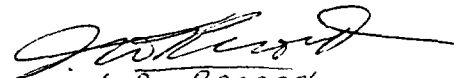
CORPORATION

STATE OF TEXAS X
COUNTY OF MIDLAND X

The foregoing instrument was acknowledged before me this
7th day of September, 1976, by G. F. Clarke,
Attorney-in-Fact of Texaco Inc., a
Delaware corporation, on behalf of said corporation.

My Commission Expires:

JUNE 1, 1977


J. D. Record
Notary Public in and for
Midland County, Texas

* * * *

INDIVIDUAL

STATE OF _____ X
COUNTY OF _____ X

The foregoing instrument was acknowledged before me this
_____ day of _____, 1976, by _____.

My Commission Expires:

Notary Public in and for
_____ County, _____

* * * *

STATE OF _____ X
COUNTY OF _____ X

The foregoing instrument was acknowledged before me this
_____ day of _____, 1976, by _____.

My Commission Expires:

Notary Public in and for
_____ County, _____

JOINDER TO UNIT OPERATING AGREEMENT AND/OR UNIT AGREEMENT
NORTH VACUUM ABO UNIT
LEA COUNTY, NEW MEXICO

UNIT ENLARGEMENT

Each of the undersigned owners (whether one or more) of royalty interests acknowledges receipt of a counterpart of an instrument titled, "Unit Agreement, North Vacuum Abo Unit, Lea County, New Mexico", dated as of the first day of July, 1972, providing for the conduct of unit operations in the Permian formation of the North Vacuum Abo Field, located in Lea County, New Mexico, and made effective December 1, 1972, as evidenced by a certificate dated December 18, 1972 (recorded in Book 306, page 813, of the records of Lea County, New Mexico); and each of the undersigned owners (whether one or more) of a working interest acknowledges receipt of a counterpart of said Unit Agreement, and counterpart of an instrument entitled, "Unit Operating Agreement, North Vacuum Abo Unit, Lea County, New Mexico", dated as of the first day of July, 1972.

The Unit Agreement, by revised Exhibit "B", describes each tract in the Unit Area, and by Exhibit "A", shows on a map the boundary lines of the Unit Area and the tracts therein.

The Unit Agreement and the Unit Operating Agreement provide that any person may become a party to the agreements by signing the original, counterpart, or other instrument which evidences an intention to be bound by the terms of such agreements.

Each of the undersigned owners represents that he is the owner of a working interest or a royalty interest, or both, as defined in said Unit Agreement, in one or more of the tracts described in Exhibit "B" of the said Unit Agreement.

NOW THEREFORE, each of the royalty owners who sign this instrument agrees to become a party to and be bound by the provisions of the Unit Agreement as if he had signed the original; and each of the working interest owners who sign the instrument agrees to become a party to and be bound by the provisions of the Unit Agreement and the Unit Operating Agreement, as if he had signed the originals. Each of the undersigned owners agrees that the parties to the Unit Agreement and the Unit Operating Agreement are those that sign the originals, any counterparts of said instruments or any instrument which evidences an intention to be so bound.

EXECUTED as of the 14th day of June, 1976.

SHELL OIL COMPANY

By



J. B. Stanley, Attorney in Fact

NEW MEXICO ACKNOWLEDGMENTS

CORPORATION

STATE OF TEXAS X
COUNTY OF HARRIS X

The foregoing instrument was acknowledged before me this
14th day of June, 1976, by J.B. STANLEY
ATTORNEY IN FACT of SHELL OIL COMPANY, a
Delaware corporation, on behalf of said corporation.

My Commission Expires:

Christel H. Mintz
Notary Public in and for
County, _____

CHRISTEL H. MINTZ
Notary Public In And For Harris County, Texas
My Commission Expires June 1, 1977
* * * *

INDIVIDUAL

STATE OF _____ X
COUNTY OF _____ X

The foregoing instrument was acknowledged before me this
_____ day of _____, 1976, by _____
_____.

My Commission Expires:

Notary Public in and for
County, _____

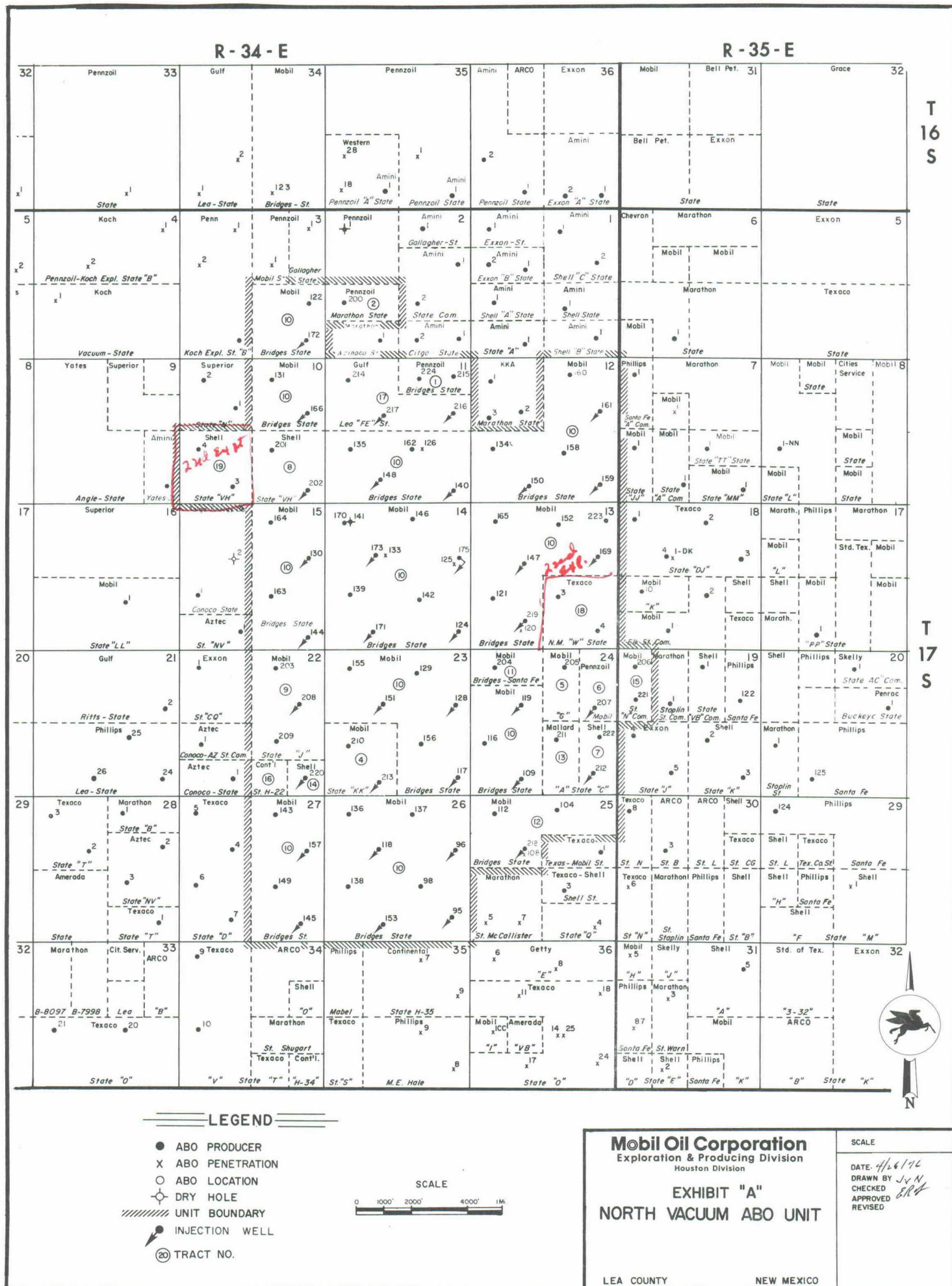
* * * *

STATE OF _____ X
COUNTY OF _____ X

The foregoing instrument was acknowledged before me this
_____ day of _____, 1976, by _____
_____.

My Commission Expires:

Notary Public in and for
County, _____



RECEIVED
SEP 20 9 15 AM '76
STATE LAND OFFICE
SANTA FE, N.M.

EXHIBIT "B" TO UNIT AGREEMENT
NORTH VACUUM ABO UNIT
LEA COUNTY, NEW MEXICO

TRACT NUMBER	LEASE NAME & DESCRIPTION OF LAND	NUMBER OF ACRES	NEW MEXICO STATE LEASE NUMBER	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER &	% WI IN TRACT	UNIT PARTICIPATION, %
1	Bridges State Township 17 South, Range 34 East Section 11, N/2 NE/4	80	E-580	State of New Mexico 12.5%	Gulf Oil Corp.	Gulf Oil Corp. 6.2500	Pennzoil Company Wainoco, Inc.	82.936 17.064 100.000	0.86896 0.17879 1.04775
2	Marathon State Township 17 South, Range 34 East Section 2: N/2 SW/4	80	E-619-5	State of New Mexico 12.5%	Yates Drilling Co.	Marathon Oil Co. 6.2500	Pennzoil Company Wainoco, Inc.	50.000 50.000 100.000	0.39447 0.39446 0.78893
4	State "KK" Township 17 South, Range 34 East Section 23: SW/4	160	B-1040-1	State of New Mexico 12.5%	Amerada Hess Corp.	Amerada Hess Corp. 12.5	Mobil Oil Corp.	100.000	2.07334
5	State "G" Township 17 South, Range 34 East Section 24: W/2 NE/4	80	B-1106	State of New Mexico 12.5%	Mobil Oil Corp.	None	Mobil Oil Corp.	100.000	1.14292
6	Mobil 24 State Com. Township 17 South, Range 34 East Section 24: E/2 NE/4	80	B-1106 E-5765-4	State of New Mexico 12.5%	Mobil Oil Corp. Pennzoil Company	E. A. Culbertson 1.5625 Wallace W. Irwin 1.5625 Mobil Oil Corp. 6.2500 Scope Industries 3.1250	Wainoco, Inc. Pennzoil Company	17.064 82.936 100.000	0.39359 1.91298 2.30657
7	State "C" Township 17 South, Range 34 East Section 22: E/2 SE/4	80	B-1404-2 B-1404-3	State of New Mexico 12.5%	Shell Oil Co. Atlantic Richfield Co.	None	Shell Oil Co.	100.000	1.55029
8	State "VH" Township 17 South, Range 34 East Section 10: SE/4	160	E-1449-6	State of New Mexico 12.5%	Yates Drilling Co.	None	Shell Oil Co.	100.000	3.43148
9	State "J" Township 17 South, Range 34 East Section 22: NE/4 and N/2 SE/4	240	B-1519	State of New Mexico 12.5%	Mobil Oil Corp.	None	Mobil Oil Corp.	100.000	2.85740

TRACT NUMBER	LEASE NAME & DESCRIPTION OF LAND	NUMBER OF ACRES	NEW MEXICO STATE LEASE NUMBER	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER &	% WI IN TRACT	UNIT PARTICIPATION, %
10	Bridges State Township 17 South, Range 34 East	4,240	B-1520-1	State of New Mexico 12.5%	Mobil Oil Corp.	None	Mobil Oil Corp.	100.00	67.23428
	Section 3: SE/4								
	Section 10: NE/4								
	Section 11: S/2								
	Section 12: NE/4 & S/2								
	Section 13: N/2 & SW/4								
	Section 14: A11								
	Section 15: E/2								
	Section 23: N/2 & SE/4								
	Section 24: S/2 NW/4 & SW/4								
11	Bridges State Township 17 South, Range 34 East	80	B-1520-1 B-3935	State of New Mexico 12.5%	Mobil Oil Corp. Phillips Petroleum Co.	None	Mobil Oil Corp. Phillips Petroleum Co.	50.00	0.41240
	50.00							0.41240	
	100.00							0.82480	
12	Bridges State Township 17 South, Range 34 East	240	B-1520-1	State of New Mexico 12.5%	Mobil Oil Corp.	None	Mobil Oil Corp.	100.00	4.04850
	Section 25: NW/4 and N/2 NE/4								
13	State "A" Township 17 South, Range 34 East	80	B-1838-3	State of New Mexico 12.5%	Atlantic Richfield Co.	Atlantic Richfield 12.5%	Martin Anderson	5.00	0.07064
	Arthur L. Booth						2.00	0.02825	
	Peter B. Cannell						2.00	0.02825	
	J. A. Davidson						2.00	0.02825	
	Murray Fasken						6.25	0.08831	
	Derrell Henry						2.00	0.02825	
	E. H. Holcomb						5.00	0.07064	
	Wesley T. House						6.25	0.08831	
	JGM, Inc.						2.00	0.02825	
	R. W. Keener						2.00	0.02825	
	Ladd Petroleum Corp.						6.00	0.08477	
	Walter Lubanko						2.00	0.02825	
	M & B Investments						10.00	0.14128	
	Mallard Exploration, Inc.						2.00	0.02825	
	Charles E. Marsh II						12.00	0.16953	
	John G. McMillian, Jr.						10.00	0.14128	
	Mobil Oil Corp.						12.50	0.17660	
	Homer Olsen, Jr.						2.00	0.02825	
	Robert C. Porter						2.00	0.02825	
	Pike H. Sullivan, Jr.						2.00	0.02825	
	David K. Watkiss						3.00	0.04238	
	Francis S. Williams						2.00	0.02826	
								100.00	

TRACT NUMBER	LEASE NAME & DESCRIPTION OF LAND	NUMBER OF ACRES	NEW MEXICO STATE LEASE NUMBER	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER &	% WI IN TRACT	UNIT PARTICIPATION, %
14	State 22 Township 17 South, Range 34 East Section 22: SE/4 SE/4	40	B-2354-2	State of New Mexico 12.5%	Shell Oil Co.	None	Shell Oil Co.	100.00	0.50673
15	State "N" Com. Township 17 South, Range 35 East Section 19: W/2 NW/4	75.30	B-2423-4 E-7259	State of New Mexico 12.5%	Mobil Oil Corp. Shell Oil Co.	None	Mobil Oil Corp. Shell Oil Co.	50.04 49.96 100.00	0.93624 0.93477 1.87101
16	State "H" Township 17 South, Range 34 East Section 22: SW/4 SE/4	40	B-3196	State of New Mexico 12.5%	Continental Oil Co.	None	Continental Oil Co.	100.00	0.50673
17	Lea "FE" State Township 17 South, Range 34 East Section 11: NW/4, S/2 NE/4	240	E-580	State of New Mexico 12.5%	Gulf Oil Corp.	None	Gulf Oil Corp.	100.00	4.97901
18	State "W" Township 17 South, Range 34 East Section 13: SE/4	160	B-959-1	State of New Mexico 12.5%	Texaco Inc.	None	Texaco Inc.	100.00	1.58749
19	State "VH" Township 17 South, Range 34 East Section 10: SW/4	160	E-1449-1	State of New Mexico 12.5%	<i>Shell oil co</i> Yates Drilling Co.	None	Shell Oil Co.	100.00	1.83002
TOTAL:	18 State Tracts	6,315.30 Acres							100.00000

EXHIBIT "C"
TO
UNIT OPERATING AGREEMENT
NORTH VACUUM ABO UNIT
LEA COUNTY, NEW MEXICO

TRACT NO.	WORKING INTEREST OWNER	WI IN TRACT, %	UNIT PARTICIPATION %
1	Pennzoil Company Wainoco, Inc.	82.936 17.064 <u>100.000</u>	0.86896 0.17879 <u>1.04775</u>
2	Pennzoil Company Wainoco, Inc.	50.000 50.000 <u>100.000</u>	0.39447 0.39446 <u>0.78893</u>
4	Mobil Oil Corp.	100.000	2.07334
5	Mobil Oil Corp.	100.000	1.14292
6	Pennzoil Company Wainoco, Inc.	82.936 17.064 <u>100.000</u>	1.91288 0.39359 <u>2.30657</u>
7	Shell Oil Company	100.000	1.55029
8	Shell Oil Company	100.000	3.43148
9	Mobil Oil Corp.	100.000	2.85740
10	Mobil Oil Corp.	100.000	67.23428
11	Mobil Oil Corp. Phillips Petroleum Co.	50.000 50.000 <u>100.000</u>	0.41240 0.41240 <u>0.82480</u>
12	Mobil Oil Corp.	100.000	4.04850
13	Martin Anderson Arthur L. Booth Peter B. Cannell J. A. Davidson Murray Fasken Derrell Henry E. H. Holcomb Wesley T. House JGM, Inc. R. W. Keener Ladd Petroleum Corporation Walter Lubanko M & B Investments Mallard Exploration, Inc. Charles E. Marsh II John G. McMillian, Jr. Mobil Oil Corp. Homer Olsen, Jr. Robert C. Porter Pike H. Sullivan David K. Watkiss Francis S. Williams	5.000 2.000 2.000 2.000 6.250 2.000 5.000 6.250 2.000 2.000 6.000 2.000 10.000 2.000 12.000 10.000 12.500 2.000 2.000 2.000 3.000 2.000 <u>100.000</u>	0.07064 0.02825 0.02825 0.02825 0.08831 0.02825 0.07064 0.08831 0.02825 0.02825 0.08477 0.02825 0.14128 0.02825 0.16953 0.14128 0.17660 0.02825 0.02825 0.02825 0.04238 0.02826 <u>1.41275</u>

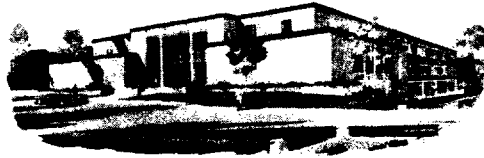
<u>TRACT NO.</u>	<u>WORKING INTEREST OWNER</u>	<u>WI IN TRACT, %</u>	<u>UNIT PARTICIPATION %</u>
14	Shell Oil Co.	100.000	0.50673
15	Mobil Oil Corp.	50.0398	0.93624
	Shell Oil Co.	49.9602	0.93477
		<u>100.0000</u>	<u>1.87101</u>
16	Continental Oil Co.	100.0000	0.50673
17	Gulf Oil Corporation	100.0000	4.97901
18	Texaco Inc.	100.0000	1.58749
19	Shell Oil Company	100.0000	1.83002
			<u><u>100.00000</u></u>
	TOTAL		100.00000

EXHIBIT "C" SUMMARY
TO
UNIT OPERATING AGREEMENT
NORTH VACUUM ABO UNIT
LEA COUNTY, NEW MEXICO

<u>WORKING INTEREST OWNER</u>	<u>TRACT NO.</u>	<u>UNIT PARTICIPATION</u>
Martin Anderson	13	0.07064
Arthur L. Booth	13	0.02825
Peter B. Cannell	13	0.02825
Continental Oil Co.	16	0.50673
J. A. Davidson	13	0.02825
Murray Fasken	13	0.08831
Gulf Oil Corporation	17	4.97901
Derrell Henry	13	0.02825
E. H. Holcomb	13	0.07064
Wesley T. House	13	0.08831
JGM, Inc.	13	0.02825
R. W. Keener	13	0.02825
Ladd Petroleum Corporation	13	0.08477
Walter Lubanko	13	0.02825
M & B Investments	13	0.14128
Mallard Exploration, Inc.	13	0.02825
Charles E. Marsh II	13	0.16953
John G. McMillian, Jr.	13	0.14128
Mobil Oil Corporation	4	2.07334
	5	1.14292
	9	2.85740
	10	67.23428
	11	0.41240
	12	4.04850
	13	0.17660
	15	0.93624
		<u>78.88168</u>
Homer Olsen, Jr.	13	0.02825
Pennzoil Company	1	0.86896
	2	0.39447
	6	1.91298
		<u>3.17641</u>

<u>WORKING INTEREST OWNER</u>	<u>TRACT NO.</u>	<u>UNIT PARTICIPATION</u>
Phillips Petroleum Co.	11	0.41240
Robert C. Porter	13	0.02825
Shell Oil Company	7	1.55029
	8	3.43148
	14	0.50673
	15	0.93477
	19	<u>1.83002</u>
		8.25329
Pike H. Sullivan, Jr.	13	0.02825
Texaco Inc.	18	1.58749
Wainoco, Inc.	1	0.17879
	2	0.39446
	6	<u>0.39359</u>
		0.96684
David K. Watkiss	13	0.04238
Francis S. Williams	13	<u><u>0.02826</u></u>
GRAND TOTAL		100.00000

State of New Mexico

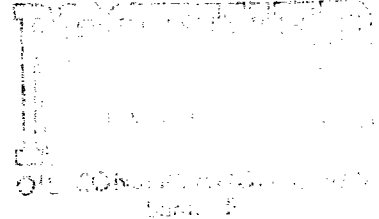


Commissioner of Public Lands

November 21, 1973

ALEX J. ARMIJO
COMMISSIONER

4850
TELEPHONE
505-827-2748



P. O. Box 1148
SANTA FE, NEW MEXICO

Mobil Oil Corporation
P. O. Box 633
Midland, Texas 79701

Re: Second Enlargement
North Vacuum Abo Unit
Lea County, New Mexico

ATTENTION: Mr. John D. Howard

Gentlemen:

In reply to your letter of November 14, 1973, please be advised that the Commissioner of Public Lands hereby grants preliminary concurrence to the proposed Second Enlargement to the North Vacuum Abo Unit Agreement, Lea County, New Mexico. Said concurrence is subject to like concurrence by the New Mexico Oil Conservation Commission.

Please submit at least two copies of the application for final approval accompanied by appropriate joinders for the new acreage committed. Also submit revised Exhibits "A" and "B".

Very truly yours,

RODOLFO U. MARTINEZ
Assistant Director
Oil and Gas Department

AJA/RUM/s

C&I

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

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

March 23, 1976

Mobil Oil Corporation
P. O. Box 633
Midland, Texas 79701

Attention: Mr. L. H. Davis

Re: Proposed Second Enlargement
North Vacuum Abo Unit, Lea
County, New Mexico.

Gentlemen:

In accordance with Section 4 of the North Vacuum Abo
Unitization Agreement, the Oil Conservation Commission
hereby grants preliminary concurrence of the proposed
second enlargement of the unit area to include the
following acreage:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM

Section 10: SW/4

Section 13: SE/4

This concurrence supersedes that granted January 4, 1974,
for the second enlargement and is subject to like con-
currence by the Commissioner of Public Lands.

Very truly yours,

JOE D. RAMEY
Secretary-Director

JDR/JEK/oq

cc: Commissioner of Public Lands
Land Office Building
Santa Fe, New Mexico

(Letter Only)

4530

Mobil Oil Corporation

March 17, 1976

P. O. BOX 633
MIDLAND, TEXAS 79701

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

Attention: Mr. Joe D. Ramey

PROPOSED SECOND ENLARGEMENT
NORTH VACUUM ABO UNIT
NORTH VACUUM ABO POOL
LEA COUNTY, NEW MEXICO

Gentlemen:

Mobil Oil Corporation respectfully requests preliminary concurrence to enlarge the North Vacuum Abo Unit to include additional lands and wells. The description of these lands and wells is as follows:

<u>OPERATOR & FEE NAME</u>	<u>WELL NO. & LOCATION</u>	<u>LAND DESCRIPTION</u>
Shell Oil Company		
State VH	3 N 10-17-34	SW 1/4 Sec. 10
	4 L 10-17-34	T-17-S, R-34-E
Texaco, Inc.		
N.M. W State NCT-1	3 J 13-17-34	SE 1/4 Sec. 13
	4 P 13-17-34	T-17-S, R-34-E

The Commission's preliminary concurrence of this expansion is necessary to be in accordance with the unitization agreement of the Working Interest Owners.

This request has been made of the Commissioner of Public Lands, and we trust his office will furnish you a copy of their reply.

Yours very truly,


L. A. Davis
Area Operations Engineer

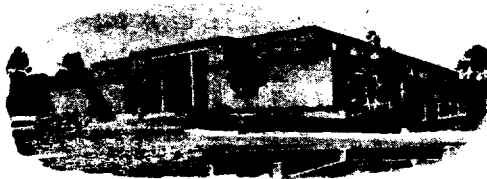
ADBond/cs

cc: Commissioner of Public Lands
NMOCC - Hobbs



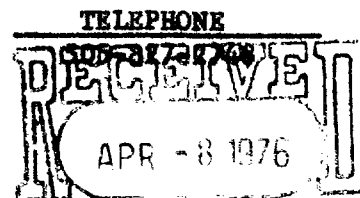
PHIL R. LUCERO
COMMISSIONER

State of New Mexico



Commissioner of Public Lands

April 6, 1976



OIL CONSERVATION COMM

Santa Fe

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

Mobil Oil Corporation
P. O. Box 633
Midland, Texas 79701

Re: PROPOSED SECOND ENLARGEMENT
NORTH VACUUM ABO UNIT
NORTH VACUUM ABO POOL
LEA COUNTY, NEW MEXICO

ATTENTION: Mr. L. A. Davis

Gentlemen:

By your letter of March 31, 1976, you advise this office that you wish to enlarge the North Vacuum Abo Unit to include the following lands:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM

Section 10: SW/4
Section 13: SE/4

You are hereby given preliminary concurrence to the proposed second enlargement of the unit area, provided, that you file the proper joinders by the Lessees of Record. Also after final approval has been granted we expect to receive Revised Exhibits "A" and "B" to the North Vacuum Abo Unit. Also, we would like to receive evidence of mailing of notice of this expansion to the Working Interest owners and objections if any.

The New Mexico Oil Conservation Commission gave their concurrence March 23, 1976.

Very truly yours,

PHIL R. LUCERO
COMMISSIONER OF PUBLIC LANDS

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

PRL/RDG/s
cc:

OCC-Santa Fe, New Mexico ✓

Mobil Oil Corporation

March 31, 1976

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501

4/9/80

PROPOSED SECOND ENLARGEMENT
NORTH VACUUM ABO UNIT
NORTH VACUUM ABO POOL
LEA COUNTY, NEW MEXICO


Gentlemen:

Mobil Oil Corporation respectfully requests preliminary concurrence to enlarge the North Vacuum Abo Unit to include additional lands and wells described as follows:

<u>OPERATOR & FEE NAME</u>	<u>WELL NO. & LOCATION</u>	<u>LAND DESCRIPTION</u>
Shell Oil Company		
State VH	3 N 10-17-34	SW 1/4 Sec. 10
	4 L 10-17-34	T-17-S, R-34-E
Texaco, Inc.		
N. M. W State NCT-1	3 J 13-17-34	SE 1/4 Sec. 13
	4 P 13-17-34	T-17-S, R-34-E

The Commissioner's preliminary concurrence of this expansion is necessary to be in accordance with the unitization agreement of the Working Interest Owners.

Yours very truly,


L. A. Davis
Area Operations Engineer

ADBond/cs

cc: NMOCC - Santa Fe
NMOCC - Hobbs

THIS COPY FOR

Jim

OIL CONSERVATION COMMISSION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

January 4, 1974

4830

C
O
P
Y

Mobil Oil Corporation
P. O. Box 633
Midland, Texas 79701

Attention: Mr. John D. Howard

Re: Second Enlargement
North Vacuum Abo
Unit, Lea County,
New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date granted preliminary concurrence to the Second Enlargement to the North Vacuum Abo Unit as proposed in the application dated November 14, 1973, subject to like concurrence by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/JEK/og

cc: United States Geological Survey
Box 1857
Roswell, New Mexico

Commissioner of Public Lands
Santa Fe, New Mexico

- letter only -

Mobil Oil Corporation

P.O. BOX 633
MIDLAND, TEXAS 79701

November 14, 1973

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

Attention: Mr. A. L. Porter, Jr.

PROPOSED SECOND ENLARGEMENT
NORTH VACUUM ABO UNIT
NORTH VACUUM - ABO POOL
LEA COUNTY, NEW MEXICO

Gentlemen:

Mobil Oil Corporation respectfully requests preliminary concurrence to enlarge the North Vacuum Abo Unit to include additional lands and wells. The description of these lands and wells is as follows:

<u>OPERATOR & FEE NAME</u>	<u>WELL NO. & LOCATION</u>	<u>LAND DESCRIPTION</u>
Koch Exploration Co. Miller B State	2 N 3-17-34	E 1/2 SW 1/4 Sec. 3, T17S, R34E
Marathon Oil Company Wainoco E-619 St. A/C-B	1 N 2-17-34	S 1/2 SW Sec. 2, T17S, R34E
Mobil Oil Corporation State A Com	1 N 7-17-35	E 1/2 SW 1/4 Sec. 7, T17S, R35E
State JJ	1 L 7-17-35	Lots 3 & 4 Sec. 7, T17S, R35E
State MM	1 P 7-17-35	S 1/2 SE 1/4 Sec. 7, T17S, R35E
Phillips Petroleum Co. Santa Fe A Com	1 D 7-17-35	Lots 1 & 2 Sec. 7, T17S, R35E
Shell Oil Company State VH	3 N 10-17-34 4 L 10-17-34	SW 1/4 Sec. 10, T17S, R34E
The Superior Oil Co. State N	1 P 10-17-34 2 D 10-17-34	NW 1/4 Sec. 10, T17S, R34E

Mobil Oil Corporation

P.O. BOX 633
MIDLAND, TEXAS 79701

Mr. A. L. Porter, Jr.

-2-

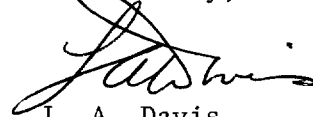
November 14, 1973

<u>OPERATOR & FEE NAME</u>	<u>WELL NO. & LOCATION</u>	<u>LAND DESCRIPTION</u>
Texaco, Inc. N.M. DJ St.	1 D 18-17-35	Lots 1 & 2, E 1/2
	2 B 18-17-35	NW 1/4 & NE 1/4
	3 H 18-17-35	Sec. 18, T17S, R35E
	4 F 18-17-35	
N.M. W State NCT-1	3 J 13-17-34	SE 1/4 Sec. 13
	4 P 13-17-34	T17S, R34E

The Commission's preliminary concurrence of this expansion is necessary to be in accordance with the unitization agreement of the Working Interest Owners.

This request has been made of the Commissioner of Public Lands, and we trust his office will furnish you a copy of their reply.

Yours truly,



L. A. Davis

Area Operations Engineer

ADBond/dm

cc: Commissioner of Public Lands
NMOCC - Hobbs

*Please note our letter
of same subject dated 11/14
& signed by John D. Howard*

Mobil Oil Corporation

P. O. BOX 633
MIDLAND, TEXAS 79701

September 14, 1973

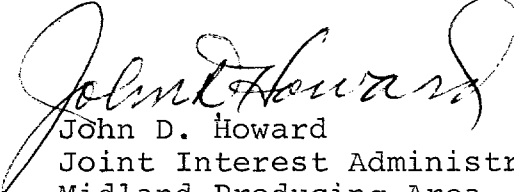
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

FIRST ENLARGEMENT
NORTH VACUUM ABO UNIT
LEA COUNTY, NEW MEXICO

Gentlemen:

Attached for your file record is copy of the recorded "Certificate of Effectiveness, First Enlargement, North Vacuum Abo Unit". The revised Exhibits "A" and "B" were furnished with our letter of July 26, 1973.

Yours very truly,



John D. Howard
Joint Interest Administrator
Midland Producing Area

LMHill/gs

Attachment

CERTIFICATE OF EFFECTIVENESS
FIRST ENLARGEMENT
NORTH VACUUM ABO UNIT
LEA COUNTY, NEW MEXICO

WHEREAS, it has become desirable to enlarge the Unit Area of the North Vacuum Abo Unit covered by that certain Unit Agreement, North Vacuum Abo Unit, Lea County, New Mexico, dated July 1, 1972, recorded in Volume 306, page 242, Oil and Gas Records of Lea County, New Mexico; and

WHEREAS, under the terms of Section 4 of said Unit Agreement such enlargement has been approved by the Commissioner of Public Lands, State of New Mexico, the New Mexico Oil Conservation Commission and the Working Interest Owners, and Unit Operator has prepared revised exhibits to the said Unit Agreement reflecting the Tract Participation of each tract within the Unit Area as enlarged;

NOW THEREFORE, know all men by these presents: that Mobil Oil Corporation, Unit Operator of the North Vacuum Abo Unit does hereby certify and declare that in accordance with Section 4 of the said Unit Agreement, the enlargement of the Unit Area is effective as of 7:00 a.m., August 1, 1973.

In accordance with Section 3 of the said Unit Agreement, the attached revised Exhibits "A" and "B" shall be substituted for all purposes in the place and stead of the Exhibits "A" and "B" attached to said Certificate of Effectiveness heretofore recorded in Lea County, New Mexico.

IN TESTIMONY WHEREOF, Mobil Oil Corporation has executed this Certificate on the 9th day of August, 1973.

MOBIL OIL CORPORATION

J. S. Wright, Jr.
Attorney in Fact

* * * * *

STATE OF TEXAS X
COUNTY OF MIDLAND X

The foregoing instrument was acknowledged before me this 9th day of August, 1973, by F. S. WRIGHT, JR., Attorney in Fact of MOBIL OIL CORPORATION, a New York corporation, on behalf of said corporation.

My Commission expires:

June 1, 1975

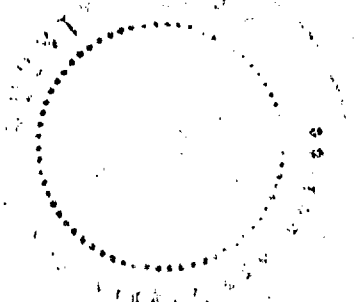
Stella J. Pearson
Notary Public in and for
Midland County, Texas

STATE OF NEW MEXICO
COUNTY OF LEA
FILED

STELLA PEARSON, Notary Public
In and for Midland County, Texas

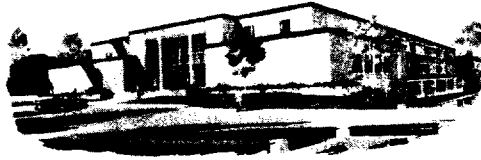
AUG 13 1973

at 11:25 o'clock AM
and Recorded in Book 311
Page 38
JANE RICE SMITH, County Clerk
By J.C. Deputy



29204

State of New Mexico



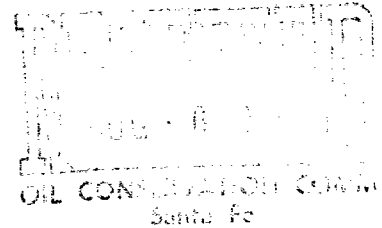
Commissioner of Public Lands

July 31, 1973



ALEX J. ARMIJO
COMMISSIONER

4830
TELEPHONE
505-827-2743



P. O. BOX 1148
SANTA FE, NEW MEXICO

Mobil Oil Corporation
P. O. Box 633
Midland, Texas 79701

Re: EXPANSION TO THE
NORTH VACUUM ABO UNIT
LEA COUNTY, NEW MEXICO

ATTENTION: Mr. John D. Howard

Gentlemen:

The Commissioner of Public Lands has this date approved the expansion to the North Vacuum Abo Unit Area, subject to like approval by the New Mexico Oil Conservation Commission.

This expansion commits Tracts 1 and 17 to the unit area. The unit boundary will be changed to include Gulf's Les "FD" State lease and Fannzoll's Bridges State lease, encompassing the entire N/2 of Section 11, Township 17 South, Range 34 East, Lea County, New Mexico. Tract 1 will be given a unit participation of 1.00482%, and Tract 17, 5.15519%. The effective date to be as of August 1, 1973.

Please submit Certificate of Effectiveness as soon as it is available.

Very truly yours,

ROMULO U. MARTINEZ
ASSISTANT DIRECTOR
Oil and Gas Department

AJA/NSA/s
cc:

New Mexico Oil Conservation Commission ✓
Santa Fe, New Mexico

New Mexico Oil and Gas Accounting Commission
Santa Fe, New Mexico

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

July 30, 1973

Mobil Oil Corporation
P. O. Box 633
Midland, Texas 79701

Attention: Mr. John D. Howard

Re: Unit Expansion, North
Vacuum Abo Unit, Lea
County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the expansion of the North Vacuum Abo Lea County, New Mexico to include the N/2 of Section 11, Township 17 South, Range 34 East, NMPM, to become effective August 1, 1973. Said approval is subject to like approval by the Commissioner of Public Lands of the State of New Mexico.

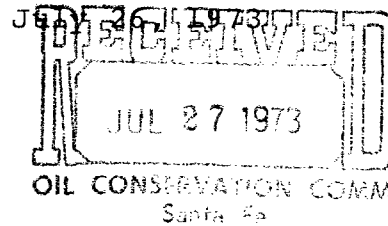
Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/JEK/ac
cc: Commissioner of Public Lands
Santa Fe, New Mexico

Mobil Oil Corporation

P. O. BOX 633
MIDLAND, TEXAS 79701



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

REQUEST FOR APPROVAL OF
EXPANSION, NORTH VACUUM ABO
UNIT, LEA COUNTY, NEW MEXICO

Gentlemen:

Having obtained preliminary approval by the Commissioner of Public Lands and the New Mexico Oil Conservation Commission to expand the subject unit; and having given notice to all parties whose interests are affected advising that 30 days would be allowed for submission to the unit operator of any objections (no objections were received), we now request final approval of the Commission to expand the unit. Said expansion to be effective August 1, 1973.

In support of this application for final approval, we attach the following documents:

1. Copies of ratifications from the Lessees of Record and Working Interest Owners.
2. Revised Exhibit "A" to the Unit Agreement, dated 5-16-73, effective August 1, 1973.
3. Revised Exhibit "B" to the Unit Agreement, dated 4-23-73, effective August 1, 1973.
4. Revised Exhibit "C" and Summary "C" to the Unit Agreement, dated 4-23-73, effective August 1, 1973.

Upon receipt of final approval by the Commissioner and Commission, a Certificate of Effectiveness will be filed. A copy of the Certificate with recording data will be furnished for your file.

Yours very truly,

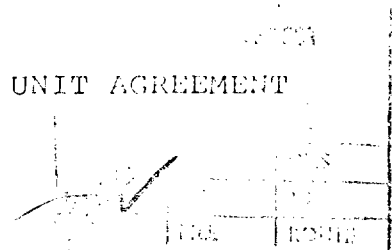
John D. Howard

Joint Interest Administrator
Midland Producing Area

LMHill/gs
Attachments

JOINDER TO UNIT OPERATING AGREEMENT AND/OR UNIT AGREEMENT
NORTH VACUUM ABO UNIT
LEA COUNTY, NEW MEXICO

UNIT ENLARGEMENT



Each of the undersigned owners (whether one or more) of royalty interests acknowledges receipt of a counterpart of an instrument titled, "Unit Agreement, North Vacuum Abo Unit, Lea County, New Mexico", dated as of the first day of July, 1972, providing for the conduct of unit operations in the Permian formation of the North Vacuum Abo Field, located in Lea County, New Mexico, and made effective December 1, 1972, as evidenced by a certificate dated December 18, 1972 (recorded in Book 306, page 813, of the records of Lea County, New Mexico); and each of the undersigned owners (whether one or more) of a working interest acknowledges receipt of a counterpart of said Unit Agreement, and a counterpart of an instrument entitled, "Unit Operating Agreement, North Vacuum Abo Unit, Lea County, New Mexico", dated as of the first day of July, 1972.

The Unit Agreement, by revised Exhibit "B", describes each tract in the Unit Area, and by Exhibit "A", shows on a map the boundary lines of the Unit Area and the tracts therein.

The Unit Agreement and the Unit Operating Agreement provide that any person may become a party to the agreements by signing the original, counterpart, or other instrument which evidences an intention to be bound by the terms of such agreements.

Each of the undersigned owners represents that he is the owner of a working interest or a royalty interest, or both, as defined in said Unit Agreement, in one or more of the tracts described in Exhibit "B" of the said Unit Agreement.

NOW THEREFORE, each of the royalty owners who sign this instrument agrees to become a party to and be bound by the provisions of the Unit Agreement as if he had signed the original; and each of the working interest owners who sign the instrument agrees to become a party to and be bound by the provisions of the Unit Agreement and the Unit Operating Agreement, as if he had signed the originals. Each of the undersigned owners agrees that the parties to the Unit Agreement and the Unit Operating Agreement are those that sign the originals, any counterparts of said instruments or any instrument which evidences an intention to be so bound.

EXECUTED as of the 13th day of May, 1973.

GULF OIL CORPORATION

W. B. H. Jones
Attorney-in-Fact

Handwritten: RWT
m/s
JAP

THE STATE OF Texas
COUNTY OF Midland

The foregoing instrument was acknowledged before me this 18th
day of May, 1973, by J. B. Hopkins,
Attorney-in-Fact for GULF OIL CORPORATION, a Pennsylvania corporation,
on behalf of said corporation.

Joan Lawson
Notary Public

My Commission Expires:
JOAN LAWSON - Notary Public
In And For Midland County, Texas
My Commission Expires June 1, 1973

_____ County, _____.

* * * * *

TEXAS INDIVIDUAL ACKNOWLEDGEMENT

STATE OF _____ X
COUNTY OF _____ X

BEFORE ME, the undersigned authority, on this day personally
appeared _____,
known to me to be the person whose name _____ subscribed to the
foregoing instrument, and acknowledged to me that he executed
the same for the purposes and consideration therein expressed and
in the capacity or capacities therein stated.

Given under my hand and seal of office this _____ day of
_____, A.D., 1973.

My Commission expires:

Notary Public in and for
_____ County, _____.

JOINDER TO UNIT OPERATING AGREEMENT AND/OR UNIT AGREEMENT
NORTH VACUUM ABO UNIT
LEA COUNTY, NEW MEXICO

UNIT ENLARGEMENT

Each of the undersigned owners (whether one or more) of royalty interests acknowledges receipt of a counterpart of an instrument titled, "Unit Agreement, North Vacuum Abo Unit, Lea County, New Mexico", dated as of the first day of July, 1972, providing for the conduct of unit operations in the Permian formation of the North Vacuum Abo Field, located in Lea County, New Mexico, and made effective December 1, 1972, as evidenced by a certificate dated December 18, 1972 (recorded in Book 306, page 813, of the records of Lea County, New Mexico); and each of the undersigned owners (whether one or more) of a working interest acknowledges receipt of a counterpart of said Unit Agreement, and a counterpart of an instrument entitled, "Unit Operating Agreement, North Vacuum Abo Unit, Lea County, New Mexico", dated as of the first day of July, 1972.

The Unit Agreement, by revised Exhibit "B", describes each tract in the Unit Area, and by Exhibit "A", shows on a map the boundary lines of the Unit Area and the tracts therein.

The Unit Agreement and the Unit Operating Agreement provide that any person may become a party to the agreements by signing the original, counterpart, or other instrument which evidences an intention to be bound by the terms of such agreements.

Each of the undersigned owners represents that he is the owner of a working interest or a royalty interest, or both, as defined in said Unit Agreement, in one or more of the tracts described in Exhibit "B" of the said Unit Agreement.

NOW THEREFORE, each of the royalty owners who sign this instrument agrees to become a party to and be bound by the provisions of the Unit Agreement as if he had signed the original; and each of the working interest owners who sign the instrument agrees to become a party to and be bound by the provisions of the Unit Agreement and the Unit Operating Agreement, as if he had signed the originals. Each of the undersigned owners agrees that the parties to the Unit Agreement and the Unit Operating Agreement are those that sign the originals, any counterparts of said instruments or any instrument which evidences an intention to be so bound.

EXECUTED as of the 15th day of May, 1973.

WAINOCO, INC.

ATTEST:

T. B. Hookman
Secretary

By: T. B. Hookman

President

TEXAS CORPORATION ACKNOWLEDGEMENT

STATE OF Texas X
COUNTY OF Harris X

BEFORE ME, the undersigned authority, on this day personally appeared Joe Buchanan, as President of _____, a corporation, known to me to be the person whose name is subscribed to the foregoing instrument, and known to me to be President of said corporation, and acknowledged to me that he executed said instrument as the act of said corporation, and for the purposes and consideration therein expressed.

Given under my hand and seal of office this 18th day of May, A.D., 1973.

My Commission expires:

June 1, 1973

William Rodriquez
Notary Public in and for
Harris County, Texas.

* * * * *

TEXAS INDIVIDUAL ACKNOWLEDGEMENT

STATE OF _____ X
COUNTY OF _____ X

BEFORE ME, the undersigned authority, on this day personally appeared _____, known to me to be the person whose name _____ subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed and in the capacity or capacities therein stated.

Given under my hand and seal of office this _____ day of _____, A.D., 1973.

My Commission expires:

Notary Public in and for
_____ County, _____.

JOINDER TO UNIT OPERATING AGREEMENT AND/OR UNIT AGREEMENT
NORTH VACUUM ABO UNIT
LEA COUNTY, NEW MEXICO

UNIT ENLARGEMENT

Each of the undersigned owners (whether one or more) of royalty interests acknowledges receipt of a counterpart of an instrument titled, "Unit Agreement, North Vacuum Abo Unit, Lea County, New Mexico", dated as of the first day of July, 1972, providing for the conduct of unit operations in the Permian formation of the North Vacuum Abo Field, located in Lea County, New Mexico, and made effective December 1, 1972, as evidenced by a certificate dated December 18, 1972 (recorded in Book 306, page 813, of the records of Lea County, New Mexico); and each of the undersigned owners (whether one or more) of a working interest acknowledges receipt of a counterpart of said Unit Agreement, and a counterpart of an instrument entitled, "Unit Operating Agreement, North Vacuum Abo Unit, Lea County, New Mexico", dated as of the first day of July, 1972.

The Unit Agreement, by revised Exhibit "B", describes each tract in the Unit Area, and by Exhibit "A", shows on a map the boundary lines of the Unit Area and the tracts therein.

The Unit Agreement and the Unit Operating Agreement provide that any person may become a party to the agreements by signing the original, counterpart, or other instrument which evidences an intention to be bound by the terms of such agreements.

Each of the undersigned owners represents that he is the owner of a working interest or a royalty interest, or both, as defined in said Unit Agreement, in one or more of the tracts described in Exhibit "B" of the said Unit Agreement.

NOW THEREFORE, each of the royalty owners who sign this instrument agrees to become a party to and be bound by the provisions of the Unit Agreement as if he had signed the original and each of the working interest owners who sign the instrument agrees to become a party to and be bound by the provisions of the Unit Agreement and the Unit Operating Agreement, as if he had signed the originals. Each of the undersigned owners agrees that the parties to the Unit Agreement and the Unit Operating Agreement are those that sign the originals, any counterparts of said instruments or any instrument which evidences an intention to be so bound.

EXECUTED as of the 18th day of May, 1973.

PENNZOIL COMPANY

By: 

Vice President

TEXAS CORPORATION ACKNOWLEDGEMENT

STATE OF TEXAS
COUNTY OF MIDLAND

BEFORE ME, the undersigned authority, on this day personally appeared F. CLINTON EDWARDS, as Vice President of PENNZOIL COMPANY, a corporation, known to me to be the person whose name is subscribed to the foregoing instrument, and known to me to be Vice President of said corporation, and acknowledged to me that he executed said instrument as the act of said corporation, and for the purposes and consideration therein expressed.

Given under my hand and seal of office this 18th day of May, A.D., 1973.

My Commission expires:

June 1, 1973

MARJORIE L. MATTHEWS

Notary Public in and for
Midland County, Texas

TEXAS INDIVIDUAL ACKNOWLEDGEMENT

STATE OF
COUNTY OF

BEFORE ME, the undersigned authority, on this day personally appeared _____ known to me to be the person _____ whose name _____ subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed and in the capacity or capacities therein stated.

Given under my hand and seal of office this _____ day of _____, A.D., 1973.

My Commission expires:

Notary Public in and for
County,

EXHIBIT "B" TO UNIT AGREEMENT
NORTH VACUUM ABO UNIT
LEA COUNTY, NEW MEXICO

EFFECTIVE: AUGUST 1, 1973

TRACT NUMBER	LEASE NAME & DESCRIPTION OF LAND	NUMBER OF ACRES	NEW MEXICO STATE LEASE NUMBER	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER & TRACT	% WI IN TRACT	UNIT PARTICIPATION, %
1	Bridges State Township 17 South, Range 34 East Section 11, N/2 NE/4	80	E-580	State of New Mexico 12.5%	Gulf Oil Corp.	Gulf Oil Corp. 6.2500	Pennzoil Company Wainoco, Inc.	82.936 17.064 100.00	0.89971 0.18511 1.08482
2	Marathon State Township 17 South, Range 34 East Section 2: N/2 SW/4	80	E-619-5	State of New Mexico 12.5%	Yates Drilling Co.	Marathon Oil Co. 6.2500	Pennzoil Company Wainoco, Inc.	50.00 50.00 100.00	0.40843 0.40842 0.81685
4	State "KK" Township 17 South, Range 34 East Section 23: SW/4	160	B-1040-1	State of New Mexico 12.5%	Amerada Hess Corp.	Amerada Hess Corp. 12.5	Mobil Oil Corp. Mobil Oil Corp.* Amerada Hess Corp.* *After payout	100.00 50.00 50.00	2.14670
5	State "C" Township 17 South, Range 34 East Section 24: W/2 NE/4	80	B-1106	State of New Mexico 12.5%	Mobil Oil Corp.	None	Mobil Oil Corp.	100.00	1.18336
6	Mobil 24 State Com. Township 17 South, Range 34 East Section 24: E/2 NE/4	80	B-1106 E-5765-4	State of New Mexico 12.5%	Mobil Oil Corp. Pennzoil Company	E. A. Culbertson 1.5625 Wallace W. Irwin 1.5625 Mobil Oil Corp. 6.2500 Scope Industries 3.1250	Wainoco, Inc. Pennzoil Company	17.064 82.936 100.00	0.40752 1.98067 2.38819
7	State "C" Township 17 South, Range 34 East Section 22: E/2 SE/4	80	B-1404-2 B-1404-3	State of New Mexico 12.5%	Shell Oil Co. Atlantic Richfield Co.	None	Shell Oil Co.	100.00	1.60515
8	State "VH" Township 17 South, Range 34 East Section 10: SE/4	160	E-1449-6	State of New Mexico 12.5%	Yates Drilling Co.	None	Shell Oil Co.	100.00	3.55290
9	State "J" Township 17 South, Range 34 East Section 22: NE/4 and N/2 SE/4	240	B-1519	State of New Mexico 12.5%	Mobil Oil Corp.	None	Mobil Oil Corp.	100.00	2.95851

TRACT NUMBER	LEASE NAME & DESCRIPTION OF LAND	NUMBER OF ACRES	NEW MEXICO STATE LEASE NUMBER	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER & TRACT	% WI IN TRACT	UNIT PARTICIPATION, %
10	Bridges State Township 17 South, Range 34 East Section 3: SE/4 Section 10: NE/4 Section 11: S/2 Section 12: NE/4 & S/2 Section 13: N/2 & SW/4 Section 14: All Section 15: E/2 Section 23: N/2 & SE/4 Section 24: S/2 NW/4 & SW/4 Section 26: All Section 27: E/2	4,240	B-1520-1	State of New Mexico 12.5%	Mobil Oil Corp.	None	Mobil Oil Corp.	100.00	69.61332
11	Bridges Santa Fe State Com. Township 17 South, Range 34 East Section 24: N/2 NW/4	80	B-1520-1 B-3935	State of New Mexico 12.5%	Mobil Oil Corp. Phillips Petroleum Co.	None	Mobil Oil Corp. Phillips Petroleum Co.	50.00 50.00 100.00	0.42699 0.42700 0.85399
12	Bridges State Section 25 Township 17 South, Range 34 East Section 25: NW/4 and N/2 NE/4	240	B-1520-1	State of New Mexico 12.5%	Mobil Oil Corp.	None	Mobil Oil Corp.	100.00	4.19175
13	State "A" Township 17 South, Range 34 East Section 24: W/2 SE/4	80	B-1838-3	State of New Mexico 12.5%	Atlantic Richfield Co.	Atlantic Richfield 12.5%	Martin Anderson Arthur L. Booth Peter B. Cannell J. A. Davidson J. A. Davidson (FNB A/C) Murray Fasken Derrell Henry E. H. Holcomb Wesley T. House JGM, Inc. R. W. Keener George H. Landreth Walter Lubanko Delton Marcum Gordon Marcum Larry S. Marcum Charles E. Marsh II John G. McMillian, Jr. Olds Petroleum Co. Homer Olsen, Jr. Robert C. Porter Pike H. Sullivan, Jr. David K. Watkiss Western Motor Parts, Inc. Francis S. Williams	5.00 2.00 2.00 -40 1.60 6.25 2.00 5.00 6.25 2.00 2.00 2.00 2.00 6.25 3.125 3.125 12.00 10.00 6.00 2.00 2.00 2.00 3.00 10.00 2.00 100.00	0.07314 0.02925 0.02925 0.00585 0.02340 0.09143 0.02925 0.07314 0.09143 0.02925 0.02925 0.02925 0.04571 0.04571 0.17553 6.14628 0.08777 0.02925 0.02925 0.02925 0.04388 0.14628 0.02926 1.46274

TRACT NUMBER	LEASE NAME & DESCRIPTION OF LAND	NUMBER OF ACRES	NEW MEXICO STATE LEASE NUMBER	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER & TRACT	% WI IN TRACT	UNIT PARTICIPATION, %
14	State 22 Township 17 South, Range 34 East Section 22: SE/4 SE/4	40	B-2354-2	State of New Mexico 12.5%	Shell Oil Co.	None	Shell Oil Co.	100.00	0.52466
15	State "N" Com. Township 17 South, Range 35 East Section 19: W/2 NW/4	75.30	B-2423-4 E-7259	State of New Mexico 12.5%	Mobil Oil Corp. Shell Oil Co.	None	Mobil Oil Corp. Shell Oil Co.	50.0398 49.9602 100.00	0.96937 0.96784 1.93721
16	State "H" Township 17 South, Range 34 East Section 22: SW/4 SE/4	40	B-3196	State of New Mexico 12.5%	Continental Oil Co.	None	Continental Oil Co.	100.00	0.52466
17	Lea "FF" State Township 17 South, Range 34 East Section 11: NW/4, S/2 NE/4	240		State of New Mexico 12.5%	Gulf Oil Corp.	None	Gulf Oil Corp.	100.00	5.15519
TOTAL:	16 STATE TRACTS	5,995.30 Acres							100.00000

EXHIBIT "C"
TO
UNIT OPERATING AGREEMENT
NORTH VACUUM ABO UNIT
LEA COUNTY, NEW MEXICO

EFFECTIVE AUGUST 1, 1973

<u>TRACT NO.</u>	<u>WORKING INTEREST OWNER &</u>	<u>% WI IN TRACT</u>	<u>UNIT PARTICIPATION</u>
1	Pennzoil Company Wainco, Inc.	82.936 17.064 <u>100.000</u>	0.89971 0.18511 <u>1.08482</u>
2	Pennzoil Company Wainoco, Inc.	50.000 50.000 <u>100.000</u>	0.40843 0.40842 <u>0.81685</u>
4	Mobil Oil Corp.	100.000	2.14670
5	Mobil Oil Corp.	100.000	1.18336
6	Pennzoil Company Wainoco, Inc.	82.936 17.064 <u>100.000</u>	1.98067 0.40752 <u>2.38819</u>
7	Shell Oil Company	100.000	1.60515
8	Shell Oil Company	100.000	3.55290
9	Mobil Oil Corp.	100.000	2.95851
10	Mobil Oil Corp.	100.000	69.61332
11	Mobil Oil Corp. Phillips Petroleum Co.	50.000 50.000 <u>100.000</u>	0.42699 0.42700 <u>0.85399</u>
12	Mobil Oil Corp.	100.000	4.19175
13	Martin Anderson Arthur L. Booth Peter B. Cannell J. A. Davidson J. A. Davidson (FNB A/C) Murray Fasken Derrell Henry E. H. Holcomb Wesley T. House JGM, Inc. R. W. Keener George H. Landreth Walter Lubanko Delton Marcum Gordon Marcum Larry S. Marcum Charles E. Marsh II John G. McMillian, Jr. Olds Petroleum Co. Homer Olsen, Jr. Robert C. Porter Pike H. Sullivan, Jr. David K. Watkiss Western Motor Parts, Inc. Francis S. Williams	5.000 2.000 2.000 .400 1.600 6.250 2.000 5.000 6.250 2.000 2.000 2.000 2.000 6.250 3.125 3.125 12.000 10.000 6.000 2.000 2.000 2.000 3.000 10.000 2.000 <u>100.000</u>	0.07314 0.02925 0.02925 0.00585 0.02340 0.09143 0.02925 0.07314 0.09143 0.02925 0.02925 0.02925 0.02925 0.09143 0.04571 0.04571 0.17553 0.14628 0.08777 0.02925 0.02925 0.02925 0.04388 0.14628 0.02926 <u>1.46274</u>

<u>TRACT NO.</u>	<u>WORKING INTEREST OWNER &</u>	<u>% WI IN TRACT</u>	<u>UNIT PARTICIPATION</u>
14	Shell Oil Co.	100.000	0.52466
15	Mobil Oil Corp.	50.0398	0.96937
	Shell Oil Co.	49.9602	0.96784
		<u>100.0000</u>	<u>1.93721</u>
16	Continental Oil Co.	100.0000	0.52466
17	Gulf Oil Corporation	100.0000	5.15519
			<u><u> </u></u>
	TOTAL		100.00000

EXHIBIT "C" SUMMARY
TO
UNIT OPERATING AGREEMENT
NORTH VACUUM ABO UNIT
LEA COUNTY, NEW MEXICO

EFFECTIVE AUGUST 1, 1973

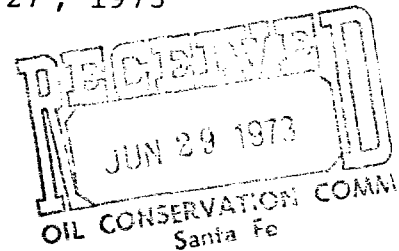
<u>Working Interest Owner</u>	<u>Tract No.</u>	<u>Unit Participation</u>
Martin Anderson	13	0.07314
Arthur L. Booth	13	0.02925
Peter B. Cannell	13	0.02925
Continental Oil Co.	16	0.52466
J. A. Davidson	13	0.00585
J. A. Davidson, Account First National Bank	13	0.02340
Murray Fasken	13	0.09143
Gulf Oil Corporation	17	5.15519
Derrell Henry	13	0.02925
E. H. Holcomb	13	0.07314
Wesley T. House	13	0.09143
JGM, Inc.	13	0.02925
R. W. Keener	13	0.02925
George H. Landreth	13	0.02925
Walter Lubanko	13	0.02925
Delton Marcum	13	0.09143
Gordon Marcum	13	0.04571
Larry S. Marcum	13	0.04571
Charles E. Marsh II	13	0.17553
John G. McMillian, Jr.	13	0.14628
Mobil Oil Corporation	4	2.14670
	5	1.18336
	9	2.95851
	10	69.61332
	11	0.42699
	12	4.19175
	15	0.96937
		<u>81.49000</u>
Olds Petroleum Company	13	0.08777
Homer Olsen, Jr.	13	0.02925

<u>Working Interest Owner</u>	<u>Tract No.</u>	<u>Unit Participation</u>
Pennzoil Company	1	0.89971
	2	0.40843
	6	1.98067
		<u>3.28881</u>
Phillips Petroleum Co.	11	0.42700
Robert C. Porter	13	0.02925
Shell Oil Company	7	1.60515
	8	3.55290
	14	0.52466
	15	0.96784
		<u>6.65055</u>
Pike H. Sullivan, Jr.	13	0.02925
Wainoco, Inc.	1	0.18511
	2	0.40842
	6	0.40752
		<u>1.00105</u>
David K. Watkiss	13	0.04388
Western Motor Parts, Inc.	13	0.14628
Francis S. Williams	13	<u>0.02926</u>
	GRAND TOTAL	<u>100.00000</u>

Mobil Oil Corporation

P. O. BOX 633
MIDLAND, TEXAS 79701

June 27, 1973



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

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

Working Interest Owners
(Address List Attached)

Overriding Royalty Owners
(Address List Attached)

NOTICE OF PROPOSED EXPANSION
NORTH VACUUM ABO UNIT
LEA COUNTY, NEW MEXICO

Gentlemen:

Having obtained the approval of more than three working interest owners, owning in excess of 90% of the committed working interest; and having obtained the preliminary concurrence of the Commissioner of Public Lands, State of New Mexico, and the New Mexico Oil Conservation Commission, Mobil Oil Corporation, Unit Operator, does hereby give notice of the proposed North Vacuum Abo Unit expansion, to be made effective on August 1, 1973 at 7:00 a.m.

The unit boundary will be changed to include Gulf's Lea "FE" State lease and Pennzoil's Bridges State lease, encompassing the entire N/2 of Section 11, T-17-S, R-34-E, Lea County, New Mexico. The two leases are shown as Tracts 1 and 17 on the attached revised unit area map. Tract 1 will be given a unit participation of 1.08482%, and Tract 17, 5.15519%.

The area to be added to the unit was in the original study area, but Tract 1 did not qualify because, without Tract 17, it was not contiguous with any part of the unit area. Tract 17 was not committed to the unit because Well #7 was drilled after the parameter period for current production was established, and Gulf did not agree with the net pore volume assigned to the tract. After

June 27 , 1973

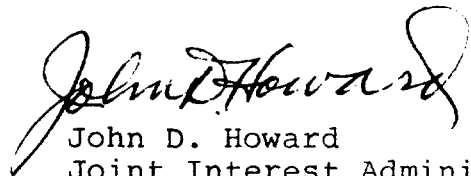
Well #7 was drilled and evaluated, it was agreed that the net pore volume assigned the tract was not accurate and therefore the primary ultimate was substituted for the net pore volume for this tract. With this change, Gulf has agreed to commit its lease to the unit.

The inventory of equipment and investment adjustments will be handled in the same manner as they were when the unit first became effective. See Article 10.2 of the Unit Operating Agreement.

Gulf and Pennzoil will be required to pay their proportionate part of pre-unitization expense and secondary recovery investment since the effective date of the unit. There will be no retro-active adjustment of production of unitized substances, nor operating expenses.

Thirty days following the date of this letter will be allowed for submission to Mobil, Unit Operator, of any written objections to the proposed enlargement, following which Mobil will request final approval to unit enlargement.

Yours very truly,

A handwritten signature in dark ink, appearing to read "John D. Howard", with a large, stylized flourish at the end.

John D. Howard
Joint Interest Administrator
Midland Producing Area

LMHill/gs

Attachments

April 3, 1973

NORTH VACUUM ABO UNIT
LEA COUNTY, NEW MEXICO
WORKING INTEREST OWNER'S COMMITTEE

Martin Andersen
P. O. Box 2591
Orlando, FL 32802

Peter B. Cannell
160 East 72nd St.
New York, NY 10021

Continental Oil Company
Attn: Mr. L. P. Thompson (2)
P. O. Box 460
Hobbs, NM 88240

Murray Fasken
414 West Texas Avenue
Midland, TX 79701

First National Bank of Midland
A/C Arthur L. Booth Acct. 16999
P. O. Box 1599
Midland, TX 79701

J. A. Davidson
P. O. Box 494
Midland, TX 79701

E. H. Holcomb
1253 Michelbodic Lane
McMinnville, OR 97128

Wesley T. House
1201 Bedford Drive
Midland, TX 79701

J. G. M., Inc.
c/o First National Bank of Midland
P. O. Box 1599
Midland, TX 79701

R. W. Keener
2105 Ward
Midland, TX 79701

Ladd Petroleum Corporation
Attn: Mr. J. H. Moore
230 Denver Club Bldg.
Denver, CO 80202

Walter A. Lubanko
c/o F. Eberstadt & Co., Inc.
61 Broadway
New York, NY 10006

M&B Investments
P. O. Box 3356
Lubbock, TX 79408

Delton Marcum
3115 Stanolind
Midland, TX 79701

Gordon Marcum
2601 Lockheed
Midland, TX 79701

Larry S. Marcum
2601 Lockheed
Midland, TX 79701

Charles E. Marsh II
1306 Gihls Tower West
Midland, TX 79701

John G. McMillian, Jr.
P. O. Box 1787
Midland, TX 79701

Mobil Oil Corporation
Attn: Joint Interest Administrator
P. O. Box 633
Midland, TX 79701

Homer Olsen, Jr.
11 Metz Court
Midland, TX 79701

Pennzoil Company
Attn: Mr. Charles A. Brown (2)
P. O. Drawer 1828
Midland, TX 79701

NORTH VACUUM ABO UNIT
ROYALTY ORR & LESSEE OF RECORD LIST

Commissioner of Public Lands
State of New Mexico
Attn: Ray D. Graham
Oil & Gas Department
P. O. Box 1148
Santa Fe, New Mexico 87501

Gulf Oil Company - U.S.
Attn: Mr. J. L. Pike
P. O. Box 1150
Midland, Texas 79701

Yates Drilling Company
Carper Building
Artesia, New Mexico 88210

Amerada Division
Amerada Hess Corporation
Attn: Mr. A. Jack Evans
P. O. Box 2040
Tulsa, Oklahoma 74102

E. A. Culbertson
P. O. Box 1071
Midland, Texas 79701

Wallace W. Irwin
P. O. Box 1071
Midland, Texas 79701

Scope Industries
4250 Wilshire Blvd.
Los Angeles, CA 90005

Atlantic Richfield Company
Attn: Mr. G. V. Ricks
P. O. Box 1610
Midland, Texas 79701

North Vacuum Abo Unit
Working Interest Owners' Committee

-2-

April 3, 1973

Phillips Petroleum Company
Attn: Mr. J. W. Maharg
Room 816, Phillips Bldg.
Odessa, TX 79760

Phillips Petroleum Company
Attn: Mr. E. F. Lewis
432 Frank Phillips Bldg.
Bartlesville, OK 74004

Robert C. Porter
c/o F. Eberstadt & Co., Inc.
61 Broadway
New York, NY 10006

Shell Oil Company
Attn: Production Manager (2)
Mid-Continent Production Division
P. O. Box 1509
Midland, TX 79701

W. T. Speller
516 ABC Building
Odessa, TX 79760
Representative for: Derrell Henry
G. A. Landreth

Pike H. Sullivan, Jr.
c/o F. Eberstadt & Co., Inc.
61 Broadway
New York, NY 10006

Wainoco, Inc.
Attn: Mr. G. R. Diamond
1435 Bank of Southwest Bldg.
Houston, TX 77002

David K. Watkiss
400 El Paso Natural Gas Bldg.
Salt Lake City, UT 84111

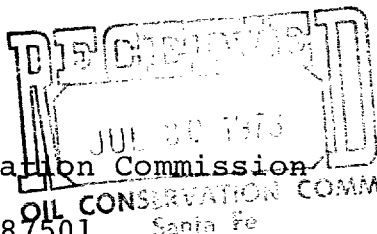
Francis S. Williams
c/o F. Eberstadt & Co., Inc.
61 Broadway
New York, NY 10006

Mobil Oil Corporation

4830

P. O. BOX 633
MIDLAND, TEXAS 79701

July 27, 1973



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

NORTH VACUUM ABO UNIT EXPANSION
LEA COUNTY, NEW MEXICO

Gentlemen:

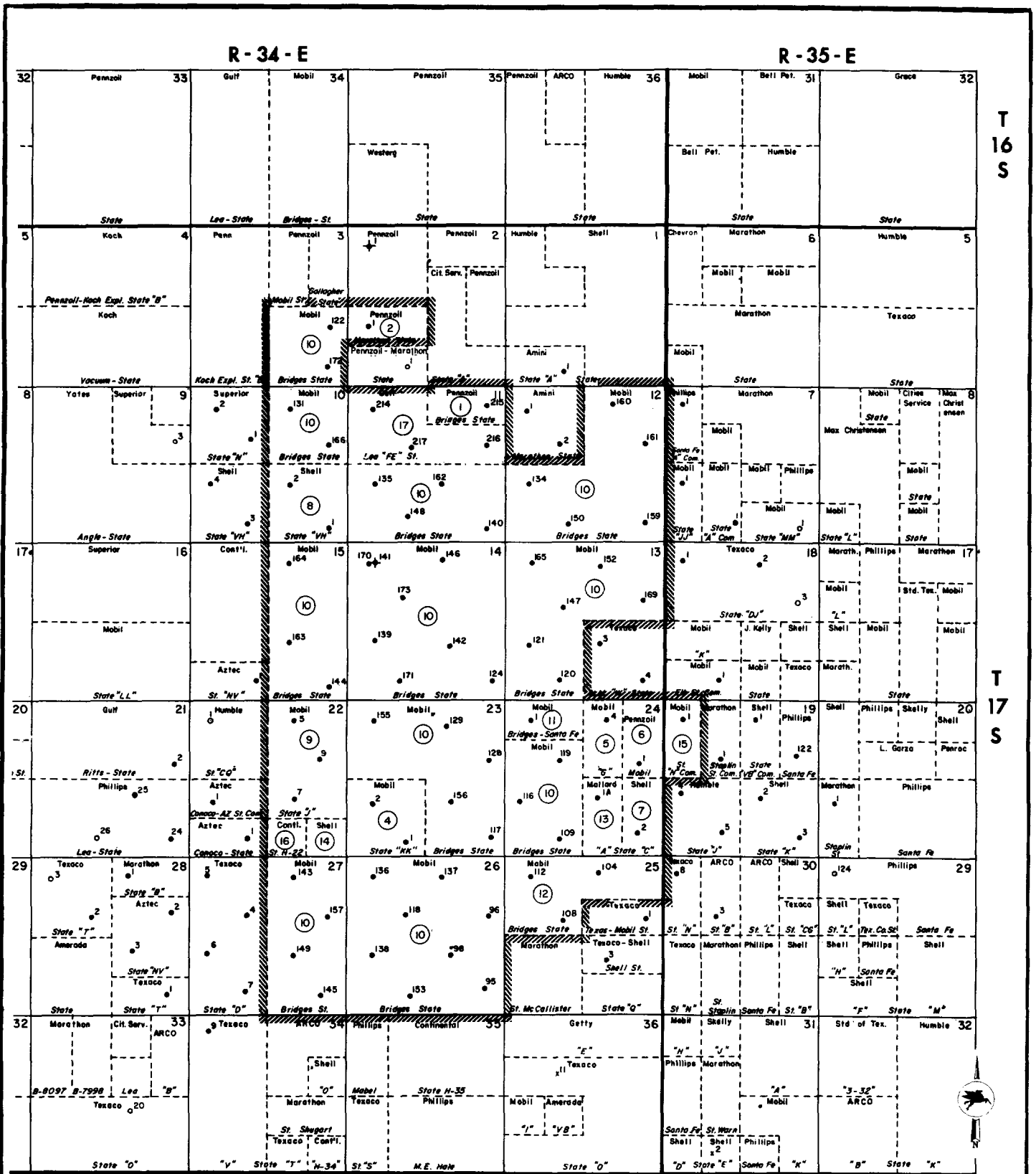
Please substitute the attached revised Exhibit "A" for the Exhibit "A" attached to our letter of July 26, 1973, requesting approval to expand the North Vacuum Abo Unit, Lea County, New Mexico. The Exhibit "A" attached to our July 26 letter did not identify the unit tracts.

Yours very truly,

John D. Howard
Joint Interest Administrator
Midland Producing Area

LMHill/gs

Attachment



EFFECTIVE DATE: AUGUST 1, 1973

Mobil Oil Corporation
Midland Producing Area
Midland, Texas
EXHIBIT "A"
NORTH VACUUM ABO UNIT

SCALE
DATE 7/24/73
DRAWN BY JVN
CHECKED JAH
APPROVED
REVISED

LEA COUNTY

NEW MEXICO

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

June 7, 1973

Mobil Oil Corporation
P. O. Box 633
Midland, Texas 79701

Attention: Mr. John D. Howard

Re: North Vacuum Abo
Unit Expansion

Gentlemen:

The New Mexico Oil Conservation Commission hereby grants preliminary concurrence of the proposed expansion of the North Vacuum Abo Unit to include the following area:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
SECTION 11: N/2

Commission concurrence is subject to concurrence by the Commissioner of Public Lands.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

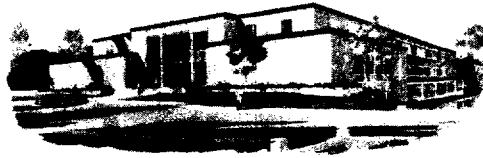
ALP/JEK/og

cc: Commissioner of Public Lands
Land Office Building
Santa Fe, New Mexico

4830

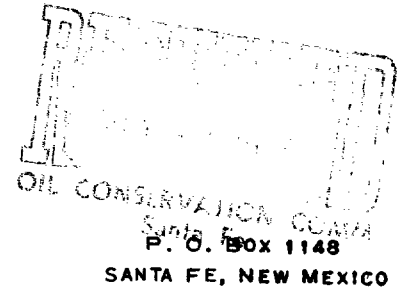
State of New Mexico

TELEPHONE
505-827-2746



Commissioner of Public Lands

ALEX J. ARMIJO
COMMISSIONER



Mobil Oil Corporation
P. O. Box 633
Midland, Texas 79701

Re: First Enlargement
North Vacuum Abo Unit
Las County, New Mexico

ATTENTION: Mr. John D. Howard

Gentlemen:

The Commissioner of Public Lands hereby grants preliminary concurrence of the proposed expansion to the North Vacuum Abo Unit Agreement, Las County, New Mexico. Said concurrence is subject to like concurrence by the New Mexico Oil Conservation Commission.

Please submit at least two copies of the application for final approval accompanied by appropriate joinders for the new tracts committed. Also submit revised Exhibits "A" and "B".

Very truly yours,

RAY D. GRAHAM, Director
Oil and Gas Department

AJA/RDG/s
cc:

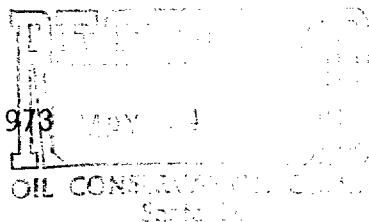
New Mexico Oil Conservation Commission ✓
P. O. Box 2088
Santa Fe, New Mexico 87501

4830

Mobil Oil Corporation

P.O. BOX 633
MIDLAND, TEXAS 79701

May 22, 1973



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

Attention: Mr. A. L. Porter, Jr.

NORTH VACUUM ABO UNIT EXPANSION
NORTH VACUUM - ABO POOL
LEA COUNTY, NEW MEXICO

Gentlemen:

Mobil Oil Corporation respectfully requests preliminary concurrence to expand the North Vacuum Abo Unit to include additional land and wells. The description of this land and wells is as follows:

<u>OPERATOR & FEE NAME</u>	<u>WELL NO. & LOCATION</u>	<u>LAND DESCRIPTION</u>
Gulf Oil Corporation Lea FE State	5 F-11-17S-34E 6 H-11-17S-34E 7 D-11-17S-34E	NW 1/4 & S 1/2 NE 1/4 Sec. 11, T17S, R34E
Pennzoil United Bridges State	1 A-11-17S-34E	N 1/2 NE 1/4 Sec. 11, T17S, R34E

The Commission's preliminary concurrence of this expansion is necessary to be in accordance with the unitization agreement of the Working Interest Owners.

A copy of a letter from the Commissioner of Public Lands, granting their preliminary concurrence, is attached.

Yours truly,

J. A. Morris
Production Engineering Supervisor

ADBond/cs
Attachment

State of New Mexico

TELEPHONE
505-827-2743



Commissioner of Public Lands

RECEIVED JOINT INTEREST		
MAY 6 1973		
JPH	RF	CHS
WH	CT	RG
	FILE	ROUTE

ALEX J. ARMIJO
COMMISSIONER

P. O. BOX 1148
SANTA FE, NEW MEXICO

Mobil Oil Corporation
P. O. Box 633
Midland, Texas 79701

Re: First Enlargement
North Vacuum Abo Unit
Lea County, New Mexico

ATTENTION: Mr. John D. Howard

Gentlemen:

The Commissioner of Public Lands hereby grants preliminary concurrence of the proposed expansion to the North Vacuum Abo Unit Agreement, Lea County, New Mexico. Said concurrence is subject to like concurrence by the New Mexico Oil Conservation Commission.

Please submit at least two copies of the application for final approval accompanied by appropriate joiners for the new tracts committed. Also submit revised Exhibits "A" and "B".

Very truly yours,

Ray D. Graham

RAY D. GRAHAM, Director
Oil and Gas Department

AJA/RDG/s

cc: New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Mobil Oil Corporation

P.O. BOX 633
MIDLAND, TEXAS 79701

May 22, 1973

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

Attention: Mr. A. L. Porter, Jr.

NORTH VACUUM ABO UNIT EXPANSION
NORTH VACUUM - ABO POOL
LEA COUNTY, NEW MEXICO

Gentlemen:

Mobil Oil Corporation respectfully requests preliminary concurrence to expand the North Vacuum Abo Unit to include additional land and wells. The description of this land and wells is as follows:

<u>OPERATOR & FEE NAME</u>	<u>WELL NO. & LOCATION</u>	<u>LAND DESCRIPTION</u>
Gulf Oil Corporation Lea FE State	5 F-11-17S-34E 6 H-11-17S-34E 7 D-11-17S-34E	NW 1/4 & S 1/2 NE 1/4 Sec. 11, T17S, R34E
Pennzoil United Bridges State	1 A-11-17S-34E	N 1/2 NE 1/4 Sec. 11, T17S, R34E

The Commission's preliminary concurrence of this expansion is necessary to be in accordance with the unitization agreement of the Working Interest Owners.

A copy of a letter from the Commissioner of Public Lands, granting their preliminary concurrence, is attached.

Yours truly,



J. A. Morris
Production Engineering Supervisor

ADBond/cs
Attachment

State of New Mexico

TELEPHONE
505-827-2748



Commissioner of Public Lands

RECEIVED JOINT INTEREST		
MAY 6 1973		
JPH	CT	CMS
CT	CT	HS
CT	CT	ROUTE

ALEX J. ARMJO
COMMISSIONER

P. O. BOX 1148
SANTA FE, NEW MEXICO

Mobil Oil Corporation
P. O. Box 633
Midland, Texas 79701

Re: First Enlargement
North Vacuum Abo Unit
Lea County, New Mexico

ATTENTION: Mr. John D. Howard

Gentlemen:

The Commissioner of Public Lands hereby grants preliminary concurrence of the proposed expansion to the North Vacuum Abo Unit Agreement, Lea County, New Mexico. Said concurrence is subject to like concurrence by the New Mexico Oil Conservation Commission.

Please submit at least two copies of the application for final approval accompanied by appropriate joinders for the new tracts committed. Also submit revised Exhibits "A" and "B".

Very truly yours,

A handwritten signature in cursive script, reading "Ray D. Graham".

RAY D. GRAHAM, Director
Oil and Gas Department

AJA/RDG/s

cc:

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



OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO

P. O. BOX 2088 - SANTA FE

87501

May 30, 1973

I. R. TRUJILLO

CHAIRMAN

LAND COMMISSIONER

ALEX J. ARMIJO

MEMBER

STATE GEOLOGIST

A. L. PORTER, JR.

SECRETARY - DIRECTOR

Mobil Oil Corporation
P. O. Box 633
Midland, Texas 79701

Attention: Mr. J. A. Morris

Re: North Vacuum Abo Unit

Gentlemen:

Reference is made to your application dated May 22, 1973, requesting preliminary concurrence to expand the North Vacuum Abo Unit to include additional lands as follows:

Gulf Oil Corporation
Lea FE State

NW/4 & S/2 NE/4
Sec. 11, T 17S, R 34E

Pennzoil United
Bridges State

N/2 NE/4
Sec. 11, T 17S, R 34E

A check of a copy of the Unit Agreement submitted in Case 4830 as Exhibit No. 1 indicates Tract Number 1 to be the N/2 NE/4 Section 11, Township 17 South, Range 34 East.

A review of the case file in Case 4830 shows that Mobil has failed to comply with the terms of Commission Order R-4412 (3) in that an executed counterpart of the unit agreement including a copy of the Certificate of Effectiveness has not been received. The Land Office has forwarded a copy of their letter dated November 13, 1972, in which final approval of the unit was granted with the effective date to be December 1, 1972.

Until the above terms are complied with and necessary corrections are made or explained, the Oil Conservation Commission withholds their concurrence of the requested expansion.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/JEK/og

cc: Commissioner of Public Lands - Santa Fe, N. Mex.

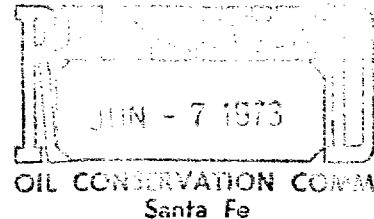
Requested material and information received 6/7/73 JEL

Mobil Oil Corporation

P. O. BOX 633
MIDLAND, TEXAS 79701

June 5, 1973

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



Attention: Mr. A. L. Porter, Jr.

NORTH VACUUM ABO UNIT
LEA COUNTY, NEW MEXICO

Gentlemen:

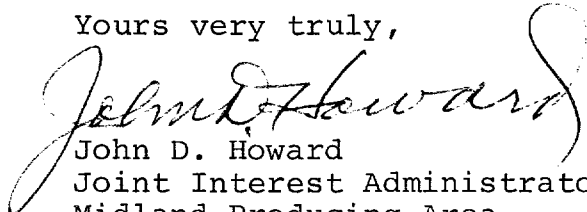
In compliance with Commission Order No. R-4412, we attach copies of the below listed documents, all pertaining to the North Vacuum Abo Unit.

1. Certificate of Effectiveness, dated December 18, 1972, effective December 1, 1972, at 7:00 a.m., recorded in Book 306, page 813, of the records of Lea County, New Mexico.
2. Unit Agreement with all ratifications from lessees of record and working interest owners.
3. Revised Exhibit "A" to the Unit Agreement, dated January 26, 1973, effective December 1, 1972.
4. Revised Exhibit "B" to the Unit Agreement, dated December 12, 1972, effective December 1, 1972.

With reference to your letter of May 30, 1973, we advise that Unit Tract 1 (N/2 NE/4 Section 1, Township 17 South, Range 34 East) did not qualify on the effective date of unitization because it was not contiguous with the Unit Area after Tract 3 failed to qualify.

We apologize for late compliance with Commission Order R-4412 resulting from a clerical error.

Yours very truly,

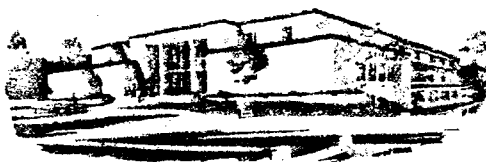

John D. Howard
Joint Interest Administrator
Midland Producing Area

LMHill/gs
Attachments

Copy obtained from
Land Office 5/30/73
JFK

State of New Mexico

TELEPHONE
505-327-2743



Commissioner of Public Lands

November 13, 1972

ALEX J. ARMIJO
COMMISSIONER

P. O. BOX 1148
SANTA FE, NEW MEXICO

Mobil Oil Corporation
P. O. Box 633
Midland, Texas 79701

Re: North Vacuum Abo Unit
Lea County, New Mexico

ATTENTION: Mr. John D. Howard

Gentlemen:

The Commissioner of Public Lands has this date approved your proposed North Vacuum Abo Unit, Lea County, New Mexico. This approval is with the understanding that Tract 16 is not committed to the unit as of this date, if Continental's joinder is not received by December 1, 1972, this tract 16 will not qualify and will be automatically eliminated from the unit. If this Tract is not committed we expect to receive revised Exhibits "A" and "B" as soon as you know that Continental is not going to ratify.

Your Initial Plan of Operation has also been approved.

Enclosed are five (5) Certificates of approval.

The effective date to be as of December 1, 1972.

Very truly yours,

RAY D. GRAHAM, Director
Oil and Gas Department

AJA/RDG/s
encls.

cc: OCC-Santa Fe, New Mexico



OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO
P. O. BOX 2088 - SANTA FE
87501

October 10, 1972

GOVERNOR
BRUCE KING
CHAIRMAN

LAND COMMISSIONER
ALEX J. ARMIJO
MEMBER

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

Mr. James E. Sperling
Modrall, Seymour, Sperling,
Roehl & Harris & Sisk
Attorneys at Law
Public Service Building
Post Office Box 2168
Albuquerque, New Mexico 87103

Re: Case No. 4830
Order No. R-4412
Applicant:
Mobil Oil Corporation

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

ALP/ir

Copy of order also sent to:

Hobbs OCC X
Artesia OCC
Aztec OCC

Other Unit Division - State Land Office

J. R. MODRALL
JAMES E. SPERLING
JOSEPH E. ROEHL
GEORGE T. HARRIS, JR.
DANIEL A. SISK
LELAND S. SEDBERRY, JR.
ALLEN C. DEWEY, JR.
FRANK H. ALLEN, JR.
JAMES P. SAUNDERS, JR.
JAMES A. PARKER
JOHN R. COONEY
KENNETH L. HARRIGAN
PETER J. ADANG

DALE W. EK
DENNIS J. FALK
ARTHUR D. MELENDRES
BRUCE D. BLACK

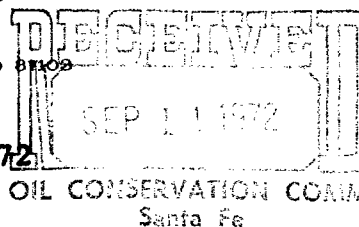
LAW OFFICES OF
MODRALL, SPERLING, ROEHL, HARRIS & SISK

PUBLIC SERVICE BUILDING
P. O. BOX 2168
ALBUQUERQUE, NEW MEXICO 87102

JOHN F. SIMMS (1885-1954)
AUGUSTUS T. SEYMOUR
(1907-1965)

TELEPHONE 243-4511
AREA CODE 505

September 13, 1972



gms
Mr. George Hatch
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Dear George:

Please be advised that on the recent application which I filed on behalf of Mobil Oil Corporation for authority to institute a pressure maintenance project in the North Vacuum Abo Pool, Lea County, New Mexico, there is a typographical error. The error appears in paragraph numbered 1 of the application, in line 3. The unit acreage should read ~~5,680~~ acres, rather than 4,680 acres. It would be appreciated if you would correct the application by interlineation.

5840
Thank you for your cooperation.

Best regards,

Jim (or)
James E. Sperling

JES:jv

cc: Mr. John Seery
Mobil Oil Corporation
P. O. Box 633
Midland, Texas 79701

Telephone call from Jim Sperling asking that the application of Mobil show these changes

5840

11/2/72

11/2/72

11/2/72

See 11/2/72

11/2/72

J. R. MODRALL
JAMES E. SPERLING
JOSEPH E. ROEHL
GEORGE T. HARRIS, JR.
DANIEL A. SISK
LELAND S. SEDBERRY, JR.
ALLEN C. DEWEY, JR.
FRANK H. ALLEN, JR.
JAMES P. SAUNDERS, JR.
JAMES A. PARKER
JOHN R. COONEY
KENNETH L. HARRIGAN
PETER J. ADAMS

DALE W. EK
DENNIS J. FALK
ARTHUR D. MELENDRES
BRUCE D. BLACK

LAW OFFICES OF
MODRALL, SPERLING, ROEHL, HARRIS & SISK
PUBLIC SERVICE BUILDING
P. O. BOX 2168
ALBUQUERQUE, NEW MEXICO 87103

JOHN F. SIMMS (1885-1954)
AUGUSTUS T. SEYMOUR
(1907-1965)

TELEPHONE 243-4511
AREA CODE 505

September 14, 1972

Mr. George Hatch
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

JST
Cover 4830 +
4831

Dear George:

Pursuant to telephone conversation this morning, you have agreed to make the following amendments to Mobil Oil Corporation's applications as follows:

1. Application for Authority to Institute a Pressure Maintenance Project in the North Vacuum Abo Pool, Lea County, New Mexico - The unit acreage should read 5,840 acres mentioned in paragraph 1 of the application, line 3, instead of 5,680 as previously amended.

2. Application for Approval of the North Vacuum Abo Unit Agreement in the North Vacuum Abo Pool, Lea County, New Mexico - In paragraph numbered 1, line 2, it should read 5,840 acres, rather than 5,680. Also, please add to the description under Township 17 South, Range 34 East, N.M.P.M., the following:

Section 2: S/2 SW/4
Section 11: N/2 NE/4

We appreciate your cooperation in this matter.

Best regards,

Jim (v)
James E. Sperling

JES:jv