

EL PASO NATURAL GAS PRODUCTS COMPANY

POST OFFICE BOX 1161, EL PASO, TEXAS

May 31, 1960

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
P. O. Box 6721
Roswell, New Mexico

Commissioner of Public Lands
of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Oil Conservation Commission
of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Re: Welch Unit, No. 14-08-001-1206
Eddy County, New Mexico
Plan of Development for
Calendar Year 1960.

Gentlemen

This is to advise that the Plan of Development for Calendar Year 1960 for the Welch Unit has been approved by the Federal and State Regulatory Bodies as follows:

1. Approved by the Oil Conservation Commission of the State of New Mexico on April 25, 1960.
2. Approved by the United States Geological Survey on May 17, 1960.
3. Approved by the Commissioner of Public Lands of the State of New Mexico on May 23, 1960.

Yours very truly

EL PASO NATURAL GAS PRODUCTS COMPANY

By

R. L. Hamblin
R. L. Hamblin, Manager
Land Department

RLH:DWR:jfy

cc: Attached List

Welch Unit

Copies of the foregoing letter have been sent to the following Working Interest Owners:

Pan American Petroleum Corporation
P. O. Box 1410
Fort Worth, Texas

Mobil Petroleum Company
P. O. Box 900
Dallas, Texas

Mr. George G. Snowden, and wife
4 East 66th Street
New York 21, New York

Mr. James H. Snowden, and wife
750 West 5th Street
Ft. Worth, Texas

Gulf Oil Corporation
P. O. Drawer 669
Roswell, New Mexico

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

Mr. Elmer L. Lockwood
750 West 5th Street
Ft. Worth, Texas

Humble Oil & Refining Company
P. O. Box 1287
Roswell, New Mexico

Sunshine Royalty Company
P. O. Box 147
Roswell, New Mexico

OFFICE DEC
1960 MAY 23 AM 11 17

In reply refer to:
Unit Division

May 23, 1960

C
O
P
Y

El Paso Natural Gas Products Company
P. O. Box 1161
El Paso, Texas

Re: Welch Unit Area
Eddy County, New Mexico
1960 Plan of Development

ATTENTION: Mr. R. L. Hamblin

Gentlemen:

The Commissioner of Public Lands has of this date approved the 1960 Plan of Development for the Welch Unit Area, Eddy County, New Mexico, subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

We understand that El Paso Natural Gas Products Company, as operator has made an agreement with another operator, whereby this operator will be firmly committed to drill one additional Delaware test with the possibility of drilling two additional tests on the Welch Unit Area.

We are returning herewith one approved copy of this Plan of Development.

Very truly yours,
MURRAY E. MORGAN
Commissioner of Public Lands

BY:
Ted Bilberry, Supervisor
Oil and Gas Division

MEM/MMR/s

cc:

OCC- Santa Fe
USGS- Roswell

MAIN OFFICE OCC

1960 MAY 18 PM 1 43
P. O. Box 6721
Roswell, New Mexico

May 17, 1960

El Paso Natural Gas Products Company
P. O. Box 1161
El Paso, Texas

Attention: Mr. R. L. Hamblin

Gentlemen:

Your plan of development for 1960, dated April 8, 1960, for the Welch unit area, No. 14-08-001-1206, Eddy County, New Mexico, which proposes the drilling of one Delaware formation well, has been approved on this date subject to like approval by the appropriate State officials.

Two approved copies of the plan are enclosed.

Very truly yours,

(Orig. Sgd.) JOHN A. ANDERSON

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

Enclosures

Copy to: Washington (w/cy of plan)
Artesia (w/cy of plan)
NMOCC, Santa Fe (ltr. only) ✓
Com. of Pub. Lands, Santa Fe (ltr. only)

NEW MEXICO OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

April 25, 1960

C
O
P
Y

El Paso Natural Gas Products Company
P. O. Box 1161
El Paso, Texas

Attention: Mr. R. L. Hamblin

Re: Welch Unit Area, Eddy
County, New Mexico,
1960 Plan of Development.

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the 1960 Plan of Development for the Welch Unit Area, Eddy County, New Mexico, subject to like approval by the United States Geological Survey and by the Commissioner of Public Lands of the State of New Mexico.

It is our understanding that El Paso Natural Gas Products Company, as unit operator, has made arrangements with another operator who will firmly commit to drill one additional Delaware test on the unit with the possibility of drilling two additional tests.

One approved copy of the Plan is enclosed herewith.

Very truly yours,

A. L. PORTER, Jr.,
Secretary-Director

ALP/DSN/pj

cc: Commissioner of Public Lands - Santa Fe

United States Geological Survey - Roswell



EL PASO NATURAL GAS PRODUCTS COMPANY

POST OFFICE BOX 1161, EL PASO, TEXAS

April 8, 1960

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
P. O. Box 6721
Roswell, New Mexico

Commissioner of Public Lands
of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Oil Conservation Commission
of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Re: Welch Unit No. 14-08-001-1206
Eddy County, New Mexico
Report of Operations, and Request for Approval
of a Plan of Development for Calendar Year 1960

Gentlemen:

On December 22, 1958, El Paso Natural Gas Products Company, as Unit Operator, submitted for your approval a Plan of Development for the calendar year 1959. This program, which was approved by all regulatory bodies, provided for the drilling of three wells for the first six months of 1959.

Pursuant to this Plan of Development and in all good faith, El Paso Natural Gas Products Company drilled the Welch Unit #7 well in the SW/4 NW/4 of Section 21, Township 26 South, Range 27 East. Water was encountered in the Delaware sand and the well had to be plugged and abandoned. We next drilled the Welch Unit #8 well in the SE/4 SW/4 of Section 16, Township 26 South, Range 27 East, and this well also encountered water in the Delaware Sand and had to be plugged and abandoned. This was the third successive dry hole drilled on the Welch Unit, and in our estimation definitely determined the limits of the producing Delaware pool. Reference is hereby made to Exhibit "A" hereto, which shows the locations of the #6 well as a dry hole to the northwest, the #7 well as a dry hole to the south, and the #8 well as a dry hole to the northeast.

We did not drill the third well as planned on our 1959 program, inasmuch as we felt that the pool had been defined and that further drilling would result in no benefit to anyone but would only result in economic waste. In lieu of drilling a third well, we instituted a reservoir study and economic evaluation of the Welch Delaware Pool. We are submitting

United States Geological Survey

April 8, 1960

Page 2.

herewith for your study and information the results of such reservoir study and economic evaluation. This reservoir study and economic evaluation, dated July 29, 1959, as supplemented and brought up to date on January 1, 1960, is hereby incorporated and made a part of this report of operations and request for approval of a Plan of Development for the calendar year 1960. This reservoir study and economic evaluation further substantiated our belief that future drilling in this pool was unprofitable, production was already declining and that we would not even recover our present investment.

Inasmuch as we were not willing to spend additional money to further test the Delaware Sand, we started looking around to see if anyone else might be interested in doing further drilling. We have been able to find someone who will firmly commit to drill an additional Delaware test on this unit with the option and possibility of drilling two additional Delaware tests. In order to obtain this possible further development of the Unit, we have had to agree to give such party the right and option to purchase our entire interest in the entire Welch Unit and production at the completion of either the one firm or the possible two additional Delaware tests, at a stipulated price. However, his offer to undertake additional development is conditional upon the fact that all regulatory bodies approve this Plan of Development.

El Paso Natural Gas Products Company, as Unit Operator, hereby recommends and respectfully requests that you hereby approve a Plan of Development for the calendar year providing for the drilling of one definite Delaware test and the possibility of two or three Delaware tests being drilled. We, as Unit Operator, are definitely unwilling to spend any more money drilling in the Welch Unit, but can obtain such development as stated above if you will approve such course of action by approval of this proposed Plan of Development. Both we as Unit Operator, and the operator willing to undertake such development would be willing to meet with you to discuss in more detail such development if you so desire.

If this Plan of Development is acceptable, please signify your approval as required under Section 10 of the Unit Agreement, in the space provided below, and return an approved copy to us.

Yours very truly,

EL PASO NATURAL GAS PRODUCTS COMPANY

By R. L. Hamblin
R. L. Hamblin, Manager Land Department

RLH:ms

Encl.

cc: Attached List

United States Geological Survey
April 8, 1960
Page 3.

APPROVED: _____ Date: _____
Supervisor, United States Geological Survey
Subject to like approval by the appropriate State officials.

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

APPROVED: A. L. Porter Jr Date: 7/25/60
Oil Conservation Commission
Subject to like approval by the United States Geological Survey
and the Commissioner of Public Lands.

The foregoing approvals are for the Request for Approval of a Plan of Development for
the Welch Unit for the Calendar Year 1960.

Welch Unit

Copies of the foregoing letter have been sent to the following Working Interest Owners:

Pan American Petroleum Corporation
P. O. Box 1410
Fort Worth, Texas

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

Magnolia Petroleum Company
P. O. Box 900
Dallas, Texas

Mr. Elmer L. Lockwood
750 West 5th Street
Ft. Worth, Texas

Mr. George G. Snowden, and wife
4 East 66th Street
New York 21, New York

Humble Oil & Refining Company
P. O. Box 1287
Roswell, New Mexico

Mr. James H. Snowden, and wife
750 West 5th Street
Ft. Worth, Texas

Sunshine Royalty Company
P. O. Box 147
Roswell, New Mexico

Gulf Oil Corporation
P. O. Drawer 1290
Ft. Worth 1, Texas

In reply refer to:
Unit Division

October 5, 1959

El Paso Natural Gas Products Company
P. O. Box 1161
El Paso, Texas

Re: Welch Unit
Eddy County, New Mexico

ATTENTION: Mr. R. L. Hamblin

Gentlemen:

Your Plan of Development dated December 22, 1958, covered only the first six months of 1959 and stated that prior to July 1, 1959 there would be a further drilling program submitted for the last six months of 1959.

May we hear from you immediately concerning a drilling program for the last six months of 1959 for the Welch Unit Area.

Very truly yours,
MURRAY E. MORGAN
Commissioner of Public Lands

BY:
Ted Bilberry, Supervisor
Oil and Gas Division

MEM/MER/m

cc: United States Geological Survey
Roswell, New Mexico

Oil Conservation Commission
Santa Fe, New Mexico

P. O. Box 6721
Roswell, New Mexico

*File
609*
April 13, 1959

El Paso Natural Gas Products Company
P. O. Box 1161
El Paso, Texas

Attention: R. L. Hamblin

Gentlemen:

Your Plan of Development for 1959, dated December 22, 1958, for the first six months of the year for the Welch unit area, No. 14-08-001-1206, Eddy County, New Mexico, which proposes the drilling of three Delaware formation wells, has been approved on this date.

Four approved copies of the plan are enclosed.

Very truly yours,

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

Enclosure: 4

Copy to: Washington (w/cy of plan)
Artesia (w/copy of plan)
NMGCC, Santa Fe (letter only) ✓
Comm. of Pub. Lands, Santa Fe (letter only)

EL PASO NATURAL GAS PRODUCTS COMPANY

POST OFFICE BOX 1161, EL PASO, TEXAS

January 27, 1959

File
609

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
Post Office Box 6721
Roswell, New Mexico

RE: Welch Unit, No. 14-03-001-1206,
Eddy County, New Mexico, Plan of
Development for First Six Months
of Calendar Year 1959.

Dear Mr. Anderson:

We are enclosing seven (7) copies of the Plan of Development for the first six (6) months of 1959, for the Welch Unit, Eddy County, New Mexico. The captioned plan was approved by the New Mexico Oil Conservation Commission on December 29, 1958, and by the Commissioner of Public Lands on January 23, 1959.

Upon completion of action by the United States Geological Survey, retain the necessary copies for your records and return the balance to us.

Yours very truly,

D. W. Reese
D. W. Reese
Land Department

DWR/JFK/dn
Enclosures

CC: New Mexico Oil Conservation Commission ✓
Post Office Box 871
Santa Fe, New Mexico

Commissioner of Public Lands
Capitol Annex Building
Santa Fe, New Mexico

COPY

File 609

UNIT OFFICE COO

RECEIVED JAN 21 1959

In reply refer to:
Unit Division

January 20, 1959

El Paso Natural Gas Products Company
P. O. Box 1161
El Paso, Texas

Re: Plan of Development for
First Six Months 1959
Welch Unit
Eddy County, New Mexico

ATTENTION: Mr. R. L. Hamblin

Gentlemen:

The Commissioner of Public Lands approved the above designated Plan of Development for the Welch Unit Area January 23, 1959. This Plan is for the first six months in 1959.

We are enclosing seven copies. Please send us another copy at such time as this Plan of Development is fully executed.

Very truly yours,
MURRAY E. MORGAN
Commissioner of Public Lands

BY:
Ted Wilberry, Supervisor
Oil and Gas Division

MR/MR/m
cc:
Incl. (7)

USGS- Roswell
OCC-Santa Fe

ILLEGIBLE

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

File
case
609

December 29, 1958

C
O
P
Y

El Paso Natural Gas Products Company
P. O. Box 1161
El Paso, Texas

ATTENTION: Mr. R. L. Hamblin

Re: Plan of Development For
First Six Months of Calendar
Year 1959 Welch Unit Eddy
County, New Mexico.

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Plan of Development For The First Six Months of the Calendar Year 1959 for the Welch Unit Eddy County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

Eight approved copies of the application were forwarded to the Commissioner of Public Lands of the State of New Mexico.

Very truly yours,

A. L. PORTER, Jr.,
Secretary-Director

ALP/RLS/19

cc: U. S. Geological Survey - Roswell
Land Office - Santa Fe

EL PASO NATURAL GAS PRODUCTS COMPANY

POST OFFICE BOX 1161, EL PASO, TEXAS

December 22, 1958

Director
United States Geological Survey
Department of the Interior
Washington 25, D. C.

Commissioner of Public Lands
of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Oil Conservation Commission
of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Re: Welch Unit, No.14-08-001-1206,
Eddy County, New Mexico
PLAN OF DEVELOPMENT FOR FIRST
SIX MONTHS OF CALENDAR YEAR 1959.

Gentlemen:

On July 1, 1958, El Paso Natural Gas Products Company, as Unit Operator, submitted for your approval its Revised Plan of Development for the Calendar Year 1958. This Revised Plan of Development was approved by the New Mexico Oil Conservation Commission of July 15, 1958, by the Commissioner of Public Lands on July 16, 1958, and by the United States Geological Survey on July 29, 1958.

The Revised Plan of Development provided for the drilling of four (4) wells and the deepening of a fifth (5th) well. At the time the Revised Plan of Development was filed, three (3) of the wells had already been completed and you were furnished with the completion data on these three (3) wells, which were the Welch Unit #3, #4 and #5.

Since we filed our Revised Plan of Development we have deepened the Welch Unit #2 Well, as set out in our Plan of Development, and have drilled the Welch Unit #6 Well as a stepout well, as you requested. The performance of the Welch Unit #2 Well was improved, but the Welch Unit #6 encountered water and had to be plugged and abandoned. Listed below is the completion data on these two wells:

A cable tool rig was moved over the Welch Unit #2 and deepened fifteen (15) feet to a total depth of 2130 feet. On June 7, 1958, the Well was treated through perforations 2105-2115 and open hole 2115-2130 with 10,000 gallons of oil and 7500 pounds of sand. The Well was placed back on pump June 9, 1958.

The Welch Unit #6 Well was commenced August 29, 1958, at a location in the SE/4 NE/4 Section 17, T-26-S, R-27-E, and drilled to a total depth of 2300 feet. Five and one-half inch production casing was set at 2300 feet, and the interval 2230-2239 feet was perforated with four shots per foot. The Well was then treated through open perforations with 10,000 gallons of oil. After treatment the Well produced 100% water and was plugged and abandoned on October 15, 1958.

Other operators have failed to obtain production in the three test wells completed during 1958, on acreage immediately adjacent to the Unit. Chambers, Kennedy & Ritchie abandoned their #1 Lockwood July 14, 1958, at a total depth of 2414 feet as a dry hole. This well was located in the NE/4 NE/4 Section 35, T-25-S, R-27-E. The same Operator drilled the #1 Snowden to a total depth of 2318 feet in the NE/4 NE/4 Section 28, T-25-S, R-27-E. This test failed to produce and was plugged and abandoned November 22, 1958. The Cree Oil Company's #1 Ashland Federal located in the SW/4 SW/4 Section 26, T-25-S, R-26-E was plugged and abandoned at a total depth of 2110 feet on November 16, 1958.

Existing geologic evidence is inadequate to predict the presence of sand developments capable of commercial production under locations too far removed from presently producing wells. It is our belief that the most economic and informative method of evaluation is by developing the field on a location step-out basis.

Our experience in the development of the Welch Unit has taught us that the Delaware Sand underlying the Unit is very unpredictable. Therefore, it is our plan to step out as cautiously as possible, drilling offset wells to our present producing wells. We hope that the drilling of three (3) such wells will give us a better idea where or if the present producing Delaware Sand Zone might extend. It appears to us that drilling is the only way to define the present producing Zone and if we feel our way outward from the present producing wells, we feel we can define the present producing Zone; whereas, if we take a big stepout and drill a dry hole, we have learned nothing except that that particular well bore will not produce.

Therefore, El Paso Natural Gas Products Company, as Unit Operator, respectfully submits for your approval a Drilling Program of three (3) Wells for the first half of 1959. Such wells to be located as follows:

WELL NAME	LOCATION
1. Welch Unit #7 Well	SW/4 NW/4 Sec. 16, 26-S, 27-E
2. Welch Unit #8 Well	Contingent on outcome of the #7.
3. Welch Unit #9 Well	Contingent on outcome of the #7 and #8

El Paso Natural Gas Products Company, as Unit Operator, intends to drill to approximately 2200 feet in the Delaware Sand using rotary drilling equipment. We propose to set 8 5/8", 24#, J-55 casing at approximately 250 feet using enough cement to circulate to the surface and 5½", 15.5#, J-55 production casing will be set at a total depth using approximately 200 sacks of cement. The production casing will then be selectively perforated and the

Delaware Formation will be subjected to a hydraulic fracturing process. Due care will be taken to protect all horizons.

El Paso Natural Gas Products Company, as Unit Operator, will protect the Unit from drainage and will comply with any drilling requirements created under the terms of the Unit Agreement.

Prior to July 1, 1959, El Paso Natural Gas Products Company will submit a further drilling program for the remainder of 1959, or take such other appropriate action as the Welch Unit Agreement requires.

If this Plan of Development is acceptable, please signify your approval, as required under Section 10 of the Unit Agreement, in the space provided below and return an approved copy to El Paso Natural Gas Products Company.

Copies of this letter are being sent to the Working Interest Owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS PRODUCTS COMPANY

By R. L. Hamblin
R. L. Hamblin, Manager
Land Department

RLM:JFK:jlw

cc: Attached List

APPROVED this 29 day of
December, 1958

New Mexico Oil Conservation Commission

By C. B. Peters

APPROVED this _____ day of
_____, 1958.

Commissioner of Public Lands

By _____

APPROVED this _____ day of
_____, 1958.

United States Geological Survey

By _____

WELCH UNIT
WORKING INTEREST OWNERS

COPIES OF THE FOREGOING LETTER HAVE BEEN SENT TO THE FOLLOWING WORKING INTEREST OWNERS:

Pan American Petroleum Corporation
P. O. Box 1410
Ft. Worth, Texas

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

Magnolia Petroleum Company
P. O. Box 900
Dallas, Texas

Elmer L. Lockwood
750 West 5th Street
Ft. Worth, Texas

Mr. George G. Snowden, and wife
4 East 66th Street
New York 21, New York

Humble Oil & Refining Company
P. O. Box 1287
Roswell, New Mexico

Mr. James H. Snowden, and wife
750 West 5th Street
Ft. Worth, Texas

Sunshine Royalty Company
P. O. Box 147
Roswell, New Mexico

Gulf Oil Corporation
P. O. Drawer 1290
Ft. Worth 1, Texas

EL PASO NATURAL GAS PRODUCTS COMPANY

POST OFFICE BOX 1161, EL PASO, TEXAS

December 23, 1958

Oil Conservation Commission
State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Attention: Mr. Dan Nutter

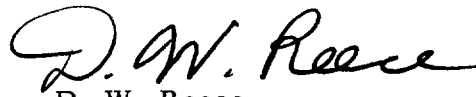
Re: Plan of Development
Welch Unit
Eddy County, New Mexico

Gentlemen:

We enclose for your approval nine copies of the Plan of Development for the first six months of 1959 on the above captioned unit.

After this Plan of Development has been approved by the New Mexico Oil Conservation Commission, please forward eight copies to the Commissioner of Public Lands of the State of New Mexico for their approval. By copy of this letter we are requesting the Commissioner of Public Lands to return six copies to us after approval by him.

Yours very truly,



D. W. Reece
Land Department

DWR:ms
Encl.

cc: Commissioner of Public Lands
Santa Fe, New Mexico

cc: Mr. John A. Anderson
Roswell, New Mexico

EL PASO NATURAL GAS PRODUCTS COMPANY

POST OFFICE BOX 161, EL PASO, TEXAS

December 15, 1958

Director
United States Geological Survey
Department of the Interior
Washington 25, D. C.

Commissioner of Public Lands
of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Oil Conservation Commission
of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Re: REVISION OF EXHIBIT "B"
Dated December 1, 1958,
Welch Unit No. 14-08-001-1206,
Eddy County, New Mexico.

Gentlemen:

Please find enclosed copies of the Revised Exhibit "B" to the Welch Unit Agreement. Copies of this Revised Exhibit "B" are being sent to the Working Interest Owners shown on the attached sheet.

Very truly yours,

D. W. Reece

D. W. Reece
Land Department

DWR: JFK: jlw
Enclosures

WELCH UNIT
WORKING INTEREST OWNERS

COPIES OF THE FOREGOING LETTER HAVE BEEN SENT TO THE FOLLOWING WORKING INTEREST OWNERS:

Pan American Petroleum Corporation
P. O. Box 1410
Ft. Worth, Texas

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

Magnolia Petroleum Company
P. O. Box 900
Dallas, Texas

Elmer L. Lockwood
750 West 5th Street
Ft. Worth, Texas

Mr. George G. Snowden, and wife
4 East 66th Street
New York 21, New York

Humble Oil & Refining Company
P. O. Box 1287
Roswell, New Mexico

Mr. James H. Snowden, and wife
750 West 5th Street
Ft. Worth, Texas

Sunshine Royalty Company
P. O. Box 147
Roswell, New Mexico

Gulf Oil Corporation
P. O. Drawer 1290
Ft. Worth 1, Texas

John M. Kelly, and wife
P. O. Box 5671
Roswell, New Mexico

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner and Percentage		Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
						Pan American	V.L.Gates	
1	T-26-S, R-27-E Sec.7: NE/4 SE/4	40.00	LC 065936-B 3-1-52	U.S.A. 12½%	E1 Paso Natural Gas Products Co.	21.875%	*3.000% 24.875%	E1 Paso Natural Gas Products Co. All
						Total *Until \$500.00 per acre paid.		
2-A	T-26-S, R-27-E Sec.29: E/2 NE/4, NW/4 NW/4, E/2 SW/4	200.00	LC 065936-D 3-1-52	U.S.A. 12½%	E1 Paso Natural Gas Products Co.	21.875%	3.000% 24.875%	E1 Paso Natural Gas Products Co. All
						Total		
2-B	T-26-S, R-27-E Sec.29: E/2 NW/4, SW/4 NW/4	120.00	LC 065936-D 3-1-52	U.S.A. 12½%	E1 Paso Natural Gas Products Co.	21.875%	3.000% 24.875%	E1 Paso Natural Gas Products Co. All
						Total		
						*To Base of Delaware Sand		
2-C	T-26-S, R-27-E Sec.29: SE/4	160.00	LC 065936-D 3-1-52	U.S.A. 12½%	E1 Paso Natural Gas Products Co.	21.875%	3.000% 24.875%	E1 Paso Natural Gas Products Co. All
						Total		
2-D	T-26-S, R-27-E Sec.29: W/2 NE/4	80.00	LC 065936-D 3-1-52	U.S.A. 12½%	E1 Paso Natural Gas Products Co.	21.875%	3.000% 24.875%	E1 Paso Natural Gas Products Co. All
						Total		
2-E	T-26-S, R-27-E Sec.29: W/2 SW/4	80.00	LC 065936-D 3-1-52	U.S.A. 12½%	E1 Paso Natural Gas Products Co.	21.875%	3.000% 24.875%	E1 Paso Natural Gas Products Co. All
						Total		
2-F	T-26-S, R-27-E Sec.32: NE/4 NE/4 Sec.34: N/2 NE/4	120.00	LC 065936-E 3-1-52	U.S.A. 12½%	E1 Paso Natural Gas Company	1.000%	1.000% 1.000% .667%* .667%* .666%* 5.000%	Oil & Gas to Base of Delaware or 4000' whichever is deeper J.P.Simmons, et al All Oil & Gas Below Delaware or 4000' whichever is deeper E1 Paso Natural Gas Co. All
						Total		
						*Below Base of Delaware or 4000' whichever is deeper		

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
2-G	T-26-S, R-27-E	160.00	LC 065936-E 3-1-52	U.S.A. 12½%	El Paso Natural Gas Co.	V.L.Gates	1.000% Oil & Gas To Base of Delaware
	Sec.33: N/2 NW/4					Robt.W.Harper	1.000% or 4000' whichever is deeper
	Sec.34: N/2 NW/4					John W.Gates	1.000% J.P.Simmons, et al
						J.P.Simmons	.667%* All
						J.Conrad Dunagan	.667%* Oil & Gas Below Delaware or
2-H	T-26-S, R-27-E	80.00	LC 065936-E 3-1-52	U.S.A. 12½%	El Paso Natural Gas Co.	R.B.McGowen, Jr.	.666%* 4000' whichever is deeper
	Sec.33: N/2 NE/4					Total	5.000% El Paso Natural Gas Co. All
						*Below Base of Delaware or	
						4000' whichever is deeper	
2-I	T-26-S, R-27-E	571.36	LC 065936-A 3-1-52	U.S.A. 12½%	Sun Oil Co.	V.L.Gates	1.000% Oil & Gas To Base of Delaware
	Sec.31: Lots 1,2,3,4,5, NE/4 NW/4, N/2 NE/4					Robt.W.Harper	1.000% or 4000' whichever is deeper
	Sec.32: Lots 2&3, NW/4 NE/4, NE/4 NW/4					John W.Gates	1.000% J.P.Simmons, et al
	Sec.33: Lots 1,2,3,4					J.P.Simmons	.667%* All
	Sec.34: Lots 1,2,3,4					J.Conrad Dunagan	.667%* Oil & Gas Below Base of Delaware
2-J	T-26-S, R-27-E	640.00	LC 065936-A 3-1-52	U.S.A. 12½%	Seaboard Oil Co. ½ Tidewater ½	R.B.McGowen, Jr.	.666%* or 4000' whichever is deeper
	Sec.30: All (Lots 1,2,3,4, E/2 W/2, E/2)					Total	5.000% El Paso Natural Gas Co. All
						*Below Base of Delaware or	
						4000' whichever is deeper	
3-A	T-26-S, R-27-E	799.55	LC 065978-B 3-1-51	U.S.A. 12½%	El Paso Natural Gas Products Co.	V.L.Gates	3.000% Sun Oil Company
	Sec.6: Lots 1,2,E/2 NW/4, SE/4						
	Sec.7: Lots 1,2,4,E/2 NW/4, NE/4, SE/4 SW/4, S/2 SE/4					Pan American	10.93750 El Paso Natural Gas
						Edna I.Hall, etvir	2.50000 Products Co.
						Frank O.Elliott	2.50000

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Working Interest Owner Under	
						Option Agreement, Operating Agreement or Assignment and	Percentage of Interest
3-A	T-26-S, R-27-E	(Cont'd)				Natalie R. Clarke	.21875
						Howard G. Cushing	.21875
						James Donahue	.32813
						Jessie W. Donahue	.76562
						Henry Ford II	.43750
						James G. Hanes	.21875
						Wm. H. Kearns	.21875
						Sara S. Linen	.43750
						Edgar J. Marston	.21875
						Hunter S. Marston	.21875
						Wm. G. McKnight, Jr.	.10938
						Riddell Petroleum Corporation	.54687
						Frederick G. Rudge	.21875
						Frederick J. Hammes,	
						Executor of the Estate of	
						Clendenin J. Ryan, Dec. 1.58593	
						Fortune Peter Ryan	.21875
						Thomas F. Ryan III	.21875
						Isidor Sack	.65625
						Edward L. Shea	.21875
						Adelaide F. Snowden	.10938
						Geo. G. Snowden, Jr.	.34636
						James H. Snowden	.34635
						James M. Snowden	.34636
						Marie K. Snowden	.10937
						E. Carroll Stollenwerck	.21875
						Irving Warshaw	.21875
						Edward K. Wheeler	.21875
						Harry Winston	.21875
						Total	26.87500%
3-B	T-25-S, R-27-E Sec. 33: W/2 SW/4	80.00	LC 065978 3-1-51	U.S.A. 12½%	E1 Paso Natural Gas Products Co.	Edna I. Hall, etvir	2.50000
						Frank O. Elliott	2.50000
						Theodore L. Bates	.43750
						T. Edmund Beck	.43750
						Morris A. Bonoff	.43750
						Albert C. Bostwick	.43750
						Dunbar W. Bostwick	.87500
						Electra Bostwick	.43750
						F. Wadsworth Busk	.43750
						Natalie R. Clarke	.43750
3-B	T-25-S, R-27-E Sec. 33: W/2 SW/4	80.00	LC 065978 3-1-51	U.S.A. 12½%	E1 Paso Natural Gas Products Co.	Howard G. Cushing	.43750
						James Donahue	.65625

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner and Percentage	Option Agreement, Operating Agreement or Assignment and Percentage of Interest
3-B	T-25-S, R-27-E	(Cont'd)				Jessie W. Donahue 1.53125 Henry Ford II .85700 James G.Hanes .43750 Wm.H. Kearns .43750 Sara S. Linen .87500 Edgar J. Marston .43750 Hunter S. Marston .43750 Wm.G.McKnight, Jr. .21875 Riddell Petroleum Corporation 1.09375 Frederick G.Rudge .43750 Frederick J.Hammes, Executor of the Estate of Clendenin J. Ryan, Dec. 3.17187 Fortune Peter Ryan .43750 Thomas F.Ryan III .43750 Isidor Sack 1.31250 Edward L. Shea .43750 Adelaide F. Snowden.21875 Geo.G.Snowden, Jr. .69272 James H.Snowden .69269 James M.Snowden .69272 Marie K.Snowden .21875 E.Carroll Stollenwerck .43750 Irving Warshaw .43750 Edward K.Wheeler .43750 Harry Winston .43750 Total 26.87500%	All
3-C	T-26-S, R-27-E Sec.6: Lots 3,4,E/2 SW/4, NE/4	319.76	LC 065978-A 3-1-51	U.S.A. 12½%	E1 Paso Natural Gas Products Co.	Pan American Edna I.Mall, etvir Frank O. Elliott Theodore L.Bates T.Edmund Beck Morris A.Bonoff Albert C.Bostwick Dunbar W.Bostwick Electra Bostwick F.Wadsworth Busk Natalie R.Clarke Howard G.Cushing James Donahue Jessie W.Donahue	E1 Paso Natural Gas Products Co.

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
3-C	T-26-S, R-27-E	(Cont'd)					
						Henry Ford II	.43750
						James G. Hanes	.21875
						Wm. H. Kearns	.21875
						Sara S. Linen	.43750
						Edgar J. Marston	.21875
						Hunter S. Marston	.21875
						Wm. G. McKnight, Jr.	.10938
						Riddell Petroleum Corporation	.54687
						Frederick G. Rudge	.21875
						Frederick J. Hammes, Executor of the Estate of Clendenin J. Ryan, Dec. 1.58593	
						Fortune Peter Ryan	.21875
						Thomas F. Ryan III	.21875
						Isidor Sack	.65625
						Edward L. Shea	.21875
						Adelaide F. Snowden	.10938
						George G. Snowden, Jr.	.34636
						James H. Snowden	.34635
						James M. Snowden	.34636
						Marie K. Snowden	.10937
						E. Carroll Stollenwerck	.21875
						Irving Warshaw	.21875
						Edward K. Wheeler	.21875
						Harry Winston	.21875
						Total	26.87500%
4-A	T-25-S, R-27-E	637.40	LC 065993-A	U.S.A. 12 1/2%	EI Paso Natural Gas Products Co.	Pan American	10.93750 EI Paso Natural Gas
	Sec. 30: Lots 3, 4, E/2 SW/4, SE/4		10-1-48			Helen O. Watson, et vir	Products Co.
							1.00000
						Ora R. Mall, Jr.	2.00000
						Frank O. Elliott	2.00000
						Theodore L. Bates	.21875
						T. Edmund Beck	.21875
						Morris A. Bonoff	.21875
						Albert C. Bostwick	.21875
						Dunbar W. Bostwick	.43750
						Electra Bostwick	.21875
						F. Wadsworth Busk	.21875
						Natalie R. Clarke	.21875
						Moward G. Cushing	.21875
						James Donahue	.32813
	Sec. 31: Lots 1, 2, E/2 NW/4, SE/4						

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
4-A	T-25-S, R-27-E	(Cont'd)					
						Jessie W. Donahue	.76562
						Henry Ford II	.43750
						James G. Hanes	.21875
						Wm. H. Kearns	.21875
						Sara S. Linen	.43750
						Edgar J. Marston	.21875
						Hunter S. Marston	.21875
						Wm. G. McKnight, Jr.	.10938
						Riddell Petroleum Corporation	.54687
						Frederick G. Rudge	.21875
						Frederick J. Hammes, Executor of the Estate of Clendenin J. Ryan, Dec. 1.58593	
						Fortune Peter Ryan	.21875
						Thomas F. Ryan, III	.21875
						Isidor Sack	.65625
						Edward L. Shea	.21875
						Adelaide F. Snowden	.10938
						Geo. G. Snowden, Jr.	.34636
						James H. Snowden	.34635
						James M. Snowden	.34636
						Marie K. Snowden	.10937
						E. Carroll Stollenwerck	.21875
						Irving Warshaw	.21875
						Edward K. Wheeler	.21875
						Harry Winston	.21875
						Total	26.87500%
4-B	T-25-S, R-27-E Sec. 33: N/2 NW/4, SW/4 NW/4	120.00	LC 065993 10-1-48	U.S.A. 12½%	El Paso Natural Gas Products Co.	Helen O. Watson, et vir	El Paso Natural Gas Products Co.
						Ora R. Mall, Jr.	1.00000
						Frank O. Elliott	2.00000
						Theodore L. Bates	2.00000
						T. Edmund Beck	.43750
						Morris A. Bonoff	.43750
						Albert C. Bostwick	.43750
						Dunbar W. Bostwick	.87500
						Electra Bostwick	.43750
						F. Wadsworth Busk	.43750
						Natalie R. Clarke	.43750
						Moward G. Cushing	.43750
						James Donahue	.65625
						Jessie W. Donahue	1.53125

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
4-B	T-25-S, R-27-E	(Cont'd)				Henry Ford II .87500 James G. Manes .43750 Wm. H. Kearns .43750 Sara S. Linen .87500 Edgar J. Marston .43750 Munter S. Marston .43750 Wm. G. McKnight, Jr. .21875 Riddell Petroleum Corporation 1.09375 Frederick G. Rudge .43750 Frederick J. Hammes, Executor of the Estate of Clendenin J. Ryan, Dec. 3.17187 Fortune Peter Ryan .43750 Thomas F. Ryan III .43750 Isidor Sack 1.31250 Edward L. Shea .43750 Adelaide F. Snowden .21875 Geo. G. Snowden, Jr. .69272 James M. Snowden .69269 James M. Snowden .69272 Marie K. Snowden .21875 E. Carroll Stollenwerck .43750 Irving Warshaw .43750 Edward K. Wheeler .43750 Harry Winston .43750 Total 26.87500%	
5-A	T-25-S, R-27-E Sec. 29: SW/4	160.00	LC 067084-B 10-1-48	U.S.A. 12½%	E1 Paso Natural Gas Products Co.	Pan American 10.93750 Edna I. Mall, etvir 2.50000 Frank O. Elliott 2.50000 Theodore L. Bates .21875 T. Edmund Beck .21875 Morris A. Bonoff .21875 Albert C. Bostwick .21875 Dunbar W. Bostwick .43750 Electra Bostwick .21875 F. Wadsworth Busk .21875 Natalie R. Clarke .21875 Moward G. Cushing .21875 James Donahue .32813 Jessie W. Donahue .76562	E1 Paso Natural Gas Products Co. All

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
5-A	T-25-S, R-27-E	(Cont'd)				Henry Ford II .43750 James G. Hanes .21875 Wm. H. Kearns .21875 Sara S. Linen .43750 Edgar J. Marston .21875 Hunter S. Marston .21875 Wm. G. McKnight, Jr. .10938 Riddell Petroleum Corporation .54687 Frederick G. Rudge .21875 Frederick J. Hammes, Executor of the Estate of Clendenin J. Ryan, Dec. 1.58593 Fortune Peter Ryan .21875 Thomas F. Ryan III .21875 Isidor Sack .65625 Edward L. Shea .21875 Adelaide F. Snowden .10938 Geo. G. Snowden, Jr. .34636 James H. Snowden .34635 James M. Snowden .34636 Marie K. Snowden .10937 E. Carroll Stollenwerck .21875 Irving Warshaw .21875 Edward K. Wheeler .21875 Harry Winston .21875 Total 26.87500%	All
5-B	T-25-S, R-27-E Sec. 29: SE/4	160.00	LC 067084-C 10-1-48	U.S.A. 12½%	E1 Paso Natural Gas Products Co.	Frank O. Elliott 2.50000 Edna I. Wall, etvir 2.50000 Theodore L. Bates .43750 T. Edmund Beck .43750 Morris A. Bonoff .43750 Albert C. Bostwick .43750 Dunbar W. Bostwick .87500 Electra Bostwick .43750 F. Wadsworth Busk .43750 Natalie R. Clarke .43750 Howard G. Cushing .43750 James Donahue .65625 Jessie W. Donahue 1.53125 Henry Ford II .87500 James G. Manes .43750 Wm. H. Kearns .43750	E1 Paso Natural Gas Products Co.

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner, of Lease or Application	Working Interest Owner Under Option Agreement, Operating and Agreement or Assignment and Percentage of Interest		
						Overriding Royalty Owner and Percentage	Overriding Royalty Percentage	Percentage of Interest

5-B T-25-S, R-27-E (Cont'd)

Sara S. Lingen .87500
 Edgar J. Marston .43750
 Munter S. Marston .43750
 Wm. C. McKnight, Jr. .21875
 Riddell Petroleum Corporation 1.09375
 Frederick G. Rudge .43750
 Frederick J. Hammes,
 Executor of the Estate of
 Clendenin J. Ryan, Dec. 3. 17187
 Fortune Peter Ryan .43750
 Thomas F. Ryan III .43750
 Isidor Sack 1.31250
 Edward L. Shea .43750
 Adelaide F. Snowden .21875
 Geo. G. Snowden, Jr. .69272
 James M. Snowden .69269
 James M. Snowden .69272
 Marie K. Snowden .21875
 E. Carroll Strollen-
 werck .43750
 Irving Warshaw .43750
 Edward K. Wheeler .43750
 Harry Winston .43750
 Total 26.87500%

6 T-26-S, R-27-E 160.00 U.S.A. 12½% Betty Ruth Wright Betty Ruth Wright All
 Sec. 26: NW/4

7 T-26-S, R-27-E 720.00 U.S.A. 12½% El Paso Natural Gas El Paso Natural Gas All
 Sec. 22: NW/4, N/2 NE/4, SW/4 NE/4, N/2 SW/4, SW/4 SW/4
 Sec. 23: N/2 NW/4
 Sec. 27: SE/4, S/2 NE/4

Pan American 10.93750 El Paso Natural Gas
 Betty R. Wright 1.00000 Products Co.
 Ora R. Hall, Jr. 2.00000
 Frank O. Elliott 2.00000
 Theodore L. Bates .21875
 T. Edmund Beck .21875
 Morris A. Bonoff .21875
 Albert C. Bostwick .21875
 Dunbar W. Bostwick .43750
 Electra Bostwick .21875
 F. Wadsworth Busk .21875
 Natalie R. Clarke .21875
 Howard G. Cushing .21875
 James Donahue .32813
 Jessie W. Donahue .76562

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest		
						Overriding Royalty Owner and Percentage	Agreement or Assignment and Percentage of Interest	Percentage of Interest

7 T-26-S, R-27-E (Cont'd)

Henry Ford II .43750
James G. Hanes .21875
Wm. H. Kearns .21875
Sara S. Linen .43750
Edgar J. Marston .21875
Hunter S. Marston .21875
Wm. G. McKnight, Jr. .10938
Riddell Petroleum Corporation .54687
Frederick G. Rudge .21875
Frederick J. Hammes, Executor of the Estate of Clendenin J. Ryan, Dec. 1.58593
Fortune Peter Ryan .21875
Thomas F. Ryan, III .21875
Isidor Sack .65625
Edward L. Shea .21875
Adelaide F. Snowden .10938
Geo. G. Snowden, Jr. .34636
James H. Snowden .34635
James M. Snowden .34636
Marie K. Snowden .10937
E. Carroll Stollenwerck .21875
Irving Warshaw .21875
Edward K. Wheeler .21875
Harry Winston .21875
Total 26.87500%

8	T-26-S, R-27-E	1,920.00	LC 068809-A 11-1-51	U.S.A. 12½%	El Paso Natural Gas Products Co.	Pan American	10.93750	El Paso Natural Gas	All
	Sec. 10: All					Betty R. Wright, etvir	1.00000	Products Co.	
	Sec. 11: W/2					Ora R. Hall, Jr.	2.00000		
	Sec. 14: W/2					Frank O. Elliott	2.00000		
	Sec. 15: All					Theodore L. Bates	.21875		
						T. Edmund Beck	.21875		
						Morris A. Bonoff	.21875		
						Albert C. Bostwick	.21875		
						Dunbar W. Bostwick	.43750		
						Electra Bostwick	.21875		
						F. Wadsworth Busk	.21875		
						Natalie R. Clarke	.21875		
						Moward G. Cushing	.21875		
						James Donahue	.32813		
						Jessie W. Donahue	.76562		

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Working Interest Owner Under Option Agreement, Operating and Agreement or Assignment and Percentage of Interest		
						Overriding Royalty Owner and Percentage	Overriding Royalty	Percentage of Interest
8	T-26-S, R-27-E (Cont'd)					Henry Ford II	.43750	
						James G.Hanes	.21875	
						Wm.H.Kearns	.21875	
						Sara S. Linen	.43750	
						Edgar J. Marston	.21875	
						Hunter S. Marston	.21875	
						Wm.G.McKnight,Jr.	.10938	
						Riddell Petroleum Corporation	.54687	
						Frederick G.Rudge	.21875	
						Frederick J.Hammes, Executor of the Estate of		
						Clendenin J.Ryan,Dec. 1.58593		
						Fortune Peter Ryan	.21875	
						Thomas F.Ryan III	.21875	
						Isidor Sack	.65625	
						Edward L. Shea	.21875	
						Adelaide F.Snowden	.10938	
						Geo.G.Snowden,Jr.	.34636	
						James H.Snowden	.34635	
						James M. Snowden	.34636	
						Marie K. Snowden	.10937	
						E.Carroll Stollenwerck	.21875	
						Irving Warshaw	.21875	
						Edward K. Wheeler	.21875	
						Harry Winston	.21875	
						Total	26.87500%	
9	T-26-S, R-27-E Sec.3: W/2,SE/4, S/2 NE/4	560.00	LC 068811-B 6-1-52	U.S.A. 12½%	E1 Paso Natural Gas Products Co.	Pan American	10.93750	E1 Paso Natural Gas
						Hoover Wright,etuxl	.00000	Products Company
						Ora R.Hall,Jr.	2.00000	
						Frank O. Elliott	2.00000	
						Theodore L. Bates	.21875	
						T.Edmund Beck	.21875	
						Morris A.Bonoff	.21875	
						Albert C.Bostwick	.21875	
						Dunbar W.Bostwick	.43750	
						Electra Bostwick	.21875	
						F.Wadsworth Busk	.21875	
						Natalie R.Clarke	.21875	
						Moward G.Cushing	.21875	
						James Donahue	.32813	
						Jessie W.Donahue	.76562	
						Henry Ford II	.43750	All

Working Interest Owner Under
Option Agreement, Operating
Agreement or Assignment and
Percentage of Interest

Tract No. 9
Description T-26-S, R-27-E
Serial No. and Lease Date
No. of Acres (Cont'd)
Land Owner Percentage of Royalty

Record Owner of Lease or Application
Overriding Royalty Owner and Percentage
James G. Hanes .21875
Wm. H. Kearns .21875
Sara S. Linen .43750
Edgar J. Marston .21875
Hunter S. Marston .21875
Wm. G. McKnight, Jr. .10938
Riddell Petroleum Corporation .54687
Frederick G. Rudge .21875
Frederick J. Hammes, Executor of the Estate of Clendenin J. Ryan, Dec. 1.58593
Fortune Peter Ryan .21875
Thomas F. Ryan III .21875
Isidor Sack .65625
Edward L. Shea .21875
Adelaide F. Snowden .10938
Geo. G. Snowden, Jr. .34636
James H. Snowden .34635
James M. Snowden .34636
Marie K. Snowden .10937
E. Carroll Strollenwerck .21875
Irving Warshaw .21875
Edward K. Wheeler .21875
Harry Winston .21875
Total 26.87500%

10-A T-26-S, R-26-E Sec. 24: All 640.00 LC 068822-B 11-1-51 U.S.A. 12½% El Paso Natural Gas Products Co. All
Pan American 10.93750 El Paso Natural Gas Products Co.
Margery F. Sweetser, et vir 1.00000
Frank O. Elliott 2.00000
Ora R. Hall, Jr. 2.00000
Theodore L. Bates .21875
T. Edmund Beck .21875
Morris A. Bonoff .21875
Albert C. Bostwick .21875
Dunbar W. Bostwick .43750
Electra Bostwick .21875
F. Wadsworth Busk .21875
Natalie R. Clarke .21875
Howard G. Cushing .21875
James Donahue .32813
Jessie W. Donahue .76562

Working Interest Owner Under
Option Agreement, Operating and
Agreement or Assignment and
Percentage of Interest

Serial No. Land Owner
and Percentage
Lease Date of Royalty

No. of Acres
(Cont'd)

Tract No. Description
10-A T-26-S, R-26-E

Owner and Percentage	Overriding Royalty
Henry Ford II	.43750
James G. Hanes	.21875
Wm. H. Kearns	.21875
Sara S. Linen	.43750
Edgar J. Marston	.21875
Hunter S. Marston	.21875
Wm. G. McKnight, Jr.	.10938
Riddell Petroleum Corporation	.54687
Frederick G. Rudge	.21875
Frederick J. Hammes, Executor of the Estate of Clendenin J. Ryan, Dec. 1.58593	
Fortune Peter Ryan	.21875
Thomas F. Ryan III	.21875
Isidor Sack	.65625
Edward L. Shea	.21875
Adelaide F. Snowden	.10938
Geo. G. Snowden, Jr.	.34636
James H. Snowden	.34635
James M. Snowden	.34636
Marie K. Snowden	.10937
E. Carroll Stollenwerck	.21875
Irving Warshaw	.21875
Edward K. Wheeler	.21875
Harry Winston	.21875
Total	26.87500%

10-B	T-26-S, R-26-E Sec. 25: E/2 E/2	160.00	LC 068822-A 11-1-51	U.S.A. 12 1/2%	E1 Paso Natural Gas Products Co.	Margery Sweetser, et vir	E1 Paso Natural Gas Products Co.	All
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Frank O. Elliott	2.00000
Ora R. Mall, Jr.	2.00000
Theodore L. Bates	.43750
T. Edmund Beck	.43750
Morris A. Bonoff	.43750
Albert C. Bostwick	.43750
Dunbar W. Bostwick	.87500
Electra Bostwick	.43750
F. Wadsworth Busk	.43750
Natalie R. Clarke	.43750
Howard G. Cushing	.43750
James Donahue	.65625
Jessie W. Donahue	1.53125
Henry Ford II	.87500

Working Interest Owner Under
Option Agreement, Operating
Agreement or Assignment and
Percentage of Interest

Tract
No. 10-B
Description
T-26-S, R-26-E
Serial No. and
Lease Date
No. of
Acres
(Cont'd)

Land Owner
Percentage
of Royalty

Record Owner of Lease or Application	Overriding Royalty Owner and Percentage	Percentage of Interest
	James G. Hanes	.43750
	Wm. H. Kearns	.43750
	Sara S. Linen	.87500
	Edgar J. Marston	.43750
	Hunter S. Marston	.43750
	Wm. G. McKnight, Jr.	.21875
	Riddell Petroleum Corporation	1.09375
	Frederick G. Rudge	.43750
	Frederick J. Hammes, Exec- utor of the Estate of Glen- den J. Ryan, Dec. 3. 17187	
	Fortune Peter Ryan	.43750
	Thomas F. Ryan III	.43750
	Isidor Sack	1.31250
	Edward L. Shea	.43750
	Adelaide F. Snowden	.21875
	Geo. G. Snowden, Jr.	.69272
	James H. Snowden	.69269
	James M. Snowden	.69272
	Marie K. Snowden	.21875
	E. Carroll Strolen- werck	.43750
	Irving Warshaw	.43750
	Edward K. Wheeler	.43750
	Harry Winston	.43750
	Total	26.87500%
11	T-26-S, R-27-E Sec. 28: NW/4	160.00
	U.S.A. 12 1/2%	Margery Sweetser
	LC 068823 12-1-51	Margery F. Sweetser, et vir
		1.00000 Lario Oil & Gas Co. All
		Frank O. Elliot, et ux 1.00000
		Ora R. Hall, Jr. 1.00000
		Total 3.00000
12-A	T-26-S, R-27-E Sec. 20: W/2, SE/4 Sec. 21: E/2, SW/4 Sec. 27: SE/4 NW/4, SW/4 Sec. 28: W/2 E/2, SE/4 SE/4, SW/4	1,520.00
	U.S.A. 12 1/2%	E1 Paso Natural Gas Products Co.
	LC 068823-B 12-1-51	Pan American Dorothy L. Manks, et vir
		1.00000
		Frank O. Elliott 2.00000
		Ora R. Hall, Jr. 2.00000
		Theodore L. Bates .21875
		T. Edmund Beck .21875
		Morris A. Bonoff .21875
		Albert C. Bostwick .21875
		Dunbar W. Bostwick .43750
		Electra Bostwick .21875
		F. Wadsworth Busk .21875

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Working Interest Owner Under Option Agreement, Operating and Agreement or Assignment and Percentage of Interest	
						Overriding Royalty Owner and Percentage	Percentage of Interest

(Cont'd)

12-A	T-26-S, R-27-E					Natalie R. Clarke	.21875
						Howard G. Cushing	.21875
						James Donahue	.32813
						Jessie W. Donahue	.76562
						Henry Ford II	.43750
						James G. Hanes	.21875
						Wm. H. Kearns	.21875
						Sara S. Linen	.43750
						Edgar J. Marston	.21875
						Hunter S. Marston	.21875
						Wm. G. McKnight, Jr.	.10938
						Riddell Petroleum Corporation	.54687
						Frederick G. Rudge	.21875
						Frederick J. Hammes, Executor of the Estate of Clendenin J. Ryan, Dec.	1.58593
						Fortune Peter Ryan	.21875
						Thomas F. Ryan III	.21875
						Isidor Sack	.65625
						Edward L. Shea	.21875
						Adelaide F. Snowden	.10938
						Geo. G. Snowden, Jr.	.34636
						James H. Snowden	.34635
						James M. Snowden	.34636
						Marie K. Snowden	.10937
						E. Carroll Stollenwerck	.21875
						Irving Warshaw	.21875
						Edward K. Wheeler	.21875
						Harry Winston	.21875
						Total	26.87500%

12-B	T-26-S, R-27-E Sec. 20: NE/4 Sec. 21: NW/4	320.00	LC 068823-C 12-1-51	U.S.A. 12½%	E1 Paso Natural Gas Products Co.	Pan American	10.93750	E1 Paso Natural Gas	All
						Dorothy Hanks, et vir	1.00000	Products Co.	
						Ora R. Hall, Jr.	2.00000		
						Frank O. Elliott	2.00000		
						Helmerich & Payne			
						Drlg. Co.	.78125*		
						Theodore L. Bates	.21875		
						T. Edmund Beck	.21875		
						Morris A. Bonoff	.21875		
						Albert C. Bostwick	.21875		

Working Interest Owner Under

Option Agreement, Operating

Agreement or Assignment and

Percentage of Interest

Serial No. Land Owner

Percentage

Record Owner of Lease

or Application

No. of

Acres

(cont'd)

Tract No.

Description

T-26-S, R-27-E

* On NW/4 Sec.21 Only

12-B 320.00 T-26-S, R-27-E Sec.8: NW/4, SE/4

LC 068839-A 7-1-50

U.S.A. 12 1/2%

El Paso Natural Gas

Products Co.

All

Pan American

Dorothy L. Manks,

et vir

Frank O.Elliott

Ora R.Mall,Jr.

Theodore L.Bates

T.Edmund Beck

Morris A.Bonoff

10.93750

1.00000

2.00000

.21875

.21875

.21875

27.65625%

El Paso Natural Gas

Products Co.

All

Working Interest Owner Under
Option Agreement Operating and
Agreement or Assignment and
Percentage of Interest

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty	
						Owner and Percentage	Percentage of Interest
13-A	T-26-S, R-27-E	(Cont'd)				Albert C. Bostwick	.21875
						Dunbar W. Bostwick	.43750
						Electra Bostwick	.21875
						F. Wadsworth Busk	.21875
						Natalie R. Clarke	.21875
						Howard G. Cushing	.21875
						James Donahue	.32813
						Jessie W. Donahue	.76562
						Henry Ford II	.43750
						James G. Hanes	.21875
						Wm. H. Kearns	.21875
						Sara S. Linen	.43750
						Edgar J. Marston	.21875
						Hunter S. Marston	.21875
						Wm. G. McKnight, Jr.	.10938
						Riddell Petroleum Corporation	.54687
						Frederick G. Rudge	.21875
						Frederick J. Hammes, Executor of the Estate of Clendenin J. Ryan, Dec.	1.58593
						Fortune Peter Ryan	.21875
						Thomas F. Ryan III	.21875
						Isidor Sack	.65625
						Edward L. Shea	.21875
						Adelaide F. Snowden	.10938
						Geo. G. Snowden, Jr.	.34636
						James H. Snowden	.34635
						James M. Snowden	.34636
						Marie K. Snowden	.10937
						E. Carroll Stollen- werck	.21875
						Irving Warshaw	.21875
						Edward K. Wheeler	.21875
						Harry Winston	.21875
						Total	26.87500%

13-B	T-26-S, R-27-E Sec.4: NE/4, SW/4 Sec.5: NE/4	480.00	LC 068839 7-1-50	U.S.A. 12½%	El Paso Natural Gas Products Co.	Dorothy L.Hanks et vir Frank O.Elliott Ora R. Hall, Jr. Theodore L.Bates T.Edmund Beck Morris A.Bonoff	1.00000 2.00000 2.00000 .43750 .43750 .43750	El Paso Natural Gas Products Co.	All
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Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Working Interest Owner Under Option Agreement Operating and Agreement or Assignment and Percentage of Interest	
						Overriding Royalty Owner and Percentage	Percentage of Interest
13-B	T-26-S, R-27-E	(Cont'd)				Albert C. Bostwick	.43750
						Dunbar W. Bostwick	.87500
						Electra Bostwick	.43750
						F. Wadsworth Busk	.43750
						Natalie R. Clarke	.43750
						Howard G. Cushing	.43750
						James Donahue	.65625
						Jessie W. Donahue	1.53125
						Henry Ford II	.87500
						James G. Hanes	.43750
						Wm. H. Kearns	.43750
						Sara S. Linen	.87500
						Edgar J. Marston	.43750
						Hunter S. Marston	.43750
						Wm. G. McKnight, Jr.	.21875
						Riddell Petroleum Corporation	1.09375
						Frederick G. Rudge	.43750
						Frederick J. Hammes, Executor of the Estate of Clendenin J. Ryan, Dec. 3. 17187	
						Fortune Peter Ryan	.43750
						Thomas F. Ryan III	.43750
						Isidor Sack	1.31250
						Edward L. Shea	.43750
						Adelaide F. Snowden	.21875
						Geo. G. Snowden, Jr.	.69272
						James H. Snowden	.69269
						James M. Snowden	.69272
						Marie K. Snowden	.21875
						E. Carroll Strollenwerck	.43750
						Irving Warshaw	.43750
						Edward K. Wheeler	.43750
						Harry Winston	.43750
						Total	26.87500%
14-A	T-26-S, R-27-E Sec. 17: N/2, SW/4 Sec. 18: A11 Sec. 19: A11	1,760.24	LC 068840 11-1-51	U.S.A. 12 1/2%	El Paso Natural Gas Products Co.	Pan American	10.93750
						Dorothy L. Hanks, et vir	1.00000
						Frank O. Elliott	2.00000
						Ora R. Hall, Jr.	2.00000
					El Paso Natural Gas Products Co.		All

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Working Interest Owner Under Option Agreement	
						Overriding Royalty Owner and Percentage	Agreement or Assignment Percentage of Interest

14-A T-26-S, R-27-E (Cont'd)

Theodore L. Bates	.21875
T. Edmund Beck	.21875
Morris A. Bonoff	.21875
Albert C. Bostwick	.21875
Dunbar W. Bostwick	.43750
Electra Bostwick	.21875
F. Wadsworth Busk	.21875
Natalie R. Clarke	.21875
Howard G. Cushing	.21875
James Donahue	.32813
Jessie W. Donahue	.76562
Henry Ford II	.43750
James G. Hanes	.21875
Wm. H. Kearns	.21875
Sara S. Linen	.43750
Edgar J. Marston	.21875
Hunter S. Marston	.21875
Wm. G. McKnight, Jr.	.10938
Riddell Petroleum Corporation	.54687
Frederick G. Rudge	.21875
Frederick J. Hammes, Executor of the Estate of Clendenin J. Ryan, Dec. 1.58593	
Fortune Peter Ryan	.21875
Thomas F. Ryan III	.21875
Isidor Sack	.65625
Edward L. Shea	.21875
Adelaide F. Snowden	.10938
Geo. G. Snowden, Jr.	.34636
James H. Snowden	.34635
James M. Snowden	.34636
Marie K. Snowden	.10937
E. Carroll Stollenwerck	.21875
Irving Warshaw	.21875
Edward K. Wheeler	.21875
Harry Winston	.21875
Total	26.87500%

14-B	T-26-S, R-27-E Sec. 17: SE/4	160.00	LC 068840-A 11-1-51	U.S.A. 12½%	El Paso Natural Gas Products Co.	10.93750	El Paso Natural Gas Products Co.	All
					Dorothy L. Hanks, et vir	1.00000		

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment Percentage of Interest
14-B	T-26-S, R-27-E	(Cont'd)				Ona R. Hall, Jr. 2.00000	
						Theodore L. Bates .21875	
						T. Edmund Beck .21875	
						Morris A. Bonoff .21875	
						Albert C. Bostwick .21875	
						Dunbar W. Bostwick .43750	
						Electra Bostwick .21875	
						F. Wadsworth Busk .21875	
						Natalie R. Clarke .21875	
						Howard G. Cushing .21875	
						James Donahue .32813	
						Jessie W. Donahue .76562	
						Henry Ford II .43750	
						James G. Hanes .21875	
						Wm. H. Kearns .21875	
						Sara S. Linen .43750	
						Edgar J. Marston .21875	
						Hunter S. Marston .21875	
						Wm. G. McKnight, Jr. .10938	
						Riddell Petroleum Corporation .54687	
						Frederick G. Rudge .21875	
						Frederick J. Hammes, Executor of the Estate of Clendenin J. Ryan, Dec. 1.58593	
						Fortune Peter Ryan .21875	
						Thomas F. Ryan III .21875	
						Isidor Sack .65625	
						Edward L. Shea .21875	
						Adelaide F. Snowden .10938	
						Geo. G. Snowden, Jr. .34636	
						James H. Snowden .34635	
						James M. Snowden .34636	
						Marie K. Snowden .10937	
						E. Carroll Stollenwerck .21875	
						Irving Warshaw .21875	
						Edward K. Wheeler .21875	
						Harry Winston .21875	
						Total 26.87500%	
15	T-26-S, R-27-E Sec. 9: All	640.00	LC 070538 8-1-51	U.S.A. 12½%	Sunshine Royalty Co.	Margery F. Sweetser, et vir	Sunshine Royalty Co. All 1.00000%

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment		
						Owner and Percentage	Overriding Royalty	Percentage of Interest
16	T-26-S, R-26-E Sec.13: SE/4	160.00	NM 02941-B 5-1-52	U.S.A. 12½%	A.C.Holder	Jessie T.Kinahan, et vir		Gulf Oil Corp. All
17	T-26-S, R-26-E Sec.12: SE/4 NE/4, SE/4 SE/4 Sec.13: NE/4	240.00	NM 02941-D 5-1-52	U.S.A. 12½%	El Paso Natural Gas Products Co.	Jessie T.Kinahan, et vir		El Paso Natural Gas All
						Theodore L.Bates	.43750	Products Co.
						T.Edmund Beck	.43750	
						Morris A.Bonoff	.43750	
						Albert C.Bostwick	.43750	
						Dunbar W.Bostwick	.87500	
						Electra Bostwick	.43750	
						F.Wadsworth Busk	.43750	
						Natalie R.Clarke	.43750	
						Howard G.Cushing	.43750	
						James Donahue	.65625	
						Jessie W.Donahue	1.53125	
						Henry Ford II	.87500	
						James G.Hanes	.43750	
						Wm.H.Kearns	.43750	
						Sara S. Linen	.87500	
						Edgar J. Marston	.43750	
						Hunter S.Marston	.43750	
						Wm.G.McKnight, Jr.	.21875	
						Riddell Petroleum Corporation	1.09375	
						Frederick G.Rudge	.43750	
						Frederick J.Hammes, Executor of the Estate of Clendenin J.Ryan, Dec.3.17187		
						Fortune Peter Ryan	.43750	
						Thomas F.Ryan III	.43750	
						Isidor Sack	1.31250	
						Edward L. Shea	.43750	
						Adelaide F.Snowden	.21875	
						Geo.G.Snowden, Jr.	.69272	
						James H.Snowden	.69269	
						James M.Snowden	.69272	
						Marie K.Snowden	.21875	
						E.Carroll Strollen- werck	.43750	
						Irving Warsaw	.43750	
						Edward K. Wheeler	.43750	
						Harry Winston	.43750	
						Total	24.87500%	

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment Percentage of Interest
18-A	T-26-S, R-27-E Sec. 4: NW/4, SE/4 Sec. 5: W/2, SE/4	800.00	NM 02960 7-1-50	U.S.A. 12½%	El Paso Natural Gas Products Co.	Dorothy L. Hanks, et al. Frank O. Elliott Ora R. Hall, Jr. Theodore L. Bates T. Edmund Beck Morris A. Bonoff Albert C. Bostwick Dunbar W. Bostwick Electra Bostwick F. Wadsworth Busk Natalie R. Clarke Howard G. Cushing James Donahue Jessie W. Donahue Henry Ford II James G. Hanes Wm. H. Kearns Sara S. Linen Edgar J. Marston Hunter S. Marston Wm. G. McKnight, Jr. Riddell Petroleum Corporation Frederick G. Rudge Frederick J. Hammes, Executor of the Estate of Clendenin J. Ryan, Dec. 3. 19187 Fortune Peter Ryan Thomas F. Ryan III Isidor Sack Edward L. Shea Adelaide F. Snowden Geo. G. Snowden, Jr. James H. Snowden James M. Snowden Marie K. Snowden E. Carroll Stollenwerck Irving Warshaw Edward K. Wheeler Harry Winston <u>Total</u>	1.00000 2.00000 2.00000 .43750 .43750 .43750 .43750 .87500 .43750 .43750 .43750 .43750 .65625 1.53125 .87500 .43750 .43750 .87500 .43750 .43750 .21875 1.09375 .43750 3.17187 .43750 .43750 1.31250 .43750 .21875 .69272 .69269 .69272 .21875 . .43750 .43750 .43750 .43750 .43750 .43750 26.87500%

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment Percentage of Interest
19	T-25-S, R-27-E Sec.33: SE/4	160.00	NM 02986 11-i-48	U.S.A. 12½%	El Paso Natural Gas Products Co.	Ora R. Hall, Jr. 2,50000 Frank O. Elliott 2,50000 Theodore L. Bates .43750 I. Edmund Beck .43750 Morris A. Bonoff .43750 Albert C. Bostwick .43750 Dunbar W. Bostwick .87500 Electra Bostwick .43750 F. Wadsworth Busk .43750 Natalie R. Clarke .43750 Howard G. Cushing .43750 James Donahue .65625 Jessie W. Donahue 1.53125 Henry Ford II .87500 James G. Hanes .43750 Wm.H.Kearns .43750 Sara S. Linen .87500 Edgar J.Marston .43750 Hunter S.Marston .43750 Wm.G.McKnight,Jr. .21875 Riddell Petroleum Corporation 1.09375 Frederick G.Rudge .43750 Frederick J.Hammes, Executor of the Estate of Clendenin J. Ryan,Dec. 3.17187 Fortune Peter Ryan .43750 Thomas F.Ryan III .43750 Isidor Sack 1.31250 Edward L. Shea .43750 Adelaide F.Snowden .21875 Geo.G.Snowden,Jr. .69272 James H. Snowden .69269 James M. Snowden .69272 Marie K. Snowden .21875 E.Carroll Stollenwerck .43750 Irving Warshaw .43750 Edward K. Wheeler .43750 Harry Winston .43750 <u>Total</u> <u>26.87500%</u>	All Products Co.

				Working Interest Owner Under		
				Option Agreement, Operating		
				Agreement or Assignment		
				Percentage of Interest		
Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner and Percentage
21	T-26-S, R-27-E Sec.28: NE/4 NE/4	40.00	NM 03303 5-1-52	U.S.A. 12½%	El Paso Natural Gas Products Co.	Pan American 21.875% Emma T.Russell 3.000% Total 24.875%
22	T-26-S, R-26-E Sec.1: E/2 SE/4	80.00	NM 04056 6-1-52	U.S.A. 12½%	J.J.McRoberts	Allie V.Tapp 3.000% Sinclair All
23	T-26-S, R-26-E Sec.1: E/2 NE/4 Sec.12: NE/4 NE/4	120.00	NM 04056-A 6-1-52	U.S.A. 12½%	El Paso Natural Gas Products Co.	Allie V.Tapp 3.00000 Theodore L.Bates .43750 T.Edmund Beck .43750 Morris A.Bonoff .43750 Albert C.Bostwick .43750 Dunbar W.Bostwick .87500 Electra Bostwick .43750 F.Wadsworth Busk .43750 Natalie R.Clarke .43750 Howard G.Cushing .43750 James Donahue .65625 Jessie W.Donahue 1.53125 Henry Ford II .87500 James G. Hanes .43750 Wm.H.Kearns .43750 Sara S.Linen .87500 Edgar J.Marston .43750 Hunter S.Marston .43750 Wm.G.McKnight,Jr. .21875 Riddell Petroleum Corporation 1.09375 Frederick G.Rudge .43750 Frederick J.Hammes, Executor of the Estate of Clendenin J.Ryan,Dec. 3.17187 Fortune Peter Ryan .43750 Thomas F.Ryan III .43750 Isidor Sack 1.31250 Edward L. Shea .43750 Adelaide F.Snowden .21875 Geo.G.Snowden,Jr. .69272 James H.Snowden .69269 James M.Snowden .69272 Marie K.Snowden .21875

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment	
							Percentage of Interest	
23	T-26-S, R-26-E		(Cont'd)			E.Carroll Strollen-		
						werck	.43750	
						Irving Warshaw	.43750	
						Edward K.Wheeler	.43750	
						Harry Winston	.43750	
						Total	24.87500%	

FEDERAL TRACTS 16,287.91 OR 87.128% OF UNIT AREA

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Working Interest Owner Under	
						Option Agreement, Operating Agreement or Assignment	Percentage of Interest
24-A	T-25-S, R-27-E Sec.32: All	640.00	E-1719-5 2-10-48	State of N.M. 12½% Co.	El Paso Natural Gas	John M.Kelly, et ux John E.Miles Thomas C.ClossonJr. Mary C.Hess Total *Until \$250.00 per acre paid.	El Paso Natural Gas All
24-B	T-26-S, R-27-E Sec.16: W/2,W/2NE/4, SE/4 NE/4,N/2 SE/4, SW/4 SE/4	560.00	E-1719-8 2-10-48	State of N.M. 12½% El Paso Natural Gas Products Co.	Pan American Humble Oil&RefCo John M.Kelly,etux JohnE.Miles Thomas C.ClossonJr Mary C.Hess Total *Subject to Increasing to 10.625% when Production is more than 45 BOPD **Until \$250.00 per acre paid	El Paso Natural Gas Products Co. All	
25	T-26-S, R-27-E Sec.16: SE/4 SE/4, NE/4 NE/4	80.00	E-5551 9-10-51	State of N.M. 12½% Sun Oil Co.	None	Sun Oil Co.	All
26	T-26-S, R-27-E Sec.32: Lots 1,4, NW/4 NW/4	86.36	E-6207 5-10-52	State of N.M. 12½% Sun Oil Co.	None	Sun Oil Co.	All

STATE TRACTS 1,366.36 OR 7.309% of UNIT AREA

STATE TRACTS 1,366.36 OR 7.309% of UNIT AREA

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment Percentage of Interest
27	T-26-S, R-27-E Sec.22: SE/4 NE/4, N/2 SE/4 Sec.23: SW/4 NW/4 Sec.27: W/2 NW/4 Sec.28: SE/4 NE/4, NE/4 SE/4	320.00	11-19-49 10 yrs	Herbert W. Welch 6.25% James E. Logan 1.5625% Gorden T. Buskirk 2.03125 Magnolia Pet.Co. .9296875	Magnolia Pet.Co.	None	Magnolia Pet.Co. All
28-A	T-26-S, R-27-E Sec.22: SE/4 SW/4, S/2 SE/4 Sec.27: N/2 NE/4, NE/4 NW/4	240.00	11-3-49 10 yrs	Dempsey A. Welch 12½%	Magnolia Pet.Co.	None	Magnolia Pet.Co. All
28-B	T-26-S, R-27-E Sec.23: NW/4 SW/4	40.00	11-23-49 10 yrs	Herbert W. Welch 12½%	Magnolia Pet.Co.	None	Magnolia Pet.Co. All
28-C	T-26-S, R-27-E Sec.23: SW/4 SW/4	40.00	11-23-49 10 yrs	J.W. Phelan 12½%	Magnolia Pet.Co.	None	Magnolia Pet.Co. All
29	T-26-S, R-26-E Sec.12: NE/4 SE/4 T-26-S, R-27-E Sec.7: Lot 3, NE/4 SW/4, NW/4 SE/4	159.89	6-20-51 10 yrs	Elmer Forehand, et ux & Earl R. Forehand, single 12½%	El Paso Natural Gas Products Co.	Pan American	21.875% El Paso Natural Gas Products Co. All
30	T-25-S, R-27-E Sec.33: SE/4 NW/4, E/2 SW/4	120.00	7-15-50 10 yrs	Mrs. W.M. Jones, et vir 3.125% Mrs. W.M. Jones, Guardian of James E. Reed & Wm. R. Reed, Minors 9.375% (Unleased)	El Paso Natural Gas Products Co.	Pan American	5.46875% El Paso Natural Gas Products Co. (Und. 1/4 Int) All

Working Interest Owner Under
Option Agreement, Operating
Agreement or Assignment
Participation of Interest
Magnolia Pet.Co. All

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment Participation of Interest
31	T-26-S, R-27-E Sec.23: SE/4 NW/4, E/2 SW/4	120.00	9-21-50 10 yrs	John C. Giffard, Jr. & Ropps E. Giffard, Trustees of the Guitar Trust Estate & C.P. Pardue, et ux 12 1/2%	Magnolia Pet.Co.	None	Magnolia Pet.Co. All

PATENTED TRACTS 1,039.89 OR 5.563% OF UNIT AREA

RECAPITULATION

<u>LAND</u>	<u>ACRES IN UNIT</u>	<u>PERCENTAGE OF UNIT AREA</u>
FEDERAL	16,287.91	87.128%
STATE	1,366.36	7.309%
PATENTED	<u>1,039.89</u>	<u>5.563%</u>
TOTAL OF UNIT AREA	18,694.16	100.000%

EL PASO NATURAL GAS PRODUCTS COMPANY

POST OFFICE BOX 1161, EL PASO, TEXAS

October 30, 1953

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
P. O. Box 6721
Roswell, New Mexico

Mr. Dan Nutter
Oil Conservation Commission
State of New Mexico
P. O. Box 871
Santa Fe, New Mexico

Re: Welch Unit
Plan of Development for
Calendar Year 1953

Gentlemen:

This letter is to advise you that the Welch Unit #6 well was commenced on September 2, 1953, and drilled to a total depth of 2300 feet. Five and one-half inch casing was set at a total depth and the interval 2230-2239 feet was perforated with four shots per foot. The well was then subjected to a sandoil fracing treatment with 10,000 gallons of oil. After treatment the well produced 100% water. On October 15, 1953, five and one-half inch casing was pulled and the well was plugged and abandoned.

As you will recall, this well was drilled as a stepout well pursuant to your joint request. Our geologists believe that the Delaware sand is tricky in this area, and I believe you will concur in this matter. For the coming year we would like to stepout as cautiously as we can, and feel our way along in the development of this pool. Your cooperation in this matter would be greatly appreciated.

Yours very truly,

EL PASO NATURAL GAS PRODUCTS COMPANY

By

R. L. Hamblin
R. L. Hamblin, Manager Land Department

RLH:ms

EL PASO NATURAL GAS PRODUCTS COMPANY

POST OFFICE BOX 1161, EL PASO, TEXAS

October 28, 1958

Director
United States Geological Survey
Department of the Interior
Washington 25, D. C.

Commissioner of Public Lands
of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Oil Conservation Commission
of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Re: NOTICE OF PLUGGING AND ABANDONMENT
of the Welch Unit #6 Well Located
SE/4 NE/4 Sec.17,T-26-S, R-27-E,
Welch Unit, Eddy County, New Mexico.

Gentlemen:

The above captioned Well was commenced on September 2, 1958, and drilled to a total depth of 2300 feet. Five and one-half inch casing was set at total depth and the interval 2230-2239 feet was perforated with four shots per foot. The Well was then subjected to a sandoil fracing treatment with 10,000 gallons of oil. After treatment the Well produced 100% water. On October 15, 1958, five and one-half inch (5½") casing was pulled and the Well was plugged and abandoned. Copies of this letter are being sent to all the Working Interest owners as indicated on the attached sheet.

Very truly yours,


D. W. Reece
Land Department

DWR:JFK:jlw

cc: Attached list

WELCH UNIT
WORKING INTEREST OWNERS

COPIES OF THE FOREGOING LETTER HAVE BEEN SENT TO THE FOLLOWING WORKING INTEREST OWNERS:

Pan American Petroleum Corporation
P. O. Box 1410
Ft. Worth, Texas

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

Magnolia Petroleum Company
P. O. Box 900
Dallas, Texas

Elmer L. Lockwood
750 West 5th Street
Ft. Worth, Texas

Mr. George G. Snowden, and wife
4 East 66th Street
New York 21, New York

Humble Oil & Refining Company
P. O. Box 1287
Roswell, New Mexico

Mr. James H. Snowden, and wife
750 West 5th Street
Ft. Worth, Texas

Sunshine Royalty Company
P. O. Box 147
Roswell, New Mexico

Gulf Oil Corporation
P. O. Drawer 1290
Ft. Worth 1, Texas

John M. Kelly, and wife
P. O. Box 5671
Roswell, New Mexico

EL PASO NATURAL GAS PRODUCTS COMPANY

POST OFFICE BOX 1161, EL PASO, TEXAS

August 26, 1958

*File
209*

Director
United States Geological Survey
Department of the Interior
Washington 25, D. C.

Commissioner of Public Lands
of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Oil Conservation Commission
of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Re: Welch Unit No. 14-08-001-1206,
Eddy County, New Mexico
NOTICE OF APPROVAL OF THE REQUEST
FOR APPROVAL OF INITIAL PARTICIPATING
AREA FOR THE DELAWARE FORMATION dated
May 20, 1958, and the FIRST THROUGH
THIRD ENLARGEMENTS OF THE DELAWARE PAR-
TICIPATING AREA dated May 20, 1958.

Gentlemen:

This is to advise that the above captioned Requests for Approval of the Initial Participating Area and First through Third Expansions of the Participating Area for the Welch Unit have been approved by the Federal and State regulatory bodies as follows:

1. Approved by the Oil Conservation Commission of the State of New Mexico on May 28, 1958;
2. Approved by the Commissioner of Public Lands of the State of New Mexico on May 28, 1958;
3. Approved by the United States Geological Survey on August 19, 1958.

Very truly yours,

D. W. Reece

D. W. Reece
Land Department

DWR:jlw

cc: Attached List

WELCH UNIT
WORKING INTEREST OWNERS

COPIES OF THE FOREGOING LETTER HAVE BEEN SENT TO THE FOLLOWING WORKING INTEREST OWNERS:

Pan American Petroleum Corporation
P. O. Box 1410
Ft. Worth, Texas

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

Magnolia Petroleum Company
P. O. Box 900
Dallas, Texas

Elmer L. Lockwood
750 West 5th Street
Ft. Worth, Texas

Mr. George G. Snowden, and wife
4 East 66th Street
New York 21, New York

Humble Oil & Refining Company
P. O. Box 1287
Roswell, New Mexico

Mr. James H. Snowden, and wife
750 West 5th Street
Ft. Worth, Texas

Sunshine Royalty Company
P. O. Box 147
Roswell, New Mexico

Gulf Oil Corporation
P. O. Drawer 1290
Ft. Worth 1, Texas

John M. Kelly, and wife
P. O. Box 5671
Roswell, New Mexico

EL PASO NATURAL GAS PRODUCTS COMPANY

POST OFFICE BOX 1161, EL PASO, TEXAS

October 15, 1958

Director
United States Geological Survey
Department of the Interior
Washington 25, D. C.

Commissioner of Public Lands
of The State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Oil Conservation Commission
of The State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Re: REVISION OF EXHIBIT "B"
Dated October 1, 1958,
Welch Unit No. 14-08-001-1206,
Eddy County, New Mexico.

Gentlemen:

Please find enclosed copies of the Revised Exhibit "B" to The Welch Unit Agreement. Copies of this Revised Exhibit "B" are being sent to the Working Interest Owners shown on the attached sheet.

Very truly yours,

D. W. Reece
D. W. Reece
Land Department

DWR:JFK:jlw
Enclosures

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
1	T-26-S, R-27-E Sec. 7: NE/4 SE/4	40.00	LC 065936-B 3-1-52	U.S.A. 12½%	E1 Paso Natural Gas Products Co.	Pan American 21.875% V.L.Gates *3.000% Total 24.875% *Until \$500.00 per acre paid.	E1 Paso Natural Gas Products Co. All
2-A	T-26-S, R-27-E Sec. 29: E/2 NE/4, NW/4 NW/4, E/2 SW/4	200.00	LC 065936-D 3-1-52	U.S.A. 12½%	E1 Paso Natural Gas Products Co.	Pan American 21.875% V.L.Gates 3.000% Total 24.875%	E1 Paso Natural Gas Products Co. All
2-B	T-26-S, R-27-E Sec. 29: E/2 NW/4, SW/4 NW/4	120.00	LC 065936-D 3-1-52	U.S.A. 12½%	E1 Paso Natural Gas Products Co.	Pan American 21.875% V.L.Gates 3.000% W.G.Weatherford & Kathleen Batchler 12.500%* Total 37.375% *To Base of Delaware Sand	E1 Paso Natural Gas Products Co. All
2-C	T-26-S, R-27-E Sec. 29: SE/4	160.00	LC 065936-D 3-1-52	U.S.A. 12½%	E1 Paso Natural Gas Products Co.	Pan American 21.875% V.L.Gates 3.000% Total 24.875%	E1 Paso Natural Gas Products Co. All
2-D	T-26-S, R-27-E Sec. 29: W/2 NE/4	80.00	LC 065936-D 3-1-52	U.S.A. 12½%	E1 Paso Natural Gas Products Co.	Pan American 21.875% V.L.Gates 3.000% Total 24.875%	E1 Paso Natural Gas Products Co. All
2-E	T-26-S, R-27-E Sec. 29: W/2 SW/4	80.00	LC 065936-D 3-1-52	U.S.A. 12½%	E1 Paso Natural Gas Products Co.	Pan American 21.875% V.L.Gates 3.000% Total 24.875%	E1 Paso Natural Gas Products Co. All
2-F	T-26-S, R-27-E Sec. 32: NE/4 NE/4 Sec. 34: N/2 NE/4	120.00	LC 065936-E 3-1-52	U.S.A. 12½%	E1 Paso Natural Gas Company	V.L.Gates 1.000% Robert W. Harper 1.000% John W. Gates 1.000% J.P. Simmons .667%* J. Conrad Dunagan .667%* R.B. McGowen, Jr. .666%* Total 5.000% *Below Base of Delaware or 4000' whichever is deeper	Oil & Gas to Base of Delaware or 4000' whichever is deeper J.P. Simmons, et al All Oil & Gas Below Delaware or 4000' whichever is deeper E1 Paso Natural Gas Co. All

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty		Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest	
						Owner and Percentage	Percentage of Interest	Owner and Percentage	Percentage of Interest
2-G	T-26-S, R-27-E	160.00	LC 065936-E 3-1-52	U.S.A. 12½%	El Paso Natural Gas Co.	V.L.Gates	1.000%	Oil & Gas To Base of Delaware	Oil & Gas To Base of Delaware
	Sec.33: N/2 NW/4					Robt.W.Harper	1.000%	or 4000' whichever is deeper	or 4000' whichever is deeper
	Sec.34: N/2 NW/4					John W.Gates	1.000%	J.P.Simmons, et al	All
						J.P.Simmons	.667%*		
						J.Conrad Dunagan	.667%*	Oil & Gas Below Delaware or	Oil & Gas Below Delaware or
2-H	T-26-S, R-27-E	80.00	LC 065936-E 3-1-52	U.S.A. 12½%	El Paso Natural Gas Co.	R.B.McGowen, Jr.	.666%*	4000' whichever is deeper	4000' whichever is deeper
	Sec.33: N/2 NE/4					Total	5.000%	El Paso Natural Gas Co. All	El Paso Natural Gas Co. All
						*Below Base of Delaware or			
						4000' whichever is deeper			
						V.L.Gates	1.000%	Oil & Gas To Base of Delaware	Oil & Gas To Base of Delaware
2-I	T-26-S, R-27-E	571.36	LC 065936-A 3-1-52	U.S.A. 12½%	Sun Oil Co.	Robt.W.Harper	1.000%	or 4000' whichever is deeper	or 4000' whichever is deeper
	Sec.31: Lots 1,2,3,4,5, NE/4 NW/4, N/2 NE/4					John W.Gates	1.000%	J.P.Simmons, et al	All
	Sec.32: Lots 2&3, NW/4 NE/4, NE/4 NW/4					J.P.Simmons	.667%*		
	Sec.33: Lots 1,2,3,4					J.Conrad Dunagan	.667%*	Oil & Gas Below Base of Delaware	Oil & Gas Below Base of Delaware
	Sec.34: Lots 1,2,3,4					R.B.McGowen, Jr.	.666%*	or 4000' whichever is deeper	or 4000' whichever is deeper
2-J	T-26-S, R-27-E	640.00	LC 065936-A 3-1-52	U.S.A. 12½%	Seaboard Oil Co. ½ Tidewater ½	Total	5.000%	El Paso Natural Gas Co. All	El Paso Natural Gas Co. All
	Sec.30: All (Lots 1,2,3,4, E/2 W/2, E/2)					*Below Base of Delaware or			
						4000' whichever is deeper			
						V.L.Gates	3.000%	Sun Oil Company	All
						V.L.Gates	3.000%	Seaboard Oil Co. Tidewater Assoc.	Seaboard Oil Co. ½ Tidewater Assoc. ½
3-A	T-26-S, R-27-E	799.55	LC 065978-B 3-1-51	U.S.A. 12½%	El Paso Natural Gas Products Co.	Pan American	10.93750	El Paso Natural Gas	All
	Sec.6: Lots 1,2,E/2 NW/4, SE/4					Edna I.Hall, etvir	5.00000	Products Co.	
	Sec.7: Lots 1,2,4,E/2 NW/4, NE/4, SE/4 SW/4, S/2 SE/4					Theodore L. Bates	.21875		
						T.Edmund Beck	.21875		
						Morris A.Bonoff	.21875		
	Albert C.Bostwick	.21875							
	Dunbar W.Bostwick	.43750							
	Electra Bostwick	.21875							
	F.Wadsworth Busk	.21875							

Working Interest Owner Under
Option Agreement, Operating and
Agreement or Assignment and
Percentage of Interest

Tract No. Description No. of Acres Serial No. and Lease Date Land Owner Percentage of Royalty Record Owner of Lease or Application Overriding Royalty Owner and Percentage Percentage of Interest

3-A T-26-S, R-27-E (Cont'd)

Natalie R. Clarke	.21875
Howard G. Cushing	.21875
James Donahue	.32813
Jessie W. Donahue	.76562
Henry Ford II	.43750
James G. Hanes	.21875
Wm. H. Kearns	.21875
Sara S. Linen	.43750
Edgar J. Marston	.21875
Hunter S. Marston	.21875
Wm. C. McKnight, Jr.	.10938
Riddell Petroleum Corporation	.54687
Frederick G. Rudge	.21875
Frederick J. Hammes, Executor of the Estate of Clendenin J. Ryan, Dec. 1.58593	
Fortune Peter Ryan	.21875
Thomas F. Ryan III	.21875
Isidor Sack	.65625
Edward L. Shea	.21875
Adelaide F. Snowden	.10938
Geo. G. Snowden, Jr.	.34636
James H. Snowden	.34635
James M. Snowden	.34636
Marie K. Snowden	.10937
E. Carroll Stollenwerck	.21875
Irving Warshaw	.21875
Edward K. Wheeler	.21875
Harry Winston	.21875
Total	26.87500%

3-B	T-26-S, R-27-E Sec. 33: W/2 SW/4	80.00	LC 065978 3-1-51	U.S.A. 12 1/2%	E1 Paso Natural Gas Products Co.	Edna I. Hall, etvir Theodore L. Bates T. Edmund Beck Morris A. Bonoff Albert C. Bostwick Dunbar W. Bostwick Electra Bostwick F. Wadsworth Busk Natalie R. Clarke Howard G. Cushing James Donahue Jessie W. Donahue	5.00000 .43750 .43750 .43750 .87500 .43750 .43750 .43750 .43750 .43750 .65625 1.53125	E1 Paso Natural Gas Products Co.	All
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Tract No.		Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest	
3-B								T-26-S, R-27-E	
							Henry Ford II	.87500	
							James G.Hanes	.43750	
							Wm.H.Kearns	.43750	
							Sara S. Linen	.87500	
							Edgar J.Marston	.43750	
							Hunter S.Marston	.43750	
							Wm.G.McKnight,Jr.	.21875	
							Riddell Petroleum Corporation	1.09375	
							Frederick G.Rudge	.43750	
							Frederick J.Hammes, Executor of the Estate of Clendenin J. Ryan,Dec. 3.17187		
							Fortune Peter Ryan	.43750	
							Thomas F.Ryan III	.43750	
							Isidor Sack	1.31250	
							Edward L.Shea	.43750	
							Adelaide F.Snowden	.21875	
							Geo.G.Snowden,Jr.	.69272	
							James H.Snowden	.69269	
							James M.Snowden	.69272	
							Marie K.Snowden	.21875	
							E.Carroll Strollenwerck	.43750	
							Irving Warshaw	.43750	
							Edward K.Wheeler	.43750	
							Harry Winston	.43750	
							Total	26.87500%	
							Pan American	10.93750	El Paso Natural Gas
							Edna I.Hall,etvir	5.00000	Products Co.
							Theodore L.Bates	.21875	
							T.Edmund Beck	.21875	
							Morris A.Bonoff	.21875	
							Albert C.Bostwick	.21875	
							Dunbar W.Bostwick	.43750	
							Electra Bostwick	.21875	
							F.Wadsworth Busk	.21875	
							Natalie R.Clarke	.21875	
							Howard G.Cushing	.21875	
							James Donahue	.32813	
							Jessie W.Donahue	.76562	
									All
3-C		T-26-S, R-27-E Sec.6: Lots 3,4,E/2 SW/4, NE/4	319.76	LC 065978-A 3-1-51	U.S.A. 12½%	El Paso Natural Gas Co.			

October 1, 1958 Revision

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Working Interest Owner Under Option Agreement, Operating and Agreement or Assignment and Percentage of Interest	
						Overriding Royalty Owner and Percentage	Agreement or Assignment and Percentage of Interest
3-C	T-26-S, R-27-E	(Cont'd)				Henry Ford II	.43750
						James G.Hanes	.21875
						Wm.H.Kearns	.21875
						Sara S.Linen	.43750
						Edgar J. Marston	.21875
						Hunter S.Marston	.21875
						Wm.G.McKnight,Jr.	.10938
						Riddell Petroleum Corporation	.54687
						Frederick G.Rudge	.21875
						Frederick J.Hammes, Executor of the Estate of Clendenin J.Ryan,Dec. 1.58593	
						Fortune Peter Ryan	.21875
						Thomas F.Ryan III	.21875
						Isidor Sack	.65625
						Edward L. Shea	.21875
						Adelaide F.Snowden	.10938
						George G.Snowden,Jr.	.34636
						James H. Snowden	.34635
						James M. Snowden	.34636
						Marie K.Snowden	.10937
						E.Carroll Strollen-werck	.21875
						Irving Warshaw	.21875
						Edward K. Wheeler	.21875
						Harry Winston	.21875
						Total	26.87500%
4-A	T-25-S, R-27-E Sec.30: Lots 3,4,E/2 SW/4, SE/4 Sec.31: Lots 1,2,E/2 NW/4, SE/4	637.40	LC 065993-A 10-1-48	U.S.A. 12 3/4%	El Paso Natural Gas Products Co.	Pan American	10.93750
						Helen O.Watson,et vir	1.00000
						Frank O. Elliott	4.00000
						Theodore L.Bates	.21875
						T.Edmund Beck	.21875
						Morris A.Bonoff	.21875
						Albert C.Bostwick	.21875
						Dunbar W.Bostwick	.43750
						Electra Bostwick	.21875
						F.Wadsworth Busk	.21875
						Natalie R.Clarke	.21875
						Howard G. Cushing	.21875
						James Donahue	.32813
						El Paso Natural Gas Products Co.	
						All	

Working Interest Owner Under
Option Agreement, Operating
Agreement or Assignment and
Percentage of Interest

Tract No. 4-B Description T-25-S, R-27-E Serial No. and Lease Date No. of Acres (Cont'd) Land Owner Percentage of Royalty Record Owner of Lease or Application Overriding Royalty Owner and Percentage James Donahue .32813

Jessie W.Donahue .76562
Henry Ford II .43750
James G.Hanes .21875
Wm.H.Kearns .21875
Sara S.Linen .43750
Edgar J.Marston .21875
Hunter S.Marston .21875
Wm.G.McKnight,Jr. .10938
Riddell Petroleum Corporation .54687
Frederick G.Rudge .21875
Frederick J.Hammes,
Executor of the Estate of
Clendenin J.Ryan,Dec. 1.58593
Fortune Peter Ryan .21875
Thomas F.Ryan III .21875
Isidor Sack .65625
Edward L. Shea .21875
Adelaide F.Snowden .10938
Geo.G.Snowden,Jr. .34636
James H.Snowden .34635
James M.Snowden .34636
Marie K. Snowden .10937
E.Carroll Stollen-
werck .21875
Irving Warshaw .21875
Edward K. Wheeler .21875
Harry Winston .21875
Total 26.87500%

5-A T-25-S, R-27-E Sec.29: SW/4 160.00 LC 067084-B U.S.A. 12 1/2% E1 Paso Natural Gas Products Co. 10.93750 E1 Paso Natural Gas All
Edna I.Hall,etvir 5.00000 Products Co. .21875
Theodore L.Bates .21875
T.Edmund Beck .21875
Morris A.Bonoff .21875
Albert C.Bostwick .21875
Dunbar W.Bostwick .43750
Electra Bostwick .21875
F.Wadsworth Busk .21875
Natalie R.Clarke .21875
Howard G.Cushing .21875
James Donahue .32813
Jessie W.Donahue .76562

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest	
						Overriding Royalty Owner and Percentage	Percentage of Interest

5-A	T-25-S, R-27-E	(Cont'd)				Henry Ford II	.43750
						James G.Hanes	.21875
						Wm.H.Kearns	.21875
						Sara S. Linen	.43750
						Edgar J.Marston	.21875
						Hunter S.Marston	.21875
						Wm.G.McKnight,Jr.	.10938
						Riddell Petroleum Corporation	.54687
						Frederick G.Rudge	.21875
						Frederick J.Hammes,	
						Executor of the Estate of	
						Clendenin J.Ryan,Dec. 1.58593	
						Fortune Peter Ryan	.21875
						Thomas F.Ryan III	.21875
						Isidor Sack	.65625
						Edward L. Shea	.21875
						Adelaide F.Snowden	.10938
						Geo.G.Snowden,Jr.	.34636
						James H. Snowden	.34635
						James M. Snowden	.34636
						Marie K. Snowden	.10937
						E.Carroll Strollen-werck	.21875
						Irving Warshaw	.21875
						Edward K.Wheeler	.21875
						Harry Winston	.21875
						Total	26.87500%
5-B	T-25-S, R-27-E Sec.29: SE/4	160.00	LC 067084-A 10-1-48	U.S.A. 12½%	E1 Paso Natural Gas Products Co.	Edna I.Hall,etvir	5.00000
						Theodore L.Bates	.43750
						T.Edmund Beck	.43750
						Morris A.Bonoff	.43750
						Albert C.Bostwick	.43750
						Dunbar W.Bostwick	.87500
						Electra Bostwick	.43750
						F.Wadsworth Busk	.43750
						Natalie R.Clarke	.43750
						Howard G. Cushing	.43750
						James Donahue	.65625
						Jessie W.Donahue	1.53125
						Henry Ford II	.87500
						James G. Hanes	.43750
						Wm.H.Kearns	.43750
5-B	T-25-S, R-27-E Sec.29: SE/4	160.00	LC 067084-A 10-1-48	U.S.A. 12½%	E1 Paso Natural Gas Products Co.	Edna I.Hall,etvir	5.00000
						Theodore L.Bates	.43750

All

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Working Interest Owner Under	
						Option Agreement, Operating Agreement or Assignment and Percentage of Interest	Percentage of Interest

5-B	T-25-S, R-27-E	(Cont'd)				Sara S. Linen	.87500
						Edgar J. Marston	.43750
						Hunter S. Marston	.43750
						Wm. G. McKnight, Jr.	.21875
						Riddell Petroleum Corporation	1.09375
						Frederick G. Rudge	.43750
						Frederick J. Hammes, Executor of the Estate of Clendenin J. Ryan, Dec. 3.17187	
						Fortune Peter Ryan	.43750
						Thomas F. Ryan III	.43750
						Isidor Sack	1.31250
						Edward L. Shea	.43750
						Adelaide F. Snowden	.21875
						Goe. G. Snowden, Jr.	.69272
						James H. Snowden	.69269
						James M. Snowden	.69272
						Marie K. Snowden	.21875
						E. Carroll Stollenwerck	.43750
						Irving Warshaw	.43750
						Edward K. Wheeler	.43750
						Harry Winston	.43750
						Total	26.87500%

6	T-26-S, R-27-E Sec. 26: NW/4	160.00	LC 068808 12-1-51	U.S.A. 12½%	Betty Ruth Wright	Betty R. Wright	3.00000%	Lario Oil & Gas Co.	All
7	T-26-S, R-27-E Sec. 22: NW/4, N/2 NE/4, SW/4 NE/4, N/2 SW/4, SW/4 SW/4 Sec. 23: N/2 NW/4 Sec. 27: SE/4, S/2 NE/4	720.00	LC 068808-B 12-1-51	U.S.A. 12½%	E1 Paso Natural Gas Products Co.	Pan American Betty R. Wright Ora R. Hall, Jr. Theodore L. Bates T. Edmund Beck Morris A. Bonoff Albert C. Bostwick Dunbar W. Bostwick Electra Bostwick F. Wadsworth Busk Natalie R. Clarke Howard G. Cushing James Donahue Jessie W. Donahue	10.93750 1.00000 4.00000 .21875 .21875 .21875 .21875 .43750 .21875 .21875 .21875 .21875 .32183 .76562	E1 Paso Natural Gas Products Co.	All

Working Interest Owner Under
Option Agreement, Operating
Agreement or Assignment and
Percentage of Interest

Serial No. Land Owner
and Percentage
Lease Date of Royalty

Tract
No.

Description
T-26-S, R-27-E

No. of Acres
(Cont'd)

Record Owner of Lease
or Application

Overriding Royalty
Owner and Percentage

Henry Ford II .43750
James G.Hanes .21875
Wm.H.Kearns .21875
Sara S.Linen .43750
Edgar J.Marston .21875
Hunter S.Marston .21875
Wm.G.McKnight,Jr. .10938
Riddell Petroleum
Corporation .54687
Frederick G.Rudge .21875
Frederick J.Hammes,
Executor of the Estate of
Clendenin J.Ryan,Dec. 1.58593
Fortune Peter Ryan .21875
Thomas F.Ryan,III .21875
Isidor Sack .65625
Edward L. Shea .21875
Adelaide F.Snowden .10938
Geo.G.Snowden,Jr. .34636
James H. Snowden .34635
James M. Snowden .34636
Marie K. Snowden .10937
E.Carroll Strollen-
werck .21875
Irving Warshaw .21875
Edward K. Wheeler .21875
Harry Winston .21875
Total 26.87500%

8 T-26-S, R-27-E
Sec.10: A11
Sec.11: W/2
Sec.14: W/2
Sec.15: A11

1,920.00

LC 068809-A
11-1-51

U.S.A. 12½%

E1 Paso Natural Gas
Products Co.

Pan American 10.93750 E1 Paso Natural Gas A11
Betty R.Wright,etvir 1.00000 Products Co.
Ora R.Hall,Jr. 4.00000
Theodore L.Bates .21875
T.Edmund Beck .21875
Morris A.Bonoff .21875
Albert C.Bostwick .21875
Dunbar W.Bostwick .43750
Electra Bostwick .21875
F.Wadsworth Busk .21875
Natalie R.Clarke .21875
Howard G.Cushing .21875
James Donahue .32183
Jessie W.Donahue .76562

Working Interest Owner Under
Option Agreement, Operating and
Agreement or Assignment and
Percentage of Interest

Serial No. Land Owner
and Percentage
Lease Date of Royalty

No. of Acres
(Cont'd)

Tract No.

Description

T-26-S, R-27-E

Record Owner of Lease
or Application

Overriding Royalty
Owner and Percentage

Henry Ford II .43750

James G.Hanes .21875

Wm.H.Kearns .21875

Sara S. Linen .43750

Edgar J. Marston .21875

Hunter S. Marston .21875

Wm.G.McKnight,Jr. .10938

Riddell Petroleum

Corporation .54687

Frederick G.Rudge .21875

Frederick J.Hammes,

Executor of the Estate of

Clendenin J.Ryan,Dec. 1.58593

Fortune Peter Ryan .21875

Thomas F.Ryan III .21875

Isidor Sack .65625

Edward L. Shea .21875

Adelaide F.Snowden .10938

Geo.G.Snowden,Jr. .34636

James H.Snowden .34635

James M. Snowden .34636

Marie K. Snowden .10937

E.Carroll Stollen-

werck .21875

Irving Warshaw .21875

Edward K. Wheeler .21875

Harry Winston .21875

Total 26.87500%

9

T-26-S, R-27-E
Sec.3: W/2,SE/4, S/2 NE/4

560.00

LC 068811-B
6-1-52

U.S.A. 12½%

E1 Paso Natural Gas
Products Co.

Pan American 10.93750

Hoover Wright,etuxl.00000

E1 Paso Natural Gas
Products Company

All

Ora R.Hall,Jr. 4.00000

Theodore L.Bates .21875

T.Edmund Beck .21875

Morris A.Bonoff .21875

Albert C.Bostwick .21875

Dunbar W.Bostwick .43750

Electra Bostwick .21875

F.Wadsworth Busk .21875

Natalie R.Clarke .21875

Howard G. Cushing .21875

James Donahue .32183

Jessie W.Donahue .76562

Henry Ford II .43750

				Page 12		
Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest	
					Overriding Royalty Owner and Percentage	Percentage of Interest
9	T-26-S, R-27-E	(Cont'd)			James G. Hanes	.21875
					Wm. H. Kearns	.21875
					Sara S. Linen	.43750
					Edgar J. Marston	.21875
					Hunter S. Marston	.21875
					Wm. G. McKnight, Jr.	.10938
					Riddell Petroleum Corporation	.54687
					Frederick G. Rudge	.21875
					Frederick J. Hammes,	
					Executor of the Estate of	
					Clendenin J. Ryan, Dec. 1.58593	
					Fortune Peter Ryan	.21875
					Thomas F. Ryan III	.21875
					Isidor Sack	.65625
					Edward L. Shea	.21875
					Adelaide F. Snowden	.10938
					Geo. G. Snowden, Jr.	.34636
					James H. Snowden	.34635
					James M. Snowden	.34636
					Marie K. Snowden	.10937
					E. Carroll Strollenwerck	.21875
					Irving Warshaw	.21875
					Edward K. Wheeler	.21875
					Harry Winston	.21875
					Total	26.87500%
10-A	T-26-S, R-26-E Sec. 24: All	640.00	LC 068822-B 11-1-51	U.S.A. 12½%	Pan American	10.93750
					El Paso Natural Gas Products Co.	All
					Margery F. Sweetser, et vir	1.00000
					Frank O. Elliott	4.00000
					Theodore L. Bates	.21875
					T. Edmund Beck	.21875
					Morris A. Bonoff	.21875
					Albert C. Bostwick	.21875
					Dunbar W. Bostwick	.43750
					Electra Bostwick	.21875
					F. Wadsworth Busk	.21875
					Natalie R. Clarke	.21875
					Howard G. Cushing	.21875
					James Donahue	.32183
					Jessie W. Donahue	.76562

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest		
						Overriding Royalty Owner and Percentage	Agreement or Assignment and Percentage of Interest	Option Agreement, Operating Agreement or Assignment and Percentage of Interest

10-A	T-26-S, R-26-E	(Cont'd)				Henry Ford II	.43750	
						James G.Hanes	.21875	
						Wm.H.Kearns	.21875	
						Sara S. Linen	.43750	
						Edgar J.Marston	.21875	
						Hunter S. Marston	.21875	
						Wm.G.McKnight,Jr.	.10938	
						Riddell Petroleum Corporation	.54687	
						Frederick G. Rudge	.21875	
						Frederick J. Hammes, Executor of the Estate of Clendenin J. Ryan, Dec. 1.58593		
						Fortune Peter Ryan	.21875	
						Thomas F.Ryan III	.21875	
						Isidor Sack	.65625	
						Edward L. Shea	.21875	
						Adelaide F.Snowden	.10938	
						Geo.G.Snowden,Jr.	.34636	
						James H. Snowden	.34635	
						James M. Snowden	.34636	
						Marie K. Snowden	.10937	
						E.Carroll Strollen-werck	.21875	
						Irving Warshaw	.21875	
						Edward K. Wheeler	.21875	
						Harry Winston	.21875	
						Total	26.87500%	

10-B	T-26-S, R-26-E Sec.25: E/2 E/2	160.00	LC 068822-A 11-1-51	U.S.A. 12½%	E1 Paso Natural Gas Products Co.	Margery Sweetser,et vir	E1 Paso Natural Gas Products Co.	All
						Frank O.Elliott	1.00000	
						Theodore L. Bates	4.00000	
						T.Edmund Beck	.43750	
						Morris A.Bonoff	.43750	
						Albert C. Bostwick	.43750	
						Dunbar W.Bostwick	.87500	
						Electra Bostwick	.43750	
						F.Wadsworth Busk	.43750	
						Natalie R.Clarke	.43750	
						Howard G. Cushing	.43750	
						James Donahue	.65625	
						Jessie W.Donahue	1.53125	

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Working Interest Owner Under Option Agreement, Operating and Agreement or Assignment and Percentage of Interest	
						Overriding Royalty Owner and Percentage	Percentage of Interest
10-B	T-26-S, R-26-E	(Cont'd)				Henry Ford II	.87500
						James G. Hanes	.43750
						Wm.H.Kearns	.43750
						Sara S. Linen	.87500
						Edgar J.Marston	.43750
						Hunter S.Marston	.43750
						Wm.G.McKnight, Jr.	.21875
						Riddell Petroleum Corporation	1.09375
						Frederick G.Rudge	.43750
						Frederick J.Hammes, Executor of the Estate of Clendenin J.Ryan,Dec. 3.17187	
						Fortune Peter Ryan	.43750
						Thomas F. Ryan III	.43750
						Isidor Sack	1.31250
						Edward L.Shea	.43750
						Adelaide F.Snowden	.21875
						Geo.G.Snowden,Jr.	.69272
						James H.Snowden	.69269
						James M.Snowden	.69272
						Marie K.Snowden	.21875
						E.Carroll Strollen-werck	.43750
11	T-26-S, R-27-E Sec.28: NW/4	160.00	LC 068823 12-1-51	U.S.A. 12½%	Margery Sweetser	Margery F.Sweetser, et vir	3.00000% Lario Oil & Gas Co. A11
						Total	26.87500%
12-A	T-26-S, R-27-E Sec.20: W/2, SE/4 Sec.21: E/2, SW/4 Sec.27: SE/4 NW/4, SW/4 Sec.28: W/2 E/2, SE/4 SE/4, SW/4	1,520.00	LC 068823-B 12-1-51	U.S.A. 12½%	E1 Paso Natural Gas Products Co.	Pan American	10.93750 E1 Paso Natural Gas A11
						DorothyL.Hanks, et vir	1.00000 Products Co.
						Frank O. Elliott	4.00000
						Theodore L.Bates	.21875
						T.Edmund Beck	.21875
						Morris A.Bonoff	.21875
						Albert C.Bostwick	.21875
						Dunbar W.Bostwick	.43750
						Electra Bostwick	.21875
						F.Wadsworth Busk	.21875

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
12-A	T-26-S, R-27-E	(Cont'd)				Natalie R. Clarke .21875 Howard G. Cushing .21875 James Donahue .32183 Jessie W. Donahue .76562 Henry Ford II .43750 James G. Hanes .21875 Wm. H. Kearns .21875 Sara S. Linen .43750 Edgar J. Marston .21875 Hunter S. Marston .21875 Wm. G. McKnight, Jr. .10938 Riddell Petroleum Corporation .54687 Frederick G. Rudge .21875 Frederick J. Hammes, Executor of the Estate of Clendenin J. Ryan, Dec. 1.58593 Fortune Peter Ryan .21875 Thomas F. Ryan III .21875 Isidor Sack .65625 Edward L. Shea .21875 Adelaide F. Snowden .10938 Geo. G. Snowden, Jr. .34636 James H. Snowden .34635 James M. Snowden .34636 Marie K. Snowden .10937 E. Carroll Stollenwerck .21875 Irving Warshaw .21875 Edward K. Wheeler .21875 Harry Winston .21875 Total 26.87500%	
12-B	T-26-S, R-27-E Sec. 20: NE/4 Sec. 21: NW/4	320.00	LC 068823-C 12-1-51	U.S.A. 12½%	El Paso Natural Gas Products Co.	Pan American Dorothy Hanks, et vir Frank O. Elliott Helmerich & Payne Drig. Co. Theodore L. Bates T. Edmund Beck Morris A. Bonoff Albert C. Bostwick	10.93750 El Paso Natural Gas Products Co. 1.00000 4.00000 .78125* .21875 .21875 .21875 .21875 All

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage Of Royalty	Record Owner of Lease or Application	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest	
						Overriding Royalty Owner and Percentage	Percentage of Interest

12-B	T-26-S, R-27-E	(cont'd)				Dunbar W.Bostwick	.43750
						Electra Bostwick	.21875
						F.Wadsworth Busk	.21875
						Natalie R.Clarke	.21875
						Howard G.Cushing	.21875
						James Donahue	.32183
						Jessie W.Donahue	.76562
						Henry Ford II	.43750
						James G.Hanes	.21875
						Wm.H.Kearns	.21875
						Sara S. Linen	.43750
						Edgar J.Marston	.21875
						Hunter S.Marston	.21875
						Wm.G.McKnight,Jr.	.10938
						Riddell Petroleum Corporation	.54687
						Frederick G.Rudge	.21875
						Frederick J.Hammes,	
						Executor of the Estate of	
						Clendenin J.Ryan,Dec. 1.58593	
						Fortune Peter Ryan	.21875
						Thomas F.Ryan III	.21875
						Isidor Sack	.65625
						Edward L.Shea	.21875
						Adelaide F.Snowden	.10938
						Geo.G.Snowden,Jr.	.34636
						James H. Snowden	.34635
						James M. Snowden	.34636
						Marie K.Snowden	.10937
						E.Carroll Strollen-	
						werck	.21875
						Irving Warshaw	.21875
						Edward K. Wheeler	.21875
						Harry Winston	.21875
						Total	27.65625%

* On NW/4 Sec.21 Only

13-A	T-26-S, R-27-E Sec.8: NW/4, SE/4	320.00	LC 068839-A 7-1-50	U.S.A. 12½%	E1 Paso Natural Gas Products Co.	10.93750	E1 Paso Natural Gas Products Co.	A11
					Pan American			
					Dorothy L. Manks, et vir	1.00000		
					Frank O.Elliott	4.00000		
					Theodore L.Bates	.21875		
					T.Edmund Beck	.21875		
					Morris A.Bonoff	.21875		

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Working Interest Owner Under Option Agreement Operating and Agreement or Assignment and Percentage of Interest		
						Overriding Royalty Owner and Percentage	Agreement or Assignment and Percentage of Interest	

13-A	T-26-S, R-27-E	(Cont'd)				Albert C.Bostwick	.21875	
						Dunbar W.Bostwick	.43750	
						Electra Bostwick	.21875	
						F.Wadsworth Busk	.21875	
						Natalie R.Clarke	.21875	
						Howard G.Cushing	.21875	
						James Donahue	.32183	
						Jessie W.Donahue	.76562	
						Henry Ford II	.43750	
						James G.Hanes	.21875	
						Wm.H.Kearns	.21875	
						Sara S. Linen	.43750	
						Edgar J.Marston	.21875	
						Hunter S.Marston	.21875	
						Wm.G.McKnight,Jr.	.10938	
						Riddell Petroleum Corporation	.54687	
						Frederick G.Rudge	.21875	
						Frederick J.Hammes, Executor of the Estate of Clendenin J. Ryan, Dec.	1.58593	
						Fortune Peter Ryan	.21875	
						Thomas F.Ryan III	.21875	
						Isidor Sack	.65625	
						Edward L. Shea	.21875	
						Adelaide F.Snowden	.10938	
						Geo.G.Snowden,Jr.	.34636	
						James H. Snowden	.34635	
						James M. Snowden	.34636	
						Marie K. Snowden	.10937	
						E.Carroll Stollenwerck	.21875	
						Irving Warshaw	.21875	
						Edward K.Wheeler	.21875	
						Harry Winston	.21875	
						Total	26.87500%	

13-B	T-26-S, R-27-E Sec.4: NE/4, SW/4 Sec.5: NE/4	480.00	LC 068839 7-1-50	U.S.A. 12½%	E1 Paso Natural Gas Products Co.	Dorothy L.Hanks et vir	1.00000	E1 Paso Natural Gas Products Co.	All
						Frank O.Elliott	4.00000		
						Theodore L.Bates	.43750		
						T.Edmund Beck	.43750		
						Morris A. Bonoff	.43750		

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Working Interest Owner Under Option Agreement Operating Agreement or Assignment and Percentage of Interest	
						Overriding Royalty Owner and Percentage	Percentage of Interest
13-B	T-26-S, R-27-E	(Cont'd)				Albert C. Bostwick	.43750
						Dunbar W. Bostwick	.87500
						Electra Bostwick	.43750
						F.Wadsworth Busk	.43750
						Natalie R.Clarke	.43750
						Howard G.Cushing	.43750
						James Donahue	.65625
						Jessie W.Donahue	1.53125
						Henry Ford II	.87500
						James G.Hanes	.43750
						Wm.H.Kearns	.43750
						Sara S.Linen	.87500
						Edgar J. Marston	.43750
						Hunter S.Marston	.43750
						Wm.G.McKnight,Jr.	.21875
						Riddell Petroleum Corporation	1.09375
						Frederick G.Rudge	.43750
						Frederick J.Hammes,	
						Executor of the Estate of	
						Clendenin J.Ryan,Dec. 3.17187	
						Fortune Peter Ryan	.43750
						Thomas F.Ryan III	.43750
						Isidor Sack	1.31250
						Edward L. Shea	.43750
						Adelaide F.Snowden	.21875
						Geo.G.Snowden,Jr.	.69272
						James H. Snowden	.69269
						James M. Snowden	.69272
						Marie K. Snowden	.21875
14-A	T-26-S, R-27-E Sec.17: N/2, SW/4 Sec.18: A11 Sec.19: A11	1,760.24	LC 068840 11-1-51	U.S.A. 12½%	El Paso Natural Gas Products Co.	E.Carroll Strollen-	
						werck	.43750
						Irving Warshaw	.43750
						Edward K.Wheeler	.43750
						Harry Winston	.43750
						Total	26.87500%
						Pan American	10.93750
						Dorothy L.Hanks,	
						et vir	1.00000
						Frank O.Elliott	4.00000
14-A	T-26-S, R-27-E Sec.17: N/2, SW/4 Sec.18: A11 Sec.19: A11	1,760.24	LC 068840 11-1-51	U.S.A. 12½%	El Paso Natural Gas Products Co.	Pan American	10.93750
						Dorothy L.Hanks,	
						et vir	1.00000
						Frank O.Elliott	4.00000

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Working Interest Owner Under Option Agreement Operating	
						Owner and Percentage	Agreement or Assignment Percentage of Interest

14-A	T-26-S, R-27-E	(Cont'd)				Theodore L. Bates	.21875
						T. Edmund Beck	.21875
						Morris A. Bonoff	.21875
						Albert C. Bostwick	.21875
						Dunbar W. Bostwick	.43750
						Electra Bostwick	.21875
						F. Wadsworth Busk	.21875
						Natalie R. Clarke	.21875
						Howard G. Cushing	.21875
						James Donahue	.32183
						Jessie W. Donahue	.76562
						Henry Ford II	.43750
						James G. Hanes	.21875
						Wm. H. Kearns	.21875
						Sara S. Linen	.43750
						Edgar J. Marston	.21875
						Hunter S. Marston	.21875
						Wm. G. McKnight, Jr.	.10938
						Riddell Petroleum Corporation	.54687
						Frederick G. Rudge	.21875
						Frederick J. Hammes, Executor of the Estate of Clendenin J. Ryan, Dec. 1.58593	
						Fortune Peter Ryan	.21875
						Thomas F. Ryan III	.21875
						Isidor Sack	.65625
						Edward L. Shea	.21875
						Adelaide F. Snowden	.10938
						Geo. G. Snowden, Jr.	.34636
						James H. Snowden	.34635
						James M. Snowden	.34636
						Marie K. Snowden	.10937
						E. Carroll Stollenwerck	.21875
						Irving Warshaw	.21875
						Edward K. Wheeler	.21875
						Harry Winston	.21875
						Total	26.87500%

14-B	T-26-S, R-27-E Sec. 17: SE/4	160.00	LC 068840-A 11-1-51	U.S.A. 12½%	E1 Paso Natural Gas Products Co.	Pan American Dorothy L. Hanks, et vir	10.93750	E1 Paso Natural Gas Products Co.	All
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Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment	
						Overriding Royalty Owner and Percentage	Percentage of Interest
14-B	T-26-S, R-27-E	(Cont'd)				Frank O. Elliott	4.00000
						Theodore L. Bates	.21875
						T. Edmund Beck	.21875
						Morris A. Bonoff	.21875
						Albert C. Bostwick	.21875
						Dunbar W. Bostwick	.43750
						Electra Bostwick	.21875
						F. Wadsworth Busk	.21875
						Natalie R. Clarke	.21875
						Howard G. Cushing	.21875
						James Donahue	.32183
						Jessie W. Donahue	.76562
						Henry Ford II	.43750
						James G. Hanes	.21875
						Wm. H. Kearns	.21875
						Sara S. Linen	.43750
						Edgar J. Marston	.21875
						Hunter S. Marston	.21875
						Wm. G. McKnight, Jr.	.10938
						Riddell Petroleum Corporation	.54687
						Frederick G. Rudge	.21875
						Frederick J. Hammes,	
						Executor of the Estate of	
						Clendenin J. Ryan, Dec. 1.58593	
						Fortune Peter Ryan	.21875
						Thomas F. Ryan III	.21875
						Isidor Sack	.65625
						Edward L. Shea	.21875
						Adelaide F. Snowden	.10938
						Geo. G. Snowden, Jr.	.34636
						James H. Snowden	.34635
						James M. Snowden	.34636
						Marie K. Snowden	.10937
						E. Carroll Stollenwerck	.21875
						Irving Warshaw	.21875
						Edward K. Wheeler	.21875
						Harry Winston	.21875
						Total	26.87500%
15	T-26-S, R-27-E Sec. 9: A11	640.00	LC 070538 8-1-51	U.S.A. 12½%	Sunshine Royalty Co.	Margery F. Sweetser, et vir	Sunshine Royalty Co. All 1.00000%

[illegible]

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment		
					Record Owner of Lease or Application	Overriding Royalty Owner and Percentage	Percentage of Interest
18-A	T-26-S, R-27-E	800.00	NM 02960 7-1-50	U.S.A. 12 3/4 %	El Paso Natural Gas Products Co.	Dorothy L. Hanks, et vir	El Paso Natural Gas All Products Co.
	Sec. 4: NW/4, SE/4 Sec. 5: W/2, SE/4						
						Frank O. Elliott	1.00000
						Theodore L. Bates	4.00000
						T. Edmund Beck	.43750
						Morris A. Bonoff	.43750
						Albert C. Bostwick	.43750
						Dunbar W. Bostwick	.87500
						Electra Bostwick	.43750
						F. Wadsworth Busk	.43750
						Natalie R. Clarke	.43750
						Howard G. Cushing	.43750
						James Donahue	.65625
						Jessie W. Donahue	1.53125
						Henry Ford II	.87500
						James G. Hanes	.43750
						Wm. H. Kearns	.43750
						Sara S. Linen	.87500
						Edgar J. Marston	.43750
						Hunter S. Marston	.43750
						Wm. G. McKnight, Jr.	.21875
						Riddell Petroleum Corporation	1.09375
						Frederick G. Rudge	.43750
						Frederick J. Hammes, Executor of the Estate of Clendenin J. Ryan, Dec. 3.17187	
						Fortune Peter Ryan	.43750
						Thomas F. Ryan III	.43750
						Isidor Sack	1.31250
						Edward L. Shea	.43750
						Adelaide F. Snowden	.21875
						Geo. G. Snowden, Jr.	.69272
						James H. Snowden	.69269
						James M. Snowden	.69272
						Marie K. Snowden	.21875
						E. Carroll Stollenwerck	.43750
						Irving Warshaw	.43750
						Edward K. Wheeler	.43750
						Harry Winston	.43750
						Total	26.87500%

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment		
						Owner and Percentage	Overriding Royalty	Percentage of Interest
18-B	T-26-S, R-27-E	320.00	NM 02960-A	U.S.A. 12½%	El Paso Natural Gas	Pan American	10.93750	El Paso Natural Gas
	Sec.8: NE/4, SW/4		7-1-50		Products Co.			All Products Co.

Dorothy L.Manks, et vir	1.00000
Frank O.Elliott	4.00000
Theodore L.Bates	.21875
T.Edmund Beck	.21875
Morris A.Bonoff	.21875
Albert C.Bostwick	.21875
Dunbar W.Bostwick	.43750
Electra Bostwick	.21875
F.Wadsworth Busk	.21875
Natalie R.Clarke	.21875
Howard G.Cushing	.21875
James Donahue	.32183
Jessie W.Donahue	.76562
Henry Ford II	.43750
James G.Hanes	.21875
Wm.H.Kearns	.21875
Sara S. Linen	.43750
Edgar J.Marston	.21875
Hunter S.Marston	.21875
Wm.G.McKnight,Jr.	.10938
Riddell Petroleum Corporation	.54687
Frederick G.Rudge	.21875
Frederick J.Hammes, Executor of the Estate of Clendenin J.Ryan,Dec. 1.58593	
Fortune Peter Ryan	.21875
Thomas F.Ryan III	.21875
Isidor Sack	.65625
Edward L.Shea	.21875
Adelaide F.Snowden	.10938
Geo.G.Snowden,Jr.	.34636
James H. Snowden	.34635
James M. Snowden	.34636
Marie K. Snowden	.10937
E.Carroll Stollenwerck	.21875
Irving Warshaw	.21875
Edward K. Wheeler	.21875
Harry Winston	.21875
Total	26.87500%

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment		
						Overriding Royalty Owner and Percentage	Percentage of Interest	All
19	T-25-S, R-27-E Sec.33: SE/4	160.00	NM 02986 11-1-48	U.S.A. 12½%	E1 Paso Natural Gas Products Co.	Ora R.Hall, Jr. 5.00000	E1 Paso Natural Gas	
						Theodore L.Bates .43750	Products Co.	
						T.Edmund Beck .43750		
						Morris A.Bonoff .43750		
						Albert C.Bostwick .43750		
						Dunbar W.Bostwick .87500		
						Electra Bostwick .43750		
						F.Wadsworth Busk .43750		
						Natalie R.Clarke .43750		
						Howard G.Cushing .43750		
						James Donahue .65625		
						Jessie W.Donahue 1.53125		
						Henry Ford II .87500		
						James G. Hanes .43750		
						Wm.H.Kearns .43750		
						Sara S. Linen .87500		
						Edgar J.Marston .43750		
						Hunter S.Marston .43750		
						Wm.G.McKnight, Jr. .21875		
						Riddell Petroleum Corporation 1.09375		
						Frederick G.Rudge .43750		
						Frederick J.Hammes, Executor of the Estate of Clendenin J. Ryan, Dec. 3.17187		
						Fortune Peter Ryan .43750		
						Thomas F.Ryan III .43750		
						Isidor Sack 1.31250		
						Edward L. Shea .43750		
						Adelaide F.Snowden .21875		
						Geo.G.Snowden, Jr. .69272		
						James H. Snowden .69269		
						James M. Snowden .69272		
						Marie K. Snowden .21875		
						E.Carroll Strollen-werck .43750		
						Irving Warshaw .43750		
						Edward K. Wheeler .43750		
						Harry Winston .43750		
						Total 26.87500%		

Working Interest Owner Under
Option Agreement, Operating
Agreement or Assignment
Percentage of Interest

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner and Percentage	Percentage of Interest
23	T-26-S, R-26-E	(Cont'd)				E.Carroll Strollen- werck	.43750
						Irving Warshaw	.43750
						Edward K.Wheeler	.43750
						Harry Winston	.43750
						Total	24.87500%

FEDERAL TRACTS 16,287.91 OR 87.128% OF UNIT AREA

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner		Record Owner of Lease or Application	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment Percentage of Interest		
				Percentage of Royalty	State of N.M.		El Paso Natural Gas Co.	Owner and Percentage	John M.Kelly, et ux
24-A	T-25-S, R-27-E Sec.32: All	640.00	E-1719-5 2-10-48	12½%	State of N.M.	El Paso Natural Gas Co.	John M.Kelly, et ux	.3125%	All
							John E.Miles	.3125%	
							Thomas C.ClossonJr..	.9375%	
							Mary C.Hess	.9375%	
							Total	2.5000%*	
							*Until \$250.00 per acre paid.		
24-B	T-26-S, R-27-E Sec.16: W/2,W/2NE/4, SE/4 NE/4,N/2 SE/4, SW/4 SE/4	560.00	E-1719-7 2-10-48	12½%	State of N.M.	El Paso Natural Gas Products Co.	Pan American	21.8750	El Paso Natural Gas All
							Humble Oil&RefCo	5.3125*	Products Co.
							John M.Kelly,etux	.3125**	
							JohnE.Miles	.3125**	
							Thomas C.ClossonJr	.9375**	
							Mary C.Hess	.9375**	
							Total	29.6875%	
							*Subject to Increasing to 10.625% when Production is more than 45 BOPD		
							**Until \$250.00 per acre paid		
25	T-26-S, R-27-E Sec.16: SE/4 SE/4, NE/4 NE/4	80.00	E-5551 9-10-51	12½%	State of N.M.	Sun Oil Co.	None		Sun Oil Co. All
26	T-26-S, R-27-E Sec.32: Lots 1,4, NW/4 NW/4	86.36	E-6207 5-10-52	12½%	State of N.M.	Sun Oil Co.	None		Sun Oil Co. All

STATE TRACTS 1,366.36 OR 7.309% of UNIT AREA

STATE TRACTS 1,366.36 OR 7.309% of UNIT AREA

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment Percentage of Interest
27	T-26-S, R-27-E Sec.22: SE/4 NE/4, N/2 SE/4 Sec.23: SW/4 NW/4 Sec.27: W/2 NW/4 Sec.28: SE/4 NE/4, NE/4 SE/4	320.00	11-19-49 10 yrs	Herbert W.Welch 6.25% James E. Logan 1.5625% Gorden T.Buskirk 1.5625% Basin Oil Co. of Calif. 1.09375% Christopher Oil Co. 1.09375% Bolsa Chica Oil Co. .9375%	Magnolia Pet.Corp.	None	All Magnolia Pet.Corp.
28-A	T-26-S, R-27-E Sec.22: SE/4 SW/4, S/2 SE/4 Sec.27: N/2 NE/4, NE/4 NW/4	240.00	11-3-49 10 yrs	Dempsey A.Welch 12 1/2%	Magnolia Pet.Corp.	None	All Magnolia Pet.Corp.
28-B	T-26-S, R-27-E Sec.23: NW/4 SW/4	40.00	11-23-49 10 yrs	Herbert W.Welch 12 1/2%	Magnolia Pet.Corp.	None	All Magnolia Pet.Corp.
28-C	T-26-S, R-27-E Sec.23: SW/4 SW/4	40.00	11-23-49 10 yrs	J.W.Phelan 12 1/2%	Magnolia Pet.Corp.	None	All Magnolia Pet.Corp.
29	T-26-S, R-26-E Sec.12:NE/4 SE/4 T-26-S, R-27-E Sec.7: Lot 3, NE/4 SW/4, NW/4 SE/4	159.89	6-20-51 10 yrs	Elmer Forehand, et ux & Earl R. Forehand, single 12 1/2%	El Paso Natural Gas Products Co.	Pan American	All El Paso Natural Gas Products Co.
30	T-25-S, R-27-E Sec.33: SE/4 NW/4, E/2 SW/4	120.00	7-15-50 10 yrs	Mrs.W.M.Jones, et vir 3.125% Mrs.W.M.Jones, Guardian of James E.Reed & Wm.R.Reed,Minors 9.375%(Unleased)	El Paso Natural Gas Products Co.	Pan American	All El Paso Natural Gas Products Co. (Und.1/4 Int)

Working Interest Owner Under
Option Agreement, Operating
Agreement or Assignment
Percentage of Interest
Magnolia Pet.Corp. All

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner and Percentage
31	T-26-S, R-27-E Sec.23: SE/4 NW/4, E/2 SW/4	120.00	9-21-50 10 yrs	John Guitar, Jr. & Repps B.Guitar, Trustees of the Guitar Trust Estate & C.P. Pardue, et ux 12½%	Magnolia Pet.Corp.	None

PATENTED TRACTS 1,039.89 OR 5.563% OF UNIT AREA

R E C A P I T U L A T I O N

<u>LAND</u>	<u>ACRES IN UNIT</u>	<u>PERCENTAGE OF UNIT AREA</u>
FEDERAL	16,287.91	87.128%
STATE	1,366.36	7.309%
PATENTED	<u>1,039.89</u>	<u>5.563%</u>
TOTAL OF UNIT AREA	18,694.16	100.000%

SCHEDULE I

WELCH UNIT EXPENDITURES

File
609

(1) El Paso Natural Gas Company - Welch #1 and #1-X \$613,637.31

On May 22 well dropped to 320#

Shut in for test

June 1 2550#

June 16 2550#

Still shut in.

(2) El Paso Natural Gas Products Company - Welch Unit #2	\$ 4,671.46	
Welch Unit #3	41,573.97	
Welch Unit #4	24,602.15	
Welch Unit #5	21,247.86	
Tank Batteries	13,269.33	
	<u>\$105,364.77</u>	<u>105,364.77</u>

Total Expenditures (as of April 30, 1953) \$719,002.08

Total Revenue (as of April 30, 1953)

(A) Gas Welch #1-X \$ 38,705.75

(B) Oil Welch #2, #3, #4 & #5 21,521.97

\$ 60,227.72

SCHEDULE II

WELCH UNIT OPERATIONS

By Pan American Petroleum Co.
as Operator

Mar. 8, 1954 - Welch Unit Approved
Sept. 24, 1954 - Welch Unit #1 well plugged
and abandoned at 12,547'
- no further drilling until -
Mar. 20, 1956 - Pan Am re-entered old #1 hole
for account of El Paso.

Note: This activity covers approximately a
2-year period.

By El Paso Natural Gas Company and
El Paso Natural Gas Products Company under
Designation of Operator and as Operator

Apr. 9, 1956 - El Paso took over drilling
May 5, 1956 - Welch Unit #1 well plugged & abandoned
June 30, 1956 - Welch Unit #1-X well spudded
Oct. 15, 1956 - Welch Unit #1-X well completed as a
gas well in Pennsylvanian formation
at 12,620'
Mar. 31, 1957 - #1-X well produced into El Paso's pipe-
line until this date.
May 10, 1957 - El Paso commenced deepening operations
on #1-X well
July 1, 1957 - Welch Unit #1-X recompleted. Well was
deepened to 13,848' where Devonian forma-
tion was tested and found non-productive.
Well was plugged back to 12,490' and
completed in Atoka formation from which
zone it is still producing gas into El Paso's
pipeline.
Nov. 13, 1957 - Welch Unit #2 well spudded
Nov. 27, 1957 - Welch Unit #2 well completed
Feb. 3, 1958 - Welch Unit #3 well spudded
Feb. 24, 1958 - Welch Unit #3 well completed
Mar. 5, 1958 - Welch Unit #4 well spudded
Mar. 16, 1958 - Welch Unit #4 well completed
Mar. 22, 1958 - Welch Unit #5 well spudded
Apr. 2, 1958 - Welch Unit #5 well completed
May 20, 1958 - El Paso filed Notice of Discovery and
Request for Approval of Initial
Participating Area
May 22, 1958 - El Paso filed Drilling Program for
calendar year 1958
June 5, 1958 - Reworked #2 well

Note: All of this activity covers approximately the
same period of time -- a 2-year period.

SCHEDULE III

ESTIMATED PAYOUT -- WELCH UNIT WELLS

Estimated Cost \$25,000.

Estimated Production:

28 barrels per day @ \$2.40 per barrel
= \$67.20 per day x 30 days \$2,016.
per month, or \$24,192 per year.

(1) Gross	\$24,192.
(2) Less 1/8th royalty	<u>3,024.</u>
	\$21,168.

(3) Less taxes (6%)	<u>1,250.</u>
	\$19,918.

(4) Less Operating Expense	<u>\$ 918.</u>
-------------------------------	----------------

\$19,000.

Estimated Payout -- approximately one and one-half years.

SCHEDULE I

WELCH UNIT EXPENDITURES

(1) El Paso Natural Gas Company - Welch #1 and #1-X	\$613,637.31
---	--------------

On May 22 well dropped to 320#
Shut in for test
 June 1 2550#
 June 16 2550#
Still shut in.

(2) El Paso Natural Gas Products Company - Welch Unit #2	\$ 4,671.46	
Welch Unit #3	41,573.97	
Welch Unit #4	24,602.15	
Welch Unit #5	21,247.86	
Tank Batteries	13,269.33	
	<u>\$105,364.77</u>	<u>105,364.77</u>

Total Expenditures (as of April 30, 1958)	\$719,002.08
---	--------------

Total Revenue (as of April 30, 1958)

(A) Gas Welch #1-X	\$ 38,705.75
(B) Oil Welch #2, #3, #4 & #5	<u>21,521.97</u>
	<u>\$ 60,227.72</u>

SCHEDULE II

WELCH UNIT OPERATIONS

By Pan American Petroleum Co.
as Operator

Mar. 8, 1954 - Welch Unit Approved
Sept. 24, 1954 - Welch Unit #1 well plugged
and abandoned at 12,547'
- no further drilling until -
Mar. 20, 1956 - Pan Am re-entered old #1 hole
for account of El Paso.

Note: This activity covers approximately a
2-year period.

By El Paso Natural Gas Company and
El Paso Natural Gas Products Company under
Designation of Operator and as Operator

Apr. 2, 1956 - El Paso took over drilling
May 5, 1956 - Welch Unit #1 well plugged & abandoned
June 30, 1956 - Welch Unit #1-X well spudded
Oct. 15, 1956 - Welch Unit #1-X well completed as a
gas well in Pennsylvanian formation
at 12,620'
Mar. 31, 1957 - #1-X well produced into El Paso's pipe-
line until this date.
May 10, 1957 - El Paso commenced deepening operations
on #1-X well
July 1, 1957 - Welch Unit #1-X recompleted. Well was
deepened to 13,848' where Devonian forma-
tion was tested and found non-productive.
Well was plugged back to 12,490' and
completed in Atoka formation from which
zone it is still producing gas into El Paso's
pipeline.
Nov. 13, 1957 - Welch Unit #2 well spudded
Nov. 27, 1957 - Welch Unit #2 well completed
Feb. 3, 1958 - Welch Unit #3 well spudded
Feb. 24, 1958 - Welch Unit #3 well completed
Mar. 5, 1958 - Welch Unit #4 well spudded
Mar. 16, 1958 - Welch Unit #4 well completed
Mar. 22, 1958 - Welch Unit #5 well spudded
Apr. 2, 1958 - Welch Unit #5 well completed
May 20, 1958 - El Paso filed Notice of Discovery and
Request for Approval of Initial
Participating Area
May 22, 1958 - El Paso filed Drilling Program for
calendar year 1958
June 5, 1958 - Reworked #2 well

Note: All of this activity covers approximately the
same period of time -- a 2-year period.

SCHEDULE III

ESTIMATED PAYOUT -- WELCH UNIT WELLS

Estimated Cost \$25,000.

Estimated Production:

28 barrels per day @ \$2.40 per barrel
= \$67.20 per day x 30 days \$2,016.
per month, or \$24,192 per year.

(1) Gross	\$24,192.
(2) Less 1/3th royalty	<u>3,024.</u>
	\$21,168.

(3) Less taxes (6%)	<u>1,250.</u>
	\$19,918.

(4) Less Operating Expense	<u>\$ 918.</u>
-------------------------------	----------------

\$19,000.

Estimated Payout -- approximately one and one-half years.

MAIN OFFICE 000
EL PASO NATURAL GAS PRODUCTS COMPANY

POST OFFICE BOX 1161, EL PASO, TEXAS
1958 AUG 27

August 25, 1958

Director
United States Geological Survey
Department of the Interior
Washington 25, D. C.

Commissioner of Public Lands
of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Oil Conservation Commission
of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Re: Welch Unit, No. 14-08-001-1206,
Eddy County, New Mexico
NOTICE OF APPROVAL OF DESIGNATION
OF SUCCESSOR UNIT OPERATOR.

Gentlemen:

This is to advise that the Designation of Successor Unit Operator by Working Interest Owners dated as of May 1, 1958, designating El Paso Natural Gas Products Company successor unit operator of the captioned Unit has been approved as follows:

1. Approved by the Commissioner of Public Lands of the State of New Mexico, on May 28, 1958;
2. Approved by the United States Geological Survey, on August 8, 1958.

Very truly yours,

D. W. Reece
D. W. Reece
Land Department

DWR:jlw

cc: Attached list.

WELCH UNIT
WORKING INTEREST OWNERS

COPIES OF THE FOREGOING LETTER HAVE BEEN SENT TO THE FOLLOWING WORKING INTEREST OWNERS:

Pan American Petroleum Corporation
P. O. Box 1410
Ft. Worth, Texas

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

Magnolia Petroleum Company
P. O. Box 900
Dallas, Texas

Elmer L. Lockwood
750 West 5th Street
Ft. Worth, Texas

Mr. George G. Snowden, and wife
4 East 66th Street
New York 21, New York

Humble Oil & Refining Company
P. O. Box 1287
Roswell, New Mexico

Mr. James H. Snowden, and wife
750 West 5th Street
Ft. Worth, Texas

Sunshine Royalty Company
P. O. Box 147
Roswell, New Mexico

Gulf Oil Corporation
P. O. Drawer 1290
Ft. Worth 1, Texas

John M. Kelly, and wife
P. O. Box 5671
Roswell, New Mexico

EL PASO NATURAL GAS PRODUCTS COMPANY

POST OFFICE BOX 1161, EL PASO, TEXAS

RECEIVED
NATURAL GAS
1958 AUG 5 5 PM 1:30
1:28

August 1, 1958

Director
United States Geological Survey
Department of the Interior
Washington 25, D. C.

Commissioner of Public Lands
of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Oil Conservation Commission
of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Re: Welch Unit, No. 14-08-001-1206,
Eddy County, New Mexico
NOTICE OF APPROVAL OF REVISED
PLAN OF DEVELOPMENT FOR CALENDAR
YEAR 1958.

Gentlemen:

This is to advise that the Revised Plan of Development for Calendar Year 1958, dated July 1, 1958, for the Welch Unit has been approved by the Federal and State regulatory bodies as follows:

1. Approved by the New Mexico Oil Conservation Commission on July 15, 1958;
2. Approved by the Commissioner of Public Lands of the State of New Mexico, on July 16, 1958;
3. Approved by the United States Geological Survey on July 29, 1958.

Very truly yours,

D. W. Reece

D. W. Reece
Land Department

DWR:JFK:jlw

cc: Attached List

WELCH UNIT
WORKING INTEREST OWNERS

COPIES OF THE FOREGOING LETTER HAVE BEEN SENT TO THE FOLLOWING WORKING INTEREST OWNERS:

Pan American Petroleum Corporation
P. O. Box 1410
Ft. Worth, Texas

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

Magnolia Petroleum Company
P. O. Box 900
Dallas, Texas

Elmer L. Lockwood
750 West 5th Street
Ft. Worth, Texas

Mr. George G. Snowden, and wife
4 East 66th Street
New York 21, New York

Humble Oil & Refining Company
P. O. Box 1287
Roswell, New Mexico

Mr. James H. Snowden, and wife
750 West 5th Street
Ft. Worth, Texas

Sunshine Royalty Company
P. O. Box 147
Roswell, New Mexico

Gulf Oil Corporation
P. O. Drawer 1290
Ft. Worth 1, Texas

John M. Kelly, and wife
P. O. Box 5671
Roswell, New Mexico



1958 AUG 1 AM 8:16

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P.O. Box 6721
Roswell, New Mexico

July 29, 1958

El Paso Natural Gas Products Company
Post Office Box 1161
El Paso, Texas

*File
C-1*

Gentlemen:

Your 1958 plan of development, dated July 1, 1958, for the Welch unit area, No. 14-08-001-1206, Eddy County, New Mexico, covering the drilling of wells Nos. 3, 4, 5 and 6 to the Delaware sandstone and the deepening of well No. 2 approximately 10 feet, has been approved on this date. Said plan of development was approved by the New Mexico Oil Conservation Commission and the Commissioner of Public Lands on July 15, 1958 and July 16, 1958, respectively.

Four approved copies of the plan of development are enclosed.

Very truly yours,

(Orig. Sgd.) JOHN A. ANDERSON

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

Copy to: Washington (w/Plan of Development)
Artesia (w/Plan of Development)
Comm. of Public Lands, Santa Fe (letter only)
Oil Cons. Comm., Santa Fe, (letter only) ✓

EL PASO NATURAL GAS PRODUCTS COMPANY
POST OFFICE BOX 1161, EL PASO, TEXAS

1958 JUL 21 AM 8:45 July 18, 1958

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
Post Office Box 4721
Roswell, New Mexico

File
669

Re: Revised Plan of Development
for the Calendar Year 1958,
Welch Unit, Eddy County, New
Mexico.

Gentlemen:

We are enclosing seven (7) copies of the Revised Plan of Development for the Calendar Year 1958, for the Welch Unit, Eddy County, New Mexico. The above captioned Plan was approved by the New Mexico Oil Conservation Commission on July 15, 1958, and like approval was given by the Commissioner of Public Lands on July 16, 1958.

Upon completion of action by the United States Geological Survey, retain the necessary copies for your records and return the balance to us.

Yours very truly,

D. W. Reese
D. W. Reese
Land Department

DWR:JFK:jlw
Enclosures

cc: New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Commissioner of Public Lands
of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

COPY

MAIN OFFICE OCC
1958 JUL 18 AM 8:30

File
Case
609

July 17, 1958

In reply refer to:
Unit Division

C

O

P

Y

El Paso Natural Gas Products Company
P. O. Box 1161
El Paso, Texas

Re: Welch Unit Area
Eddy County, New
Mexico

Attention Mr. R. L. Hamblin

Gentlemen:

The Commissioner of Public Lands, on May 28, 1958, approved the resignation of Pan American Petroleum Corporation as Unit Operator and the designation of El Paso Natural Gas Products Company as the new Operator, for the Welch Unit Area.

We have not been notified of the approval by the U.S. Geological Survey for the designation of El Paso Natural Gas Products Company as Operator for the Welch Unit Area,

May we hear from you at your earliest convenience as to this approval.

Very truly yours,

MURRAY E. MORGAN
Commissioner of Public Lands

BY:
Ted Bilberry, Supervisor
Oil and Gas Division

MEM:MOR:m
cc: U.S.G.S. -Roswell, New Mexico
OCC-Santa Fe, N. M.

ILLEGIBLE

MAIN OFFICE OCC

1958 JUL 18 AM 8:30

File

case

609

July 16, 1958

In reply refer to:
Unit Division

El Paso Natural Gas Products Company
P.O. Box 1181
El Paso, Texas

Re: Revised Plan of Development
for the calendar year 1958,
Welch Unit, Eddy County, New
Mexico.

Attention: Mr. D. W. Reece

Gentlemen:

We are enclosing seven copies of the Revised Plan of Development, for the calendar year 1958, for the Welch Unit Area, Eddy County, New Mexico.

Eight copies were handed to us by the Oil Conservation Commission and were approved by the Commissioner of Public Lands July 16, 1958, subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Commission.

We are retaining one copy for our file. Please send us another copy at such time as this instrument is fully executed.

Very truly yours,

MURRAY E. MORGAN
Commissioner of Public Lands

BY:

Ted Bilberry, Supervisor
Oil and Gas Division

MEM:MMR:m

cc: U.S. Geological Survey, Roswell, N. M.
Oil Conservation Commission, Santa Fe, N. M.

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

July 15, 1958

C
O
P
Y
El Paso Natural Gas Products Co.
P. O. Box 1181
El Paso, Texas

Attention: Mr. D. W. Reece

Re: Revised Plan of Development
for the calendar year 1958,
Welch Unit, Eddy County, New
Mexico.

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Revised Plan of Development for the calendar year 1958 for the Welch Unit Eddy County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

Eight approved copies of the plan were handed to the Commissioner of Public Lands of the state of New Mexico.

Very truly yours,

A. L. Porter, Jr.,
Secretary-Director

cc: U. S. Geological Survey, Roswell, New Mexico
Commissioner of Public Lands, Santa Fe, New Mexico

EL PASO NATURAL GAS PRODUCTS COMPANY

POST OFFICE BOX 1101 EL PASO, TEXAS

1958 JUL 11 PM 1
July 10, 1958

Oil Conservation Commission
of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Attention: Mr. Dan Nutter

Re: Welch Unit, No.14-08-001-1206,
Eddy County, New Mexico.

Gentlemen:

We enclose for your approval nine copies of the Revised Plan of Development for the Calendar Year 1958, of the above captioned Unit. Although we do not state in the Revised Plan of Development the date we intend to commence the Welch Unit #6 Well, we are planning on drilling this well in the near future.

After this Revised Plan of Development has been approved by the New Mexico Oil Conservation Commission, please forward eight copies to the Commissioner of Public Lands of the State of New Mexico for their approval. By copy of this letter we are requesting the Commissioner of Public Lands to return six copies to us after approval by him.

Very truly yours,

D. W. Reece

D. W. Reece
Land Department

DWR:jlw
Enclosures

cc: Commissioner of Public Lands
of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

EL PASO NATURAL GAS PRODUCTS COMPANY

POST OFFICE BOX 1161, EL PASO, TEXAS

July 1, 1958

Director
United States Geological Survey
Department of the Interior
Washington 25, D. C.

Commissioner of Public Lands
of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Oil Conservation Commission
of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Re: Welch Unit, No. 14-08-001-1206,
Eddy County, New Mexico
REVISED PLAN OF DEVELOPMENT FOR
CALENDAR YEAR 1958.

Gentlemen:

Pursuant to Section 10 of the Welch Unit Agreement, El Paso Natural Gas Products Company, as Unit Operator, submitted on May 22, 1958, its Plan of Development for the Calendar Year 1958. This Plan of Development was submitted five months and eighteen days after completion of the Discovery Well, Welch Unit #2 Well, on December 2, 1957. The Regional Supervisor of the United States Geological Survey and the New Mexico Oil Conservation Commission made certain comments and objections to our Plan of Development dated May 22, 1958.

We are submitting herewith our Revised Plan of Development for the Calendar Year 1958, after conferences and discussion with the Regional Supervisor and the Oil Conservation Commission regarding our proposed 1958 Plan of Development.

Although we were not required to under the terms of the Welch Unit Agreement, since completion of the Discovery Well in the Delaware Sand we have continued our development of the Welch Unit in a diligent manner and have already drilled and completed in this Calendar Year the Welch Unit #3 Well on February 23, 1958, the Welch Unit #4 Well on March 20, 1958, and the Welch Unit #5 Well on April 21, 1958. Detailed Completion and other data on these Wells are contained in attached Exhibit "A". We respectfully request that these three Wells which were not required but have been drilled by us this year in an earnest and diligent attempt to fully evaluate and explore

the Welch Unit be considered as part of our Plan of Development for the Calendar Year 1958.

Listed below is our Proposed Plan of Development for the Calendar Year 1958, which provides for the drilling of four Delaware tests, three of which have already been completed as explained in the previous paragraph, and in addition provides for the reworking of another well. The remaining well to be drilled will be a stepout well as requested. Listed below is our 1958 Plan of Development:

1. Drill Welch Unit #3 Well * SW/4 SW/4 Section 16 26S, 27E
2. Drill Welch Unit #4 Well * NE/4 NE/4 Section 20 26S, 27E
3. Drill Welch Unit #5 Well * NE/4 NW/4 Section 21 26S, 27E
4. Drill Welch Unit #6 Well ** SE/4 NE/4 Section 17 26S, 27E
5. Deepen Welch Unit #2 Well
by another 10', perforate
and sand-oil frac this
interval.

El Paso Natural Gas Products Company, as Unit Operator, intends to drill to approximately 2200 feet in the Delaware Sand using rotary drilling equipment. We propose to set 8 5/8", 24#, J-55 casing at approximately 250' using enough cement to circulate to the surface and 5 1/2", 15.5#, J-55 production casing will be set at a total depth using approximately 200 sacks of cement. The production casing will then be selectively perforated and the Delaware Formation will be subjected to a hydraulic fracturing process. Due care will be taken to protect all horizons.

El Paso Natural Gas Products Company, as Unit Operator, will protect the Unit from drainage and will comply with any drilling requirements created under the terms of the Unit Agreement.

Notice of Discovery and Request for Approval of the Initial Participating Area as well as the First, Second and Third Expansions of the Participating Area have already been filed for approval on May 20, 1958. For the first four months of the Calendar Year, January through April, the Participating Area has produced 8,457 barrels of oil from which we have received the sum of \$21,521.97. We definitely feel that this is production in paying quantities and we are making Budget provisions for continued development in 1959.

If this Revised Plan of Development is acceptable, please signify your approval, as required under Section 10 of the Unit Agreement, in the space provided and return an approved copy to El Paso Natural Gas Products Company.

* Previously completed this year
** Stepout Well as requested

July 1, 1958

Copies of this letter are being sent to the Working Interest Owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS PRODUCTS COMPANY

By R L Hamblin
R.L. Hamblin, Manager
Land Department

RLH:DWR:jlw

cc: Attached List

APPROVED this 15 day of
July, 1958.

New Mexico Oil Conservation Commission

By A. H. Porter

APPROVED this _____ day of
_____, 1958.

Commissioner of Public Lands

By _____

APPROVED this _____ day of
_____, 1958.

U. S. Geological Survey

By _____

E X H I B I T " A "

Revised Plan of Development July 1, 1958

Welch Unit Agreement

The Welch Unit #2 Well has been drilled at a location in NW/4 NW/4 Section 21, T-26-S, R-27-E, to a total depth of 2115 feet. Five and one-half inch production casing was set at 2115 feet, and the interval from 2105' to 2111' was perforated with three jet shots per foot. The well was then treated through open perforations with 2000 gallons of Petro-Jel and 3000 pounds of sand. On December 2, 1958, after recovering all load oil, the well potentialized 43 3/4 barrels of 40° API Gravity oil plus 2 1/4 barrels of water in 24 hours. The gas-oil-ratio was too small to measure.

The #3 Well was completed in the SW/4 SW/4 Section 16, T-26-S, R-27-E, at a total depth of 2236 feet. The Delaware Formation was perforated between 2137' and 2147' through 5 1/2 inch production casing which was set at the total depth. The well was treated with a sand-oil fracturing process. On the initial potential test, conducted on February 23, 1958, this well pumped 120 barrels of fluid per day, 50% of which was 41 degree oil and 50% of which was water. The gas-oil-ratio was too small to measure.

The Welch Unit #4 Well, in the NE/4 NE/4 Section 20, T-26-S, R-27-E, was completed with a total depth of 2160 feet. With 5 1/2 inch production casing set at a total depth, the Delaware Formation was perforated between 2095 feet and 2110 feet and subjected to a sand-oil fracturing process. Potentialized on March 20, 1958, the #4 Well pumped 42 barrels of 41 degree oil and 84 barrels of water per day, with a gas-oil ratio too small to measure.

Five and one-half inch production casing was set at the total depth of 2175 feet in the Welch Unit #5 Well which was drilled in the NE/4 NW/4 Section 21, T-26-S, R-27-E. The Delaware Formation was treated with a sand-oil fracturing process through perforations in the 2110' - 2124' interval. On its April 21, 1958, potential test, the Well pumped 41 barrels of 41° API gravity oil per 24 hours plus 21 barrels water.

WELCH UNIT
WORKING INTEREST OWNERS

COPIES OF THE FOREGOING LETTER HAVE BEEN SENT TO THE FOLLOWING WORKING INTEREST OWNERS:

Pan American Petroleum Corporation
P. O. Box 1410
Ft. Worth, Texas

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

Magnolia Petroleum Company
P. O. Box 900
Dallas, Texas

Elmer L. Lockwood
750 West 5th Street
Ft. Worth, Texas

Mr. George G. Snowden, and wife
4 East 66th Street
New York 21, New York

Humble Oil & Refining Company
P. O. Box 1287
Roswell, New Mexico

Mr. James H. Snowden, and wife
750 West 5th Street
Ft. Worth, Texas

Sunshine Royalty Company
P. O. Box 147
Roswell, New Mexico

Gulf Oil Corporation
P. O. Drawer 1290
Ft. Worth 1, Texas

John M. Kelly, and wife
P. O. Box 5671
Roswell, New Mexico

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

May 28, 1958

C
O
P
Y

El Paso Natural Gas Products Company
P. O. Box 1161
El Paso, Texas

Attention: Mr. R. L. Hamblin

Re: Welch Unit
Approval of Initial
Participating Area

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Initial Delaware Formation Participating Area for the Welch Unit area, Eddy County, New Mexico, subject to like approval by the U. S. Geological Survey and by the Commissioner of Public Lands of the State of New Mexico.

Eight approved copies of the application were handed to Mr. D. W. Reece.

Very truly yours,

A. L. PORTER, Jr.,
Secretary-Director

ALP/RLS/1r

cc: U. S. Geological Survey - Roswell, N. M.
Commissioner of Public Lands - Santa Fe

EL PASO NATURAL GAS PRODUCTS COMPANY

POST OFFICE BOX 1161, EL PASO, TEXAS

May 20, 1958

Director
United States Geological Survey
Department of the Interior
Washington 25, D. C.

Commissioner of Public Lands
of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Oil Conservation Commission
of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Re: WELCH UNIT No. 14-08-001-1206
Eddy County, New Mexico
NOTICE OF DISCOVERY AND REQUEST
FOR APPROVAL OF INITIAL PARTICI-
PATING AREA FOR THE DELAWARE FOR-
MATION EFFECTIVE December 2, 1957.

Gentlemen:

Pursuant to Section 11 of the Welch Unit Agreement No. 14-08-001-1206, approved by the Commission on January 26, 1954, and approved by the Director on March 8, 1954, El Paso Natural Gas Products Company, as Unit Operator, determined, subject to the approval of the Director, Commissioner and Commission, that the Welch Unit #2 Well, completed in the Delaware Formation, is capable of producing unitized substances in paying quantities and that the Initial Participating Area for the Delaware Formation should be established. The Initial Participating Area contains 40.00 acres which El Paso Natural Gas Products Company, as Unit Operator, regards as reasonably proved to be productive of unitized substances in paying quantities. This acreage is described as follows:

Township 26 South, Range 27 East, N.M.P.M.
Section 21: NW/4 NW/4

containing 40.00 acres, more or less.

May 20, 1958

The Welch Unit #2 Well is located 660' from the North line and 560' from the West line of Section 21, Township 26 South, Range 27 East, Eddy County, New Mexico. This well was spudded on November 13, 1957, and completed November 25, 1957, at a total depth of 2115'. The Delaware Formation was perforated between 2105' - 2111' and treated with a sand-oil fracturing process. On the initial potential test conducted on December 2, 1957, after recovering its load and fracture oil, this well pumped 45 barrels of fluid per day 95% of which was 40.0 degree oil and 5% of which was water. The gas-oil ratio was too small to measure.

The effective date for the Initial Participating Area is determined as December 2, 1957, the date of first production and the date on which the above well was tested and the information gained.

Attached hereto is Schedule I showing the Initial Participating Area for the Delaware Formation in the Welch Unit Area. This Schedule describes the Initial Participating Area, shows the percentage of unitized substances allocated to each unitized tract and the exact breakdown of percentage allocated to each tract according to the various ownerships in said tract. Also attached hereto as Exhibit "A" is a map of the Welch Unit Area on which has been colored the Initial Participating Area for the Delaware Formation.

Applicant is submitting separately, in triplicate, its Geologic and Engineering report, with enclosures, supporting its suggested selection of the proposed Participating Area.

If this Initial Participating Area meets with your approval, please indicate such approval in the space provided on the attached sheet. A copy of this letter and a copy of the Schedule attached hereto are being sent to all Working Interest Owners as indicated on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS PRODUCTS COMPANY

By: R. L. Hamblin
R. L. Hamblin
Manager
Land Department

RLH:JFK:jlw
Enclosures

cc: Attached list

APPROVED: _____
Director, United States Geological Survey
DATE: _____, 195__.

APPROVED: _____
Commissioner of Public Lands
DATE: _____, 195__.
Subject to like approval by the U.S.G.S. and Oil Conservation Commission.

APPROVED: *A. L. Carter*
Oil Conservation Commission
DATE: *May 28*, 195*8*.
Subject to like approval by the U.S.G.S. and Commissioner of Public Lands.

The foregoing approvals are for the 40.00 acre
Initial Participating Area for the Delaware For-
mation, effective as of the date of first produc-
tion, under the Welch Unit 14-08-001-1206, Eddy
County, New Mexico.

WELCH UNIT
WORKING INTEREST OWNERS

COPIES OF THE FOREGOING LETTER HAVE BEEN SENT TO THE FOLLOWING WORKING INTEREST OWNERS:

Pan American Petroleum Corporation
P. O. Box 1410
Ft. Worth, Texas

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

Magnolia Petroleum Company
P. O. Box 900
Dallas, Texas

Elmer L. Lockwood
750 West 5th Street
Ft. Worth, Texas

Mr. George G. Snowden, and wife
4 East 66th Street
New York 21, New York

Humble Oil & Refining Company
P. O. Box 1287
Roswell, New Mexico

Mr. James H. Snowden, and wife
750 West 5th Street
Ft. Worth, Texas

Sunshine Royalty Company
P. O. Box 147
Roswell, New Mexico

Gulf Oil Corporation
P. O. Drawer 1290
Ft. Worth 1, Texas

John M. Kelly, and wife
P. O. Box 5671
Roswell, New Mexico

SCHEDULE I
INITIAL PARTICIPATING AREA FOR THE DELAWARE FORMATION
WELCH UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	TRACT NUMBER and	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
LC-068823-C	T-26-S, R-27-E Sec. 21: NW/4 NW/4	40.00		Tract 12-B	12.500000%	12.500000%	100%
			Royalty:				
			Working Interest:				
			El Paso Natural			59.84375%	
			Gas Products Co.		59.84375%	27.65625%	
			O.R.R.I.:		27.65625%		
			TOTAL		100.000000%	100.000000%	

WELCH UNIT #2 Well

Effective December 2, 1957

SCHEDULE I
INITIAL PARTICIPATING AREA FOR THE DELAWARE FORMATION
WELCH UNIT AREA

RECAPITULATION

Description of lands in Participating Area
Township 26 South, Range 27 East, N.M.P.M.
Section 21: NW/4 NW/4

Total Number of Acres in Participating Area:	40.00
Total Number of Acres Committed in Participating Area:	40.00
Total Number of Acres not Committed in Participating Area:	00.00
Percent of Basic Royalty Committed:	100.00%
Percent of Working Interest Committed:	100.00%
Percent of Overriding Royalty Interest Committed:	100.00%

Effective December 2, 1957