

Case No.

913

Application, Transcript,
Small Exhibits, Etc.

CLASS 9-1 Mid-Continent Petroleum Cor-
poration Application for approval of Non-
Standard unit, Eumont Gas Pool (160 acres)

BEFORE THE
Oil Conservation Commission
SANTA FE, NEW MEXICO
June 13, 1955

IN THE MATTER OF:

CASE NO. 913

TRANSCRIPT OF PROCEEDINGS

ADA DEARNLEY AND ASSOCIATES
COURT REPORTERS
605 SIMMS BUILDING
TELEPHONE 3-6691
ALBUQUERQUE, NEW MEXICO

NEW MEXICO OIL CONSERVATION COMMISSION
MABRY HALL - STATE CAPITOL
SANTA FE, NEW MEXICO

REGISTERHEARING DATE June 13, 1955TIME: 9:00 A.M.

NAME:	REPRESENTING:	LOCATION
W. Smith E. G. Hutz	Standard Oil Gas ✓	F. A. Worth, Tex ✓
Foster M. Murre	Independent	Roswell, N.M.
Clyde T. Stone	Wilshire of Tex	Midland, Tex
Jack M. Campbell	Campbell & Russell	Roswell NM
Ralph C. Farnip	Fickip & Jones	Midland, Texas
Richard L. Hughston	Shell	Midland, Texas
W. H. House	Humble Oil Co.	Midland Tex
Conrad K. Kirsch	Humble Oil Co.	Roswell.
Lea. H. S.	Sunray Mid. Cent. Oil Co.	Salt Lake
D. E. Hall	Sunray Mid. Cent. Oil Co.	Midland, Tex
H. M. Dimer	Shell Oil Co.	Hobbs, NM
E. W. NESIOR	✓	MIDLAND, TEX
J. W. Boulch, Jr.	Ed Rose Natural Gas	Jal
R. T. Wright	✓	✓
F. D. Dickey	Shell Oil Co	Midland & Tex

NEW MEXICO OIL CONSERVATION COMMISSION
 MABRY HALL - STATE CAPITOL
 SANTA FE, NEW MEXICO

REGISTERHEARING DATE June 13, 1955TIME: 9:00 A.M.

NAME:	REPRESENTING:	LOCATION
John Murouba	Texas Pacific Coal & Oil Co	Hobbs, N. Mex.
John Guly	O C C	Serv. to Mr.
Warren W. Manker	"	"
S. J. Stanley	O C C	Hobbs, N. Mex.
B R Carney	Warren Petroleum Corp.	Tulsa @ K la.
J. W. Kearney	Warren Petroleum Corp.	Hobbs N. Mex.
P. M. Reed	O C C	Santa Fe.
To Storm	Simmons, Worksham, & Cove	Hobbs, N. Mex.

IN THE MATTER OF:

Case 913

TRANSCRIPT OF HEARING

MR. WHITE: Yes, sir. If the Commission please, the petitioner, Mid-Continent Petroleum Corporation, since the filing of this petition has been merged with the Sun-Ray Oil Corporation, and it has changed its name to the Sun-Ray Mid-Continent Oil Company. We should like to have the record show that it is the successor in interest to the petitioner's application here.

DIRECT EXAMINATION

Q State your full name for the record, please.

A Donald E. Hall.

Q By whom employed and in what capacity?

A By Sunray Mid-Continent Oil Company as petroleum engineer.

Q Where do you have your offices?

A Midland, Texas.

Q Have you ever testified before the Commission before?

A No, sir.

Q Will you state briefly your qualifications?

A I was graduated from the University of Oklahoma in 1946; since then I have been employed as petroleum engineer by Barndall Oil Company, Sunray Oil Corporation, and Sunray Mid-Continent Oil Company over a period of seven years. During that time I have resided approximately four years in New Mexico and West Texas.

Q Are you familiar with Mid-Continent's petition in Case Number 913?

A Yes, sir.

(Mid-Continent's Exhibit No. 1
marked for identification.)

Q I hand you what has been marked Exhibit No. 1 and ask you to state what that is and what it is designed to show.

A This is a plat of Sections 11 and 12, Township 21, South, Range 36 East; outlined in red is the proposed 160-acre proration unit of the C. W. Marshall No. 2. Also shown are surrounding gas wells which are producing from the same gas pay as our proposed unit well.

Q This proposed acreage is to be assigned as described to C. W. Marshall Well No. 2?

A Yes, sir.

Q Will you give a brief history of the well?

A The C. W. Marshall No. 2 was completed September 25, 1936, in the Eumont Oil Pool. It is located 660 from the east line, 1980 from the south line of Section 11, Township 21 South, Range 36 East.

Q What do you propose to do with this well?

A We propose to plug back from the Eunice Pool into the Queen or Eumont gas zone.

(Mid-Continent's Exhibit No. 2
marked for identification)

Q I hand you what has been marked Exhibit No. 2 and ask you to state what that is?

A This is a waiver of objection to the proposed unit by Sinclair Oil and Gas Company.

(Mid-Continent's Exhibit No. 3
marked for identification.)

Q I hand you here what has been marked Exhibit No. 3 and ask you to state what that is.

A This is a waiver to objection to the proposed unit by Two-States Oil Company.

(Mid-Continent's Exhibit No. 4
marked for identification.)

Q I hand you Exhibit No. 4. Will you identify it?

A This is a waiver to the objection of the proposed unit by the Texas Company.

MR. WHITE: If no objection, we move the introduction of Exhibits 1 through 4 inclusive.

MR. MACEY: Without objection they will be received.

Q Is the proposed assigned acreage, in your opinion, reasonably

assumed to be productive?

A Yes, sir.

Q What is the basis for that conclusion?

A There are wells on each side of the proposed unit within reasonable distance which, for all purposes, should prove the acreage to be productive.

Q Do your lease agreements provide for pooling without consent of royalty owners?

A No, sir.

Q In your opinion, is it practical to unitize this area or any portion of it with the surrounding tracts?

A No, sir, it isn't, due to the existing spacing and proration unit surrounding the lease and for economic reasons.

Q In your opinion, would the granting of this application cause waste or prejudice correlative rights?

A No, sir.

MR. WHITE: We have no further questions.

MR. MACEY: Any questions of the witness? Mr. Mankin.

CROSS EXAMINATION

By MR. MANKIN:

Q Will the well be completed in only the Queen for gas pay?

A The main producing zone is the Queen. Actually, part of the Seven Rivers and possibly the Yates might be productive in this area. It is pretty hard to tell without running a gamma ray neutron log just where we will perforate.

Q In this same unit area you have a well No. 3 that is presently carried as an oil well?

A Yes.

Q At one time it showed some gas; do you feel that any gas is being produced from the Eumont payout of this well?

A No, sir, not at the time. Possibly at one time a small stringer was productive in it, but at the present time the gas-oil ratio is 1,025 to 1, which is very well within the limits.

Q Would your company be willing to furnish the log that is later run on this well so it may be --

A (Interrupting) Yes, from the C. W. we will run a gamma ray neutron log and furnish that log.

MR. MACEY: Any other questions?

MR. WHITE: We should receive a waiver from Dalport which hasn't come in as yet.

MR. MACEY: If no further questions of the witness, the witness may be excused.

(Witness excused.)

MR. MACEY: Does anyone have anything further? Nothing further. We will take the case under advisement.

* * * * *

C E R T I F I C A T E

I, ADA DEARNLEY, Court Reporter, do hereby certify that the foregoing and attached transcript of proceedings before the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, is a true and correct record to the best of my knowledge, skill and ability.

IN WITNESS WHEREOF I have affixed my hand and notarial seal this 17th day of June, 1955.

Ada Dearnley
Notary Public, Court Reporter

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF THE STATE OF NEW
MEXICO FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 913
Order No. R-674

THE APPLICATION OF SUNRAY MID-
CONTINENT OIL COMPANY FOR AN
ORDER GRANTING APPROVAL OF AN
EXCEPTION PURSUANT TO RULE 5 (a)
OF THE SPECIAL RULES AND REGULATIONS
OF THE EUMONT GAS POOL OF ORDER NO.
R-520 IN ESTABLISHMENT OF A NON-STANDARD
GAS PRORATION UNIT OF 160 CONTIGUOUS ACRES
CONSISTING OF THE E/2 SE/4 OF SECTION 11 AND
THE W/2 SW/4 OF SECTION 12, TOWNSHIP 21 SOUTH,
RANGE 36 EAST, NMPM, LEA COUNTY, NEW
MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a. m. on June 13,
1955 at Santa Fe, New Mexico, before the Oil Conservation Commission,
hereinafter referred to as the "Commission".

NOW, on this 17th day of August, 1955, the Commission,
a quorum being present, having considered the records and testimony adduced,
and being fully advised in the premises,

FINDS:

(1) That due notice of the time and place of hearing and the
purpose thereof having been given as required by law, the Commission has
jurisdiction of this case and the subject matter thereof.

(2) That pursuant to provisions of Rule 5 (a) of the Special
Rules and Regulations of the Eumont Gas Pool of Order No. R-520, the
Commission has power and authority to permit the formation of a gas pro-
ration unit consisting of other than a legal section after notice and hearing
by the Commission.

(3) That applicant, Sunray Mid-Continent Oil Company is the
owner of an oil and gas lease in Lea County, New Mexico the land consist-
ing of other than a legal section, and described as follows, to-wit:

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM
E/2 SE/4 of Section 11
and W/2 SW/4 of Section 12

containing 160 acres, more or less.

Order No. R-674

(4) That applicant, Sunray Mid-Continent Company has a producing well on the aforesaid lease known as the C. W. Marshall Well No. 2, located 1980 feet from the south line and 660 feet from the east line of Section 11, Township 21 South, Range 36 East, NMPM, Lea County, New Mexico.

(5) That the aforesaid well will be recompleted within the vertical and horizontal limits of the Eumont Gas Pool, as said pool is delineated and designated in Order No. R-520.

(6) That it is impractical to pool applicant's said lease with adjoining acreage in the Eumont Gas Pool, and that the owners of adjoining acreage in said area have not objected to the formation of the proposed proration unit of 160 acres.

(7) That unless a proration unit consisting of applicant's aforesaid acreage is permitted, applicant will be deprived of the opportunity to recover its just and equitable share of the natural gas in the Eumont Gas Pool.

(8) That creation of a proration unit consisting of the aforesaid acreage will not cause but will prevent waste, and will protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the application of Sunray Mid-Continent Oil Company for approval of a non-standard proration unit consisting of the following described acreage:

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM
E/2 SE/4 of Section 11
and W/2 SW/4 of Section 12

be and the same is hereby approved, and a proration unit consisting of aforesaid acreage is hereby created.

(2) That applicant's well, C. W. Marshall Well No. 2, located in the NE/4 SE/4 of Section 11, Township 21 South, Range 36 East, NMPM, Lea County, New Mexico, shall be granted an allowable in the proportion that the above described 160 acre unit bears to the standard or orthodox proration unit for said pool, all until further order of the Commission.

DONE at Santa Fe, New Mexico, the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

John F. Simms
JOHN F. SIMMS, Chairman

E. S. Walker
E. S. WALKER, Member

W. B. Macey
W. B. MACEY, Member and Secretary



OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

August 24, 1955

Mr. Neil G. Owens
P.O. Box 830
Midland, Texas

Dear Sir:

We enclose a copy of Order R-674 issued on August 17, 1955, by the Oil Conservation Commission in Case 913, which was heard at the June 13th hearing upon your company's application.

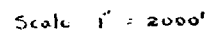
Very truly yours,

W. B. Macey
Secretary - Director

WM:brp
Enclosure

C
O
P
Y

24/5/



Scale 1" = 2000'

Case 913
7 3

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

Gentlemen:

We have been advised that hearing has been set on June 13, 1955 on the application of Mid-Continent Petroleum Corporation (now Sunray Mid-Continent Oil Company) for approval of a non-standard gas proration unit to consist of E/2 S2/4 of Section 11 and the W/2 SW/4 of Section 12, Township 21 South, Range 36 East, NMPM, Lea County, New Mexico (Case 913).

This is to advise that as an offset operator we have no objection to the granting of the above described application.

Very truly yours,

TWC STATES OIL COMPANY

By: J. L. Blair

THE TEXAS COMPANY

TEXACO PETROLEUM PRODUCTS

PRODUCING DEPARTMENT
WEST TEXAS DIVISION



P. O. BOX 1720
FORT WORTH 1, TEXAS

June 8, 1955

Case 913
Eh #4

SUNRAY OIL COMPANY'S REQUEST FOR
NON-STANDARD PRORATION UNIT
Eumont Gas Pool - Case #913

New Mexico Oil Conservation Commission
Box 871
Santa Fe, New Mexico

Attention: Mr. W. B. Macey

Gentlemen;

This is to advise that The Texas Company has been given notice of Sunray Oil Company's application for approval of its request for a non-standard proration unit consisting of the W/2 of SW/4 of Section 12, and the E/2 of SE/4 of Section 11, R-36E, T-21S, Eumont Gas Pool, Lea County, New Mexico.

The Texas Company hereby waives any objection to this application and to the assignment of this acreage to a gas well in the Eumont Pool, provided, no part of this acreage is assigned to an oil well which might be completed in the Eumont Gas Pool.

Yours very truly,

L. W. Folmar

L. W. Folmar
Asst. Division Petroleum Engineer

LWF-MFT

cc-Sunray Oil Company

CASE 913, 743 13 DOCKET

SINCLAIR MID-CONTINENT C W MARSHALL WELL NO 3 NOW CARRIED IN EUMONT POOL
IN SW SW SEC 12 21 S 36 E COMPLETED IN BOTH PERIODS
IF COMPLETED IN PERIODS THIS WOULD BE IMPLICATION OF
WARRANT FOR REQUESTED NON STANDARD UNIT FOR THEIR WELL NO 2

Case 913
Exh #2 RECEIVED

SINCLAIR OIL & GAS COMPANY

FAIR BUILDING

FORT WORTH, TEXAS

P. C. BROOKE
VICE-PRES. & DIVISION MANAGER
FLOYD BREIT
ASSISTANT DIVISION MANAGER

LOREN WARE
DIVISION EXPLORATION SUPT.
J. T. REEVES
DIVISION PRODUCTION SUPT.
R. E. DOSSER
DIVISION GAS & GAS PRODUCTS SUPT.

June 9, 1955

Sunray Mid-Continent Oil Corporation (3)
Box 2039
Tulsa, Oklahoma

Attention: Mr. John D. Gassett

Re: Case 913 on June 13, 1955
Docket of New Mexico Oil
Conservation Commission

Dear Sir:

This is to advise that Sinclair has reviewed your application for a 160 acre nonstandard proration unit in the Eumont Gas Pool. We understand that this unit consists of the W/2 of the SW/4 of Section 12-21S-36E and the E/2 of the SE/4 of Section 11-21S-36E and that this 160 acres is to be assigned to your C. W. Marshall Well No. 2.

Sinclair, as an offset operator, has no objections to the formation of the proposed unit and hereby waives their right to object to said unit's formation.

Yours very truly,

J. T. Reeves
J. T. Reeves
Division Superintendent

JTR:RMA:eh

cc Sunray Mid-Continent Oil Corporation
Box 830, Midland, Texas
Attention: Mr. Ed Pierce

C
O
P
Y

May 23, 1955

Mid-Continent Petroleum Corporation
Box 830
MIDLAND, TEXAS

Attention: Mr. Neil G. Owens

Gentlemen:

Your recent application for approval of a 160-acre non-standard gas proration unit in the Eumont Gas Pool (consisting of E/2 SE/4 Section 11 and W/2 SW/4 Section 12, Twp. 21 South, Rge. 36 East) has been set up as Case 913 and advertised for hearing on June 13, as the attached notice will indicate.

The application for approval of an unorthodox location which you sent at the same time is eligible for administrative approval, and you will be notified of this action after May 26, 1955.

Very truly yours,

W. B. Macey
Secretary - Director

WBM:nr

APPLICATION OF MID-CONTINENT PETROLEUM
CORP. FOR AUTHORIZATION TO FORM AND ESTABLISH
A NON-STANDARD GAS PRORATION UNIT OF 160 CON-
TIGUOUS ACRES CONSISTING OF W/2, SW/4 OF SECTION
12 AND E/2, SE/4 OF SECTION 11, TOWNSHIP 21
SOUTH, RANGE 36 EAST, LEA COUNTY, NEW MEXICO,
IN THE EUMONT GAS POOL

CASE 913

By this application Mid-Continent Petroleum Corp. requests the Oil Conservation Commission to set a date for hearing for this request for exception to Rule 5(a) Order No. R-520 of the Special Rules and Regulations for the Eumont Gas Pool, and for consideration therefor states:

That Mid-Continent Petroleum Corp. is the owner of an oil and gas lease in Lea County, New Mexico, the land consisting of other than a subdivision of a single governmental section and described as follows:

TOWNSHIP 21 SOUTH, RANGE 36 EAST, N.M.P.M.
W/2, SW/4 of Section 12

TOWNSHIP 21 SOUTH, RANGE 36 EAST, N.M.P.M.
E/2, SE/4 of Section 11

containing 160 acres, more or less and may be described as four contiguous quarter-quarter sections in the form of a square.

That Mid-Continent Petroleum Corp. has a well on the aforesaid lease known as the Mid-Continent Petroleum Corp. C. W. Marshall Well No. 2 located 660 feet from the East line and 1980 feet from the South line of Section 11, T-21-S, R36E, said location being 660 feet from the West and North lines of the above described contiguous acreage. That it is proposed to plug back this well, now producing in the Eunice Oil Pool, and recomplete in the Queen zone within the vertical limits of the Eumont Gas Pool.

That an application for an unorthodox location has been filed under Rule 3, Order No. 520 of the Special Rules and Regulations for the Eumont Gas Pool.

That a plat is attached hereto, called EXHIBIT "A", which shows the acreage to be dedicated, the well location, offset gas wells, and offset ownership.

That the aforesaid well is located within the horizontal limits of the pool heretofore delineated and designated as the Eumont Gas Pool.

That it is impractical to pool the aforesaid lease with adjoining acreage due to economic difficulties and the existing spacing and proration units now around this lease.

That all of the acreage in the proposed unit is reasonably presumed to be productive of gas from the Eumont Gas Pool as evidenced by the offset gas wells now producing from said pool.

That unless the proposed unit is authorized for the purpose of gas proration, Mid-Continent Petroleum Corp. will be deprived of the opportunity to recover its just and equitable share of recoverable hydrocarbons in the Eumont Gas Pool.

That the granting of this unit will not adversely affect the correlative rights of any offset owners but will protect the correlative rights of applicant, prevent waste and avoid the drilling of unnecessary wells.

CASE 913 - CONT'D.

That by copy of this application, sent by registered mail, the offset operators and operators owning interests in the sections in which the unit is located have been notified of these intentions. That the mailing list is attached hereto.

MID-CONTINENT PETROLEUM CORPORATION

By: Neil G. Owens
Box 830
Midland, Texas

PLAT AND MAILING LIST ON FILE
OIL CONSERVATION COMMISSION, SANTA FE, N. M.

NEW MEXICO OIL & GAS ENGINEERING COMMITTEE
Hobbs, New Mexico
May 25, 1955

APPLICANT OF MID-CONTINENT PETROLEUM
CORP. FOR AUTHORIZATION TO FORM AND
ESTABLISH A NON-STANDARD GAS PRORATION UNIT
OF 160 CONTIGUOUS ACRES CONSISTING OF
W/2, SW/4 OF SECTION 12 and E/2, SE/4
OF SECTION 11, TOWNSHIP 21 SOUTH, RANGE
36 EAST, LEA COUNTY, NEW MEXICO, IN THE
EUMONT GAS POOL.

By this application Mid-Continent Petroleum Corp. requests the Oil Conservation Commission to set a date for hearing for this request for exception to Rule 5(a) Order No. R-520 of the Special Rules and Regulations for the Eumont Gas Pool, and for consideration therefor states:

That Mid-Continent Petroleum Corp. is the owner of an oil and gas lease in Lea County, New Mexico, the land consisting of other than a subdivision of a single governmental section and described as follows:

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM
W/2, SW/4 of Section 12

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM
E/2, SE/4 of Section 11

containing 160 acres, more or less and may be described as four contiguous quarter-quarter sections in the form of a square.

That Mid-Continent Petroleum Corp. has a well on the aforesaid lease known as the Mid-Continent Petroleum Corp. C. W. Marshall Well No. 2 located 660 feet from the East line and 1980 feet from the South line of Section 11, T-21-S, R36E, said location being 660 feet from the West and North lines of the above described contiguous acreage. That it is proposed to plug back this well, now producing in the Eunice Oil Pool, and recomplete in the Queen zone within the vertical limits of the Eumont Gas Pool.

That an application for an unorthodox location has been filed under Rule 3, Order No. 520 of the Special Rules and Regulations for the Eumont Gas Pool.

That a plat is attached hereto, called EXHIBIT "A", which shows the acreage to be dedicated, the well location, offset gas wells, and offset ownership.

That the aforesaid well is located within the horizontal limits of the pool heretofore delineated and designated as the Eumont Gas Pool.

That it is impractical to pool the aforesaid lease with adjoining acreage due to economic difficulties and the existing spacing and proration units now around this lease.

That all of the acreage in the proposed unit is reasonably presumed to be productive of gas from the Eumont Gas Pool as evidenced by the offset gas wells now producing from said pool.

That unless the proposed unit is authorized for the purpose of gas proration, Mid-Continent Petroleum Corp. will be deprived of the opportunity to recover its just and equitable share of recoverable hydrocarbons in the Eumont Gas Pool.

That the granting of this unit will not adversely affect the correlative rights of any offset owners but will protect the correlative rights of applicant, prevent waste and avoid the drilling of unnecessary wells.

That by copy of this application, sent by registered mail, the offset operators and operators owning interests in the sections in which the unit is located have been notified of these intentions. That the mailing list is attached hereto.

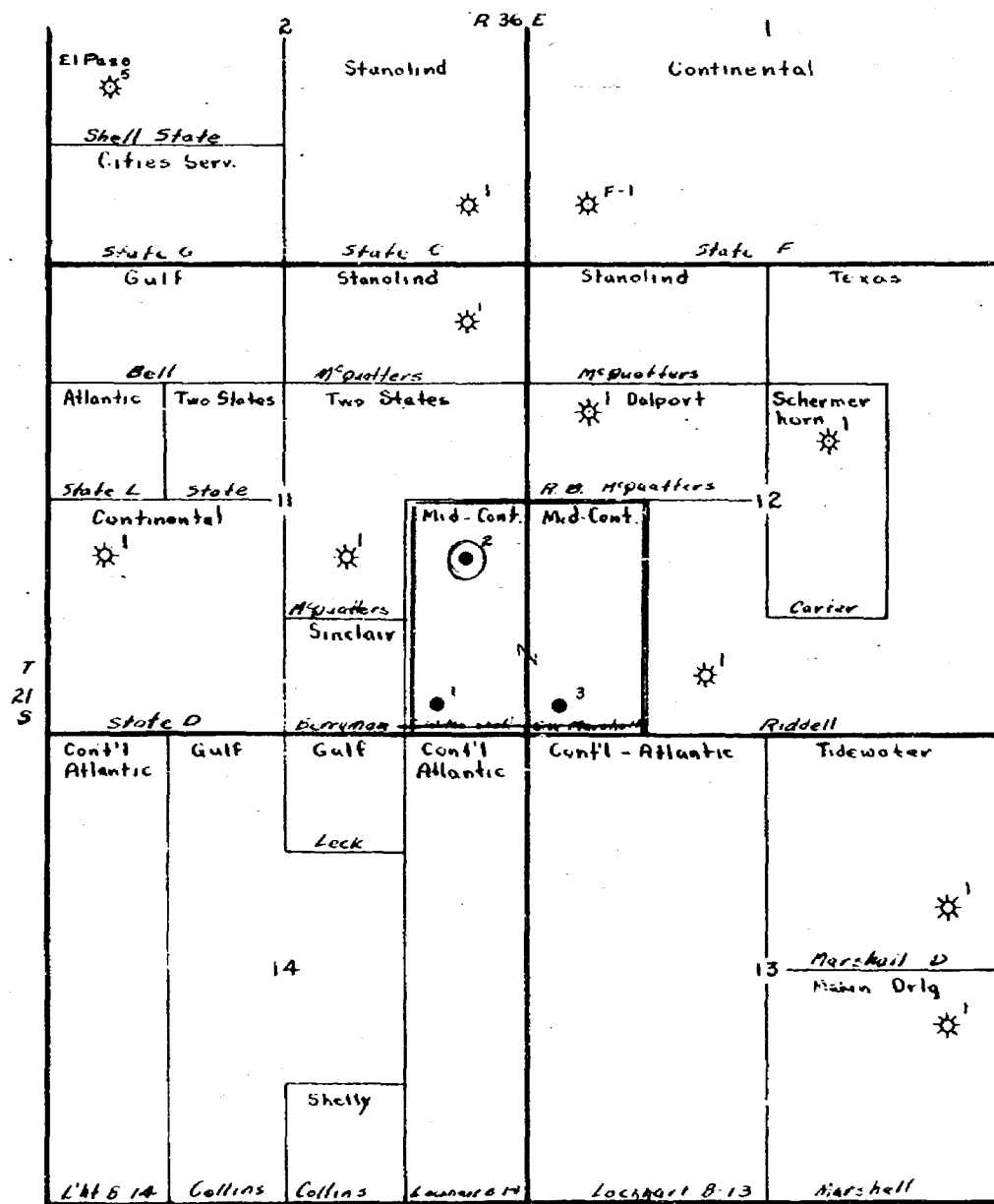
MID-CONTINENT PETROLEUM CORPORATION

By: Neil G. Owens

Neil G. Owens

Box 830

Midland, Texas



Stanolind Oil & Gas Company
Box 68
Hobbs, New Mexico

Two States Oil Company
528 Wilson Building
Dallas, Texas

Continental Oil Company
Box 427
Hobbs, New Mexico

Sinclair Oil & Gas Company
Box 1470
Hobbs, New Mexico

Schermerhorn Oil Corporation
714 First National Bank Building
Tulsa 2, Oklahoma

Mid-Continent Petroleum Corporation
Box 381
Tulsa 2, Oklahoma

The Atlantic Refining Company
Box 871
Midland, Texas

Gulf Oil Corporation
Box 2167
Hobbs, New Mexico

Dalport Oil Corporation
930 Fidelity United Life Building
Dallas, Texas

The Texas Company
Box 1720
Ft. Worth, Texas

<p>Cont'l Atlantic</p> <p>14</p> <p>Shelly</p> <p>Collins</p> <p>Collins</p> <p>Lawrence & W</p>		<p>Gulf</p> <p>Lock</p> <p>Cont'l Atlantic</p> <p>4</p> <p>Lockport B-13</p>		<p>Cont'l - Atlantic</p> <p>1</p> <p>Marshall D</p> <p>Makin Orig</p> <p>(160)</p> <p>NSP-102</p> <p>Marshall</p>	
<p>Cont'l Atlantic</p> <p>1</p> <p>Lock</p> <p>Shelly</p> <p>Collins</p> <p>Collins</p> <p>Lawrence & W</p>		<p>Gulf</p> <p>Lock</p> <p>Cont'l Atlantic</p> <p>4</p> <p>Lockport B-13</p>		<p>Cont'l - Atlantic</p> <p>1</p> <p>Marshall D</p> <p>Makin Orig</p> <p>(160)</p> <p>NSP-102</p> <p>Marshall</p>	
<p>Cont'l Atlantic</p> <p>1</p> <p>Lock</p> <p>Shelly</p> <p>Collins</p> <p>Collins</p> <p>Lawrence & W</p>		<p>Gulf</p> <p>Lock</p> <p>Cont'l Atlantic</p> <p>4</p> <p>Lockport B-13</p>		<p>Cont'l - Atlantic</p> <p>1</p> <p>Marshall D</p> <p>Makin Orig</p> <p>(160)</p> <p>NSP-102</p> <p>Marshall</p>	
<p>Cont'l Atlantic</p> <p>1</p> <p>Lock</p> <p>Shelly</p> <p>Collins</p> <p>Collins</p> <p>Lawrence & W</p>		<p>Gulf</p> <p>Lock</p> <p>Cont'l Atlantic</p> <p>4</p> <p>Lockport B-13</p>		<p>Cont'l - Atlantic</p> <p>1</p> <p>Marshall D</p> <p>Makin Orig</p> <p>(160)</p> <p>NSP-102</p> <p>Marshall</p>	
<p>Cont'l Atlantic</p> <p>1</p> <p>Lock</p> <p>Shelly</p> <p>Collins</p> <p>Collins</p> <p>Lawrence & W</p>		<p>Gulf</p> <p>Lock</p> <p>Cont'l Atlantic</p> <p>4</p> <p>Lockport B-13</p>		<p>Cont'l - Atlantic</p> <p>1</p> <p>Marshall D</p> <p>Makin Orig</p> <p>(160)</p> <p>NSP-102</p> <p>Marshall</p>	

Scale 1" = 2000'