

Charge to the account of **Oil Conservation Commission**

\$

CLASS OF SERVICE DESIRED	
DOMESTIC	CABLE
TELEGRAM	ORDINARY
DAY LETTER	URGENT RATE
SERIAL	DEFERRED
NIGHT LETTER	NIGHT LETTER

Patrons should check class of service desired; otherwise the message will be transmitted as a telegram or ordinary cablegram.

WESTERN UNION

1217

A. N. WILLIAMS
PRESIDENT

CHECK
ACCOUNTING INFORMATION
TIME FILED

Send the following telegram, subject to the terms on back hereof, which are hereby agreed to



Jack Baumel
Railroad Commission of Texas
Austin, Texas

May 20 is agreeable date for joint hearing. Letter follows.

Oil Conservation Commission
R. R. Spurrier
Secretary Director

ALL MESSAGES TAKEN BY THIS COMPANY ARE SUBJECT TO THE FOLLOWING TERMS:

To guard against mistakes or delays, the sender of a message should order it repeated, that is, telegraphed back to the originating office for comparison. For this, one-half the unrepeated message rate is charged in addition. Unless otherwise indicated on its face, this is an unrepeated message and paid for as such, in consideration whereof it is agreed between the sender of the message and this Company as follows:

1. The Company shall not be liable for mistakes or delays in the transmission or delivery, or for non-delivery, of any message received for transmission at the unrepeated-message rate beyond the sum of five hundred dollars; nor for mistakes or delays in the transmission or delivery, or for non-delivery, of any message received for transmission at the repeated-message rate beyond the sum of five thousand dollars, unless specially valued; nor in any case for delays arising from unavoidable interruption in the working of its lines.

2. In any event the Company shall not be liable for damages for mistakes or delays in the transmission or delivery, or for the non-delivery, of any message, whether caused by the negligence of its servants or otherwise, beyond the actual loss, not exceeding in any event the sum of five thousand dollars, at which amount the sender of each message represents that the message is valued, unless a greater value is stated in writing by the sender thereof at the time the message is tendered for transmission, and unless the repeated-message rate is paid or agreed to be paid, and an additional charge equal to one-tenth of one per cent of the amount by which such valuation shall exceed five thousand dollars.

3. The Company is hereby made the agent of the sender, without liability, to forward this message over the lines of any other company when necessary to reach its destination.

4. Except as otherwise indicated in connection with the listing of individual places in the filed tariffs of the Company, the amount paid for the transmission of a domestic telegram or an incoming cable or radio message covers its delivery within the following limits: In cities or towns of 5,000 or more inhabitants where the Company has an office which, as shown by the filed tariffs of the Company, is not operated through the agency of a railroad company, within two miles of any open main or branch office of the Company; in cities or towns of 5,000 or more inhabitants where, as shown by the filed tariffs of the Company, the telegraph service is performed through the agency of a railroad company, within one mile of the telegraph office; in cities or towns of less than 5,000 inhabitants in which an office of the Company is located, within one-half mile of the telegraph office. Beyond the limits above specified the Company does not undertake to make delivery, but will endeavor to arrange for delivery as the agent of the sender, with the understanding that the sender authorizes the collection of any additional charge from the addressee and agrees to pay such additional charge if it is not collected from the addressee. There will be no additional charge for deliveries made by telephone within the corporate limits of any city or town in which an office of the Company is located.

5. No responsibility attaches to this Company concerning messages until the same are accepted at one of its transmitting offices; and if a message is sent to such office by one of the Company's messengers, he acts for that purpose as the agent of the sender.

6. The Company will not be liable for damages or statutory penalties in the case of any message except an intrastate message in Texas where the claim is not presented in writing to the Company within sixty days after the message is filed with the Company for transmission, and in the case of an intrastate message in Texas the Company will not be liable for damages or statutory penalties where the claim is not presented in writing to the Company within ninety-five days after the cause of action, if any, shall have accrued; provided, however, that neither of these conditions shall apply to claims for damages or overcharges within the purview of Section 415 of the Communications Act of 1934.

7. It is agreed that in any action by the Company to recover the tolls for any message or messages the prompt and correct transmission and delivery thereof shall be presumed, subject to rebuttal by competent evidence.

8. Special terms governing the transmission of messages according to their classes, as enumerated below, shall apply to messages in each of such respective classes in addition to all the foregoing terms.

9. No employee of the Company is authorized to vary the foregoing.

10-42

CLASSES OF SERVICE

DOMESTIC SERVICES

TELEGRAMS

A full-rate expedited service.

DAY LETTERS

A deferred service at lower than the standard telegram rates.

SERIALS

Messages sent in sections during the same day.

NIGHT LETTERS

Accepted up to 2 A.M. for delivery not earlier than the following morning at rates substantially lower than the standard telegram or day letter rates.

CABLE SERVICES

ORDINARIES

The standard service, at full rates. Code messages, consisting of 5-letter groups only, at a lower rate.

DEFERREDS

Plain-language messages, subject to being deferred in favor of full-rate messages.

NIGHT LETTERS

Overnight plain-language messages.

URGENTS

Messages taking precedence over all other messages except government messages.

LEGAL ADVERTISING

NOTICE OF PUBLIC MEETING
STATE OF NEW MEXICO
CONSERVATION COMMISSION
PUBLIC NOTICE OF JOINT MEETING
THE NEW MEXICO OIL CONSERVATION COMMISSION AND THE TEXAS RAILROAD COMMISSION RELATING TO THE RHODES POOL, LEA COUNTY, NEW MEXICO:

Public notice is hereby given that a joint meeting of the New Mexico Oil Conservation Commission and the Texas Railroad Commission will be held in Santa Fe, New Mexico, at 10:00 o'clock a. m. on the 27th day of May, 1948 for the purpose of considering matters and things relating to the Rhodes Pool, which lies both within Lea County, New Mexico, and Winkler County, Texas, and for the purpose of issuing such orders, field rules and regulations with respect thereto, within the respective jurisdictions of either Commission, as the evidence presented may justify.

Done at Santa Fe, New Mexico this 14 day of May, 1948.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

By **R. R. SPURRIER,**
Secretary.

Pub. May 17, 1948

142

NOTICE OF PUBLICATION
 STATE OF NEW MEXICO
 OIL CONSERVATION COMMISSION
 PUBLIC NOTICE OF JOINT HEARING OF
 THE NEW MEXICO OIL CONSERVATION
 COMMISSION AND THE TEXAS
 RAILROAD COMMISSION RELATING
 TO THE RHOODES POOL, LEA COUNTY,
 NEW MEXICO:
 Public notice is hereby given that a
 joint meeting of the New Mexico Oil Con-
 servation Commission and the Texas Rail-
 road Commission will be held in Santa Fe,
 New Mexico, at 10:00 o'clock a. m. on
 the 17th day of May, 1948 for the purpose
 of considering matters and things relat-
 ing to the Rhoades Pool, which lies both
 within Lea County, New Mexico, and
 Winkler County, Texas, and for the pur-
 pose of issuing such orders, field rules and
 regulations with respect thereto, within
 the respective jurisdictions of either Com-
 mission, as the evidence presented may
 justify.
 Done at Santa Fe, New Mexico this
 14 day of May, 1948.
 STATE OF NEW MEXICO
 OIL CONSERVATION COMMISSION
 By R. R. SPURRIER,
 Secretary.
 Pub. May 17, 1948

Affidavit of Publication

State of New Mexico }
 County of Santa Fe } ss.

I, W. M. Harrison, being first duly sworn,
 declare and say that I am the ~~(manager)~~ (Editor) of the Santa Fe

New Mexican, a daily newspaper, published in the English
 Language, and having a general circulation in the City and County of Santa Fe, State of
 New Mexico, and being a newspaper duly qualified to publish legal notices and adver-
 tisements under the provisions of Chapter 167 of the Session Laws of 1937; that the
 publication, a copy which is hereto attached, was published in said paper ~~once each week~~

for one time ~~consecutive weeks, and on the same day of each week,~~
 in the regular issue of the paper during the time of publication, and that the notice was
 published in the newspaper proper, and not in any supplement, ~~once each week~~ for

one time ~~weeks consecutively, the first~~ publication being on the
17th day of May, 1948, ~~and in the same publication~~

~~the same~~ ~~time~~; that payment
 for said advertisement has been (duly made), or (assessed as court costs); that the
 undersigned has personal knowledge of the matters and things set forth in this affidavit.

PUBLISHER'S BILL
31 lines, one time at \$ 3.10
 _____ lines, _____ times, \$ _____
 Tax \$ _____
 Total \$ 3.10

W. M. Harrison
 Manager
 Subscribed and sworn to before me this 17th
 day of May, A.D., 1948
Anna K. Orinoble
 Notary Public

My Commission expires
June 14, 1949

Received payment,

 By _____

Railroad Commission of Texas

OIL AND GAS DIVISION

COMMISSIONERS
ERNEST O. THOMPSON
CHAIRMAN
WILLIAM J. MURRAY, JR.
OLIN CULBERSON
K. C. MILLER, SECRETARY



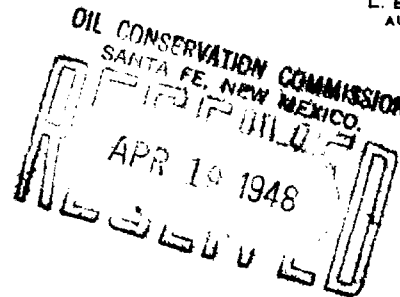
AUSTIN, TEXAS

April 15, 1958

HARRY M. BATIS
CHIEF SUPERVISOR

JACK K. BAUMEL
CHIEF ENGINEER

L. E. DAVIS
AUDITOR



Mr. R. R. Spurrier
Oil Conservation Commission
Box 871
Santa Fe, New Mexico

Dear Mr. Spurrier:

On March 10, 1948, a hearing was held on the application of Ohio Oil Company for a new field allowable, field rules, and a new field designation for wells drilled on what is known as the Ohio Oil Company's W. F. Scarborough Estate, Winkler County, Texas.

The Scarborough Estate No. 1 well is located 540 feet south from the north line, 950 feet northeast at right angles from the southwest line of Section 3, Block C-22, PSL Survey, also 500 feet northwest at right angles from the southeast line of the W. F. Scarborough Lease. Wells drilled on this lease are offsetting wells drilled in what is known as your Rhodes Field, Lee County, New Mexico.

Since Ohio Oil Company's wells are offsetting production in New Mexico, the Commission refrained from adopting field rules proposed by Ohio Oil Company which were based on 20-acre spacing of 467 and 933 feet with an allocation formula on a per well basis. Since production on the Texas side and production on the New Mexico side is coming from a common reservoir, it is the Commission's opinion that it would be well for both states to get together and conduct a hearing for the purpose of adopting a common set of field rules that would be applicable to both areas.

With this letter, we are merely bringing this to your attention in the hope that you will present it to your Commission to see whether or not they would be interested in having a hearing called for sometime around the 20th of May in Santa Fe, New Mexico. The Texas Commissioners discussed this matter at a formal conference held March 22, 1948, and requested this Department to ask you if such a hearing could be held. If it is agreeable with you to call the hearing to be held at the time and place above mentioned, we will issue a hearing notice accordingly. Please let us know as soon as you can.

Yours very truly

Jack K. Baumel
Jack K. Baumel
Chief Engineer

JKB-1r

P.S. what I meant is a joint hearing of both states

SKELLY OIL COMPANY

Drawer "D"
Hobbs, New Mexico

142

May 26, 1948

This is to be included in record

Mr. Glenn Staley
Lea County Operators Committee
Hobbs, New Mexico

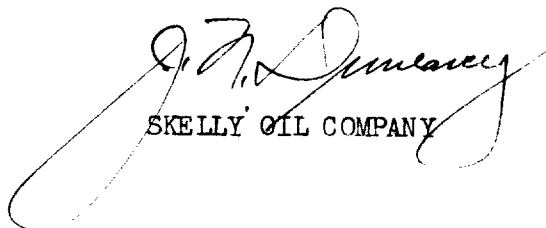
Dear Mr. Staley:

In connection with the joint meeting of the New Mexico Oil Conservation Commission and the Texas Railroad Commission to be held in Santa Fe, New Mexico at 10:00 AM on the 27th day of May, 1948, for the purpose of considering matters and problems relating to the Rhodes Pool of New Mexico and the Scarborough Pool of Texas, to issue orders, rules, and regulations regarding this common reservoir oil pool in two states.

Relative to the rules and regulations governing the operation of this common reservoir of two states, while we do not have any production in the Scarborough Pool and have only a small amount of undrilled acreage in the Rhodes Pool, it would be our suggestion and recommendation that the New Mexico rules and regulations, namely a unit of 40-acres spacing and a top allowable, be continued as is the practice throughout the state. The Scarborough Pool in Texas is on a spacing of 330' from lease line and 660' from offset wells which, in effect, gives to 10-acre spacing and the allowable is on a per well basis of potential.

Since it will not be possible for Skelly Oil Company to be represented at this joint meeting, I should appreciate your conveying to this meeting our opinion relative to the operation of this common reservoir.

Yours very truly,


SKELLY OIL COMPANY

JND:wla

CLASS OF SERVICE
This is a full-rate Telegram or Cablegram unless its deferred character is indicated by a suitable symbol above or preceding the address.

WESTERN UNION

1201

(76)

JOSEPH L. EGAN
PRESIDENT

SYMBOLS
DL = Day Letter
NL = Night Letter
LC = Deferred Cable
NLT = Cable Night Letter
Ship Radiogram

The filing time shown in the date line on telegrams and day letters is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

DVA313 PD=BJ FTWORTH TEX 26 513P

26 PM 6 26

R R SPURRIER:

=NEWMEX OIL CONSERVATION COMM SF=

REGRET I WILL BE UNABLE TO ATTEND JOINT HEARING MAY 27
IF YOU MADE HOTEL RESERVATIONS FOR THE TEXAS CO PLEASE
CANCEL=

P D GROMMON JR. 27.

Case 142

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

CLASS OF SERVICE
This is a full-rate Telegram or Cablegram unless its deferred character is indicated by a suitable symbol above or preceding the address.

WESTERN UNION

JOSEPH L. EGAN
PRESIDENT

1220

SYMBOLS
DL = Day Letter
NL = Night Letter
LC = Deferred Cable
NLT = Cable Night Letter
Ship Radiogram

The filing time shown in the date line on telegrams and day letters is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

DVA371 NL PD=FTWORTH TEX 26

NEW MEXICO OIL CONSERVATION COMMISSION=SF= 26 PM 10 16

REGRET THAT CIRCUMSTANCES PREVENT OUR BEING REPRESENTED AT JOINT HEARING ON RHODES FIELD LEA COUNTY NEW MEXICO AND SCARBOROUGH FIELDS WINKLER COUNTY TEXAS AND REQUEST THAT THIS WIRE BE INCLUDED IN RECORD OF HEARING PERIOD

THE TEXAS COMPANY DRILLED THE DISCOVERY WELL AND OPERATES TWENTY-TWO OF THE FIFTY FOUR OIL PRODUCING WELLS IN THE RHODES FIELD PERIOD WE AND OTHER OPERATORS HAVE DEVELOPED THE RHODES FIELD ON A FORTY ACRE SPACING PLAN WHICH IS THE UNIT OF PRORATION PROBIDED IN ORDER NO 637 PERIOD FIFTY OF THE FIFTY FOUR OIL PRODUCING WELLS IN THIS FIELD ARE LOCATED IN THE CENTER OF REGULAR FORTY ACRE UNITS PERIOD BOTTOM HOLD PRESSURE DATA ON OUR W H RHODES B LEAST APPROXIMATELY ONE HALF MILE NORTH OF THE STATE LINE SHOWS THAT THE ORIGINAL PRESSURES OF WELLS DRILLED FOUR=

END ONE.

637 B..

CLASS OF SERVICE

This is a full-rate Telegram or Cablegram unless its deferred character is indicated by a suitable symbol above or preceding the address.

WESTERN UNION

1220

SYMBOLS

DL = Day Letter

NL = Night Letter

LC = Deferred Cable

NLT = Cable Night Letter

Ship Radiogram

JOSEPH L. EGAN
PRESIDENT

The filing time shown in the date line on telegrams and day letters is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

DVA371 / 2 NL PD= FORTWORTHTEX

NEW MEXICO OIL CONSERVATION COMMISSION SF=

MAY 26 PM 10 16

AND FIVE YEARS AFTER THE FIRST TWO WELLS ON THIS LEASE WERE MUCH LOWER THAN THE ORIGINAL PRESSURES OF THE FIRST WELLS AND WERE IN FACT ONLY SLIGHTLY HIGHER THAN THE THEN CURRENT PRESSURES OF THE OLDER WELLS PERIOD THIS IN OUR OPINION IS PROOF OF A LARGE DRAINAGE AREA FOR WELLS IN THIS FIELD AND SUPPORTS THE FORTY ACRE PRORATION UNIT AND SPACING PROGRAM PERIOD.

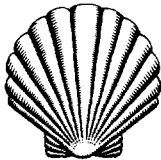
IN VIEW OF THE EXTENSIVE DEVELOPMENT WHICH HAS HERETOFORE BEEN CONDUCTED IN THE RHODES FIELD IN LEA COUNTY NEW MEXICO ON BASIS OF FORTY ACRE PRORATION UNITS AND THE EVIDENCE AVAILABLE FROM PRODUCTION HISTORY OF THESE WELLS THAT SUCH DEVELOPMENT IS EFFICIENT AND AFFORDS PROPER DRAINAGE COMMA WE URGE THAT NO CHANGE BE MADE IN THE SPACING OF WELLS OR ALLOCATION AS PROVIDED IN NEW MEXICO OIL CONSERVATION COMMISSION ORDER NUMBER 634 QUOTE STATEWIDE PRORATION ORDER UNQUOTE=

THE TEXAS CO C B WILLIAMS.

634.

Include in record

142



SHELL OIL COMPANY
INCORPORATED

MIDLAND AREA

MAILING ADDRESS
P. O. BOX 1509
MIDLAND, TEXAS

GENERAL OFFICES
PETROLEUM BUILDING
MIDLAND, TEXAS

May 24, 1948

Mr. Glenn Staley
Lea County Operators Committee
Hobbs, New Mexico

Dear Mr. Staley:

In connection with the joint hearing between the Texas Railroad Commission and the New Mexico Oil Conservation Commission in Santa Fe next Thursday, May 27, we have had some rumors there is a possibility that some operator will request the use of open flow potential as a basis for setting allowables in the Scarborough-Rhodes Field.

Unfortunately, neither Mr. Lovering, District Superintendent at Hobbs, nor myself can be present at Santa Fe next Thursday, and we therefore ask that, should this method of establishing allowables be proposed, you ask for a continuance so as to permit us to study this problem and present our views properly at the following meeting in June.

Yours very truly,

M. C. Brunner,
Area Production Manager

CLASS OF SERVICE DESIRED	
DOMESTIC	CABLE
TELEGRAM	FULL RATE
DAY LETTER	DEFERRED
NIGHT MESSAGE	NIGHT LETTER
NIGHT LETTER	SHIP RADIOGRAM

Patrons should check class of service desired; otherwise message will be transmitted as a full-rate communication.

COPY OF WESTERN UNION TELEGRAM

SANTA FE, N. M. MAY 21, 1948

MR. JACK BAUMEL
RAILROAD COMMISSION OF TEXAS
AUSTIN, TEXAS

YOUR OFFICIAL REPORTER WILL BE VERY WELCOME AT OUR JOINT HEARING.

WE SHALL ALSO HAVE A REPORTER PRESENT.

DICK SPURRIER
OIL CONSERVATION COMMISSION

Rhodes Joint Hearing

OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

18 May 1948

Mr. James D. Smullen
Asst. Attorney General
Austin, Texas

Dear Mr. Smullen:

This will acknowledge your letter of May 11 to G. A. Graham requesting rooms at the La Fonda Hotel for three.

These rooms have been reserved and should you experience any difficulty, please call me at 3052J or 2246.

Very truly yours,

RRS:bsp

C

O

P

Y

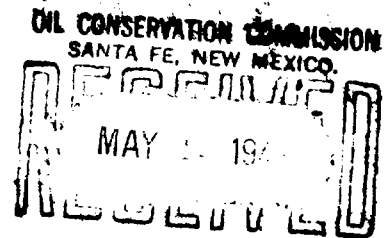


**THE ATTORNEY GENERAL
OF TEXAS**

AUSTIN, TEXAS

May 11, 1948

**PRICE DANIEL
ATTORNEY GENERAL**



Mr. George Graham, Attorney
Oil Conservation Commission
Santa Fe, New Mexico

Dear Mr. Graham:

At the invitation of the Railroad Commission of Texas, the writer expects to attend the joint hearing to be held in Santa Fe on May 27.

Mr. Jack K. Baumel, Chief Engineer of the Texas Commission, suggested that I contact you and indicate hotel rooms that will be needed. I expect to have two members of my family with me and would, therefore, greatly appreciate your reserving a single and a double room. If this should not be possible, I suppose the three of us could crowd into one large room.

*2, 1 scht -
1 lgl*

I shall deeply appreciate your assistance.

Yours very truly

James D. Smullen

James D. Smullen
Assistant Attorney General

JDS:jt

Witto:

*OK
DCK*

Dick

Railroad Commission of Texas

OIL AND GAS DIVISION



AUSTIN, TEXAS

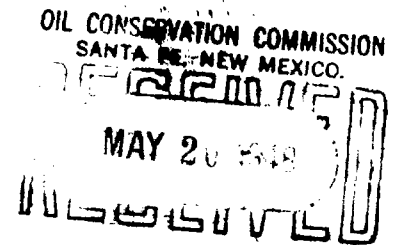
May 18, 1948

COMMISSIONERS
ERNEST O. THOMPSON
CHAIRMAN
WILLIAM J. MURRAY, JR.
OLIN CULBERSON
K. C. MILLER, SECRETARY

HARRY M. BATIS
CHIEF SUPERVISOR

JACK K. BAUMEL
CHIEF ENGINEER

L. E. DAVIS
AUDITOR



Oil Conservation Commission
Santa Fe, New Mexico


Attention of Mr. R. R. Spurrier

Gentlemen:

Attached is a copy of a letter dated May 10 that I wrote to the attention of Mr. George Graham with reference to reservations. To-date, I have not heard from Mr. Graham.

I am wondering if you will please check into the matter and let me know whether we have reservations for the evening of May 26. If you can, wire collect confirming our reservations.

Yours very truly


Jack K. Baumel
Chief Engineer

JKB-lr

Attachment

May 10, 1948

COPY

Oil Conservation Commission
Santa Fe, New Mexico

Attention of Mr. George Graham

Gentlemen:

I want to thank you for your wire of May 4 in which you approved the date of May 27 for the joint hearing on the Rhodes Field, said hearing to be held at 10 a.m., in the Senate Chambers, Santa Fe, New Mexico.

Those attending this hearing from here will be the three Commissioners and their wives, Mr. A. J. Smith, and I.

We plan to arrive in Santa Fe on the evening of May 26. We shall appreciate it greatly if you will obtain reservations for the above mentioned people and then give us a letter confirming said reservations.

Yours very truly

Jack E. Samuel
Chief Engineer

JES-17

ILLEGIBLE

OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

16 May 1948

AIRMAIL

Mr. Jack C. Baumel
Railroad Commission of Texas
Austin, Texas

Dear Jack,

All hotel accommodations which you requested have been reserved.

Looking forward to seeing all of you.

Sincerely,

RRS:bsp

C

O

P

Y

REVIEW OF THE RHODES FIELD, T.26 S., R.37 E., LEA COUNTY, N. M.

LOCATION

The Rhodes field is located in southeastern New Mexico in T.26 S., R.37 E., Lea County. The productive area extends southward to the New Mexico - Texas border. The structure extends into Texas, and there are approximately seven or eight producing wells on the Texas side of the boundary at the present time. The town of Jal, N. M., is eight miles north of the field, and Kermit, Texas, is located about ten miles south.

The New Mexico portion of the Rhodes field is currently defined by the New Mexico Nomenclature Committee and the New Mexico Oil Conservation Commission to include the following area:

Lea County, T.26 S., R.37 E.

All sections 4, 5, 6, S/2 sec. 7,
All sections 8, 9, S/2 section 10,
All sections 15, 16, 17, E/2 and SE/4
section 20. All sections 21, 22, S/2
section 23. All sections 26, 27, 28,
31, and 35.

HISTORY

The field was discovered during November 1927 upon successful completion of The Texas Company et al, W. H. Rhodes No. 1, for an initial production of 300 barrels of oil and 22,500,000 cubic feet of gas per day. This well was located in the SE/4 NE/4 NE/4 section 22, T.26 S., R.37 E., Lea County and was drilled to a total depth of 3,213 feet.

GEOLOGY

The Rhodes field is believed to be a northwest trending anticline about six to eight miles long but stratigraphic conditions are partly responsible for the accumulation. The surface of the field is mantled by caliche and wind-blown sand. Directly below this cover is some 50 feet of buff Tertiary sandstone. Below the Tertiary is 950 feet of red Triassic sandstones and shales. The general stratigraphy is tabulated below.

AGE	FORMATION	THICKNESS	CHARACTER
Recent	Surface	10 to 20 feet	Caliche and sand
Tertiary		50 feet	Buff sandstone
Triassic	Chinle Santa Rosa Tecovas	950 feet	Red sandstone and shale

ILLEGIBLE

AGE	FORMATION	THICKNESS	CHARACTER
Permian	Dewey Lake	150 to 200 feet	Fine red ss. and shale
	Kustler	200 to 300 feet	Anhydrite and red shale
	Salado	1200 to 1500 feet	Anhydrite, red shale & salt
	Lansill	100 feet	Anhydrite and brown dolomitic limestone
	Yates	300 feet	Grey sandstone, brown dolomite and anhydrite. (contains gas and some oil)
	Seven Rivers	400 to 450 feet	Grey dolomitic limestone with thin beds of sandstone. (lower sandstones produce oil)
	Queen	250 feet	Grey dolomitic limestone with sandstone lenses.

The Rhodes field produces from sands in the Yates and Seven Rivers formations, both of Permian age. Production is obtained from an average depth of 3,005 feet and 3,415 feet, respectively. The deepest test in the area was the Midwest Refining Company, Farmacott No. 13, located in the 13 1/2 N/4 34/4 section 14, T.26 N., R.37 W. This well reached a total depth of 3,877 feet.

PRODUCTION

Daily production from the Rhodes field averages about 650 barrels of oil. The cumulative production is in excess of 3,175,000 barrels, up to May 1948. The estimated reserves for the same date are more than 7,835,000 barrels.

There are about 63 wells in the field, of which 43 are oil wells and 20 are gas wells. Some of the wells are marginal and produce mostly gas. About 40 of the oil producers are flowing wells. Only 15 of the gas wells are currently producing.

The oil is of 31 to 40 gravity, is sweet and has a paraffine base. Water is encountered only locally and gives very little trouble. There is no limiting O.G.P. on this pool. Total current allocation is 37,907 barrels to 45 units.

LAND SITUATION

In the Rhodes field approximately 60 percent of the land is Federal acreage, ten percent is State Land, and the remainder is fee land. The principal leaseholders are Amerade, Anderson-Friedland, Krupp Flaherty, Ohio, and The Texas Company. About 2,200 acres are producing oil and 800 acres producing gas. There are approximately 11,000 acres in the pool, as now defined.

PHILIP C. BARRIS, Geologist

ILLEGIBLE