

Case 245  
Well #1,

DELINEATION STUDY OF THE BYERS GAS POOL

## BYERS GAS POOL

In the Hobbs Field Area there are three wells producing dry gas from the Byers Gas Pool. A total of four wells have produced gas from this horizon but at present only three wells are producing with the fourth shut in due to its very low capacity. An attached tabulation shows the well locations and producing interval.

The Byers Sand is a member of the Queen formation, Whitehorse group of the Permian system. The Byers Sand (sometimes known as the Big Gas Sand) occurs at an approximate depth of 3650 feet and averages about 70 feet in thickness. Other producing horizons in the same area are the Bowers Sand of the Seven Rivers formation which is approximately 500 feet above the top of the Byers, and the Hobbs pay zones (San Andres) which underlie the Byers some 300 feet. The 500 feet separating the Bowers oil reservoir from the Byers Gas reservoir consist predominately of anhydrite. The 300 feet separating the Byers Gas reservoir from the Hobbs oil pay consist of dolomite and sandy dolomitic limestones of Grayburg age - the upper portions of which are impermeable.

The Byers Sand is prevalent over the entire Hobbs structure and during the development of the Hobbs pool it presented blow-out hazards due to its high pressure. Gulf W. Grimes No. 4, Unit C, Section 32-T18S-R38E, the first commercial gas well in the Byers Gas Pool, was plugged back from the Hobbs pay and recompleted as a Byers gas well in the early part of 1941. It had an initial potential of 23.8 million cubic feet of sweet gas per day and a shut in surface pressure of 1700 psi.

The gas produced from this horizon has a negligible hydrogen sulphide content and is considered sweet whereas the gas occurring in the Hobbs pay has a 1.3 per cent H<sub>2</sub>S content. At present the Byers gas production is not accompanied by any liquids but during the early life of the reservoir distillate was produced in small amounts.

The cumulative gas production as of March 1, 1951 was 6,557,730,000 cubic feet and the average daily production was 698 MCF during the last 14 months. A portion of the gas from the field is being sold to the Hobbs Gas System with the remainder being utilized for gas lifting wells in the Hobbs Pool and for domestic lease fuel. No gas is being wasted; the gas employed in gas lifting is later recovered in the Phillips Hobbs Gasoline Plant gas gathering system.

On the basis of the Byers Sand's stratigraphic position, the fact that its gas composition is different from the Hobbs Pay gas, and the absence of associated liquid hydrocarbons, it is proposed that the Byers Sand under the following acreage be defined and designated as a gas pool:

T. 18S, R. 38E                      Sections 29, 30, 31 and 32  
Between the depths of 3500' and 3800'

The proposed gas pool is shown on the attached plat.

Charlotte Yates - Seven Rivers Gas Pool

The pool consists of one completed gas well, Wilson Oil Company No. 2 Charlotte-State, in Unit C of Section 32, Township 20 South, Range 36 East, Lea County, New Mexico. The gas from this well is being produced from the Yates - Seven Rivers formation at a depth of 3850 - 60'. The geological information establishes a definite gas structure, separated from the Wilson Oil Pool by a number of dry holes.

The gas produced from Wilson Oil Company No. 2 Charlotte-State is being used as fuel on pumping engines and heater-treaters on company oil producing leases in the Wilson Pool. The present rate of production is from 3 to 4 MCF per month.

The discovery well was completed on January 8, 1951 at a total depth of 3860'. 7" casing was set at 3788'. The initial rate of production was 2-1/2 MCF of gas per day. However, the gas volume, before killing the well to run casing was 18-1/2 MCF of gas per day.

It is recommended that the South 1/2 of Section 29 and all of Section 32, Township 20 South, Range 36 East, be designated as "Charlotte Yates-Seven Rivers Gas Pool."

WILSON YATES GAS POOL

This pool consists of two wells, Wilson Oil Company State No. 31 in Unit J, Section 24, Township 21 South, Range 34 East, and Wilson Oil Company State No. 20 in Unit B, Section 23, Township 21 South, Range 34 East, Lea County, New Mexico.

The gas is being produced from the Yates sand section. None of this gas is being sold commercially, but has been used for fuel for lease purposes. At the present time, the wells are shut in.

Wilson Oil Company, State No. 20:

Well was completed February 2, 1947. It was drilled to total depth 3865' and was plugged back to 3680' with perforation from 3522' - 45' and 3572' - 95'. 7" casing was set at 3716'. Initial potential flow 880 MCF per day.

Wilson Oil Company, State No. 31:

Well was completed February 16, 1949. It was drilled to 3803' and plugged back to 3660'. Interval perforated from 3527 - 35', 3545 - 57', and 3610 - 25'. 7" casing set at 3674'. Initial potential flow 200 MCF per day.

It is recommended that the East 1/2 of Section 23 and all of Section 24 be set out as the Wilson Yates Gas Pool.

Case 245

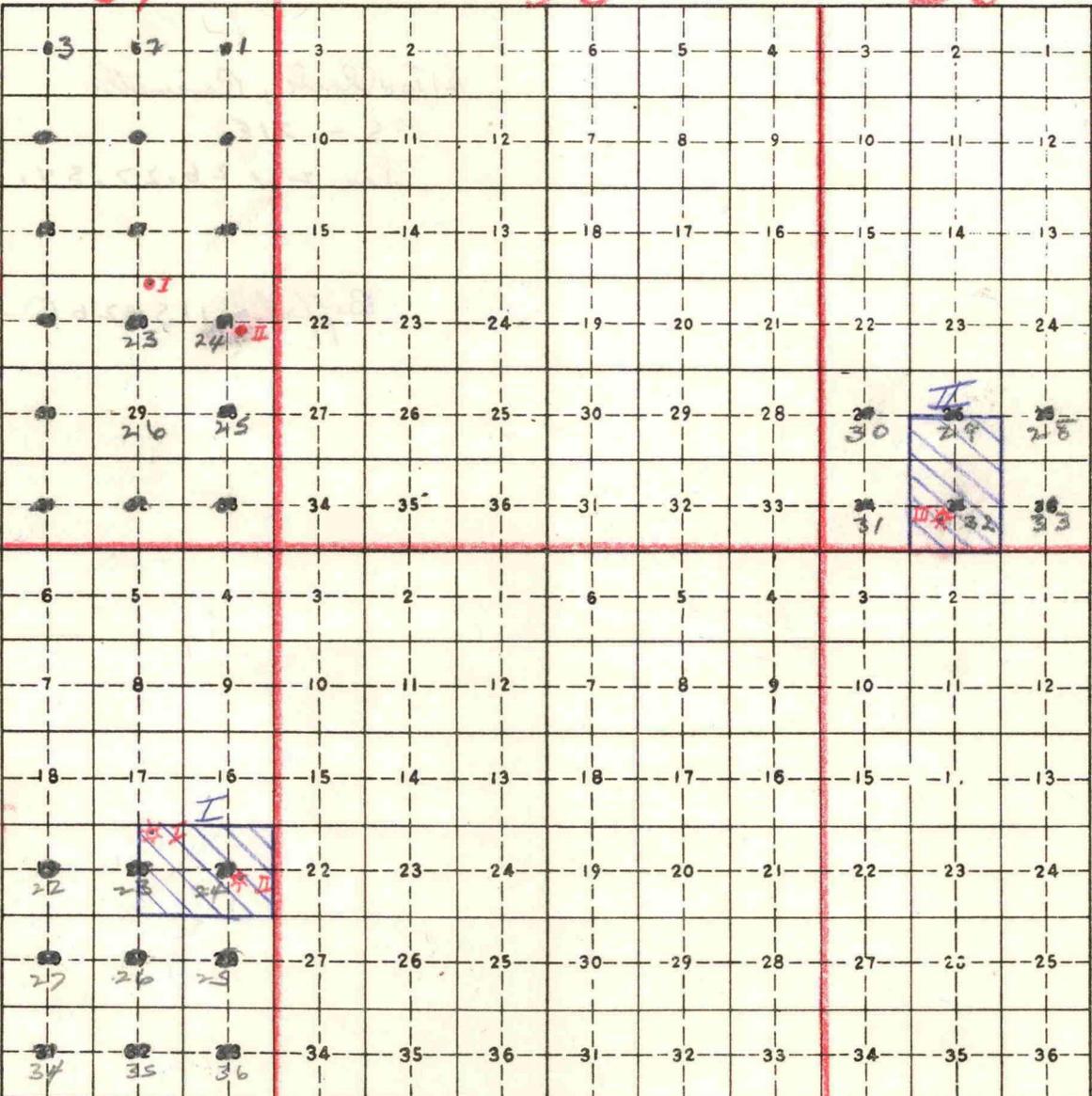
Lew. COUNTY

N.M.P.M. BASE AND MERIDIAN

RANGE 34 RANGE 35 RANGE 36

TWP. 20S

TWP. 21S



- I Wilson State # 20
- II " " # 31
- III Charlotte-Churchatter State # 2
-  Wilson-Yates Gas Pool (Recommended)
-  Charlotte-Yates-Seven Rivers Gas Pool (Recommended)

Case 242

Silver

23N-17E

Sec 1. SE NW, E/2 SW/4, SWSE.

COUNTY

24W-17E

BASE AND MERIDIAN

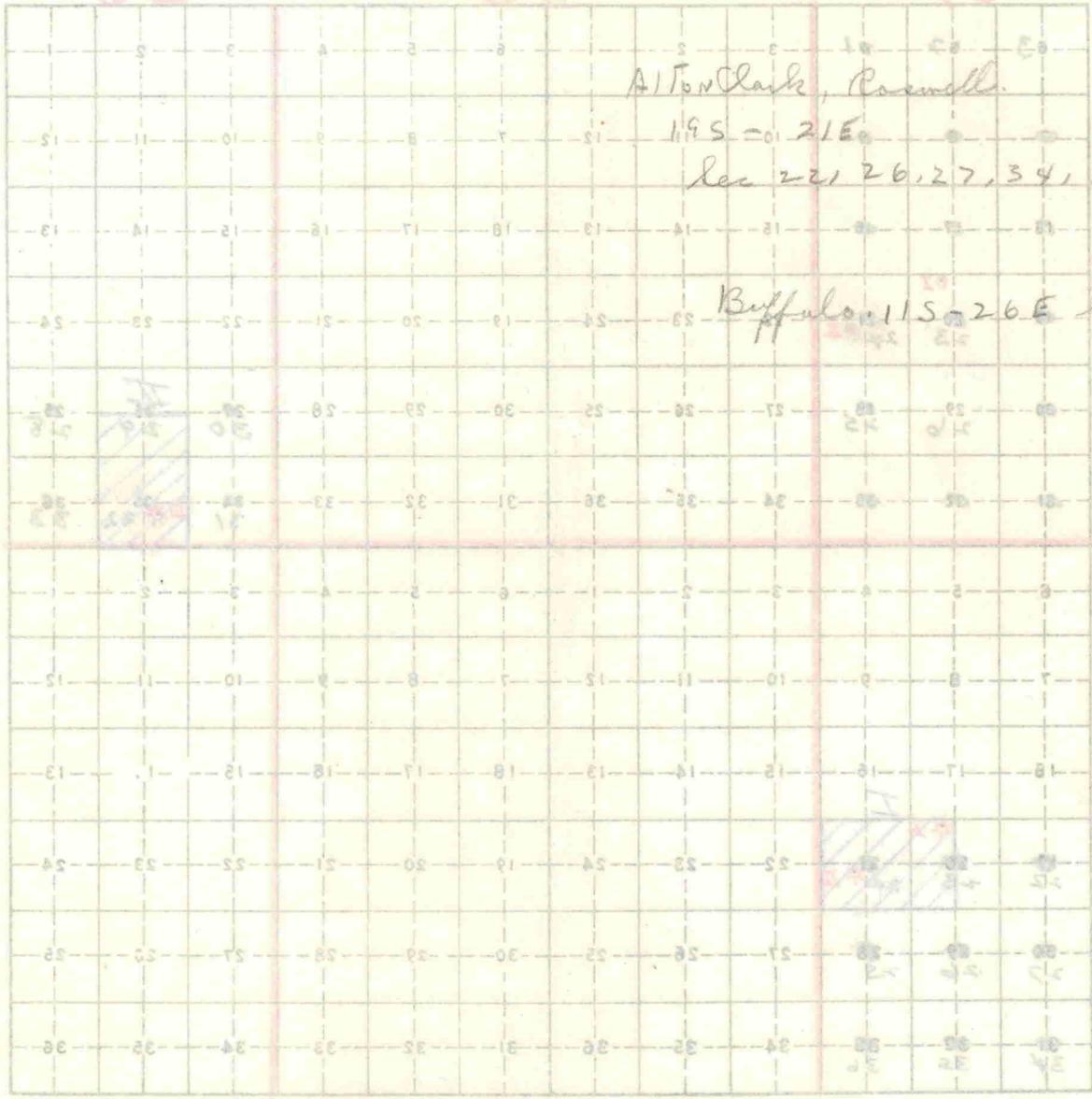
Sec. 29 Lots 1, 2

" 33 " 1, 2, 3, 4, 5, 6.

395, 22

RANGE

RANGE

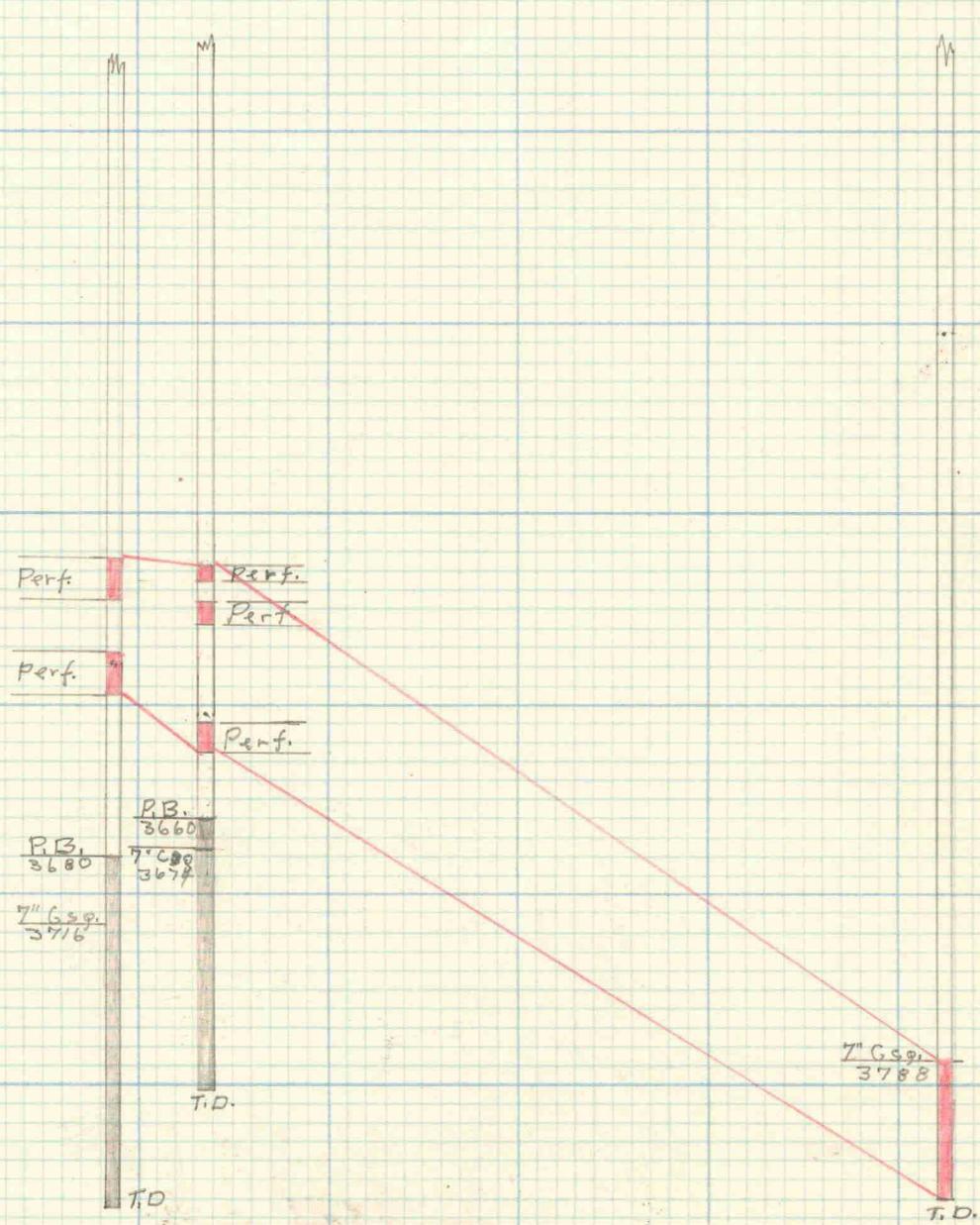


TWP 202  
Sec 34, 35  
(3201)

TWP 212

- I Wilson - Yates
- II
- III
- IV
- V
- VI
- VII
- VIII
- IX
- X
- XI
- XII
- XIII
- XIV
- XV
- XVI
- XVII
- XVIII
- XIX
- XX
- XXI
- XXII
- XXIII
- XXIV
- XXV
- XXVI
- XXVII
- XXVIII
- XXIX
- XXX

3500  
3600  
3700  
3800  
3900



2500-2600

SCALE  $\frac{1}{2}$  = 1 mi. CROSS SECTION E+W.  
■ Producing ZONES



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

P. O. Box 997  
Roswell, New Mexico

December 19, 1950

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

Dear Mr. Spurrier:

Reference is made to Case 245 in the matter of the motion by the Oil Conservation Oil Commission to designate, name, define and extend or delete the gas pools in Lea, Eddy and Chaves Counties, New Mexico. By a notice to all gas producers dated December 1, 1950, you advised that Case 245 will involve the naming of gas pools in Tps. 24, 25 and 26 S., Rs. 36, 37 and 38 E., N.M.P.M., Lea County, New Mexico.

I am aware of the efforts being made by operators of federal oil and gas leases within the above-described area in Lea County, New Mexico to formulate opinions with respect to the location and extent of gas pools in that area, and that the information compiled to date is insufficient for the formulation of definite opinions or recommendations to the Commission for the naming and defining of gas pools. In view of the federal interest involved, this office desires to review the findings of the operators prior to their final recommendations to the Commission. This action has not yet been taken.

Accordingly, it is respectfully requested that the hearing on Case 245 be continued to a later date so that the recommendations of federal lease operators may be properly and completely considered prior to final action of the Oil Conservation Commission.

Very truly yours,

Foster Morrell  
Oil and Gas Supervisor  
Southwestern Region

NEW MEXICO  
OIL CONSERVATION COMMISSION

P. O. Box 871  
Santa Fe, New Mexico

December 1, 1950

TO ALL GAS PRODUCERS:

Re: Townships 24, 25, 26 South  
Ranges 36, 37, 38 East, N.M.P.M.,  
Lea County, New Mexico

Gentlemen:

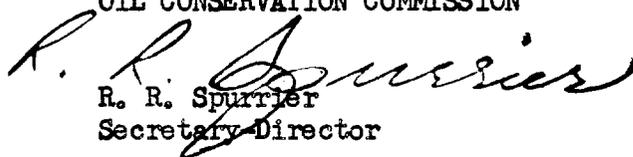
Case 245, recently advertised to be heard on December 22, 1950, will involve the naming of gas pools in the above designated townships.

Interested operators are requested to be present at the hearing on December 22, to make recommendations to the Commission so that the Commission may determine the vertical and horizontal extent of the gas pools in the area.

If insufficient information is available on December 22, the hearing will be continued to a later date so that this material may be properly and completely compiled.

Very truly yours,

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

  
R. R. Spurrier  
Secretary-Director

RRS:bw

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

June 15, 1951

Mr. H. F. Forbes,  
Area Petroleum Engineer of Production  
Continental Oil Company  
1710 Fair Building  
Fort Worth 2, Texas

Dear Henry:

I appreciate the exhibit that you forwarded  
for Case 245 - Gas Pool Delineation.

Thanks very much for your thoughtfulness.

Very truly yours,

R. R. SPURRIER,  
Secretary-Director

RRS/ir

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## CONTINENTAL OIL COMPANY

1710 Fair Building  
Fort Worth 2, Texas  
May 29, 1951

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

Dear Mr. Spurrier:

We understand that you have misplaced one of the exhibits Continental Oil Company presented in connection with Case 245, Gas Pool Delineation, and we are, therefore, attaching a replacement.

Yours very truly,

A handwritten signature in cursive script that reads "H. F. Forbes".

H. F. FORBES  
Area Petroleum Engineer  
of Production  
Fort Worth Area

HFF-LP  
Encl

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

June 8, 1951

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Mr. Raymond Lamb  
Wilson Oil Company  
Carper Building  
Artesia, New Mexico

Dear Raymond:

I have a note on my desk asking that I supply you with the requirements for using gas from a gas well, known as the Charlotte No. 6.

Details in regard to the disposition of this gas are quite meager and I would therefore like to have you give me in writing, where you propose to dispose of this gas and for what purpose. It would be well that we have on our records the pay zone and its relation to the oil pay zone on the Wilson pool, and any other details that you feel are pertinent to the question.

I am sure something reasonable can be worked out after we have received the above requested information.

Regards to you and your family.

Yours very truly,

ELVIS A. UTZ,  
Gas Engineer

EAU/ir

# STANOLIND OIL AND GAS COMPANY

FAIR BUILDING

FORT WORTH, TEXAS

May 21, 1951

C. F. BEDFORD  
DIVISION PRODUCTION SUPERINTENDENT

File: LHB-5425-174

Subject: Designation of Lea County  
Gas Pools

Mr. R. R. Spurrier  
Secretary - Director  
Oil Conservation Commission  
of New Mexico  
Santa Fe, New Mexico

Dear Sir:

This is to advise that we are preparing data for a hearing to designate as a gas pool the reservoir being produced from our State "E"-17 Well, located in Section 1, T-17-S, R-36-E. This well is currently furnishing gas for gas lift purposes for wells in the Lovington Pool.

It is not desired that a hearing be set at this time, in this regard, since it can not be determined exactly when our study will be completed.

The above is furnished for your information in order that you may be advised of our plans in this matter.

Yours very truly,

LHB:hh



SOUTHERN UNION GAS COMPANY  
BURT BUILDING  
DALLAS 1, TEXAS

May 9, 1951

245

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

Gentlemen:

We have been asked by Mr. Glenn Staley, Director, New Mexico Oil and Gas Engineering Committee, Hobbs, New Mexico, to give you our recommendations for designation of gas fields and their boundaries, in the Red Lake Area, Eddy County, New Mexico.

There are two producing gas pools in this area, to my knowledge, each now being operated by Southern Union Gas Company, as storage reservoirs.

Our recommendation for names and areas to be included in the boundaries of these two fields is as follows:

Vandagriff Field

Township 17 South, Range 28 East, N.M.P.M., Section 5, SE $\frac{1}{4}$ , and S $\frac{1}{2}$  of NE $\frac{1}{4}$ , and E $\frac{1}{2}$  of SW $\frac{1}{4}$ , and SE $\frac{1}{4}$  of NW $\frac{1}{4}$ . Section 4, SW $\frac{1}{4}$ , and NW $\frac{1}{4}$ , and NW $\frac{1}{4}$  of SW $\frac{1}{4}$ . Section 8, N $\frac{1}{2}$  of NE $\frac{1}{4}$ .

The producing sand in this field is found at approximately 1350' to 1370'.

Keyes Field

Township 17 South, Range 28 East, N.M.P.M., Section 3, SW $\frac{1}{4}$ , and W $\frac{1}{2}$  of SE $\frac{1}{4}$ . Section 4, SE $\frac{1}{4}$ . Section 9, NE $\frac{1}{4}$ , and NE $\frac{1}{4}$  of SE $\frac{1}{4}$ . Section 10, NW $\frac{1}{4}$ , and W $\frac{1}{2}$  of NE $\frac{1}{4}$ , and N $\frac{1}{2}$  of SW $\frac{1}{4}$ .

The producing sand in this field is found at approximately 1390' to 1417'.

Yours very truly,



E. H. Newman  
Engineer

EHN:ig  
cc: New Mexico Oil & Gas Engineering Committee  
Drawer Eye, Hobbs, New Mexico



SHELL OIL COMPANY

~~REGISTERED~~

*245*

THIS LETTER IS FROM OUR  
FIELD OFFICE

AT Box 1457  
Hobbs, New Mexico

June 1, 1951

Subject: Case No. 245

*Graham  
July 24 hearing  
Reado?*

New Mexico Oil Conservation Commission  
Santa Fe, New Mexico

Gentlemen:

In re Case No. 245 which involves designation of gas pools in Lea, Eddy, and Chaves Counties, the Shell Oil Company is now prepared to present data concerning the Byers Gas Pool producing from about 3650 to 3725 feet in the Queen Formation and located in Sections 29, 30, 31, and 32, T-18-S, R-38-E, Lea County, New Mexico.

Would you please provide for receiving these data on the next docket of hearings which you prepare.

Yours very truly,

C. R. Bickel  
Division Manager

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO.  
RECEIVED  
JUN 20 1951

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

May 7, 1951

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Mr. M. A. Schellhardt  
El Paso Natural Gas Co.  
1901 National Standard Bldg.  
HOUSTON 2 - TEXAS

Dear Mr. Schellhardt:

I have at hand your letter of May 1 inquiring about the Humble and Amesada exhibits on the Elinsbury and Monument-isKee gas pools presented in reference to Case 245. These exhibits were taken to Albuquerque by the reporter, and we have written Mr. Greeson to have these photostated for you in Albuquerque and mailed and mailed to you directly from there, as I believe it would save considerable time. Apparently Mr. Greeson has not had this done yet, and I will therefore check with him when I am in Albuquerque today, in an effort to get these to you as soon as possible. It is my understanding that when you have these, this will be all that you desire in the way of exhibits in this case.

Very truly yours,

Elvis A. Uts

Case 245

# El Paso Natural Gas Company

TENTH FLOOR BASSETT TOWER

El Paso, Texas

ADDRESS REPLY TO.  
1901 NATIONAL STANDARD BLDG.  
HOUSTON 2, TEXAS

May 1, 1951

Mr. R. R. Spurrier  
Director, Oil Conservation Commission  
Box 271  
Santa Fe, New Mexico

Dear Mr. Spurrier:

In compliance with a request made to Mr. Utz several days ago, we received copies of several of the exhibits presented during the hearing held by the Commission on April 24 in Santa Fe on Case 245.

The material was mailed to us by Read and Company of Santa Fe with invoice No. 01368 dated 4/25/51.

The exhibits that we wished to obtain included all of those presented during the recent hearing on Case 245 except those presented by Continental representatives. The copies received included, I believe, all of the exhibits desired except those presented by the Humble and the Amerada representatives, respectively, on the Blinebry and Monument-McKee gas pools.

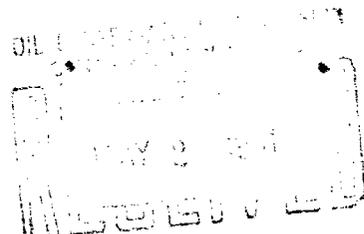
I shall mail a copy of this letter to Read and Company in order that the company will be informed regarding the material previously omitted, when authorized by your office to forward the remainder of the desired exhibits to us.

I wish to express our appreciation for your cooperation and for the assistance of Mr. Utz in obtaining the material requested.

Very truly yours,

  
M. A. Schellhardt

MAS:h  
cc: Read and Company  
123 East Water Street  
Santa Fe, New Mexico



April 30, 1951

Stanolind Oil and Gas Company  
Engineering Department  
Box F  
Hobbs, New Mexico

Gentlemen:

Following the Oil Conservation Commission's request to designate gas pools, the following committee is appointed to recommend to the Oil Conservation Commission pool boundaries and producing horizons in the Lovington Pool area:

Stanolind Oil & Gas Company - Chairman  
Magnolia Petroleum Company

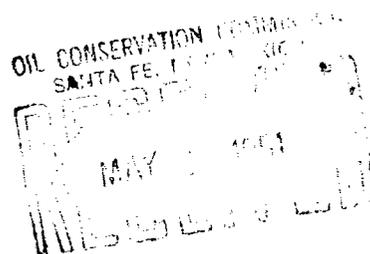
When this data has been compiled, please send a copy of the report to the New Mexico Oil Conservation Commission, Box 871, Santa Fe, and a copy to this office.

Yours very truly,

  
Glenn Staley - Director

GH/m

cc: Magnolia Petroleum Company



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April 30, 1951

Shell Oil Company  
Engineering Department  
Box 1457  
Hobbs, New Mexico

Gentlemen:

At the present time there are a number of wells producing Dry Gas in the Hobbs area.

Following the Oil Conservation Commission's request to designate gas pools, the following committee is appointed to recommend to the Oil Conservation Commission pool boundaries and producing horizons in the Hobbs area:

Shell Oil Company - Chairman  
Gulf Oil Corporation  
Humble Oil and Refining Company  
Standard Oil Company of Texas  
The Texas Company

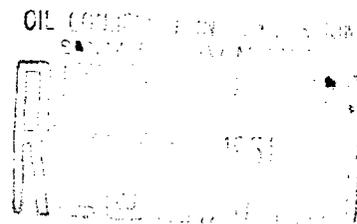
When this data has been compiled, please send a copy of the report to the New Mexico Oil Conservation Commission, Box 671, Santa Fe, and a copy to this office.

Yours very truly,

  
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Glenn Staley - Director

GH/mn

cc: Gulf Oil Corporation  
Humble Oil & Refining Company  
Standard Oil Company of Texas  
The Texas Company



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April 30, 1951

Mr. N. R. Lamb  
Wilson Oil Company  
Box 1436  
Artesia, New Mexico

Dear Raymond:

Following the Oil Conservation Commission's request to designate gas pools, your company is appointed as a committee to recommend to the Oil Conservation Commission pool boundaries and producing horizons in the Wilson area.

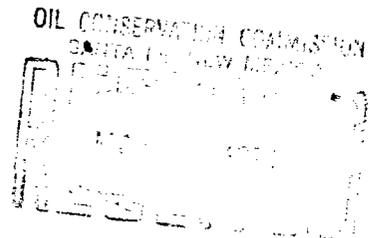
When this data has been compiled, please send a copy of the report to the New Mexico Oil Conservation Commission, Box 871, Santa Fe, and a copy to this office.

Yours very truly,

  
Glenn Staley  
Director

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April 30, 1951

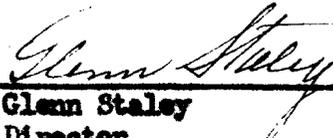
Southern Union Gas Company  
1104 Burt Building  
Dallas, Texas

Gentlemen:

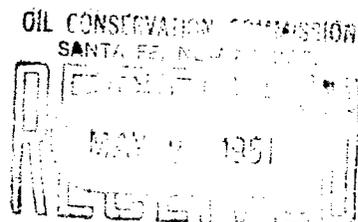
Following the Oil Conservation Commission Request to designate gas pools, your company is appointed as a committee of one to recommend to the Oil Conservation Commission pool boundaries and producing horizons in the Red Lake area.

When this data has been compiled, please send a copy of the report to the New Mexico Oil Conservation Commission, Box 871, Santa Fe, New Mexico and a copy to this office.

Yours very truly,

  
Glenn Staley  
Director

GH/rm



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April 30, 1951

Buffalo Oil Company  
Engineering Department  
203 Carper Building  
Artesia, New Mexico

Gentlemen:

Following the Oil Conservation Commission's request to designate gas pools, the following committee is appointed to recommend to the Oil Conservation Commission pool boundaries and producing horizons in the Maljamar Pool area:

Buffalo Oil Company - Chairman  
Keweenaw Oil Company

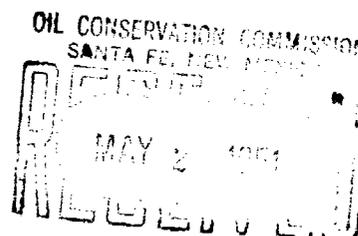
When this data has been compiled, please send a copy of the report to the New Mexico Oil Conservation Commission in Santa Fe, and a copy to this office.

Yours very truly,

  
Glenn Staley - Director

GH/rm

cc: Keweenaw Oil Company



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Case 245

Artesia, New Mexico

April 13, 1951

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

Dear Sir:

As you know various operators in Lea County are preparing information on the gas pools and it is understood that these reports will be furnished the Conservation Commission for consideration at the hearing to be held April 24, 1951. Mr. Glenn Staley has suggested that the Kewanee Oil Company and Buffalo Oil Company cooperate in preparing a report which would furnish data on the gas pool which is referred to in the attached report as the Maljamar Queen Gas Pool. You will find attached hereto this report and we trust that this information will furnish all the data required for the naming of gas pools and defining boundaries.

Respectfully yours,

KEWANEE OIL COMPANY

By R. A. McVee

BUFFALO OIL COMPANY

By Ralph L. Gray  
Asst. Supt.

## MALJAMAR QUEEN GAS POOL

This pool consists of two wells, the Kewanee State O #4, located in the center of SE $\frac{1}{4}$ NW $\frac{1}{4}$  of Sec. 16, T-17-S, R-32-E; and Buffalo Baish B #1, located in the center of NE $\frac{1}{4}$ NW $\frac{1}{4}$  of Sec. 22, T-17-S, R-32-E. The gas is being produced from the Red Sand zone which is found in the top 20' of the Queen formation. The gas is a dry, low B.T.U. content of approximately 500-600 B.T.U. None of this gas is sold commercially, being used only for fuel for lease purposes. There are no other gas wells completed in the immediate area. Following are pertinent data on each well.

### KEWANEE OIL CO. - STATE O #4:

This was completed Dec. 12, 1941. It was drilled to a total Depth of 3760' and plugged back to 3160'. The interval from 3140-60 was shot with 60 qts. of nitroglycerine. 7" O.D. casing was set at 3493' with 100 sacks of cement. The initial production was 30,000 MCF per day. The present casing pressure is approximately 430 psi.

### BUFFALO OIL CO. - BAISH B #1:

The well was completed Dec. 11, 1938. It was drilled to a total depth of 4137', but was found dry in the Maljamar pay. It was subsequently plugged back to 3130'. 7" O.D. casing was cemented at 3600' with 425 sacks. The pipe was shot with nitroglycerine from 3100-30', using 120 qts. Initially, the well produced at the rate of 1-1/2 to 2 million cubic feet per day. Presently, the flowing casing pressure is 430 psi. and it is estimated the well will not produce more than 400 MCF per day.

### PRODUCTION AREA

Attached is a map of a part of the Maljamar Field, showing the estimated productive area of this gas pool. This area comprises all of Sec. 16, the SW $\frac{1}{4}$  and W $\frac{1}{2}$  of SE $\frac{1}{4}$  of Sec. 15, the NE $\frac{1}{4}$  of Sec. 21, the NW $\frac{1}{4}$  and W $\frac{1}{2}$  of the NE $\frac{1}{4}$  of Sec. 22, T-17-S, R-32-E.

In view of the presently small productivity, and the low B.T.U. content, it is believed that little or no further exploitation of this reservoir is anticipated.

*Case 245*

April 25, 1951

Mr. E. E. Greenon  
Box 1302  
Albuquerque, New Mexico

Dear Gen:

Mr. M. A. Shallhardt of El Paso Natural Gas Co. is in need of copies of statements of Humble and Gulf regarding Case 245 as discussed in yesterday's hearing. I believe that he needs these at once, and rather than wait for the transcript to be completed, he asks that your copy be photostated and that he be supplied with the negative. If you can do this at once, and have invoice sent to Mr. Shallhardt (address below) we will be most grateful.

Very truly yours,

Elvis A. Uta

EAU:mf

cc: Mr. M. A. Shallhardt  
El Paso Natural Gas Co.  
1900 National Standard Bldg  
HOUSTON, TEXAS

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# CONTINENTAL OIL COMPANY

Hobbs, New Mexico  
March 5, 1951

New Mexico Oil Conservation Commission  
Box 1545  
Hobbs, New Mexico

Gentlemen:

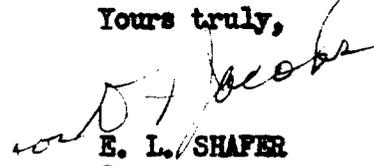
This letter concerns the hearing scheduled for the 20th day of March 1951, regarding the fixing of pool boundaries and the establishment of governing rules and regulations for the dry gas productive pools of New Mexico.

Continental Oil Company, at the December 22, 1950, hearing represented to the Commission that it was conducting an extensive study of the shallow dry gas productive areas of Lea County and requested that the hearing regarding this matter be postponed for 90 days to allow time for completion of the study and preparation of evidence and recommendations for presentation to the Commission. This request was granted and the hearing date was set for March 20, 1951.

It has now become apparent that, due to unforeseen difficulties, Continental Oil Company will not have its evidence and recommendations in presentable form by the March 20th hearing and it is therefore respectfully requested that the hearing be postponed until the April 24th hearing. ←

Representatives of Continental Oil Company will be present at the March 20th hearing, and if the Commission so desires, will be pleased to make a progress report at that time.

Yours truly,



E. L. SHAFER  
Supt., New Mexico District  
West Texas-New Mexico Division  
Production Department

ELS-MFM

CC: Glenn Staley  
N.M. Oil & Gas Engineering  
Committee  
Hobbs, N.M.

January 25, 1951

*April 2, 1951*

Mr. Glenn Staley  
New Mexico Oil & Gas Engineering Committee  
Hobbs, New Mexico

Dear Glenn:

Under separate cover you will receive a map and tabulation of proposed gas pools in southeastern New Mexico.

The Commission respectfully requests the assistance of the Engineering Committee in the preparation of material for the determining of the gas reservoir areas for presentation at the hearings scheduled March 20, 1951.

Very truly yours,

RRS:bpw

Secretary - Director

NEW MEXICO  
OIL CONSERVATION COMMISSION

GOVERNOR THOMAS J. MABRY  
CHAIRMAN  
LAND COMMISSIONER GUY SHEPARD  
MEMBER  
STATE GEOLOGIST R. R. SPURRIER  
SECRETARY AND DIRECTOR



29 11

P. O. BOX 871  
SANTA FE, NEW MEXICO

January 8, 1951

The following material prepared by Mr. R. S. Dewey for Case 245  
has been forwarded to Glenn Staley:

1. Outline map of gas producing areas, T.17 S - T.26 S,  
R.35 E - R.38 E showing dry gas productive wells in  
Lea County, together with index to producing formations.
2. List of gas wells, location, reservoir and operators  
in the following pools:

Hobbs  
Hobbs-Byers  
Hobbs  
Bowers  
Monument Eunice  
So Eunice, Langlie  
Mattix, Penrose-Skelly  
Arrowhead, Cooper-Jal  
Monument, Eunice  
Monument

Monument-McKee  
Drinkard  
Drinkard, Paddock  
Blinbry, Skelly-Penrose  
Langlie-Mattix  
Justis  
Rhodes, Eaves  
Not on Map:  
Wilson  
Lovington  
Maljamar  
Vacuum  
Hightower Permo-  
Pennsylvanian

*A. Estroff*

*Copied*

*W. H. ...  
Ralph W. ...  
Township ...*

New Mexico  
OIL CONSERVATION COMMISSION

GOVERNOR EDWIN L. MECHEM  
CHAIRMAN  
LAND COMMISSIONER E. S. WALKER  
MEMBER  
STATE GEOLOGIST R. R. SPURRIER  
SECRETARY AND DIRECTOR



205 CARPER BUILDING  
*Artesia, New Mexico*  
Apr. 6, 1953

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO.  
RECEIVED  
APR 8 1953

Mr. W. B. Macey,  
Oil Conservation Commission,  
Box 871,  
Santa Fe, New Mexico

RE: Page 9 of Order No. R-264  
Denomination of the Eumont  
Gas Pool

Dear Bill:

Our order recieved in this office reads as follows:  
Township 19S., Range 38E., SE/4 Sec. 13, etc.

In plotting my pool map, I could not make this fit. I called Stanley J. Stanley and their order reads 19S., 36E which fits in OK. I checked with Ralph Gray and their order is the same as ours.

Perhaps this has already been called to your attention, but if not, I thought you would probably want to send out a correction.

Very truly yours,

*L. A. Hanson*

L. A. HANSON

LAH/lp

*W*

CORRECTION

Reference Case 472:

Through typographical error, the copies of the order issued in case 472 (Richardson and Bass - James Ranch Unit Agreement) were sent out showing the wrong order number.

The original signed order in Case 472 properly indicated that Order R-279 was issued to cover. However, the mimeographed version as distributed showed Order R-297. We ask that you please change your order numbers to reflect this correction.

Order R-297, issued in its proper succession to cover Case 308, is currently being distributed.

Reference Case 245:

Please refer to Order R-264 issued in this case which delineated gas pools of southeastern New Mexico.

On Page 9 of the distributed order, Paragraph III (1), in designating the Eumont Gas Pool, reads:

Township 19 South, Range 38 East, NMPM

when it should read:

Township 19 South, Range 36 East, NMPM

We ask that you please change your reference copies to show this correction.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

4-13-1953: Santa Fe, New Mexico