

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

IN THE MATTER OF:

Case No. 1188

December 13, 1956.

DEARNLEY-MEIER AND ASSOCIATES

COURT REPORTERS

605 SIMMS BUILDING

TELEPHONE 3-6691

ALBUQUERQUE, NEW MEXICO

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
December 13, 1956

IN THE MATTER OF:

Southeastern New Mexico nomenclature case calling for the creation of new pools and the extension of and deletion of certain areas from existing pools in Lea, Chaves, Eddy and Roosevelt Counties, New Mexico

(a) Creation of a new oil pool for San Andres production, designated as the West Cave-San Andres, and described as:

Township 17 South, Range 28 East
Section 12: SE/4

(b) Creation of a new oil pool for Pennsylvanian production, designated as the Four Lakes-Pennsylvanian Pool, and described as:

Case 1188

Township 12 South, Range 34 East
Section 1: NW/4
Section 2: NE/4

(c) Creation of a new oil pool for Grayburg production, designated as the West Henshaw-Grayburg pool, and described as:

Township 16 South, Range 30 East
Section 8: SW/4

(d) Creation of a new oil pool for Pennsylvanian production, designated as the Leamex-Pennsylvanian Pool, and described as:

Township 17 South, Range 33 East
Section 23: SW/4

(e) Creation of a new oil pool for Pennsylvanian production, designated as the Milnesand-Pennsylvanian Pool, and described as:

Township 8 South, Range 35 East
Section 18: SW/4

(f) Creation of a new oil pool for Grayburg and San Andres production, designated as the West Square Lake-Grayburg-San Andres Pool, and described as:

Township 16 South, Range 29 East

Section 25: SE/4 SE/4

Section 36: NE/4

Township 16 South, Range 30 East

Section 30: SW/4

(g) Creation of a new gas pool for Pennsylvanian production, designated as the Welch-Pennsylvanian Gas Pool and described as:

Township 26 South, Range 37 East

Section 21: NW/4

(h) Delete from the Blinebry Oil Pool the following:

Township 21 South, Range 37 East

Section 4: Lot 8

(i) Delete from the Blinebry Gas Pool the following:

Township 21 South, Range 37 East

Section 4: Lot 8

(j) Extension of the Terry-Blinebry Pool to include:

Township 21 South, Range 37 East

Section 4: Lot 8

(k) Extension of the Caprock-Queen Pool to include:

Township 14 South, Range 31 East

Section 35: W/2 NW/4

(l) Extension of the Eumont Pool to include:

Township 18 South, Range 37 East

Section 33: N/2

Township 19 South, Range 37 East

Section 22: W/2 NW/4

Township 22 South, Range 37 East

Section 15: N/2 NW/4

(m) Extension of the vertical limits of the Leo Pool to include the Queen formation, and extend the pool boundary to include:

Township 18 South, Range 30 East
Section 26: W/2 NW/4 and NW/4 SW/4
Section 27: E/2 NE/4 and NE/4 SE/4

Case 1188

(n) Extension of the Loco Hills Pool to include:

Township 18 South, Range 29 East
Section 19: NE/4

(o) Extension of the North Mason-Delaware Pool to include:

Township 26 South, Range 31 East
Section 24: E/2

(p) Extension of the vertical limits of the Palmillo Pool to include the Grayburg formation, with the present pool boundary of:

Township 18 South, Range 29 East
Section 30: S/2

(q) Extension of the Red Hills-Yates Pool to include:

Township 19 South, Range 30 East
Section 28: SW/4
Section 29: S/2

BEFORE:

Mr. A. L. Porter
Mr. E. S. (Johnny) Walker

TRANSCRIPT OF PROCEEDINGS

MR. PORTER: We will take up next Case 1188.

MR. GURLEY: Case 1188. Southeastern New Mexico nomenclature case calling for the creation of new pools and the extension of and deletion of certain areas from existing pools in Lea, Chaves, Eddy and Roosevelt Counties, New Mexico.

JOHN W. RUNYAN

a witness, of lawful age, having been first duly sworn on oath, testified as follows:

DIRECT EXAMINATION

By MR. GURLEY:

Q Would you state your name and position, please?

A John W. Runyan, geologist, New Mexico Oil Conservation Commission.

Q Have you appeared before this Commission before?

A Yes, sir, I have.

Q Have you, in your capacity as geologist, had an opportunity to study the creation of a new oil pool for San Andres production, to be designated as the West Cave-San Andres Pool?

A Yes, sir, I have. The cause for this creation is the G. Kelly Stout Superior No. 1 located in Unit J, Section 12, Township 17 South, Range 28 East, completed 8/3/55, in the San Andres, the top of the perforation at 2434.

Q What do you recommend?

A I recommend that this pool be created as advertised.

Q Have you, in your official capacity, had the opportunity to study the creation of a new oil pool for Pennsylvanian production to be designated as the Four Lakes-Pennsylvanian Pool?

A Yes, sir.

Q What are your recommendations?

A I recommend that this pool be created as advertised.

Q Have you likewise had an opportunity to study the proposed creation of a new oil pool for Grayburg production, designated as

the West Henshaw-Grayburg Pool?

A Yes, sir, I have, and I recommend that it be created as advertised.

Q Have you made a study of the proposed creation of the oil pool for Pennsylvanian production to be designated as the Leamex-Pennsylvanian Pool?

A Yes, sir, I have, and I recommend that it be created as advertised.

Q Have you had an opportunity to study the proposed creation of a new oil pool for Pennsylvanian production, designated as the Milnesand-Pennsylvanian Pool?

A Yes, sir, I have, and I recommend that it be created as advertised.

Q Have you likewise studied the proposed creation of a new oil pool for Grayburg and San Andres production to be designated as the West Square Lake-Grayburg-San Andres Pool?

A Yes, sir, I have, but I recommend that this be dismissed. After further study, we find that we can extend existing pools to take in this area.

Q Have you had an opportunity to study the proposed creation of a new gas pool for Pennsylvanian production, designated as the Welch-Pennsylvanian Gas Pool?

A Yes, sir, I have, and I recommend that it be created as advertised.

Q Have you studied the proposed deletion from the Blinebry Oil Pool of the acreage listed in the advertisement?

A Yes, I have, and I recommend that it be deleted as advertised.

Q Have you made a study of the proposed deletion from the Blinebry Gas Pool of the acreage listed in the advertisement?

A Yes, sir, I have, and I recommend that it be deleted as advertised.

Q Have you studied the proposed extension of the Terry-Blinebry Pool?

A Yes, and I recommend it be extended as advertised.

Q Have you made a study of the proposed extension of the Caprock-Queen Pool?

A Yes. I recommend that it be extended as advertised, and also the following unitized portions, being the southeast quarter of the northeast quarter of Section A and the west half and the northeast quarter of Section 20 of Township 14 South, Range 31 East, and the north half of the northeast quarter of Section 31, Township 15 South, Range 31 East.

Q Is that contiguous acreage to the present pool?

A That is correct.

Q Have you made a study of the proposed extension of the Eumont Pool?

A Yes, I have. I recommend that it be extended as advertised and also the following unitized portions, being the northwest quarter of Section 15, the east half of the southeast quarter of Section 27, Township 19 South, Range 37 East, and all of Section 14, Township 20 South, Range 37 East.

Q Is that unitized portion that you have just recommended contiguous acreage to the present limits of the pool?

A Yes.

Q Have you had an opportunity to study the proposed extension of the vertical limits of the Leo Pool to include the Queen formation and the proposed extension of the pool boundary as advertised?

A Yes, I have, I recommend that it be extended as advertised.

Q Have you made a study of the extension of the Loco Hills Pool?

A Yes, sir, I have, and I recommend it be extended as advertised.

Q Have you made a study of the proposed extension of the North Mason-Delaware Pool?

A Yes, and I recommend it be extended as advertised.

Q Have you made a study of the proposed extension of the vertical limits of the Palmillo Pool to include the Grayburg formation, as advertised?

A Yes, I have, and I recommend that it be extended as advertised.

Q Have you in your official capacity made a study of the proposed extension of the Red Hills-Yates Pool?

A Yes, sir, I have, and recommend it be extended as advertised.

Q Do you have the exhibits on which you base your proposals?

A Yes, sir. I wish to submit to the Commission exhibits Nos. A through E and G through Q.

(Exhibits Nos. A through E, and
G through Q marked for identification)

Q Did you prepare these exhibits, or were they prepared under your direction?

A Yes, sir, they were.

MR. GURLEY: I would like to submit at this time the afore-

mentioned exhibits to the Commission.

MR. PORTER: Without objection they will be admitted.

MR. GURLEY: That is all.

MR. PORTER: Anyone have a question? The witness may be excused.

(Witness excused).

MR. PORTER: We will take the case under advisement.

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C E R T I F I C A T E

STATE OF NEW MEXICO)
 : ss
COUNTY OF BERNALILLO)

I, ADA DEARNLEY, Notary Public in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Proceedings before the New Mexico Oil Conservation Commission was reported by me in stencotype and reduced to typewritten transcript under my personal supervision, and that the same is a true and correct record to the best of my knowledge, skill and ability.

WITNESS my Hand and Seal this 31st day of December, 1956, in the City of Albuquerque, County of Bernalillo, State of New Mexico.


Notary Public

My commission expires:

June 19, 1959.