

BEFORE THE
OIL CONSERVATION COMMISSION
HOBBS, NEW MEXICO

IN THE MATTER OF:

Case No. 1639

TRANSCRIPT OF HEARING

APRIL 16, 1959

DEARNLEY - MEIER & ASSOCIATES
GENERAL LAW REPORTERS
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BEFORE THE
OIL CONSERVATION COMMISSION
HOBBS, NEW MEXICO

IN THE MATTER OF:

Case 1639 Southeastern New Mexico nomenclature case
calling for an order creating new pools
and extending existing pools in Lea and
Eddy Counties, New Mexico:

- (a) Create a new oil pool for Tansil
production, designated as the
Custer-Tansil Oil Pool, and
described as:

TOWNSHIP 25 SOUTH, RANGE 36 EAST NMPM
Section 7: NW/4

- (b) Create a new oil pool for Pennsylvanian
production, designated as the East
Hightower-Pennsylvanian Oil Pool, and
described as:

TOWNSHIP 12 SOUTH, RANGE 34 EAST, NMPM
Section 30: NE/4

- (c) Create a new oil pool for Delaware
production, designated as the Querecho
Plains-Delaware Oil Pool, and
described as:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM
Section 25: NW/4

- (d) Create a new oil pool for Abo production,
designated as the West Warren-Abo Oil
Pool, and described as:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
Section 17: SE/4

- (e) Create a new oil pool for Connell pro-
duction, designated as the Warren-Connell
Oil Pool, and described as:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
Section 17: SE/4

- (f) Extend the Atoka Pool to include:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM
Section 13: E/2 NE/4

- (g) Extend the Bishop Canyon-San Andres Pool to include:

TOWNSHIP 18 SOUTH, RANGE 38 EAST, NMPM
Section 10: N/2
Section 11: NW/4

- (h) Extend the Crosby-Devonian Gas Pool to include:

TOWNSHIP 26 SOUTH, RANGE 37 EAST, NMPM
Section 4: NE/4

- (i) Extend the Culwin Pool to include:

TOWNSHIP 19 SOUTH, RANGE 30 EAST, NMPM
Section 1: NE/4

- (j) Extend the Drinkard Pool to include:

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM
Section 17: SW/4

- (k) Extend the Eumont Gas Pool to include:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM
Section 23: N/2
Section 24: SE/4 & N/2

- (l) Extent the Justis Gas Pool to include:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM
Section 13: SE/4

- (m) Extend the Langlie-Mattix Pool to include:

TOWNSHIP 23 SOUTH, RANGE 36 EAST, NMPM
Section 4: NE/4

- (n) Extend the Wilsom Pool to include:

TOWNSHIP 21 SOUTH, RANGE 35 EAST, NMPM
Section 19: E/2
Section 20: SW/4

Hobbs Auditorium
Hobbs, New Mexico
April 16, 1959

BEFORE:

A. L. Porter, Jr.
Murray Morgan
E. S. Walker

TRANSCRIPT OF HEARING

MR. PORTER: The next case to be considered will be
Case 1639.

MR. PAYNE: Case 1639, "Southeastern New Mexico nomenclature
case calling for an order creating new pools and extending existing
pools in Lea and Eddy Counties, New Mexico."

JOHN W. RUNYAN

called as a witness, having first been duly sworn, testified as
follows:

DIRECT EXAMINATION

BY MR. PAYNE:

Q Will the witness please state his name and position?

A John W. Runyan, geologist for the Oil Conservation
Commission.

Q Are you the same John W. Runyan that was sworn and
testified in the case just presented?

A Yes, sir.

Q Mr. Runyan, in your official capacity with the Oil
Conservation Commission, have you had an opportunity to make a
study concerning the necessity or desirability for creating new

pools and extending existing pools in Lea and Eddy Counties, New Mexico?

A Yes, sir.

Q What are your recommendations concerning the creation of a new pool for Tansil production?

A I recommend a new pool be created and called the Custer-Tansil Oil Pool, and this is due to the discovery of the John H. Trigg-Pan American Federal Kelly Number 1 located in Unit C, Section 7, Township 25 South, Range 36 East, completed in the Tansil dolomite January 2nd, 1959; top of the perforations is 3,508 feet, and I recommend that the vertical limits of this pool be the Tansil formation and the horizontal limits, the Northwest quarter of Section 7, Township 25, Range 36.

Q What are your recommendations concerning the creation of a new pool for the Pennsylvanian production?

A I recommend that a new pool be created and called the East Hightower-Pennsylvanian Oil Pool, and this is due to the discovery of the Santiago Oil and Gas Company State Number 1 located in Unit B of Section 30, Township 12, Range 34 East, completed in the Upper Pennsylvanian February 12th, 1959; top of the perforations is 10,218 feet. I recommend that the vertical limits of this pool be the Pennsylvanian Formation and the horizontal limits be the Northeast quarter of Section 30.

Q Township 12 South, Range 34 East?

A Yes, sir.

Q What are your recommendations concerning the creation of a new oil pool for Delaware production?

A I recommend a new pool be created called the Querecho Plains-Delaware Oil Pool, and this is due to the discovery of the Harvey Yates-Sweeney Federal Number 1 located in Unit C of Section 25, 18, 30--Range 32 completed in the Brushy Canyon, member of the Delaware Mountain group, in February 26th, 1959; top of the perforations is 6,860 feet, and I recommend that the vertical limits of this pool be the Delaware Formation and the horizontal limits be the Northwest quarter of Section 25, Township 18 South, Range 32 East.

Q What are your recommendations concerning the creation of a new oil pool for Abo production?

A I recommend a new pool be created and called the Warren-Abo Oil --

Q Pardon me, Mr. Runyan, did you mean the Warren or West Warren?

A West Warren-Abo, and this is due to the discovery of the Amerada Petroleum Corporation-Fred Turner, Junior, Number 1 Well located in Unit M of Section 17, Township 20 South, Range 38 East, and completed in the Abo on December 14th, 1958. Top of the perforations is 7,362 feet, and I recommend that the vertical limits of this pool be the Abo Formation and the horizontal limits the Southwest quarter of Section 17, Township 28, Range 38 East.

Q What are your recommendations concerning the creation of a new oil pool for Connell production?

A I recommend a new pool be created and called the Warren-Connell Oil Pool, which is due to the discovery of the Amerada Petroleum Corporation-Fred Turner, Junior, Number 2 Well located in Unit L of Section 17, Township 20 South, Range 38 East, completed in the Connell formation on December 8, 1958. Top of the perforations is 9,245 feet, I recommend that the vertical limits of this pool be the Connell Formation and the horizontal limits, the Southwest quarter of Section 17, Township 28 South, Range 38 East.

Q What are your recommendations concerning the extension of the Atoka Pool?

A I recommend that the Atoka Pool be extended as shown on Exhibits Number One and Two.

Q Paragraph F of Exhibits One and Two?

A That's correct.

Q What is the reason for this recommendation?

A This is due to one well capable of producing from this pool.

Q What are your recommendations concerning the extension of the Bishop Canyon-San Andres Pool?

A I recommend that this pool be extended as shown in Sections G of Exhibits One and Two, and this is due to one well capable of producing from this pool.

Q What are your recommendations concerning the estension of the Crosby-Devonian Gas Pool?

A I recommend that the Crosby-Devonian Gas Pool be extended as shown in Section H of Exhibits One and Two, and this is due to one well capable of producing from this pool.

Q What are your recommendations concerning the extension of the Culwin Pool?

A I recommend that this pool be extended as shown on Exhibits One and Two, Sections I, and this is due to one well capable of producing from this pool.

Q What are your recommendations concerning the extension of the Drinkard Pool?

A I recommend that this pool be extended as shown on Exhibits One and Two, Sections J, and this is due to one well capable of producing from this pool.

Q What are your recommendations concerning the extension of the Eumont Gas Pool?

A I recommend that this pool be extended as shown on Exhibits Number One and Two on Sections K, and this is due to two wells capable of producing from this pool.

Q What are your recommendations concerning the extension of the Justis Gas Pool?

A I recommend that this pool be extended as shown on Exhibits One and Two, Sections L, and this is due to one well capable of producing from this pool.

Q What are your recommendations concerning the extension of the Langlie-Mattix Pool?

A I recommend that this pool be extended as shown on Exhibits One and Two, Sections M, and this is due to three wells capable of producing from this pool.

Q What are your recommendations concerning the extension of the Wilson Pool?

A I recommend that this pool be extended as shown on Exhibits One and Two, Sections N, and this is due to two wells capable of producing from this pool.

Q Mr. Runyan, have you prepared exhibits substantiating your recommendations?

A Yes sir, I have.

(Thereupon, the documents were marked as Exhibits Number One and Two for identification.)

MR. PAYNE: Mr. Commissioner, I move the introduction of Exhibits One and Two in Case 1639.

MR. PORTER: Without objection, the exhibits will be admitted.

MR. PAYNE: That concluded our case.

MR. PORTER: If there are no questions in the case, we'll take it under advisement.

STATE OF NEW MEXICO)
 : ss
COUNTY OF BERNALILLO)

I, JERRY MARTINEZ, Notary Public in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Hearing were reported by me in Stenotype, and that the same was reduced to typewritten transcript by me and contains a true and correct record of said proceedings, to the best of my knowledge, skill and ability.

DATED this 16th day of May, 1959, in the City of Albuquerque, County of Bernalillo, State of New Mexico.


Notary Public

My Commission Expires:

January 24, 1962