

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 production, 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.

