

BEFORE THE  
OIL CONSERVATION COMMISSION  
FARMINGTON, NEW MEXICO

IN THE MATTER OF:

CASE 1525

TRANSCRIPT OF HEARING

OCTOBER 15, 1958

DEARNLEY - MEIER & ASSOCIATES  
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BEFORE THE  
OIL CONSERVATION COMMISSION  
FARMINGTON, NEW MEXICO  
OCTOBER 15, 1958

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IN THE MATTER OF:

CASE 1525 Southeastern New Mexico nomenclature case calling  
for an order for the creation of new pools and ex-  
tension of existing pools in Lea, Eddy and Chavez  
Counties, New Mexico.

(a) Create a new oil pool for Devonian production,  
designated as the Arkansas Junction-Devonian Pool,  
and described as:

TOWNSHIP 18 SOUTH, RANGE 36 EAST, NMPM  
Section 28: NW/4  
Section 29: NE/4

(b) Create a new oil pool for Grayburg production,  
designated as the East Leo-Grayburg Pool, and des-  
cribed as:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM  
Section 20: SE/4

(c) Create a new gas pool for Pennsylvanian produc-  
tion, designated as the South Salt Lake-Pennsylvan-  
ian Gas Pool, and described as:

TOWNSHIP 20 SOUTH, RANGE 32 EAST, NMPM  
Section 25: SE/4

(d) Extend the Allison-Pennsylvanian Pool to in-  
clude:

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM  
Section 2: NE/4

(e) Extend the Atoka Pool to include:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM  
Section 13: NE/4 SW/4 & NW/4 SE/4

(f) Extend the Caprock-Queen to include:

TOWNSHIP 14 SOUTH, RANGE 31 EAST, NMPM  
Section 4: W/2 NW/4

(g) Extend the South Carter-San Andres Pool to include:

TOWNSHIP 18 SOUTH, RANGE 39 EAST, NMPM  
Section 6: SE/4

(h) Extend the High Lonesome Pool to include:

TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM  
Section 14: N/2  
Section 15: NE/4

(i) Extend the West Henshaw-Grayburg Pool to include:

TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM  
Section 3: Lots 11, 12, & 14

(j) Extend the Jalmat Gas Pool to include:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM  
Section 34: NE/4

(k) Extend the South Paddock Pool to include:

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM  
Section 32: SW/4

(l) Extend the Reeves-Pennsylvanian Pool to include:

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM  
Section 23: SW/4  
Section 26: W/2  
Section 27: S/2

(m) Extend the South Sawyer-San Andres Pool to include:

TOWNSHIP 9 SOUTH, RANGE 38 EAST, NMPM  
Section 31: S/2  
Section 32: S/2

TOWNSHIP 10 SOUTH, RANGE 38 EAST, NMPM  
Section 6: NW/4

- (n) Extend the Square Lake Pool to include:  
TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
Section 15: NW/4
- (o) Extend the Young Pool to include:  
TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM  
Section 8: S/2 SE/4

BEFORE:

Mr. A. L. Porter  
Mr. Murray Morgan

T R A N S C R I P T     O F     P R O C E E D I N G S

MR. PORTER: We will proceed at this time to Case 1525.

MR. PAYNE: Case 1525. Southeastern New Mexico nomenclature case calling for an order for the creation of new pools and extension of existing pools in Lea, Eddy and Chaves Counties, New Mexico.

(Witness sworn)

RANDALL MONTGOMERY,  
called as a witness, having been first duly sworn on oath, testified as follows:

DIRECT EXAMINATION

BY MR. PAYNE:

Q Will the witness please state his name and position?

A Randall Montgomery, proration manager, New Mexico Oil Conservation Commission.

Q Mr. Montgomery, in your official capacity with the Oil

Conservation Commission, have you had an opportunity to make a study concerning the desirability or necessity for the creation of new oil pools and extension of existing pools in Lea, Eddy and Chaves Counties, New Mexico?

A I have.

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

A I recommend that that portion ~~advertised~~ as paragraph (a) for the creation of a new oil pool for Devonian production to be named as the Arkansas Junction-Devonian Pool be created as advertised. The reason for this new Pool is the recent discovery of Texas Pacific Coal & Oil Co. State W #1 in Unit D, Section 28, Township 18 South, Range 36 East, completed in the Devonian 7/11/58; top of perforation at 12,140 feet.

Q What do you recommend as the vertical and horizontal limits?

A The Devonian formation for the vertical limits and the NW/4 of Section 28 and the NE/4 of Section 29, Township 18 South, Range 36 East.

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

A I recommend the pool be created as advertised. The reason for this discovery was the Gulf Oil Corporation Federal Littlefield AA Well #1 located in Unit P of Section 20, Township 18 South, Range 31 East, completed in the Grayburg formation on

5/22/58. Top of perforation was 3,666 feet. The vertical limits of this pool I recommend be the Grayburg formation, the horizontal the SE/4 of Section 20, Township 18 South, Range 31 East, designated as the East Leo-Grayburg Pool.

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

A I recommend that the pool be created as advertised on the basis of the recent discovery of The Texas Co. Audie Richards Well #1 located in Unit P of Section 25, Township 20 South, Range 32 East, completed in the Morrow Sand Pennsylvanian on 1/20/58. The top of perforation was 12,909 feet. We recommend that the vertical limits for this pool be designated as the Pennsylvanian, the Pool to be named the South Salt Lake-Pennsylvanian Gas Pool. The horizontal limits to be the SE/4 of Section 25, Township 20 South, Range 32 East.

Q What are your recommendations concerning extension of the Allison-Pennsylvanian Pool?

A I recommend that that pool be extended as advertised on the basis of one well capable of producing from the Pennsylvanian formation.

Q What are your recommendations concerning extension of Atoka Pool?

A I recommend that pool be extended as advertised on the basis of one well capable of producing.

Q What are your recommendations concerning extension of the

Caprock-Queen?

A I recommend that the Caprock-Queen Pool be extended as advertised on the basis of one well capable of producing from this Pool.

Q What are your recommendations concerning extension of South Carter-San Andres Pool?

A I recommend that that pool be extended as advertised on the basis of one well capable of producing from this Pool.

Q What are your recommendations concerning extension of the High Lonesome Pool?

A I recommend that that pool be extended as advertised on the basis of one well capable of producing from this Pool.

Q What are your recommendations concerning extension of West Henshaw-Grayburg Pool?

A I recommend that that Pool be extended as advertised on the basis of two wells capable of producing from this Pool.

Q What are your recommendations concerning extension of Jalmat Gas Pool?

A I recommend that Pool be extended as advertised on the basis of one well capable of producing from this Pool.

Q What are your recommendations concerning extension of the South Paddock Pool?

A I recommend that the pool be extended as advertised on the basis of one well capable of producing from this Pool.

Q What are your recommendations concerning extension of

Reeves-Pennsylvanian Pool?

A I recommend this Pool be extended as advertised on the basis of one well capable of producing from this Pool.

Q What are your recommendations concerning extension of the South Sawyer-San Andres Pool?

A I recommend that that pool be extended as advertised on the basis of one well capable of producing from this Pool.

Q What are your recommendations concerning extension of Square Lake Pool?

A I recommend that this Pool be extended as advertised on the basis of one well capable of producing from this Pool.

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

A I recommend that Pool be extended as advertised on the basis of one well capable of producing from this Pool.

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

A I have, and I have marked these Exhibits 1 through 16.

MR. PAYNE: Mr. Examiner, I move that Exhibits 1 through 16 in Case 1525 be received in evidence.

MR. PORTER: Without objection, Exhibits 1 through 16 will be received. Anyone have any questions of Mr. Montgomery? The witness may be excused.

(Witness excused)

MR. PORTER: Any statements in the case? Take the case



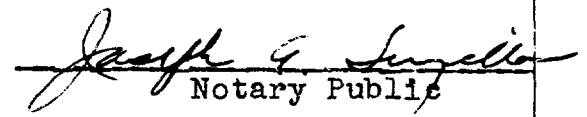
under advisement and take up Case 1526.

C E R T I F I C A T E

STATE OF NEW MEXICO )  
: SS  
COUNTY OF BERNALILLO )

I, J. A. TRUJILLO, 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 stenotype and reduced to typewritten transcript by me and/or 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, the 24<sup>th</sup> day of October 1958, in the City of Albuquerque, County of Bernalillo, State of New Mexico.

  
Notary Public

My Commission Expires:

October 5, 1960.