

BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

IN THE MATTER OF:

CASE 1570

TRANSCRIPT OF HEARING

DECEMBER 17, 1958

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BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
DECEMBER 17, 1958

IN THE MATTER OF:

CASE 1570 Southeastern New Mexico nomenclature case
calling for an order for the creation of
new pools and extension of existing pools
in Lea, Eddy, Chaves, and Roosevelt Coun-
ties, New Mexico.

(a) Create a new oil pool for Abo produc-
tion, designated as the Dayton-Abo Pool, and
described as:

Township 18 South, Range 26 East,
Section 34: NE/4

(b) Create a new oil pool for Devonian
production, designated as the Little Lucky
Lake-Devonian Pool, and described as:

Township 15 South, Range 30 East,
Section 29: NE/4

(c) Create a new oil pool for Pennsylvan-
ian production, designated as the East
Milnesand-Pennsylvanian Pool, and described
as:

Township 8 South, Range 35 East,
Section 12: NW/4

(d) Extend the Empire-Abo Pool to include:
Section 2: SW/4
Section 3: SE/4

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

Township 16 South, Range 30 East,
Section 3: SE/4

(f) Extend the Justis-Blinebry Pool to in-
clude:

Township 25 South, Range 37 East,
Section 13: SW/4

(g) Extend the Justis-Drinkard Pool to include:

Township 25 South, Range 37 East,
Section 13: SW/4
Section 25: NW/4

(h) Extend the Justis-Fusselman Pool to include:

Township 25 South, Range 37 East,
Section 25: NW/4

(i) Extend the King-Wolfcamp Pool to include:

Township 13 South, Range 37 East,
Section 24: SE/4

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

Township 22 South, Range 37 East,
Section 31: SE/4

(k) Extend the Penrose-Skelly Pool to include:

Township 21 South, Range 37 East,
Section 31: W/2 NW/4

(l) Extend the Teas Pool to include:

Township 20 South, Range 34 East,
Section 18: W/2 NW/4

(m) Extend the South Vacuum-Devonian Pool to include:

Township 18 South, Range 35 East,
Section 35: SE/4

(n) Extend the Warren-Blinebry Gas Pool to include:

Township 20 South, Range 38 East,
Section 27: SW/4
:

(o) Extend the Warren-Tubb Gas Pool to include:

Township 20 South, Range 38 East,
Section 27: SW/4
:

BEFORE:

Edwin L. Mechem
Murray Morgan
A. L. Porter

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: Proceed next to Case 1570.

MR. PAYNE: Case 1570. Southeastern New Mexico nomenclature case calling for an order for the creation of new pools and extension of existing pools in Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico.

(Witness sworn)

JOHN W. RUNYAN,

called as a witness, having been first 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 Mr. Runyan, in your official capacity as geologist

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

A Yes, sir, I have.

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

A I recommend that a new pool be created and called the Dayton-Abo Pool, and this is due to the discovery well-E.P.Campbell-Cockerham #1 A in Unit A of Section 34, Township 18 South, Range 26 East, completed in the Abo 9/20/58, and the depth of the casing shoe was 4,205 feet. It is open hole completion.

Q What do you recommend as the vertical limits?

A I recommend the vertical limits be the Abo formation.

Q What are your recommendations as the horizontal limits?

A The horizontal limits I recommend as the SE/4 of Section 34 -- no, the NE/4 of Section 34, sorry.

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

A I recommend a new oil pool be created called the Little Lucky Lake-Devonian Pool, and this is due to the discovery well of The Texas Company-Peery Federal #1 located in Unit G of Section 29, Township 15 South, Range 30 East, completed the 10th, 12/1958, and the top of perforation 11,050 feet.

Q What do you recommend as the vertical limits?

A I recommend that the vertical limits be Devonian formation, and the horizontal limits of the Pool the NE/4 of Section 29.

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

A I recommend that a new oil pool be created and called the East Milnesand-Pennsylvanian Pool. This is due to the discovery of The Texas Company, the R. P. Champeau Federal #1 in Unit E of Section 12, Township 8 South, Range 35 East, completed in the Pennsylvanian 9/23/1958. Top of perforation, 9,237 feet.

Q What do you recommend as the vertical limits?

A I recommend the vertical limits be the Pennsylvanian formation, and the horizontal limits, NW/4 of Section 12.

Q What are your recommendations concerning extension of Empire-Abo Pool?

A I recommend that the Empire-Abo Pool be extended as shown on Exhibit 1, and also an unadvertised portion being the SE/4 of Section 2, Township 18 South, Range 27 East.

Q For what reason do you recommend this extension?

A I recommend this extension due to five wells capable of producing from this pool.

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

A I recommend this Pool be extended as shown on Exhibit 1, due to one well capable of producing from this Pool.

Q What are your recommendations concerning extension of Justis-Blinebry Pool?

A I recommend that this Pool be extended as shown on Exhibit 1 due to one well capable of producing from this Pool.

Q What are your recommendations concerning extension of Justis-Drinkard Pool?

A I recommend that this Pool be extended as shown on Exhibit 1, and also an unadvertised portion being the SE/4 of Section 24, Township 25 South, Range 37 East, and this is due to four wells capable of producing from this Pool.

Q What are your recommendations concerning extension of Justis-Fusselman Pool?

A I recommend this Pool be extended as shown on Exhibit 1 due to two wells capable of producing from this Pool.

Q What are your recommendations concerning extension of the King-Wolfcamp Pool?

A I recommend that this Pool be extended as shown on Exhibit 1 due to one well capable of producing from this Pool.

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

A I recommend that this Pool be extended as shown on Exhibit 1 due to one well capable of producing from this Pool.

Q What are your recommendations concerning extension of the Penrose-Skelly Pool?

A I recommend this Pool be extended as shown on Exhibit 1

due to one well capable of producing from this pool.

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

A I recommend that this Pool be extended as shown on Exhibit 1 due to one well capable of producing from this Pool.

Q What are your recommendations concerning extension of the South Vacuum-Devonian Pool?

A I recommend that this Pool be extended as shown on Exhibit 1, and also an unadvertised portion, being the NE/4 of Section 27, Township 18 South, Range 35 East. This is due to two wells capable of producing from this Pool.

Q What are your recommendations concerning extension of Warren-Blinebry Gas Pool?

A I recommend that this Pool be extended as shown on Exhibit 1 due to one well capable of producing from this Pool.

Q What are your recommendations concerning extension of Warren-Tubb Gas Pool?

A I recommend this Pool be extended as shown on Exhibit 1 due to one well capable of producing from this Pool.

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

A Yes, sir.

Q How are they designated?

A Designated Exhibit No. 1 and Exhibits No. 1-A through 1-0.

MR. PAYNE: Mr. Commissioner, at this time I move for the introduction of Exhibits 1-A through 1-0 in Case 1570.

MR. PORTER: Without objection, the Exhibits will be admitted. Anyone have a question of Mr. Runyan? The witness may be excused.

Take the case under advisement.

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 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 27th day of December
1958, in the City of Albuquerque, County of Bernalillo, State of
New Mexico.

Joseph G. Tuzilla
NOTARY PUBLIC

My Commission Expires:

October 5, 1960