

BEFORE THE  
OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
October 17, 1957.

IN THE MATTER OF:

Case No. 1328

TRANSCRIPT OF PROCEEDINGS

DEARNLEY-MEIER AND ASSOCIATES  
COURT REPORTERS  
605 SIMMS BUILDING  
TELEPHONE 3-6691  
ALBUQUERQUE, NEW MEXICO

BEFORE THE  
OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

October 17, 1957

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IN THE MATTER OF:

Southeastern New Mexico nomenclature case calling  
for an order for the abolishment, deletion and  
extension of existing pools in Lea, Chaves, and  
Eddy Counties, New Mexico.

(a) Abolish the Premier Pool described as:

Case 1328

TOWNSHIP 17 SOUTH, RANGE 30 EAST

Section 22: S/2

Section 23: S/2 & SW/4 NW/4

Section 24: S/2

All of Sections 25, 26, 27, 28, 33,  
34, 35 & 36

TOWNSHIP 17 SOUTH, RANGE 31 EAST

Section 19: S/2

Section 20: S/2

All of Sections 29 & 30

Section 31: N/2

(b) Delete portions of the Square Lake Pool  
described as:

TOWNSHIP 17 SOUTH, RANGE 31 EAST

Section 3: NW/4

Section 4: N/2

Section 5: N/2

Section 6: N/2

(c) Extend the Grayburg-Jackson Pool to include:

TOWNSHIP 17 SOUTH, RANGE 30 EAST

Section 22: S/2

Section 23: S/2

Section 24: S/2

All of Sections 25, 26, 27, 28, 33,  
34, 35, & 36

TOWNSHIP 17 SOUTH, RANGE 31 EAST

Section 3: NW/4  
 Section 4: N/2  
 Section 5: N/2  
 Section 6: N/2  
 Section 19: S/2  
 Section 20: S/2  
 All of Sections 29 & 30  
 Section 31: N/2

- (d) Extend the East Anderson Ranch-Pennsylvanian Pool to include:

TOWNSHIP 16 SOUTH, RANGE 33 EAST

Section 3: Lots 15 & 16, S/2  
 Section 4: E/2 SE/4

- (e) Extend the Artesia Pool to include:

TOWNSHIP 18 SOUTH, RANGE 27 EAST

Section 26: NW/4

- (f) Extend the Atoka-Grayburg Pool to include:

TOWNSHIP 18 SOUTH, RANGE 26 EAST

Section 12: S/2

TOWNSHIP 18 SOUTH, RANGE 27 EAST

Section 7: SW/4

- (g) Extend the Blinobry Gas Pool to include:

TOWNSHIP 22 SOUTH, RANGE 37 EAST

Section 16: SE/4

- (h) Extend the Caprock-Queen Pool to include:

TOWNSHIP 13 SOUTH, RANGE 32 EAST

Section 30: SE/4

TOWNSHIP 14 SOUTH, RANGE 31 EAST

Section 17: NE/4 SW/4

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

TOWNSHIP 15 SOUTH, RANGE 36 EAST

Section 9: SE/4

Section 16: E/2

(j) Extend the Cave Pool to include:

TOWNSHIP 16 SOUTH, RANGE 29 EAST

Section 31: S/2 S/2

Section 33: S/2 & NE/4

TOWNSHIP 17 SOUTH, RANGE 28 EAST

Section 1: NE/4

TOWNSHIP 17 SOUTH, RANGE 29 EAST

Section 6: N/2

(k) Extend the Dayton-San Andres Pool to include:

TOWNSHIP 18 SOUTH, RANGE 26 EAST

Section 27: SE/4 SE/4

Section 34: E/2 NE/4

Section 35: NW/4

(l) Extend the Four Lakes-Pennsylvanian Pool to include:

TOWNSHIP 12 SOUTH, RANGE 34 EAST

Section 2: NW/4

(m) Extend the Gladiola Pool to include:

TOWNSHIP 12 SOUTH, RANGE 37 EAST

Section 13: NE/4

(n) Extend the Gladiola Wolfcamp Pool to include:

TOWNSHIP 12 SOUTH, RANGE 37 EAST

Section 27: E/2

(o) Extend the Grayburg-Keely Pool to include:

TOWNSHIP 17 SOUTH, RANGE 29 EAST

Section 14: S/2 SW/4

(p) Extend the King-Devonian Pool to include:

TOWNSHIP 13 SOUTH, RANGE 37 EAST

Section 26: S/2 SE/4

(q) Extend the North Mason-Delaware Pool to include: )

TOWNSHIP 26 SOUTH, RANGE 32 EAST  
Section 18: S/2 )

(r) Extend the Square Lake Pool to include: )

TOWNSHIP 16 SOUTH, RANGE 30 EAST  
Section 29: NE/4 )

(s) Extend the Teague-Grayburg Pool to include: )

TOWNSHIP 23 SOUTH, RANGE 37 EAST  
Section 21: SW/4 )

(t) Extend the Young Pool to include: )

TOWNSHIP 18 SOUTH, RANGE 32 EAST  
Section 20: S/2 S/2 )

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BEFORE:

Mr. A. L. Porter  
Mr. Murray Morgan  
Governor Edwin L. Mechem

TRANSCRIPT OF PROCEEDINGS

MR. PORTER: Before we go into the next case, which will consume quite a bit of time, 1324, I believe, we are going to take Case 1328, which is the Southeast nomenclature case. After that we'll take a short break, so any of you who are not interested in the nomenclature case may leave.

R A N D O L P H M O N T G O M E R Y

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

DIRECT EXAMINATION

By MR. COOLEY:

Q Would you state your name and position, please?

A Randolph Montgomery, Proration Manager, for the New Mexico Oil Conservation Commission.

Q In your position as the Proration Manager for the Oil Conservation Commission of New Mexico, have you had an opportunity to make a study on the abolishment deletion and extension of certain pools in Lea and Eddy and Chaves Counties, New Mexico?

A I have.

Q Do you have any recommendations concerning the abolishment of the Premier Pool?

A It's my recommendation the Premier Pool be abolished as advertised. The reason for this abolishment being based on the fact the Grayburg-Jackson and Texas Pacific Pools of Eddy County have a common horizontal limit on portions of it and common vertical limits. The purpose of the two pools no longer exists, and they have joined due to drilling. Therefore, I recommend the Premier Pool be abolished as advertised in Paragraph (a).

Q Do you have any recommendations concerning the deletion of certain portions of the Square Lake Pool?

A I recommend the portions as advertised be deleted from the Square Lake Pool; be deleted as advertised, the reason being that this particular area is bordered by the Grayburg-Jackson Pool,

and the fact that the same basic leases are involved in this section, a portion of it being in the Square Lake Pool, and portions in the Grayburg-Jackson, both producing from the same horizon and vertical limits and unnecessary expense is imposed on the operator for maintaining separate tankages on the same basic lease. Therefore, I recommend that portion as advertised in Paragraph (b) be deleted as advertised.

Q Is it your opinion that the portions advertised be deleted from the Square Lake Pool are a part of the same common reservoir as that of the Grayburg-Jackson Pool?

A It is.

Q Do you have any recommendations concerning the extension of the Grayburg-Jackson Pool?

A My recommendations are that the Grayburg-Jackson Pool be extended as advertised in order to take up that area that is abolished from the Premier Pool as advertised in Paragraph (a), the deletion of Square Lake Pool as advertised in Paragraph (b).

Q Do you have any recommendations concerning the extension of the East Anderson Ranch-Pennsylvanian Pool?

A It's my recommendation the East Anderson Ranch-Pennsylvanian Pool be extended as advertised.

Q Do you have any recommendations concerning the extension of the Artesia Pool?

A It's my recommendation that the Artesia Pool be extended

as advertised.

Q Have you any recommendations concerning the extension of the Atoka-Grayburg Pool?

A It's my recommendation the Atoka-Grayburg Pool be extended as advertised.

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

A My recommendation is that the Blinebry Gas Pool be extended as advertised.

Q What are your recommendations concerning the extension of the Caprock-Queen Pool?

A My recommendation is that the Caprock-Queen Pool be extended as advertised. Also the non-advertised portion, being the southeast quarter of the southwest quarter of Section 8, Township 14 South, Range 41 East also be considered for extension in Paragraph (h).

Q Do you have any recommendation concerning the extension of the Caudill-Wolfcamp Pool?

A It's my recommendation the Caudill-Wolfcamp Pool be extended as advertised.

Q Do you have any recommendations concerning the Cave Pool?

A I recommend the Cave Pool be extended as advertised.

Q What are your recommendations - -

A (Interrupting)With theExcuse me, Counsel.

Q Proceed.



A With the unadvertised portion being Section 4, the west half of the northeast quarter of Section 4 in Township 17, South, Range 29 East, which is unadvertised.

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

A My recommendation is that the Dayton-San Andres Pool be extended as advertised.

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

A It is my recommendation that that pool be extended as advertised.

Q Do you have any recommendations concerning the extension of the Gladiola Pool?

A It's my recommendation the Gladiola Pool be extended as advertised, and also in Section 17, the southwest quarter of the southwest quarter of Township 12 South, Range 38 East, which is not advertised.

Q And what are your recommendations concerning the extension of the Gladiola Wolfcamp Pool?

A My recommendation is that the Gladiola Wolfcamp Pool be extended as advertised.

Q Have you any recommendations concerning the extension of the Grayburg-Keely Pool?

A It is my recommendation the Grayburg-Keely Pool be

extended as advertised.

Q What are your recommendations with regard to the King-Devonian Pool?

A That that pool be extended as advertised.

Q What are your recommendations concerning the extension of the North Mason-Delaware Pool?

A That the North Mason-Delaware Pool be extended as advertised.

Q Have you any recommendations with regard to the extension of the Square Lake Pool?

A That that pool be extended as advertised.

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

A That that pool be extended as advertised.

Q Have you any recommendations with regard to the extension of the Young Pool?

A That that pool be extended as advertised, and the northwest quarter of the northwest quarter of Section 16, Township 18 South, Range 32 East, which is unadvertised.

Q Do you have any further recommendations in this case?

A That's all.

Q Have you prepared exhibits to substantiate your recommendations in this case?

A I have.

Q And how are those exhibits identified?

A They are identified by Exhibits A through T.

MR. COOLEY: I move that Exhibits A through T in Case 1328 be received in evidence.

MR. PORTER: Without objection they will be received.  
Anybody have any questions of the witness? Mr. Miller.

CROSS EXAMINATION

By MR. MILLER:

Q Ray Miller, General American Oil Company of Texas, Artesia, New Mexico. Mr. Montgomery, I notice that you extend the Grayburg-Jackson Pool, abolish the Premier Pool, to which General American has no objection. Then you still maintain the Cave Pool as a separate pool for proration purposes. Is it your opinion that perhaps the Cave Pool is common source of supply with portions of the Grayburg-Jackson Pool?

A I have not studied that specific problem for the purposes of this hearing, but I am aware it produces from some of the same horizons as the Grayburg-Jackson.

Q I just wondered if the Commission had any thought of joining the Jackson and Grayburg Pool.

A We have not at this time.

MR. PORTER: Do they have a common boundary?

A I'm not sure. I don't believe they do.

MR. COOLEY: Identical limits?

A No, the Cave Pool, as I recall, just the Grayburg formation, ~~it produces from the Premier pay in the Grayburg, whereas the~~

Grayburg-Jackson, that is Queen-Grayburg-Jackson, and the San Andres.

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

(Witness excused.)

Any further statements or comments in the case? We will take the case under advisement and take a short recess.

(Recess.)

C E R T I F I C A T E

STATE OF NEW MEXICO )  
: ss  
COUNTY OF BERNALILLO )

I, MARIANNA MEIER, 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, 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                      day of November, 1957,  
in the City of Albuquerque, County of Bernalillo, State of New Mexico.

\_\_\_\_\_  
Notary Public

My commission expires:

April 8, 1960.