

BEFORE THE  
**Oil Conservation Commission**  
SANTA FE, NEW MEXICO

IN THE MATTER OF:

CASE NO. 1207

TRANSCRIPT OF PROCEEDINGS

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

BEFORE THE  
OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
February 14, 1957

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IN THE MATTER OF:

Southeastern New Mexico nomenclature case  
calling for the creation of new pools and  
the extension of existing pools in Lea,  
Chaves and Eddy Counties, New Mexico.

(a) Creation of a new gas pool for  
Pennsylvanian production, designated as  
West Anderson Ranch-Pennsylvanian Pool,  
and described as:

Township 16 South, Range 32 East  
Section 6: Lots 11, 12, 13 & 14

(b) Creation of a new oil pool for Gray-  
burg production, designated as the Atoka-  
Grayburg Pool, and described as:

Township 18 South, Range 26 East  
Section 13: NW/4  
Section 14: NE/4

Case No. 1207

(c) Creation of a new oil pool for Queen  
production, designated as the Bishop  
Canyon-Queen Pool, and described as:

Township 18 South, Range 38 East  
Section 11: SE/4

(d) Creation of a new oil pool for Queen  
production, designated as the Hume-Queen  
Pool, and described as:

Township 16 South, Range 34 East  
Section 8: S/2

(e) Creation of a new gas pool for Penn-  
sylvanian production, designated as the  
North Mescalero-Pennsylvanian Pool, and  
described as:

Township 10 South, Range 32 East  
Section 11: SE/4

(f) Creation of a new gas pool for Pennsylvanian production, designated as the Newmill-Pennsylvanian Pool, and described as:

Township 4 South, Range 27 East  
All of Section 20

(g) Creation of a new oil pool for Queen production, designated as the Pearl-Queen Pool, and described as:

Township 19 South, Range 35 East  
Section 27: NE/4

(h) Creation of a new oil pool for Devonian production, designated as the North Shoe-Bar-Devonian Pool, and described as:

Township 16 South, Range 35 East  
Section 15: SE/4

(i) Extension of the Blinebry Oil Pool to include:

Township 22 South, Range 38 East  
Section 32: W/2 NW/4

(j) Extension of the Caprock-Queen Pool to include:

Township 15 South, Range 31 East  
Section 3: W/2 SW/4

(k) Extension of the Caudill-Wolfcamp Pool to include:

Township 15 South, Range 36 East  
Section 9: W/2 NE/4

(l) Extension of the Eumont Pool to include:

Township 20 South, Range 35 East  
Section 11: N/2 NE/4

(m) Extension of the Jalmat Pool to include:

Township 22 South, Range 35 East  
Section 1: E/2 NW/4

(n) Extension of the King-Devonian Pool to include:

Township 14 South, Range 37 East  
Section 2: N/2 NE/4

(o) Extension of the East Turkey Track Pool to include:

Township 19 South, Range 29 East  
Section 12: NW/4

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BEFORE:

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

TRANSCRIPT OF HEARING

MR. PORTER: The next case on the docket is Case 1207.

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

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

DIRECT EXAMINATION

By MR. COOLEY:

Q State your name for the record, please.

A Randall Montgomery.

Q By whom are you employed, and in what capacity?

A New Mexico Oil Conservation Commission, Proration Manager.

Q In your capacity as Proration Manager, for the Oil Conservation Commission, have you had an opportunity to make a study of the Pennsylvanian production in Township 16 South, Range 32 East?

A Yes, I recommend that the pool be created in Section 6, Lots 11, 12, 13, & 14, Township 16 South, Range 32 East. The discovery well was the Continental Oil Company's West Anderson Ranch Unit Well Number 1, located in Lot 11 of Section 6, Township 16 South, Range 32 East. The discovery date was 12/14/54 in the

Pennsylvanian. The top of the perforation is 12,312 feet.

Q Have you also had an opportunity to make a study of the Grayburg in Township 18 South, Range 26 East?

A Yes, I recommend that a new pool be created, to be designated as the Atoka-Grayburg, as advertised in Section (b), being the northwest quarter of Section 13 and northeast quarter of Section 14, Township 18 South, Range 26 East. The discovery well was Jones and MacArthur Leavitt No. 1 in Unit H of Section 14-18-26, completed 7/22/56 in the Grayburg, depth of the casing shoe was 785 feet.

Q Have you had an opportunity to make a study of the Queen production from Township 18 South, Range 38 East?

A Yes, and I recommend that the Bishop Canyon-Queen be created as advertised in Section (c), being the southeast quarter of Section 11. The discovery well was the W. R. Weaver Charlcia Taylor No. 1 in Unit I of Section 11, Township 18 South, Range 38 East, completed in the Queen formation on 12/31/56; the depth of the casing shoe was 4,272 feet.

Q You made a study of the Queen production in Township 16 South, Range 34 East?

A I recommend that Section (d) be created as advertised, being the Hume-Queen Pool; the south half of Section 8, Township 16 South, Range 34 East. The discovery well was the J. Don Hudgens Phillips State No. 1 in Unit O of Section 8, completed in the Queen formation on 11/21/56. The top of the perforation was 3,950 feet.

Q What are your recommendations with respect to Pennsylvanian production in Township 10 South, Range 32 East?

A I recommend that the pool be created as advertised, being the North Mescalero-Pennsylvanian Pool in the southeast quarter of Section 11, Township 10 South, Range 32 East. The discovery well was the Sunray Mid-Continent State "K" No. 1 in Unit O of Section 11; completed on 5/26/56 in the Pennsylvanian; top of the perforation was 10,184 feet.

Q Have you had an opportunity to make a study of the gas production from the Pennsylvanian in Township 4 South, Range 27 East?

A Yes, and I recommend that that pool be created as advertised being the Newmill Pennsylvanian Pool, all of Section 20, Township 4 South, Range 27 East. Discovery well in this field was the Charles P. Miller S. M. State No. 1 in Unit C of Section 20; completed as a gas well in the Pennsylvanian on 9/25/56; top perforation 6,314 feet.

Q Mr. Montgomery, with respect to the last two pools concerning which you have testified being the North-Mescalero-Pennsylvanian and the Newmill Pennsylvanian, you recommend that they be called gas pools, as advertised, be pools -- The practice in the southeast is to call oil pools, pools, and gas pools, gas pools.

A I think that would be an excellent suggestion. I recommend it as such.

Q You make a similar recommendation with respect to the Anderson Ranch Pool?

A I do.

MR. PORTER: In other words, the discovery well in each of those was a gas well?

A That is correct.

Q Mr. Montgomery, have you had an opportunity to make a study of the Queen production in Township 19 South, Range 35 East?

A I have, and I recommend that the pool be created as advertised and also an unadvertised portion, the unadvertised portion being the north half of the southeast quarter and the northeast quarter of Section 27, Township 19 South, Range 35 East; and the discovery well in this field was the Shell Oil Company Hooper No. 1 in Unit G, recompleted in Queen formation on 12/10/56, the top perforation 4,806 feet.

Q Have you had an opportunity to make a study of oil production in the Devonian Formation in Township 16 South, Range 35 East?

A Yes, sir, and I recommend that the pool be created as advertised and be named the North Shoe-Bar-Devonian, the southeast quarter of Section 15, Township 16 South, Range 35 East. The discovery well in the field was Sinclair F. J. Danglade No. 1 in Unit J of Section 15-16-35, completed in the Devonian on 11/10/56; top perforation, 12,638 feet.

Q Do you have a recommendation with respect to the extension of the Blinebry Oil Pool?

A Yes, and I recommend that the pool be extended as advertised.

Q What are your recommendations with respect to the Caprock-Queen Pool?

A I recommend that the pool be extended as advertised.

Q What is your recommendation with respect to the extension

of the Caudill-Wolfcamp?

A I recommend that the field be extended as advertised.

Q What are your recommendations with respect to the Eumont Pool, Eumont Gas Pool?

A Yes, Eumont Gas Pool. I recommend that field be extended as advertised and also an unadvertised portion, being in Township 19 South, Range 37 East; the east half of the northwest quarter and the west half of the southwest quarter of Section 22; the west half of the southwest quarter of Section 26, the west half of the northwest quarter of Section 36 in Township 20 South, Range 35 East. I recommend that the north half of the northeast quarter of Section 25 be extended, and in Township 20 South, Range 35 East, the north half of the southeast quarter of Section 29, along with the advertised portion, being the north half of the northeast quarter of Section 11, Township 20 South, Range 37 East.

Q Do you have any recommendation with respect to the Jaimat Gas Pool.

A I recommend that that pool be extended as advertised.

Q What are your recommendations as concerned with the King-Devonian Pool?

A I recommend that pool be extended as advertised.

Q What are your recommendations with respect to the East Turkey-Track Pool?

A I recommend that pool be extended as advertised.

(Marked Exhibits 1 through 18,  
for identification.)

Q Do you have exhibits from (a) through (U), substantiating

each of the recommended creations and extensions?

A I have marked them 1 through 18.

MR. COOLEY: I would like to offer Exhibits 1 through 18.

MR. PORTER: Without objection they will be admitted. You were through with your questions? Mr. Mankin has a question.

MR. MANKIN: , Was it your recommendation that it be created to read Eumont Gas Pool, and Jalmat Gas Pool?

A Yes.

Q Will you repeat slowly, the unadvertised portion of the Eumont Gas?

A Township 19 South, Range 37 East, the east half of the northwest quarter, the west half of the southwest quarter of Section 22; Section 26, the west half of the southwest quarter; Section 36, the west half of the northwest quarter; Township 20 South, Range 35 East, Section 25, the north half of the northeast quarter in that section. In Township 20 South, Range 36 East, the north half of the northeast quarter of Section 29.

MR. PORTER: Anyone else have a question of Mr. Montgomery? The witness may be excused. We will take the case under advisement.

(Witness excused.)

STATE OF NEW MEXICO )  
                          : SS.  
COUNTY OF BERNALILLO )

I, ADA DEARNLEY, Court Reporter, do hereby certify that the foregoing and attached transcript of proceedings before the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, is a true and correct record to the best of my knowledge, skill and ability.

IN WITNESS WHEREOF I have affixed my hand and notarial seal this 20th day of February, 1957.

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Notary Public, Court Reporter  
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My Commission Expires:  
June 19, 1959

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