

ALBUQUERQUE, NEW MEXICO

IN THE MATTER OF:

Case
2185

Honorable Edwin L. Mechem
Mr. A. L. Porter
Mr. E. W. Walker

MR. PORTER: Case 2185.

MR. MORRIS: Southeastern New Mexico nomenclature case.

(Witnesses sworn.)

ERIC F. ENGBRECHT

a witness, called by and on behalf of the Oil Conservation Commission, was duly sworn, and testified as follows:

DIRECT EXAMINATION

BY MR. PAYNE:

Q Will the witness please state his name and position?

A Eric Engbrecht, Engineer, District No. 1.

Q Engineer for whom?

A New Mexico Oil Conservation Commission.

Q Mr. Engbrecht, in your capacity with the Oil Conservation



Commission have **you** made a study concerning the necessity or desirability for creating new pools and extending certain existing pools in Lea, Eddy, Chaves and Roosevelt Counties?

A I have.

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

A It is recommended that a new oil pool be created and designated the South Denton-Wolfcamp Pool, vertical limits to be the Wolfcamp; horizontal limits to be as shown in Exhibit B. Discovery well, Socony Mobil Oil Company New Mexico "M" No. 1 located in Unit L of Section 36, Township 15 South, Range 37 East completed in the Wolfcamp November 21, 1960. Top of the perforations is at 9488.

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

A It is recommended that a new oil pool be created and designated the Empire-Paddock Pool. Vertical limits to be the Paddock formation, and the horizontal limits to be as shown in Exhibit B. Discovery well, Pan American Petroleum Corporation USA J. H. Harbold No. 1 located in Unit O, Section 34, Township 17 South, Range 27 East, and was completed on November 22, 1960. Top of the perforations is 3075.

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

A It is recommended that a new oil pool be created and



designated the East Gladiola-Devonian Pool. Vertical limits of the pool to be the Devonian formation and horizontal limits as shown in Exhibit C. Discovery well, Continental Oil Company East Gladiola Unit Well No. 1 in Unit N of Section 34, Township 11 South, Range 38 East, completed on November 17, 1960. Top of perforation is at 12,081.

Q What are your recommendations for creation of a new oil pool for San Andres production?

A It is recommended that a new oil pool be created and designated the Hondo-San Andres Pool, vertical limits to be the San Andres formation and horizontal limits to be as shown in Exhibit D. Discovery well, M. R. Voltz Kenneth B. Barbee No. 1, located in Unit I of Section 9, Township 11 South, Range 25 East. It was completed October 20, 1960; top of perforation is at 892 feet.

Q What are your recommendations for the creation of a new oil pool for Wolfcamp production?

A It is recommended that a new oil pool be created and designated as the Loco Hills-Wolfcamp Pool, vertical limits to be the Wolfcamp formation and horizontal limits as shown in Exhibit E. Discovery well, John H. Trigg Federal Sivley Wright No. 1-20 in Unit F of Section 20, Township 18 South, Range 29 East. Completed October 19, 1960. Top of perforation is at 8,685 feet.

Q What are your recommendations concerning the creation of a new oil pool for Bone Springs production?

A It is recommended a new oil pool be created and designated



as the Lusk Bone Springs Pool, vertical limits to be the Bone Springs' formation and the horizontal limits as shown in Exhibit F. Discovery well El Paso Natural Gas Company Lusk Deep Unit Well No. 1 in Unit A of Section 19, Township 19 South, Range 32 East, and was completed on October 26, 1960. Top of perforation is at 8,759 feet.

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

A It is recommended that a new oil pool be created and designated as the Remuda-Wolfcamp Pool, vertical limits to be the Wolfcamp, and the horizontal should be as shown in Exhibit G. Discovery well Texaco, Inc. Remuda Basin Unit Well No. 1 in Unit J of Section 24, Township 23 South, Range 29 East, and was completed December 15, 1960. Top of the perforations is at 11,168 feet.

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

A It is recommended this pool boundary be extended as shown in Paragraph H, Exhibit 1, on the basis of one well completed therein.

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

A It is recommended this pool boundary be extended as shown in Paragraph I, Exhibit 1, on the basis of two wells completed therein.

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



A It is recommended the proposal as shown in Paragraph J, Exhibit 1 be dismissed pending further study.

A You recommend Paragraph J be dismissed?

A Yes, sir.

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

A It is recommended this pool boundary be extended as shown in Paragraph K, Exhibit 1, on the basis of one well completed therein.

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

A It is recommended this pool boundary be extended as shown in Paragraph L, Exhibit 1 on the basis of four wells completed therein.

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

A It is recommended that this pool boundary be extended as shown in Paragraph M, Exhibit 1 on the basis of two wells completed therein.

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

A It is recommended this pool boundary be extended as shown in Paragraph N, Exhibit 1, on the basis of one well.

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

A It is recommended that the proposed extension of the



North Mason-Delaware Pool, as shown in Paragraph O, Exhibit 1, be dismissed pending further study.

Q You recommend Paragraph O be dismissed?

A Yes, sir.

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

A It is recommended this pool boundary be extended as shown in Paragraph P, Exhibit 1, on the basis of one well completed.

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

A It is recommended this pool boundary be extended as shown in Paragraph Q, Exhibit 1, on the basis of eight wells completed therein.

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

A It is recommended this pool boundary be extended as shown in Paragraph R, Exhibit 1, on the basis of one well.

Q What are your recommendations concerning the extension of the Red Hills-Yates Pool?

A It is recommended this pool boundary be extended as shown in Paragraph S, Exhibit 1, on the basis of one well.

Q What are your recommendations concerning the extension of the San Simon Pool?

A It is recommended this pool boundary be extended as shown in Exhibit 1, on the basis of three wells.

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Q What are your recommendations concerning the extension of the West Tonto Yates-Seven Rivers Pool?

A It is recommended this pool boundary be extended as shown in Paragraph U, Exhibit 1, on the basis of one well completed therein.

Q Mr. Engbrecht, have you prepared an exhibit substantiating your recommendations?

A I have.

MR. PAYNE: At this time we would move for introduction of Exhibit 1 in Case 2158 and also recommend that Paragraph J and Paragraph O be dismissed.

MR. PORTER: The exhibits will be admitted to the record. Commission will dismiss Paragraphs J and O, and take the rest of the case under advisement. Witness may be dismissed.

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ALBUQUERQUE, NEW MEXICO



STATE OF NEW MEXICO)
) ss
 COUNTY OF BERNALILLO)

I, JUNE PAIGE, 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 24th day of February, 1961.



 Notary Public - Court Reporter

My Commission expires:

May 11, 1964.

DEARNLEY-MEIER REPORTING SERVICE, Inc.

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