

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

I N T H E M A T T E R O F
C A S E N O . 1 8 6 1

TRANSCRIPT OF PROCEEDINGS

January 14, 1960

DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO



I N D E X

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- (f) Extend the Allison-Pennsylvanian Pool
to include:

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM,
Section 1: NE/4

- (g) Extend the Atoka-Pennsylvanian Gas Pool
to include:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM,
Section 22: NE/4 & S/2

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

TOWNSHIP 11 SOUTH, RANGE 34 EAST, NMPM,
Section 35: SE/4

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

TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM,
Section 2: SW/4

- (j) Extend the East Millman-Queen-Grayburg
Pool to include:

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM,
Section 18: NW/4

- (k) Extend the Shugart Pool to include:

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM,
Section 4: NE/4

CASE

NO. 1861

(Continued)

BEFORE:

Hon. John W. Burroughs,
A. L. Porter, Secretary-Director
Murray Morgan, Land Commissioner

TRANSCRIPT OF PROCEEDINGS

MR. PORTER: Hearing will come to order. We will
take up Case Number 1861, Southeast Nomenclature Case.



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

(Witness sworn.)

ERIC 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 state his name, and present employment?

A Eric F. Engbrecht, District Engineer in the Hobbs office. I would like to spell my name for the record, E-n-g-b-r-e-c-h-t.

Q Mr. Engbrecht, in your capacity with the Oil Conservation Commission, have you made a study concerning the need, or desirability, for creating new pools in, and extending existing pools for Eddy and Lea Counties, New Mexico?

A I have.

Q What are your recommendations concerning the operation of a new oil pool for the Upper Silurian production?

A It is recommended that a new pool be created, and designated as the Fowler-Upper Silurian Pool; the vertical limits to be the formation from the bottom of the Devonian to the top of the Fusselman. The discovery well is a Pan American Petroleum



Corporation, South Mattix Unit Number 3, in Unit B of Section 22, Township 24 South, Range 37 East. It ~~was~~ completed in Silurian on February 11, 1959. The top of the perforations are at 7180. There is another well that has been completed within this formation.

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

A It is recommended that a new oil pool be created, and designated as the West Crossroads-Devonian Pool. The vertical limits to be the Devonian formation; and horizontal limits shall be within the SE/4 of Section 31, Township 9 South, Range 36 East, as designated in paragraph (b) of Exhibit 1. The discovery well is the Pure Oil Company Federal "D" Number 1 in Unit P of Section 31, Township 9 South, Range 36 East. It was completed in Devonian on November 14, 1959. The top of the perforations is at 12,003 feet.

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

A It is recommended that a new gas pool be created, and designated as the East Hightower-Devonian Gas Pool. The vertical limits to be the Devonian formation; the horizontal limits to be as in paragraph (c) of Exhibit 1. The discovery well is the Santiago Oil and Gas Company Well, State Number 1-30, in Unit B of Section 30, Township 12 South, Range 34 East. It was completed in the Devonian on February 3rd, 1959. The top of the



perforations is at 12,899 feet. There are two additions to this well, since the advertisement.

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

A It is recommended that a new gas pool be created, and designated as the Teague-Abo Gas Pool. The vertical limits to be the Abo formation; and the horizontal limits as in paragraph (d) of Exhibit 1. The discovery well is the Gulf Oil Corporation's G. G. Travis Number 1, in Unit I of Section 21, Township 23 South, Range 37 East. It was completed in the Abo on September 16th, 1959. The top of the perforations are 6,764 feet.

Q Do you recommend that the Baish-Abo Pool, in Lea County, New Mexico, be abolished?

A It is recommended that the Baish-Abo Pool be abolished, and incorporate it with the Maljamar-Abo Pool, because of an overlapping of the two pools.

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

A It is recommended that the Allison-Pennsylvanian Pool boundary be extended as shown in paragraph (f) of Exhibit 1, on the basis of one well capable of producing from this pool.

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

A It is recommended that the Atoka-Pennsylvanian Gas Pool boundary be extended as shown in paragraph (g) of Exhibit 1,



on the basis of one well capable of producing within this pool.

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

A It is recommended that the Four Lakes-Pennsylvanian Pool boundary be extended as shown in paragraph (h), of Exhibit 1, on the basis of one pool, I mean, excuse me, of one well being capable of producing from this pool.

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

A It is recommended that the West Henshaw-Grayburg Pool boundary be extended as shown in paragraph (i), of Exhibit 1, on the basis of one well capable of producing within the horizontal limits.

Q What are your recommendations concerning the extension of the East Millman-Queen-Grayburg Pool?

A It is recommended that the East Millman-Queen-Grayburg Pool boundary be extended as shown in paragraph (j), of Exhibit 1, on the basis of one well completed therein.

Q What are your recommendations concerning an extension of the Shugart Pool?

A There is an extension on paragraph (j), as set out in the separate exhibit. It is recommended that the Shugart Pool boundary be extended as shown in paragraph (k), of Exhibit 1, on the basis of three wells completed therein.

Q Have you prepared an exhibit, substantiating your



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recommendations?

A I have.

Q Now, how is it designated?

A It is designated as Case 1861, Exhibit Number 1, paragraphs (a) through (k), inclusive.

MR. PAYNE: I move for the introduction of Exhibit 1 in Case 1861.

MR. PORTER: Without objection, it will be admitted.

MR. PAYNE: That concludes the testimony of this witness.

MR. PORTER: Are there any questions of the witness?

(No response.)

MR. PORTER: The witness may be excused.

If there is nothing further, the case will be taken under advisement, and the hearing is adjourned.

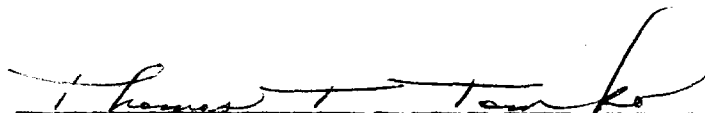
(Whereupon hearing was adjourned at 12:15 p.m., Thursday, January 14, 1960.)



STATE OF NEW MEXICO)
) ss.
 COUNTY OF BERNALILLO)

I, THOMAS T. TOMKO, Court Reporter, 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 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 this 23rd day of January, 1960, in the City of Albuquerque, County of Bernalillo, State of New Mexico.


 Thomas T. Tomko, Court Reporter.

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