

BEFORE THE  
OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
May 18, 1960

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IN THE MATTER OF:

Southeastern New Mexico nomenclature case calling for an order creating new pools and extending existing pools in Chavex, Eddy, and Lea Counties, New Mexico.

Case 1968

- (a) Create a new oil pool for Devonian production, designated as the West Gladiola-Devonian Pool, and described as:

TOWNSHIP 12 SOUTH, RANGE 37 EAST, NMPM  
Section 26: SW/4

- (b) Abolish the Buffalo Valley-San Andres Pool, described as:

TOWNSHIP 14 SOUTH, RANGE 31 EAST, NMPM  
Section 35: SW/4

- (c) Extend the Brushy Draw-Delaware Pool to include:

TOWNSHIP 26 SOUTH, RANGE 29 EAST, NMPM  
Section 24: NW/4

- (d) Extend the Coyote-Queen Pool, to include:

TOWNSHIP 11 SOUTH, RANGE 27 EAST, NMPM  
Section 11: SE/4  
Section 27: W/2

- (e) Extend the El Mar-Delaware Pool, to include:

TOWNSHIP 26 SOUTH, RANGE 33 EAST, NMPM  
Section 31: NW/4 Partial Section

- (f) Extend the Empire-Abo Pool, to include:

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM  
Section 35: SE/4

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

TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM  
Section 10: NE/4

(h) Extend the Logan Draw Pool, to include:

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM  
Section 19: SW/4 NE/4

(i) Extend the West Pearl-Queen Pool, to include:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM  
Section 36: NW/4

(j) Extend the Shugart Pool, to include:

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM  
Section 3: SE/4

(k) Extend the West Teas-Yates Pool, to include:

TOWNSHIP 20 SOUTH, RANGE 33 EAST, NMPM  
Section 16: W/2 NW/4

BEFORE: Mr. A. L. Porter

Mr. Murray Morgan

TRANSCRIPT OF HEARING

(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 with the Oil Conservation Commission have you made a study concerning the necessity or desirability for creating new pools and extending existing pools in Chaves, Eddy and Lea Counties, New Mexico?

A Yes.

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

A I recommend that a new oil pool be created as the West Gladiola-Devonian formation and the horizontal limits should be as follows: Southwest Quarter of Section 26, Township 12 South, Range 37 East. The discovery well was H. S. Moss - D. P. Peck No. 3, located in Unit L of Section 26, Township 12, Range 37 East and completed February 23, 1960; top of perforations, 12,208 feet.

Q Mr. Runyan, do you recommend that the Buffalo Valley-San Andres Pool be abolished?

A Yes, I do.

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

A I recommend that this pool be extended as shown in paragraph (c) of Exhibit 1 on the basis of one well completed therein.

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

A I recommend that the Coyote-Queen Pool boundary be extended as shown in paragraph (d) of Exhibit 1 and also in

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additional acreage consisting of the North Half of Section 11, Township 11 South, Range 27 East.

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

A I recommend that the El Mar-Delaware Pool boundary be extended as shown in paragraph (e) of Exhibit 1 on the basis of one well completed therein.

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

A I recommend that the Empire-Abo Pool boundary be extended as shown in paragraph (f), Exhibit 1, and also additional acreage consisting of the Northwest Quarter and the Southeast Quarter of Section 33 and the South Half of Section 34 of Township 17 South, Range 28 East and the Northeast Quarter and Southwest Quarter of Section 4, the North Half of Section 16, Township 18 South, Range 27 East, and this is due to the nine wells completed therein.

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

A I recommend that the West Henshaw-Grayburg Pool be extended as shown in paragraph (g), Exhibit 1 on the basis of one well completed therein.

Q What are your recommendations concerning the extension of the Logan Draw Pool?

A I recommend that the Logan Draw Pool 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 West Pearl-Queen Pool?

A I recommend that the West Pearl-Queen Pool boundary be extended as shown in paragraph (i), Exhibit 1, on the basis of one well completed therein.

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

A I recommend that the Shugart Pool boundary be extended as shown in paragraph (j), Exhibit 1, and also additional acreage consisting of the South Half of the Southeast Quarter of Section 33, Township 18 South, Range 31 East. It's on the basis of two wells completed therein.

Q What are your recommendations concerning the West Teas-Yates Pools?

A I recommend that the West Teas be extended as shown in paragraph (k), Exhibit 1, on the basis of one well completed therein.

Q Have you prepared an exhibit substantiating your recommendations?

A Yes, I have.

Q How is that designated?

A As Exhibit 1, paragraphs a through k.

MR. PAYNE: We move for the introduction of Exhibit 1



in Case 1968.

MR. PORTER: Without objection the exhibit will be admitted. Does anyone have a question of Mr. Runyan? The witness may be excused.

(Witness excused)

No further comments or statements in this case? We'll take the case under advisement.

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 27th day of May, 1960.

Ada Dearnley  
Notary Public-Court Reporter

My commission expires:

June 19, 1963.

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