

BEFORE THE
OIL CONSERVATION COMMISSION
HOBBS, NEW MEXICO
APRIL 13, 1960

IN THE MATTER OF:

CASE 1938 Southeastern New Mexico nomenclature case calling:
for an order creating new pools and extending ex-
isting pools in Lea, Eddy, Chaves and Roosevelt
Counties, New Mexico.

- (a) Create a new pool classified as an oil pool
for San Andres production, designated as the
Button Mesa-San Andres Pool, and described
as:

TOWNSHIP 8 SOUTH, RANGE 32 EAST, NMPM
SECTION 20: NE/4

- (b) Create a new pool classified as an oil pool
for San Andres production, designated as the
Echol-San Andres Pool, and described as:

TOWNSHIP 10 SOUTH, RANGE 37 EAST, NMPM
SECTION 8: NW/4

- (c) Create a new pool classified as an oil pool
for Wolfcamp production, designated as the
Echol-Wolfcamp Pool, and described as:

TOWNSHIP 11 SOUTH, RANGE 38 EAST, NMPM
SECTION 16: NW/4

- (d) Create a new pool classified as an oil pool
for Devonian production, designated as the
Reeves-Devonian Pool, and described as:

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM
SECTION 24: NW/4

- (e) Extend the Bluitt-Pennsylvanian Pool to in-
clude:

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM
SECTION 24: NE/4

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

TOWNSHIP 13 SOUTH, RANGE 31 EAST, NMPM
SECTION 3: SE/4

(g) Extend the West Crossroads-San Andres Pool to include:

TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM
SECTION 20: E/2

(h) Extend the East Dayton (Grayburg) Pool to include:

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM
SECTION 28: NW/4
SECTION 29: NE/4

(i) Extend the Empire-Abo Pool to include:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM
SECTION 33: SW/4

(j) Extend the North Hackberry-Yates Pool to include:

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM
SECTION 20: SE/4
SECTION 29: N/2 NE/4 and NE/4 NW/4

(k) Extend the East Hightower-Devonian Gas Pool to include:

TOWNSHIP 12 SOUTH, RANGE 34 EAST, NMPM
SECTION 30: E/2 NE/4

(l) Extend the Hume-Queen Pool to include:

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM
SECTION 7: NE/4

(m) Extend the Jalmat Gas Pool to include:

TOWNSHIP 22 SOUTH, RANGE 35 EAST, NMPM
SECTION 3: N/2

(n) Extend the Leamex-Pennsylvanian Pool to include:

TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM
SECTION 23: NE/4

(o) Extend the Pearl-Queen Pool to include:

TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM
SECTION 34: SE/4

(p) Extend the Ranger Lake-Pennsylvanian Pool to include:

TOWNSHIP 12 SOUTH, RANGE 34 EAST, NMPM
SECTION 22: SE/4

(q) Extend the East Red Lake-Queen Pool to include:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM
SECTION 2: W/2 NE/4

(r) Extend the Sawyer-San Andres Gas Pool to include:

TOWNSHIP 10 SOUTH, RANGE 38 EAST, NMPM
SECTION 4: NW/4

(s) Extend the Sugart-Pennsylvanian Gas Pool to include:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM
SECTION 26: S/2
SECTION 27: SE/4

(t) Extend the Tubb Gas Pool to include:

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM
SECTION 28: SW/4

(u) Extend the Turkey Track Pool to include:

TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM
SECTION 28: N/2 and SE/4

BEFORE:

John Burroughs
~~Daniel S. Nutter~~
A. L. Porter

TRANSCRIPT OF PROCEEDINGS

4

MR. PORTER: We will now proceed to the Southeastern New Mexico nomenclature case.

MR. PAYNE: 1938. Southeastern New Mexico nomenclature case.

(Witness sworn)

JOHN W. RUNYAN,
called as a witness, having been first duly sworn on oath, testified as follows:

DIRECT EXAMINATION

BY MR. PAYNE:

Q Will the witness please state his name and position?

A John W. Runyan.

Q Mr. Runyan, in your 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 Lea, Eddy and Chaves and Roosevelt Counties of New Mexico?

A Yes, sir, I have.

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

A I recommend a new oil pool be created and designated as the Button Mesa-San Andres Pool. Vertical limits to be to San Andres formation, and the horizontal limits should be as follows: The NE/4 of Section 20, Township 3 South, Range 32 East. Discovery well was A. W. Rutter and G. L. Wilbanks - Amerada State No. 1, located in Unit B, Section 20, Township 3 South, Range 32 East, and was completed

on January 4th, 1960. The top of perforations is at 4032 feet.

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

A I recommend that a new oil pool be created and designated as the Echol-San Andres Pool. The vertical limits to be the San Andres formation, and the horizontal limits should be as follows: The NW/4 of Section 8, Township 10 South, Range 38 East. Discovery well was Jess L. Warren - Union State No. 1, located in Unit D of Section 8, Township 10 South, Range 37 East, and was completed on October 21st, 1959. Top of perforations at 4935 feet.

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

A I recommend a new oil pool be created and designated as the Echol-Wolfcamp Pool. The vertical limits to be the Wolfcamp formation, and the horizontal limits to be as follows: The NW/4 of Section 16, Township 11 South, Range 38 East. Discovery well was Cities Service Oil Company - State "BE" No. 3, located in Unit E of Section 16, Township 11 South, Range 38 East, and was completed on March 6, 1960. Top of perforations - 9446 feet.

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

A I recommend a new oil pool be created and designated as Reeves-Devonian Pool. Vertical limits to be the Devonian formation, and horizontal limits to be as follows: NW/4 of Section 24, Township 18 South, Range 35 East. Discovery well was John M. Kelly -

Federal SS No. 1, located in Unit D of Section 24, Township 18 South, Range 35 East, and was completed on February 17, 1960. Top of perforations - 12,172 feet.

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

A I recommend that the Bluitt-Pennsylvanian Pool be extended as shown on the Exhibit, Paragraph (e), with the addition of Section 9, the following portions: The W/2 of the NE/4, which is in Township 8 South, Range 37 East.

Q On the basis of additional wells drilled on this acreage?

A That is correct.

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

A I recommend that the Caprock Queen Pool be extended as shown in Paragraph (f) as Exhibit 1, on the basis of one well completed therein.

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

A I recommend that the West Crossroads-San Andres Pool boundary 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 East Dayton (Grayburg) Pool?

A I recommend that the East Dayton 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 Empire-Abo Pool?

A I recommend that the Empire-Abo Pool be extended as shown in Paragraph (i), Exhibit 1, and additional acreage being the SE/4 of Section 34, Township 17 South, Range 27 East, on the basis of two wells completed therein.

Q What are your recommendations concerning the extension of the North Hackberry-Yates Pool?

A I recommend that the North Hackberry-Yates Pool boundary be extended as shown in Paragraph (j), Exhibit 1, on the basis of two wells completed therein.

Q What are your recommendations concerning the extension of the East Hightower-Devonian Gas Pool?

A I recommend that the East Hightower-Devonian Gas Pool be extended as shown in Paragraph (k), Exhibit 1, on the basis of one well completed therein.

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

A I recommend that the Hume-Queen Pool boundary be extended as shown in Paragraph (l), Exhibit 1, on the basis of one well completed therein.

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

A I recommend that the Jalmat Gas Pool boundary be extended as shown in Paragraph (m), Exhibit 1, on the basis of one well completed therein.

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

A I recommend that the Leamex-Pennsylvanian Pool boundary be extended as shown in Paragraph (n), Exhibit 1, on the basis of one well completed therein.

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

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

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

A I recommend that the Ranger Lake-Pennsylvanian Pool boundary be extended as shown in Paragraph (p), Exhibit 1, and also additional acreage, being the S/2 of the SW/4, Section 26, Township 12 South, Range 34 East, on the basis of two wells completed therein.

Q Is one of these wells the Ohio Oil Company well?

A No, sir.

Q Thank you. What are your recommendations concerning the extension of the East Red Lake-Queen Pool?

A I recommend that the East Red Lake-Queen Pool boundary be

extended as shown in Paragraph (q), Exhibit 1, on the basis of one well completed therein.

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

A I recommend that the Sawyer-San Andres Gas Pool boundary be extended as shown in Paragraph (r), Exhibit 1, on the basis of one well completed therein.

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

A I recommend that the Sugart-Pennsylvanian Gas Pool boundary be extended as shown in Paragraph (s), Exhibit 1, on the basis of one well completed therein.

Q Is this a misprint on the docket, Mr. Runyan, under Paragraph (s)? Shouldn't that be S-h-u-g-a-r-t?

A Yes, that's correct.

Q Thank you. What are your recommendations concerning the extension of the Tubb Gas Pool?

A I recommend that the Tubb Gas Pool boundary be extended as shown in Paragraph (t), Exhibit 1, on the basis of one well completed therein.

Q What are your recommendations concerning the extension of the Turkey Track Pool?

A I recommend that the Turkey Track Pool boundary be extended as shown in Paragraph (u), Exhibit 1, on the basis of one well completed therein.

Q Mr. Runyan, have you prepared an Exhibit substantiating your recommendations?

A Yes, sir, I have.

Q How is that designated?

A Exhibit 1, with Paragraphs (a) through (u).

MR. PAYNE: Mr. Commissioner, we move for the introduction of O.C.C.'s Exhibit 1 in Case 1938.

MR. PORTER: Without objection, the Exhibit will be admitted. Does anyone have any questions of Mr. Runyan? The witness may be excused.


(Witness excused)

MR. PORTER: We will take the case under advisement, and adjourn the hearing.

STATE OF NEW MEXICO)
) ss
COUNTY OF BERNALILLO)

I, THOMAS T. TOMKO, Court Reporter, 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 machine shorthand and reduced to typewritten transcript by me; 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, the 21st day of April,
A. D. 1960, in the City of Albuquerque, County of Bernalillo, State
of New Mexico.


Notary Public

My Commission Expires:
January 7, 1964