

BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXI CO

IN THE MATTER OF:

CASE 1689

TRANSCRIPT OF HEARING

JUNE 9, 1959

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BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
JUNE 9, 1959

IN THE MATTER OF:

CASE 1689 Southeastern New Mexico Nomenclature Case calling :
for an Order creating new pools and extending ex- :
isting pools in Lee, Chaves and Eddy Counties, New :
Mexico. :

(a) Create a new oil pool for San Andres produc- :
tion, designated as the Four Mile Draw-San Andres :
Pool, and described as: :

TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMPM :
Section 3: SW/4 :

(b) Create a new Gas pool for Ellenburger produc- :
tion, designated as the Little Lucky-Ellenburger :
Gas Pool, and described as: :

TOWNSHIP 15 SOUTH, RANGE 30 EAST, NMPM :
Section 29: NE/4 :

(c) Create a new gas pool for Pennsylvanian pro- :
duction, designated as the Los Medanos-Pennsylv- :
anian Gas Pool, and described as: :

TOWNSHIP 22 SOUTH, RANGE 30 EAST, NMPM :
Section 36: SE/4 :

(d) Create a new oil pool for Bone Springs produc- :
tion, designated as the Querecho Plains-Bone :
Springs Pool, and described as: :

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM :
Section 27: SW/4 :

(e) Create a new gas pool for Atoka production, :
designated as the Sombrero-Atoka Gas Pool, and :
described as: :

TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM :
Section 12: W/2 :
Section 13: NW/4 :

(f) Create a new oil pool for Delaware production, designated as the Tecolote Peak-Delaware Pool, and described as:

TOWNSHIP 26 SOUTH, RANGE 28 EAST, NMPM
Section 34: NW/4

(g) Create a new oil pool for Grayburg production: designated as the West Millman-Grayburg Pool, and described as:

TOWNSHIP 19 SOUTH, RANGE 27 EAST, NMPM
Section 12: SW/4

(h) Create a new oil pool for San Andres production, designated as the Windmill-San Andres Pool and described as:

TOWNSHIP 15 SOUTH, RANGE 28 EAST, NMPM
Section 9: SE/4

(i) Extend the Blinebry Gas Pool to include therein:

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM
Section 33: NW/4

(j) Extend the Culwin Pool to include therein:

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM
Section 36: SE/4

(k) Extend the Grayburg Jackson Pool to include therein:

TOWNSHIP 17 SOUTH, RANGE 31 EAST, NMPM
Section 10: SE/4

(l) Extend the High Lonesome Pool to include therein:

TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM
Section 11: SE/4

(m) Extend the Langlie Mattix Pool to include therein:

TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM
Section 22: NW/4

(n) Extend the Red Lake Pool to include therein: :

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM :

Section 1: NE/4 :

(o) Extend the South Vacuum-Devonian Pool to include therein: :

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM :

Section 26: W/2 :

Section 27: SE/4 :

(p) Extend the Warren-Blinebry Gas Pool to include therein: :

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM :

Section 28: NE/4 :

(q) Extend the Warren Tubb Gas Pool to include therein: :

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM :

Section 28: NE/4 :

(r) Extend the Weir Pool to include therein: :

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM :

Section 15: SE/4 :

BEFORE:

Mr. A. L. Porter
Mr. Murray Morgan
Gov. John Burroughs

T R A N S C R I P T O F P R O C E E D I N G S

MR. PORTER: We will continue to the nomenclature case for Southeastern New Mexico.

MR. PAYNE: Case 1689. Southeastern New Mexico Nomenclature Case calling for an Order creating new pools and extending

existing pools in Lea, Chaves and Eddy Counties, New Mexico.

(Witness sworn)

ERIC ENGBRECHT,

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 Eric Engbrecht, district engineer.

Q Mr. Engbrecht, in your official capacity with the Oil Conservation Commission, have you made a study concerning the necessity for the creation of new pools and the extension of existing pools in Lea, Eddy and Chaves Counties, New Mexico?

A I have.

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

A I recommend that we create a new oil pool named Four Mile Draw-San Andres discovery well by Yates Brothers - Scheurich No. 1 in Unit L of Section 3-19-25. The depth of casing shoe was 1875'.

Q What do you propose as the vertical limits and horizontal limits?

A San Andres formation.

MR. PORTER: Mr. Engbrecht, don't you think you might shorten that name to Three Mile Draw or something?

A I guess so.

Q Do you propose the SW/4 of Section 3 as the horizontal limits?

A Yes, sir.

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

A I recommend to create a new pool, Little Lucky Lake- Ellenburger, discovered by Texaco, Inc. and Peery Federal No. 1 in Unit G, Section 29-15-30, completed in the Ellenburger formation on September 28, 1958. The top of the perforations 12,068 feet. It was in Section 29 of the NE/4.

Q Do you recommend the NE/4 as the horizontal limits?

A I do.

Q What do you recommend as the vertical limits?

A The Ellenburger formation.

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

A I recommend a new pool be created -- new gas pool be created, namely the Los Medanos-Pennsylvanian Gas Pool, discovered --

Q Pardon me, Mr. Engbrecht. Do you propose the Los Medanos-Pennsylvanian or Los Medanos-Atoka?

A Excuse me, Los Medanos-Atoka, discovered by Shell Oil Company upon their James Ranch Unit No. 1 in Unit O of Section 36-22-30. Completed in the Atoka formation on March 1st, 1958. The top of the perforations, 12,920 feet. The horizontal limits, Sec-

tion 36, the SE/4. Vertical limits, the Atoka formation of the Pennsylvanian.

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

A I recommend the creation of an oil pool named the Querecho Plains-Bone Springs, discovered by Shell Oil Company upon the Querecho Plains Unit No. 2 in Section 27, Township 18, 32, which was recompleted in the Bone Springs on April 12, 1959. The top of the perforations is at 8538. The horizontal limits, Section 27, SW/4. The vertical limits shall be the Bone Springs formation.

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

A I recommend that Paragraph (e) be dismissed for further study.

MR. PAYNE: Mr. Examiner, I move that Paragraph (e), Case 1689 be dismissed so that it can be studied further.

MR. PORTER: Is there any objection to the dismissal of Paragraph (e)? Paragraph (e) will be dismissed.

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

A I recommend the creation of a new oil pool named the Tecolote Peak-Delaware Pool. Discovery well is by Ford Chapman & Associates - State "34" No. 1-34 in Unit D of Section 34-26-28. It is completed in Delaware March 4, 1959. Open hole from 2512 to

2514. The vertical limits shall be the Delaware, and the horizontal limits shall be the NW/4 of Section 34.

Q What are your recommendations concerning creation of new oil pool for Grayburg production?

A I recommend the creation of new oil pool called the West Millman-Grayburg Pool in Eddy County. The discovery well is N. R. Williamson - Phillips #1 in Unit N of Section 12-19-27. Completed in the Grayburg on November 20, 1958. The top of the perforations is at 5886 -- excuse me -- 1586. I reversed my figures. The vertical limits shall be the Grayburg. The horizontal shall be Section 12, SW/4.

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

A I recommend the creation of a new oil pool named the Windmill-San Andres. The discovery well is George W. Riley, Inc. The name of the well is the State #1-9 in Unit P of Section 9-15-28. Completed in the San Andres February 5, 1959. The top of the perforations is at 2514. Vertical limits shall be the San Andres, the horizontal limits, Section 9 of the SE/4.

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

A I recommend the extension of the Blinbry Gas Pool, one oil well capable of producing -- off the record -- one well capable of producing within the Blinbry limits as outlined in --

Q The extension is outlined in Paragraph (i)?

A Right.

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

A I recommend the Culwin Pool be extended as outlined in Paragraph (j). In addition, one well which is the SE/4 of Section 1.

Q What are your recommendations concerning extension of the Grayburg Jackson Pool?

A I recommend the Grayburg Jackson Pool be extended as outlined in Paragraph (k).

Q On what basis?

A On one oil well capable of producing.

Q What are your recommendations concerning extension of the High Lonesome Pool?

A I recommend that the High Lonesome Pool be extended as in Paragraph (l) because of one well capable of producing.

Q What are your recommendations concerning extension of the Langlie Mattix Pool?

A I recommend the extension of the Langlie Mattix Pool because of three completed oil wells capable of producing from this pool. We have an addition of John H. Hill in 22-23-37.

Q What are your recommendations concerning extension of the Red Lake Pool?

A I make a, recommend extension of the Red Lake Oil Pool as advertised in Paragraph (n).

Q On what basis?

A Of two wells capable of producing.

Q What are your recommendations --

A There is an addition of Section 18 of the NW/4.

Q What are your recommendations concerning extension of the South Vacuum-Devonian Pool?

A I recommend that the South Vacuum-Devonian Pool be extended as outlined in Paragraph (o).

Q On what basis?

A On the basis of one oil well capable of producing and one drilling well.

Q What are your recommendations concerning extension of the Warren-Blinebry Gas Pool?

A I recommend the extension of the Warren-Blinebry Gas Pool as advertised in Paragraph (p), one oil well capable of producing.

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

A I recommend the extension of the Warren Tubb Gas Pool as outlined in Paragraph (q), with the addition of the one well in Unit E of Section 27-20-38. Original extension, without addition, is two completed gas wells.

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

A I make the recommendation the Weir Pool be extended

because of one oil well capable of producing as outlined in Paragraph (r).

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

A I have.

Q How have you designated them?

A I have designated them with letters, (a) through (r), inclusive.

MR. PAYNE: Mr. Commissioner, at this time we move for the introduction of Exhibits 1 (a) through 1 (r) in Case 1689.

MR. PORTER: Without objection, the Exhibits will be admitted.

MR. PAYNE: That concludes our case.

MR. PORTER: Anyone have a question of Mr. Engbrecht?

CROSS EXAMINATION

BY MR. PORTER:

Q Mr. Engbrecht, do you recall how many wells are now in the Weir Pool?

A No, sir, I do not.

Q The reason I ask that, for a number of years that was a one-well pool, and I was just wondering if there has been some recent activity around there other than this one well.

A According to the Exhibit, the W/2 of Section 24, the NW of 25, the N/2 of 20, the NE of 27, the E/2 of 22, and all of 23 was the original Weir Pool, which is in Township 20, Range 37.

MR. PORTER: The Commission customs have changed since those days. I think it is still a one-well pool. No questions, Mr. Engbrecht may be excused.

(Witness excused)

MR. PORTER: Anything further to be offered in this case? Take the case under advisement and take up next the nomenclature case for the Northwest, Case 1690.

STATE OF NEW MEXICO)
) ss
COUNTY OF BERNALILLO)

I, J. A. Trujillo, Notary Public 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 Stenotype 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 5 of August,
1959, in the City of Albuquerque, County of Bernalillo, State of
New Mexico.

NOTARY PUBLIC

My Commission Expires:

October 5, 1960