

BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

IN THE MATTER OF:

CASE 1509

TRANSCRIPT OF HEARING

SEPTEMBER 17, 1958

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BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
SEPTEMBER 17, 1958

IN THE MATTER OF: :

CASE 1509 Southeastern New Mexico nomenclature case call- :
ing for an order for the creation of new pools :
and extension of existing pools in Lea, Eddy :
and Roosevelt Counties, New Mexico. :

(a) Create a new oil pool for Blinebry produc- :
tion, designated as the Justis-Blinebry Pool, :
and described as: :

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM :
Section 13: SE/4 :

(b) Create a new oil pool for Montoya produc- :
tion, designated as the Justis-Montoya Pool, :
and described as: :

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM :
Section 13: SW/4 :
Section 24: N/2 :

(c) Create a new oil pool for San Andres pro- :
duction, designated as the Milnesand-San Andres :
Pool, and described as: :

TOWNSHIP 8 SOUTH, RANGE 34 EAST, NMPM :
Section 24: NW/4 :

(d) Create a new oil pool for Glorieta produc- :
tion, designated as the Skaggs-Glorieta Pool, :
and described as: :

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM :
Section 11: NE/4 :

(e) Extend the vertical limits of the Bagley- :
Pennsylvanian Oil Pool to include the following :
area only: :

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM :
Section 34: SW/4 SE/4 :

and redefine the vertical limits of this area :
to be -4500 feet to -5200 feet subsea. :

(f) Extend the Crosby-Devonian Gas Pool to in- :
clude: :

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM :
Section 33: SE/4 :

(g) Extend the Eumont Gas Pool to include: :

TOWNSHIP 21 SOUTH, RANGE 35 EAST, NMPM :
Section 3: Lots 3, 4, 5, & 6 :

(h) Extend the Grayburg-Jackson Pool to in- :
clude: :

TOWNSHIP 17 SOUTH, RANGE 31 EAST, NMPM :
Section 10: E/2 NW/4 & W/2 NE/4 :

(i) Extend the Justis-Drinkard Pool to include: :

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM :
Section 24: SW/4 :

(j) Extend the Justis-Fusselman Pool to in- :
clude: :

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM :
Section 13: SW/4 :

(k) Extend the Maljamar Pool to include: :

TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM :
Section 18: SE/4 :

(l) Extend the East Millman-Queen Pool to in- :
clude: :

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM :
Section 14: SW/4 :

(m) Extend the Townsend-Wolfcamp Pool to in- :
clude: :

TOWNSHIP 16 SOUTH, RANGE 36 EAST, NMPM :
Section 6: Lots 3, 4, 5, & 6 :

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

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM
Section 21: NE/4
Section 22: W/2

(o) Extend the Vacuum-Yates Pool to include:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM
Section 34: NE/4

BEFORE: Mr. Edwin L. Mechem
Mr. Murray Morgan
Mr. A. L. Porter

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: The Commission will hear next Case 1509.

MR. PAYNE: Case 1509. Southeastern New Mexico nomenclature case calling for an order for the creation of new pools and extension of existing pools in Lea, Eddy and Roosevelt Counties, New Mexico.

(Witness sworn)

ERIC ENGBRECHT,

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 Eric Engbrecht, oil and gas inspector in District No. 1 for the Oil Conservation Commission.

Q Mr. Engbrecht, in your official capacity with the Oil Con-

ervation Commission in New Mexico, have you had an opportunity to make a study concerning the desirability or necessity of the creation of new pools and the extension of existing pools in Lea, Eddy and Roosevelt Counties, New Mexico?

A I have.

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

A I recommend to create a new oil pool to be named Justis-Blinebry because of the discovery well by Gulf Oil Corporation. It's name is the Learcy McBuffington No. 6 in Unit 0 of Sections 13-25-37. Completed in the Blinebry in 7/1/58; top of perforation at -4806.

Q What are your recommendations concerning the vertical limits?

A The vertical limits is the Blinebry formation.

Q And what are your recommendations as to the horizontal limits?

A As advertised. The SE/4 of Section 13.

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

A I recommend that a new oil pool be created to be named the Justis-Montoya. Western Natural Gas Company has the discovery well. The lease name is Wimberley #5 C, Sections 24-25-37. Completed in the Montoya in 6/6/58. Top of perforations are at a -9224.

Q What are your recommendations as to the vertical limits?

A I recommend that the vertical limits be the Montoya formation.

Q What are your recommendations as to the horizontal limits?

A Four completed wells in this pool to be as advertised.

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

A I recommend that a new oil pool be created called the Milnesand-San Andres. The discovery well was by M. & N. Associates, Weathersby #1 in Unit D of Section 24-8-34. Completed in the San Andres on 6/1/58. Top of perforations are at a -307.

Q What are your recommendations concerning vertical and horizontal limits?

A The vertical limits and horizontal be as advertised on the San Andres because of one producing well.

Q Will you state again what the proposed vertical limits are?

A San Andres formation.

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

A I recommend that a new oil pool be created as the Skaggs-Glorieta. The discovery well is by the Texas Company. It is C.H. Weir "B" #1 in Unit H of Sec. 11-20-37. This was completed in the Glorieta on 6/23/58. The top of perforations are at a -1676.

Q What are your recommendations concerning the vertical and

horizontal limits?

A The vertical limits be in the Glorieta, and as advertised, the NE/4 of Section 11.

Q What are your recommendations concerning extension of the vertical limits of the Bagley-Pennsylvanian Oil Pool?

A I recommend that the vertical limits of the Bagley-Pennsylvanian Oil Pool be increased to redefine the vertical limits of the Bagley-Pennsylvanian Oil Pool in the SW/4 of the SE/4 of Section 34 only, and to be at a -4500 feet to a -5200 feet; only for this oil zone, and this is productive only in this one quarter-quarter section.

Q What are your reasons for this recommendation?

A Going back to the Amerada Case 1384, on Exhibit 6, they designated on this cross section that the top of the BTO zone in the Amerada Well is at a -4521. The original limits as set up in our Order 991, Case 1220, were at 46 -- excuse me -- at a -4500 to a -5200. This did not include this oil zone between the Bagley upper Pennsylvanian and lower Bagley Pennsylvanian gas. So therefore, Exhibit 6 gives good indication that we only have the oil production in this one quarter-quarter section.

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

A I recommend that this pool be extended as advertized because of one completed well producing.

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

A I recommend that the Eumont Gas Pool be extended as advertised because of one completed producing well.

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

A I recommend that the Pool be extended as advertised and one unadvertised portion which is the SW of the SW of Section 3, of 17, 31. There are two completed wells capable to producing from this pool in this area.

Q What are your recommendations concerning extension of the Justis-Drinkard Pool?

A I recommend that the Justis-Drinkard Pool be extended as advertised because of three wells capable of producing in this Pool.

Q What are your recommendations concerning extension of the Justis Fusselman Pool?

A I recommend the Justis Fusselman Pool be extended as advertised because of one well capable of producing from this Pool.

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

A I recommend that the Maljamar Pool be extended as advertised because of two completed wells capable of producing.

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

A I recommend that the East Millman-Queen Pool be extended as advertised because of one well capable of producing from this Pool.

9
Q What are your recommendations concerning extension of the Townsend-Wolfcamp Pool?

A I recommend that this Pool be extended as advertised and one unadvertised portion of Lots 3 and 4 of Section 5; and of the two completed wells and one unadvertised well, which is not completed in this Pool.

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

A I recommend that the extension of this Pool be as advertised because of one completed well capable of producing from this formation.

Q What are your recommendations concerning extension of Vacuum-Yates?

A I recommend that the extension of the Vacuum-Yates Pool be extended as advertised because of one completed well capable of producing from this Pool.

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

A I have.

Q How have you designated them?

A I designated those from A through O inclusive.

Q In Case 1509, each exhibit is lettered A through O?

A Yes, sir.

MR. PAYNE: Mr. Examiner, at this time I move for the introduction of Exhibits A through O in Case 1509.

MR. PORTER: Without objection, they will be admitted.
Any questions of the witness? Does anybody have anything further
in this case? The witness may be dismissed.

(Witness excused)

MR. PORTER: Take the case under advisement.

