

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.
PHONE 325-1182

ALBUQUERQUE, N. M.
PHONE 243-6691

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
September 13, 1962

REGULAR HEARING

IN THE MATTER OF:)

Southeastern New Mexico nomenclature)
case calling for an order creating,)
changing vertical limits, changing)
pool name and extending certain pools)
in Lea, Eddy, Chaves and Roosevelt)
Counties, New Mexico.)

Case 2637

BEFORE: Honorable Edwin L. Mechem
Mr. A. L. "Pete" Porter
Mr. E. S. "Johnny" Walker

TRANSCRIPT OF HEARING

MR. PORTER: The hearing will come to order, please.
We are going to change the order of the docket a little bit this
morning and take the nomenclature case first. The application
for rehearing by Consolidated will be heard last. We will call
first Case 2637. Mr. Nutter.

(Witness sworn.)

DAN NUTTER

called as a witness, having been first duly sworn, testified as
follows:



DIRECT EXAMINATION

BY MR. DURRETT:

Q Will you please state your name and position?

A Dan Nutter, Chief Engineer for the Oil Conservation Commission.

Q Are you prepared today to recommend to the Commission that an order be entered creating certain pools, changing the vertical limits of certain pools and changing pool names and extending certain pools in Lea, Eddy, Roosevelt and Chaves Counties, New Mexico?

A Yes, I am.

Q Have you prepared your recommendations in the form of an exhibit?

A I have had them prepared, yes, sir.

MR. DURRETT: Could we have that exhibit marked, please?

(Whereupon, Commission's Exhibit No. 1 was marked for identification.)

Q Mr. Nutter, referring to paragraph (a) of your exhibit, what is your recommendation concerning the creation of a new oil pool for the Upper-Pennsylvanian production described as North Bagley Upper-Pennsylvanian Pool?

A I recommend that the North Bagley Upper-Pennsylvanian Pool be created comprising the Southeast Quarter of Section 15,

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the Southwest Quarter, Southwest Quarter, Section 14, the Northeast Quarter, Northeast Quarter, Section 22, and the Northwest Quarter of Section 23, all in Township 11 South, Range 33 East, Lea County, New Mexico.

This pool was discovered by the Cabot Corporation, Maryellen Dallas Well No. 1, located in Unit P of Section 15. The well was completed in the Pennsylvanian on June 12, 1962, the top of the perforation is 9,475 feet.

Q Referring to paragraph (b) of your exhibit, what is your recommendation concerning this paragraph?

A I recommend that the North Bagley Lower-Pennsylvanian Pool be created comprising the West Half of Section 10, the West Half of Section 15, the South Half of Section 15, all in Township 11 South, Range 33 East, Lea County, New Mexico. This pool is to take the place of another pool which is the North Bagley Pennsylvanian Pool which was previously designated by the Commission with the same horizontal limits.

The vertical limits of North Bagley Lower-Pennsylvanian Pool will be from the point encountered in the Texas Pacific Coal and Oil Company J. P. Collier Well No. 1 located in Unit F of Section 10. This point is encountered at a minus 5727 feet subsea to the bottom of the Pennsylvanian formation.

Referring back to paragraph (a), the vertical limits of the



North Bagley Upper-Pennsylvanian Pool would be from a datum at a minus 4783 feet to a minus 5727 feet as encountered in Texas Pacific Coal and Oil Company J. P. Collier Well No. 1 located in Unit F of Section 10, Township 11 South, Range 33 East.

Q Now, referring to paragraph (c) of your exhibit, what is your recommendation concerning the creation of a new oil pool for Seven Rivers production?

A I recommend that the Car-Seven Rivers Pool, that's C-a-r Seven Rivers Pool be created comprising the Northeast Quarter of Section 21, Township 18 South, Range 29 East, Eddy County, New Mexico. This pool was discovered by the Ray Smith Federal Well No. 1, located in Unit H of Section 21, Township 18 South, 29 East. It was completed in the Seven Rivers February 6, 1962 with the top of the perforations at 1634.

Q What is your recommendation concerning the paragraph (d) in the Paddock production?

A I recommend that the Fren-Paddock Pool be created comprising the Northeast Quarter of Section 21, Township 17 South, Range 31 East, Eddy County. This pool was discovered by Skelly Oil Company's Dow, D-o-w, B Well No. 39, located in Unit G of Section 21. It was completed in the Paddock on June 11, 1962, and the top of the perforations is 4,864 feet.

Q Referring now to paragraph (e), what is your



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recommendation concerning the creation of a new oil pool for Queen production?

A I would recommend that the West Hume, H-u-m-e, Queen Pool be created comprising the Northeast Quarter of Section 15, Township 16 South, Range 33 East, Lea County. This pool was discovered by Dob Oil Properties, Inc., Pure State Well No. 1, located in Unit G of Section 15. It was completed in the Penrose sand of the Queen on June 27, 1962. The top of the perforations is 3,927 feet.

Q Referring to paragraph (f), what is your recommendation concerning the creation of a new oil pool for San Andres production?

A I would recommend that the Round Tank-San Andres Pool be created comprising the Northwest Quarter of Section 30, Township 15 South, Range 29 East, Chaves County. This pool was discovered by Kern County Land Company State M-u-l-l-i-s, Well No. 1, located in Unit D of Section 30; it was completed in the San Andres formation April 28, 1962 and the top of perforations is 2,960 feet.

Q Referring now to paragraph (g), what is your recommendation concerning abolishing the North Bagley-Pennsylvanian Pool?

A I would recommend that the North Bagley-Pennsylvanian Pool comprising the West Half of Section 10, the West Half of



Section 15 and the South Half of Section 16, Township 11 South, Range 33 East, be abolished. This same area was picked up in the creation of the North Bagley Lower-Pennsylvanian Pool in paragraph (b) of this case.

Q Referring to paragraph (h), what is your recommendation concerning abolishing the North Double X-Delaware Pool?

A I recommend that the North Double X-Delaware Pool comprising the Southeast Quarter of Section 11, 24 South, 32 East, Lea County be abolished. The acreage will be extended into the Double X-Delaware Pool.

Q Referring to paragraph (i), what is your recommendation concerning the North Burton-Atoka Gas Pool?

A I recommend that the name of the North Burton-Atoka Gas Pool be changed to North Burton-Pennsylvanian Gas Pool and that the vertical limits of said pool be extended from the Atoka-Pennsylvanian to the entire Pennsylvanian formation. This pool comprises the Northwest Quarter of Section 32, Township 19 South, 29 East, Eddy County.

Q Referring to paragraph (j), what is your recommendation concerning the extension of the Double X-Delaware Pool?

A I would recommend that the Double X-Delaware Pool be extended as shown on the docket, and also that the Northwest Quarter of Section 23, Township 24 South, 32 East be added.

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Q Referring to paragraph (k), what is your recommendation concerning the extension of the Drinkard Pool?

A I recommend that pool be extended as shown on the docket and on the exhibit.

Q I believe, Mr. Nutter, that the rest of your recommendations concern extensions of certain pools, is that correct?

A That's correct.

Q Would you please proceed with this and refer to the paragraphs in your exhibit?

A Paragraph (l), I would recommend it be extended in accordance with the docket and the exhibit, and also that the South Half of the Northwest Quarter of 29, Township 19 South, 29 East be added.

Paragraph (m), I recommend it be extended in accordance with the docket and exhibit. Paragraph (n), I recommend it be extended in accordance with the docket and exhibit. Paragraph (o), I recommend it be extended in accordance with the docket and exhibit. Paragraph (p), I recommend it be extended in accordance with the docket and exhibit. Paragraph (q), I recommend it be extended in accordance with the docket and exhibit. Paragraph (r), I recommend it be extended in accordance with the docket and exhibit; paragraph (s), I recommend it be extended in accordance with the docket and exhibit. Paragraph (t), I

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recommend it be extended in accordance with the docket and exhibit.

Paragraph (u), I would recommend be extended in accordance with the docket and the exhibit, and also that the Northwest Quarter of Section 10, Township 26 South, Range 33 East be added. The (v) would be extended in accordance with the docket and the exhibit insofar as Township 17 South, 35 East is concerned. As far as Township 18 South, Range 34 East is concerned, in accordance with the docket and the exhibit, and also that the West Half of the Southeast Quarter of Section 12 be added. Township 18 South, Range 35 East in the Vacuum-Abo Pool would be in accordance with the docket and the exhibit.

Q Mr. Nutter, do you have anything further to add at this time?

A No, sir.

MR. DURRETT: If the Commission please, we move the introduction of Exhibit 1 in this case at this time.

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

(Whereupon, Commission's Exhibit No. 1 was admitted in evidence.)

MR. PORTER: Is there any question of the witness? The witness may be excused.

(Witness excused.)

MR. PORTER: Anything further to be offered in this

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