

BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
DECEMBER 14, 1960

IN THE MATTER OF:

CASE 2144 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: :

BEFORE:

Murray Morgan
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 call Case 2144, Mr.
Nutter.

MR. NUTTER: Case 2144 reads: Southeastern New Mexico
nomenclature case calling for an order creating new pools and ex-
tending existing pools in Lea, Eddy, Chaves, and Roosevelt Counties,
New Mexico.

(Witness sworn)

DANIEL S. NUTTER,
called as a witness, having been first sworn, testified as follows:

DIRECT EXAMINATION

BY MR. PAYNE:

Q State your name, occupation, please.

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A Dan Nutter, Chief Engineer for Oil Conservation Commission.

Q Mr. Nutter, have you made a study concerning the need or desirability for creating new pools and extending existing pools in Lea, Eddy, Chaves and Roosevelt Counties, New Mexico?

A Such a study has been made.

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

A I would recommend the Jenkins-Wolfcamp Pool be created in Lea County, New Mexico, as advertised, comprising the South half of Section 3, Township 9 South, Range 34 East. This pool was discovered by the Sun Oil Company with their M. J. McNulty No. 1 Well located in Unit V of Section 3. The well was completed April the 5th, 1960, and the top of perforations at 9604 feet.

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

A I would recommend that the Lusk-Strawn Pool be created, comprising of the Northeast quarter of Section 19, Township 19 South, Range 32 East, Lea County, New Mexico. This pool was discovered by completion of El Paso Natural Gas Company's Lusk Deep Unit No. 1 Well located in Unit A of Section 19. This well was completed in the Strawn October the 5th, 1960, and the top of perforations 11,168 feet.

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



A I would recommend that the Maroon Cliffs-Delaware Pool in Eddy County be created, comprising of the Southeast quarter of Section 30, Township 20 South, Range 31 East. This pool was discovered by Shell Oil Company & Texas Crude Oil Company's Big Eddy Unit No. 1-30 Well located in Unit P of Section 30. This well was completed in the Delaware May the 1st, 1959. The top of perforations at 6786 feet.

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

A I would recommend that the Maroon Cliffs-Tansill Pool be created in Eddy County, comprising of the southeast quarter of Section 30, Township 20 South, Range 31 East. This pool was discovered by Shell Oil Company & Texas Crude Oil Company's Big Eddy Unit No. 1-30 Well in Unit P of Section 30. The well was completed in the Tansill formation May the 1st, 1959, with the top of the perforation at 2179 feet.

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

A I would recommend that the North Mescalero-Wolfcamp Pool be created in Lea County, comprising the southwest quarter of Section 11, Township 10 South, Range 32 East. The pool was discovered by Cabeen Exploration Corporation - State No. 1 Well located in Unit K of Section 11. The well was completed in the Wolfcamp on July 2, 1960 with the top of perforations at 8354 feet.

Q What are your recommendations concerning the creation of



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a new oil pool for Queen production in Lea County?

A I would recommend that the Northeast Monument-Queen Pool be created, comprising the northeast quarter of Section 14, Township 19 South, Range 37 East in Lea County. The pool was discovered by John M. Kelly - Gulf Terry No. 1 located in Unit A of Section 14. The well was completed in the Queen formation on April the 25th, 1956. The top of perforations at 4148 feet.

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

A I would recommend that the Paduck-Delaware Pool be created in Lea County, comprising the south half of the southwest quarter of Section 10; the west half of Section 15; the east half of Section 16; the north half of the northeast quarter of Section 21; and the north half of the northwest quarter of Section 22, all in Township 25 South, Range 32 East. This pool was discovered by Tennessee Gas Transmission Company's G. E. Jordan USA Well No. 1 located in Unit M of Section 15. The well was completed in the Delaware formation September 15, 1960. The top of perforations at 4673 feet.

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

A This is Paragraph (h). I would recommend that the Sombrero-Pennsylvanian Gas Pool be created in Lea County, comprising the west half of Section 12, and the northwest quarter of Section 13, all in Township 16 South, Range 33 East. The pool was dis-



covered by Skelly Oil Company - Sombrero Unit No. 1 located in Unit E of Section 12. This well was completed in the Pennsylvanian formation February 25, 1957. The top of perforations here is 13,166 feet.

Q What do you recommend concerning the creation of a new oil pool for Abo production?

A I recommend that the Vacuum-Abo Pool be created, comprising the northwest quarter of Section 4, Township 18 South, Range 35 East, Lea County. The well was discovered by Standard Oil Company of Texas - Vac Edge Unit No. 2 located in Unit E of Section 4. The well was completed in the Abo on October 16, 1960. The top of perforations is 8650 feet.

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

A I would recommend that the Atoka-Pennsylvanian Gas Pool be extended as shown on the docket.

Q As shown on Paragraph (j) of Exhibit 1?

A Yes, sir.

Q On what basis?

A New development in this pool.

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

A I would recommend that the Bluitt-Pennsylvanian Pool be extended as shown on the docket, and also some proposed extensions. The entire extension would be the northeast quarter of Section 29;



the west half of the northeast quarter of Section 30; and the southeast quarter of Section 30, all in Township 8 South, Range 37 East.

Q This also on the basis of new development?

A Yes, sir.

Q What are your recommendations concerning extension of the Corbin-Abo Pool in Lea County?

A I would recommend that the Corbin-Abo Pool be extended as shown on the docket and in Paragraph (1) of Exhibit 1.

Q For what reason?

A On the basis of new development.

Q What are your recommendations concerning extension of the Drinkard Pool, Lea County?

A I would recommend that the Drinkard Pool be extended as shown in Paragraph (m) of the Exhibit, because of new development.

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

A I would recommend that the Empire-Abo Pool be extended as shown on the docket; also that some additional extensions be added in Township 18, Range 27 East; the southeast quarter of Section 8, the southwest quarter of Section 16, as well as the extensions on the docket.

Q This is also on the basis of new development?

A Yes.

Q What do you recommend concerning extension of the Eumont



Gas Pool?

A Because of new development, I would recommend that it be extended as shown on the docket and in the Exhibit.

Q What would you recommend concerning extension of the Gladiola-Wolfcamp Pool?

A I would recommend that the Gladiola-Wolfcamp Pool be extended as shown on the docket in the Exhibit because of new development.

Q What do you recommend concerning extension of the Justis-Blinebry Pool?

A Because of new development, I would recommend that it be extended as shown on the docket.

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

A That it be extended as shown on the docket on account of new development.

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

A I would recommend that the Justis Tubb-Drinkard Pool be extended as shown on the docket. Also some addition to the extensions located in Township 25 South, Range 37 East, Section 28 southeast southeast quarter. Section 36, the south half northeast quarter, the southeast quarter, the southwest quarter, the northwest northwest quarter and south half northwest quarter 27, 38, and Section 19 west half, southwest quarter.



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Q This is also new development?

A Yes, sir.

Q What do you recommend concerning extension of the Maljamar Pool?

A That the Maljamar be extended as follows: Township 17 South, Range 33 East, Section 21, northeast quarter; Section 22, north half, on the basis of new development.

Q What do you recommend concerning extension of the West Tonto Yates-Seven Rivers Pool?

A I would recommend, because of new development in this pool, that it be extended to include the acreage shown on the docket in the Exhibit.

Q Have you prepared Exhibit No. 1 substantiating your recommendations, or has such an Exhibit been prepared by the staff?

A Such an Exhibit has been prepared.

MR. PAYNE: I move this Exhibit be introduced.

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

(Whereupon, Exhibit No. 1 was received in evidence.)

MR. PORTER: Mr. Nutter, I missed the top of perforations in the well discovered in the Vacuum-Abo. Will you refer to your plat for Paragraph (i)?

A Yes, sir. Vacuum-Abo Pool was discovered by the Standard Oil Company's Vac Edge Unit No. 2 Well. The top of the perfora-



ations is 8650 feet.

MR. PORTER: Thank you. Any questions? We will take the case under advisement and adjourn the hearing.

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STATE OF NEW MEXICO)
) ss
COUNTY OF BERNALILLO)

I, LLEWELYN NELSON, 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 under my personal supervision, 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 20th day of January
1961, in the City of Albuquerque, County of Bernalillo, State of
New Mexico.

Llewellyn Nelson
NOTARY PUBLIC

My Commission expires:

June 14, 1964

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