

BEFORE THE
OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

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TRANSCRIPTION OF HEARING

CASE NO. 288

27 July 1951

(DATE)

Original

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BEFORE THE  
OIL CONSERVATION COMMISSION

July 24, 1951

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CASE NO. 288: Skelly Oil Company's application for approval of an oil-gas dual completion of its State "M" Well No. 3, NE SW Section 32, Township 24 S, Range 37 E, NMPM, Langlie-Mattix pool, Lea County, New Mexico.

MR. SHEPARD: The next case is No. 288.

(Mr. Graham reads the Notice of Publication.)

A. F. HOLLAND,

having been first duly **sworn**, testified as follows:

DIRECT EXAMINATION

By MR. SELINGER:

Q State your name.

A A. F. Holland.

Q What is your position with Skelly Oil Company?

A An engineer in the production department.

Q Mr. Holland, have you heretofore testified before the New Mexico Oil Conservation Commission as an engineer?

A I have.

Q Are you familiar with the conditions surrounding the applicant's State "M" No. 3 well, located in the NE $\frac{1}{4}$  of the SW $\frac{1}{4}$  of Section 32, Township 24S, Range 37 E, Lea County?

A Yes, sir, in a general way I am familiar with that location.

Q And are you likewise generally familiar with the area surrounding that particular well?

A Yes, sir, I am.

Q I will hand you what has been designated as Skelly Exhibit No. 1 and ask you to state what that exhibit indicates.

A That exhibit is a plat of the area surrounding the Skelly State "M" No. 3 well in the Langlie-Mattix pool. The area colored in yellow is that acreage operated by Skelly Oil Company. The well circled in red is the well that Skelly asks a dual completion order.

Q Does that exhibit also indicate as nearly up to date as possible the location, approximate location, of oil and gas wells?

A It does to the best of our knowledge, indicate such wells.

Q I hand you what has been designated as Skelly Exhibit 2. Does that give the actual data concerning this particular well?

A This exhibit shows the pertinent information at the time of original completion of the well in October 1949, and the subsequent dual completion which occurred in the month of June 1951.

Q That indicates initially the well produced 378 barrels in eleven and a half hours through a ~~48~~<sup>64</sup> inch choke, is that correct?

A That is the initial potential test on that well.

Q And with respect to the dual gas completion, it indicates the approximate gas measurement of two million three hundred thousand after acidation?

A Yes, sir, that is correct.

Q I will hand you what has been marked as Skelly Exhibit 3 and ask you to state what that is.

A That is a photostat of a portion of a Lane-Wells radio-activity **log** for the Skelly State "M" No. 3, showing thereon the perforations in the 7 inch casing in the Yates zone; showing the casing setting depth and the interval below the casing from which oil from the Seven Rivers zone is produced.

Q Does that also indicate the setting of the packer at 3,390?

A The packer setting depth is noted on the **log**.

Q And indicated in red are the perforations in the Yates gas formation, is that right?

A Yes, that is correct.

Q I now hand you this Skelly Exhibit 4 and ask you to state what that is.

A That is a diagrammatic sketch showing the method of effecting the dual separation in the Skelly State "M" No. 3 well.

Q And it indicates the perforations in the Yates and the production of the oil from the Seven Rivers.

A Production of gas from the Yates is from perforations noted on the sketch.

Q With a top of 3,050 to a bottom of 3,185.

A That is correct. And oil is produced below the 7 inch casing from the interval 3,415 feet to a total depth of 3,550 feet.

Q And you request the Commission to give the applicant permission to dually complete the present oil well so as to

