

BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

IN THE MATTER OF:

Case No. 1579

TRANSCRIPT OF HEARING

JANUARY 7, 1959

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BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

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IN THE MATTER OF: :

Case 1579 Application of Amerada Petroleum Corporation :
for a dual completion. Applicant, in the :
above-styled cause, seeks an order autho- :
rizing it to dually complete its Turner No. :
2 Well located in the NW/4 SW/4 of Section :
17, Township 20 South, Range 38 East, Lea :
County, New Mexico, in such a manner as to :
permit the production of oil from the Warren- :
McKee Pool and oil from an undesignated :
Connell pool through parallel strings of :
tubing. :

-----:
Mabry Hall :
Santa Fe, New Mexico :
January 7, 1959 :

BEFORE:

Elvis A. Utz, Examiner.

TRANSCRIPT OF HEARING

MR. UTZ: We will proceed to Case 1579.

MR. PAYNE: Case, 1579, "Application of Amerada Petroleum Corporation for a dual completion."

MR. KELLAHIN: Jason Kellahin, Kellahin and Fox, Santa Fe, New Mexico, representing the applicant.

We have the same witness that appeared in the preceding case, Mr. Broschat.

RICHARD E. BROCHAT

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

DIRECT EXAMINATION

BY MR. KELLAHIN:

Q State your name, please?

A My name is Richard E. Broschat.

Q You are the same Mr. Broschat who testified in Case 1578?

A Yes, sir.

Q Are you familiar with the application in Case 1579, Mr. Broschat?

A Yes, I am.

Q What is proposed to be done in that application?

A In Case Number 1579, we propose to dually complete the Fred Turner, Junior Number 2 in such a way as to produce this well from the McKee and the Connell formations through parallel strings of 2 1/16 inch tubing.

(Whereupon, the documents were marked as Applicant's Exhibits One, Two and Three for identification).

Q (By Mr. Kellahin) Referring to what has been marked as Exhibit Number One, will you state what that shows?

A Exhibit Number One is a map of a portion of the Warren-McKee field. It shows the subject well, the Fred Turner, Junior Number Two, circled in red, it shows the location of the offset wells and lease ownership in that area.

Q Referring to what has been marked as Exhibit Number Two, would you state what that is?

A Exhibit Number Two is a diagramatic sketch of the proposed dual completion. It shows the casing program, 13 3/8 inch casing set at 296 feet, 8 5/8 intermediate set at 3710 feet and 5 1/2 inch casing set at 9270 feet. It shows the perforations in the McKee formation from 8996 to 9085 feet and the perforations in the Connell from 9,245 feet to 9,263 feet and a Baker Model "D" production packer set at 9100 feet, and again we will have two parallel strings of 2 1/16 inch tubing.

MR. UTZ: Hydrill tubing, isn't it?

A Hydrill, yes sir.

Q (By Mr. Kellahin) In this well, is the McKee formation flowing?

A The McKee formation is flowing.

Q How about the Connell, do you have any information on it?

A We anticipate that the Connell will flow also.

Q Now, do you have any pressure information on the two zones, Mr. Broschat?

A Yes, we have. In this well, the bottomhole pressure in the McKee, run on May 15, 1958, was 1,026 PSI at a minus 5500, and we did run a bottomhole pressure in the Connell and we got 3474 PSI at a minus 5700 feet.

Q Do you have any information on the gravities of the fluids of the two formations?

A The gravity of the McKee is 44 degrees, and the only

test that we have on the Connell as far as the gravity is concerned was the drill stem test back in 1953, I believe, and got a gravity of 54 degrees.

Q Do you have any information on the type of crude in the two formations?

A The McKee, of course, is a sweet crude, and we have no information on the Connell.

Q Is this type of completion which you are proposing, in your opinion, adequate to protect the two formations, communication between the two?

A Yes, it is.

Q Is the type of completion proposed such that it will permit you to make any tests that may be required by the Commission?

A Yes, it will.

Q Are you willing to make such tests?

A Yes, sir.

Q In your opinion, is this in the interests of conservation and the protection of the two formations?

A Yes sir, it is.

Q Do you have a log of the subject well?

A Yes, I have a log of the subject well, the Fred Turner, Junior Number 2, on which the perforations have been marked.

MR. KELLAHIN: I would like to have that marked as Exhibit Number Three.

(Whereupon, the document was marked as Applicant's Exhibit

Number Three for identification).

Q (By Mr. Kellahin) You say the perforations have been marked on the two zones?

A Yes, the perforations on the two zones have been marked.

Q Were Exhibits One, Two and Three prepared by you or under your direction or supervision?

A Yes, sir.

MR. KELLAHIN: At this time, we would like to offer in evidence Exhibits One, Two and Three.

MR. UTZ: Without objection, Exhibits One, Two and Three will be accepted.

MR. KELLAHIN: That's all the questions we have.

MR. UTZ: Are there questions of the witness?

MR. FISCHER: You say the McKee will flow?

A The McKee is flowing at the present time.

MR. FISCHER: And the Connell?

A We anticipate that it will flow.

MR. FISCHER: If you did have to put a pump on the Connell, what type of pump do you think you would put on there, Mr. Broschat?

A It would be a conventional beam-type pumping unit.

MR. FISCHER: All right. And I will ask the same question as before, will the tubing be bull plugged or run in a cage?

A We will run a cage in there.

MR. FISCHER: That's all the questions I have, thank you.

MR. UTZ: Any other questions of the witness?

If not, the witness may be excused.

(Witness excused).

MR. UTZ: Are there other statements to be made in this case?

If not, the case will be taken under advisement.

Off the record.

(Discussion off the record).

STATE OF NEW MEXICO)
: SS
COUNTY OF BERNALILLO)

I, JERRY MARTINEZ, Notary Public in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Hearing was reported by me in Stenotype and that the same was reduced to typewritten transcript by me and contains a true and correct record of said hearing, to the best of my knowledge, skill and ability.

DATED this 21st day of January, 1959, in the City of Albuquerque, County of Bernalillo, State of New Mexico.

Jerry Martinez
Notary Public

My Commission Expires:
January 24, 1962

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 1579 heard by me on Jan 2, 1959.
Arnold L. Jaffe, Examiner
New Mexico Oil Conservation Commission