

BEFORE THE
OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

TRANSCRIPTION OF HEARING

CASE NO. 307

September 20, 1951
(Date)

BEFORE THE
OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

In re:

In the Matter of Application of)
Amerada Petroleum Corporation for)
an order excepting it from Rule 404)
of the Rules and Regulations of the)
New Mexico Oil Conservation Commission)
in the specific matter of gas-lift)
operations with gas from its Birdie C.)
Roach well No. 1 in NW SW Section 26,)
Township 12 South, Range 33 East, NMPM,)
Hightower Pennsylvanian Pool, Lea County,)
New Mexico.)

No. 307

TRANSCRIPT OF HEARING

Regular Hearing
September 20, 1951.

(Notice of Publication read by Mr. Kellahin before proceeding with
the evidence.)

MR. KELLOUGH: By way of explanation I wish to say that this is an application by Amerada Petroleum Corporation for an exception to Rule 404 so as to be permitted to use gas from Amerada's Birdie Roach well in the Hightower pool to gas lift wells in the Hightower and the Bagley field.

B. J. SINEX,

having been first duly sworn, testified as follows:

DIRECT EXAMINATION

By MR. KELLOUGH:

Q Will you state your name, please.

A B. J. Sinex.

Q Where do you live?

A Monument, New Mexico.

Q What is your profession or occupation?

A Petroleum engineer.

Q What has been your professional education?

A Four years in the University of Oklahoma. Education was four and I had two years with Lyon Oil Refining Company, Eldorado and eleven years with Amerada.

Q You received your degree from Oklahoma University?

A Right.

Q Are you now employed by Amerada?

A Yes, sir.

Q In what capacity?

A Petroleum engineer.

Q Are you familiar with the area involved in this proceeding?

A Yes, sir.

(Marked Exhibit No. 1, Case No. 307 for identification.)

Q I hand you what has been marked as Exhibit No. 1 and ask you to state what this Exhibit shows and what it is.

A At the top of the map we have outlined in red the Bagley field and at the bottom we have outlined in red the Hightower field. The sub well, the Birdie C. Roach has a red circle around it. The number one and the pay wells are shown by a dot with the Circle Around and the Devonian have just the dot and no circle.

Q Would you state for the record the location of the Birdie Roach well?

A It is located in the northwest quarter of the southwest quarter of Section 26, Township 12, South Range 33 East.

Q When was the well completed?

A January 13, 1950.

Q What formation?

A Pay.

Q Was that well completed as a gas well?

A Yes, sir.

Q At what depth was that well produced from?

A Through perforation at 8660 to 8665.

Q What was the open flow potential of that well?

A The open flow was 8 million 3 hundred thousand cubic feet per day.

Q Is there any market available in the field for gas from that well?

A There is, I might say, a limited market. We do sell some gas from this well for fuel purposes for the drilling.

Q No refinery in the field?

A No pipeline connection.

Q No pipeline connection?

A No, sir.

Q You are making a few sales for fuel?

A Right.

Q Are you using some of the gas for fuel on your own operation?

A Yes, sir.

Q In your opinion is it necessary and will it be necessary to gas lift wells in this Hightower and Bagley field?

A Yes, it will. We will probably have low gas oil ratios and water encroachment and we are lifting at the Hightower field and the Bagley field at the present time. We have installed gas lift now.

Q You are now using such casing head gas from oil wells as you have available, is that right?

A That is right. We have two wells of sufficient pressure flowing to that line.

Q It is your intention if permitted by the Commission to supplement that gas with the gas from the Roach wells?

A That is right.

