

BEFORE THE
OIL CONSERVATION COMMISSION
FEBRUARY 25, 1960
SANTA FE, NEW MEXICO

IN THE MATTER OF :

CASE 1908: Application of Val R. Reese & Associates, Inc. :
for an oil-gas dual completion. Applicant, in :
the above-styled cause, seeks an order author- :
izing the dual completion of its Sperling Well :
No. 1-30, located in Unit I, Section 30, Town- :
ship 24 North, Range 6 West, Rio Arriba County, :
New Mexico, in such a manner as to permit the :
production of oil from the Gallup formation :
adjacent to the Escrito-Gallup Oil Pool and the :
production of gas from the Dakota Producing :
Interval through parallel strings of 2 3/8-inch :
tubing. :

BEFORE:

Elvis A. Utz, Examiner.

TRANSCRIPT OF HEARING

MR. UTZ: Case 1908.

MR. FLINT: Case 1908. Application of Val R. Reese & Associates, Inc. for an oil-gas dual completion.

MR. ERREBO: Burns Errebo, Modrall, Seymour, Sperling, Roehl & Harris of Albuquerque, appearing on behalf of the applicant.

MR. FLINT: You have one witness?

MR. ERREBO: Yes.

(Witness sworn)

DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO



LOUIS C. JAMISON,

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

DIRECT EXAMINATION

BY MR. ERREBO:

Q State your name, please.

A Louis C. Jamison.

Q By whom are you employed and in what capacity?

A Val R. Reese & Associates, Incorporated, Albuquerque, as geologist.

Q Have you previously testified before this Commission --

A Yes, sir, I have.

Q -- in connection with dual completion hearings?

A Yes, I have.

Q Actually, your previous testimony was in connection with the Reese No. 1-19 in Section 19, immediately to the north, is that correct?

A That's correct.

Q You qualified as a witness in that previous hearing?

A Yes, I did.

Q I hand you applicant's Exhibit No. 1 and ask you to identify and explain what it shows?

A Exhibit No. 1 is an ownership plat showing the location of the proposed gas-oil dual, the No. 1-30 Sperling in the NE of the SE of Section 30, 24 North, Range 6 West, Rio Arriba



County, New Mexico.

Q Mr. Jamison, has this well been drilled and completed?

A Yes, it has.

Q And in what formation is it completed?

A It is completed in the Gallup, and in the Dakota formation. The calculated absolute open flow on the Dakota is 696 MCF, and the initial potential on the Gallup is 242 barrels of oil per day.

Q I'll now ask you to refer to Exhibit No. 2 and identify it and explain what it shows?

A Exhibit No. 2 is an induction electrical log on the No. 1-30 Sperling Well. The tops and bottoms of the two producing zones and the perforations have been marked on the detailed section of the log.

Q Approximately how many feet are there from the bottom of the upper zone to the top of the lower zone?

A The base of the Gallup is at 5533, and the top of the Dakota at 6282. So, it would be about, over 750 feet.

Q Now, I ask you to refer to applicant's Exhibit No. 3 and identify it and explain what it shows, briefly?

A Exhibit No. 3 is a diagrammatic sketch of the No. 1-30 Sperling Well. It shows the mechanics of producing the well through parallel strings of tubing with a permanent type Baker Model "D" production packer set at 6370 feet.



Q Actually, is this the same type of down hole equipment as was used in the Reese No. 1-19?

A Yes, it is.

Q Both wells are completed in the same zones?

A That is correct.

Q Is there anything further that you have to add with regard to this Exhibit or any of the previous Exhibits?

A No, I have nothing.

Q I might ask you this. Is there any problem of corrosion from the well fluids produced from these formations?

A No, there is not.

Q Is it your opinion that this Baker Model "D" production packer, as shown on your Exhibit No. 3 will effectively separate the two formations?

A It is.

Q Is it your opinion that there will be no danger of communication between the two?

A Yes, it is.

Q Is it your intention, or have you already run tests to determine that these two formations are effectively separated?

A Yes, we've taken packer leakage tests, and have filed that with the Commission.

Q Do you have anything further to add?

A No, I don't.

Q Is it your opinion, then, that this application will



prevent waste and will not impair any correlative rights?

A Yes, it is.

MR. ERREBO: That's all we have.

CROSS EXAMINATION

BY MR. UTZ:

Q Do you have bottom hole information on the Gallup?

A Not bottom hole, no, sir. I can give you shut-in pressure surface.

Q All right, sir.

A The Gallup, after seven days shut-in was 1628. The Dakota, also after seven days, was 1909 PSIG.

Q What is the gravity of these two zones?

A The gravity of the oil from the Gallup is 40, and the Dakota is a gas completion.

Q What gravity is the gas?

A I have an estimated gravity here, I believe, point 63.

Q Did you calculate the bottom hole pressure, by any chance?

A No, I haven't.

Q What is the top of the cement on the 7-inch?

A 4770.

Q So, you have open hole between 4770 and 230 feet, is that right?

A Yes, that is correct.



Q What formations are in that interval?

A The Mesaverde and the Pictured Cliffs. However, the Pictured Cliffs is very poorly developed in this area, and the Mesaverde is water productive.

Q Does the Mesaverde produce much water in this area?

A Upon fracture completion you would have water production, but upon perforating part of the fracture there would probably be no water production.

Q Is this on the southwest flange of the South Blanco Pictured Cliffs?

A Yes, sir, extremely southwest.

Q How close is the nearest Pictured Cliffs well?

A Probably about three miles.

Q Is this common procedure in this area to leave these two formations open?

A Yes, sir, it is. However, on our No. 1-19 Well, we did use a D V tool to protect the Pictured Cliffs. However, request was made to eliminate that from this well as it has been done in other wells in the area, and such request was granted.

Q That was from the Aztec office, or is this a Federal well?

A Federal. It was from the U.S.G.S.

MR. UTZ: Are there any other questions of the witness?

MR. ERREBO: That's all we have, Mr. Examiner.

DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO



MR. UTZ: The witness may be excused.

(Witness excused)

MR. UTZ: Any statements in this case? The case will be taken under advisement.

DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO



