

BEFORE THE
Oil Conservation Commission

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Hobbs, New Mexico
October 17, 1955

Examiner Hearing

IN THE MATTER OF:

CASE NO. 968

TRANSCRIPT OF PROCEEDINGS

ADA DEARNLEY AND ASSOCIATES

COURT REPORTERS
605 SIMMS BUILDING
TELEPHONE 3-6691
ALBUQUERQUE, NEW MEXICO

BEFORE THE
OIL CONSERVATION COMMISSION
Hobbs, New Mexico
October 17, 1955

IN THE MATTER OF:

Application of Continental Oil Company for approval of a 200-acre non-standard gas proration unit in the Eumont Gas Pool, to consist of SW/4 and SW/4 NW/4 of Section 10 Township 20 South, Range 37 East, Lea County, New Mexico, and to be dedicated to applicant's Britt B-10 Well No. 1, located 660' FSL and 330' FWL of said Section 10.

Case No. 968

BEFORE:

Warren W. Mankin, Examiner

TRANSCRIPT OF HEARING

HEARING EXAMINER MANKIN: The next case is Case 968.

E. V. BOYNTON,

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

DIRECT EXAMINATION

By MR. KELLAHIN:

Q Will you state your name, please?

A E. V. Boynton.

Q Are you the same Mr. Boynton who testified in Case 967?

A I am, yes, sir.

Q Mr. Boynton, are you familiar with Continental's application in Case 968?

A Yes, I am.

Q What does that application cover?

A This is an application for a 200-acre proration unit in Section 10, Township 20 South, Range 37 East, Lea County, New Mexico.

Q Have you prepared an exhibit showing the area involved in this application, Mr. Boynton?

A Yes, sir, I have. May I pass this?

(Marked Continental's Exhibits No. 1 through 4, for identification.)

Q Referring to Exhibit No. 1, Mr. Boynton, what does that show?

A This shows our Britt B-10 lease, located in Section 10, Township 20 South, Range 37 East, along with the footage location of our Well No. 1, and the acreage in this lease outlined in red.

Q Is the area outlined in red entirely located within the same basic lease as Number 1?

A It is, yes, sir.

Q What is the location of the well in which this acreage would be dedicated?

A The Britt B-10 No.1 is located 660 feet from the south and 330 feet from the west lines of Section 10.

Q Referring to Exhibit Number 2, what does that exhibit show?

A This is an ownership plat of the area showing offset gas wells circled in green and offset proration units outlined in green. It has a proration unit presently assigned to the Britt B-10 No. 1, shown in solid red line, and the proposed unit outlined with the dashed red lines. It also has Continental acreage in the area cross-hatched in yellow.

Q Does the proposed unit include -- What area does it include

in addition to the present proposed unit?

A It includes the southwest quarter of the northwest quarter of Section 10.

Q Now, referring to Exhibit Number 2, Mr. Boynton, is there production from the Eumont Gas Pool vertical and horizontal of Eumont Gas Pools to the west?

A Yes, there is.

Q Is there to the south?

A Yes, sir.

Q Is there to the east?

A To the northeast, it is, not immediately to the east, no.

Q And is there to the north?

A Yes, sir.

Q In your opinion, is all of the acreage within the proposed unit reasonably presumed to be productive of gas?

A Yes, it is.

Q Now, according to your plat, that would leave the southeast quarter of Section 10 outside of any unit. What do you propose to do with that?

A We propose to communitize J. M. Skaggs 80 acres in Section 11 with the H. M. Britt B Lease, and drill a well for the development of that 320 acres consisting of the southwest quarter of Section 11 and the southeast quarter of Section 10.

Q Now, referring to that, the plat, there appears to be a dry well located in the northwest quarter of the southwest quarter of Section 10. Are you familiar with that well?

A I have studied the available records on it, yes, sir.

Q What did you find in connection with that well?

A This well was drilled during 1929 and it was potentialized for 92 barrels of oil, plus 748 barrels of water per day. It was drilled as a Grayburg at a depth of 2,032 feet. During 1940 the well started producing 100 percent water; it was plugged and abandoned in October of 1940. At that time they made no attempt to complete the well as a gas well. However, there is no electric and radioactive log on the well, but from the sample description we did have good sand development throughout the Yates, not throughout, but in certain intervals of the Yates, Seven Rivers and Queen Formations. And, I believe that the gas well could have been made if it could ever be so desired.

Q Was any effort ever made to complete a Eumont Gas Well?

A No, sir.

Q Now, referring to Exhibit Number 3, Mr. Boynton, what does that show?

A This is the reproduction of the log of Britt B-10 Number 1, showing the productive interval. It shows the casing was set into the top of the Grayburg, but the well has been plugged back to a depth of 3635 feet, which is in the Queen Formation, and perforated intervals producing from 3510 to 3594 feet.

Q Is that located within the vertical limits of the Eumont Gas Pool?

A It is, yes, sir.

Q And is the acreage that you seek to dedicate to that well in the horizontal limits of the Eumont Pool?

A Yes, sir.

Q When was the well Britt B-10 Number 1 completed?

A It was completed November 18, 1937.

Q What is the casing program on that well, how was it completed? Do you have that information?

A I probably do. I don't see it here now, but it was approximately 3720 feet.

Q I will ask you this question then, Mr. Boynton, is any portion of the well open in any pool other than the Eumont Gas Pool?

A It is not, no, sir.

Q Now, referring to Exhibit Number 4, Mr. Boynton, what does that show?

A Exhibit Number 4 is an openflow computation test taken on Britt B-10 Number 1 October the 11th, 1955.

Q What does it indicate as to the ability of this well to produce?

A It shows that the well is capable of producing 2,200 MCF per day at zero bottom hole pressure, at 600 pounds deliverability of 1,230 MCF per day, and deliverability of 150 pounds, 2,080 MCF per day; shut-in pressure per day is 934.2 percent absolute.

Q Does the well produce any liquids?

A No, sir, it does not.

Q Are the means by which you have calculated the openflow potential which you have given here, attached to the Exhibit No. 4?

A Yes, sir, we have a data sheet and also a graphical solution to it.

Q Based on these tests and the information you have given in regards to this well, could it, in your opinion, make an allowable for the acreage assigned to it in the event this application is approved by the Commission?

A I believe that it could, yes, sir.

HEARING EXAMINER MANKIN: Any questions of the witness? If not, the witness may be excused.

(Witness excused.)

HEARING EXAMINER MANKIN: Do you wish to enter these exhibits?

MR. KELLAHIN: I offer in evidence, Exhibits 1 through 4 in Case 968.

HEARING EXAMINER MANKIN: Is there objection to the entering of these exhibits in the record? If not they will be so entered in the record. Are there any statements to be made in this case? If not we will take the case under advisement.

STATE OF NEW MEXICO)
 : SS.
COUNTY OF BERNALILLO)

I, AMADO TRUJILLO, Court Reporter, do hereby certify that the foregoing and attached transcript of proceedings before the New Mexico Oil Conservation Commission Examiner at Hobbs, New Mexico is a true and correct record to the best of my knowledge, skill and ability.

DATED at Albuquerque, New Mexico, this 31st day of October, 1955.

Amado Trujillo

Court Reporter

BEFORE THE
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SANTA FE, NEW MEXICO

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