

BEFORE THE  
**Oil Conservation Commission**  
SANTA FE, NEW MEXICO  
August 17, 1955

IN THE MATTER OF:

CASE NO. 932

**TRANSCRIPT OF PROCEEDINGS**

**ADA DEARNLEY AND ASSOCIATES**

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

BEFORE THE  
OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
August 17, 1955

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IN THE MATTER OF:

Application of El Paso Natural Gas Company  
for approval of a 320-acre non-standard gas  
proration unit in the Jalmat Gas Pool, Lea  
County, New Mexico, to consist of W/2  
Section 29, Township 26 South, Range 37  
East, and to be dedicated to applicant's M.  
L. Parker No. 1 Well, NW/4 NW/4 of said  
Section 29.

Case No. 932

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BEFORE:

Honorable John F. Simms  
Mr. E. S. (Johnny) Walker  
Mr. William B. Macey

TRANSCRIPT OF HEARING

MR. MACEY: The next case on the docket is Case 932.

MR. HOWELL: We have two witnesses to be sworn.

(Witnesses sworn.)

J. J. B O W D E N ,

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

DIRECT EXAMINATION

By MR. HOWELL:

Q Mr. Bowden, will you state your name for the record?

A J. J. Bowden.

Q What is your connection with El Paso Natural Gas Company?

A Area land man for the Lease Department of El Paso.

Q Are you familiar with the ownership of gas rights in Section

29, Township 26 South, Range 37 East, where this M. L. Parker No. 1 Well is located?

A I am.

Q Will you state to the Commission who is the owner of gas rights to a depth of 4,000 feet in the west half of the west half of that section?

A El Paso Natural Gas Company.

Q As to the east half of the west half, who is the owner of all rights in there?

A El Paso Natural Gas Company.

Q Both oil and gas?

A Yes.

Q So that, as to the entire west half of Section 29, El Paso Natural Gas Company owns all gas rights to a depth of 4,000 feet?

A That is right.

MR. HOWELL: I think that is all for this witness.

MR. MACEY: Any questions of the witness?

(Witness excused.)

L A R R Y C. Z I N K ,

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

DIRECT EXAMINATION

By MR. HOWELL:

Q Mr. Zink, will you state your name for the record?

A Larry C. Zink.

Q You have testified before the Commission before as an engineer, have you not?

A I have never testified before this Commission, no, sir.

Q Will you state to the Commission your training, professional training?

A I am a graduate engineer of Texas College of Mines and Metallurgy, with a degree in Master of Science and Mining Engineer, and Geology optional.

Q What experience have you had?

A I have had six years as Division Geologist for El Paso Natural Gas.

Q Are you registered as an engineer in the State?

A Yes, sir.

Q Have you supervised drilling operations for El Paso Natural Gas Company in the Lea County area?

A Yes, sir.

Q Have you prepared, or had prepared under your supervision, a plat showing the west half of Section 29, Township 26 South, Range 37 East in Lea County?

A Yes, sir.

Q Do you have copies?

A Yes, sir.

MR. HOWELL: Will you please mark this as Exhibit 1?

(Marked El Paso Natural Gas Company's Exhibit No. 1, for identification.)

Q Referring to Exhibit 1, will you state to the Commission what is reflected on that plat?

A It shows the location of the El Paso Natural Gas Parker No. 1, including the offset wells to the west and also to the north, and with no wells being offset to the south.

Q Are there any other wells at all located on the Section 29?

A No, sir.

Q You have shown on this plat the location of wells in offset sections?

A Yes, sir.

Q What was the date of completion of the El Paso Natural Gas Company's Parker No. 1?

A This well was completed April 14, 1935.

Q Has it been producing some 20 years?

A Yes, sir.

Q Have you made, or had made under your supervision, a study as to the number of acres which could reasonably be drained by this well?

A Yes, sir, we have.

Q State to the Commission the basis of the study, the known figures that you used and the assumptions that you made.

A Based upon the production history on this well, the amount of gas that it has produced with the pressure, and making a volumetric study through January, 1954, this well had produced 8,580,463,000 cubic feet. Based on the volume study and the pressure decline, we have estimated the amount of gas that was originally in place, assuming a pay thickness of 50 feet, based upon --

Q (Interrupting) Let me interrupt just a minute. Why did you assume a pay thickness of 50 feet?

A That was based on the study of surrounding wells and the producing section that was indicated in the logs and the study of the surrounding wells.

Q You have a log of the Parker No. 1?

A No, sir, we do not.

Q There was no log made at the time it was drilled and completed in 1935?

A No, sir, nothing other than a sample log. Based upon that figure, on our estimates, the Parker would drain in excess of 587 acres.

Q State whether or not in your opinion, the entire 320 acres in the west half of Section 29 may reasonably be presumed to be productive of gas?

A I think, based upon the production history and our studies, plus the geological studies, that this well would drain the 320 acres.

MR. HOWELL: I think that is all.

MR. MACEY: Any questions of the witness? Mr. Nutter?

CROSS EXAMINATION

By MR. NUTTER:

Q Perhaps I should have asked Mr. Howell's first witness this question, but, as I understand it, this well is plugged back to 3,043 feet.

A That is correct.

Q El Paso owns the gas rights in the west half of the west half of Section 29, down to a depth of 4,000 feet?

A That is right.

Q They own all the gas and oil rights, regardless of depth, in the east half of the west half?

A That is right.

Q Therefore, no communitization of the property is necessary to give this well the 320-acre allowable?

A That is correct.

MR. NUTTER: That is all.

MR. MACEY: Anyone else have a question of the witness? If not the witness may be excused.

(Witness excused.)

MR. HOWELL: That is all our evidence in Case 932.

MR. MACEY: Mr. Howell, did you offer that exhibit in evidence?

MR. HOWELL: I did not. I would like to offer Exhibit No. 1 in evidence.

MR. MACEY: The exhibit will be received. If nothing further we will take the case under advisement.

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

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

IN WITNESS WHEREOF I have affixed my hand and notarial seal this 18th day of August, 1955.

*Ada Dearnley*  
Notary Public, Court Reporter

My Commission Expires:  
June 19, 1959.

BEFORE THE  
**Oil Conservation Commission**  
SANTA FE, NEW MEXICO  
July 14, 1955

IN THE MATTER OF:

CASE NO. 931 and 932

**TRANSCRIPT OF PROCEEDINGS**

**ADA DEARNLEY AND ASSOCIATES**

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

BEFORE THE  
OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
July 14, 1955

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IN THE MATTER OF: )

Application of El Paso Natural Gas Company )  
for approval of a 440-acre non-standard gas )  
proration unit in the Jalmat Gas Pool, Lea )  
County, New Mexico, to consist of S/2, S/2 )  
NW/4, NW/4 NW/4 of Section 33, Township 25 )  
South, Range 37 East, and to be dedicated )  
to applicant's Gregory Federal No. 1 Well )  
located in the NW/4 SE/4 of said Section 33. )

No. 931

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IN THE MATTER OF: )

Application of El Paso Natural Gas Company )  
of approval of a 320-acre non-standard gas )  
proration unit in the Jalmat Gas Pool, Lea )  
County, New Mexico, to consist of W/2 )  
Section 29, Township 26 South, Range 37 East )  
and to be dedicated to applicant's M. L. )  
Parker No. 2 Well, NW/4 NW/4 of said Section )  
29. )

No. 932

-----  
BEFORE:

Honorable John F. Simms  
Mr. E. S. (Johnny) Walker  
Mr. William B. Macey

TRANSCRIPT OF HEARING

MR. MACEY: The next cases on the docket are Cases 931 and  
932. Mr. Howell.

MR. HOWELL: If it please the Commission, the El Paso  
Natural Gas Company, the proponent, would like to ask for a contin-  
uance of these cases to the August hearing.

In Case 931 there has been a well completed by another operator  
within this 440-acre area and we could not have the completion data

which we think we should have before us in order to present it to the Commission; and in the other case, we have some question of notice we would like to resolve. We move for continuance in both cases.

MR. MACEY: Is there objection to continuance of Cases 931 and 932? If not, they will be heard at the August 17 hearing.

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STATE OF NEW MEXICO )  
  : ss  
COUNTY OF BERNALILLO )

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

IN WITNESS WHEREOF I have affixed my hand and notarial seal this 19th day of July, 1955.

*Ada Dearnley*  
Notary Public, Court Reporter

My commission expires:  
June 19, 1959.