

BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

In the Matter of:

CASE 2092 Application of Rock Island Oil & Refining Company, Inc. for an amendment of Order No. R-1352 to permit the drilling of an additional injection well. Applicant, in the above-styled cause, seeks an amendment of Order No. R-1352 to permit the expansion of the waterflood project as authorized therein for the Rhodes Pool by the drilling of an additional injection well to be located 30 feet from the South line and 2537 feet from the West line of Section 35, Township 26 South, Range 37 East, Lea County, New Mexico.

Mabry Hall
State Capitol Building
October 5, 1960

BEFORE:

Elvis A. Utz, Examiner.

TRANSCRIPT OF PROCEEDINGS

MR. UTZ: Case Number 2092.

MR. PAYNE: Case 2092, "Application of Rock Island Oil & Refining Company, Inc. for an amendment of Order No. R-1352 to permit the drilling of an additional injection well."

MR. McKENNA: Mr. Examiner, Tom McKenna, McKenna and Sommer, appearing for the Applicant, Rock Island. I have one witness, Mr. C. C. Chapin.

(Witness sworn in.)

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C. C. CHAPIN

a witness, called by and on behalf of the Applicant, having first been duly sworn, was examined and testified as follows:

DIRECT EXAMINATION

BY MR. McKENNA:

Q Can you state your name, sir?

A C. C. Chapin.

Q C-H-A-P-I-N?

A Yes, sir.

Q By whom are you employed?

A Rock Island Oil and Refining Company.

Q And in what capacity, Mr. Chapin?

A I am manager of the Production Department.

Q Have you testified at this Commission previous hereto?

A Yes, sir.

Q Did you testify at the time of the request for the waterflood project here involved?

A I believe so, yes sir.

Q Can you state to the Commission the relief that you are requesting this morning?

A Well, we wish to drill Injection Well Number 12 on our Wells Lease at an irregular location --

Q Can you give the Commission the boundary and the location of that well?

A Well Number "A" 12, we wish to drill 2537 feet east



of the west line of Section 35, and 30 feet north of the south line of Section 35.

Q Do you have the location from the middle section line?

A The footage of Number 12 Well from the middle section line would be 103 feet, it would be 103 feet from the--west of the middle section line.

Q And is it true that this is to be a water injection well?

A Yes, sir.

Q Can you explain to the Commission why you deem it advisable to have the well located where you desire to locate it?

A Well, we are off thirty feet off the right-of-way of the Texas-New Mexico Railway, and that right-of-way is east of our proposed location, and adjoining the railroad right-of-way is Highway Number 18. The total width of these two rights-of-way is something like a little over four hundred, is over four hundred feet, and if we don't put Number 12 where we propose to do, we'll have to move it about four hundred twenty-four feet further east.

Q And how would this affect your flood program?

A We don't want to put it over there for two reasons: One, we would have to tunnel under the railroad and the highway, and that would put the well about some nine hundred feet from the, some nine hundred feet from the injection well, which would be excessive, that would put the injection well about nine hundred feet from the nearest producing well, which would be excessive, then in addition to that, the formation east of where we can put it now, the formation rises



and is very tight. We don't think the floodwater would inject very well in a high and tight formation four hundred feet further east.

Q In your opinion, is this request in keeping with the principles of conservation and prevention of waste?

A Yes sir, I believe it is.

Q Do you know whether or not this request if granted will impair correlative rights?

A No, it won't; I don't see how it would, no sir.

(Thereupon, the document was marked as Applicant's Exhibit Number One for identification.)

MR. MCKENNA: Mr. Examiner, I would like to move, offer in evidence Applicant's Exhibit Number One, which is a copy of the application and a copy of the plat showing the location of the requested unorthodox location for Well Number 12, and this will conclude the direct testimony.

MR. UTZ: Without objection, the exhibit will be entered into the record. Are there questions of the witness?

MR. PAYNE: Yes, sir; Mr. Chapin, do you feel that locating the well at your proposed location will result in a more thorough and efficient sweep of the oil than will be the case if you had to move east of State Road 18?

A Yes, we do, yes sir.

MR. PAYNE: What kind of success have you had with this well?



A It hasn't become effective yet; we started injection November 17th in '59 and we haven't had any results. We don't anticipate any yet, it's a little early.

MR. PAYNE: I see; thank you.

A Yes, sir.

MR. UTZ: Any other questions? The witness may be excused.

(Witness excused.)

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

MR. McKENNA: Thank you.

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WITNESS

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Direct Examination by Mr. McKenna

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