



BEFORE THE
OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

CASE 448:

Wilson Oil Company's application for permission to drill 14 unorthodox locations in Sections 7 and 18, Township 21 S, Range 35 E, and in Sections 13 and 23, Township 21 S, Range 34 E, all in the Wilson Pool.

TRANSCRIPT OF HEARING

December 16, 1952

BEFORE: Hon. Ed. Mechem, Governor and Chairman
Hon. Guy Shepard, Land Commissioner and Member
Hon. R. R. Spurrier, Director and Member

STATE OF NEW MEXICO

SS

COUNTY OF BERNALILLO

I HEREBY CERTIFY That the within transcript of hearing in the above styled case before the Oil Conservation Commission of the State of New Mexico is a true record of the same to the best of my knowledge, skill and ability.

DONE at Albuquerque, New Mexico, December 20, 1952.

E. E. Greeson
Reporter

MR. SPURRIER: We will move on to Case 448.

(Mr. Graham reads the notice of publication.)

MR. SETH: Mr. Raymond Lamb will be our witness.

RAYMOND LAMB,

having been first duly sworn, testified as follows:

DIRECT EXAMINATION

BY MR. SETH:

Q Will you state your name, please?

A Raymond Lamb.

Q Are you an officer of the Wilson Oil Company?

A That's right.

Q Are you familiar with this application for these unorthodox locations?

A I am.

Q Are you generally familiar with the conditions in the area covered by the applications?

A That's right.

Q Have you had occasion to do work in the field and to be in active charge of engineering and geology work of the company in this area?

A That's right.

Q Have you prepared a map showing the proposed locations?

(Whereupon the witness handed up a map which was

marked Exhibit 1.)

Q Will you describe to the Commission, please, Mr. Lamb, what this map shows, and describe the proposed locations?

A This map shows the proposed unorthodox locations shown by a large circle colored in red, and also a footage of these locations from the section lines. It also shows all the producing wells and all wells drilled in the 21-34-35 area.

Q Now, will you start at one end of it and describe the locations?

A On the northeast the Wilson State 1 A in the southwest of the northeast of Section 7-21-35. Shell State No. 15 in the northeast southwest of Section 7. Shell State 16 in the northwest of the northwest of Section 18-21-35. And an amended location, Shell State 17 to be in the northeast of the northeast of Section 13-21-34 instead of in the southwest northeast. This amendment has been filed.

Q But the change of location does not appear on Exhibit 1, does it?

A That's right.

MR. MACEY: What is the exact footage of that well, if you have it?

A The old or new one?

MR. MACEY: The new one.

A It will be 1270 feet from the north and 990 from the east.

The next one would be Amerada State No. 2A in the southwest of the northeast of Section 13. Wilson State A in the northwest of the southeast of Section 13. 9A in the southeast of the northwest. 7A in the northeast of the southwest. 8A in the southwest of the southwest. And 14A in the northwest of the southwest. Those are all in Section 13.

In Section 23-21-34, well No. 18A in the southeast of the northeast. 19A in the southwest of the northeast. And 21A in the northwest of the southeast. And in Section 24, 1 well, No. 24A in the northwest of the southwest.

4b Q Are any of these proposed locations nearer than 330 feet to any offset acreage or other ownership?

A No.

Q How about No. 1A?

A No. 1A is offsetting a lease which is owned by Wilson Oil Company on a Shell farmout, and on which Shell holds one-eighth override.

Q The matter has been discussed with Shell, has it not?

A That's right.

Q Are any closer than 660 feet to any other well drilled or capable of producing from the same formation?

A No.

Q In other ownership.

A No.

Q Are you requesting any change or alteration of any kind in the allowable for the several 40-acre tracts upon which the proposed locations are to be made?

A No change over our allocation system.

Q Is there a previous unorthodox location indicated on this map?

A That's correct.

No. 14 in the center of the southwest quarter of Section 7.

Q Did you secure some further data on the reservoir conditions and the porous zones by reason of the drilling of this well?

A Yes, it was determined that the regular pay zone was somewhat erratic and varying in permeability and ferocity in the area.

Q Would that more or less confirm your previous opinion as to the condition of the porous zone?

A That is correct.

Q Are you otherwise familiar with the subsurface conditions in the area by reason of your direct experience in this area?

A Yes.

Q In your opinion will the drilling of these unorthodox locations lead to the greatest ultimate recovery and the prevention of waste?

A That's right. That is the basis on which they were selected.

MR. SETH: That is all the direct testimony we have, if the Commission please.

MR. SPURRIER: Does anyone have a question of the witness?

MR. WALKER: My name is Walker for Gulf.

Would you call that any particular pattern?

A No. The prediction of the locations were made upon engineering subsurface and geological data and there was no definite pattern because --

MR. WALKER: You don't assign anything to the wells as far as acreage is concerned, where you would have to --

A The tract upon which the well is located, the well will obtain its allowable from that 40-acre unit. There is no other allocation being set up.

MR. WALKER: Still be 40-acre allocation.

A Yes, sir.

MR. WALKER: Some of the tracts have two wells.

A Yes.

MR. WALKER: You do not call it a five-spot, or anything like that.

A No.

MR. SPURRIER: Anyone else?

MR. GRAHAM: What is the purpose of this, Lamb?

A To obtain additional oil that would otherwise not be recovered, George.

MR. GRAHAM: In other words, the existing wells, it is their belief, will not obtain maximum recovery and it will take these wells to recover that oil.

MR. SPURRIER: Any other questions?

MR. SETH: I would like to offer Exhibit 1 to the Commission, please.

MR. SPURRIER: Without objection, it will be received.

MR. SETH: That is all the testimony we have.

The witness may be excused.

MR. SPURRIER: Is there any other comment in the case? If not, we will take the case under advisement and go on to Case 449.

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