

DEARNLEY-MEIER REPORTING SERVICE, Inc.

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ALBUQUERQUE, N. M.
PHONE 243-6691

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
February 21, 1963

EXAMINER HEARING

IN THE MATTER OF:)

)
Application of Continental Oil Company)
for a triple completion, Lea County,)
New Mexico. Applicant, in the above-)
styled cause, seeks approval of the)
triple completion (conventional) of)
its Skaggs B-12, Well No. 5, located)
in Unit C of Section 12, Township 20)
South, Range 37 East, Lea County, New)
Mexico, to produce oil from the Skaggs)
Glorieta, East Weir Blinebry, and Skaggs-)
Drinkard Pools through parallel strings)
of tubing.)

Case 2759

BEFORE: Elvis A. Utz, Examiner.

TRANSCRIPT OF HEARING

MR. UTZ: Case 2759.

MR. DURRETT: Application of Continental Oil Company
for a triple completion, Lea County, New Mexico.

MR. KELLAHIN: Jason Kellahin, Kellahin & Fox,
Santa Fe, appearing for the applicant. I have one witness I
would like to have sworn, please.

(Witness sworn.)

JACOB LEVINE

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



follows:

DIRECT EXAMINATION

BY MR. KELLAHIN:

Q Will you state your name, please?

A Jacob Levine.

Q By whom are you employed and in what position?

A Continental Oil Company, Senior Production Engineer.

Q Mr. Levine, have you ever testified before this Commission?

A No, I haven't.

Q Would you state briefly for the benefit of the Commission your educational background and experience as a petroleum engineer?

A Graduated from Louisiana State University in February, 1951. Upon graduation I was employed by Shell Oil Company as petroleum engineer; worked with Shell Oil Company until September, '56, at which time I went to Creole Petroleum Corporation as a petroleum engineer. Left Creole Petroleum in July of 1962 and have been employed by Continental Oil Company as a petroleum engineer since August, 1962.

Q Where have you been located since 1962, August?

A Eunice, New Mexico.

Q Is that the district which is in charge of the area

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where the subject well is located?

A Yes, sir, it is.

MR. KELLAHIN: Are the witness's qualifications acceptable?

MR. UTZ: They are.

Q Are you familiar with the application of Continental Oil Company in Case 2759?

A Yes.

Q Will you state briefly what is proposed by Continental in this case?

A Continental proposes a conventional triple completion in the Skaggs Glorieta, Skaggs-Drinkard and East Weir Blinebry Pools, Lea County, New Mexico.

(Whereupon, Applicant's Exhibit No. 1 was marked for identification.)

Q Referring to what has been marked as Exhibit No. 1, will you identify that exhibit and state what is shown thereon?

A The proposed location in Unit C of Section 12, Township 20 South, Range 37 East, Lea County, New Mexico. The legend is self-explanatory, indicating the wells, in which pools they are completed, and which pools are triply completed.

Q Are there triple completions made in this area involving the same zones as are the subject of this hearing?



A Yes, there are.

Q Tubingless completions?

A Yes, there are.

(Whereupon, Applicant's Exhibits No. 2 was marked for identification.)

Q Refer to what has been marked as Exhibit 2. Will you identify that exhibit and discuss the information thereon?

A The exhibit shows that 7" casing will be set at approximately 6900 feet and three parallel strings of 2-1/16" will be run to produce each zone separately.

Q How will this completion be made in regard to the location of the packer, the perforations?

A The Model D packer will be set above the Drinkard, isolating the Drinkard and the Model J or Model K Baker model snap dual will be set above the Blinebry, at the Blinebry, rather, which will isolate the Blinebry from the Glorieta.

The Glorieta will be produced by pump through open tubing.

Q Will the other two zones require pumping?

A No, they're anticipated to flow naturally.

Q Now, your exhibit shows that you anticipate using for the upper packer a Baker Model J, or a Model K. Is there any essential difference between the two packers?

A No, there's no difference whatsoever. The only



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difference is that the Model J sets by the long string and the Model K sets with the short string. They're both snap set and essentially set the same manner.

Q Does the exhibit show your cementing program for this well?

A Yes, it does. We plan to cement to the surface, circulate to the surface and the long string or 7" will be cement returned to the base or approximately 2400 feet.

Q Then there will be cement behind the pipe for all the zones you propose to perforate, is that correct?

A Yes.

Q Will this type of completion, in your opinion, effectively separate the producing horizons?

A Yes, there will be no commingling in the well bore.

Q Can you make the packer leakage tests required by this Commission?

A Yes, sir.

Q Do you have any information on the gravities of the fluids you expect to produce here?

A All the fluids will have approximately the same gravity ranging from 38 to 40 degrees API.

Q What are the GOR's for the various zones?

A Expected GOR for the Glorieta Paddock will be



approximately 800, for the Blinebry it will be approximately 2,000, for the Drinkard, 1200.

Q Do you have any information on the pressures in these zones?

A Well, it's approximation, and if it is required by the Commission that pressures be given we will certainly run pressures and send them in to the Commission on the completion of the well.

Q Were Exhibits 1 and 2 prepared by you or under your supervision?

A Yes, sir.

MR. KELLAHIN: At this time I would like to offer in evidence Exhibits 1 and 2.

MR. UTZ: Without objection, Exhibits 1 and 2 will be entered into the record.

(Whereupon, Applicant's Exhibits 1 & 2 were entered in the record.)

Q (By Mr. Kellahin) Mr. Levine, will there be any commingling of production from the three zones involved?

A In the well bore?

Q At all anywhere.

A We don't, that will be an order, but we don't have any plans at the moment to commingle.



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Q How will the gas production be handled?

A It will be metered separately.

Q For each of the zones?

A For each of the zones, yes, sir.

MR. KELLAHIN: That's all the questions I have of the witness.

CROSS EXAMINATION

BY MR. UTZ:

Q Are all of these completions oil?

A Yes, sir, all of them oil.

Q I believe you said the cement from the 7" would come up to about 2400 feet, is that correct?

A Yes, sir.

Q And you will have exposed casing between 1450 and 2400 feet, is that correct?

A Yes, sir.

Q Is there any fresh water zones or producing oil or gas zones in that area?

A No, it's soft.

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

MR. DURRETT: Yes, sir, I have one question.

BY MR. DURRETT:

Q Will you be able to pump the Blinebry and Drinkard



at a later date if you determine it is necessary to do so?

A It will be possible. It will be an inefficient operation, but it's possible to pump them from beneath the packers.

MR. DURRETT: Thank you.

BY MR. UTZ:

Q What is the object of your sleeve valves on the two longer strings?

A The bottom sleeve is, in the event we want to shut one of the zones off, for instance, the Drinkard, we will be able to shut the sleeve and shut it effectively at the surface.

Q And the zones will produce through the sleeve?

A Yes, sir.

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

(Witness excused.)

MR. UTZ: Any statements in this case? The case will be taken under advisement. We'll take a ten-minute recess.

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