

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
August 26, 1958

IN THE MATTER OF,

CASE NO. 1495

TRANSCRIPT OF PROCEEDINGS

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BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
AUGUST 20, 1958

IN THE MATTER OF: :
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CASE NO. 1495 Application of Continental Oil Company :
 for permission to commingle oil from :
 two separate pools. Applicant, in the :
 above-styled cause, seeks an order :
 authorizing it to commingle the oil pro- :
 duced from the Skaggs-Drinkard Oil Pool :
 and an undesignated Glorieta oil pool :
 through its dually completed Skaggs B-12 :
 No. 1 Well, located 660 feet from the :
 North and West lines of Section 12, :
 Township 20 South, Range 37 East, Lea :
 County, New Mexico. :
 :
 :

BEFORE:

Mr. Elvis A. Utz

T R A N S C R I P T O F P R O C E E D I N G S

MR. UTZ: The next case on the docket will be Case 1495.

MR. PAYNE: Case 1495, application of Continental Oil

Company for permission to commingle oil from two separate pools.
(Witness sworn in).

E. V. BOYNTON

called as a witness, having been first duly sworn on oath, testi-
fied as follows:

DIRECT EXAMINATION

BY MR. PAYNE:

Q Will you please state your name and position?

A My name is E. V. Boynton and I am District Engineer

at Continental Oil Company.

Q Mr. Boynton, have you testified before this Commission?

A I have.

Q Are the witnesses' qualifications acceptable?

MR. UTZ: Yes, they are acceptable.

Q (By Mr. Payne) Would you proceed, please?

A On July 30, 1958, Continental received permission to dually complete its Skaggs B-12 Number One Well as an oil producer from the Glorieta and Drinkard Formation. This permission was granted administratively under the provision of Rule 112-A, Section C, Order Number DC-647. This well hadn't been dualled yet and at present it is producing approximately 24 barrels of oil per day from the Drinkard Formation.

Storage facilities consist of two 200 barrel storage tanks and by granting this application, it will eliminate the expense of setting additional storage tanks. This will be the only well on the lease producing from the Drinkard Formation and the only well on the lease producing from the Glorieta Formation.

Total production will be approximately 70 to 80 barrels per day and the present storage facilities will offer approximately 9 to 10 days storage, which is more than sufficient for the two zones.

Exhibit Number One is a diagrammatic sketch of the metering facilities that will be installed for the two zones. This diagram illustrates the fluid from each zone will go into an individual

metering separator and from each separator will pass through an individual meter tank run and on into a low pressure gas cell. Oil from each well will be metered separately with the permanent record being made of each days production by use of a production time recorder. The fluid sampler will be provided on each line to determine the gravity and basic sediment and water produced.

From the separators, the oil will be commingled and ran into intercommon storage. The gravity of the produced Drinkard Oil is approximately 37 degrees and from the Glorieta it will be approximately 38 and six tenths degrees. There will be no inequity when it is commingled in this fluid. The record of each zone production is retained on the production time recorder and will be used to determine that zone in proportion to the production.

The lines from the metering separator to the storage tanks will be so arranged that when meter calculations are desired or when individual well tests are desired, each zone can be produced into its own individual tank and checked against the tank run gauge.

This concludes my testimony. Are there any questions?

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

CROSS EXAMINATION

BY MR. FISCHER:

Q Mr. Boynton, do you happen to know what the next change-over in gravity is for a higher sale value?

A I believe, Mr. Fischer, that it changes for each degree,

doesn't it?

Q In this Range?

A Yes, I believe it is awfully close. However, when two oils are commingled below 40 degrees gravity, the pipeline doesn't object.

Q That's what I wanted to know.

A When they object is when you have 30 degree gravity and 45 degree gravity and they are commingled and you get 39 degrees or something like that.

Q Thank you,

CROSS EXAMINATION

BY MR. UTZ:

Q Mr. Boynton, what is the gas oil ratio of these zones?

A The gas oil ratio in the Drinkard zone is 1649 to 1. On our latest test, it produced 24 barrels of oil and 3917 MCF of gas. The gas oil ratio is 1649 and on the initial completion test of Texas Company's Well Number One, which offsets Glorietta's Well, gas was reported to be too small to measure.

Q Who will you sell this to?

A Shell Texas Oil.

Q Will their gas be metered through a common meter?

A I think Warren takes the low pressure gas. They will have only one meter, yes sir, to measure your total volume of gas. However, we will have individual meters on each separator.

MR. PAYNE: What type meters and separators are they?

A They are the dump type.

Q (By Mr. Utz) Dump type means that they will be measured by the dump method, is that true?

A Yes, sir.

Q How about the gas?

A It will go through each ventilator.

Q So that you will be able to measure and report the gas production from each zone?

A From each zone, yes sir.

MR. PAYNE: What is the size of the dumps?

A I haven't given that much thought yet until I get approval from the Commission to do it. It will probably be one barrel or one half barrel dumps. That will be sufficient.

MR. FISCHER: You don't know then who is going to install the separators?

A No, but it will be somebody that has been accepted by the Commission before.

Q (By Mr. Utz) Mr. Boynton, would you be receptive to certain metering tests which the Commission might set out in an order in this case?

A Yes, we will be equipped to make any length of tests or any number of tests that might be required by the Commission.

Q Is there any manner in which these two zones could be commingled before the oil is metered? That is, accidentally or intentionally?

A No sir, outside the well, no. Of course, on our packer tests, that will occur on the well bore.

Q There are no crossovers of any nature?

A No, sir.

Q Do you intend to install any?

A No.

MR. UTZ: Any other questions?

MR. FISCHER: Mr. Boynton, this well will be installed in the same manner, installed from the manifold, will it?

A Directly from the wellhead to the separator.

MR. UTZ: Any other questions of the witness?

(No response).

MR. UTZ: Do you wish to offer this exhibit?

A Yes sir, I would like to offer Exhibit Number One in evidence.

MR. UTZ: Without objection, Exhibit Number One will be received. The witness may be excused.

Are there any other statements to be made in Case 1495?

(No response).

MR. UTZ: If not, the case will be taken under advisement.

(Witness excused).

