

BEFORE THE  
OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
December 6, 1962

EXAMINER HEARING

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.  
PHONE 325-1182

SANTA FE, N. M.  
PHONE 983-3971

ALBUQUERQUE, N. M.  
PHONE 243-6691

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IN THE MATTER OF: )

Application of Texaco Inc. for a dual completion, )  
Lea County, New Mexico. Applicant, in the above- )  
- styled cause, seeks authority to complete its )  
M. B. Weir "B" Well No. 7, located in Unit M )  
of Section 12, Township 20 South, Range 37 )  
East, as a dual completion (tubingless) to pro- )  
duce gas from an undesignated Tubb pool and oil )  
from the Skaggs Drinkard Oil Pool, Lea County, )  
New Mexico, through parallel strings of 2 7/8 )  
inch casing. cemented in a common well bore. )

CASE 2714

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BEFORE: Daniel S. Nutter, Examiner

TRANSCRIPT OF HEARING

MR. NUTTER: The hearing will come to order, please.  
We will take next Case 2714.

MR. DURRETT: Application of Texaco Inc. for a dual  
completion, Lea County, New Mexico.

(Whereupon, Applicant's Exhibits  
Nos. 1, 2, and 3 marked for  
identification.)

MR. WHITE: Charles White, Santa Fe, New Mexico, appear-  
ing on behalf of the Applicant. We have one witness to be sworn,  
Mr. Black.

(Witness sworn.)

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



## DIRECT EXAMINATION

BY MR. WHITE:

Q Mr. Black, will you state your full name for the record, please?

A C. R. Black, employed by Texaco Inc. as Division Proration Engineer, from Midland, Texas.

Q Have your qualifications as a professional engineer in the petroleum industry been accepted by the Commission?

A Yes, they have.

Q Are you familiar with the subject application?

A Yes, I am.

Q Will you briefly state what the Applicant is seeking?

A This is the application of Texaco Inc. for a dual tubingless completion for its M. B. Weir "B" Well No. 7. This well has been completed in the Skaggs-Drinkard Oil Pool and an undesignated Tubb gas pool in Lea County, New Mexico. Production will be through two independent strings of 2-7/8 inch casing cemented in a common well bore.

Q What is the current status of the well?

A At the present time this well has been completed in both zones and is producing oil from the Drinkard zone. The Tubb gas zone is shut in, for as yet we do not have a gas connection.

Q Do you have any idea as to when a pipeline connection might be available?

A We do not anticipate a connection in the immediate

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future. We expect it will be least six to twelve months before a connection is available.

Q Will you refer to what has been marked Exhibit No. 1 and explain the exhibit, please?

A Exhibit No. 1 is a plat showing the Texaco M. B. Weir lease bordered in yellow, and the subject well circled in red.

Q What is the location of the well?

A 660 feet from the south line and 825 feet from the west line of Section 12, Township 20 South, Range 37 East, Lea County, New Mexico.

Q Will you explain the rest of the exhibit, please?

A Also shown on this exhibit are the leases in the immediate area of the subject lease, with the wells on each lease and the appropriate field designation being shown below each well. At the base of the exhibit is a list of the offset operators and their mailing addresses.

Q Is this the first Tubb completion in this particular area?

A Yes, sir, in this immediate area it is the first Tubb gas completion.

Q Where is the nearest Tubb pool?

A The nearest Tubb pool is the Weir Tubb gas pool approximately one and a half miles to the southwest.

Q Is there any other?

A There are two other Tubb gas pools, the Warren Tubb gas



pool approximately five miles to the southeast, and the House Tubb gas pool approximately five miles due east of the subject well.

Q Will you refer to Exhibit 2 and explain the diagrammatic sketch?

A Exhibit No. 2 is a diagrammatic sketch of the actual completed installation. A 12-1/4 inch hole was drilled to a total depth of 1387 feet, and at that point we set 9-5/8 inch casing and circulated cement to the surface. We continued with an 8-3/4 inch hole to a total depth of 6852 feet, and at that point we ran three strings of 2-7/8 inch casing. This well was originally intended to be a Skaggs-Glorieta, Skaggs-Drinkard, and Tubb triple completion. However, we found the Glorieta to be non-productive at this location, and it ended up as a dual Drinkard and Tubb gas well.

Q What are the crude characteristics?

A The Drinkard formation was perforated from 6888 to 6846. On I.P. of October 15, 1962, this zone pumped 22 barrels of oil plus three barrels of oil of 33 degrees API gravity. Gas-oil ratio was too small to measure. It is an intermediate sweet crude. The estimated bottom hole pressure is 2400 pounds, based on pressures in offset wells. The Tubb formation was perforated from 6426 to 6432 and 6475 to 6484. It is a gas zone and produces some condensate. On potential test, it flowed 850 MCF of gas per day and 16 barrels of 64 degree gravity



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condensate. This was on October 8, 1962. It was through a 16/64 inch choke and the initial shut-in pressure was 2150 pounds. The actual gas-oil ratio of this gas zone is 53,125 to 1. The estimated bottom hole pressure, based on a gradient plus surface pressure, is 2850 psi. We anticipate that this zone will flow to depletion, and the Drinkard zone is currently being pumped and will be pumped throughout its entire life.

Q Mr. Black, do you anticipate any corrosion or paraffine problems, and if so, how will you meet them?

A With regard to corrosion, we do not anticipate any problems in either zone; however, we will periodically check these zones with coupon surveys. With respect to paraffine, we do not anticipate any paraffine in the Tubb zone; however, we anticipate mild paraffine in the Drinkard and have plasti-coated the upper 1,000 feet of this tubing string to prevent paraffine accumulation.

Q Identify Exhibit 3.

A Exhibit 3 is a radioactivity log for the subject well and it has the top and base of the perforations marked on it in red.

Q In your opinion, will the granting of this application be in the interest of conservation, will it prevent waste and protect correlative rights?

A Yes, sir, it will.

Q Were these exhibits prepared by you or under your supervision?



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STATE OF NEW MEXICO    )  
                                  ) ss  
COUNTY OF BERNALILLO    )

I, ADA DEARNLEY, Notary Public in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached transcript of proceedings before the New Mexico Oil Conservation Commission was reported by me, and that the same contains a true and correct record of the said proceedings to the best of my knowledge, skill and ability.

WITNESS my Hand and Seal this 15th day of December, 1962.

*Ada Dearnley*  
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NOTARY PUBLIC

My Commission Expires:  
June 19, 1963.

I do hereby certify that the foregoing is a complete record of the proceedings in the hearing of Case No. 2714, heard by me on 12-14, 1962.  
*[Signature]*  
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Examiner  
New Mexico Oil Conservation Commission

