

New Mexico Oil Conservation Commission
Santa Fe, New Mexico

Gentlemen:

We, the undersigned oil operators in Eddy County, New Mexico, do respectfully request an open hearing before the New Mexico Oil Conservation Commission at the earliest possible date for the consideration of a written order of the Commission to designate the 1800'-2000' producing horizon in the following described tracts, located in the Premier Field Eddy County, New Mexico, as the Seven Rivers Pool of the Premier Field and that this aforementioned pool have defined pool status in all matters concerning allowable, etc:

S $\frac{1}{2}$ Sec. 22, S $\frac{1}{2}$ Sec. 23, W $\frac{1}{2}$ Sec. 25, all sections 26 and 27, T. 17S, R. 30E.

All oil produced from the Seven Rivers formation to be measured in separate tanks so that pipeline runs can be properly recorded and reported.

The major producing zones in the Premier Field are Zones 5 and 6 of the Grayburg formation and encountered at depths from 3100 to 3300'.

All wells to Grayburg producing horizon are and will be cased to a point not to exceed 100' above Zone 5. All wells to Seven Rivers producing horizon are and will be cased to a point not to exceed 100' above Seven Rivers Zone. This casing program effects a definite vertical separation of pools within this field.

The drilling procedure to obtain Seven Rivers production in the Premier Field will be as follows:

1. Confine 20-acre spacing program to a well in the center of the northeast 10 acres and the center of the southwest 10 acres of each 40-acre tract.
2. The northeast 10-acre unit will be considered as the primary location on each 40-acre tract and the primary location will have to be drilled before the secondary location in the southwest 10 acres can be drilled.
3. All wells heretofore completed to the Seven

Rivers formation in the center of 40-acre tracts will be accepted as primary locations and these operators will be permitted to proceed with drilling in the secondary location in the southwest 10 acres. In the case of the Premier Arnold well No. 1-E, an oil producer from the Grayburg formation which falls in the northeast 10 acres of the SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 23, it is agreed that the primary location to the Seven Rivers formation for this 40-acre tract can be drilled in the center of the 40 acres. In the case of the Premier Maddron well No. 2-B, an oil producer from the Grayburg formation which falls in the SW 10 acres of the NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 27 it is agreed that the secondary location to the Seven Rivers formation for this 40-acre tract can be drilled in the center of the 40 acres.

Attached to and made a part hereof is a map of the area in question with all Grayburg producing wells shown as black dots, all primary Seven Rivers producing wells shown as black dots circled in red, all proposed primary Seven Rivers locations circled in red and all secondary Seven Rivers locations circled in green. Also attached are two type logs showing proposed completion methods to both Grayburg producing horizons and Seven Rivers producing horizons and the stratigraphic interval of approximately 1200' separating the two.

Respectfully submitted this 23 day of May, 1945.

(Signed)

Asken & Fair
by Clueck Asken, Jr. L. Mgr.

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Santa Fe, New Mexico

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Patron Barr & Sargent
By E. A. Patron

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(Signed) Paulo Sargent

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(Signed) L. H. Madden

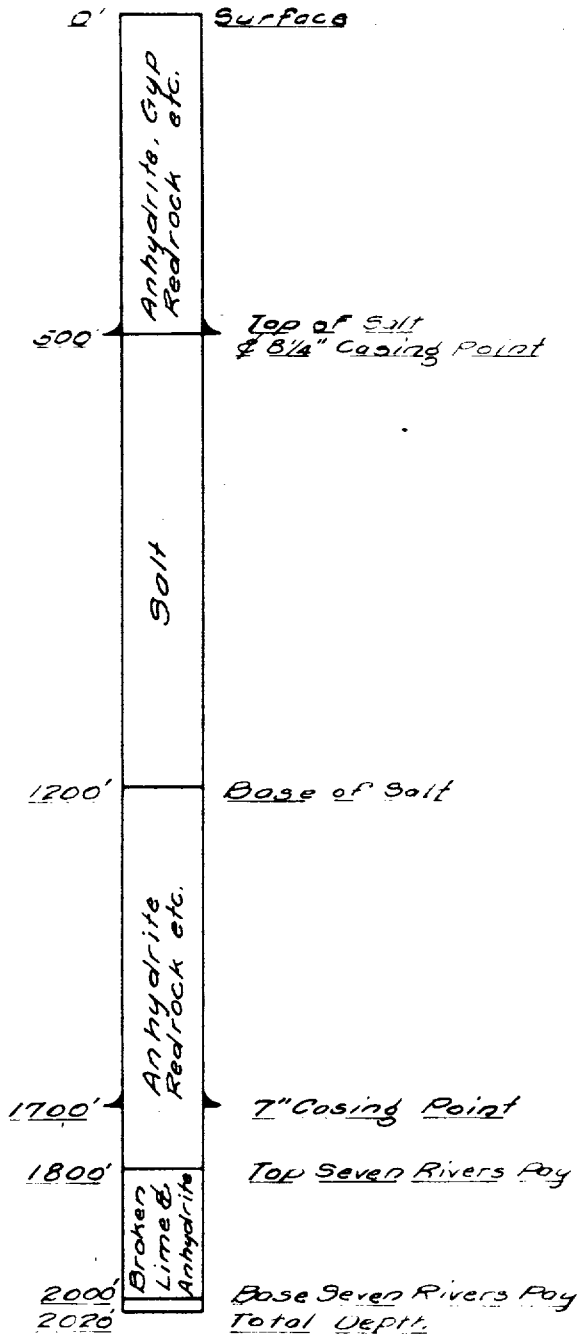
COMPOSITE LOGS

PREMIER FIELD

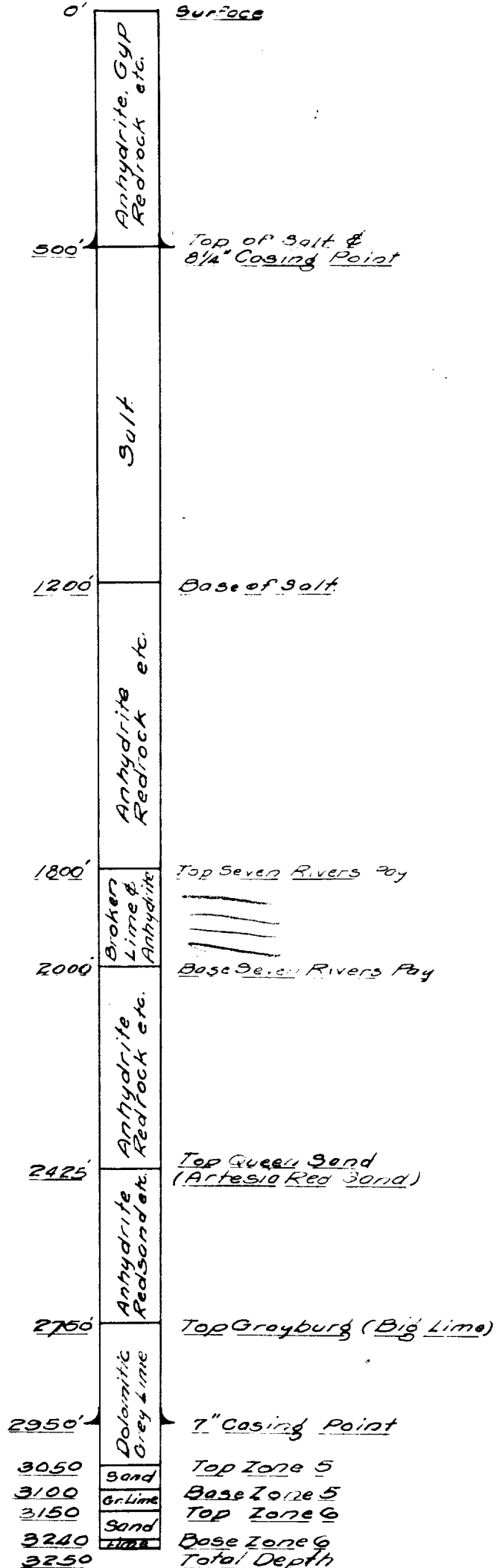
EDDY COUNTY NEW MEXICO

Vertical Scale 1" = 300'

TYPICAL SEVEN RIVERS COMPLETION



TYPICAL GRAYBURG COMPLETION



REDRAWN & REPRODUCED

FOR

CHUCK ASTON - GEOLOGIST

BY

Clarence E. Fischbeck

Consulting Engineer