

OIL CONSERVATION COMMISSION

HOBBS, NEW MEXICO

November 15, 1955

Mr. A. L. Porter, Jr.
Oil Conservation Commission
P. O. Box 2045
Hobbs, New Mexico

Re: Western Natural Gas Co. Toby #1-P
classification

Dear Mr. Porter:

Regarding the Western Natural Gas Company's Toby #1-P well in Section 12-24S-36E, this well was originally completed as an open hole completion in the Langlie-Mattix from an open hole interval of 3256-3685. A formation packer was set at 3249 in an effort to lower the Gas Oil Ratio and to separate what they consider a gas zone, and which we now consider to be the lower producing zone of the Jalmat, from the Langlie-Mattix oil.

Some weeks ago representatives of the Western Natural Gas Company contacted this office requesting information as to the possibility of reclassification of the well from Langlie-Mattix to Jalmat gas, the reason for this being the low production capability of the oil zone below the formation packer. A strip log was provided by the operator and Mr. Montgomery studied this log; it was his opinion that above the packer at 3429 production would be from the Jalmat gas interval, and that below the set packer production would be from the Langlie-Mattix oil interval.

On November 1st Mr. Armstrong and I went down to the area and witnessed tests on the Toby #1 and the Curry #1 in an effort to determine the satisfactory separation of the Jalmat gas production and the Langlie-Mattix oil production. It is my opinion as a result of witnessing these tests that there is more than adequate separation between the two zones, particularly considering that the separation is effected in open hole by a formation packer.

I would recommend that the well be reclassified as a Jalmat gas well, however, I feel that the operator should furnish this office with a C-103 and a diagrammatic sketch, showing as completely as possible the open hole interval, packers, etc. that are presently in the well so that we may have adequate information on this well's completion.

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C. M. Rieder
Engineer

CMR/hs

cc-Western Natural Gas, Midland

