

Eunice, New Mexico
September 12, 1955

Mr. R. C. Lannen - Eunice, New Mexico

BACK PRESSURE TEST - BELL LAKE UNIT NO. 1-A - SECTION
31, T. 23S, R. 34E, LEA COUNTY, NEW MEXICO

On April 26, 1955, a back pressure test was taken to determine the theoretical open flow capacity of the Devonian gas zone at zero bottom hole pressure and the deliverability characteristics at various rates of flow. A calculated open flow potential of 15,500 MCF gas per day was obtained, based on a 22 hour back pressure test.

Attached are curves representing the calculated open flow potential and deliverability, and a chart tabulating the data obtained by this test.

Calculated open flow potential	15,500	MCF/D
Deliverability at 600 psig	12,500	MCF/D
Shut in pressure	5,113.2	PSIA
G.F.M.	0.067 H ₂ S / mercaptans	290 gr per MCF CO ₂ 1.57

B. H. McGinnis
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Gas Tester
Eunice District
New Mexico Division
Production Department

BHM-FGM

CC: BWW HLJ RLA JRS FILE-2

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