September 26, 1955

## Mr. R. C. Lannon, Sunice, New Mexico

BACK PRESSURE TEST - LOCKHART B-35 NO. 2 - SECTION 35, T. 215, R. 378, LEA COUNTY, NEW MEXICO

On September 19, 1955, a back pressure test was taken to determine the theoretical open flow espacity of the Blinebry gas some at zero bettom hole pressure, and the deliverability characteristics at various rates of flow. A calculated open flow potential of 5000 MCP gas per day was obtained, based on a ten 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<br>Deliverability at 600 paig<br>Deliverability at 150 paig<br>Shut in pressure<br>GPM & acid content of gas is | 5000 HCF/D<br>4420 HCF/D<br>4880 HCF/D<br>1866.2 HCF/D |
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| not available at this time.  |  |

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