

055

Bunice, New Mexico
September 6, 1955

1955 SEP 13 AM 10:25

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

BACK PRESSURE TEST - LOCKHART A-27 NO. 5 - SECTION
27, T. 21S, R. 37E, LEA COUNTY, NEW MEXICO

On May 19, 1955, a back pressure test was taken to determine the theoretical open flow capacity of the Blinbry gas zone at zero bottom hole pressure, and the deliverability characteristics at various rates of flow. A calculated open flow potential of 14,900 MCF 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	14,900	MCF/D
Deliverability at 600 PSIG	13,100	MCF/D
Deliverability at 150 PSIG	14,750	MCF/D
Shut in pressure	1,878.2	PSIA

The well flowed 160 BPD of 64.2 gravity distillate thru 30/64 choke.

A. H. McGinnis
A. H. McGinnis
Gas Tester
Bunice District
New Mexico Division
Production Department

WAG

BHM-FCM

CC: EWW HJJ RLA JRS FILE-2

Account of the ...
...

...

...

...

...

...

...

...

Continental Oil Co.

Gas Well Data

Lease: <u>Lockhart A-27</u>		Well No.: <u>5</u>		County: <u>Lea</u>	State: <u>New Mexico</u>	
Sec.: <u>27</u>		TWP: <u>21S</u>		Rge: <u>27E</u>		
Rate No.	Volume MCFD	Choke Size	Temp. Griffice Size	SpGr.	Surface Pressure PSIA	P _f
1.	6380	30/64	2" 20°	.660	1300.2	2128.3 1
2.	4478	25/64	2" 20°	.660	1535.2	2128.3 1
3.	2535	15/64	2" 20°	.660	1663.2	2128.3 1
4.						

Note: Volumes corrected to SpGr. of .6 at 60°F
 Calculated Open Flow Potential 14,900 MCF/Day
 Pressure 11.2
 GIP: 1478.2 PSIA

Date Tested May 19, 1955

HOBBS OFFICE OCC

1955 SEP 13 AM 10:25

