

# Monsanto

C O M P A N Y

HYDROCARBONS DIVISION

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Midland, Texas 79704  
(915) MUtual 3-3306

April 11, 1968

New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Attention Mr. A. L. Porter, Jr.

Reservoir Limits Test  
Rock Tank Unit Well No. 1  
Eddy County, New Mexico

Gentlemen:

Attached are the results of reservoir pressure draw down and build-up tests of the Upper and Lower Morrow zones in the subject well. These tests were approved by your letters of March 13 and April 3, 1968. Tabulated below is a chronological sequence of events:

<u>Date</u>	<u>Zone</u>	<u>Time (CST)</u>	<u>Well Status</u>	<u>Production (MCF)</u>	<u>Rate (MCFPD)</u>
3-21-68	Lower	1:00 p.m.	flwd 75 hrs.	18,240	5836
3-24-68	Lower	4:00 p.m.	shut-in		
3-28-68	Upper	3:20 p.m.	flwd 95 hrs.	10,061	2542
4-1-68	Upper	2:30 p.m.	shut-in		
4-5-68	Lower	11:00 a.m.	flwd 75 hrs.	18,731	5993
4-8-68	Lower	2:00 p.m.	shut-in		

## LOWER MORROW ZONE

Results of the first test on the Lower Morrow zone was furnished you by letter of March 29, 1968. The bottom hole pressure data recorded by Coleman Petroleum Engineering Company of Hobbs, N.M., for this first test are attached.

The well was flowed for 75 hours on a second test which began April 5 and produced a total of 18,731 MCF gas at an average rate of 5993 MCFPD during this period. The well was then shut-in for a 26-hour build-up on March 8. The bottom hole pressure measured at 10,307' stabilized at 4226 psig in 9 minutes after shut-in and remained at this pressure for two hours while the Amerada RPG3 BHP instrument was in the well.