

EL PASO NATURAL GAS COMPANY

Memorandum

To: Mr. C. O. Walker
 From: Production Engineering Department

Date: July 20, 1956
 Place: Farmington, N.M.

Re: Bottom Hole Pressure Survey on Sellers # 3-A

A bottom hole pressure bomb was run to the bottom of the tubing on July 13, 1956 for the purpose of determining why the Mesa Verde surface pressure was so low. The results are shown below:

DWT tubing - 624 psig
 DWT casing - 692 psig

<u>Pressure Bomb Depth, Ft.</u>	<u>Pressure, Psig</u>	<u>Gradient Psi/Ft.</u>
Tubing surface	616	
1000	634	.018
3000	672	.019
4000	694	.022
4500	700	.012
4750	774	.296
4916	828	.325

Fluid level - 4500 feet from surface.

On July 16, 1956 another survey was made, the results of which are listed below:

DWT tubing - 576 psig
 DWT casing - 691 psig

<u>Pressure Bomb Depth, Ft.</u>	<u>Pressure, Psig</u>	<u>Gradient Psi/Ft.</u>
Tubing surface	577	
1000	587	.010
3000	627	.020
4000	642	.015
4500	700	.116
4750	774	.296
4916	828	.325

Fluid level - 4340 feet from surface

AJD/jla

cc: Oil Conservation Commission, Artec, N.M.
 E. J. Coal, Jr.
 L. D. Galloway
 File

A. J. Dudenhofer
 A. J. Dudenhofer
 Sr. Production Engineer



