

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Astec Formation San Juan County San Juan
Initial I Annual _____ Special _____ Date of Test 11/20/59
Company El Paso Natural Gas Company Lease 1016 Well No. 1
Unit 6 Sec. 7 Twp. 1 Rge. 1 Purchaser _____
Casing 1 1/2 Wt. 10.0 I.D. 4.25 Set at 117 Perf. 212 To 216
Tubing 1 Wt. 5.7 I.D. 1.40 Set at 123 Perf. 213 To 213
Gas Pay: From _____ To _____ L _____ xG _____ -GL _____ Bar.Press. _____
Producing Thru: Casing _____ Tubing _____ Type Well Single-Bradenhead-G. G. or G.O. Dual
Date of Completion: 11/1/59 Packer _____ Reservoir Temp. 90

OBSERVED DATA

Tested Through (Prover) (Choke) (Meter) _____ Type Taps _____

No.	Flow Data					Tubing Data		Casing Data		Duration of Flow Hr.
	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig	Diff. h _w	Temp. °F.	Press. psig	Temp. °F.	Press. psig	Temp. °F.	
SI										
1.		<u>2.125</u>				<u>120</u>		<u>120</u>		<u>1.00</u>
2.						<u>120</u>		<u>120</u>		<u>1.00</u>
3.										
4.										
5.										

FLOW CALCULATIONS

No.	Coefficient (24-Hour)	$\sqrt{h_{wpf}}$	Pressure psia	Flow Temp. Factor F _t	Gravity Factor F _g	Compress. Factor F _{pv}	Rate of Flow Q-MCFPD @ 15.025 psia
1.	<u>12.5</u>		<u>117</u>	<u>1.00</u>	<u>1.00</u>	<u>1.00</u>	<u>1.00</u>
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio _____ cf/bbl.
Gravity of Liquid Hydrocarbons _____ deg.
P_c _____ (1-e^{-s})
Specific Gravity Separator Gas _____
Specific Gravity Flowing Fluid _____
P_c 62 P_c 21.1

No.	P _w P _t (psia)	P _t ²	F _c Q	(F _c Q) ²	(F _c Q) ² (1-e ^{-s})	P _w ²	P _c ² -P _w ²	Cal. P _w	P _w /P _c
1.	<u>117</u>					<u>21.16</u>	<u>116.24</u>		
2.									
3.									
4.									
5.									

Absolute Potential: _____ MCFPD; n _____
COMPANY _____
ADDRESS _____
AGENT and TITLE ORIGINAL SIGNED BY L. M. STEVENS
WITNESSED _____
COMPANY _____

REMARKS

