

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 11-2-76	
Company AMOCO PRODUCTION COMPANY				Connection El Paso Natural Gas Company		
Pool Blanco				Formation Mesaverde		Unit
Completion Date 10/26/76		Total Depth 4950		Plug Back TD 4905		Elevation 5763 KB
Farm or Lease Name Elliott Gas Com "E"						
Csq. Size 7.000	Wt. 23	d 6.366	Set At 2850	Perforations: From 4060 To 4770		Well No. 1A
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 4757	Perforations: From Open ended To		Unit Sec. Twp. Rge. F 34 30 9
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		County San Juan
Producing Thru Tbg.		Reservoir Temp. °F 55°		Baro. Press. - P _a 12 PSI		State New Mexico
L 4415	H	Gg .650	% CO ₂	% N ₂	% H ₂ S	Prover Meter Run Taps

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI	7 Days						535		543	
1.	2 Inch		0.750				170	60°	480	
2.										
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.365		182	1.000	.9608	1.017	2199
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ A.P.I. Gravity of Liquid Hydrocarbons _____ Specific Gravity Separator Gas _____ Specific Gravity Flowing Fluid XXXXXX Critical Pressure _____ P.S.I.A. Critical Temperature _____ R
1.					
2.					
3.					
4.					

P _c 555	P _c ² 308,025	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{\underline{4.6698}}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{\underline{3.1767}}$
NO.	P _t ²	P _w	P _w ²
1		492	242,064
2			
3			
4			
5			

Absolute Open Flow 6986 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .75
Remarks: 4-1/2" 11# Liner 2625'-4950'			
Approved By Commission:	Conducted By: T. M. Oliver	Calculated By: W. R. Cordill	Checked By: H. D. Montgomery