

NEW MEXICO OIL & GAS COMMISSION
MULTIPOINT AND ONE POINT EACH PRESSURE TEST FOR GAS WELL

Form G-122
Revised 6-1-65

Type Test ☒ Initial ☐ Annual		Date 10-28-77	
Operator Aztec Oil & Gas Company		Owner El Paso Natural Gas Company	
Pool Blanco		Formation Pictured Cliffs	
Completion Date 10-12-77	Total Depth 5959'	Perforations From --- To 6553' GR	Form or Lease Name Waller Unit
Sec. Size 7.000	wt. 20#	d 6.456	Set At 3591
4.500	10.50#	4.052	3422-5958
Perf. Size 1.900	wt. 2.9#	d 1.610	Set At 3291
Type Well - Single - Strathead - G.C. or G.O. Multiple Multiple		Perforations From --- To 3292'	
Producing Thru Tbg.		Reservoir Temp. °F 12.2	Baro. Press. - P _a New Mexico
L	H	G _g	% CO ₂
.700		% N ₂	% H ₂ S
Proves		Meter Run	Tests

FLOW 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
1.	2"	X	3/4"					
2.								
3.								
4.								
5.								

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcf/d
1	12.365		68.2	1.0000	.9258	1.0000	781
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/d
1						
2.						
3.						
4.						
5.						

P _c 900.2	P _c ² 810,360	(1) $\frac{P_c^2}{P_r^2 - P_w^2} = 1.0499$	(2) $\left[\frac{P_c^2}{P_r^2 - P_w^2} \right]^n = 1.0422$
NO.	P _r ²	P _w ²	P _r ² - P _w ²
1		196.2	38,494
2			
3			
4			
5			

Apparent Gas Flow	814	Mcf/d	Slope, n	.85
Remarks				
Approved By Commission	Conducted By:	Checked By:		
	Bob Shindledecker	James Smith		