

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 1-30-82			
Company Curtis J. Little				Connection El Paso			
Pool Ballard				Formation Pictured Cliff		Unit	
Completion Date 1-23-82		Total Depth 2887'		Plug Back TD 2872		Elevation	
Casing Size 2.875		Wt. 6.5		Set At 4.052		Perforations: From 2742 To 2776	
Tub. Size		Wt. slim		Set At hole		Perforations: From To	
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single				Packer Set At None		County Rio Arriba	
Producing Thru Casing		Reservoir Temp. °F 8		Mean Annual Temp. °F		Baro. Press. - P _a 12 psia est.	
L		H		G _g .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.		Temp. °F
SI	7 days								604		
1.	2 inch	.750	54						54	60°	3 hours
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 F _g	Super. Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.3650		66	1.000		1.007	790
2.					.9608		
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.	A.P.I. Gravity of Liquid Hydrocarbons _____ Deg	Specific Gravity Separator Gas _____ X X X X X X X X	Specific Gravity Flowing Fluid _____ X X X X X	Critical Pressure _____ P.S.I.A.	Critical Temperature _____ R
1.										
2.										
3.										
4.										
5.										

NO.	P _r	P _w	P _w ²	P _r ² - P _w ²	(1) $\frac{P_r^2}{P_r^2 - P_w^2} = 1.01406$	(2) $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n = 1.01193$
1	66	73	5262	374194		
2						
3		calculated				
4						
5						

Absolute Open Flow 799		Mcfd @ 15.025		Angle of Slope θ		Slope, n 85	
------------------------	--	---------------	--	------------------	--	-------------	--

Remarks: Gas completely dry

Approved by Commission	Conducted By Joe Elledge	Calculated By: Joe Elledge	Checked By: Curtis J. Little
------------------------	-----------------------------	-------------------------------	---------------------------------