

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 07-23-82	
Company Robert L. Bayless			Connection El Paso Natural Gas		
Pool Ballard Pic. Cliffs			Formation Pictured Cliffs		Unit
Completion Date 07-15-82		Total Depth 2596'	Plug Back TD 2526'		Elevation 7007' G.L.
Csq. Size 2 7/8		Wt. 6.5	d 2.441	Set At 2576'	Perforations: From 2456 To 2473
Thq. Size none		Wt.	d	Set At	Perforations: From To
Type Well - Single - Brdenhead - G.G. or G.O. Multiple single				Packer Set At none	
Producing Thru casing		Reservoir Temp. °F #	Mean Annual Temp. °F		Baro. Press. - P _g 12 psia (est)
L	H	G _g .650	% CO ₂	% N ₂	% H ₂ S
		Prover	Meter Run		Taps
FLOW DATA				TUBING DATA	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w
51	8 days				
1.	2"		3/4"	66	
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
1	12.365		78	1.00	.9608
2.					
3.					
4.					
5.					
NO.	R _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R
NO.	P _c	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.02434$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.02065$
1	617	95	9047	371.642	
2					
3			calculated		
4					
5					
Absolute Open Flow _____ 954 _____ Mcfd @ 15.025				Angle of Slope @ _____ Slope, n _____ 85	
Remarks: _____					
Approved By Division		Conducted By: Kevin H. McCord		Calculated By: Kevin H. McCord	
				Checked By: Robert L. Bayless	