

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 11-15-82	
Company CURTIS J. LITTLE				Connection El Paso		
Pool South Blanco				Formation Pictured Cliff		
Completion Date 11-8-82		Total Depth 2855 G.L.		Plug Back TD 2819 G.L.		Elevation 6820
Csq. Size 2 7/8	Wt. 6.5	d 2.441	Set At 2829	Perforations: From 2689 To 2783		Well No. #8
Tbg. Size	Wt. Slim	d Hole	Set At	Perforations: From To		Unit Sec. Twp. Rye. K 26 25 6
Type Well - Single - Drdhead - G.C. or G.O. Multiple Single				Packer Set At None		County Rio Arriba
Producing Thru Casing		Reservoir Temp. °F A		Mean Annual Temp. °F		Baro. Press. - P _a 12 psia
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								782		
1.	2 inch	.750							35	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		47	1.000	.9608	1.002	559
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	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 _i ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.00535$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.00454$
1		58	3355	627081		
2						
3		Calculated				
4						
5						

Absolute Open Flow 562 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .85

Remarks: Gas completely dry.

Approved By Division	Conducted By: <i>[Signature]</i>	Calculated By: <i>[Signature]</i>	Checked By: CURTIS J. LITTLE
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