

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 5-4-81	
Company Curtis J. Little			Connection EPNG		
Pool Ballard			Formation Pictured Cliff		Unit
Completion Date 4-27-81		Total Depth 2687		Plug Back TD 2628	Elevation 6631
Farm or Lease Name Salazar					Well No. 1
Csg. Size 2 7/8	Wt. 6.5	d 2.441	Set At 2660	Perforations: From To	
Tq. Size	Wt. slim	d hole	Set At	Perforations: From 2526 To 2588	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None	
Producing Thru Casing		Reservoir Temp. °F 8		Mean Annual Temp. °F	
				Baro. Press. - P _a 12 psi est.	
				State New Mexico	
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								631		3 hours
1.	2 inch	.750							71	51°	
2.											
3.											
4.											

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		83	1.0088	.9608	1.011	1006
2.							
3.							
4.							
5.							

NO.	P _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	XXXXXX
3.					Specific Gravity Flowing Fluid	XXXXXX
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

P _c 643	P _c ² 413449	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.01865$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.01583$
NO.	P _t ²	P _w	P _w ²
1		87	7570
2			
3			
4			
5			

Absolute Open Flow 1021 Mcfd @ 15.025		Angle of Slope 85
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Remarks: No show of water nor oil throughout test. Dry gas only.

Approved By Division	Conducted By: Joe Elledge	Calculated By: Joe Elledge	Checked By: Curtis J. Little
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