

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 6-3-82	
Company Robert L. Bayless		Connection El Paso Natural Gas Co.	
Pool Basin		Unit	
Completion Date 5-27-82		Total Depth 6641	
Plug Back TD 6597		Elevation 6715 G.L.	
Farm or Lease Name Blanco Com		Well No.	
Coq. Size 4.036	Wt. 10.5	d 4.052	Set At 6612
Perforations: From 6464 To 6501		Perforations: From Open To Ended	
Trg. Size 2.435	Wt. 4.7	d 1.995	Set At 6470
Type Well - Single - Brinthead - G.G. or G.O. Multiple Single		Packer Set At None	
Producing Thru Tubing		Baro. Press. - P _a 12 psia	
Reservoir Temp. °F 8		Mean Annual Temp. °F	
County San Juan		State New Mexico	
L	H	Gg .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
1	1.500		.750	217			1419	58°	1480	522	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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.3650		229	1.0019	.9608	1.023	2788
2							
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	Specific Gravity Flowing Fluid	Critical Pressure P.S.I.A.	Critical Temperature R
1							XXXXXX	XXXXX		
2										
3										
4										
5										

NO.	P _r ²	P _w ²	P _r ² - P _w ²	(1) $\frac{P_r^2}{P_r^2 - P_w^2} =$	(2) $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n =$
1	534	285156	1040908	1.1469	1.10827
2					
3					
4					
5					

Absolute Open Flow 3090 Mcfd @ 15.025		Angle of Slope 75	
Remarks: Dry gas with a mist of water and show of oil.			
Approved By Division	Conducted By: Joe Elledge	Calculated By: Joe Elledge	Checked By: Kevin McCord