

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 11-13-80			
Company El Paso Natural Gas Company				Connection El Paso Natural Gas Company			
Pool Blanco				Formation Mesa Verde			
Completion Date 11-06-80		Total Depth 6345		Plug Back TD 6329			
Elevation 6821'G.L.		Farm or Lease Name San Juan 30-6 Unit					
Csg. Size 7.000	Wt. 20.0	d 6.456	Set At 4079	Perforations: From *5824 To 6320			
Thg. Size 2.375	Wt. 4.7	d 1.995	Set At 6259	Perforations: From To			
Type Well - Single - Brodenhead - G.G. or G.O. Multiple Single				Packer Set At			
Producing Thru				Baro. Press. - P _g			
Reservoir Temp. °F ●				State New Mexico			
Mean Annual Temp. °F		County Rio Arriba		Well No. #86A			
L	H	G _g	% CO ₂	% N ₂	% H ₂ S		
Prover		Meter Run		Taps			
FLOW DATA							
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w		
SI							
1.							
2.							
3.							
4.							
5.							
TUBING DATA							
NO.	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow		
SI			340		7 Days		
1.							
2.							
3.							
4.							
5.							
CASING DATA							
NO.	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow		
SI			642		7 Days		
1.							
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	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1							
2.							
3.							
4.							
5.							
NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.		
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.		
2.					Specific Gravity Separator Gas _____		
3.					Specific Gravity Flowing Fluid _____		
4.					Critical Pressure _____ P.S.I.A.		
5.					Critical Temperature _____ R		
P_c					NOV 19 1980		
P_c^2					OIL CON. COM.		
P_w^2					DIST. 3		
NO.	P _t ²	P _w ²	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$		
1							
2							
3							
4							
5							
Absolute Open Flow _____ Mcfd @ 15.025					Angle of Slope θ _____		Slope, n _____
Remarks: _____					1041 Mcf/n - For Sizing Equipment Only		
Approved By Division		Conducted By: Bobby Easterling		Calculated By: H.E. McAnally		Checked By:	