

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 12-8-80						
Company El Paso Natural Gas Company					Connection El Paso Natural Gas company						
Pool Blanco					Formation Mesa Verde			Unit San Juan 30-6			
Completion Date 12-1-80			Total Depth 6458		Plug Back TD 6440		Elevation 6890 GR		Farm or Lease Name San Juan 30-6 Unit		
Csq. Size 7.000	Wt. 23.0	d 6.366	Set At 4228	Perforations: From*5550 To 6402				Well No. #91A			
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6371	Perforations: From To				Unit P	Sec. 28	Twp. 30	Rge. 7
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At			County Rio Arriba			
Producing Thru Tbg.		Reservoir Temp. °F #		Mean Annual Temp. °F		Baro. Press. - P _a 12		State New Mexico			
L	H	Gg	% 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							507		804		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 Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1							
2							
3							
4							
5							

NO.	P _t	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 _t ²	P _w ²	P _c ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(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 @ _____		Slope, n _____	
Remarks: _____						
Approved By Division		Conducted By: Bob Easterling		Calculated By: H. E. McNally		Checked By:

