

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 2-4-80			
Company El Paso Natural Gas Company				Connection					
Pool Blanco				Formation Mesa Verde				Unit	
Completion Date 1-28-80		Total Depth 5280		Plug Back TD 5262		Elevation 5978' GL		Farm or Lease Name Heaton	
Coq. Size 4.500	wt. 10.5	d 4.052	Set At 5280	Perforations: From 4622 To 5150		Well No. 5A			
Trq. Size 2.275	wt. 4.7	d 1.995	Set At 5116	Perforations: From To		Unit F		Sec. 28	Twp. 31
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At		County San Juan	
Producing Thru		Reservoir Temp. °F a		Mean Annual Temp. °F		Baro. Press. - P _a		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							398		858		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 _f	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 _____ XXXXX XXXXX
3					Specific Gravity Flowing Fluid _____ XXXXX
4					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5					Critical Temperature _____ R _____ R

NO.	P _f	P _w	P _c	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 _____ field @ 15.025				Angle of Slope @ _____	
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