

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 3-10-80			
Company El Paso Natural Gas Company						Connection			
Pool Blanco						Formation Mesa Verde		Unit	
Completion Date 3-1-80			Total Length 4960		Plug Back TD 4942		Elevation		Form or Lease Name Hardie
Csg. Size 4.500	Wt. 10.5	d	Set At 4960	Perforations: From 3871 To 4904		Well No. E 1A			
Tub. Size 2.375	Wt. 4.7	d	Set At 4879	Perforations: From To		Unit I		Sec. 16	Twp. 28
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At		County San Juan	
Producing Thru		Reservoir Temp. °F D		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico	
L	H	G _v	% CO ₂	% H 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. hwy	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
1							910		915		9 Days
2											
3											
4											
5											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{K_{D,P} P_{in}}$	Pressure P _m	Flow Temp. Factor F _L	Gravity Factor F _g	Super Compress. Factor, F _{sp}	Rate of Flow Q, Mcfd
1							
2							
3							
4							
5							

NO.	P ₁	Temp. °R	T ₁	Z	Gas Liquid Hydrocarbon Ratio	Mcfd, Lbl.
1					A.P.G. Gravity of Liquid Hydrocarbons	Deg.
2					Specific Gravity Separator Gas	XXXXXX.XXX
3					Specific Gravity Flowing Fluid	XXXXX
4					Critical Pressure	P.S.I.A.
5					Critical Temperature	°R

NO.	P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈	P ₉	P ₁₀
1										
2										
3										
4										
5										

(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$

ADP = 0 $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$



Absolute Open Flow	Conducted By: J. Easley	Calculated By: C.R. Wagner	Checked By:
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