

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 5-4-81			
Company El Paso Natural Gas Company				Connection El Paso Natural Gas Company		(OWWO)	
Pool Blanco(PC) Ext.				Formation Pictured Cliffs		Unit San Juan 32-9	
Completion Date 4-25-81		Total Depth 3301		Plug Back TD 3290		Elevation 6303 GL	
Csg. Size 2.875		ID 6.5		Perforations: From 3157 To 3201		Well No. #97	
Tub. Size NONE		ID d		Perforations: From To		Unit Sec. Twp. Rye. E 12 31 10	
Type Well - Single - Broadhead - G.G. or G.O. Multiple Single						Packer Set At	
Producing thru						County San Juan	
Reservoir Temp. °F p		Mean Annual Temp. °F		Baro. Press. - P _a 12		State New Mexico	
L	H	G _g	% 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.	Blow Nipple 2 1/2"			36" H ₂ O					729		9 Days
2.											1 Hour
3.											
4.											
5.											

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

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf, bbl.
1.					A.P.L. 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

NO.	P ₁	P ₂	P ₃	P ₄ - P ₅	(1) $\frac{P_c^2}{P_1^2 - P_2^2} =$	(2) $\left[\frac{P_c^2}{P_1^2 - P_2^2} \right]^n =$
1.						
2.						
3.						
4.						
5.						

AOI = 0 $\left[\frac{P_c^2}{P_1^2 - P_2^2} \right]^n =$

Angle of Slope =

Absolute Open Flow _____ Mcf @ 15.025

Remarks: _____

Approved by Division	Conducted By Jimmy Thurstonson	Calculated By R. F. Headrick	Checked By
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