

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 5-7-81	
Company El Paso Natural Gas Company		Connection El Paso Natural Gas Company	
Pool Basin		Formation Dakota	
Completion Date 4-28-81		Total Depth 7912	
Plug Back TD 7906		Elevation 6718 Gr	
Csg. Size 4.500		Set At 7859	
Perforations From 7647 To 7862		Well No. #246E	
Tub. Size 1 1/2"		Set At 7846	
Perforations From To		Unit Sec. Twp. Rye. N 8 28 7	
Type well - Single - Broadhead - G.G. or G.O. Multiple Single		Packer Set At	
Producing Thru Tbg.		Baro. Press. - P _a 12	
Reservoir Temp. °F p		State New Mexico	
Mean Annual Temp. °F		County Rio Arriba	
L H Gg % CO ₂ % N ₂ % H ₂ S		Prover Meter run Tops	

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							2430		2430		9 Days
1.	2" Blow Nipple			9							1 Hour
2.											
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 Fg	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1							
2							
3							
4							
5							

NO.	P _i	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	XXXXXX
3					Specific Gravity Flowing Fluid	XXXXXX
4					Critical Pressure	P.S.I.A.
5					Critical Temperature	R

NO.	P _i	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						

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

Absolute Open Flow _____ Mcfd @ 15.025

Angle of Slope θ _____

Slope, n _____

Remarks: _____

Approved by Division	Conducted By John Easley	Calculated By R. F. Headrick	Checked By
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