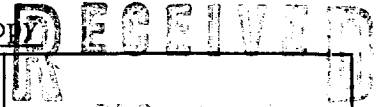


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-55

Corrected Copy



Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 12-13-83	
Company El Paso Natural Gas Co.				Connection El Paso Natural Gas Co.			
Pool Blanco				Formation Pictured Cliffs		Unit 15	
Completion Date 12-6-83		Total Depth 2857		Plug Back TD 2848		Elevation 6216 GL	
Farm or Lease Name Newberry		Well No. 15		Csg. Size 2.875		Wt. 6.5	
Set At 2857		Perforations: From 2637 To 2745		Thq. Size NO TUBING		Set At 2857	
Perforations: From To		Unit J		Sec. 34		Twp. 32	
Rge. 12		Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single		Packer Set At None		County San Juan	
Producing Thru Casing		Reservoir Temp. °F @		Mean Annual Temp. °F @		Baro. Press. - P _a 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	
SI									835		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 _f	Z	Gas Liquid Hydrocarbon Ratio	A.P.I. Gravity of Liquid Hydrocarbons	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure	Critical Temperature
1.										
2.										
3.										
4.										
5.										

NO.	P _t ²	P _w ²	P _w 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.						

NO.	P _t ²	P _w ²	P _w ²	P _c ² - P _w ²	AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1.					
2.					
3.					
4.					
5.					

Absolute Open Flow	Mcfd @ 15.025	Angle of Slope θ	Slope, n
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Approved By Commission:	Conducted By: Bob Haire	Calculated By: Ed Mabe	Checked By:
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