

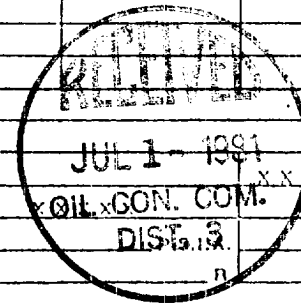
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date			
Company El Paso Natural Gas Company				Connection El Paso Natural Gas Company				(OWWO)	
Pool Basin				Formation Dakota				Unit	
Completion Date		Total Depth 7941		Plug Back TD 7920		Elevation		Farm or Lease Name San Juan 28-7 Unit	
Gas. Size 4.500	Wt. 10.5	d 4.052	Set At 7941	Perforations From 7670 To 7886		Well No. #154			
Flg. Size 2.375	Wt. 4.7	d 1.995	Set At 7844	Perforations From To		Unit G	Sec. 17	Twp. 27	Rye. 7
Type Well - Single - Bronthead - G.C. or G.O. Multiple Single						Packer Set At 7552		County Rio Arriba	
Producing Thru Tbg.		Reservoir Temp. °F p		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico	
L	H	G _v	% 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	
51							562				7 Days
1.											
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 F _g	Super Compress. Factor, F _{spv}	Rate of Flow Q, Mcfd
1							
2							
3							
4							
5							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf, ubl.
1					A.P.I. Gravity of Liquid Hydrocarbons	Deg.
2					Specific Gravity Separator Gas	XXXXXXX
3					Specific Gravity Flowing Fluid	
4					Critical Pressure	P.S.I.A.
5					Critical Temperature	R



NO.	P ₁ ²	P _w ²	P _c 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						

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

Absolute Open Flow		Mcf/d @ 15.025	Angle of Slope @	Slope, n 0.75
Remarks:				

Approved by Division	Conducted by: Dennis Anderson	Calculated by: Ed Mabe	Checked by:
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