

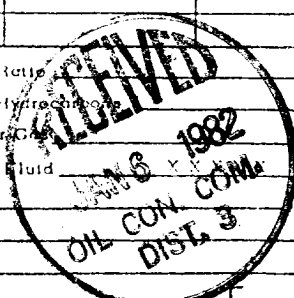
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☐ Initial ☐ Annual ☐ Special					Test Date 1-4-82				
Company El Paso Natural Gas Company				Connection El Paso Natural Gas Company					
Pool Blanco				Formation Mesa Verde				Unit	
Completion Date 12-23-81		Total Depth 5864		Plug Back TD 5845		Elevation 6329 GR		Farm or Lease Name San Juan 30-6 Unit	
Csq. Size 7.000	Wt. 20	d 6.456	Set At 3510	Perforations: From *4987 To 5823		Well No. #94A			
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 5806	Perforations: From To		Unit Sec. Twp. Rge. F 28 30 7			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At None		County Rio Arriba		
Producing Thru Tbg.		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	
SI							428		700		12 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, F _{spv}	Rate of Flow Q, Mcfd
1.							
2.							
3.							
4.							
5.							

NO.	P _f	Temp. *R	T _f	Z	Gas Liquid Hydrocarbon Ratio	Mcf, bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbon	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 _f	P _w	P _f ²	P _w ²	P _f ² - P _w ²
1.					
2.					
3.					
4.					
5.					

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

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

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

Absolute Open Flow _____ Mcfd @ 15.025		Angle of Slope θ _____		Slope, n .75	
Remarks: _____					

Approved by Division	Conducted By: Bob Easterling	Calculated By: Ed Mabe	Checked By:
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