

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-122
Revised 10-1-78

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	
Completion Date 12-15-81		Total Depth 5841		Plug Back TD 5822	
				Elevation 6221 GR	
Form or Lease Name San Juan 30-6 Unit					
Csq. Size 7.000	wt. 20	d 6.456	Set At 3411	Perforations: From *5034 To 5746	
Well No. #84A					
Tbg. Size 2.375	wt. 4.7	d 1.995	Set At 5733	Perforations: From To	
Type Well - Single - Broadhead - G.G. or G.O. Multiple Single				Packer Set At None	
Producing Thru Tbg.				County Rio Arriba	
Reservoir Temp. *F #		Mean Annual Temp. *F		State New Mexico	
Baro. Press. - P _a 12					
L	H	G _g	% CO ₂	% N ₂	% H ₂ S
Prover		Meter Run		Taps	
FLOW DATA					
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w
1					
2					
3					
4					
5					
TUBING DATA					
				Press. p.s.i.g.	Temp. *F
				463	
CASING DATA					
				Press. p.s.i.g.	Temp. *F
				474	
Duration of Flow 20 Days					
RATE OF FLOW CALCULATIONS					
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_{in}}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g
1					
2					
3					
4					
5					
NO.	P _r	Temp. *R	T _r	Z	Gas Liquid Hydrocarbon Ratio
1					
2					
3					
4					
5					
A.P.I. Gravity of Liquid Hydrocarbon _____ Mcf, bbl. Specific Gravity Separator Gas _____ Deg. Specific Gravity Flowing Liquid _____ XXXXXXXXXX Critical Pressure _____ P.S.I.A. Critical Temperature _____ R P.S.I.A. _____ R					
(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____ AOF = 0 $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____					
Absolute Open Flow _____ Mcf @ 15.025 Angle of Slope @ _____ Slope n 75					
Remarks: _____					
Approved by Division		Conducted By Bob Easterling		Calculated By Ed Mahe	
				Checked By	