

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

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 6-10-80	
Company El Paso Natural Gas Company		Connection	
Pool Blanco		Formation Mesa Verde	
Completion Date		Unit	
Core Size 7.00	WI 20	Total Depth 6090	Plug Back TD 6072
Tbg. Size 2.375	WI .7	Set At 6.456	Elevation 6486 GR
Type Well - Single - ☒ Hardhead - G.G. or G.O. Multiple ☐		Perforations: From *5029 To 5973	Farm or Lease Name San Juan 28-6 Unit
Well No. #71A		Unit 0	Sec. 13
Producing Thru		Twp. 28	Rye. 6
Reservoir Temp. *F a		Mean Annual Temp. *F	County Rio Arriba
L Tbg.	H	Baro. Press. - P _a	State New Mexico
Gg		% CO ₂	% N ₂
% H ₂ S		Prover	Meter Run
Taps			

NO.	Prover Line Size	X	FLOW DATA				TUBING DATA		CASING DATA		Duration of Flow
			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	
1.							640		736		10 Days
2.											
3.											
4.											
5.											

NO.	Coefficient (24 Hour)	RATE OF FLOW CALCULATIONS					Rate of Flow Q, Mcfd
		$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	
1							
2							
3							
4							
5							

O.	P _f	Temp. *R	T _f	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
					A.P.I. Gravity of Liquid Hydrocarbons	Deg.
					Specific Gravity Separator Gas	
					Specific Gravity Flowing Fluid	
					Critical Pressure	X X X X X
					Critical Temperature	X X X X X X X X
					P.S.I.A.	
					R	

P _f ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$

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

into Open Flow _____ Mcfd @ 15.025 Angle of Slope θ _____ Slope, n _____

ed By Commission: _____ Conducted By: John Easley _____ Calculated By: Ed Mabe _____ Checked By: _____

