

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 2-18-81	
Company El Paso Natural Gas Company				Connection El Paso Natural Gas Company	
Pool Blanco				Formation Mesa Verde	
Completion Date 2-10-81		Total Depth 5978		Plug Back TD 5960	
				Elevation 6627 GR	
Csq. Size 7.000		Wt. 20		d 6.456	
Set At 3786		Perforations: From *4917 To 5930		Well No. #1A	
Tbg. Size 2.375		Wt. 4.7		d 1.995	
Set At 5918		Perforations: From To		Unit Sec. Twp. Rge. 11 30 10	
Type Well - Single - Broadhead - G.C. or G.O. Multiple Single				Packer Set At	
Producing Thru Tbg.				County San Juan	
Reservoir Temp. °F 8		Mean Annual Temp. °F		Baro. Press. - P _a 12	
State New Mexico					
L	H	G _q	% 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							326		656		8 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 F _g	Super Compress. Factor F _{pv}	Rate of Flow Q, Mcfd
1.							
2.							
3.							
4.							
5.							

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

NO.	P _c	P _c ²	P _w	P _w ²	P _c ² - P _w ²
1.					
2.					
3.					
4.					
5.					

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

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

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

Absolute Open Flow _____ Mcfd @ 15.025		Angle of Slope θ _____		Slope: n _____	
Remarks: _____					
Approved By Division		Conducted By: Bob Easterling		Calculated By: H. E. McAnally	
				Checked By:	