

**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 7-17-80				
Company El Paso Natural Gas Company				Connection El Paso Natural Gas Company					
Pool Blanco				Formation Mesa Verde				Unit San Juan 29-7	
Completion Date 6-24-80		Total Depth 7835		Plug Back TD 7827		Elevation 6625 GL		Farm or Lease Name San Juan 29-7 Unit	
Csg. Size 7.000	Wt. 23	d 	Set At 6108	Perforations: From 4965 To 5925			Well No. #32A (MV)		
Tbg. Size 1.900	Wt. 2.9	d 1.750	Set At 5895	Perforations: From To			Unit Sec. Twp. Rge. F 32 29 7		
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G.G. Dual					Packer Set At 5968		County Rio Arriba		
Producing Thru Csg.		Reservoir Temp. °F @		Mean Annual Temp. °F 		Baro. Press. - P _a 12		State New Mexico	
L	H	G _g 0.680	% 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							889		944		23 Days
1.	2"		0.750	529		72	608				3 Hrs.
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	12.365		541	0.98887	0.9393	1.061	6591
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1					A.P.I. Gravity of Liquid Hydrocarbons	Deg.
2.					Specific Gravity Separator Gas	XXXXXXXXXX
3.					Specific Gravity Flowing Fluid	XXXXXX
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

P _c 956	P _c ² 913936	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.7259$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.5058$
NO.	P _t ²	P _w	P _w ²
1	292681	620	384400
2			
3			
4			
5			

Absolute Open Flow 9925 Mcfd @ 15.025		Angle of Slope θ	Slope, n 0.75
Remarks: Vented 1037 MCF Gas During The Test.			
Approved By Commission:	Conducted By: N. Waggoner	Calculated By: H. E. McAnally	Checked By: