

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 6-19-80			
Company El Paso Natural Gas Company				Connection El Paso Natural Gas Company					
Pool Blanco				Formation Mesa Verde				Unit San Juan 28-7	
Completion Date 6-12-80		Total Depth 5997		Plug Back TD 5979		Elevation 6741' G1		Farm or Lease Name San Juan 28-7	
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 5997	Perforations: From 4970 To 5925		Well No. 32A (MV)			
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 5980	Perforations: From To		Unit Sec. Twp. Rge. C 19 28 7			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G.G Dual						Packer Set At		County Rio Arriba	
Producing Thru Tbg.		Reservoir Temp. °F @		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	
0.695									

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.	
SI							809			
1.	2"		0.750	272		70				
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		284	0.9905	0.9292	1.030	3329
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 Hydrocarbons	Deq.
2.					Specific Gravity Separator Gas	X X X X X
3.					Specific Gravity Flowing Fluid	X X X X X
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

P _c 821	P _c ² 674041	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.9963$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.6795$
NO. 1	P _f ² 80656	P _w 580	P _w ² 336400
2			
3			
4			
5			

Absolute Open Flow 5591 Mcfd @ 15.025		Angle of Slope ϕ	Slope, n .75
Remarks: 580 MCF/D of Gas Was Produced During The Test			
Approved By Commission:	Conducted By: Norman Waggoner	Calculated By: H. E. McAnally	Checked By: