

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 10-2-80	
Company El Paso Natural Gas Company				Connection El Paso Natural Gas Company		
Pool Blanco				Formation Pictured Cliff		Unit
Completion Date 9-18-80		Total Depth 7596		Plug Back TD 7589		Elevation 6191' GL
Csg. Size 7.000		Wt. 23.0	d 6.366	Set At 3401	Perforations: From 3047 To 3070	
Tbg. Size 1.660		Wt. 2.33	d 1.380	Set At 3047	Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G.G. Dual				Packer Set At 3200		County San Juan
Producing Thru Csg.		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12
L	H	G _g 0.640	% 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							768		857		14 Days
1.	Choke		0.750	38		57	218				3 Hours
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		50	1.0029	0.9682	1.003	602
2.							
3.							
4.							
5.							

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

P _c 869	P _c ² 755161	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0753$	(2) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0637$
NO	P _t ²	P _w	P _w ²
1		230	52900
2			
3			
4			
5			

Absolute Open Flow 640 Mcfd @ 15.025		Angle of Slope 0.85	
Remarks: 92 MCF Gas Vented During the Test.			
Approved By Commission:	Conducted By: Bobby Easterling	Calculated By: H.E. McAnally	Checked By:

