

**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 5-21-80			
Company El Paso Natural Gas Company				Connection					
Pool Blanco				Formation Pictured Cliff				Unit San Juan	
Completion Date 5-6-80		Total Depth 6053		Plug Back TD 6035		Elevation		Farm or Lease Name S.J. 27-5 Unit (PM)	
Csg. Size 7"	Wt. 20	d	Set At 3778	Perforations: From 3430 To 3494		Well No. 60A			
Tbg. Size 1 1/4	Wt. 33	d	Set At 3490	Perforations: From To		Unit J	Sec. 4	Twp. 27	Rge. 5
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G.G.				Packer Set At 3639		County Rio Arriba			
Producing Thru Csg.		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico	
L	H	Gg	% 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							1089		1080		15 Days
1.		.750		99		61					
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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.365		111	.9990	19463	1.009	1309
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 .670 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 1101	P _c ² 1212201				(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0131$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0111$
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²		
1	12321	125	15625	1196576		
2						
3						
4						
5						

Absolute Open Flow 1324 Mcfd @ 15.025		Angle of Slope θ _____ Slope n .85	
Remarks: 4,500" Liner, Set @ 3625 - 6053 (Well Blew Dry Gas Throughout Test and Vented 142 MCF/D To The Atmosphere.)			
Approved By Commission:	Conducted By: D. Norton	Calculated By: C. R. Wagner	Checked By:

