

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

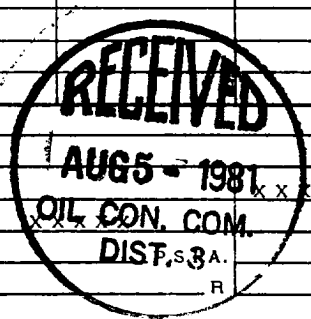
Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 8-3-81			
Company El Paso Natural Gas Company				Connection El Paso Natural Gas Company					
Pool Blanco				Formation Mesa Verde				Unit	
Completion Date 7-19-81		Total Depth 7850		Plug Back TD 7841		Elevation		Farm or Lease Name San Juan 29-7 Unit	
Csq. Size 9.625	Wt. 40	d 8.835	Set At 3730	Perforations: From *4977 To 5942		Well No. #110M			
Thq. Size 1.900	Wt. 2.9	d 1.610	Set At 5928	Perforations: From To		Unit I	Sec. 31	Twp. 29	Rge. 7
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G. G. Dual						Packer Set At 6050		County Rio Arriba	
Producing Thru Csg.		Reservoir Temp. *F @		Mean Annual Temp. *F		Baro. Press. - P _a 12		State New Mexico	
L	H	Gg .660	% 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							322		855		15 Days
1.			.750	491		69	288		491		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 F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		503	.9915	.9535	1.051	6180
2.							
3.							
4.							
5.							

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



P _c 867	P _c ² 751689	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{751689}{249008}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.2902$
NO.	P _t ²	P _w	P _w ²
1		709	502681
2			
3			
4			
5			

Absolute Open Flow 14, 153 Mcfd @ 15.025		Angle of Slope @	Slope, n .75
Remarks: *7.000" Liner - 3559' - 6139'			
*4.500" Liner - 6073' - 7850'			

Approved By Commission:	Conducted By: John Easley	Calculated By: Ed Mabe	Checked By:
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