

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

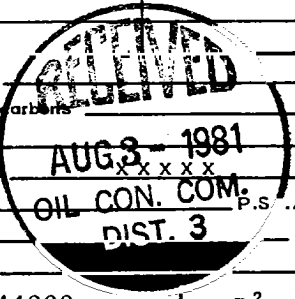
Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 7-30-81				
Company El Paso Natural Gas Company				Connection Northwest Pipeline Corp.					
Pool Blanco				Formation Mesa Verde				Unit San Juan 27-5	
Completion Date 7-15-81		Total Depth 7911		Plug Back TD 7903		Elevation 6601 GR		Farm or Lease Name San Juan 27-5	
Csg. Size 9.625	Wt. 40	d 8.835	Set At 3816	Perforations: From *5108 To 6000			Well No. #98E		
Tbg. Size 1.900	Wt. 2.9	d 1.610	Set At 5963	Perforations: From To			Unit Sec. Twp. Rge. L 14 27 S		
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G. G. Dual					Packer Set At 6020		County Rio Arriba		
Producing Thru Csg.		Reservoir Temp. °F a		Mean Annual Temp. °F		Baro. Press. - P _g 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							1058		1019		15 Days
1.			.750	469		67	567		469		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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.365		481	.9933	.9535	1.053	5932
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	XXXXXXX
3.					Specific Gravity Flowing Fluid	XXXXXX
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	°R



P _c 1070	P _c ² 1144900	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{1144900}{809659}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.2967$
NO.	P _t ²	P _w	P _w ²
1		579	335241
2			
3			
4			
5			

Absolute Open Flow 7692 Mcfd @ 15.025		Angle of Slope θ		Slope, n .75
Remarks: * 7.000" Liner 3685' - 6211'				
* 4.500" Liner 6050' - 7911'				
Approved By Commission:		Conducted By: Harold Cloer		Calculated By: Ed Mabe
Checked By:				