

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

Form C-112
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 10-14-82							
Company El Paso Natural Gas Company				Connection Northwest Pipeline Corp.							
Pool Elanco				Formation Mesa Verde							
Completion Date 10-07-82		Total Depth 6720		Plug Back TD 6696							
				Elevation 7237 GR							
Farm or Lease Name San Juan 27-4 Unit											
Csg. Size 7.000	Wt. 23	d 6.366	Set At 4514	Perforations: From *5923 To 6603							
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6593	Perforations: From To							
Type Well - Single - Brazenhead - G.G. or G.O. Multiple Single				Packer Set At None							
Producing Thru Tbg.		Reservoir Temp. *F a		Mean Annual Temp. *F							
				Baro. Press. - P _a 12							
L		H	G _g	% CO ₂	% N ₂						
				% H ₂ S	Prover						
					Meter Run						
					Taps						
FLOW DATA TUBING DATA CASING DATA											
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. hw	Temp. *F	Press. p.s.i.g.	Temp. *F	Press. p.s.i.g.	Temp. *F	Duration of Flow
SI							1002		1159		7 Days
1.											
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											
2											
3											
4											
5											
NO.	P _f	Temp. *R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/sbl. A.P.I. Gravity of Liquid Hydrocarbons _____ Deg. Specific Gravity Separator Gas _____ X X X X X X X X Specific Gravity Flowing Fluid _____ X X X X X Critical Pressure _____ P.S.I.A. _____ P.S.I.A. Critical Temperature _____ R _____ R						
1											
2											
3											
4											
5											
NO.	P _f	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____ ACF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____						
1											
2											
3											
4											
5											
Absolute Open Flow _____ Mcfd @ 15.025					Angle of Slope @ _____			Slope, n _____			
Remarks: * 4.500" Liner 4333' - 6715' After Frac Gauge - 2047 MCF/D For Sizing Equipment Only											
Approved by Commission:			Conducted By: Bill Clark			Calculated By: Bill Clark			Checked By:		