

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

Form C-122
Revised 9-1-65

Test Type: ☒ Initial ☐ Annual ☐ Special				Test Date: 11-20-81	
Company: El Paso Natural Gas Company				Connection: Northwest Pipeline Corp.	
Formation: Blanco				Unit: Mesa Verde	
Completion Date: 11-13-81		Total Depth: 6614		Plug Back TD: 6020	
Elevation: 7125 GR		Farm or Lease Name: San Juan 27-4 Unit			
Dog. Size: 7.000	Wt.: 20	d: 6.456	Set At: 4378	Perforations: From *5693 To 6540	
Dog. Size: 2.375	Wt.: 4.7	d: 1.995	Set At: 6512	Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple: Single				Packer Set At: None	
Producing Thru Tbg.		Reservoir Temp. °F @		Mean Annual Temp. °F	
Baro. Press. - P _a : 12		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							442		1135		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 _r	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 _____ 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

NO.	P _c	P _w	P _c ²	P _w ²	P _c ² - P _w ²
1					
2					
3					
4					
5					

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \text{_____}$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \text{_____}$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \text{_____}$

Absolute Open Flow _____ Mcfd @ 15.025	Angle of Slope @ _____	Slope, n <u>75</u>
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Remarks: _____

Approved by Commission:	Conducted By: J. S. Florez	Calculated By: Ed Mabe	Checked By:
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