

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 9-27-82	
Company El Paso Natural Gas Company				Connection Northwest Pipeline Corp.			
Pool Blanco				Formation Mesa Verde		Unit #145	
Completion Date		Total Depth 6283		Plug Back TD 6232		Elevation 6800 GR	
Farm or Lease Name San Juan 27-4 Unit							
Csq. Size 7.00*	Wt. 20.0	d 6.456	Set At 4068	Perforations: From 5392 To 6166			Well No. #145
Tbg. Size 2.375	Wt. 4.70	d 1.995	Set At 6162	Perforations: From To			Unit Sec. Twp. Rge. K 21 27 4
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At		County Rio Arriba	
Producing Thru		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12.0	
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							595		1152		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 _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 _____ 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 _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____
1.						
2.						
3.						
4.						
5.						

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

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

Absolute Open Flow _____ Mcfd @ 15.025	Angle of Slope θ _____	Slope, n _____
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Remarks: *4 1/2" Liner 3902' to 6283	
After Frac Guage = 1841 MCF/D - Used to Size Equipment	

Approved By Commission:	Conducted By: L. Nation	Calculated By: Bill Clark	Checked By:
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