

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						
Completion Date * 9-18-82			Total Depth 6283'		Plug Back TD 6232'		Elevation 6800 GR		Farm or Lease Name San Juan 27-4 Unit		
Csg. 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 _f	Temp. *R	T _f	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 _f 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 $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____

Absolute Open Flow _____ Mcfd @ 15.025

Angle of Slope Θ _____

Slope, n _____

Remarks: *CORRECTED COPY

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