

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: 11-16-81				
Company: El Paso Natural Gas Company				Connection: Northwest Pipeline Corp.					
Pool: Blanco				Formation: Mesa Verde				Unit:	
Completion Date: 11-9-81		Total Depth: 6269		Plug Back TD: 6250		Elevation: 6748 GR		Farm or Lease Name: San Juan 27-4 Unit	
Csg. Size: 4.500	Wt.: 10.5	d: 4.052	Set At: 6270	Perforations: From 5337 To 6180		Well No.: #139			
Tbg. Size: 2.375	Wt.: 4.7	d: 1.995	Set At: 6174	Perforations: From To		Unit Sec. Twp. Rge. I 9 27 4			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At: None		County: Rio Arriba		
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							461		1087		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 _t	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) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____ AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____	
1						
2						
3						
4						
5						

Absolute Open Flow _____ Mcfd @ 15.025		Angle of Slope θ _____ Slope, n _____	
Remarks: _____			

Approved By Commission:	Conducted By: W. D. Paul	Calculated By: Ed Mabe	Checked By:
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