

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 11-9-81			
Company El Paso Natural Gas Co.				Connection Northwest Pipeline					
Pool Blanco				Formation Mesa Verde				Unit	
Completion Date 11-2-81		Total Depth 6307		Plug Back TD 6286		Elevation 6797 GR		Farm or Lease Name S. J. 27-4 Unit	
Coq. Size 7.000	Wt. 20	d 6.456	Set At 3999	Perforations: From *5443 To 6214		Well No. 140			
Trq. Size 2.375	Wt. 4.7	d 1.995	Set At 6199	Perforations: From To		Unit I	Sec. 10	Twp. 27	Rge. 4
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At None		County Rio Arriba	
Producing Thru Tubing		Reservoir Temp. *F a		Mean Annual Temp. *F		Baro. Press. - P _a 12		State New Mexico	
L	H	G _g .660	% 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							1089		1168		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 F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	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 _r	P _w	P _w ²	P _r ² - P _w ²	(1) $\frac{P_r^2}{P_r^2 - P_w^2} =$ _____	(2) $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n =$ _____
1						
2						
3						
4						
5						

NO.	P _r	P _w	P _w ²	P _r ² - P _w ²	ACF = Q $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n =$ _____
1					
2					
3					
4					
5					

Absolute Open Flow _____ Mcfd @ 15.025	Angle of Slope @ _____	Slope, n _____ 75
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Approved By Commission: _____	Conducted By: W. D. Paul	Calculated By: Ed Mabe	Checked By: _____
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