

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

Form C-122
Revised 7-1-59

Type Test: ☒ Initial ☐ Annual ☐ Special						Test Date: 11-9-81	
Company: El Paso Natural Gas Co.				Connection: Northwest Pipeline			
Well: 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							
Perf. Size: 7.000	Int. 20	Perf. Depth: 6.456	Set At: 3999	Perforations: From * 5443 To 6214		Well No. 140	
Perf. Size: 2.375	Int. 4.7	Perf. Depth: 1.995	Set At: 6199	Perforations: From To		Unit Sec. Twp. Rys. I 10 27 4	
Type well - Single - Broadhead - G.G. or G.O. Multiple				Packer Set At: None		County: Rio Arriba	
Producing Thru Tubing		Reservoir Temp. *F: 9		Mean Annual Temp. *F:		Baro. Press. - P _a : 12	
State: New Mexico		L: H: G:		% CO ₂ : % N ₂ : % H ₂ S:		Prover: Meter Run: Taps:	
.660							

FLOW DATA							TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Critice 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	
1.							1089		1168		7 days
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{P_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1.							
2.							
3.							
4.							
5.							

NO.	P _r	Temp. *F	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mc/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons	Deg.
2.					Specific Gravity Separator Gas	XXXXXXX
3.					Specific Gravity Flowing Fluid	XXXXXX
4.					Critical Pressure	P.S.I.A. P.S.I.A.
5.					Critical Temperature	R R

NO.	P _r	P _w	P _a	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.						

Absolute Open Flow		Mcfd @ 15.025	Angle of Slope	Slope, n
				75

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