

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

Form C-122
 Revised 9-1-65

REVISED

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 2-7-86				
Company El Paso Natural Gas Co.					Connection				
Pool Blanco					Formation Mesa Verde				
Completion Date		Total Depth 7689		Plug Back TD 7681*		Elevation 6570 GR		Farm or Lease Name San Juan 27-5 Unit	
Csg. Size 9.625	Wt. 40.0	d 8.835	Set At 3550	Perforations: From 4895* To 5835		Well No. #97M			
Tbg. Size 1.900	Wt. 2.9	d 1.610	Set At 5821	Perforations: From To		Unit Sec. Twp. Rge. D 31 27 05			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple .G.G Dual					Packer Set At 5874		County Rio Arriba		
Producing Thru Tbg.		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _g 12		State New Mexico	
L	H	G _g .700	% 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							582		627		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 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 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 ²	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{P_c^2}{P_c^2 - P_w^2}$ AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1					
2					
3					
4					

RECEIVED

FEB 12 1986

OIL CON. DIV.

DIST. 3

Absolute Open Flow _____ Mcfd @ 15.025		Angle of Slope @ _____		Slope, n _____
Remarks: _____				
Approved By Commission:		Conducted By: E. Minert	Calculated By: Scott H. Lindsay	Checked By: kld