

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 3-31-80	
Company El Paso Natural Gas Company		Connection	
Pool Blanco		Formation Mesa Verde	
Completion Date 3-22-80		Total Depth 5500	Plug Back TD 5438
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 5500
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 5439
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single		Packer Set At	Baro. Press. - P _a
Producing Thru L H		Reservoir Temp. °F a	Mean Annual Temp. °F
Gg		% CO ₂	% N ₂
		% H ₂ S	Prover
		Meter Run	Taps
Farm or Lease Name Russell			
Well No. 1A			
Unit I	Sec. 24	Twp. 28	Rge. 8
County San Juan			
State New Mexico			

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
1.							323		965		9 Days
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 _r	Z	Gas Liquid Hydrocarbon Ratio	A.P.I. Gravity of Liquid Hydrocarbons	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure	Critical Temperature
1.								XXXXXX		
2.										
3.										
4.										
5.										

NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²
1.				
2.				
3.				
4.				
5.				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____

Absolute Open Flow _____ Mcfd @ 15.025

Angle of Slope @ _____

Approved By Commission:	Conducted By: J. Easley	Calculated By: C. R. Wagner	Checked By:
-------------------------	----------------------------	--------------------------------	-------------