

**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 4-7-80	
Company El Paso Natural Gas Co.				Connection		
Pool Blanco				Formation Mesa Verde		Unit
Completion Date 3-28-80		Total Depth 5349		Plug Back TD		Elevation
Farm or Lease Name Sunray						
Csg. Size 4.500	Wt. 10.5	d	Set At 5349	Perforations: From 4470 To 5215		Well No. C #1A
Tbg. Size 2.375	Wt. 4.7	d	Set At 5188	Perforations: From To		Unit Sec. Twp. Rge. D 1 30 11
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At		County San Juan
Producing Thru		Reservoir Temp. °F @		Mean Annual Temp. °F		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
1.							272		991		10 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 _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 ²	P _w ²	R _w ²	P _c ² - R _w ²	$(1) \frac{P_c^2}{P_c^2 - R_w^2} =$ $(2) \left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n =$ $AOF = Q \left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n =$
1.					
2.					
3.					
4.					
5.					

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

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