

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 5-3-82			
Company El Paso Natural Gas Company						Connection El Paso Natural Gas Company			
Pool S. Blanco- Blanco						Formation Pic. Cliffs - Mesa Verde		Unit San Juan 27-5 Unit	
Completion Date 4-23-82		Total Depth 5550'		Plug Back TD		Elevation		Farm or Lease Name San Juan 27-5 Unit	
Csg. Size 5.500	Wt. 15.5	d 4.950	Set At 5543'	Perforations: From 3160' To 5490'		Well No. 54			
Tub. Size 2.375	Wt. 4.7	d 1.995	Set At 5448'	Perforations: From To		Unit L	Sec. 31	Twp. 27	Rge. 5
Type Well - Single - Brodenhead - G.G. or G.O. Multiple Pic. Cliffs - Mesa Verde Commingled						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	Gg	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run	Taps	

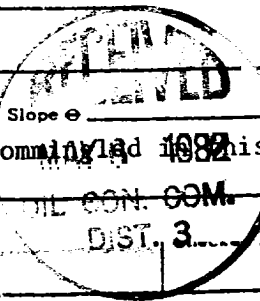
FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
SI							476		522		10 days
1.											
2.											
3.											
4.											
5.											

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 _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1						
2						
3						
4						
5						

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



Absolute Open Flow _____ Mcfd @ 15.025		Angle of Slope @ _____	Slope, n. _____
Remarks: The Pictured Cliffs and Mesa Verde have been commingled in this well NMOCD Order #R-6831.			
Approved By Commission: _____	Conducted By: Ernie Minert	Calculated By: Ed Mabe	