

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 1-26-82	
Company Amoco Production Company				Connection El Paso Natural Gas Company			
Pool Blanco				Formation Mesaverde		Unit	
Completion Date 1-6-82		Total Depth 4551		Plug Back TD 4525		Elevation 5624	
Csg. Size 7.000, 4.500		Wt. 20 10.5		d 6.456 4.052		Set At 4551	
Perf. Size 2.375		Wt. 4.7		d 1.995		Set At 4503	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At None	
Producing Thru Tubing		Reservoir Temp. °F 8		Mean Annual Temp. °F		Baro. Press. - P _a	
L		H		Gg		Meter Run	
% CO ₂		% N ₂		% H ₂ S		Prover	
Taps		State New Mexico		County San Juan		Well No. 1A	
Unit F		Sec. 7		Twp. 29N		R ₁₀₀ 9W	

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.	
SI	11 Days						584		837	
1.	2.375		.750				192		630	3 hrs
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	12.365		204	1.000	.9608	1.020	2472
2.							
3.							
4.							
5.							

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

NO.	P _f	P _w	P _f ² - P _w ²	(1) $\frac{P_c^2}{P_f^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_f^2 - P_w^2} \right]^n =$
1	849	720801	642	2.3354	1.8892
2			412164		
3			308637		
4					
5					

Absolute Open Flow 4670 Mcfd @ 15.025 Angle of Slope θ Slope, n .75			
Remarks: 7.000" landed at 2481'			
4.500" landed at 2359'			
Approved By Commission		Conducted By J. J. Barnett	
Calculated By J. J. Barnett		Checked By	