

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☒ Special						Test Date 1-22-83			
Company Amoco Production Company				Connection Not dedicated					
Pool Bloomfield				Formation Chacra				Unit	
Completion Date 12-29-82		Total Depth 3197		Plug Back TD 3154		Elevation 5474 GL		Farm or Lease Name Anderson Gas Com "A"	
Csq. Size 7.000	Wt. 26	d 6.226	Set At 3197	Perforations: From 2764 To 2870		Well No. 1			
Thq. Size 2.375	Wt. 4.7	d 1.995	Set At 2874	Perforations: From open To ended		Unit C	Sec. 28	Twp. 29	Rge. 10
Type Well - Single - Brodenhead - G.C. or G.O. Multiple Dual				Packer Set At 1920		County San Juan			
Producing Thru Tubing		Reservoir Temp. °F #		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico	
L	H	G _q	% CO ₂	% N ₂	% H ₂ S	Prover	Meier 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	14 Days						790		X		
1.	2.375		.750				265		X		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		277	1.000	.9258	1.028	3260
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

P _c 802	P _c ² 643204	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.4391$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.3139$	
NO.	P _r ²	P _w	P _w ²	P _c ² - P _w ²
1		443	196249	446955
2				
3				
4				
5				

Absolute Open Flow 4283 _____ Mcfd @ 15.025		Angle of Slope @ _____	Slope, n .75
Remarks: _____			
Calculated By: _____		Checked By: _____	