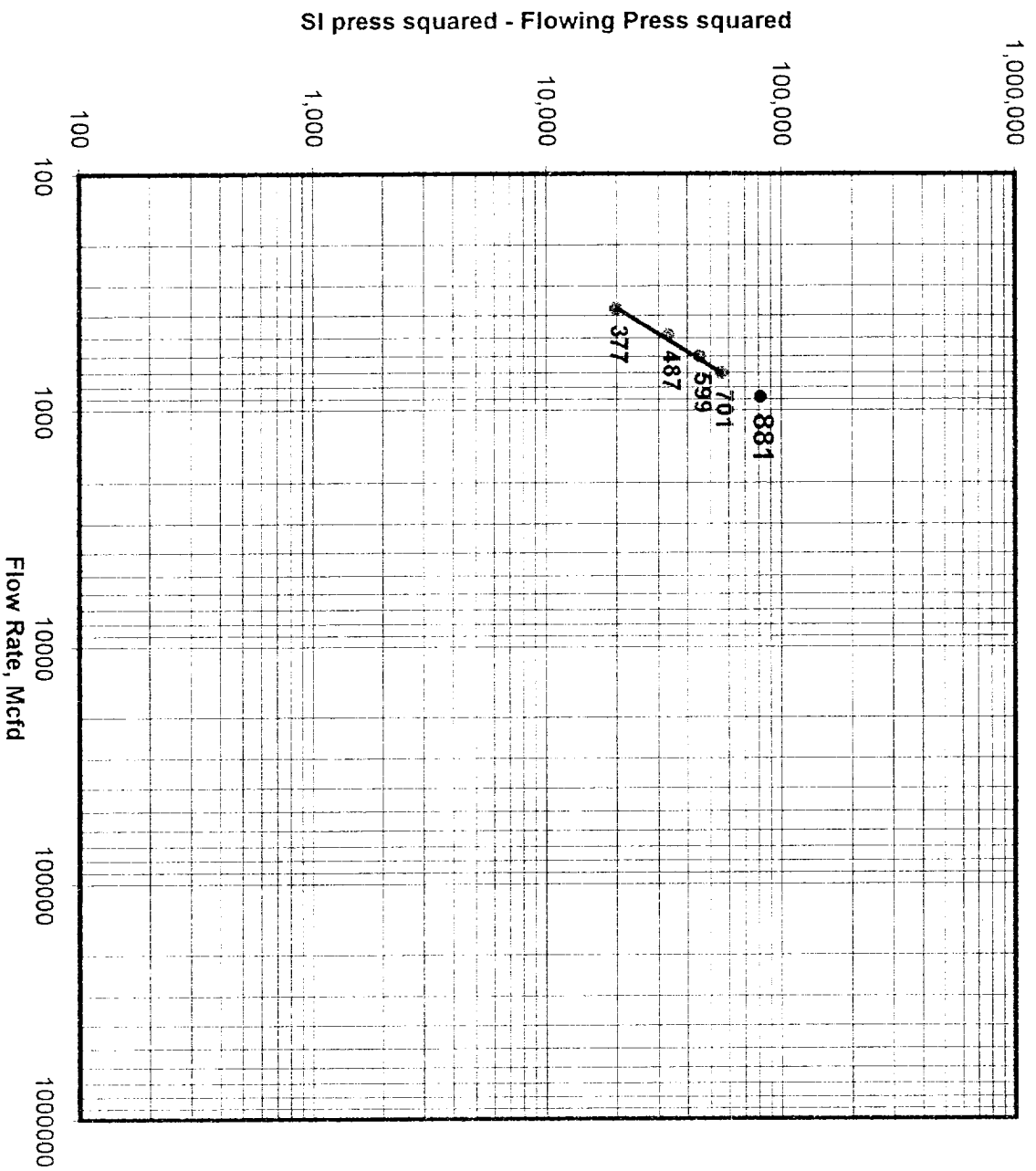


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL Revised 9-1-63

Form C-122

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 9/18/96		API Number 30-059-20346		
Company Amoco Corporation				Connection Bravo Dome CO2 Plant			RTU Number 4109		
Pool N/A				Formation Tubb			Unit BDCDGU		
Completion Date 8/26/96		Total Depth 2488'		Plug Back Depth 2478'		Elevation 4643.40'		Farm or Lease Name Bravo Dome	
Csg. Size 5 1/2		Wt. 15.5#		Csg. Inside Dia 4.75		Set At 2488'		Perforations From 2397' To 2466'	
Tbg. Size X		Wt. X		Tbg. Inside Dia X		Set At. X		Perforations From n/a To n/a	
Type well -Single-Bradenhead-G.G. or G.O. Multiple Single					Packer Set At n/a		County UNION		
Producing Through X		Reservoir Temp. F 95		Mean Annual Temp. F 60		Baro. Press. - PSIA 12.2		State New Mexico	
Flow Channel, L 2478'		Depth, H 2478'		Gg 1.5192		%CO2 100		%N2 0	
				%H2S 0		Prover ORIFICE		Meter Run 4 inch	
								Taps FLANGE	
FLOW DATA					TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Size	Stat. Pres	Diff. Press.	Temp.	Press.	Temp.	Press.	Temp.	
SI		psig	Hw	'F	p.s.i.g.	'F	p.s.i.g.	'F	
1.					272				
2.					235				
3.					207				
4.					178				
5.					148				
					0				
RATE OF FLOW CALCULATIONS									
NO.	Coefficient (24 Hours)	Pressure Pm	Flow Temp. Factor, Ft	Gravity Factor, Fg	Super Compressibility Factor, Fpv	Rate of Flow Q, Mcfd			
SI						Values	Log(10)		
1.						377	2.5763		
2.						487	2.6875		
3.						599	2.7774		
4.						701	2.8457		
5.						881	AOF		
NO.	P r	Temp. 'R	T r	Z	Gas Liquid Hydrocarbon Ratio A. P. I. Gravity of Liquid Hydrocarbon Specific Gravity Separator Gas Specific Gravity Flowing Fluid Critical Pressure Critical Temperature		N/A Mcf/bbl N/A Deg. N/A 1.5192 1072 P.S.I.A. 548 R		
1.									
2.									
3.									
4.									
5.									
Pc 284.2		Pc* 80,770				(1) 4th test point		(2) 4th test point	
NO.	P t^2	Pw	P w^2	Pc^2 - P w^2	Pc^2 - P w^2	Pc^2	P c^2 ^n		
SI					Log(10)	1.466	1.257		
1.		284.2	80,770	0					
2.		247.2	61,108	19,662	4.2936				
3.		219.2	48,049	32,721	4.5148				
4.		190.2	36,176	44,594	4.6493				
5.		160.2	25,664	55,106	4.7412				
Absolute Open Flow 881 Mcfd @ 15.025						Angle of Slope 59.15		Slope, n = 0.597 (Cotangent)	
Remarks:									
Approved By Commission:		Conducted By:			Calculated By:		Checked By:		
		Bill Prichard			Automation Software		Gary Ford, Bill Prichard		

GAS WELL BACK PRESSURE TEST - ABSOLUTE OPEN FLOW



GAS WELL BACK PRESSURE TEST INFLOW PERFORMANCE