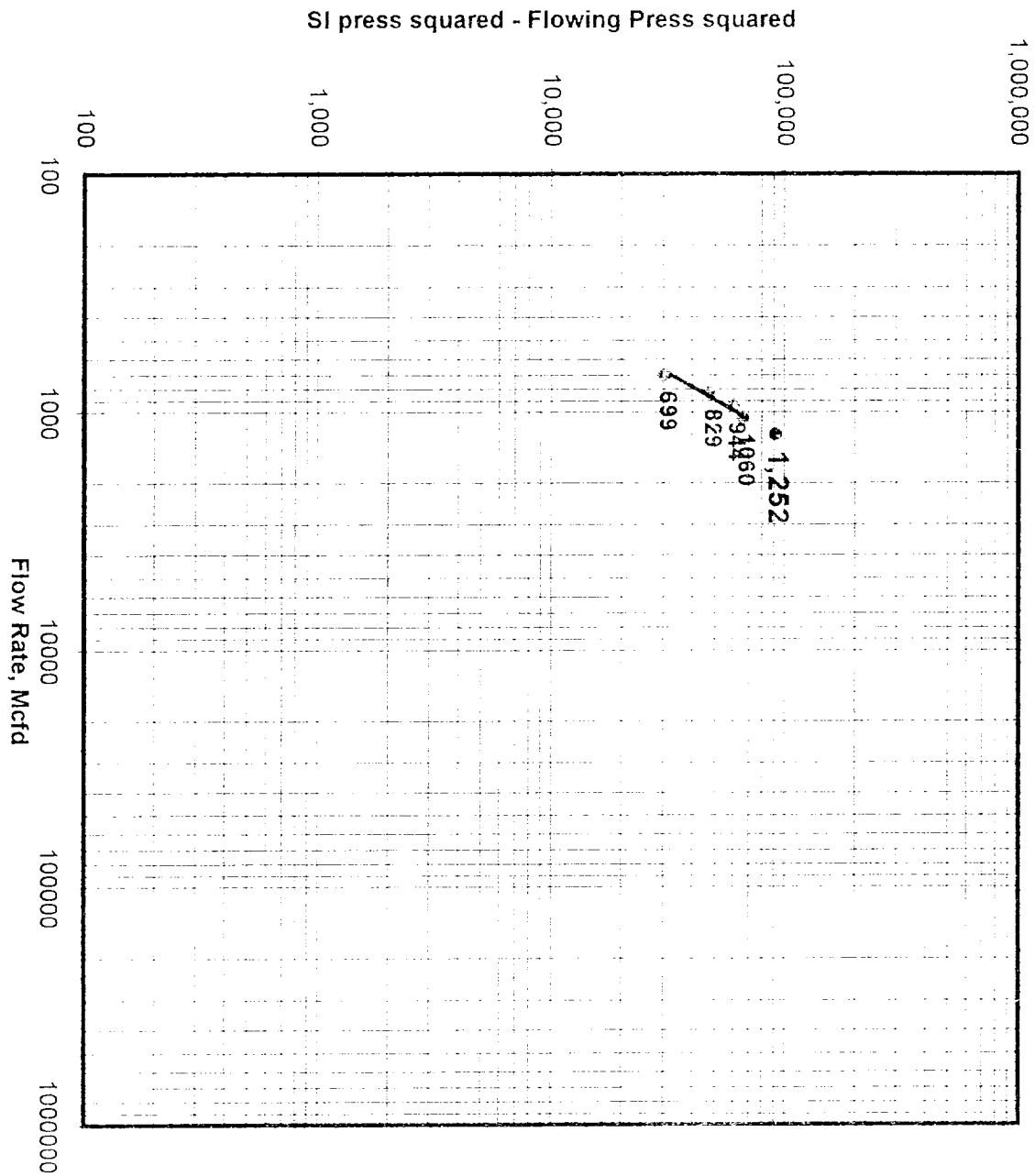


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL Revised 9-1-63

Form C-122

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 8/30/96		API Number 30-059-20350			
Company Amoco Corporation				Connection Bravo Dome CO2 Plant			RTU Number 5111			
Pool N/A				Formation Tubb			Unit BDCDGU			
Completion Date 8/22/96		Total Depth 2383'		Plug Back Depth 2373'		Elevation 4822.10'		Farm or Lease Name Bravo Dome		
Csg. Size 5 1/2	Wt. 15.5#	Csg. Inside Dia 4.75	Set At 2383'	Perforations From 2255' To 2352'		Well Number 2134-242P				
Tbg. Size X	Wt. X	Tbg. Inside Dia X	Set At X	Perforations From n/a To n/a		Unit Sec. Twp. Rge. sec 24, T-21N, R-34E				
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 2373'	Depth, H 2373'	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 psig	Diff. Pres. Hw	Temp. °F	Press. p.s.i.g	Temp. °F	Press. p.s.i.g	Temp. °F		
SI					290				24 hour	
1.					235				60 MIN	
2.					198				60 MIN	
3.					165				60 MIN	
4.					148				60 MIN	
5.					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.						699	2.8445			
2.						829	2.9186			
3.						944	2.9750			
4.						1060	3.0253			
5.						1252	AOF			
NO.	P r	Temp, °R	T r	Z	Gas Liquid Hydrocarbon Ratio N/A Mcf/bbl A. P. I. Gravity of Liquid Hydrocarbon N/A Deg. Specific Gravity Separator Gas N/A Specific Gravity Flowing Fluid 1.5192 Critical Pressure 1072 P.S.I.A Critical Temperature 548 R					
1.										
2.										
3.										
4.										
5.										
Pc 302.2		Pc' 91,325				(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	1.391	P c^2 ^n	1.181	
SI		302.2	91,325	0	Log(10)	P c^2 - P w^2				
1.		247.2	61,108	30,217	4.4803					
2.		210.2	44,184	47,141	4.6734					
3.		177.2	31,400	59,925	4.7776					
4.		160.2	25,664	65,661	4.8173					
5.										
Absolute Open Flow 1,252					Mcf/d @ 15.025		Angle of Slope 63.26		Slope, n = 0.504 (Cotangent)	
Remarks:										
Approved By Commission:		Conducted By: Bill Prichard			Calculated By: Automation Software			Checked By: Gary Ford, Bill Prichard		

GAS WELL BACK PRESSURE TEST - ABSOLUTE OPEN FLOW



GAS WELL BACK PRESSURE TEST INFLOW PERFORMANCE