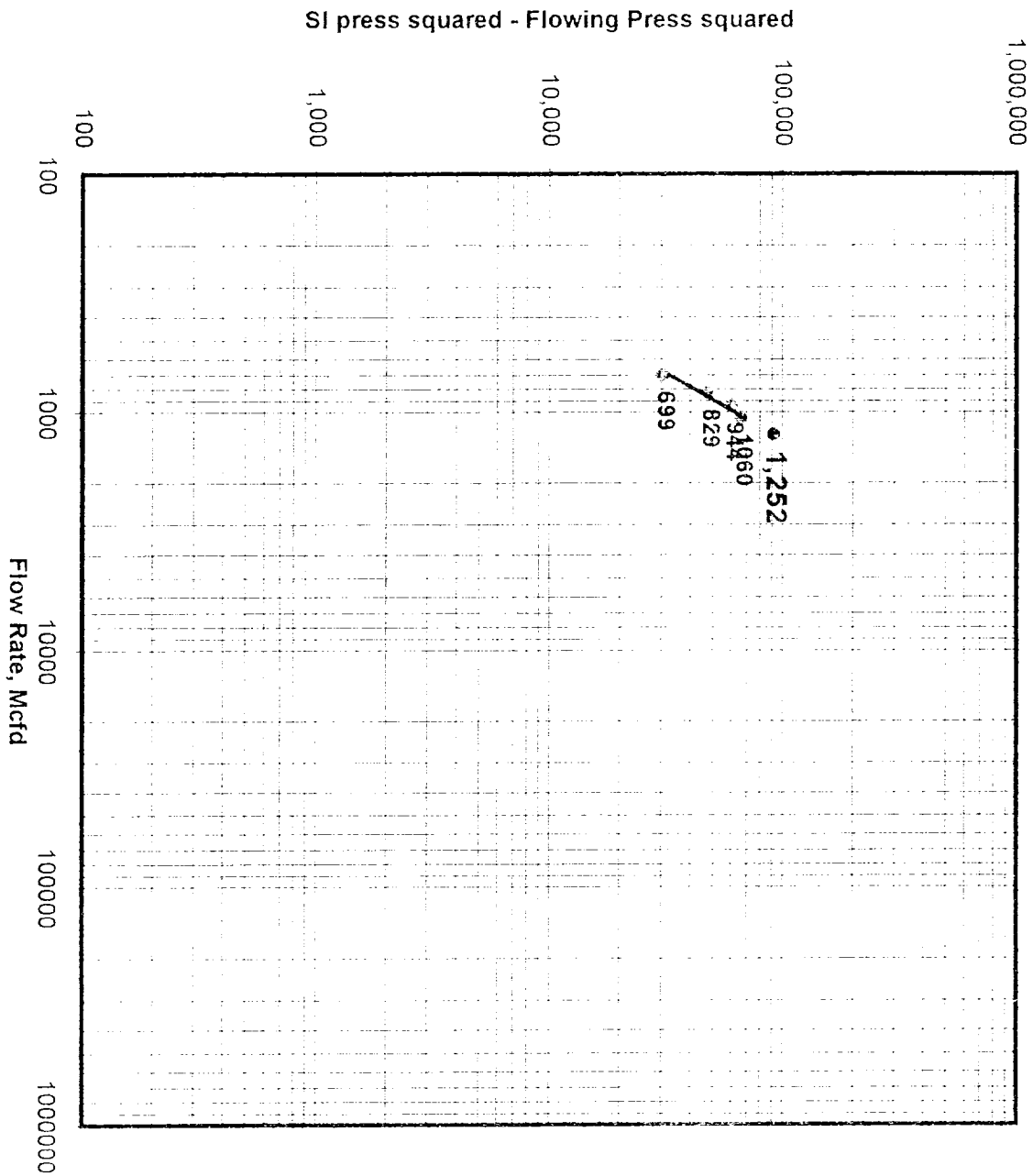


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL Revised 9-1-63

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	Pc^2 - Pw^2		
SI		302.2	91,325	0	Log(10)	1.391	1.181		
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.									
4th test point $Q = \frac{P_c^2 - P_w^2}{P_c^2 - P_w^2} = 1,252 = \text{AOF}$									
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