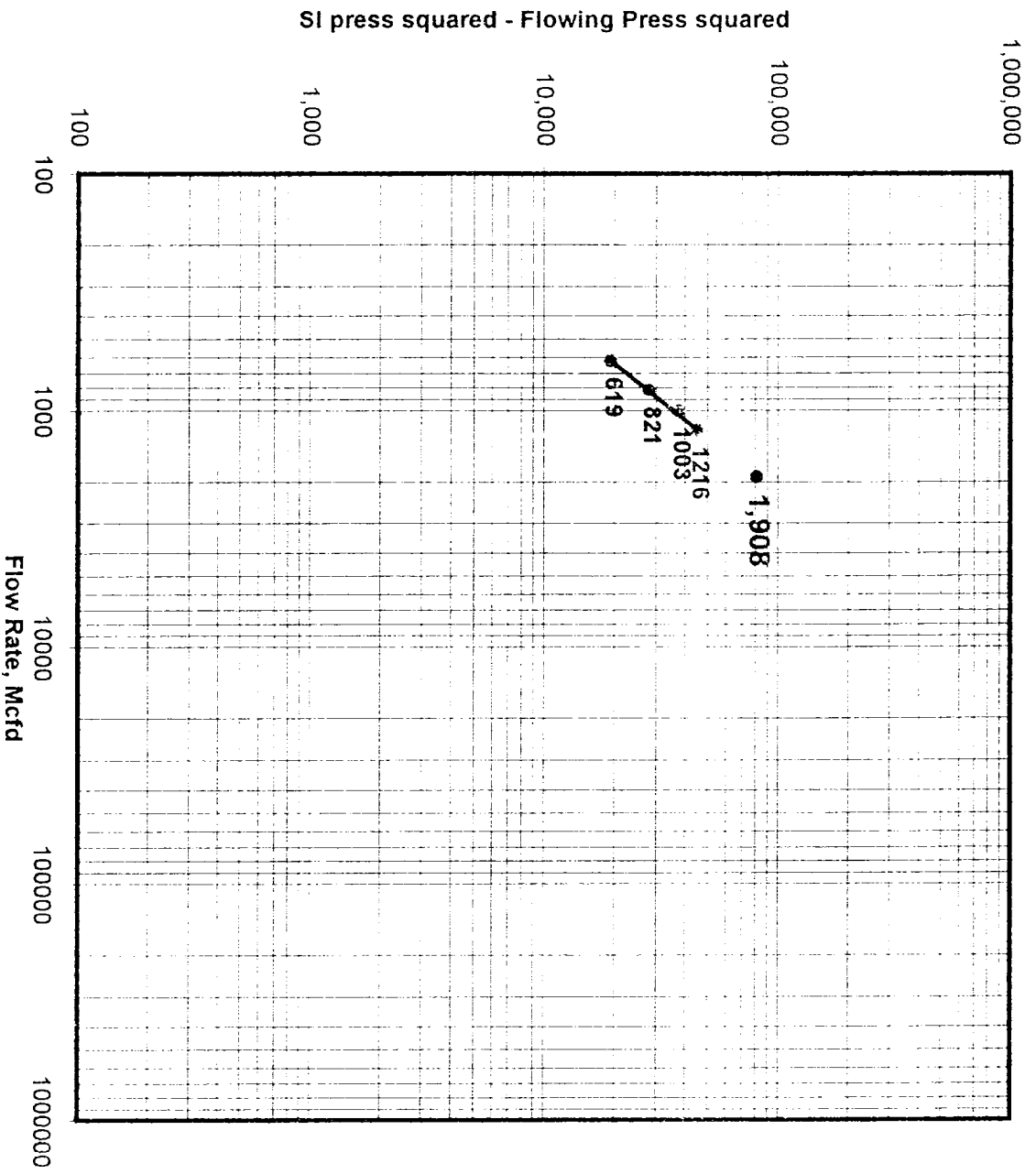


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL Revised 9-1-63

Form C-122

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 9/6/96		API Number 30-059-30361		
Company Amoco Corporation				Connection Bravo Dome CO2 Plant				RTU Number 5110		
Pool N/A				Formation Tubb				Unit BDCDGU		
Completion Date 8/28/96		Total Depth 2368'		Plug Back Depth 2358'		Elevation 4827.00'		Farm or Lease Name Bravo Dome		
Csg. Size 5 1/2	Wt. 15.5#	Csg. Inside Dia 4.75	Set At 2368'	Perforations From 2219' To 2324'		Well Number 2134-243M				
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 2358'	Depth, H 2358'	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	X	Stat. Pres psig	Diff. Press. Hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
SI						271				24 hour
1.						235				60 MIN
2.						217				60 MIN
3.						195				60 MIN
4.						176				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.							619	2.7917		
2.							821	2.9143		
3.							1003	3.0013		
4.							1216	3.0849		
5.							1908	AOF		
NO.	P r	Temp. °R	T r	Z	Gas Liquid Hydrocarbon Ratio A. P. I. Gravity of Liquid Hydrocarbon		N/A Mcf/bbl N/A Deg.			
1.					Specific Gravity Separator Gas		N/A			
2.					Specific Gravity Flowing Fluid		1.5192			
3.					Critical Pressure		1072 P.S.I.A.			
4.					Critical Temperature		548 R			
5.										
Pc	283.2	Pc^	80,202			(1) 4th test point	(2) 4th test point			
NO.	P t^2	Pw	P w^2	Pc^2 - P w^	Pc^2 - P w^2 Log(10)	Pc^2	1.791	P c^2 ^n	1.569	
SI		283.2	80,202	0		P c^2 - P w^2		Pc^2-Pw^2		
1.		247.2	61,108	19,094	4.2809	4th test point $Q \sqrt{P^2 - P_w^2} = AOF$ $\sqrt{Pc^2 - Pw^2}$				
2.		229.2	52,533	27,670	4.4420					
3.		207.2	42,932	37,270	4.5714					
4.		188.2	35,419	44,783	4.6511					
5.										
Absolute Open Flow		1,908	Mcf/d @ 15.025		Angle of Slope		52.30	Slope. n = 0.773 (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

