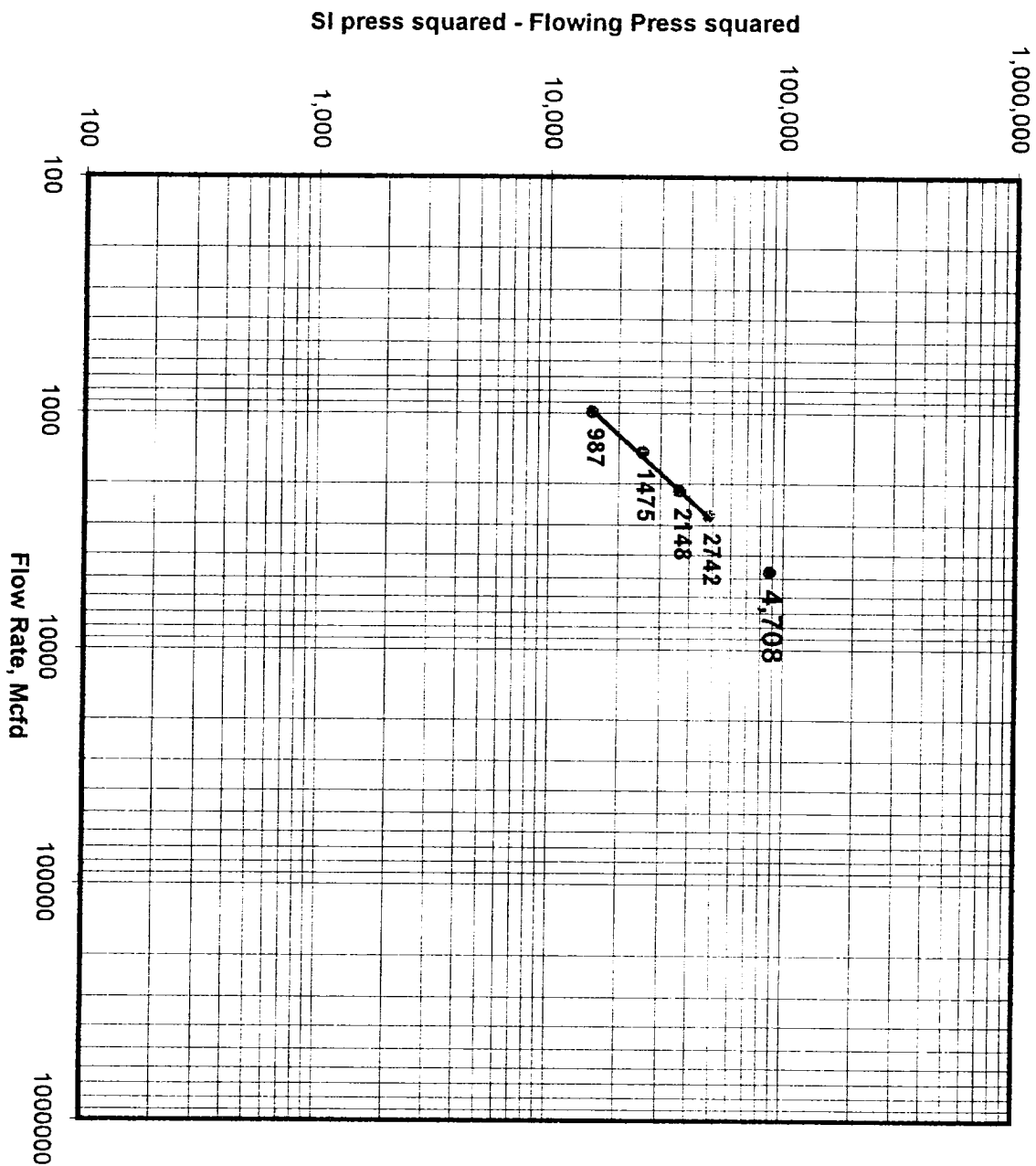


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL Revised 9-1-63

Form C-122

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 9/17/96		API Number 30-059-2063		
Company Amoco Corporation				Connection Bravo Dome CO2 Plant			RTU Number 5113		
Pool N/A				Formation Tubb			Unit BDCDGU		
Completion Date 8/29/96		Total Depth 2293'		Plug Back Depth 2283'		Elevation 4741.70'		Farm or Lease Name Bravo Dome	
Csg. Size 5 1/2	Wt. 15.5#	Csg. Inside Dia 4.75	Set At 2293'	Perforations From 2130' To 2248'		Well Number 2135-302M			
Tbg. Size X	Wt. X	Tbg. Inside Dia X	Set At X	Perforations From n/a To n/a		Unit Sec. Twp. Rge. sec 30,T-21N,R-35E			
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 2283'	Depth, H 2283'	Gg 1.5192	%CO2 100	%N2 0	%H2S 0	Prover ORIFICE	Meter Run 4 inch	Taps FLANGE	
FLOW DATA					TUBING DATA		CASING DATA		
NO.	Prover Size	Stat. Pres psig	Diff. Press. Hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI					283				
1.					256			24 hour	
2.					237			60 MIN	
3.					214			60 MIN	
4.					186			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.						987	2.9943		
2.						1475	3.1688		
3.						2148	3.3320		
4.						2742	3.4381		
5.						4708	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				
1.					N/A Mcf/bbl N/A Deg. N/A 1.5192 1072 P.S.I.A. 548 R				
2.									
3.									
4.									
5.									
Pc	295.2	Pc^	87,143						
NO.	P t^2	Pw	P w^2	Pc^2 - P w^2	Pc^2 - P w^2				
SI		295.2	87,143	0	Log(10)	(1) 4th test point Pc^2 - P w^2 1.821	(2) 4th test point Pc^2 - P w^2 1.717		
1.		268.2	71,931	15,212	4.1822				
2.		249.2	62,101	25,042	4.3987				
3.		226.2	51,166	35,977	4.5560				
4.		198.2	39,283	47,860	4.6800				
5.									
Absolute Open Flow 4,708 Mcfd @ 15.025					Angle of Slope 47.94	Slope, n = 0.902 (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