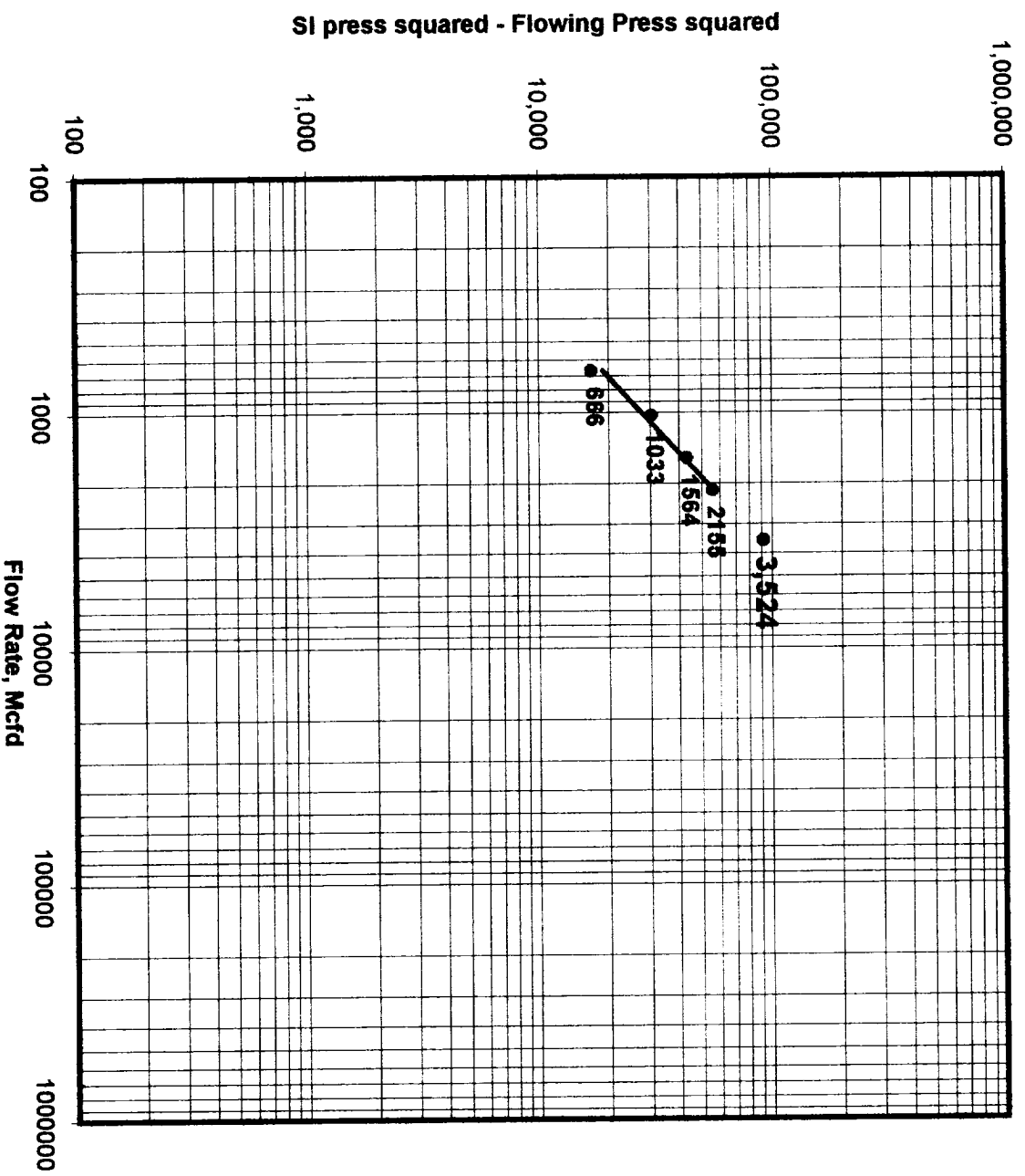


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL Revised 9-1-63

Form C-122

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 9/3/96		API Number 30-059-20355	
Company Amoco Corporation				Connection Bravo Dome CO2 Plant			RTU Number 5099	
Pool N/A				Formation Tubb			Unit BDCDGU	
Completion Date 7/27/96		Total Depth 2420'		Plug Back Depth 2409'		Elevation 4888.60'		Farm or Lease Name Bravo Dome
Csg. Size 5 1/2	Wt. 15.5#	Csg. Inside Dia 4.75	Set At 2420	Perforations From 2160' To 2354'		Well Number 2234-213d		
Tbg. Size X	Wt. X	Tbg. Inside Dia X	Set At. X	Perforations From n/a To n/a		Unit Sec. Twp. Rge. sec 21,T-22,R-34		
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 2409'	Depth, H 2409'	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 X	Stat. Pres psig	Diff. Press. Hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F
SI					290			Duration of Flow 24 hour
1.					261			60 MIN
2.					235			60 MIN
3.					208			60 MIN
4.					178			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		
						Values	Log(10)	
SI						666	2.8235	
1.						1033	3.0141	
2.						1564	3.1942	
3.						2155	3.3334	
4.						3524	AOF	
5.								
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	1.656	P c^2 ^n	1.635
SI		302.2	91,325	0	P c^2 - P w^2			
1.		273.2	74,638	16,687	4.2224			
2.		247.2	61,108	30,217	4.4803			
3.		220.2	48,488	42,837	4.6318			
4.		190.2	36,176	55,149	4.7415			
5.								
Absolute Open Flow 3,524 Mcfd @ 15.025					Angle of Slope 45.73	Slope, n = 0.975 (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