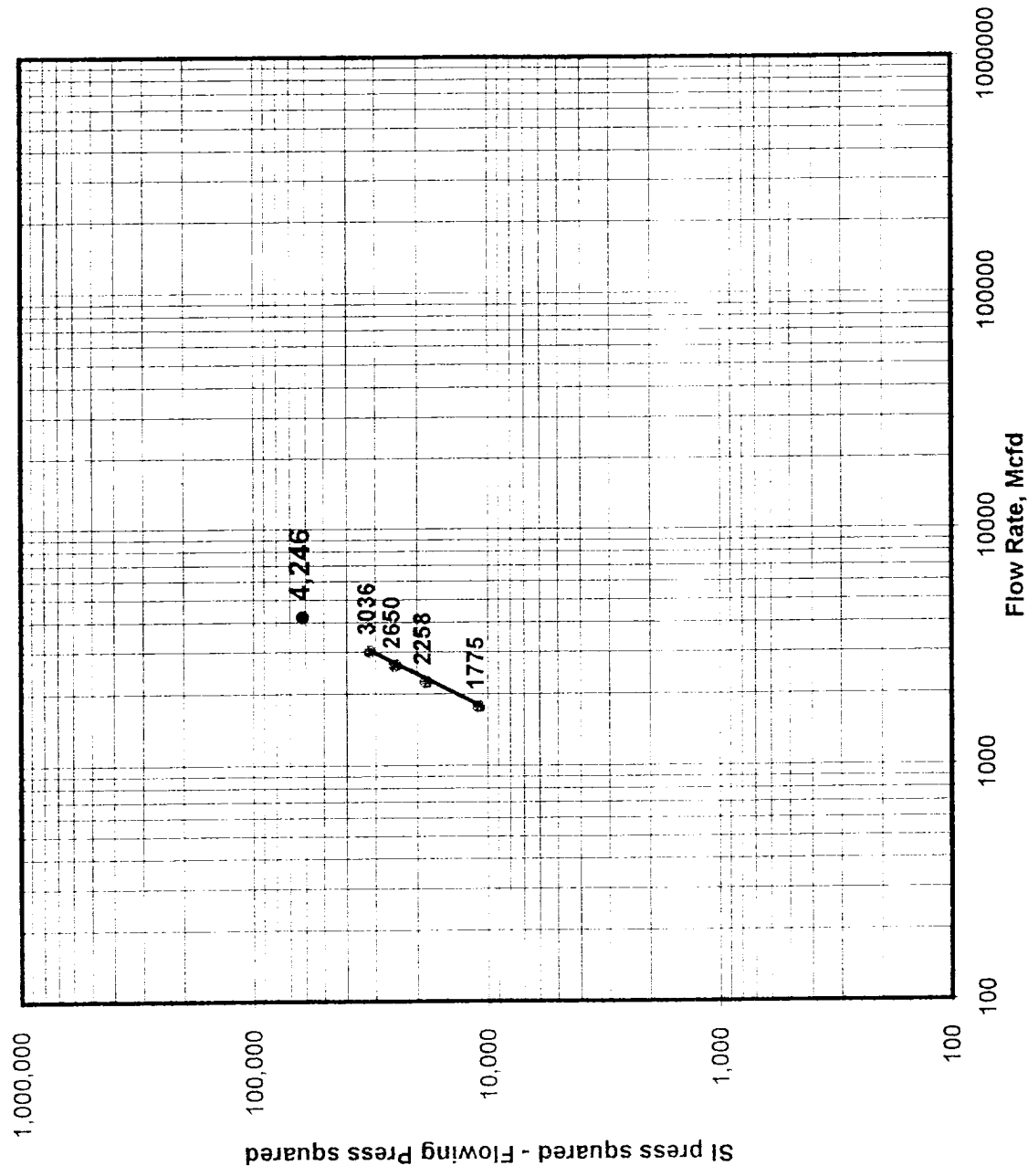


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL Revised 9-1-63

Form C-122

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 6/26/96		API Number 30-059-20099	
Company Amoco Corporation				Connection Bravo Dome CO2 Plant			RTU Number 5071	
Pool N/A				Formation Tubb			Unit BDCDGU	
Completion Date 6/25/95		Total Depth 2730		Plug Back Depth 2523		Elevation 4670		Farm or Lease Name Bravo Dome
Csg. Size 5.5	Wt. 14	Csg. Inside Dia 5.012	Set At 2730	Perforations From 2035 To 2174		Well Number 2134-021f		
Tbg. Size 3.5	Wt. fg	Tbg. Inside Dia 2.992	Set At 2035	Perforations From 2035 To 2174		Unit Sec. Twp. Rge. sec 02,T-21,R-34		
Type well -Single-Bradenhead-G.G. or G.O. Multiple Single					Packer Set At 2012		County Union	
Producing Through tbg		Reservoir Temp. F 95		Mean Annual Temp. F 60		Baro. Press. - PSIA 12.2		State New Mexico
Flow Channel, L 2523	Depth, H 2523	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.
SI						236		
1.						213		
2.						196		
3.						180		
4.						161		
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	
		/ hw * Pm					Values	Log(10)
SI							0	
1.							1775	3.2492
2.							2258	3.3537
3.							2650	3.4232
4.							3036	3.4823
5.							4246	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	248.2	Pc^	61,603					
NO.	P t^2	Pw	P w^2	Pc^2 - P w^	Pc^2 - P w^2			
SI		248.2	61,603	0	Log(10)			
1.		225.2	50,715	10,888	4.0370			
2.		208.2	43,347	18,256	4.2614			
3.		192.2	36,941	24,662	4.3920			
4.		173.2	29,998	31,605	4.4998			
5.								
						(1) 4th test point	(2) 4th test point	
						Pc^2	1.949	Pc^2 ^n
						P c^2 - P w^2		Pc^2-Pw^2
						4th test point		
						Q P^2 ^n	4,246	= AOF
						Pc^2-Pw^2		
Absolute Open Flow 4,246				Mcf/d @ 15.025		Angle of Slope 63.32		Slope, n = 0.502 (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