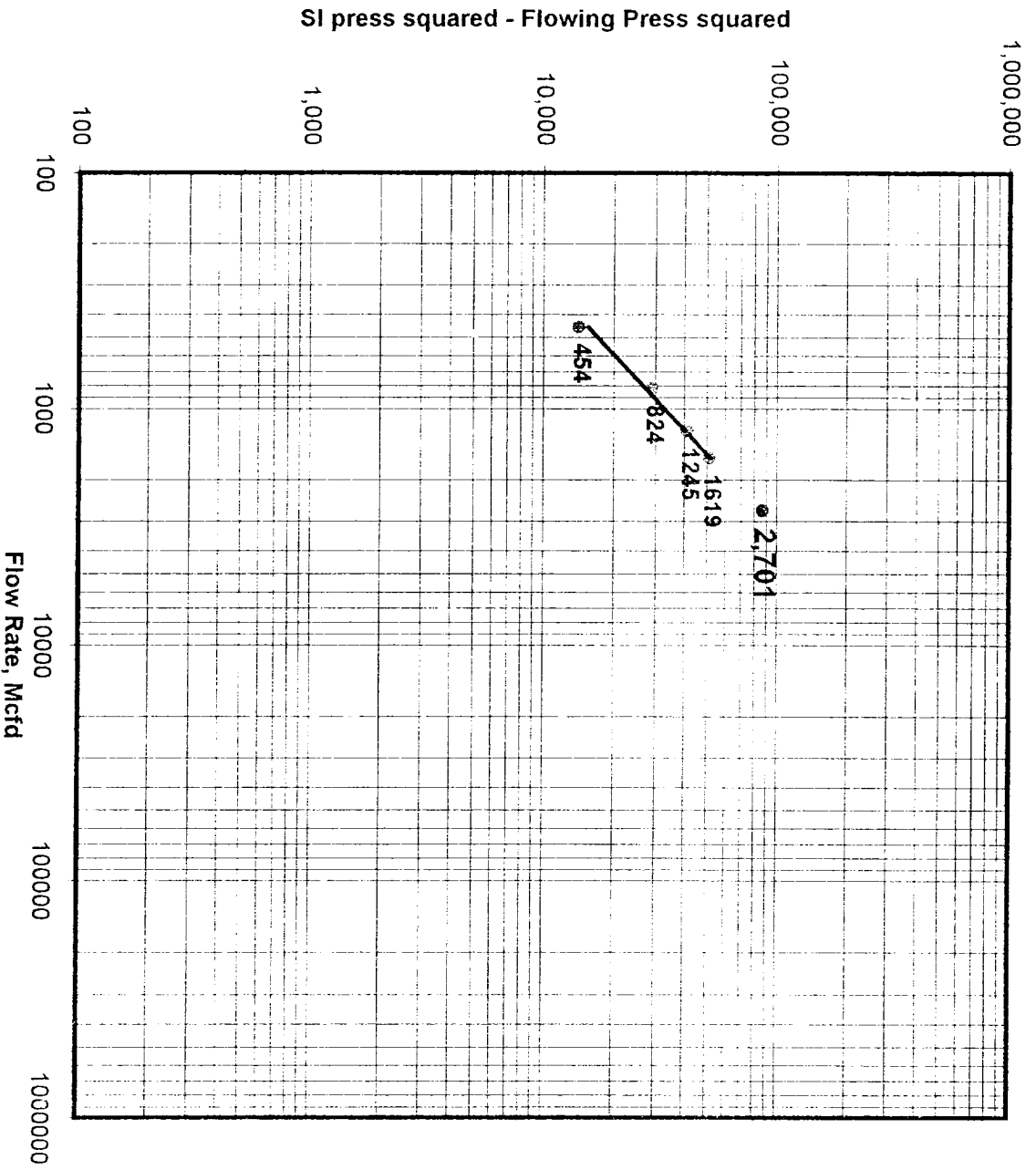


NEW MEXICO OIL CONSERVATION COMMISSION Form C-122
 MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL Revised 9-1-63

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special				Test Date 9/4/96		API Number 30-059-20362		
Company Amoco Corporation			Connection Bravo Dome CO2 Plant			RTU Number 5112		
Pool N/A			Formation Tubb			Unit BDCDGU		
Completion Date 8/23/96		Total Depth 2270'		Plug Back Depth 2260'		Elevation 4709.10'	Farm or Lease Name Bravo Dome	
Csg. Size 5 1/2	Wt. 15.5#	Csg. Inside Dia 4.75	Set At 2270'	Perforations From 2192' To 2259'		Well Number 2135-202M		
Tbg. Size X	Wt. X	Tbg. Inside Dia X	Set At X	Perforations From n/a To n/a		Unit Sec. Twp. Rge. sec 20,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 2260'	Depth, H 2260'	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.	
SI					281			
1.					256			24 hour
2.					227			60 MIN
3.					200			60 MIN
4.					175			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		
		/ hw * Pm				Values	Log(10)	
SI						0		
1.						454	2.6571	
2.						824	2.9159	
3.						1245	3.0952	
4.						1619	3.2092	
5.						2701	AOF	
NO.	Pr	Temp. °R	Tr	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	293.2	Pc^	85,966		(1) 4th test point	1.688	(2) 4th test point	1.669
NO.	Pr^2	Pw	Pw^2	Pc^2 - Pw^	Pc^2 - Pw^2	Pc^2	Pc^2 - Pw^2	Pc^2 - Pw^2
SI		293.2	85,966	0	Log(10)			
1.		268.2	71,931	14,035	4.1472			
2.		239.2	57,217	28,750	4.4586			
3.		212.2	45,029	40,937	4.6121	4th test point	Q P^2 ^n	2,701 = AOF
4.		187.2	35,044	50,922	4.7069	Pc^2-Pw^2		
5.								
Absolute Open Flow		2,701		Mcf/d @ 15.025		Angle of Slope		45.65
						Slope, n =		0.978 (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

