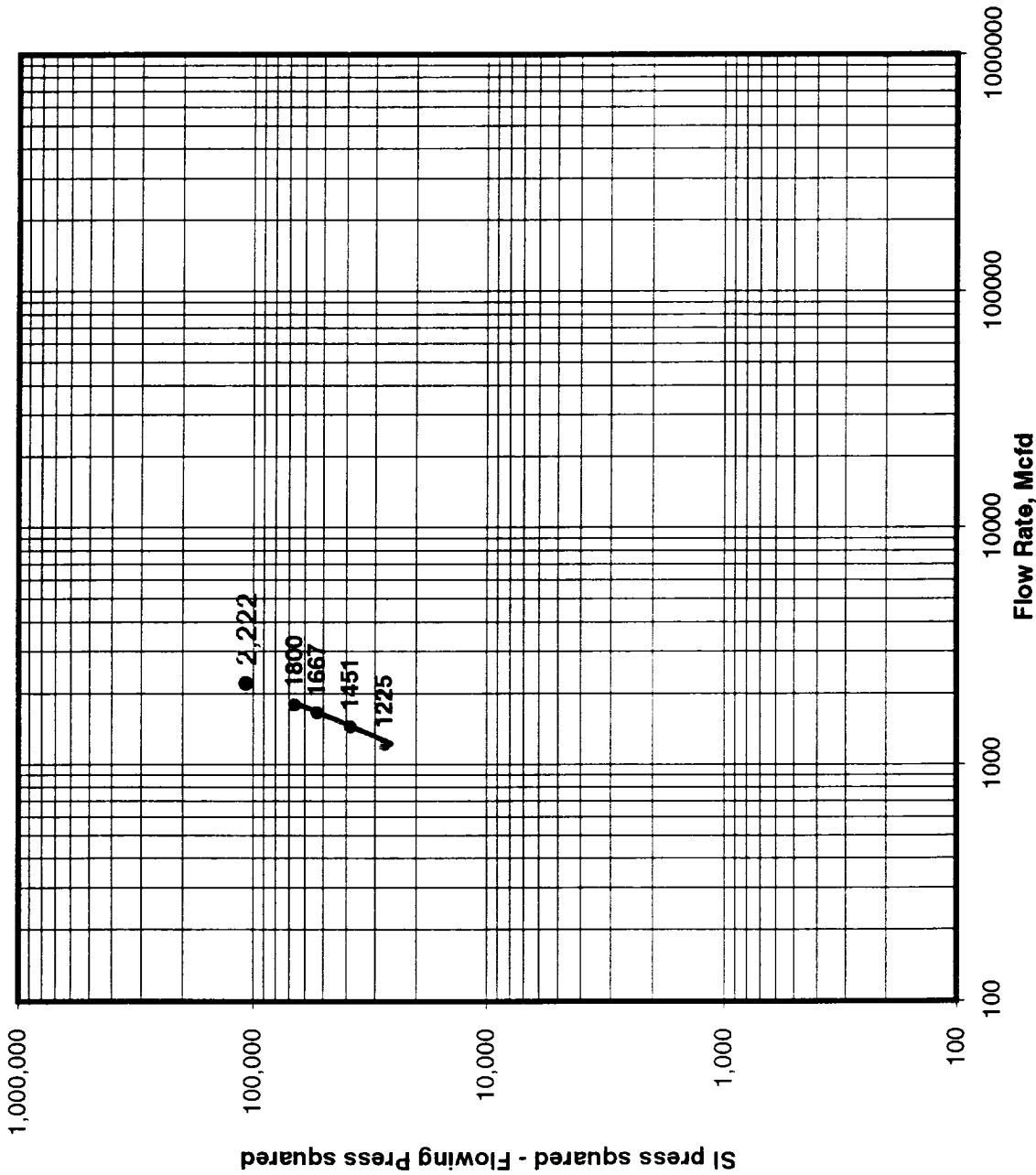


NEW MEXICO OIL CONSERVATION COMMISSION Form C-122
 MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL Revised 9-1-63

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special				Test Date 8/18/95		API Number 30-059-20018				
Company Amoco Corporation			Connection Bravo Dome CO2 Plant			RTU Number 5073				
Pool N/A			Formation Tubb			Unit BDCDGU				
Completion Date 6/28/74		Total Depth 2668		Plug Back Depth 2182		Elevation 4646 RDB				
Csg. Size 4.5	Wt. 10.5	Csg. Inside Dia 4.052	Set At 2656	Perforations From 2052 To 2596		Well Number 2234-361-P				
Tbg. Size 2 3/8	Wt. 4.7	Tbg. Inside Dia 1.995	Set At 2021	Perforations From n/a To n/a		Unit Sec. Twp. Rge. sec 36,T-22,R-34				
Type well -Single-Bradenhead-G.G. or G.O. Multiple Single				Packer Set At 2021		County Union				
Producing Through Tubing		Reservoir Temp. F 95		Mean Annual Temp. F 60		Baro. Press. - PSIA 12.2				
Flow Channel. L 2182	Depth, H 2182	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. Press psig	Diff. Press. Hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow
SI						315				24 hour
1.						270				60 MIN
2.						250				60 MIN
3.						220				60 MIN
4.						190				60 MIN
5.						0				
RATE OF FLOW CALCULATIONS										
NO.	Coefficient (24 Hours)	hw * Pm	Pressure Pm	Flow Temp. Factor, Ft	Gravity Factor, Fg	Super Compressibility Factor, Fpv	Rate of Flow Q, Mcfd			
SI							Values	Log(10)		
1.							1225	3.0881		
2.							1451	3.1617		
3.							1667	3.2219		
4.							1800	3.2553		
5.							2222	AOF		
NO.	Pr	Temp. °R	Tr	Z	Gas Liquid Hydrocarbon Ratio A. P. I. Gravity of Liquid Hydrocarbon Specific Gravity Separator Gas Specific Gravity Flowing Fluid Critical Pressure Critical Temperature		N/A Mcf/bbl N/A Deg. N/A 1.5192 1072 P.S.I.A. 548 R			
1.										
2.										
3.										
4.										
5.										
Pc = 327.2		Pc^2 107,060				(1) 4th test point	(2) 4th test point			
NO.	Pt^2	Pw	Pw^2	Pc^2 - Pw^2	Pc^2 - Pw^2	Pc^2	1.618	Pc^2 ^n	1.235	
SI		327.2	107,060	0	Log(10)	Pc^2 - Pw^2		Pc^2 - Pw^2		
1.		282.2	79,637	27,423	4.4381					
2.		262.2	68,749	38,311	4.5833					
3.		232.2	53,917	53,143	4.7254	4th test point		2,222 = AOF		
4.		202.2	40,885	66,175	4.8207	Q P^2 ^n		Pc^2 - Pw^2		
5.										
Absolute Open Flow 2,222		Mcf @ 15.025		Angle of Slope 66.34		Slope, n = 0.438 (Cotangent)				
Remarks:										
Approved By Commission:			Conducted By: Bill Prichard			Calculated By: Automation Software			Checked By: Garv Ford, Bill Prichard	

Handwritten signature

GAS WELL BACK PRESSURE TEST - ABSOLUTE OPEN FLOW



GAS WELL BACK PRESSURE TEST INFLOW PERFORMANCE

