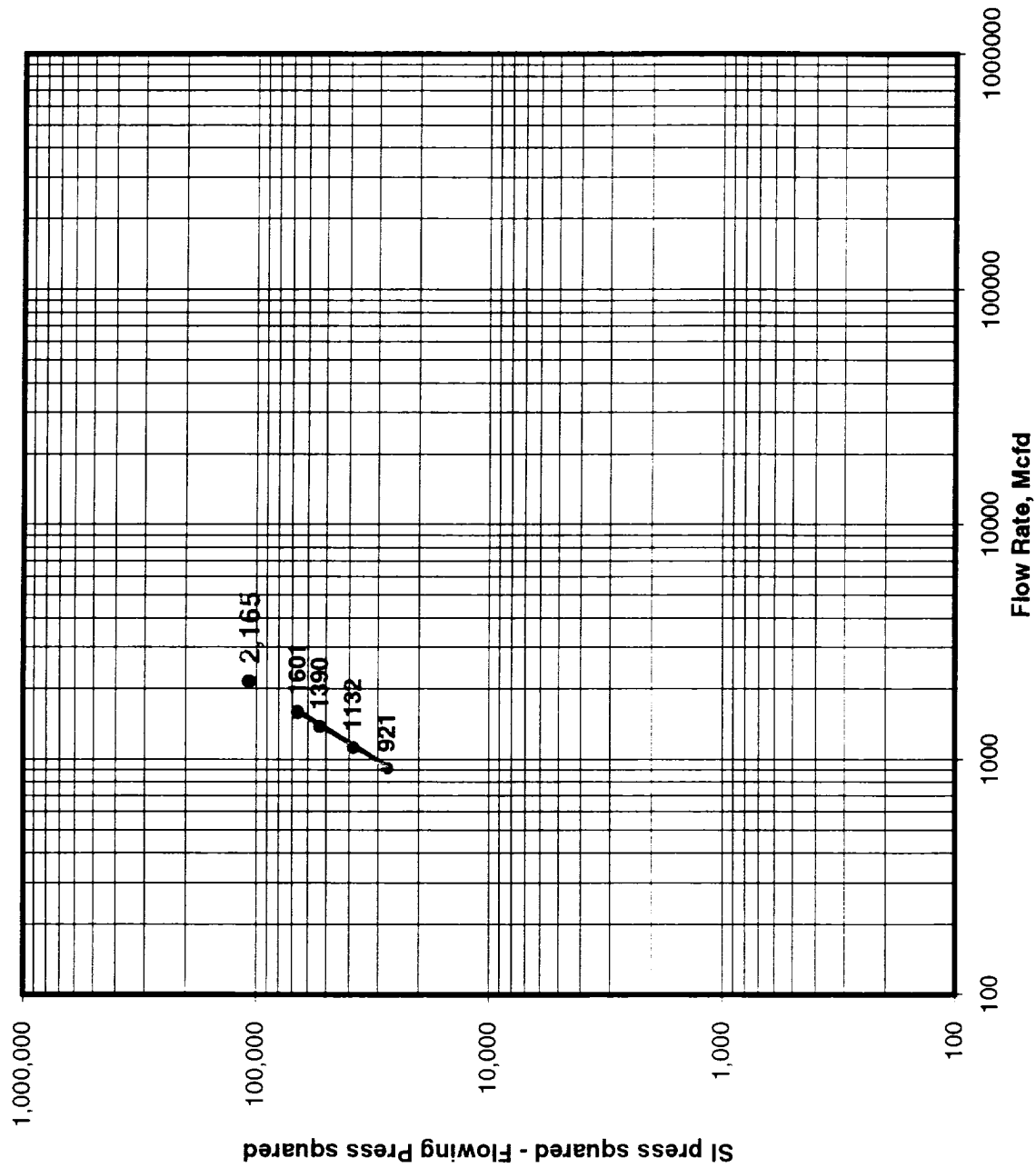


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL Revised 9-1-63

Form C-122

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 7/28/95		API Number 30-059-201129		
Company Amoco Corporation				Connection Bravo Dome CO2 Plant				RTU Number 5072		
Pool N/A				Formation Tubb				Unit BDCDGU		
Completion Date 4/5/81		Total Depth 2675		Plug Back Depth 2585		Elevation 4600 GL		Farm or Lease Name Bravo Dome		
Csg. Size 5.5	Wt. 14	Csg. Inside Dia 5.012	Set At 2666	Perforations From 1992 To 2136		Well Number 2134-011-K				
Tbg. Size 3.5	Wt. FG	Tbg. Inside Dia 2.95	Set At 1948	Perforations From n/a To n/a		Unit Sec. Twp. Rge. sec 01, T-21, R-34				
Type well -Single-Bradenhead-G.G. or G.O. Multiple Single						Packer Set At 1959		County Union		
Producing Through Tubing		Reservoir Temp. F 95		Mean Annual Temp. F 60		Baro. Press. - PSIA 12.2		State New Mexico		
Flow Channel L 2585	Depth. H 2585	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	X	Stat. Press psig	Diff. Press. Hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
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.							921	2.9643		
2.							1132	3.0538		
3.							1390	3.1430		
4.							1601	3.2044		
5.							2165	AOF		
NO.	Pr	Temp. °R	Tr	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 = 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	1.352	
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	4th test point $Q \propto \frac{P_c^2 - P_w^2}{P_c^2 - P_w^2} = \text{AOF}$ 2.165 = AOF				
2.		262.2	68.749	38.311	4.5833					
3.		232.2	53.917	53.143	4.7254					
4.		202.2	40.885	66.175	4.8207					
5.										
Absolute Open Flow 2,165 Mcfd @ 15.025				Angle of Slope 57.91		Slope. n = 0.627 (Cotangent)				
Remarks:										
Approved By Commission:		Conducted By: Bill Prichard			Calculated By: Automation Software		Checked By: Garv Ford, Bill Prichard			

GAS WELL BACK PRESSURE TEST - ABSOLUTE OPEN FLOW



GAS WELL BACK PRESSURE TEST INFLOW PERFORMANCE

