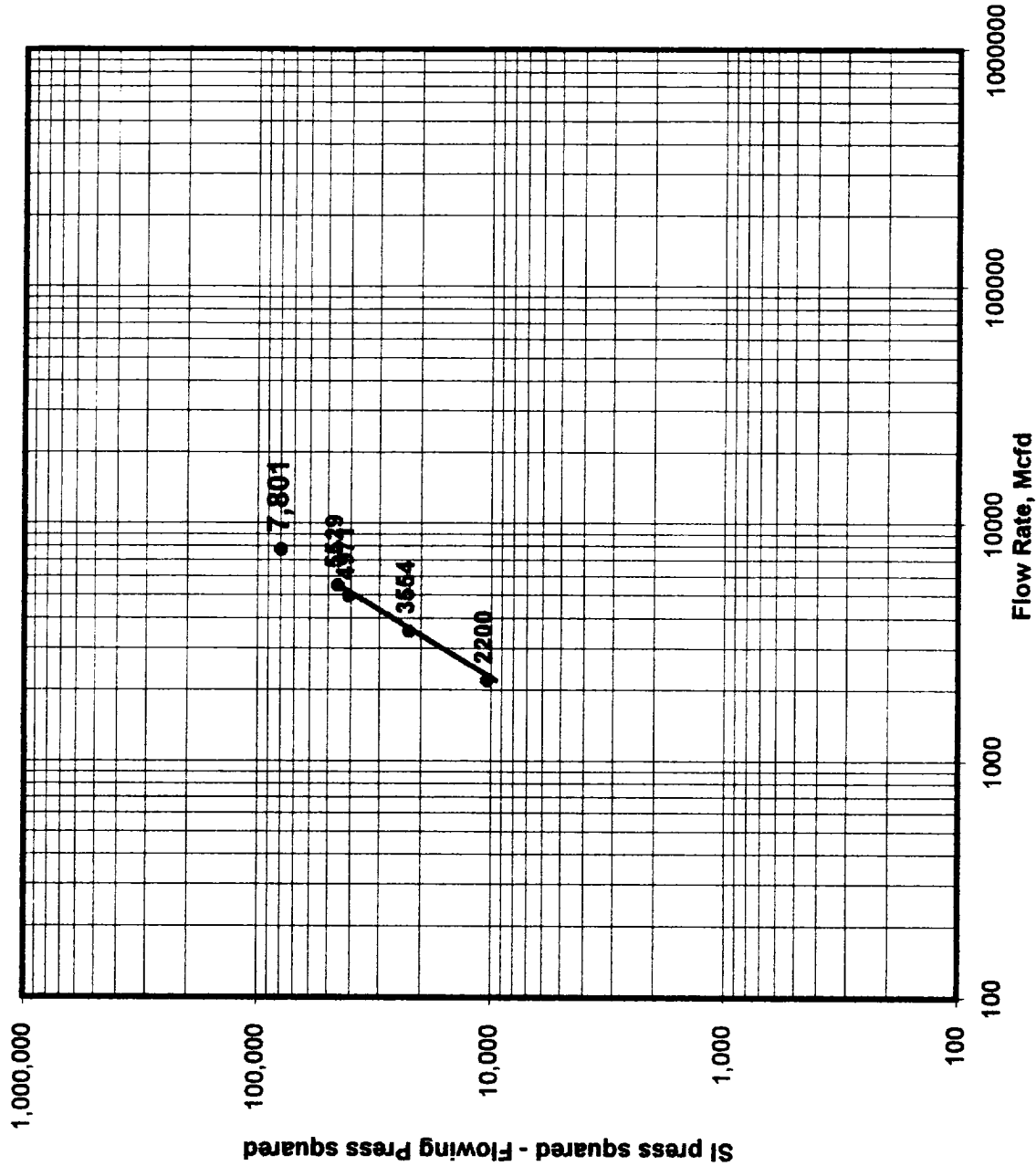


NEW MEXICO OIL CONSERVATION COMMISSION Form C-122
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL Revised 9-1-63

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 8/23/96		API Number 30-059-20356		
Company Amoco Corporation				Connection Bravo Dome CO2 Plant			RTU Number 5101		
Pool N/A				Formation Tubb			Unit BDCDGU		
Completion Date 8/9/96		Total Depth 2388'		Plug Back Depth 2378'		Elevation 4856.60'		Farm or Lease Name Bravo Dome	
Ceg. Size 5 1/2	Wt. 15.5#	Ceg. Inside Dia 4.75	Set At 2388'	Perforations From 2182' To 2349'		Well Number 2234-222d			
Tbg. Size X	Wt. X	Tbg. Inside Dia X	Set At X	Perforations From n/a To n/a		Unit Sec. Twp. Rge. sec 22,T-22N,R-34E			
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 2378'	Depth, H 2378'	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					270			24 hour	
1.					251			60 MIN	
2.					227			60 MIN	
3.					185			60 MIN	
4.					173			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			
SI						Values	Log(10)		
1.						2200	3.3424		
2.						3554	3.5507		
3.						4971	3.6964		
4.						5529	3.7426		
5.						7801	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 282.2		Pc^ 79,637		(1) 4th test point		(2) 4th test point			
NO.	P t^2	Pw	P w^2	Pc^2 - P w^2	Pc^2	Pc^2 - Pw^2		^n	
SI		282.2	79,637	0	1.757			1.411	
1.		263.2	69,274	10,363					
2.		239.2	57,217	22,420					
3.		197.2	38,888	40,749					
4.		185.2	34,299	45,338					
5.									
Absolute Open Flow 7,801 Mcfd @ 15.025					Angle of Slope 58.57		Slope, n = 0.611 (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

