

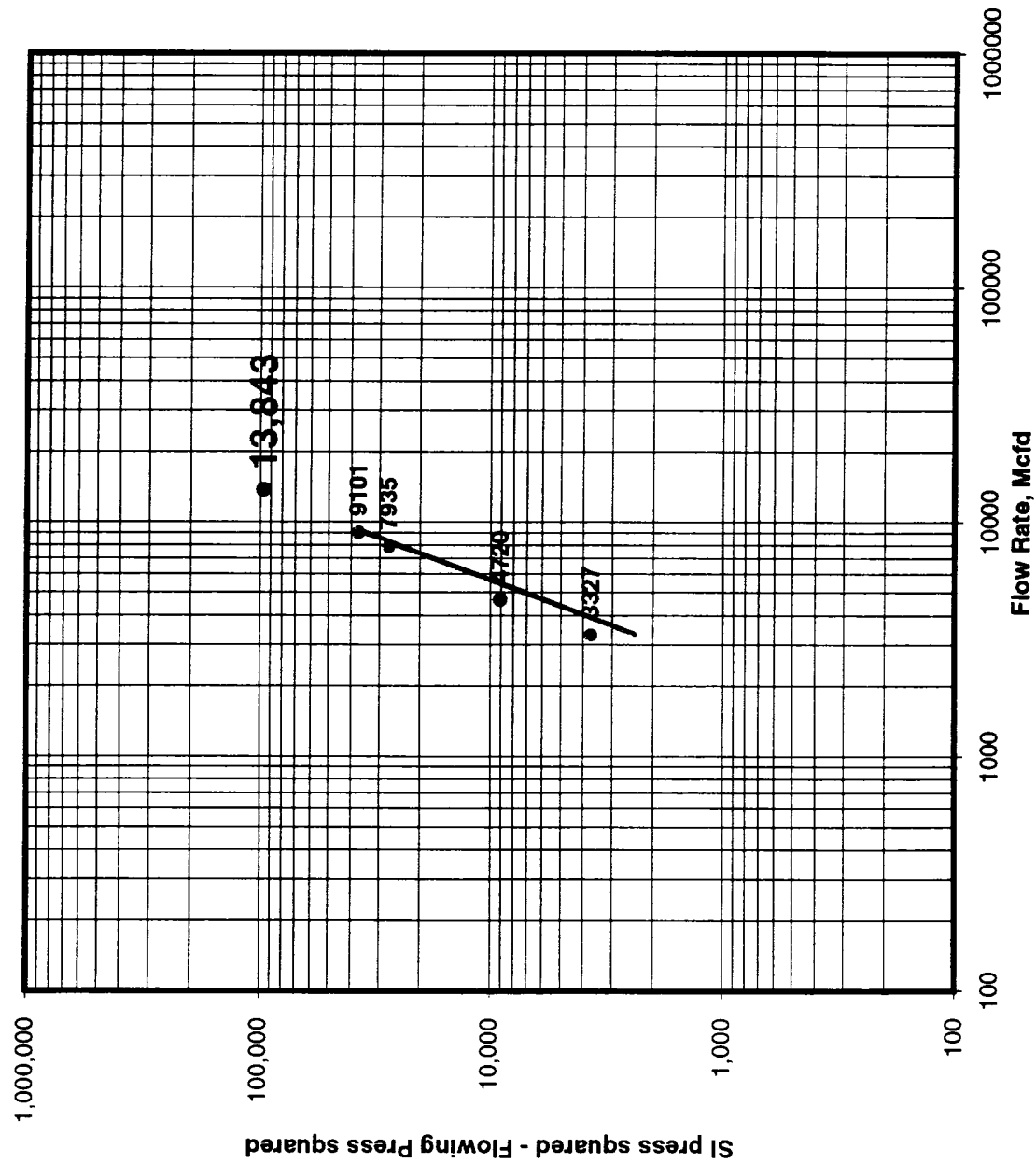
NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL Revised 9-1-63

Form C-122

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 11/4/95		API Number 30-059-20326	
Company Amoco Corporation				Connection Bravo Dome CO2 Plant		RTU Number 5087	
Pool N/A				Formation Tubb		Unit BDCDGU	
Completion Date 10/4/95		Total Depth 2413		Plug Back Depth 2402		Elevation 4852 GR	
Csg. Size 5.5		Wt. 15.5.5.9		Csg. Inside Dia Set At 4.75 FG 2413		Perforations From 2145 To 2375	
Tbg. Size n/a		Wt. n/a		Tbg. Inside Dia Set At n/a		Perforations From n/a To n/a	
Type well -Single-Bradenhead-G.G. or G.O. Multiple Single				Packer Set At n/a		Farm or Lease Name Bravo Dome	
Producing Through Casing		Reservoir Temp. F 95		Mean Annual Temp. F 60		Baro. Press. - PSIA 12.2	
Flow Channel, L 2402		Depth, H 2402		Gg 1.5192		%CO2 100	
				%N2 0		%H2S 0	
						Prover ORIFICE	
						Meter Run 4 inch	
						Taps FLANGE	
FLOW DATA							
NO.	Prover Size	X	Start. Press psig	Diff. Press. Hw	Temp. °F	Press. p.s.i.g.	Temp. °F
SI						298	
1.						292	
2.						283	
3.						250	
4.						231	
5.						0	
TUBING DATA							
Casing DATA							
Duration of Flow							
24 hour							
60 MIN							
60 MIN							
60 MIN							
60 MIN							
60 MIN							
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							U
1.							3327
2.							4720
3.							7935
4.							9101
5.							13843
							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		
1.					N/A Mcf/bbl N/A Deg. N/A 1.5192 1072 P.S.I.A. 548 R		
2.							
3.							
4.							
5.							
Pc = 310.2		Pc^2 = 96,224					
NO.	Pt^2	Pw	Pw^2	Pc^2 - Pw^2	Pc^2 - Pw^2		
SI		310.2	96,224	0	Log(10)		
1.		304.2	92,538	3,686	3.5666		
2.		295.2	87,143	9,081	3.9581		
3.		262.2	68,749	27,475	4.4389		
4.		243.2	59,146	37,078	4.5691		
5.							
(1) 4th test point		Pc^2		2.595		(2) 4th test point	
		Pc^2 - Pw^2		Pc^2 - Pw^2		Pc^2 - Pw^2	
						1.521	
4th test point		Pc^2		Pc^2 - Pw^2		13,843 = AOF	
Absolute Open Flow		13,843		Mcf/d @ 15.025		Angle of Slope 66.26	
						Slope, n = 0.440 (Cotangent)	
Remarks: Fiberglass casing to top of Tubb. Steel casing set through Tubb as per reqd.							
Approved By Commission:		Conducted By: Bill Prichard		Calculated By: Automation Software		Checked By: Gary Ford, Bill Prichard	

G.T. Ford-Amoco 2234161K.XLS

GAS WELL BACK PRESSURE TEST - ABSOLUTE OPEN FLOW



GAS WELL BACK PRESSURE TEST INFLOW PERFORMANCE

