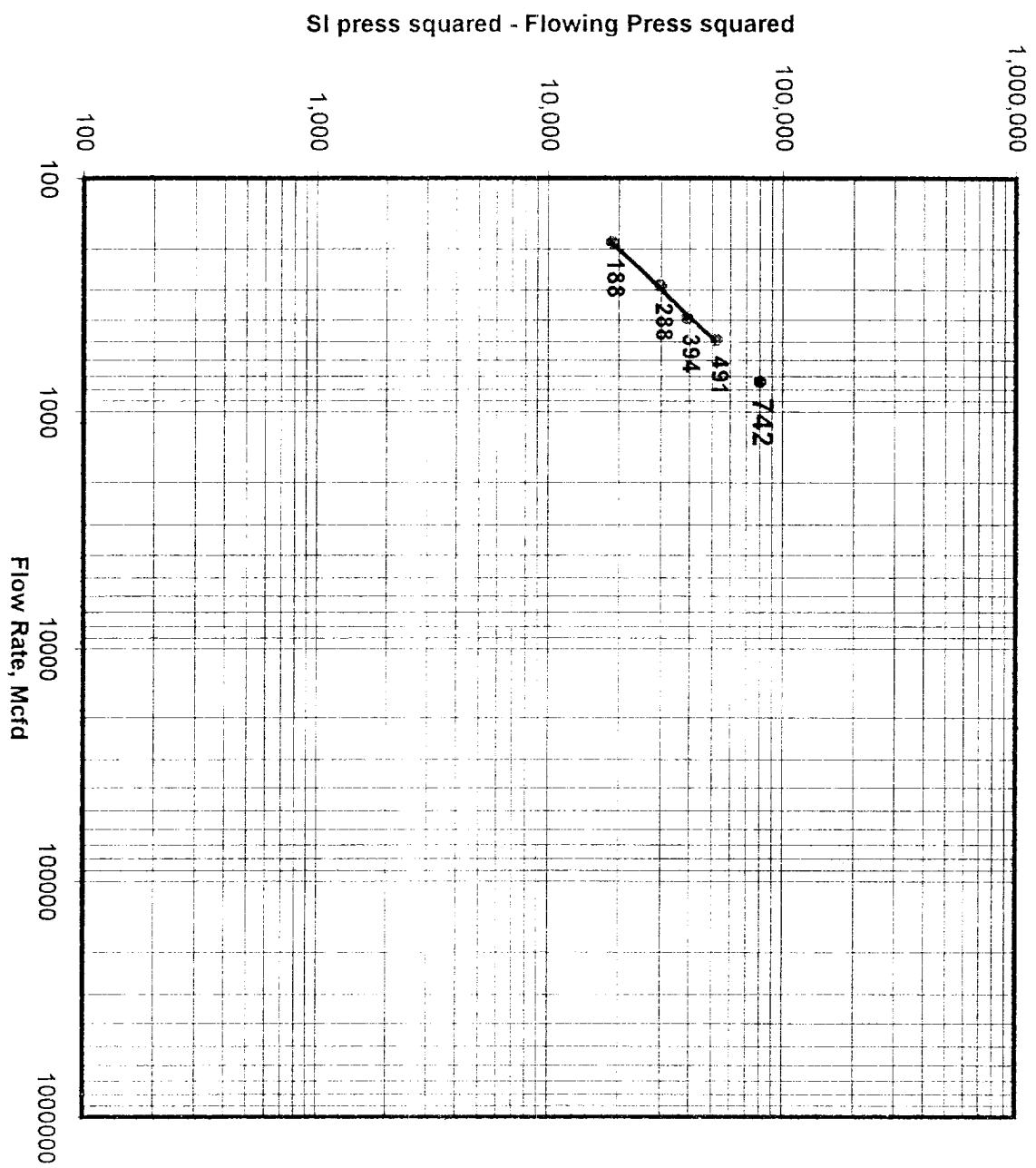


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL Revised 9-1-63

Form C-122

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 9/9/96		API Number 30-059-20348		
Company Amoco Corporation				Connection Bravo Dome CO2 Plant			RTU Number 4110		
Pool N/A				Formation Tubb			Unit BDCDGU		
Completion Date 8/27/96		Total Depth 2480'		Plug Back Depth 2470'		Elevation 4624.60'		Farm or Lease Name Bravo Dome	
Csg. Size 5 1/2	Wt. 15.5#	Csg. Inside Dia 4.75	Set At 2480'	Perforations From 2372' To 2468'			Well Number 1835-163C		
Tbg. Size X	Wt. X	Tbg. Inside Dia X	Set At X	Perforations From n/a To n/a			Unit Sec. Twp. Rge. sec 16,T-18N,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 2470'	Depth, H 2470'	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.					235			60 MIN	
2.					211			60 MIN	
3.					190			60 MIN	
4.					155			60 MIN	
5.					0				
RATE OF FLOW CALCULATIONS									
NO.	Coefficient (24 Hours)	$\frac{1}{hw^2} P_m$	Pressure Pm	Flow Temp. Factor, Ft	Gravity Factor, Fg	Super Compressibility Factor, Fpv	Rate of Flow Q, Mcfd Values Log(10)		
SI							0		
1.							188	2.2742	
2.							288	2.4594	
3.							394	2.5955	
4.							491	2.6911	
5.							742	AOF	
NO.	P r	Temp, °R	T r	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	282.2	Pc^	79,637						
NO.	P t^2	Pw	P w^2	Pc^2 - P w^	Pc^2 - P w^2				
SI		282.2	79,637	0	Log(10)				
1.		247.2	61,108	18,529	4.2679				
2.		223.2	49,818	29,819	4.4745				
3.		202.2	40,885	38,752	4.5883				
4.		167.2	27,956	51,681	4.7133				
5.									
Absolute Open Flow 742 Mcfd @ 15.025					Angle of Slope 46.35	Slope, n = 0.954 (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

