

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 7/10/96		API Number 30-059-20344	
Company Amoco Corporation				Connection Bravo Dome CO2 Plant			
Pcol N/A				Formation Tubb		Unit BDCDGU	
Completion Date 9/1/95		Total Depth 2420'		Plug Back Depth 2409'		Elevation 4864'	
Csg. Size 9 5/8"	Wt. fg	Csg. Inside Dia 7.9	Set At 2420'	Perforations From 2200' To 2350'		Farm or Lease Name Bravo Dome	
Tbg. Size NA	Wt. X	Tbg. Inside Dia X	Set At X	Perforations From X To X		Well Number 1934-162j	
Type well -Single-Bradenhead-G.G. or G.O. Multiple Single				Packer Set At NA		Unit Sec. Twp. Rge. sec16,T-19,R-34	
Producing Through CSG		Reservoir Temp, F 95		Mean Annual Temp, F 60		Baro. Press. - PSIA 12.2	
Flow Channel, L 2420'		Depth, H 2420'	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	Stat. Pres psig	Diff. Press. Hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI					216				24 hour
1.					198				60 MIN
2.					180				60 MIN
3.					165				60 MIN
4.					126				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							0
1.							1846
2.							2580
3.							3008
4.							3825
5.							4826
							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	N/A Mcf/bbl N/A Deg. N/A 1.5192 1072 P.S.I.A. 548 R
1.						
2.						
3.						
4.						
5.						

Pc	228.2	Pc^	52,075
NO.	P t^2	Pw	Pw^2
SI		228.2	52,075
1.		210.2	44,184
2.		192.2	36,941
3.		177.2	31,400
4.		138.2	19,099
5.			

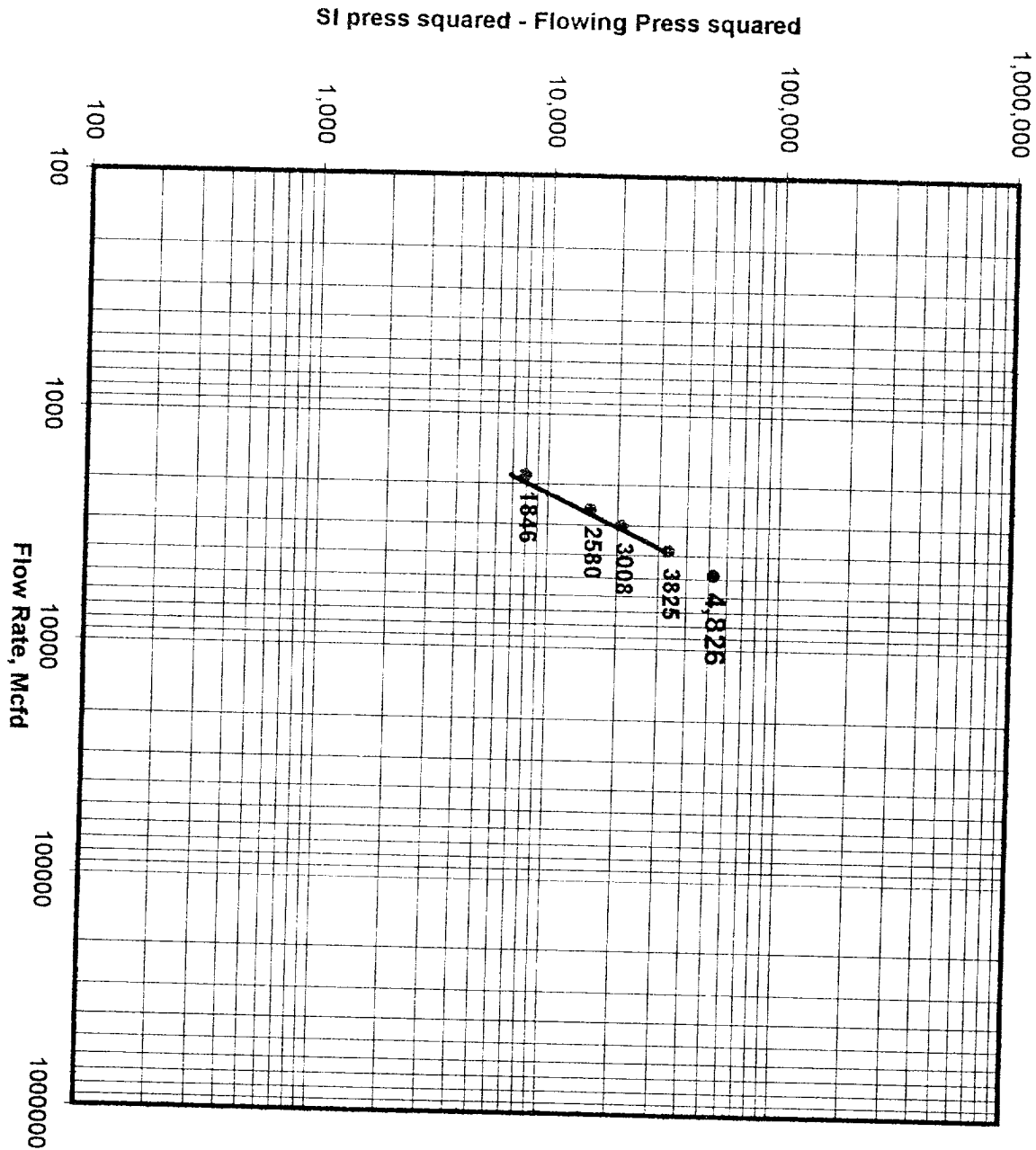
Pc^2 - Pw^2		Pc^2 - Pw^2		Pc^2 - Pw^2	
NO.	Pc^2	Pw^2	Pc^2 - Pw^2	NO.	Pc^2
SI			0	1.	1.579
1.			3.8971	2.	1.262
2.			4.1800		
3.			4.3155		
4.			4.5182		
5.					

4th test point		4th test point	
Q	4,826	Q	4,826
= AOF		= AOF	

Absolute Open Flow 4,826	Mcf/d @ 15.025	Angle of Slope 63.04	Slope, n = 0.509 (Cotangent)
Remarks:			

Approved By Commission:	Conducted By: Bill Prichard, Contract	Calculated By: Automation Software	Checked By: Gary Ford, Bill Prichard
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GAS WELL BACK PRESSURE TEST - ABSOLUTE OPEN FLOW



GAS WELL BACK PRESSURE TEST INFLOW PERFORMANCE

