

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

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 8/19/96		API Number 30-059-20353	
Company Amoco Corporation				Connection Bravo Dome CO2 Plant		RTU Number 5097	
Pool N/A				Formation Tubb		Unit BDCDGU	
Completion Date 8/6/96		Total Depth 2380'		Plug Back Depth 2370'		Elevation 4849.20'	
Ceg. Size 5 1/2		Wt. 15.5#		Ceg. Inside Dia 4.75		Set At 2380'	
Tbg. Size X		Wt. X		Tbg. Inside Dia X		Set At X	
Perforations From 2117'		To 2351'		Well Number 2234-172a		Unit Sec. Twp. Rge. sec 17, 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	
Flow Channel, L 2370'		Depth, H 2370'		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					273				24 HOUR
1.					244				60 MIN
2.					217				60 MIN
3.					191				60 MIN
4.					173				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	
							Values	Log(10)
SI							0	
1.							2987	3.4752
2.							3907	3.5918
3.							4701	3.6722
4.							5223	3.7179
5.							6880	AOF

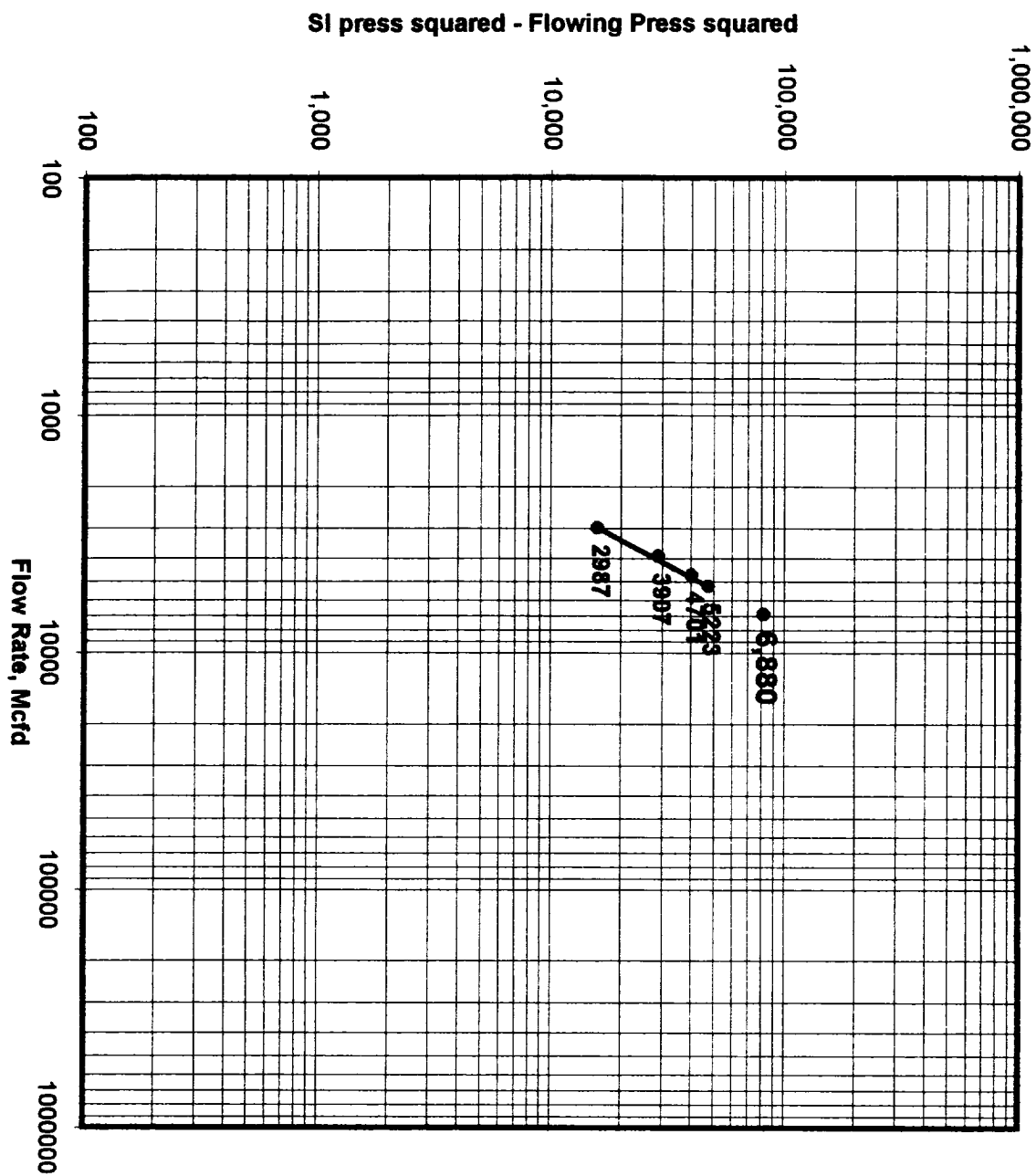
NO.	P r	Temp. °R	T r	Z	Gas Liquid Hydrocarbon Ratio	N/A Mcf/bbl
1.					A. P. I. Gravity of Liquid Hydrocarbon	N/A Deg.
2.					Specific Gravity Separator Gas	N/A
3.					Specific Gravity Flowing Fluid	1.5192
4.					Critical Pressure	1072 P.S.I.A.
5.					Critical Temperature	548 R

Pc	285.2	Pc^	81,339		(1) 4th test point	(2) 4th test point
NO.	P t^2	Pw	P w^2	Pc^2 - P w^2	Pc^2	P c^2 - P w^2
SI		285.2	81,339	0	1.729	1.317
1.		256.2	65,638	15,701		
2.		229.2	52,533	28,806		
3.		203.2	41,290	40,049		
4.		185.2	34,299	47,040		
5.						

Absolute Open Flow 6,880 Mcfd @ 15.025				Angle of Slope 63.29		Slope, n = 0.503 (Cotangent)	
Remarks:							

Approved By Commission:	Conducted By: Bill Prichard	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

