

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 7/3/96		API Number 30-059-20320		
Company Amoco Corporation				Connection Bravo Dome CO2 Plant			RTU Number 5063		
Pool N/A				Formation Tubb			Unit BDCDGU		
Completion Date 8/5/95		Total Depth 2294		Plug Back Depth 2285		Elevation 4693		Farm or Lease Name Bravo Dome	
Csg. Size 5.5	Wt. fg	Csg. Inside Dia 4.75	Set At 2294	Perforations From 2190 To 2282		Well Number 2135-201f			
Tbg. Size na	Wt. na	Tbg. Inside Dia na	Set At. na	Perforations From n/a To n/a		Unit Sec. Twp. Rge. sec 20,T-21,R-35			
Type well -Single-Bradenhead-G.G. or G.O. Multiple Single					Packer Set At na		County Union		
Producing Through csg		Reservoir Temp, F 95		Mean Annual Temp, F 60		Baro. Press. - PSIA 12.2		State New Mexico	
Flow Channel, L 2285	Depth, H 2285	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	X	Stat. Pres psig	Diff. Press. Hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
SI						198				24 hour
1.						188				60 MIN
2.						178				60 MIN
3.						166				60 MIN
4.						158				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.								1287	3.1096
2.								1745	3.2418
3.								1988	3.2984
4.								2188	3.3400
5.								3340	AOF

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

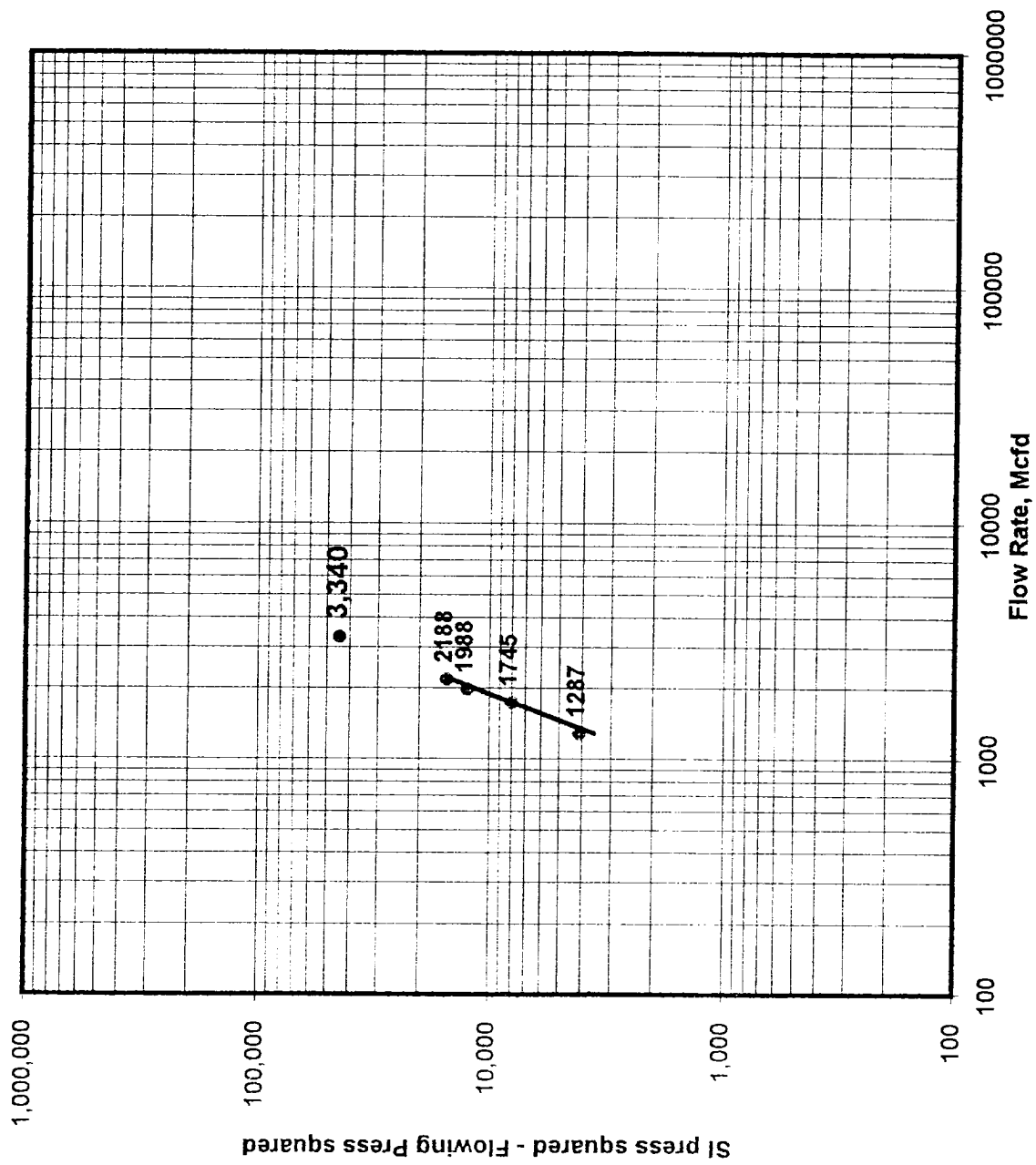
Pc	210.2	Pc^	44,184		(1) 4th test point	(2) 4th test point
NO.	P t^2	Pw	P w^2	Pc^2 - P w^2	Pc^2	P c^2 ^n
SI		210.2	44,184	0	2.904	1.527
1.		200.2	40,080	4,104		
2.		190.2	36,176	8,008		
3.		178.2	31,755	12,429		
4.		170.2	28,968	15,216		
5.						

Absolute Open Flow 3,340 Mcfd @ 15.025				Angle of Slope 68.35	Slope, n = 0.397 (Cotangent)
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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

