

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 7/24/95		API Number 30-059-20087	
Company Amoco Corporation				Connection Bravo Dome CO2 Plant		RTU Number 5060	
Pool N/A				Formation Tubb		Unit BDCDGU	
Completion Date 6/20/95		Total Depth 3010		Plug Back Depth 2484		Elevation 4750 RDB	
Farm or Lease Name Bravo Dome							
Csg. Size 3.5	Wt. 14	Csg. Inside Dia 5.012	Set At 2994	Perforations From 2131 To 2298		Well Number 2134-231-G	
fbg. Size 3.5	Wt. 2.62 FG	fbg. Inside Dia 2.95	Set At 2087	Perforations From n/a To n/a		Unit Sec. Twp. Rge. sec 23,T-21,R-34	
Type well -Single-Bradenhead-G.G. or G.O. Multiple Single				Packer Set At 2098		County Union	
Producing Through Tubing		Reservoir Temp. F 95		Mean Annual Temp. F 60		Baro. Press. - PSIA 12.2	
State New Mexico							
Flow Channel, L 2484	Depth, H 2484	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. Press psig	Diff. Press. Hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
SI						315				24 hour
1.						270				60 MIN
2.						250				60 MIN
3.						220				60 MIN
4.						190				60 MIN
5.						0				

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hours)	Pressure Pm	Flow Temp. Factor, Ft	Gravity Factor, Fg	Super Compressibility Factor, Fpv	Rate of Flow Q, Mcfd	
SI						Values	Log(10)
1.						1302	3.1146
2.						1515	3.1804
3.						1837	3.2641
4.						1987	3.2982
5.						2520	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	N/A Mcf/bbl N/A Deg. N/A 1.5192 1072 P.S.I.A. 548 R
1.						
2.						
3.						
4.						
5.						

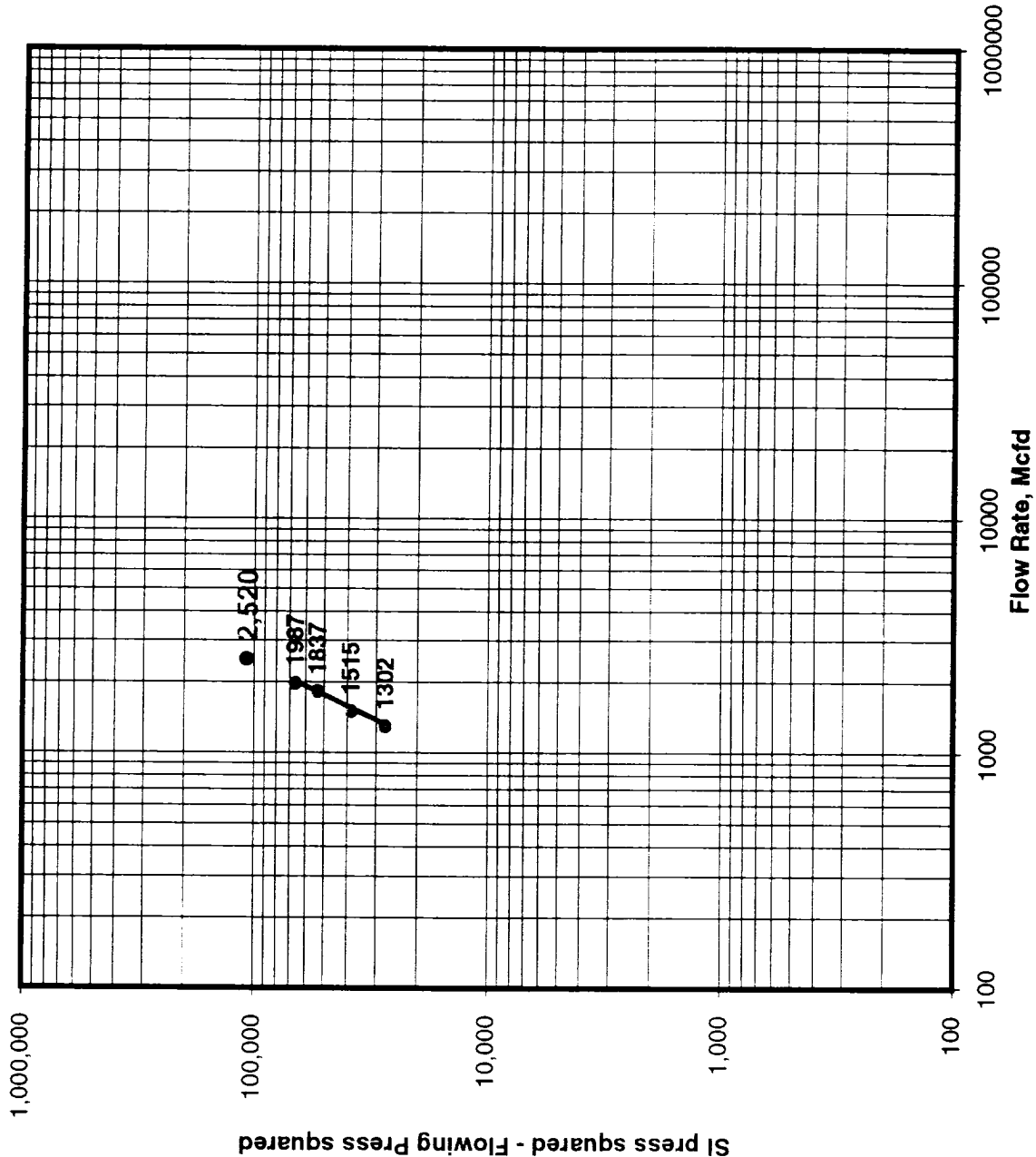
Pc = 327.2	Pc^2 = 107,060		
NO.	P t^2	Pw	Pw^2
SI		327.2	107,060
1.		282.2	79,637
2.		262.2	68,749
3.		232.2	53,917
4.		202.2	40,885
5.			

(1) 4th test point		(2) 4th test point	
Pc^2	1.618	Pc^2 - Pw^2	1.268
4th test point		Q P^2 ^n	
2.520		= AOF	

Absolute Open Flow 2,520	Mcf/d @ 15,025	Angle of Slope 63.70	Slope, n = 0.494 (Cotangent)
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Approved By Commission:	Conducted By: Bill Prichard	Calculated By: Automation Software	Checked By: Garv Ford, Bill Prichard
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GAS WELL BACK PRESSURE TEST - ABSOLUTE OPEN FLOW



GAS WELL BACK PRESSURE TEST INFLOW PERFORMANCE

