

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 7/4/96		API Number 30-059-20323	
Company Amoco Corporation				Connection Bravo Dome CO2 Plant			
Pool N/A				Formation Tubb		Unit BDCDGU	
Completion Date 10/4/95		Total Depth 2475		Plug Back Depth 2465		Elevation 4924	
Csg. Size 5 1/2	Wt. fg	Csg. Inside Dia 4.75	Set At 2475	Perforations From 2192 To 2423		Well Number 2234-081k	
Tbg. Size na	Wt. x	Tbg. Inside Dia x	Set At x	Perforations From x To x		Unit Sec. Twp. Rge. sec 08, T-22, R-34	
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 2475	Depth, H 2475	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					231				24 hour
1.					200				60 MIN
2.					185				60 MIN
3.					170				60 MIN
4.					160				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.						2688	3.4294		
2.						3290	3.5172		
3.						4075	3.6101		
4.						4490	3.6522		
5.						7319	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

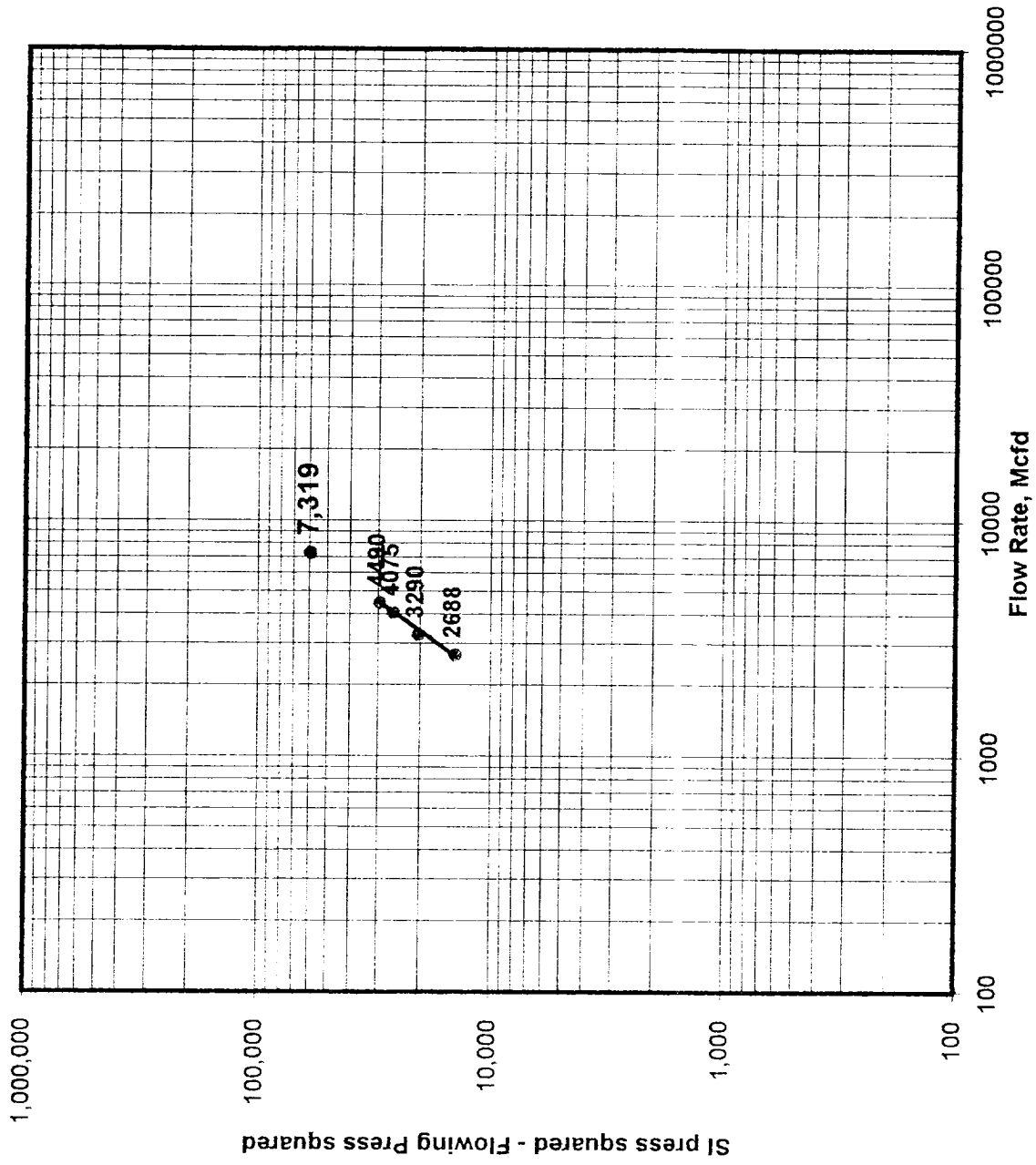
Pc	243.2	Pc^	59,146	
NO.	P t^2	Pw	P w^2	Pc^2 - P w^2
SI		243.2	59,146	0
1.		212.2	45,029	14,117
2.		197.2	38,888	20,258
3.		182.2	33,197	25,949
4.		172.2	29,653	29,493
5.				

(1) 4th test point		(2) 4th test point	
Pc^2	2.005	Pc^2 ^n	1.630
Pc^2 - P w^2		Pc^2 - P w^2	
4th test point			
Q	P^2 ^n	7,319	= AOF
Pc^2 - Pw^2			

Absolute Open Flow	7,319	Mcfd @ 15.025	Angle of Slope	54.93	Slope, n =	0.702 (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

