

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 6/26/96		API Number 30-059-20325	
Company Amoco Corporation				Connection Bravo Dome CO2 Plant		RTU Number 5088	
Pool N/A				Formation Tubb		Unit BDCDGU	
Completion Date 9/24/95		Total Depth 2354		Plug Back Depth 2343		Elevation 4793	
Csg. Size 5.5	Wt. fg	Csg. Inside Dia 4.75	Set At 2354	Perforations From 2228 To 2267		Well Number 2234-151f	
Tbg. Size na	Wt. x	Tbg. Inside Dia x	Set At. x	Perforations From n/a To n/a		Unit Sec. Twp. Rge. sec 15,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	
Flow Channel, L 2343		Depth, H 2343	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					232				24 hour
1.					213				60 MIN
2.					197				60 MIN
3.					176				60 MIN
4.					160				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.							2234	3.3491
2.							2983	3.4747
3.							4237	3.6271
4.							4620	3.6646
5.							7085	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	244.2	Pc^	59,634
NO.	P t^2	Pw	P w^2
SI		244.2	59,634
1.		225.2	50,715
2.		209.2	43,765
3.		188.2	35,419
4.		172.2	29,653
5.			

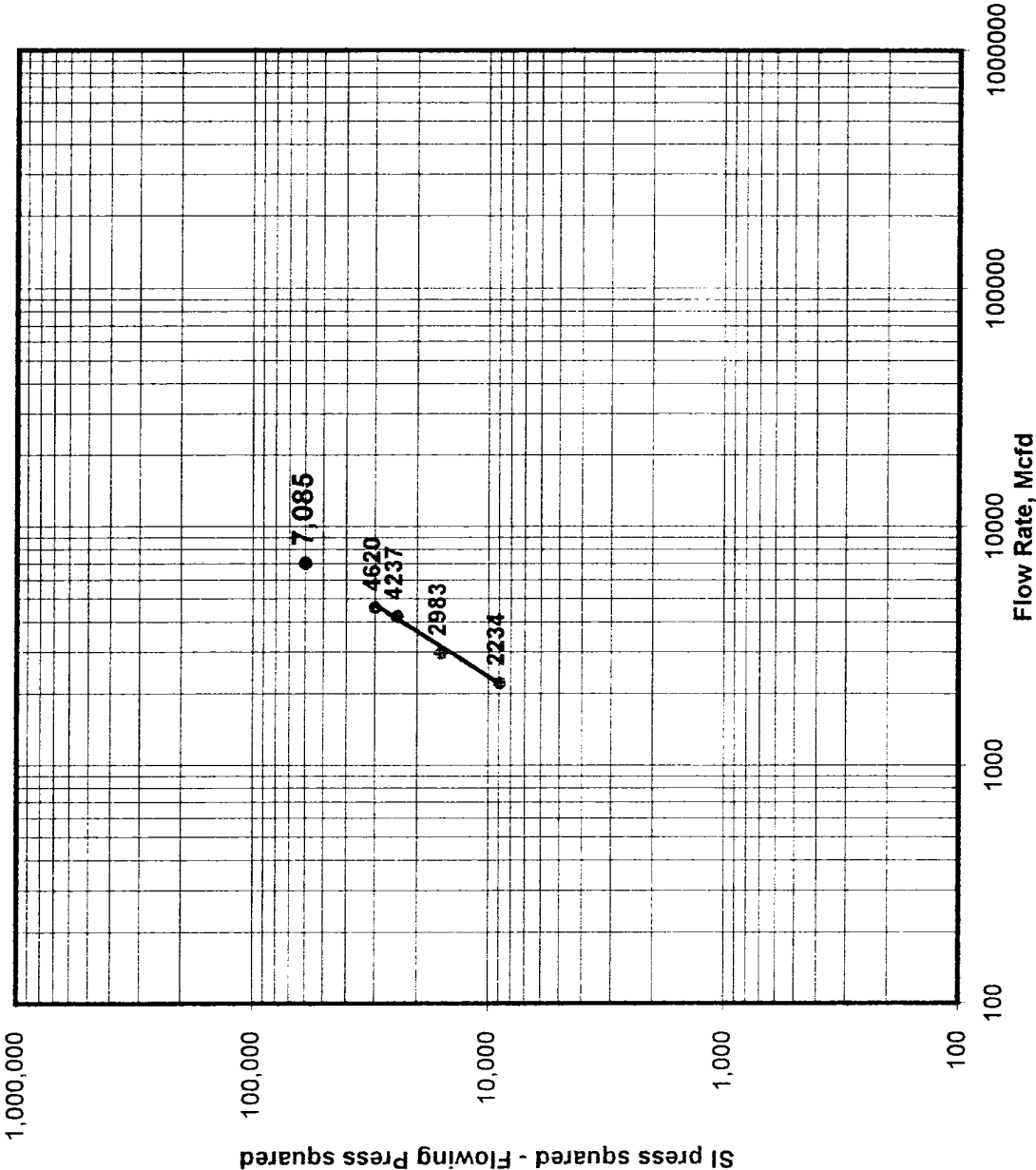
(1) 4th test point		(2) 4th test point	
Pc^2	1.989	P c^2 ^n	1.534
P c^2 - P w^2		P c^2 - P w^2	
4th test point		7,085 = AOF	
Q P^2 ^n			
P c^2 - P w^2			

Absolute Open Flow	7,085	Mcfd @ 15.025	Angle of Slope	58.13	Slope, n =	0.622 (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

