

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 3/28/95		API Number 30-059-20312	
Company Amoco Corporation				Connection Bravo Dome CO2 Plant				RTU Number 5068	
Pool N/A				Formation Tubb				Unit BDCDGU	
Completion Date 8/15/95		Total Depth 2135		Plug Back Depth 2124		Elevation 4593 GL		Farm or Lease Name Bravo Dome	
Csg. Size 5.5	Wt. 15.5, 5.9	Csg. inside Dia 4.75 FG	Set At 2135	Perforations From 1973 To 2122		Well Number 2134-111-J			
Tbg. Size n/a	Wt. n/a	Tbg. inside Dia n/a	Set At n/a	Perforations From n/a To n/a		Unit Sec. Twp. Rge. sec 11, T-21, R-34			
Type well - Single-Bradenhead-G.G. or G.O. Multiple Single						Packer Set At n/a		County Union	
Producing Through Casing		Reservoir Temp. F 95		Mean Annual Temp. F 60		Baro. Press. - PSIA 12.2		State New Mexico	
Flow Channel L 2124	Depth, H 2124	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						316				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)	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.							878	2.9435	
2.							1253	3.0980	
3.							1611	3.2071	
4.							2013	3.3038	
5.							3149	AOF	

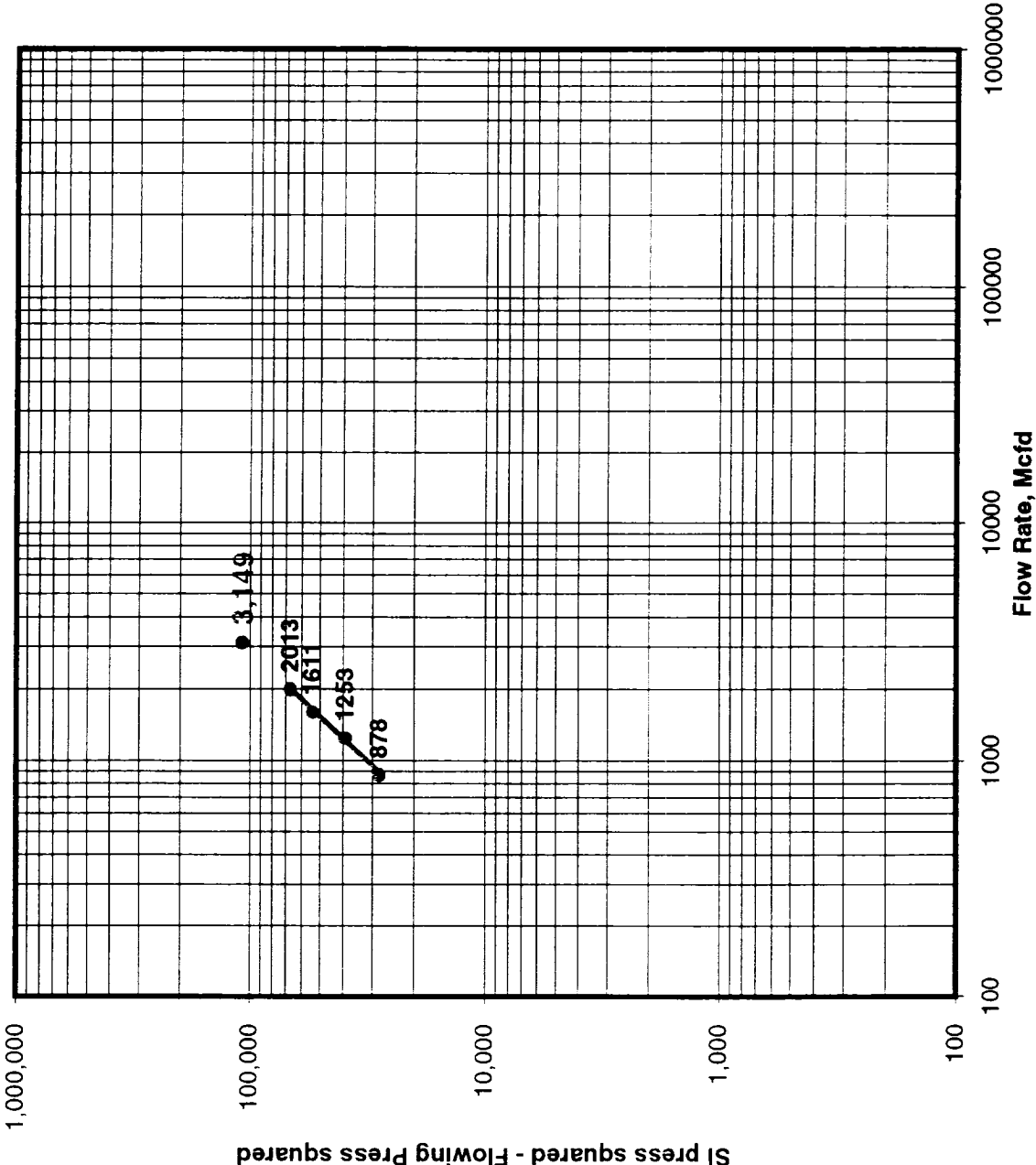
NO.	Pr	Temp. °R	Tr	Z	Gas Liquid Hydrocarbon Ratio	N/A Mcf/bbl
1.					A. P. I. Gravity of Liquid Hydrocarbon	N/A Deg.
2.					Specific Gravity Separator Gas	N/A
3.					Specific Gravity Flowing Fluid	1.5192
4.					Critical Pressure	1072 P.S.I.A.
5.					Critical Temperature	548 R

Pc = 328.2		Pc^2 = 107,715				(1) 4th test point	(2) 4th test point
NO.	Pt^2	Pw	Pw^2	Pc^2 - Pw^2	Pc^2 - Pw^2	Pc^2	Pc^2 - Pw^2
SI		328.2	107,715	0	0	1.612	1.564
1.		282.2	79,637	28,078	4,484		
2.		262.2	68,749	38,966	4,5907		
3.		232.2	53,917	53,798	4,7308		
4.		202.2	40,885	66,830	4,8250		
5.							

Absolute Open Flow 3,149 Mcfd @ 15.025				Angle of Slope 46.86		Slope, n = 0.937 (Cotangent)	
Remarks: — Fiberglass casing to top of tubb. Steel casing set through tubb and perforated.							

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

