

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 8/29/95		API Number 30-059-20317	
Company Amoco Corporation				Connection Bravo Dome CO2 Plant				RTU Number 5070	
Pool N/A				Formation Tubb				Unit BDCDGU	
Completion Date 8/16/95		Total Depth 2206		Plug Back Depth 2196		Elevation 4665 GL		Farm or Lease Name Bravo Dome	
Csg. Size 5.5	Wt. 15.5, 5.9	Csg. Inside Dia 4.75 FG	Set At 2206	Perforations From 2096 To 2195		Well Number 2135-071-K			
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 07, T-21, R-35			
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 2196	Depth, H 2196	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						320				24 hour
1.						270				60 MIN
2.						250				60 MIN
3.						190				60 MIN
4.						120				60 MIN
5.						0				

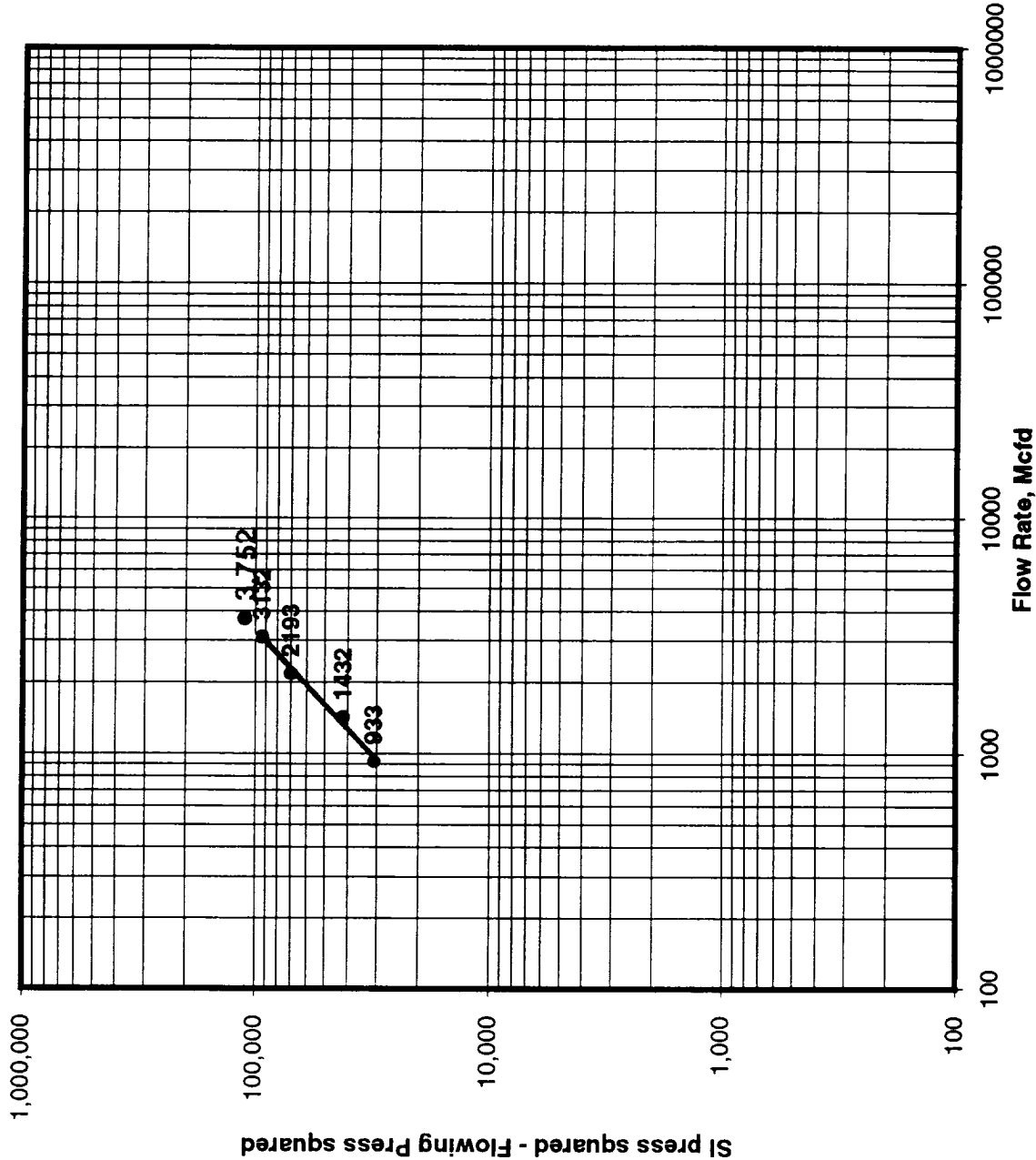
RATE OF FLOW CALCULATIONS								
NO.	Coefficient (24 Hours)	hw * Pm	Pressure Pm	Flow Temp. Factor, Ft	Gravity Factor, Fg	Super Compressibility Factor, Fpv	Rate of Flow Q, Mcfd	
							Values	Log(10)
SI							0	
1.							933	2.9699
2.							1432	3.1559
3.							2193	3.3410
4.							3132	3.4958
5.							3752	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 = 332.2	Pc^2 = 110,357	(1) 4th test point	(2) 4th test point
NO.	Pw^2	Pw	Pw^2
SI	332.2	110,357	0
1.	282.2	79,637	30,720
2.	262.2	68,749	41,608
3.	202.2	40,885	69,472
4.	132.2	17,477	92,880
5.			

Absolute Open Flow 3,752 Mcfd @ 15.025		Angle of Slope 43.65 Slope, n = 1.048 (Cotangent)	
Remarks: — fiberglass casing to top of tubb. Steel casing set through tubb and peried.			
Approved By Commission:		Conducted By: Bill Prichard	
Calculated By: Automation Software		Checked By: Gary Ford, Bill Prichard	

GAS WELL BACK PRESSURE TEST - ABSOLUTE OPEN FLOW



GAS WELL BACK PRESSURE TEST INFLOW PERFORMANCE

