

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-63

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 8/18/95		API Number 30-059-20018	
Company Amoco Corporation				Connection Bravo Dome CO2 Plant				RTU Number 5073	
Pool N/A				Formation Tubb				Unit BDCDGU	
Completion Date 6/28/74		Total Depth 2668		Plug Back Depth 2182		Elevation 4646 RDB		Farm or Lease Name Bravo Dome	
Csg. Size 4.5	Wt. 10.5	Csg. Inside Dia 4.052	Set At 2656	Perforations From 2052 To 2596		Well Number 2234-361-P			
Tbg. Size 2 3/8	Wt. 4.7	Tbg. Inside Dia 1.995	Set At 2021	Perforations From n/a To n/a		Unit Sec. Twp. Rge. sec 36, T-22, R-34			
Type well - Single-Bradenhead-G.G. or G.O. Multiple Single						Packer Set At 2021		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 2182	Depth, H 2182	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.	
SI						315			
1.						270			24 hour
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.							1225 3.0881
2.							1451 3.1617
3.							1667 3.2219
4.							1800 3.2553
5.							2222 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.						

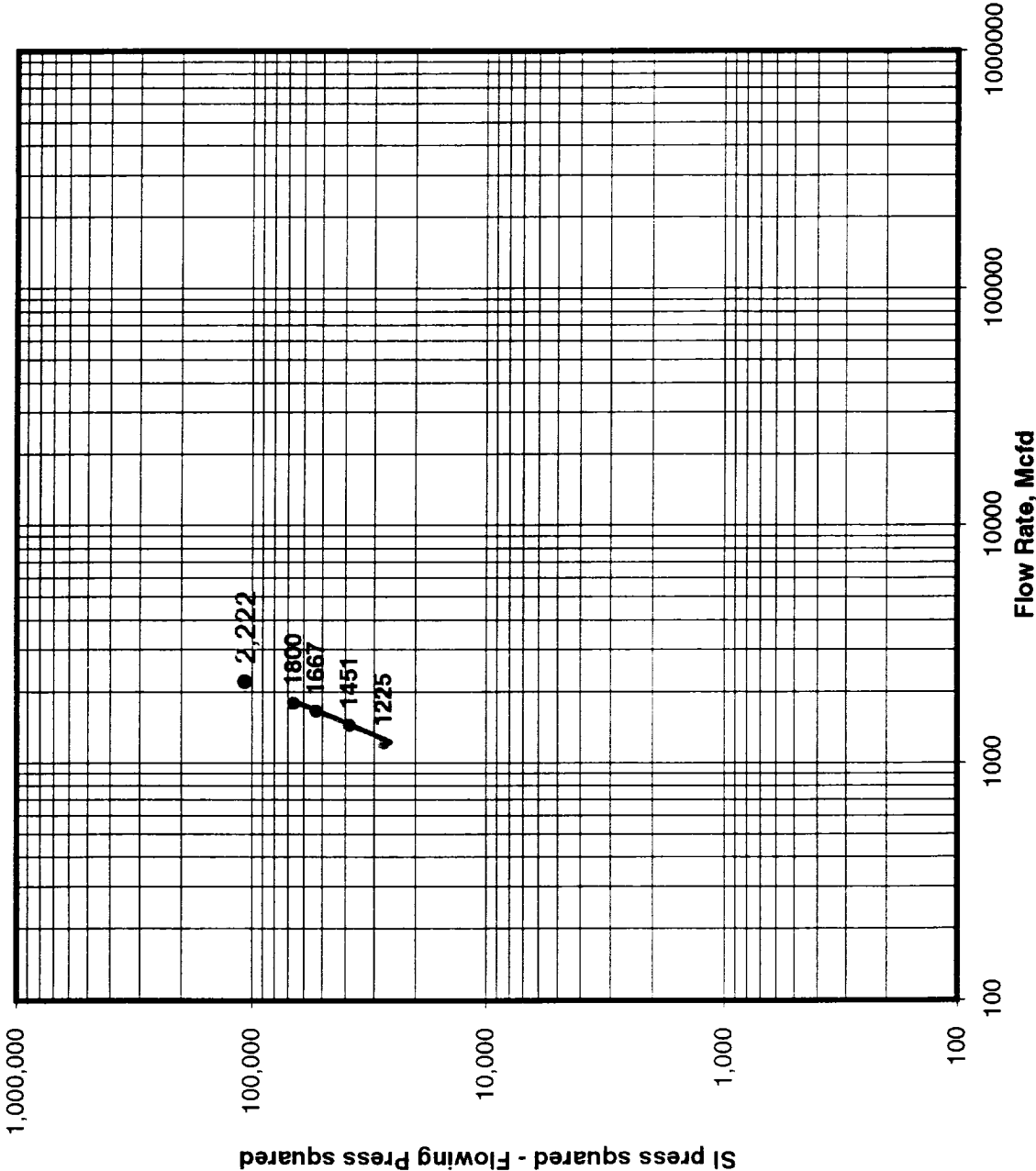
Pc = 327.2	Pc^2 = 107,060	(1) 4th test point	(2) 4th test point
NO.	P t^2	Pw	Pw^2
SI			
1.			
2.			
3.			
4.			
5.			

Pc^2 - Pw^2	Pc^2 - Pw^2	Pc^2 - Pw^2	Pc^2 - Pw^2	Pc^2 - Pw^2	Pc^2 - Pw^2	Pc^2 - Pw^2	Pc^2 - Pw^2
SI							
1.							
2.							
3.							
4.							
5.							

Absolute Open Flow 2,222 Mcfd @ 15.025	Angle of Slope 66.34	Slope, n = 0.438 (Cotangent)
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Remarks:			
Approved By Commission:	Conducted By: Bill Prichard	Calculated By: Automation Software	Checked By: Garv Ford, Bill Prichard

GAS WELL BACK PRESSURE TEST - ABSOLUTE OPEN FLOW



GAS WELL BACK PRESSURE TEST INFLOW PERFORMANCE

