

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 8/30/96		API Number 30-059-20359		
Company Amoco Corporation				Connection Bravo Dome CO2 Plant			RTU Number 4112		
Pool N/A				Formation Tubb			Unit BDCDGU		
Completion Date 8/29/96		Total Depth 2443'		Plug Back Depth 2433'		Elevation 4577.10'		Farm or Lease Name Bravo Dome	
Csg. Size 5 1/2	Wt. 15.5#	Csg. Inside Dia 4.75	Set At 2443'	Perforations From 2348' To 2426			Well Number 1835-232D		
Tbg. Size X	Wt. X	Tbg. Inside Dia X	Set At. X	Perforations From n/a To n/a			Unit Sec. Twp. Rge. sec 23,T-18N,R-35E		
Type well -Single-Bradenhead-G.G. or G.O. Multiple Single					Packer Set At n/a		County UNION		
Producing Through X		Reservoir Temp. F 95		Mean Annual Temp. F 60		Baro. Press. - PSIA 12.2		State New Mexico	
Flow Channel, L 2433'	Depth, H 2433'	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. Pres. Hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI					272				24 hour
1.					248				60 MIN
2.					233				60 MIN
3.					215				60 MIN
4.					179				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.							301	2.4786	
2.							495	2.6946	
3.							711	2.8519	
4.							964	2.9841	
5.							1723	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

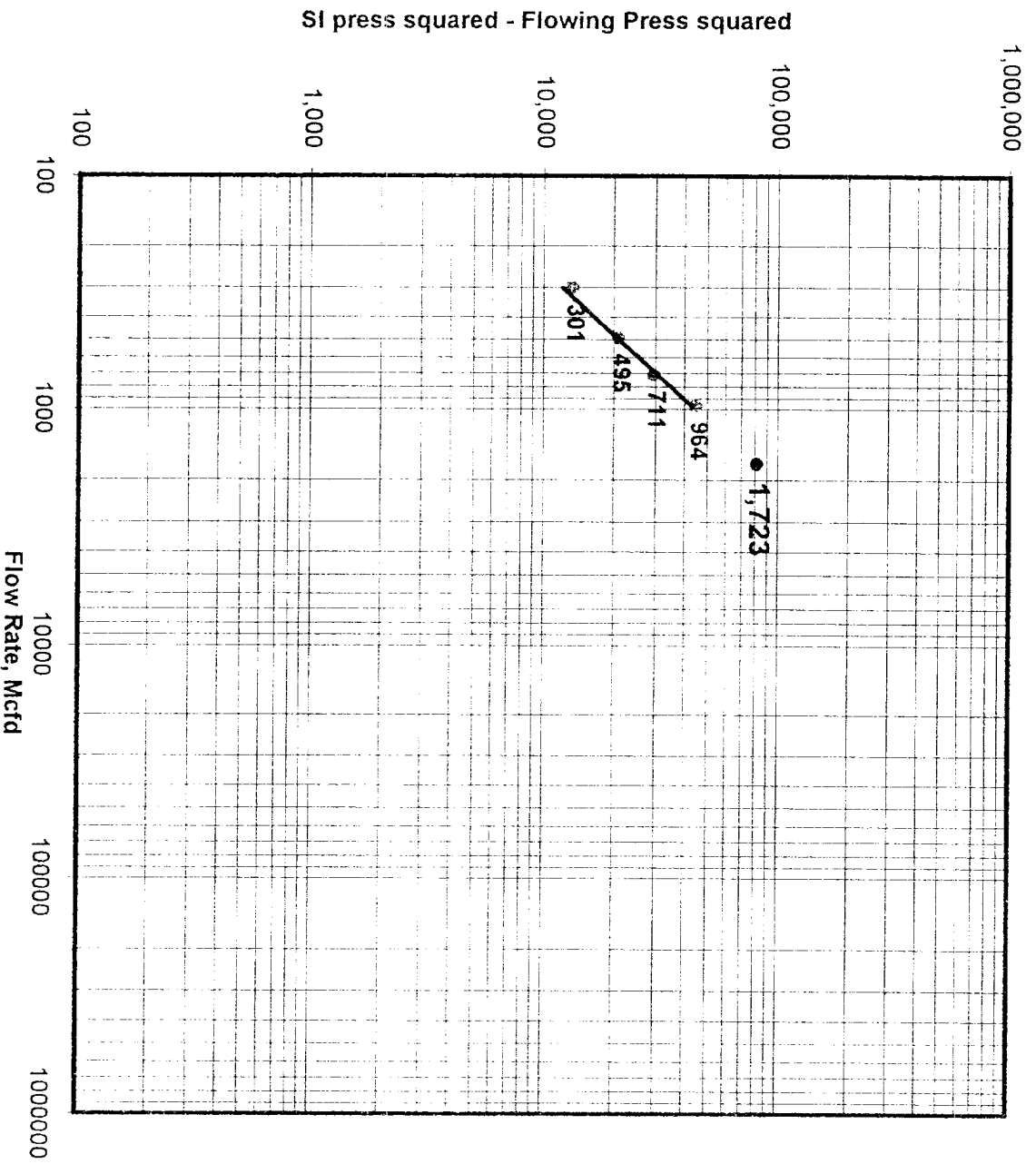
Pc 284.2 Pc^ 80,770			
NO.	P t^2	Pw	Pw^2
SI		284.2	80,770
1.		260.2	67,704
2.		245.2	60,123
3.		227.2	51,620
4.		191.2	36,557
5.			

(1) 4th test point Pc^2 1.827		(2) 4th test point Pc^2 1.788	
Pc^2 - Pw^2		Pc^2 - Pw^2	
4th test point Q P^2 ^n 1,723 = AOF			

Absolute Open Flow 1,723 Mcfd @ 15.025		Angle of Slope 46.05 Slope, n = 0.964 (Cotangent)	
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