

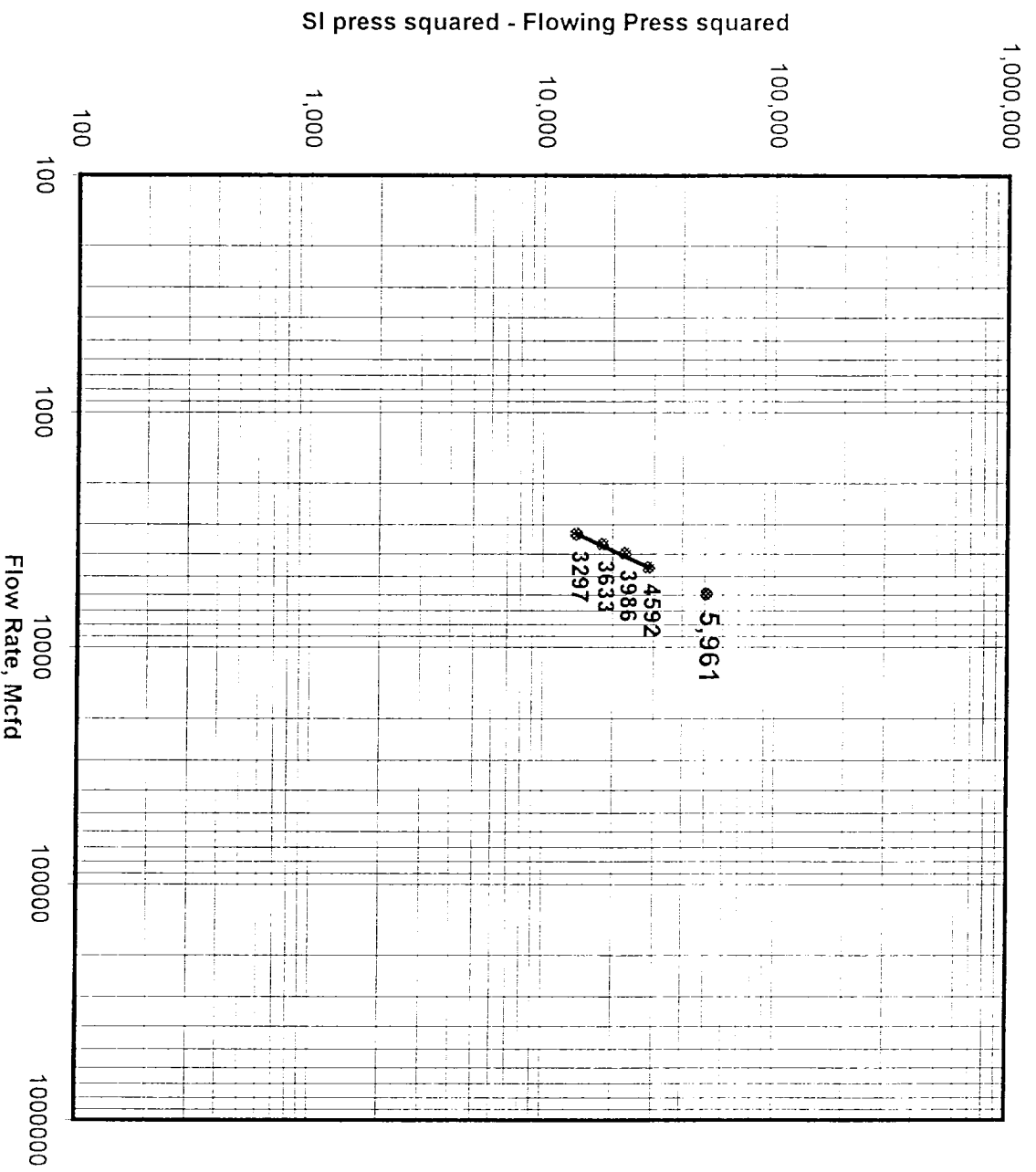
NEW MEXICO OIL CONSERVATION COMMISSION

Form G-122

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL Revised 9-1-63

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 6/25/96		API Number 30-059-20343	
Company Amoco Corporation				Connection Bravo Dome CO2 Plant				RTU Number 5064	
Pool N/A				Formation Tubb				Unit BDCDGU	
Completion Date 9/4/95		Total Depth 2209		Plug Back Depth 2195		Elevation 4648		Farm or Lease Name Bravo Dome	
Csg. Size 5.5	Wt. fg	Csg. Inside Dia 4.75	Set At 2209	Perforations From 2070 To 2158		Well Number 2134-141x			
Tbg. Size na	Wt. x	Tbg. Inside Dia x	Set At. x	Perforations From n/a To n/a		Unit Sec. Twp. Rge. sec 14,T-21,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		State New Mexico	
Flow Channel, L. 2195	Depth, H 2195	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. Pres psig	Diff. Press. Hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI						213			
1.						180			
2.						169			
3.						156			
4.						137			
5.						0			
RATE OF FLOW CALCULATIONS									
NO.	Coefficient (24 Hours)		Pressure Pm	Flow Temp. Factor, Ft	Gravity Factor, Fg	Super Compressibility Factor, Fpv	Rate of Flow Q, Mcfd		
		/ hw * Pm					Values	Log(10)	
SI							0		
1.							3297	3.5181	
2.							3633	3.5603	
3.							3986	3.6005	
4.							4592	3.6620	
5.							5961	AOF	
NO.	P r	Temp, °R	T r	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		225.2	Pc*		50,715				
NO.	P t^2	Pw	P w^2	Pc^2 - P w^2	Pc^2 - P w^2	(1) 4th test point Pc^2 1.782		(2) 4th test point Pc^2 1.298	
SI		225.2	50,715	0	Log(10)	P c^2 - P w^2		P c^2-Pw^2	
1.		192.2	36,941	13,774	4.1391				
2.		181.2	32,833	17,882	4.2524				
3.		168.2	28,291	22,424	4.3507				
4.		149.2	22,261	28,454	4.4541				
5.									
Absolute Open Flow 5,961 Mcfd @ 15.025						Angle of Slope 65.71		Slope, n = 0.451 (Cotangent)	
Remarks:									
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

