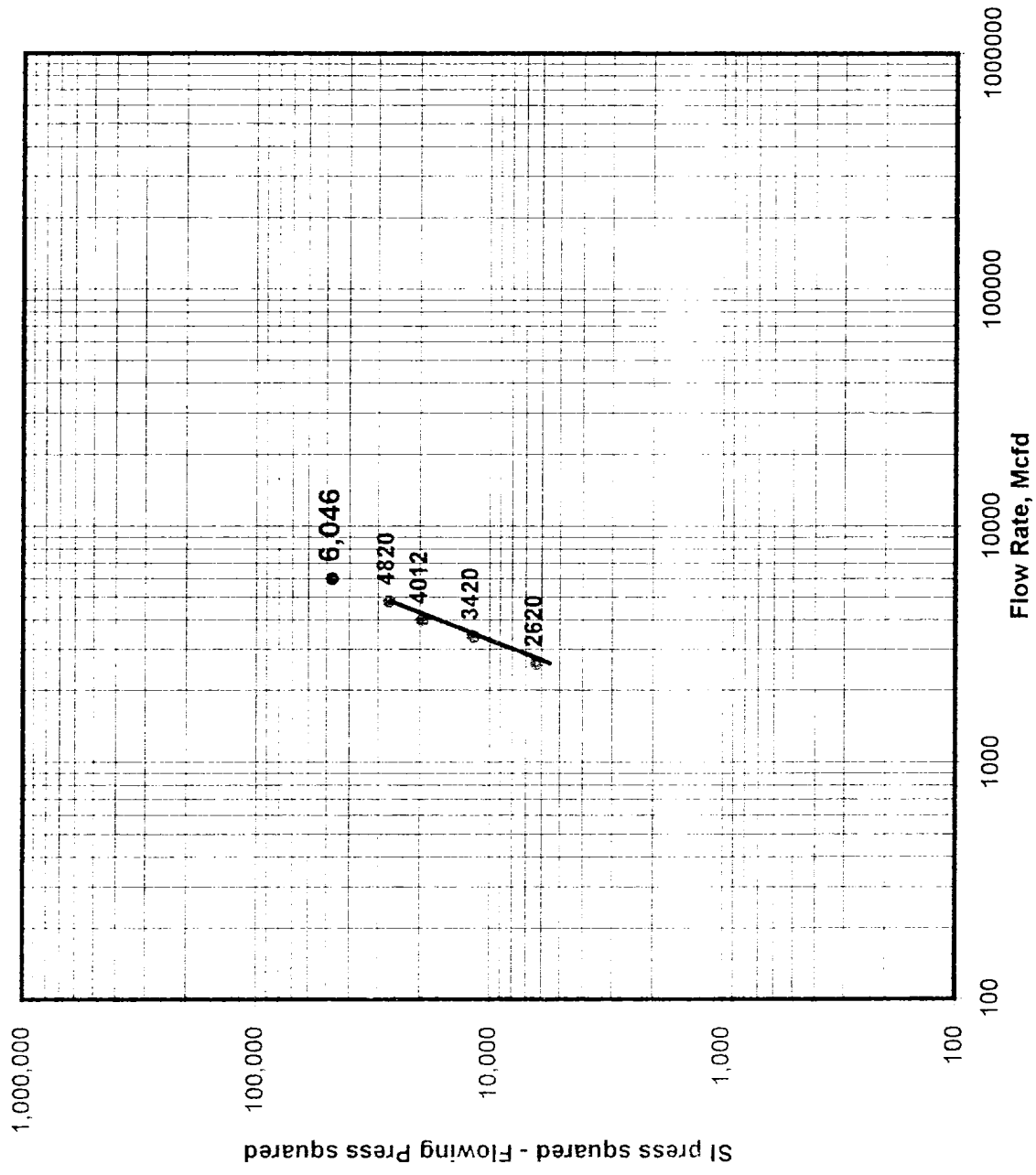


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL Revised 9-1-63

Form C-122

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 6/20/96		API Number 30-059-20314	
Company Amoco Corporation				Connection Bravo Dome CO2 Plant			RTU Number 5061	
Pool N/A				Formation Tubb			Unit BDCDGU	
Completion Date 8/6/95		Total Depth 2395		Plug Back Depth 2384		Elevation 4834		Farm or Lease Name Bravo Dome
Csg. Size 5.5	Wt. fg	Csg. Inside Dia 4.75	Set At 2395	Perforations From 2232 To 2384		Well Number 2134-241f		
Tbg. Size na	Wt. x	Tbg. Inside Dia x	Set At x	Perforations From n/a To n/a		Unit Sec. Twp. Rge. sec 24,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 2384	Depth, H 2384	Gg 1.5192	%CO2 100	%N2 0	%H2S 0	Prover ORIFICE	Meter Run 4 inch	Taps FLANGE
FLOW DATA					TUBING DATA		CASING DATA	
NO.	Prover Size X	Stat. Pres psig	Diff. Press. Hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F
SI					205			24 hour
1.					190			60 MIN
2.					176			60 MIN
3.					154			60 MIN
4.					130			60 MIN
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		
SI						Values	Log(10)	
1.						2620	3.4183	
2.						3420	3.5340	
3.						4012	3.6034	
4.						4820	3.6830	
5.						6046	AOF	
NO.	P r	Temp. °R	T r	Z	Gas Liquid Hydrocarbon Ratio N/A Mcf/bbl A. P. I. Gravity of Liquid Hydrocarbon N/A Deg. Specific Gravity Separator Gas N/A Specific Gravity Flowing Fluid 1.5192 Critical Pressure 1072 P.S.I.A. Critical Temperature 548 R			
1.								
2.								
3.								
4.								
5.								
Pc	217.2	Pc^2	47,176					
NO.	P t^2	Pw	P w^2	Pc^2 - P w^2	Pc^2 - P w^2			
SI		217.2	47,176	0	Log(10)			
1.		202.2	40,885	6,291	3.7987			
2.		188.2	35,419	11,757	4.0703			
3.		166.2	27,622	19,553	4.2912			
4.		142.2	20,221	26,955	4.4306			
5.								
					(1) 4th test point	(2) 4th test point		
					Pc^2	1.750	Pc^2 ^n	1.254
					Pc^2 - Pw^2	Pc^2-Pw^2		
					4th test point			
					Q P^2 ^n	6,046	= AOF	
					Pc^2-Pw^2			
Absolute Open Flow 6,046					Mcf/d @ 15.025		Angle of Slope 67.96	
					Slope, n =		0.405 (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

