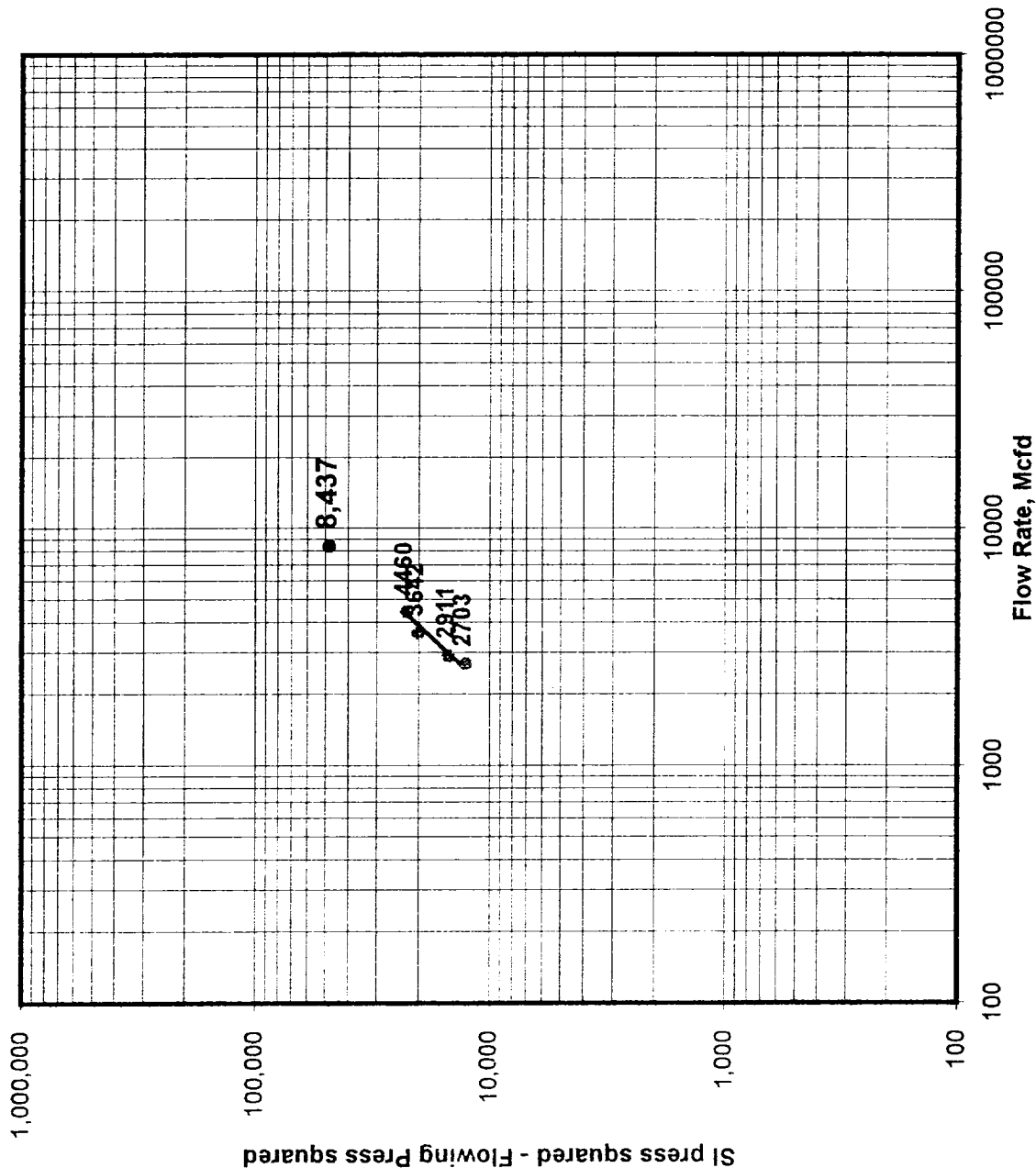


NEW MEXICO OIL CONSERVATION COMMISSION Form C-122
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL Revised 9-1-63

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 7/1/96		API Number 30-059-20331		
Company Amoco Corporation				Connection Bravo Dome CO2 Plant					
Pool N/A				Formation Tubb			Unit BDCDGU		
Completion Date 8/27/95		Total Depth 2437		Plug Back Depth 2427		Elevation 4876		Farm or Lease Name Bravo Dome	
Csg. Size 5 1/2	Wt. fg	Csg. Inside Dia 4.75	Set At 2437	Perforations From 2288 To 2304			Well Number 2234-231f		
Tbg. Size na	Wt. x	Tbg. Inside Dia x	Set At x	Perforations From x To x			Unit Sec. Twp. Rge. sec 23,T-22,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 2437	Depth, H 2437	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.	
SI						207			
1.						176		24 hour	
2.						170		60 MIN	
3.						155		60 MIN	
4.						148		60 MIN	
5.						0			
RATE OF FLOW CALCULATIONS									
NO.	Coefficient (24 Hours)	$\frac{1}{hw} \cdot P_m$	Pressure Pm	Flow Temp. Factor, Ft	Gravity Factor, Fg	Super Compressibility Factor, Fpv	Rate of Flow Q, Mcfd		
SI							Values	Log(10)	
1.							2703	3.4318	
2.							2911	3.4640	
3.							3642	3.5613	
4.							4460	3.6493	
5.							8437	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	219.2	Pc^	48,049						
NO.	P t^2	Pw	P w^2	Pc^2 - P w^2	Pc^2 - P w^2				
SI		219.2	48,049	0	Log(10)				
1.		188.2	35,419	12,629	4.1014				
2.		182.2	33,197	14,852	4.1718				
3.		167.2	27,956	20,093	4.3030				
4.		160.2	25,664	22,385	4.3499				
5.									
(1) 4th test point Pc^2 2.147 P c^2 - P w^2					(2) 4th test point P c^2 ^n P c^2 - P w^2 8,437 = AOF				
Absolute Open Flow 8,437 Mcfd @ 15.025					Angle of Slope 50.15 Slope, n = 0.835 (Cotangent)				
Remarks:									
Approved By Commission:			Conducted By:		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

