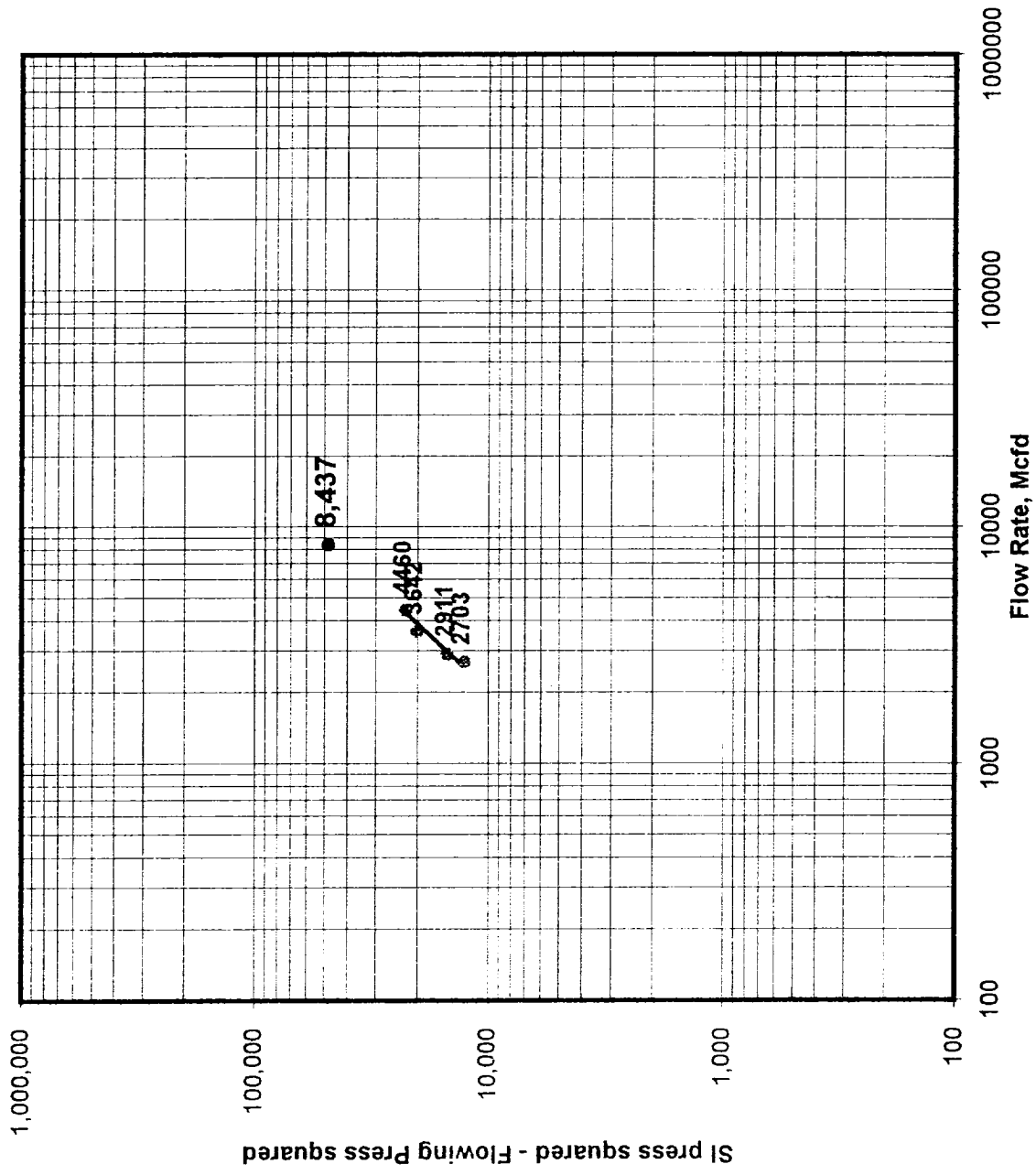


NEW MEXICO OIL CONSERVATION COMMISSION Form C-122
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL Revised 9-1-63

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 1.892			
4th test point Q P^2 ^n 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

