

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

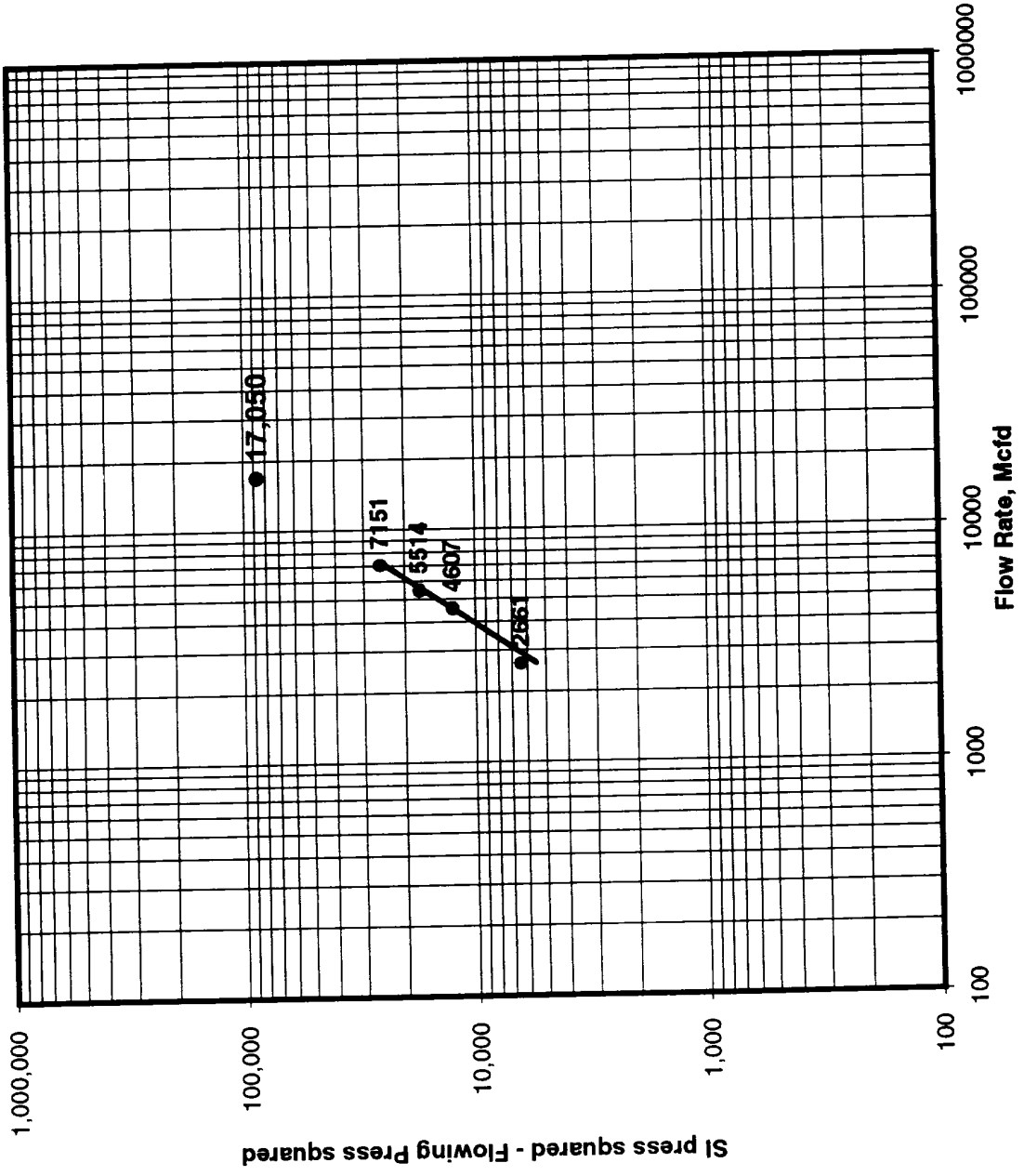
Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special				Test Date 11/4/95		API Number 30-059-20340				
Company Amoco Corporation			Connection Bravo Dome CO2 Plant			RTU Number 5080				
Pool N/A			Formation Tubb			Unit BDCDGU				
Completion Date 9/12/95		Total Depth 2397		Plug Back Depth 2386		Elevation 4826 GR				
Csg. Size 5.5	Wt. 15.5,5.9	Csg. Inside Dia 4.75 FG	Set At 2397	Perforations From 2140 To 2350		Well Number 2234-291-G				
Tbg. Size n/a	Wt. n/a	Tbg. Inside Dia n/a	Set At n/a	Perforations From n/a To n/a		Unit Sec. Iwp. Rge. sec 29,T-22,R-34				
Type well -Single-Bradenhead-G.G. or G.O. Multiple Single				Packer Set At n/a		County Union				
Producing Through Casing		Reservoir Temp. F 95		Mean Annual Temp. F 60		Baro. Press. - PSIA 12.2				
Flow Channel, L 2386	Depth, H 2386	Gg 1.5192	%CO2 100	%N2 0	%H2S 0	Prover ORIFICE	Meter Run 4 inch			
FLOW DATA				TUBING DATA		CASING DATA				
NO.	Prover Size	X	Stat. Press psig	Diff. Press. Hw	Temp. F	Press. p.s.i.g.	Temp. F	Press. p.s.i.g.	Temp. F	Duration of Flow
SI						282				24 hour
1.						271				60 MIN
2.						260				60 MIN
3.						251				60 MIN
4.						235				60 MIN
5.						0				
RATE OF FLOW CALCULATIONS										
NO.	Coefficient (24 Hours)	Pressure 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.							2661		3.4250	
2.							4607		3.6634	
3.							5514		3.7415	
4.							7151		3.8544	
5.							17050		AOF	
NO.	Pr	Temp. R	Tr	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 = 294.2		Pc^2 = 86,554				(1) 4th test point	(2) 4th test point			
NO.	Pw^2	Pw	Pw^2	Pc^2 - Pw^2	Pc^2 - Pw^2	Pc^2	3.401	Pc^2	^n	2.384
SI		294.2	86,554	0	Log(10)					
1.		283.2	80,202	6,351	3.8029					
2.		272.2	74,093	12,461	4.0955					
3.		263.2	69,274	17,279	4.2375	4th test point Q Pw^2 ^n		17,050 = AOF		
4.		247.2	61,108	25,446	4.4056	Pc^2 - Pw^2				
5.										
Absolute Open Flow 17,050 Mcfd @ 15.025				Angle of Slope 54.63		Slope, n = 0.710 (Cotangent)				
Remarks: <u> </u> fiberglass casing to top of tubb. Steel casing set through tubb and perted.										
Approved By Commission:			Conducted By: Bill Prichard			Calculated By: Automation Software			Checked By: Garv Ford, Bill Prichard	

Garv Ford

BRAVO DOME CO2 GAS UNIT WELL NO. 2234291G.XLS

AMOCO

GAS WELL BACK PRESSURE TEST - ABSOLUTE OPEN FLOW



GAS WELL BACK PRESSURE TEST INFLOW PERFORMANCE

