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

Type Test	Test Date	API Number
[X] Initial [ ] Annual [ ] Special	6/29/96	30-059-20333

Company	Connection	
Amoco Corporation	Bravo Dome CO2 Plant	

Pool	Formation	Unit
N/A	Tubb	BDCDGU

Completion Date	Total Depth	Plug Back Depth	Elevation	Farm or Lease Name
8/31/95	2511	2500	4930	Bravo Dome

Csg. Size	Wt.	Csg. Inside Dia	Set At	Perforations		Well Number
5 1/2	fg	4.75	2511	From 2246	To 2448	2234-271g

Tbg. Size	Wt.	Tbg. Inside Dia	Set At.	Perforations		Unit Sec. Twp. Rge.
na	x	x	x	From x	To x	sec.27,T-22,R-34

Type well -Single-Bradenhead-G.G. or G.O. Multiple	Packer Set At	County
Single	na	Union

Producing Through	Reservoir Temp, F	Mean Annual Temp, F	Baro. Press. - PSIA	State
csg	95	60	12.2	New Mexico

Flow Channel, L	Depth, H	Gg	%CO2	%N2	%H2S		Prover	Meter Run	Taps
2511	2511	1.5192	100	0	0		ORIFICE	4 inch	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	Duration of Flow
SI						228				24 hour
1.						203				60 MIN
2.						185				60 MIN
3.						167				60 MIN
4.						148				60 MIN
5.						0				

RATE OF FLOW CALCULATIONS

NO.	Coefficient (24 Hours)	/ 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.							2425	3.3847
2.							3087	3.4895
3.							3850	3.5855
4.							5351	3.7284
5.							8207	AOF

NO.	Pr	Temp, °R	Tr	Z
1.				
2.				
3.				
4.				
5.				

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

Pc 240.2 — Pc^ 57,696

NO.	Pt^2	Pw	Pw^2	Pc^2 - Pw^2	Pc^2 - Pw^2 Log(10)
SI		240.2	57,696	0	
1.		215.2	46,311	11,385	4.0563
2.		197.2	38,888	18,808	4.2743
3.		179.2	32,113	25,583	4.4080
4.		160.2	25,664	32,032	4.5056
5.					

(1) Pc^2 / (Pc^2 - Pw^2) — 4th test point: 1.801

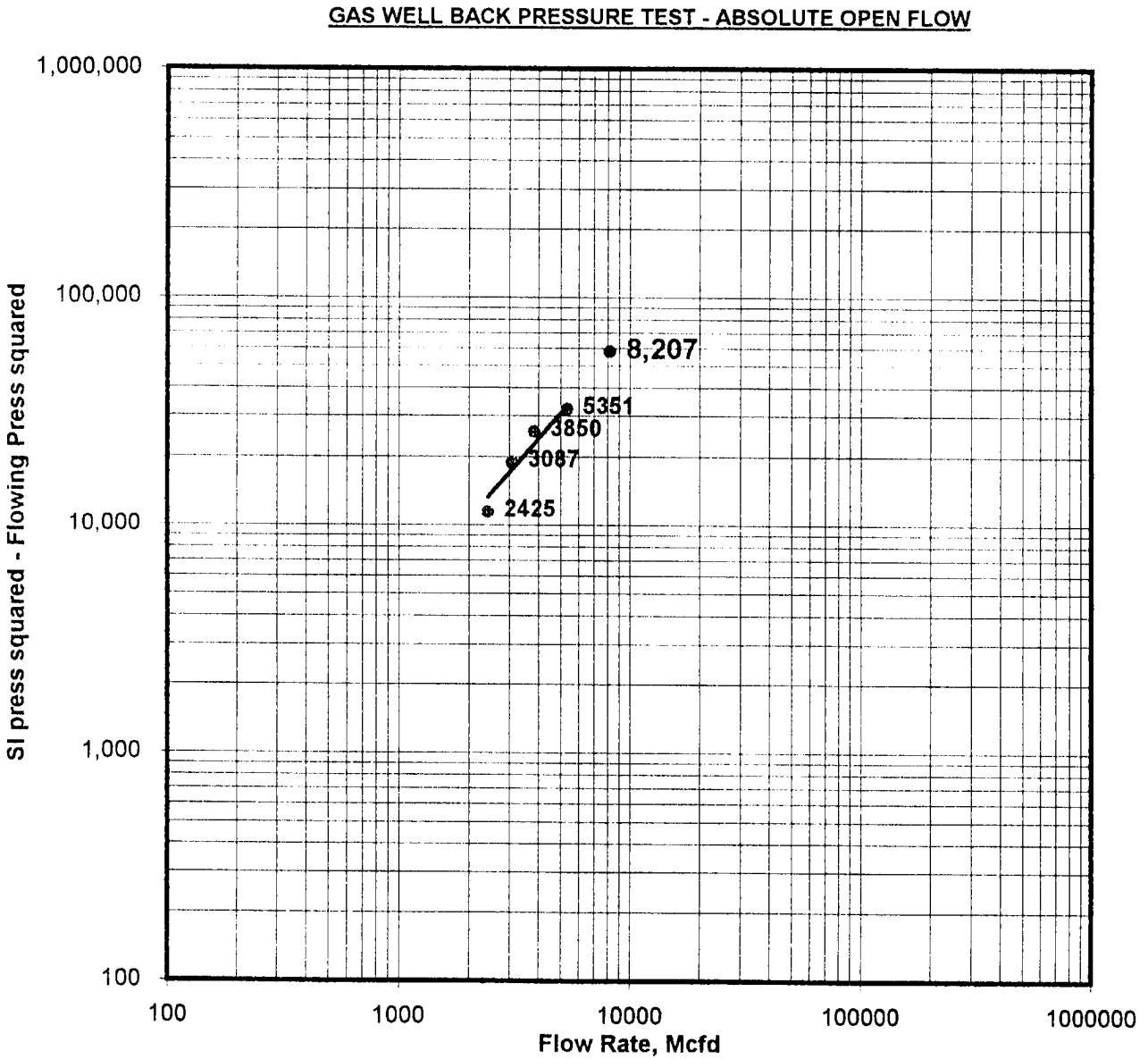
(2) | Pc^2 / |Pc^2-Pw^2| |^n — 4th test point: 1.534

4th test point: Q | P^2 / |Pc^2-Pw^2| |^n = 8,207 = AOF

Absolute Open Flow	Mcfd @ 15.025	Angle of Slope	Slope, n =
8,207		53.99	0.727 (Cotangent)

Remarks:

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	Bill Prichard, Contract	Automation Software	Gary Ford, Bill Prichard


GAS WELL BACK PRESSURE TEST - ABSOLUTE OPEN FLOW
1,000,000
100,000
10,000
1,000
100
SI press squared - Flowing Press squared
8,207
5351
3850
3087
2425
100
1000
10000
100000
1000000
Flow Rate, Mcfd

GAS WELL BACK PRESSURE TEST INFLOW PERFOMANCE