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	6/27/96	30-059-20335

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
8/17/95	2202	2192	4681	Bravo Dome

Csg. Size	Wt.	Csg. Inside Dia	Set At	Perforations		Well Number
5 1/2	fg	4.75	2202	From 2042	To 2187	2234-351J

Tbg. Size	Wt.	Tbg. Inside Dia	Set At.	Perforations		Unit Sec. Twp. Rge.
na	x	x	x	From x	To x	sec 35,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
2202	2202	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						206				24 hour
1.						195				60 MIN
2.						180				60 MIN
3.						165				60 MIN
4.						150				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.							2584	3.4123
2.							3680	3.5658
3.							4364	3.6399
4.							5080	3.7059
5.							7230	AOF

NO.	P r	Temp, 'R	T r	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	
Specific Gravity Flowing Fluid	1.5192
Critical Pressure	1072 P.S.I.A.
Critical Temperature	548 R

Pc 218.2 — Pc^ 47,611

NO.	P t^2	Pw	P w^2	Pc^2 - P w^2	Pc^2 - P w^2 Log(10)
SI		218.2	47,611	0	
1.		207.2	42,932	4,679	3.6702
2.		192.2	36,941	10,670	4.0282
3.		177.2	31,400	16,211	4.2098
4.		162.2	26,309	21,302	4.3284
5.					

(1) 4th test point: $\frac{Pc^2}{Pc^2 - Pw^2}$ = 2.235

(2) 4th test point: $\left|\frac{Pc^2}{Pc^2 - Pw^2}\right|^{n}$ = 1.423

4th test point: $Q = \left|\frac{P^2}{Pc^2 - Pw^2}\right|^{n}$ = 7,230 = AOF

Absolute Open Flow 7,230 Mcfd @ 15.025 — Angle of Slope 66.31 — Slope, n = 0.439 (Cotangent)

Remarks:

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

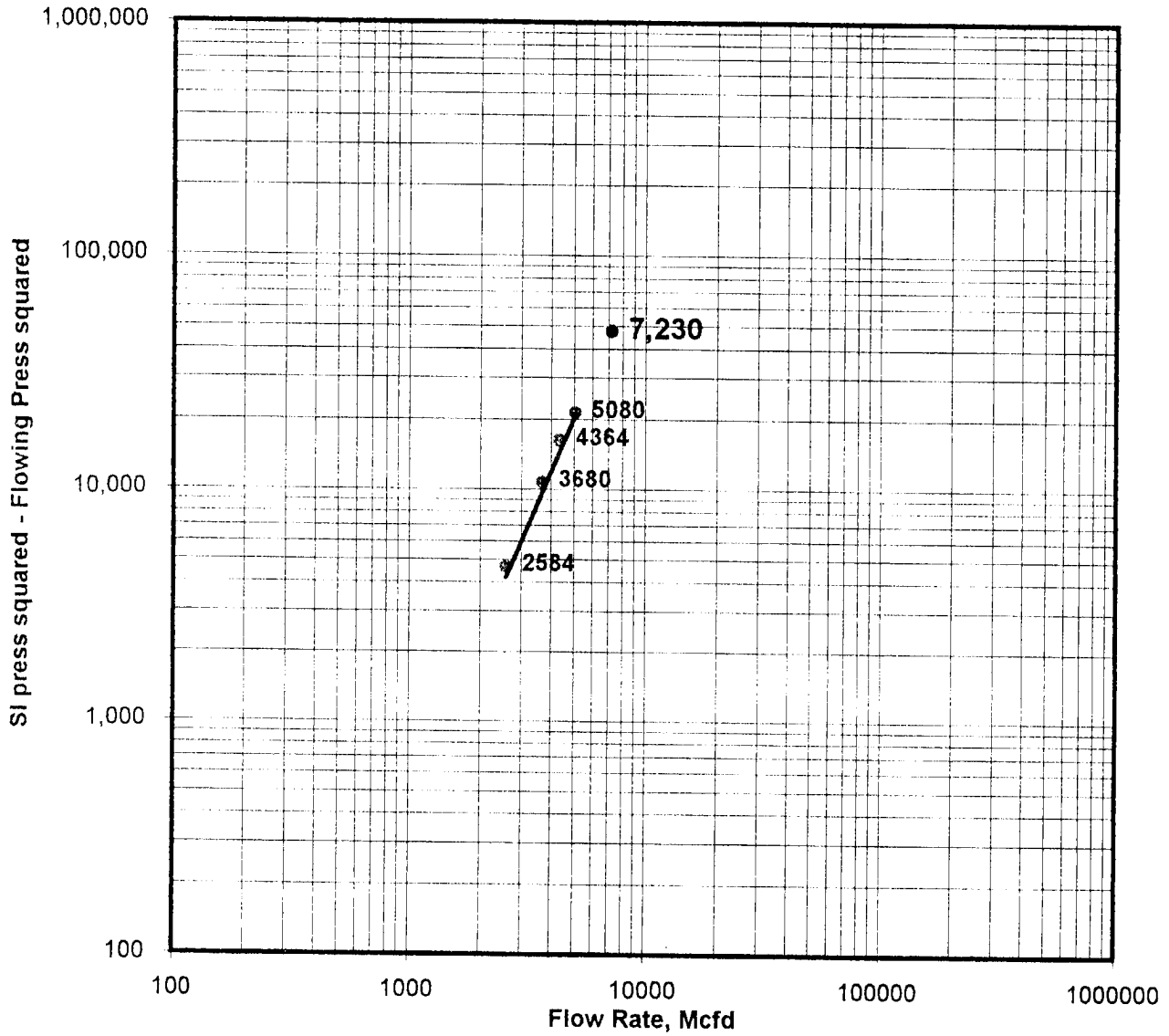
G.T. Ford-Amoco 2234351J.XLS

AMOCO

BRAVO DOME CO2 GAS UNIT WELL NO. 2234351J.XLS

7/24/95

GAS WELL BACK PRESSURE TEST - ABSOLUTE OPEN FLOW



GAS WELL BACK PRESSURE TEST INFLOW PERFOMANCE