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	8/21/95	30-059-20085

Company	Connection	RTU Number
Amoco Corporation	Bravo Dome CO2 Plant	5069

Pool	Formation	Unit
N/A	Tubb	BDCDGU

Completion Date	Total Depth	Plug Back Depth	Elevation	Farm or Lease Name
4/6/81	2727	2535	4645 GL	Bravo Dome

Csg. Size	Wt.	Csg. Inside Dia	Set At	Perforations		Well Number
5.5	14	5.012	2726	From 2023	To 2166	2134-121-K

Tbg. Size	Wt.	Tbg. Inside Dia	Set At	Perforations		Unit Sec. Twp. Rge.
3.5	FG	2.95	1982	From n/a	To n/a	sec 12,T-21,R-34

Type well -Single-Bradenhead-G.G. or G.O. Multiple	Packer Set At	County
Single	1993	Union

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

Flow Channel. L	Depth. H	Gg	%CO2	%N2	%H2S		Prover	Meter Run	Taps
2535	2535	1.5192	100	0	0		ORIFICE	4 inch	FLANGE

	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						315				24 hour
1.						270				60 MIN
2.						250				60 MIN
3.						220				60 MIN
4.						190				60 MIN
5.						0				

RATE OF FLOW CALCULATIONS

NO.	Coefficient (24 Hours)	$\sqrt{hw * Pm}$	Pressure Pm	Flow Temp. Factor, Ft	Gravity Factor, Fg	Super Compressibility Factor, Fpv	Rate of Flow Q, Mcfd Values	Log(10)
SI							0	
1.							1800	3.2553
2.							1933	3.2862
3.							2200	3.3424
4.							2533	3.4036
5.							3043	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 Hyarocarbon	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 = 327.2 Pc^2 107,060

NO.	P t^2	Pw	P w^2	Pc^2 - P w^2	Pc^2 - P w^2 Log(10)
SI		327.2	107,060	0	
1.		282.2	79,637	27,423	4.4381
2.		262.2	68,749	38,311	4.5833
3.		232.2	53,917	53,143	4.7254
4.		202.2	40,885	66,175	4.8207
5.					

(1) Pc^2 / P c^2 - P w^2 — 4th test point 1.618

(2) | P c^2 / | Pc^2-Pw^2 | ^n — 4th test point 1.201

4th test point

Q | P^2 / |Pc^2-Pw^2| ^n = 3,043 = AOF

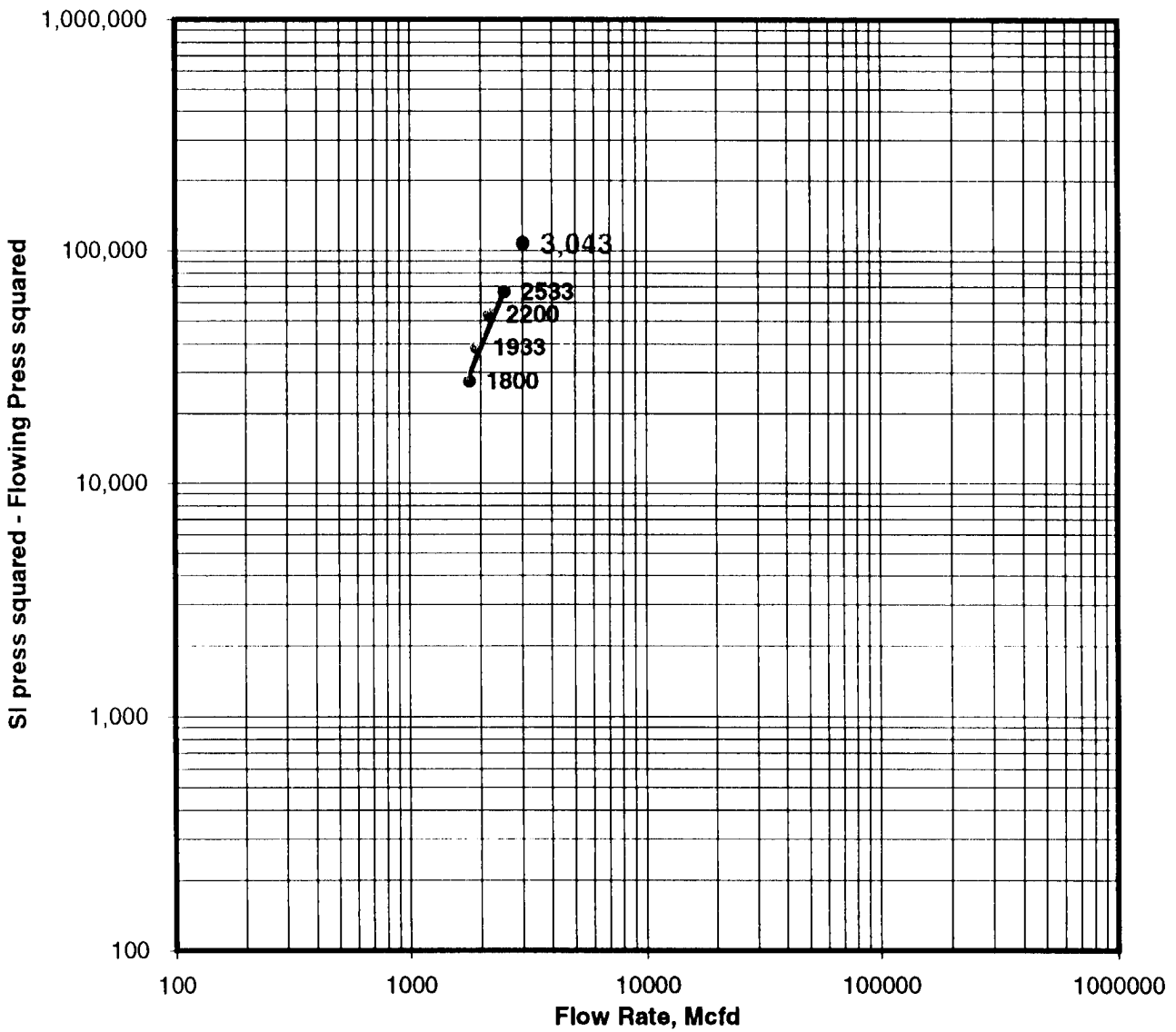
Absolute Open Flow	3,043	Mcfd @ 15.025	Angle of Slope	69.13	Slope. n =	0.381 (Cotangent)

Remarks:

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

G.T. Ford-Amoco 2134121K.XLS

GAS WELL BACK PRESSURE TEST - ABSOLUTE OPEN FLOW



GAS WELL BACK PRESSURE TEST INFLOW PERFOMANCE