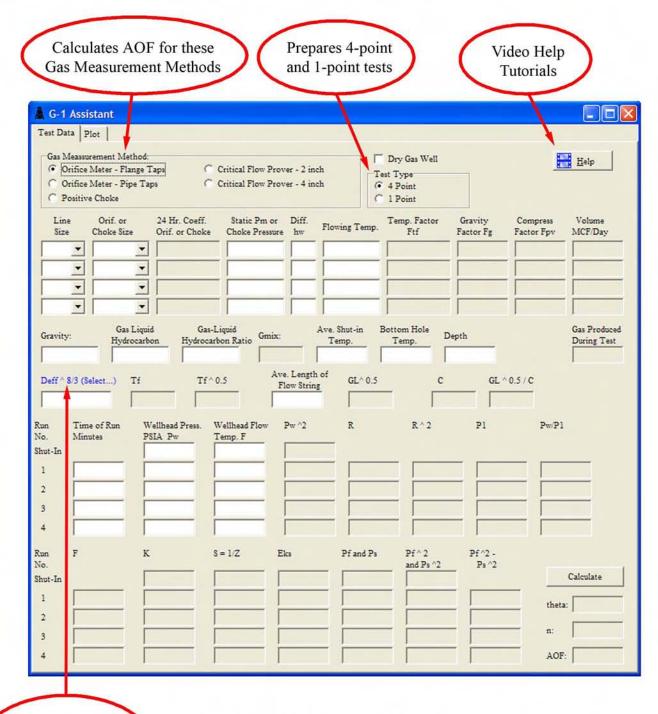
DataBase Concepts G-1 Assistant

The G-1 Form Assistant helps you calculate values including the AOF and then exports all values to the Form G-1. The image below shows the data input fields (white) and the calculated fields (gray).



Selectable effective diameter of the flow string ($D_{eff}^{8/3}$)

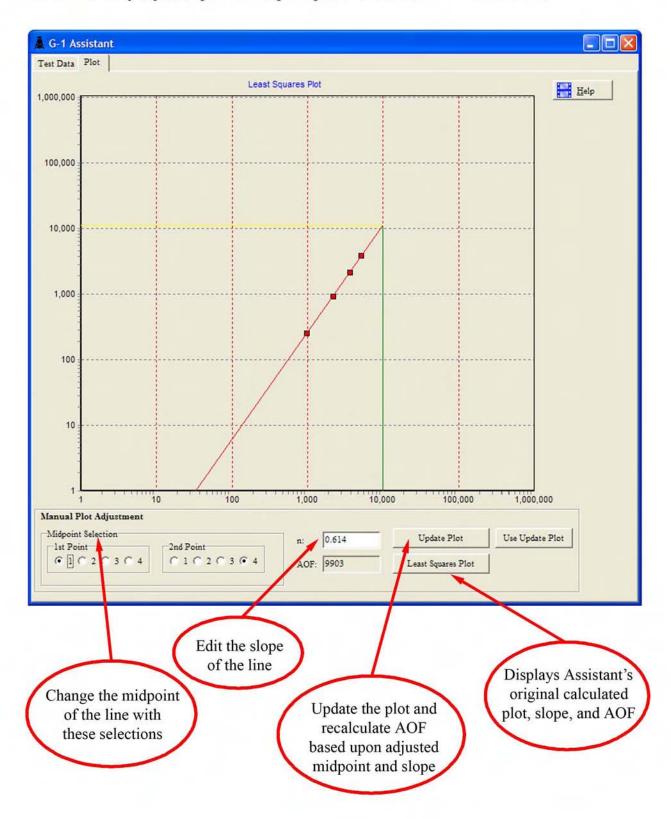
Key Calculated Values:

- · AOF Absolute Open Flow
- Theta
- 24 hour Coefficient
- Temperature Factor (F_{tf})
- Gravity Factor (F_g)
- Supercompressibility Factor (F_{pv})
- Rate of Flow Volume MCF per Day
- Gas produced during test in MCF
- Gravity of Mixture (Gmix)
- Effective diameter of the flow string ($D_{\rm eff}^{-8/3}$)
- Average temperature of the flow-stream °R (T_f)

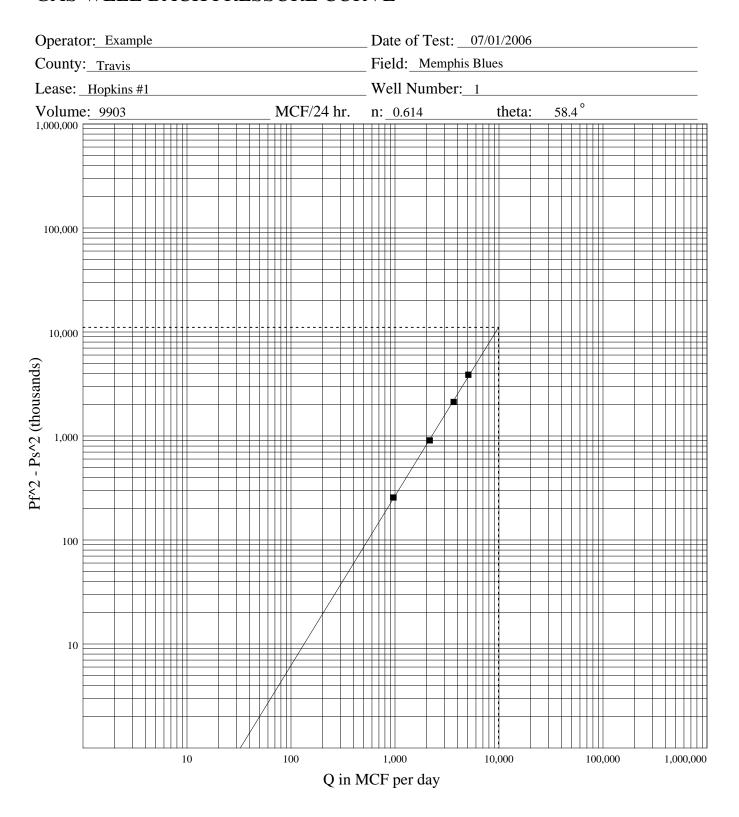
Web: www.database-concepts.com Phone: 800-856-2955

G-1 Assistant Plot Adjustments

You can manually adjust slope and mid-point placement to alter AOF calculations.



GAS WELL BACK PRESSURE CURVE



Point	Rate MCF/Day	BHP Psia	(Pf^2 - Ps^2) (thousands)	
Shut-in	0	3328		
1	969	3289	256.0	
2	2160	3188	907.8	
3	3667	2992	2123.4	
4	5077	2683	3874.1	
AOF	9903		11074	

Certified by:			