

Sheet1

Z - Factor Calculation

01/28/2023

GAS GRAVITY	0.61	Tc =	360.70
% N2	0.33 %	Pc =	673.32
% CO2	0.76 %	Tc' =	359.26
% H2S	0.00 %	Pc' =	670.64
CONDENSATE (YES=1)	1	Tr =	1.957
RES. TEMPERATURE	242 'F	Pr =	2.237
PRESSURE	1500 psia	GAS Ghc =	0.6018
		Tchc =	359.70
Z - Factor	Err:522	Pchc =	670.87
BHP/Z	Err:522	CWA =	1.44
		pro =	Err:522
Written by Doug Boone		f(pr) =	Err:522
Version 1.0		f(pr)' =	Err:522
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INSTRUCTIONS:

- 1) INPUT THE VALUES THAT ARE HIGHLIGHTED
- 2) PRESS [F9] TO CALCULATE.
- 3) TO PRINT PRESS [ALT] AND [P] TOGETHER.

Sheet1

\P /PPR{BS}A1..F20~AGPQ

A = 0.0642

B = 0.4352

C = -0.5811

D = 1.957

E = 0.1780

F = 0.6845

G = 0.6039