

# Errata

## Nodal Analysis of Oil and Gas Production Systems

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Nr.	Date	Page	Reference	Corrections (in red)
1	2017/08	276	Question 1	$N_{lv} =  v_{sl}  \sqrt[4]{\frac{\rho_l}{g\sigma_{gl}}} =  -1.66  \times \sqrt[4]{\frac{882}{9.81 \times 0.0143}} = 14.8$
2	2017/08	276	Question 1	$N_{gv} =  v_{sg}  \sqrt[4]{\frac{\rho_l}{g\sigma_{gl}}} =  -12.8  \times \sqrt[4]{\frac{882}{9.81 \times 0.0143}} = 114$
3	2017/11	Back side	“About the Author” 2 <sup>nd</sup> line from below	... for the optimization <b>and</b> of wellbore flow <b>and</b> of ...
4	2017/11	48	4 <sup>th</sup> line from above	<b>As</b> similar expression ...
5	2017/11	49	8 <sup>th</sup> line from below	... the mass balance differential <b>equation</b> (Eq. 3.3) has now ...
6	2017/12	235	Table A-2, 8 <sup>th</sup> line	<b>hector</b>
7	2018/04	40	Question 2.7	Erroneously indicated with <b>•</b> instead of with <b>2.7</b>
8	2018/04	40	Questions 2.8 – 2.12	Erroneously numbered 2.7 – 2.11 instead of <b>2.8 – 2.12</b>
9	2018/05	61	Table 3.4	Rate $q_{g,sc} -3.0 \times 10^6$ scf/D
10	2018/06	217	Equation 8.18	$H = \frac{\Delta p_{lift}}{\rho_l g} = \text{etc.}$
11	2020/06	239	Table B-1; header 2 <sup>nd</sup> column	<b>Molecular Weight <math>M_w</math> (<math>10^{-3}</math> kg/mol)</b>
12	2020/06	240	Tabel B-2; header 2 <sup>nd</sup> column	<b>Molecular Weight <math>M_w</math> (lbm / lbm · mole)</b>