

Figure 6 - Primary Log - Log Plot (using pseudo time)

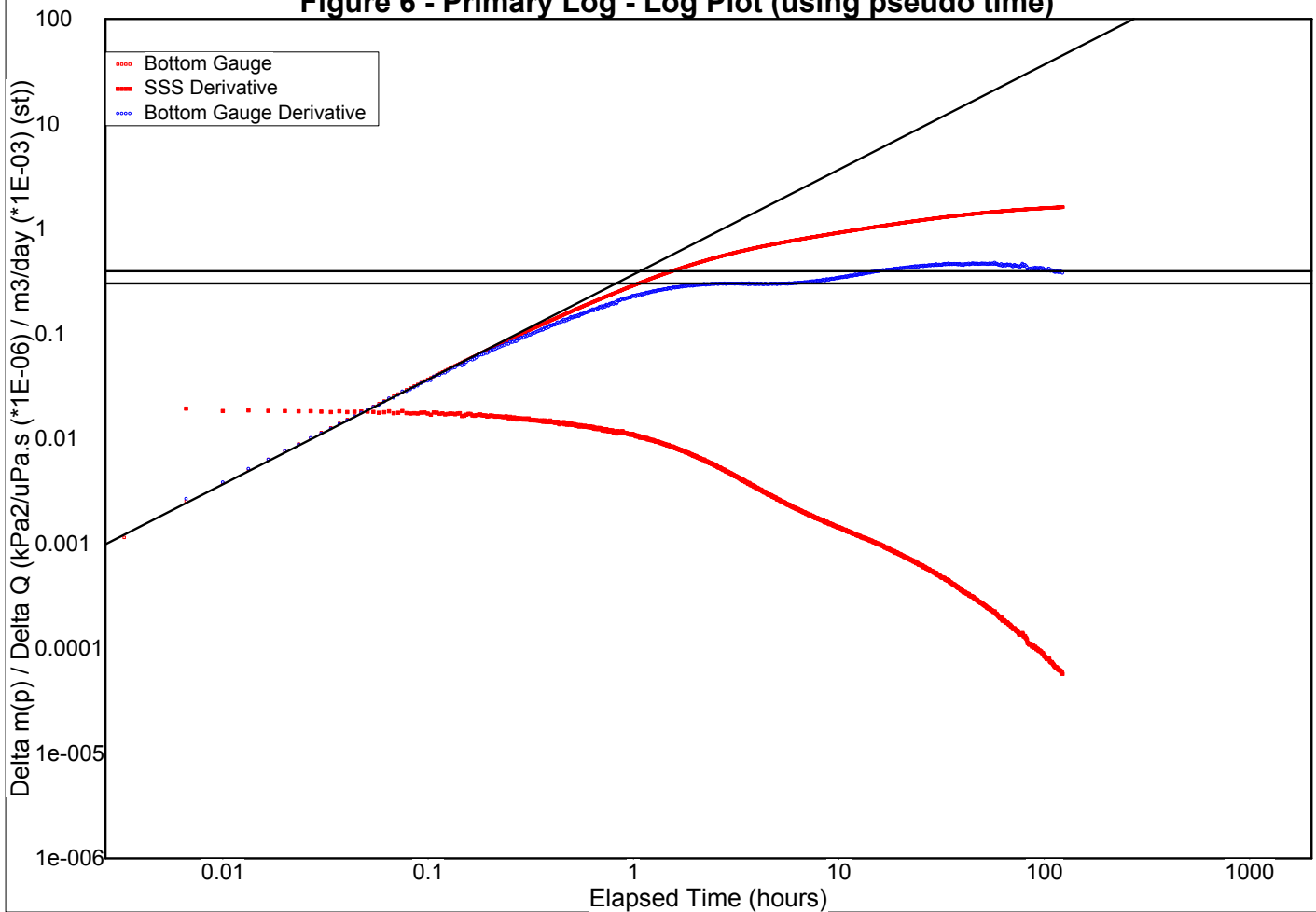


Figure 6 - Primary Log - Log Plot Line Details

Line type : Free model line

Slope : 1

Intercept : 0.366464

Coefficient of Determination : Not Used

Line type : Free model line

Slope : 0

Intercept : 0.300788

Coefficient of Determination : Not Used

	Free model line
Permeability	0.3332 md
Permeability-thickness	0.6664 md.m

Line type : Free model line

Slope : 0

Intercept : 0.392828

Coefficient of Determination : Not Used

	Free model line
Permeability	0.2551 md
Permeability-thickness	0.5103 md.m

Number of Intersections = 0

Figure 7 - Log - Log Match Plot (using pseudo time)

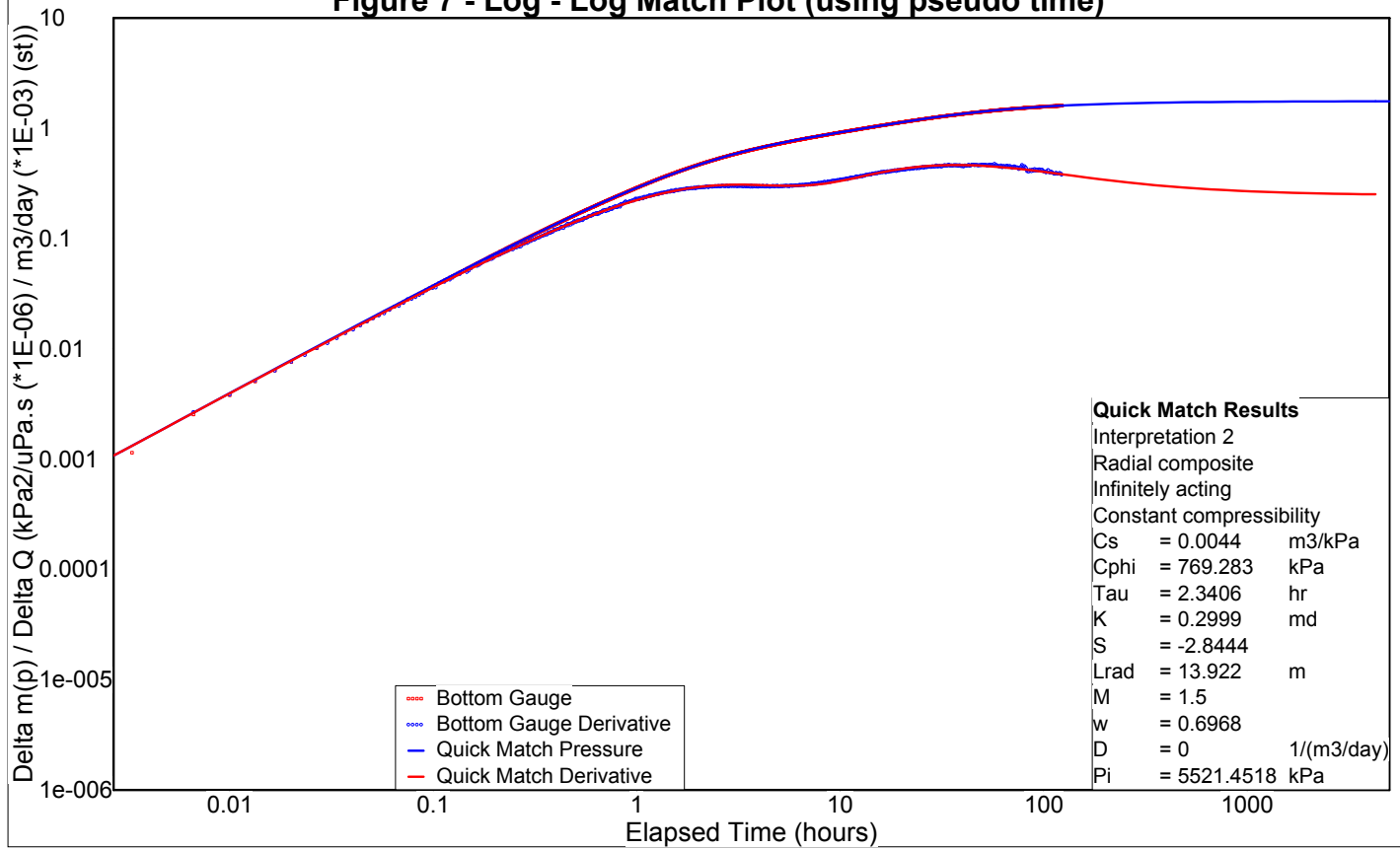


Figure 8 - Radial Flow Match Plot (using pseudo time)

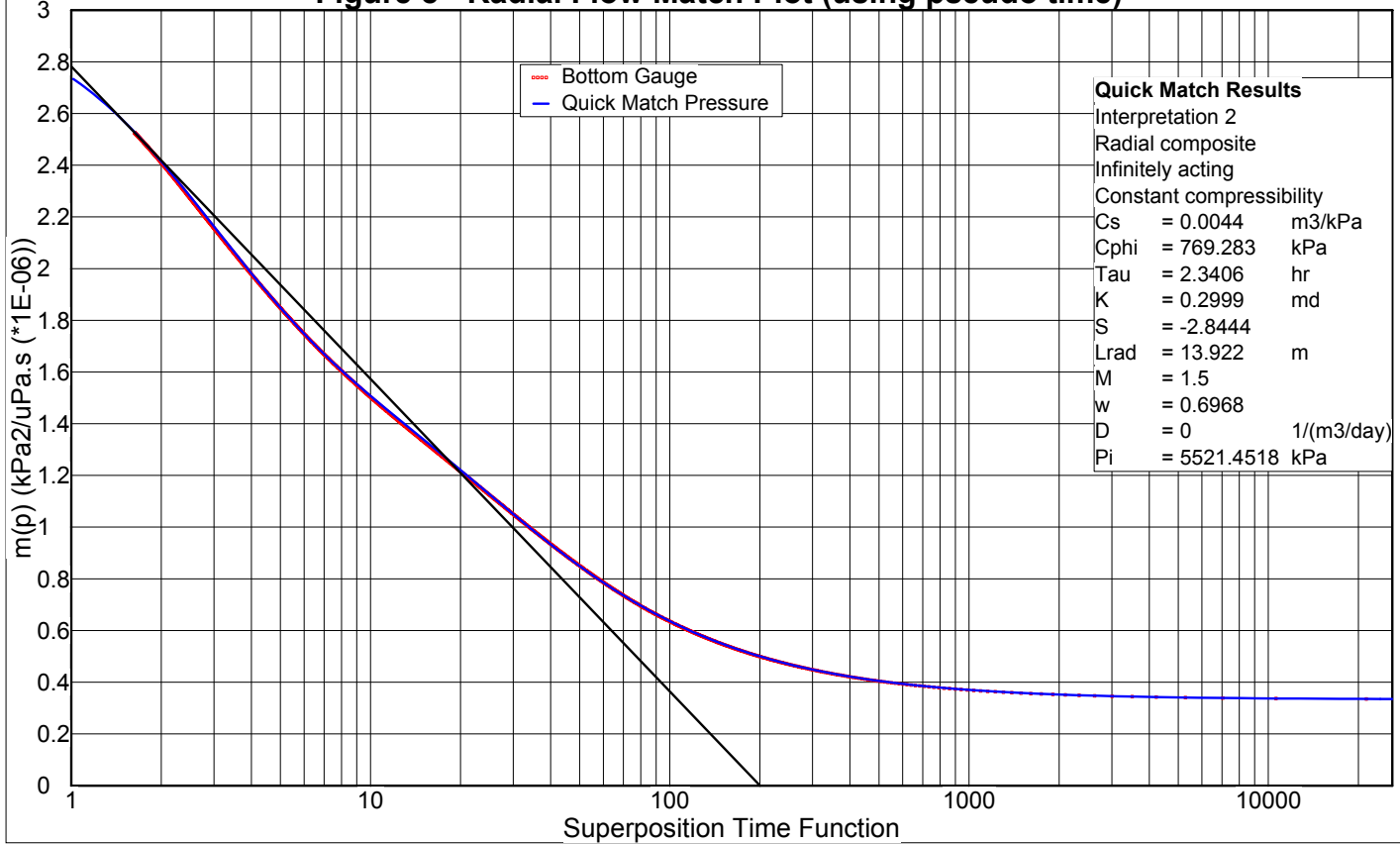


Figure 8 - Radial Flow Match Plot Line Details

Line type : Free model line

Slope : -1.20866

Intercept : 2.78175

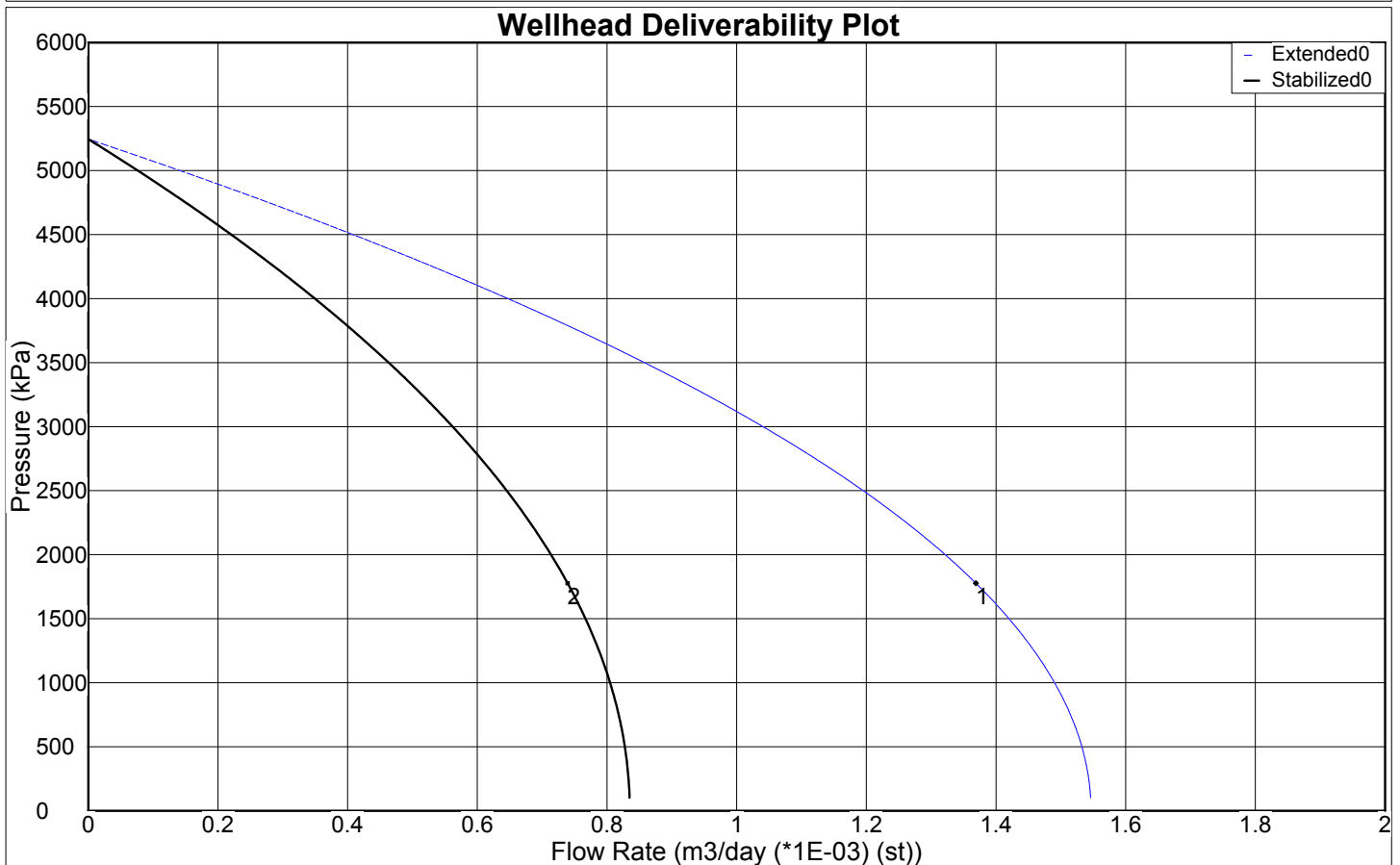
Coefficient of Determination : 0.999942

	Free model line
Permeability	0.2614 md
Skin factor	-3.1159
Total mobility	21.0996 md/mPa.s
Permeability-thickness	0.5228 md.m
dP skin (constant rate)	-1921.5160 kPa
Radius of investigation	29.2747 m
Extrapolated m(p)	2.7818 kPa2/uPa.s (*1E-06)
Extrapolated pressure	5564.7645 kPa
m(p) at dt = 1 hr	0.5416 kPa2/uPa.s (*1E-06)
Pressure at dt = 1 hour	2447.1563 kPa
Flow efficiency	2.3362

Number of Intersections = 0

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Layer 1 Deliverability Data

	Layer 1
Layer pressure	5245.0000 kPa
Dietz shape factor	31.6200
Drainage area	258.9990 ha
Permeability (Kpr):	0.2999 md
Pseudo-radial Skin (Spr):	-1.7985
C-coefficient	5.6216e-8 m3/day/kPa2(*1E-03)
n-coefficient	1.0000
Absolute open flow potential (Gas)	1.5459 m3/day (*1E-03) (st)
Stabilised Pressure	1776.9999 kPa
Stabilised Rate	0.7393 m3/day (*1E-03) (st)
Stabilised C	3.0357e-8 m3/day/kPa2(*1E-03)
Stabilised AOF	0.8348 m3/day (*1E-03) (st)
Flow capacity	0.8998 md.m
dP skin (constant rate)	0.0000 kPa
Flow efficiency	1.1297
Damage Ratio	0.8852
Radius of investigation	16.3014 m
Time to stabilisation	34591.28125 hr

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Production Forecasting Plot

