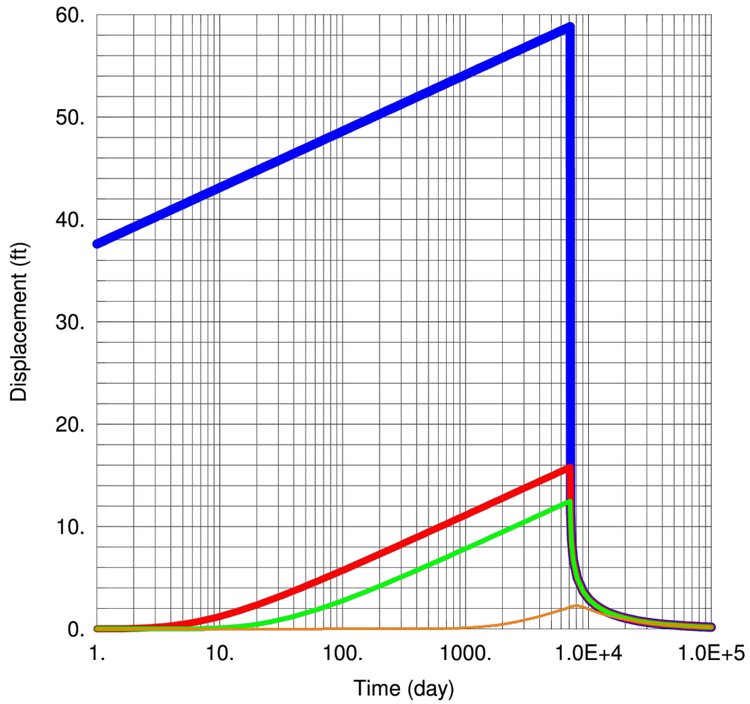


WELL TEST ANALYSIS

Data Set: H:\...\Domestic Well using B5-U Forward Projection.aqt
Date: 10/28/14 Time: 09:37:11

PROJECT INFORMATION

Company: Hydrometrics
Client: PPL
Project: 10068
Location: Ashland, MT
Test Well: B10-U

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
Office well (B5-U Paramaters)	0	0

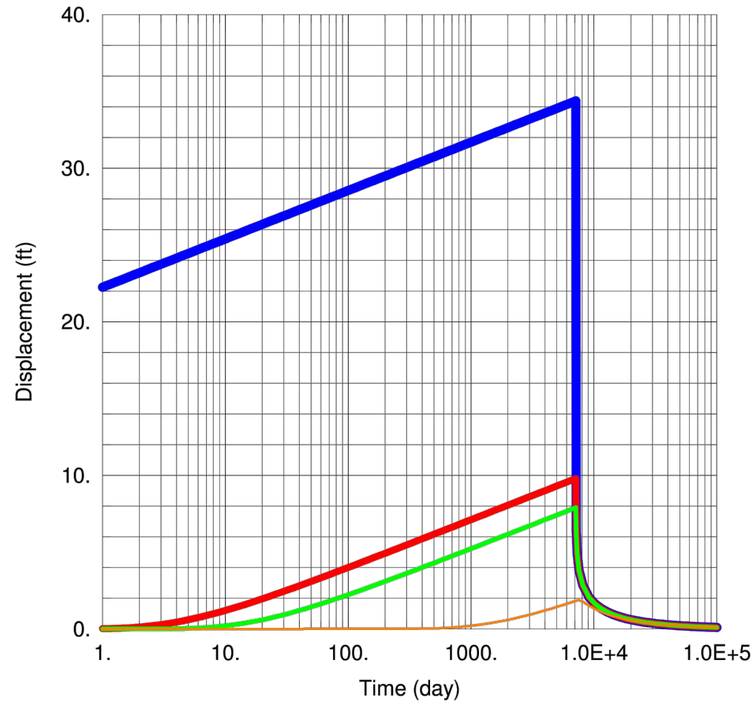
Observation Wells

Well Name	X (ft)	Y (ft)
Office well (B5-U Paramaters)	0	0
half mile	0	2640
1 Mile	0	5280
10 Mile	0	52800

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 32. ft^2/day
S = 0.0001
Kz/Kr = 0.1
b = 60. ft



WELL TEST ANALYSIS

Data Set: H:\...\Domestic Well using B10-U Forward Projection.aqt
Date: 10/28/14 Time: 09:38:03

PROJECT INFORMATION

Company: Hydrometrics
Client: PPL
Project: 10068
Location: Ashland, MT
Test Well: B10-U

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
Office well (B10-U Paramaters)	0	0

Observation Wells

Well Name	X (ft)	Y (ft)
Office well (B10-U Paramaters)	0	0
half mile	0	2640
1 Mile	0	5280
10 Mile	0	52800

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 56. ft^2/day
S = 0.0001
Kz/Kr = 0.1
b = 90. ft

OTTER CREEK MINE, PERMIT ID: C2012018
EXHIBIT 314C APPENDIX B OTTER CREEK COAL MINE
GROUNDWATER FLOW MODEL DEVELOPMENT,
CALIBRATION, AND MINE DEWATERING SIMULATION

DOMESTICE OFFICE WELL FORWARD PROJECTIONS (5 GPM)

FIGURE
6-1

UPDATE TIME: 9:30 AM
JBERGIN\BIL\20141028\I:\LAND PROJECTS\OTRCR\DWG\314C\FIGURE 6-1 DOMESTIC OFFICE WELL FORWARD PROJECTIONS (5 GPM) 2014.DWG