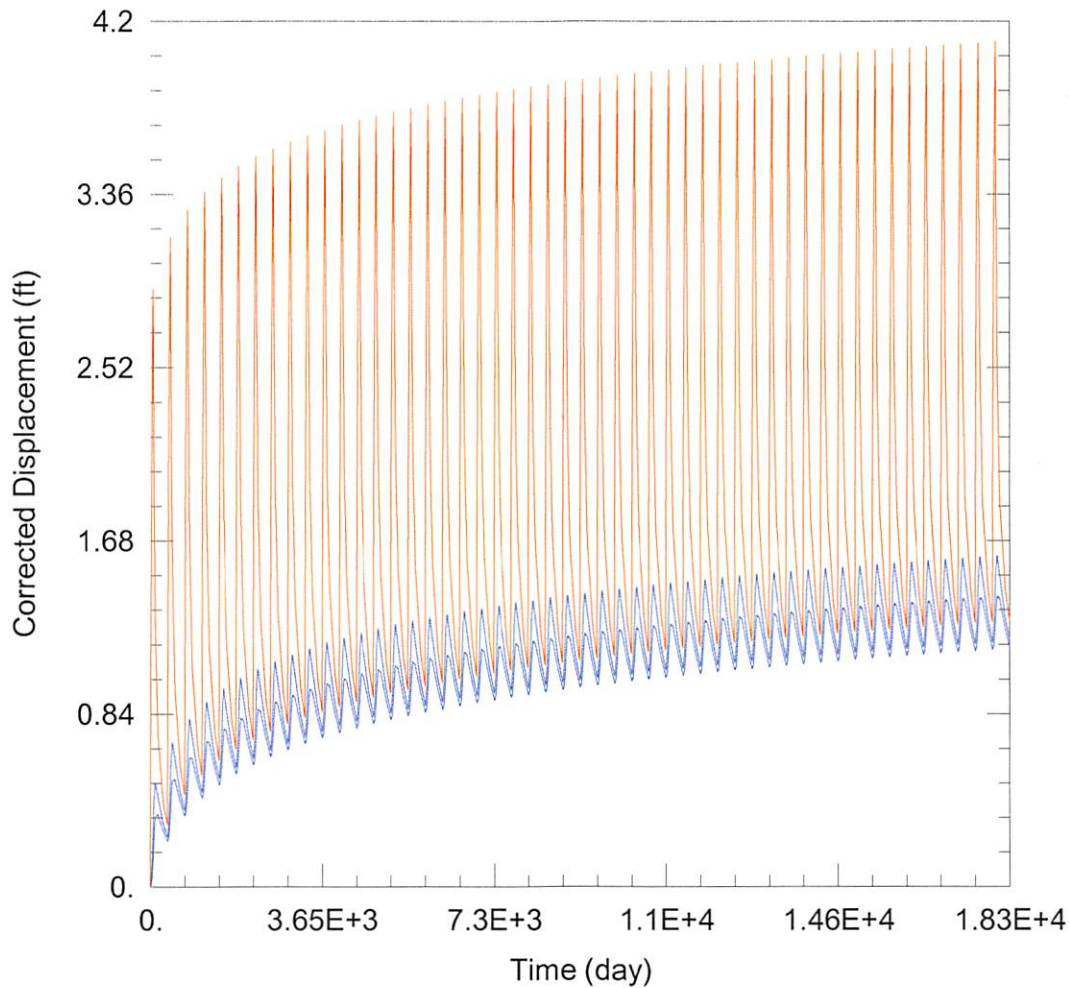


Domestic: Drawdown from current location = 1.45 ft
 Drawdown from proposed location = 4.10 ft
 Net drawdown = 2.7 ft

Net drawdown does not exceed the drawdown allowance of 4.0 ft for any well located within 1 mile of the proposed point of diversion, so no further analysis is necessary.

Conclusion:

The proposed change is unlikely to have more than a negligible effect on neighboring wells, based upon the aquifer characteristics shown in the GMD3 model and local aquifer saturated thickness. GMD3 staff recommends approval of this application.



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2019_moves\9549\9549 Proposed.aqt

Date: 11/15/19

Time: 15:36:43

PROJECT INFORMATION

Company: GMD 3

Project: 9549

Location: Stanton County

Test Well: 9549

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
9549	-223818	229228

Observation Wells

Well Name	X (ft)	Y (ft)
□	-223818	229228
□ 3353	-226573	225023
□ 3435 & 8425	-219706	228336
□ Domestic	-224321	230339

SOLUTION

Aquifer Model: Unconfined

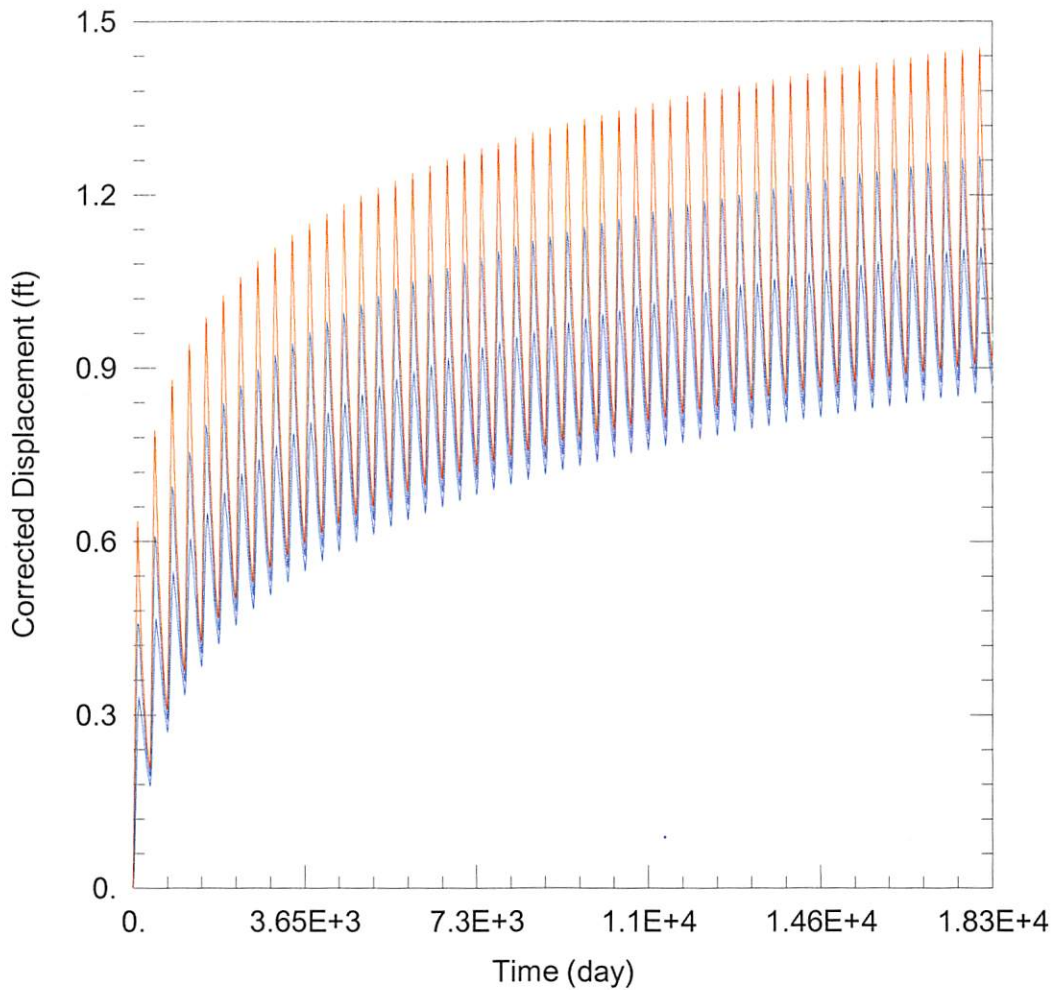
Solution Method: Theis

T = 1.097E+4 ft²/day

S = 0.1761

Kz/Kr = 1.

b = 224. ft



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2019_moves\9549\9549 Current.aqt

Date: 11/15/19

Time: 15:37:14

PROJECT INFORMATION

Company: GMD 3

Project: 9549

Location: Stanton County

Test Well: 9549

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
9549	-223962	227426

Observation Wells

Well Name	X (ft)	Y (ft)
□	-223962	227426
□ 3353	-226573	225023
□ 3435 & 8425	-219706	228336
□ Domestic	-224321	230339

SOLUTION

Aquifer Model: Unconfined

Solution Method: Theis

T = 1.097E+4 ft²/day

S = 0.1761

Kz/Kr = 1.

b = 224. ft