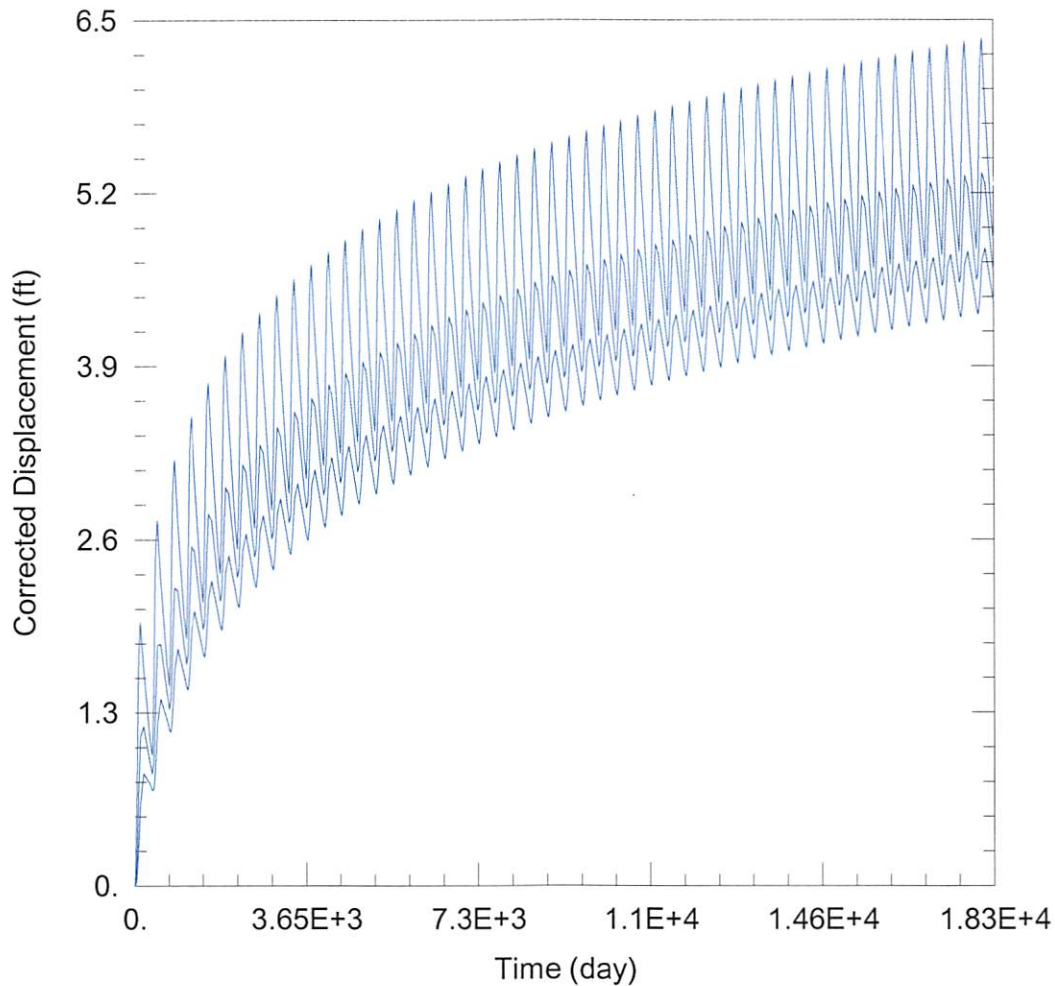


11799 ID 5: Drawdown from current location = 2.52 ft
 Drawdown from proposed location = 4.74 ft
 Net drawdown = 2.2 ft

Net drawdown does not exceed the drawdown allowance of 4.0 ft for any wells within 1 mile of the proposed location. Therefore, critical well analysis is not necessary.

Conclusion:

Based upon information from the GMD3 model, this proposal will cause minimal effects on neighboring wells, and is unlikely to create an impairment. GMD3 staff recommends approval of the application.



WELL TEST ANALYSIS

Data Set: C:\...\16495 Proposed.aqt

Date: 04/20/20

Time: 16:21:57

PROJECT INFORMATION

Company: GMD 3

Project: 16495 ID 1

Location: Meade County

Test Well: 16495 ID 1

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
16495 ID 1	46500	209208

Observation Wells

Well Name	X (ft)	Y (ft)
□	46500	209208
□ <u>16495 ID 3</u>	48786	211718
□ <u>15202 ID 5</u>	44633	205240
□ <u>11799 ID 5</u>	45565	214396

SOLUTION

Aquifer Model: Unconfined

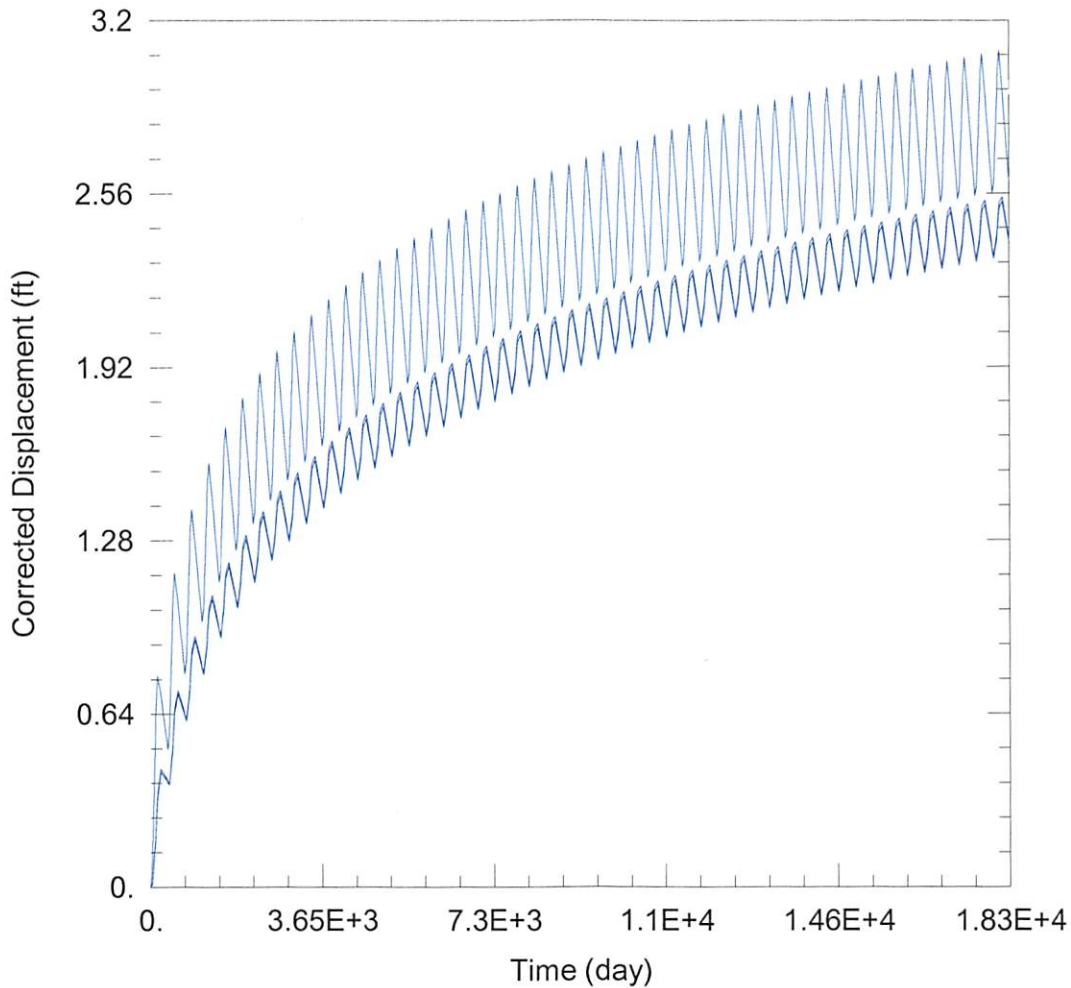
Solution Method: Theis

T = 5927.4 ft²/day

S = 0.1494

Kz/Kr = 1.

b = 185. ft



WELL TEST ANALYSIS

Data Set: C:\...\16495 Current.aqt

Date: 04/20/20

Time: 16:22:12

PROJECT INFORMATION

Company: GMD 3

Project: 16495 ID 1

Location: Meade County

Test Well: 16495 ID 1

WELL DATA

Pumping Wells

Observation Wells

Well Name	X (ft)	Y (ft)
16495 ID 1	44041	209155

Well Name	X (ft)	Y (ft)
□	44041	209155
□ 16495 ID 3	48786	211718
□ 15202 ID 5	44633	205240
□ 11799 ID 5	45565	214396

SOLUTION

Aquifer Model: Unconfined

Solution Method: Theis

T = 5927.4 ft²/day

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b = 185. ft