

13682: Drawdown from current location = 0.69 ft
Drawdown from proposed location = 2.13 ft
Net drawdown = **1.4 ft**

21994: Drawdown from current location = 1.46 ft
Drawdown from proposed location = 4.12 ft
Net drawdown = **2.7 ft**

3289: Drawdown from current location = 0.81 ft
Drawdown from proposed location = 2.43ft
Net drawdown = **1.6 ft**

21588: Drawdown from current location = 0.85 ft
Drawdown from proposed location = 2.36 ft
Net drawdown = **1.5 ft**

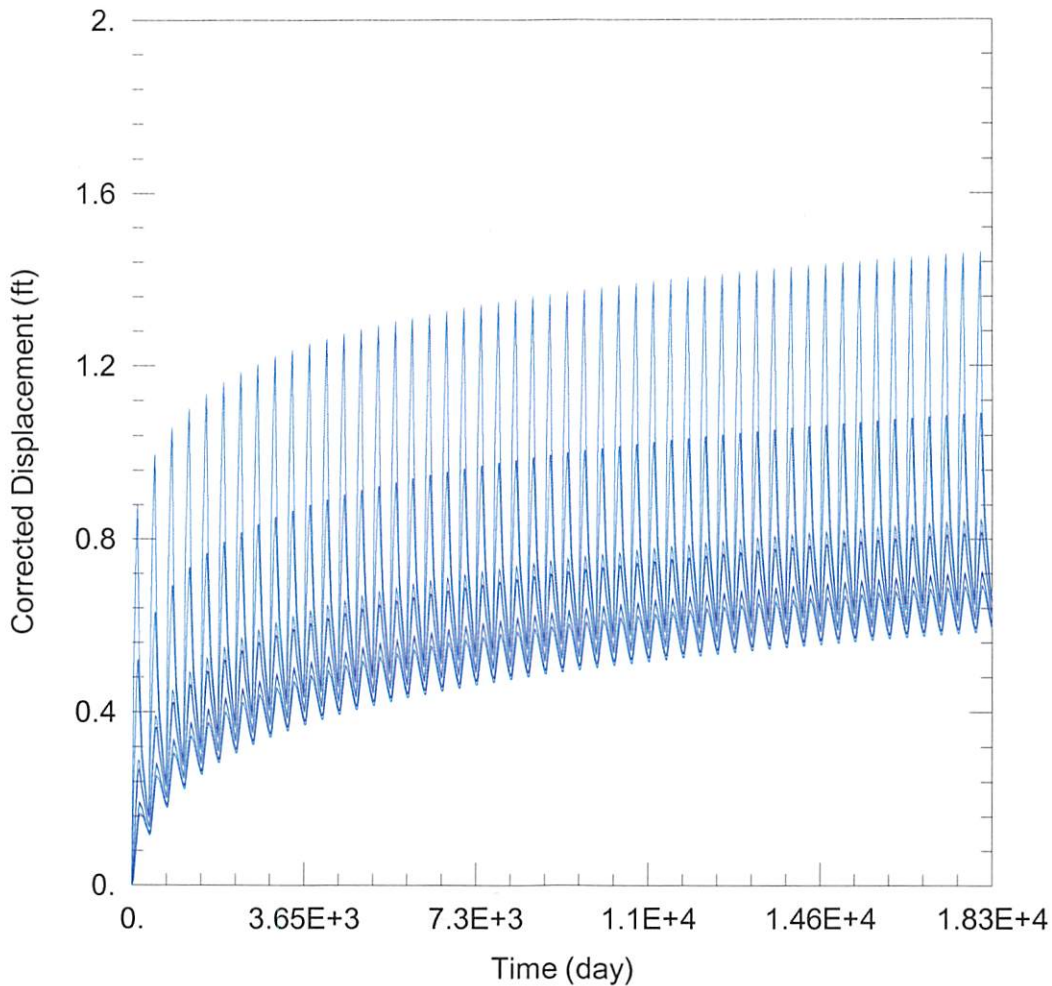
26575: Drawdown from current location = 0.73 ft
Drawdown from proposed location = 2.22 ft
Net drawdown = **1.5 ft**

Domestic 6-28-35: Drawdown from current location = 0.82 ft
Drawdown from proposed location = 2.36 ft
Net drawdown = **1.5 ft**

Net drawdown does not exceed the drawdown allowance of 3.0 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:\Users\trevora\Documents\2020_moves\16629\16629 Current.aqt
 Date: 12/28/20 Time: 14:17:55

PROJECT INFORMATION

Company: GMD 3
 Project: 16629
 Location: Grant County
 Test Well: 16629

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
16629	-119446	281392

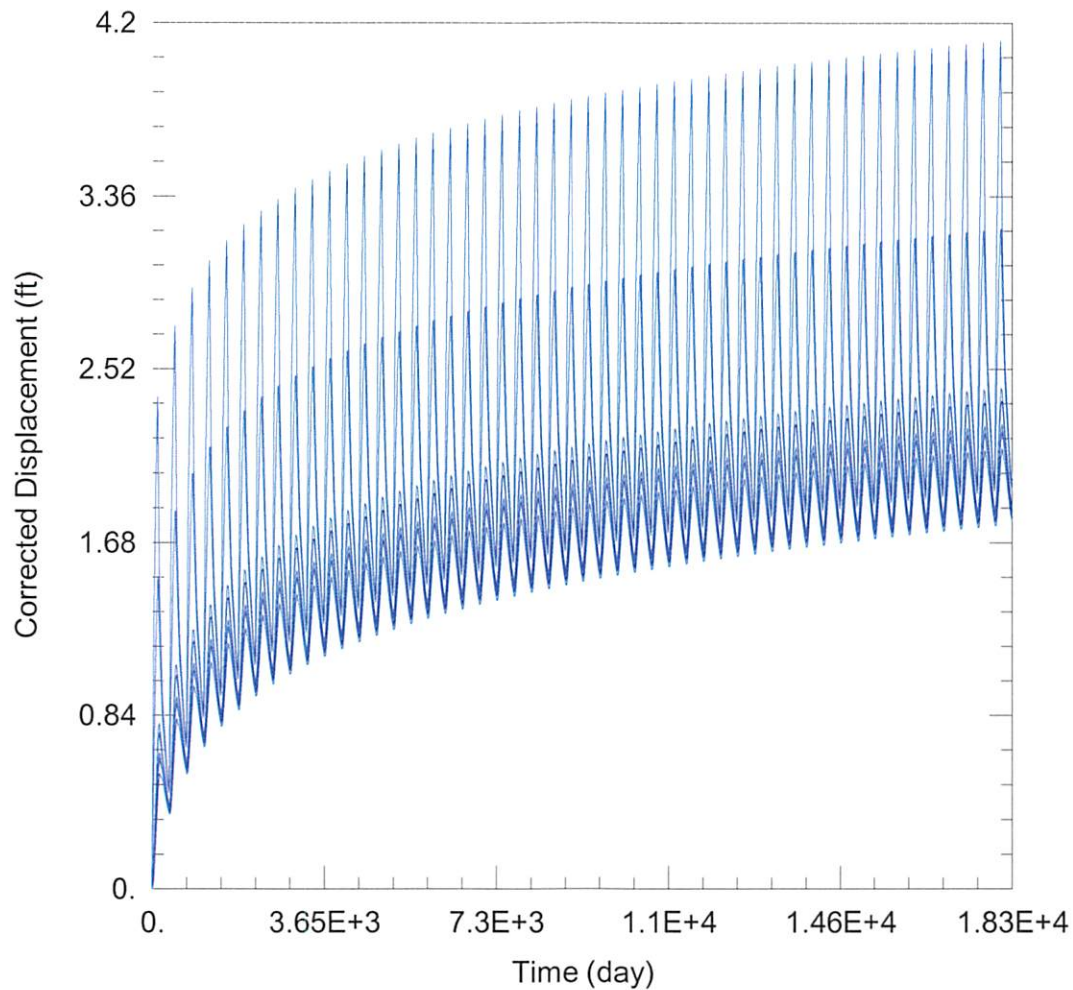
Observation Wells

Well Name	X (ft)	Y (ft)
□	-119446	281392
□ 13680	-116962	280722
□ 15408	-121184	276663
□ 13682	-116944	276658
□ 21994	-120870	282040
□ 3289	-123541	281749
□ 21588	-120854	285011
□ 26575	-124035	279450
□ Domestic 6-28-35	-115368	281736

SOLUTION

Aquifer Model: Unconfined

Solution Method: Theis



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2020_moves\16629\16629 Proposed.aqt

Date: 12/28/20

Time: 14:17:48

PROJECT INFORMATION

Company: GMD 3

Project: 16629

Location: Grant County

Test Well: 16629

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
16629	-119547	280981

Observation Wells

Well Name	X (ft)	Y (ft)
□	-119547	280981
□ 13680	-116962	280722
□ 15408	-121184	276663
□ 13682	-116944	276658
□ 21994	-120870	282040
□ 3289	-123541	281749
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SOLUTION

Aquifer Model: Unconfined

Solution Method: Theis