



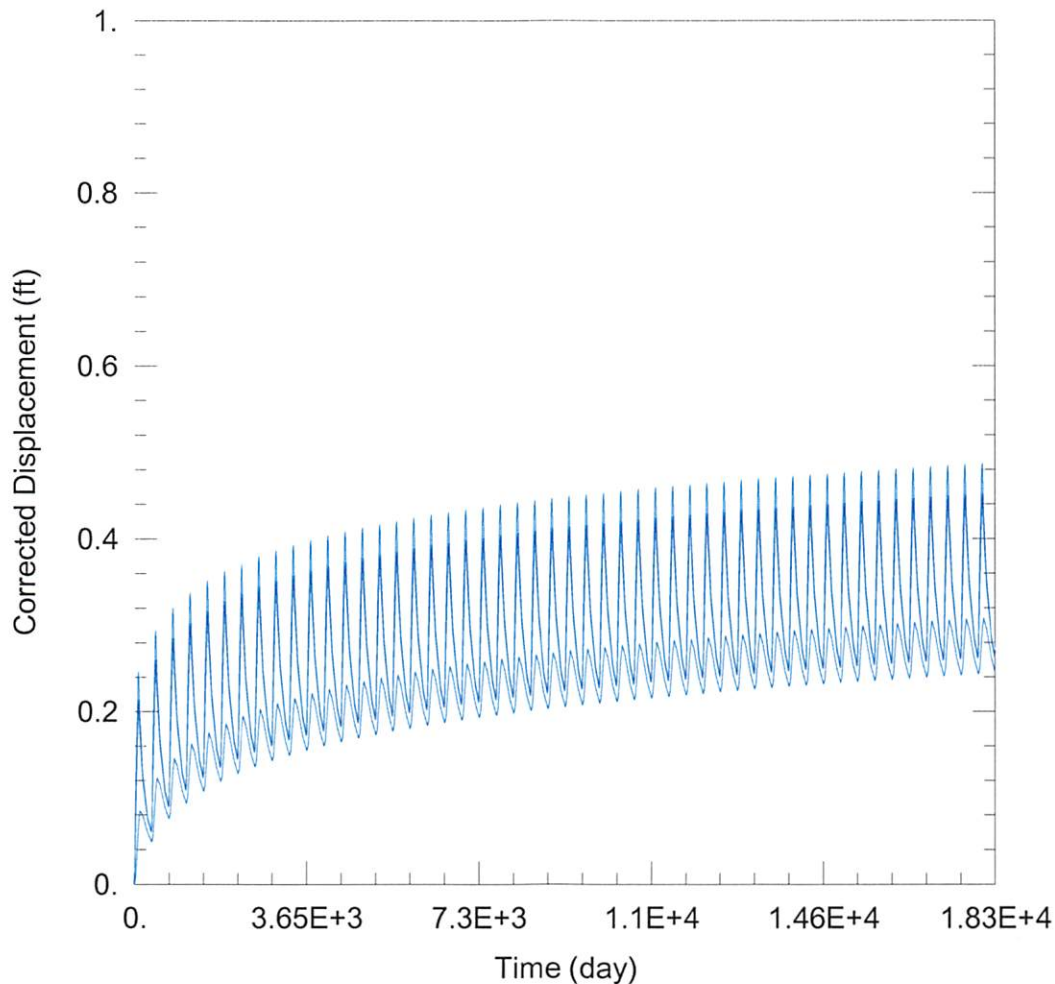
8492: Drawdown from current location = 0.49 ft  
Drawdown from proposed location = 1.64 ft  
Net drawdown = **1.2 ft**

12442: Drawdown from current location = 0.31 ft  
Drawdown from proposed location = 1.58 ft  
Net drawdown = **1.3 ft**

Net drawdown does not exceed the drawdown allowance of 3.5 ft for any well within 1 mile of the proposed location. Therefore, critical well analysis is not necessary.

**Conclusion:**

The proposed move is likely to create minimal effects on neighboring wells and appears unlikely to cause impairment. Any concerned neighbors should contact GMD3 at (620) 275-7147 or the Division of Water Resources at (620) 276-2901.



### WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2022\_moves\21329\21329 Current.aqt

Date: 06/23/22

Time: 10:28:42

### PROJECT INFORMATION

Company: GMD 3

Project: 21329

Location: Grant County

### WELL DATA

#### Pumping Wells

Well Name	X (ft)	Y (ft)
21329	-97481	246944

#### Observation Wells

Well Name	X (ft)	Y (ft)
□	-97481	246944
□ <a href="#">22303 ID2</a>	-97730	250182
□ <a href="#">22303 ID3</a>	-100082	248931
□ <a href="#">8492</a>	-94781	247991
□ <a href="#">12442</a>	-94540	242251

### SOLUTION

Aquifer Model: Unconfined

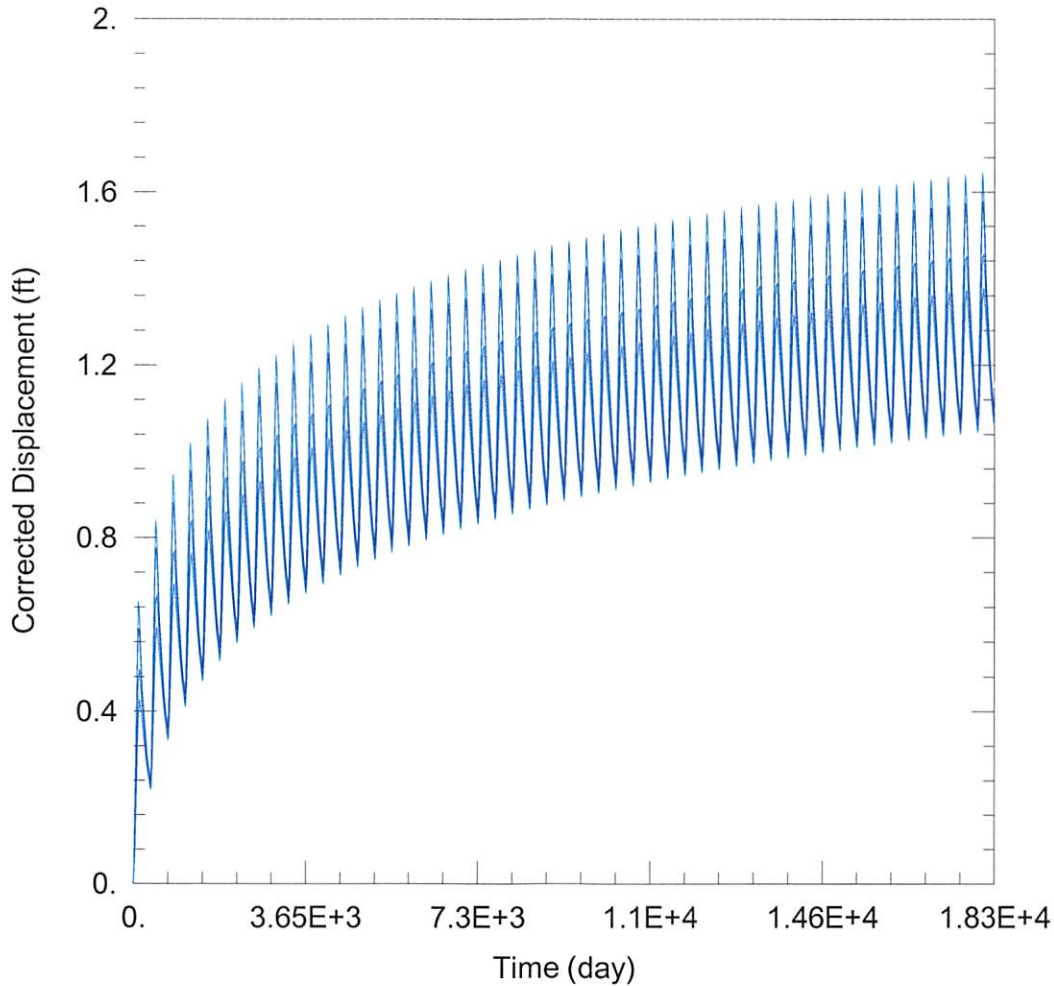
Solution Method: Theis

T = 2.508E+4 ft<sup>2</sup>/day

S = 0.2834

Kz/Kr = 1.

b = 168. ft



### WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2022\_moves\21329\21329 Proposed.aqt

Date: 06/23/22

Time: 10:28:36

### PROJECT INFORMATION

Company: GMD 3

Project: 21329

Location: Grant County

### WELL DATA

#### Pumping Wells

#### Observation Wells

Well Name	X (ft)	Y (ft)
21329	-97457	245156

Well Name	X (ft)	Y (ft)
□	-97457	245156
□ <u>22303 ID2</u>	-97730	250182
□ <u>22303 ID3</u>	-100082	248931
□ <u>8492</u>	-94781	247991
□ <u>12442</u>	-94540	242251

### SOLUTION

Aquifer Model: Unconfined

Solution Method: Theis

T = 2.508E+4 ft<sup>2</sup>/day

S = 0.2834

Kz/Kr = 1.

b = 168. ft