



22520: Drawdown from current location = 1.56 ft  
Drawdown from proposed location = 2.73 ft  
Net drawdown = **1.2 ft**

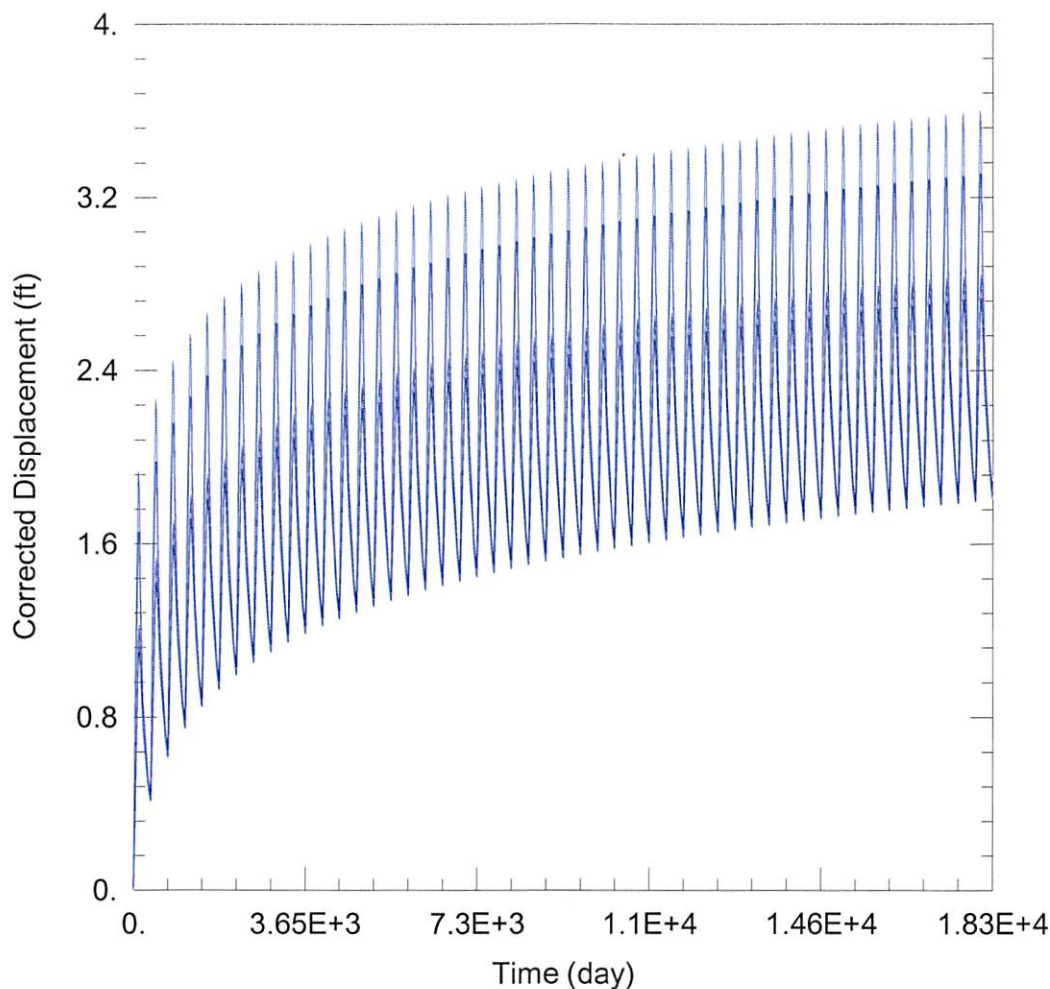
12343: Drawdown from current location = 1.40 ft  
Drawdown from proposed location = 2.82 ft  
Net drawdown = **1.4 ft**

Domestic 22-33-30: Drawdown from current location = 1.20 ft  
Drawdown from proposed location = 2.84 ft  
Net drawdown = **1.6 ft**

None of the net well effects exceed the drawdown allowance of 4.0 ft, therefore none of the neighboring wells are likely to be impaired.

**Conclusion:**

The proposed change is not likely to unreasonably contribute to an impairment situation. Therefore, GMD3 staff recommends approval of the application.



### WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2019\_moves\2955\_7661\_12343\2955 Proposed.aqt

Date: 09/23/19

Time: 15:16:48

### PROJECT INFORMATION

Company: GMD 3

Project: 2955\_7661\_12343

Location: Meade County

Test Well: 2955\_7661\_12343

### WELL DATA

#### Pumping Wells

#### Observation Wells

Well Name	X (ft)	Y (ft)
2955 & 7661 & 12343	67772	110955

Well Name	X (ft)	Y (ft)
□	67772	110955
□ <u>21261</u>	66472	113360
□ <u>16834</u>	69061	113774
□ <u>22520</u>	71646	112620
□ <u>12343</u>	71710	110151
□ <u>Domestic 22-33-30</u>	68740	107106

### SOLUTION

Aquifer Model: Unconfined

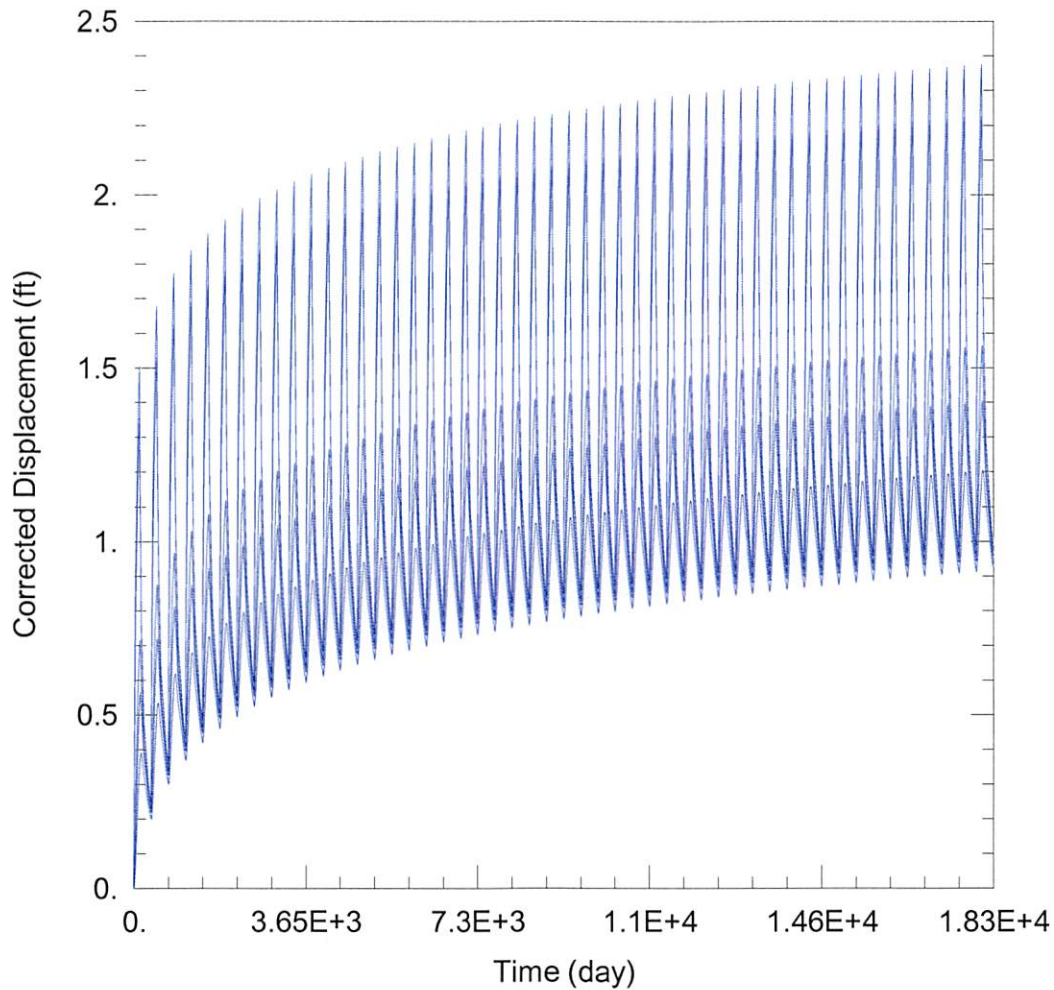
Solution Method: Theis

T = 1.26E+4 ft<sup>2</sup>/day

S = 0.1119

Kz/Kr = 1.

b = 279. ft



### WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2019\_moves\2955\_7661\_12343\2955 Current.aqt

Date: 09/23/19

Time: 15:16:58

### PROJECT INFORMATION

Company: GMD 3

Project: 2955\_7661\_12343

Location: Meade County

Test Well: 2955\_7661\_12343

### WELL DATA

#### Pumping Wells

Well Name	X (ft)	Y (ft)
2955 & 7661 & 12343	68118	112370

#### Observation Wells

Well Name	X (ft)	Y (ft)
□	68118	112370
□ 21261	66472	113360
□ 16834	69061	113774
□ 22520	71646	112620
□ 12343	71710	110151
□ Domestic 22-33-30	68740	107106

### SOLUTION

Aquifer Model: Unconfined

Solution Method: Theis

T = 1.26E+4 ft<sup>2</sup>/day

S = 0.1119

Kz/Kr = 1.

b = 279. ft