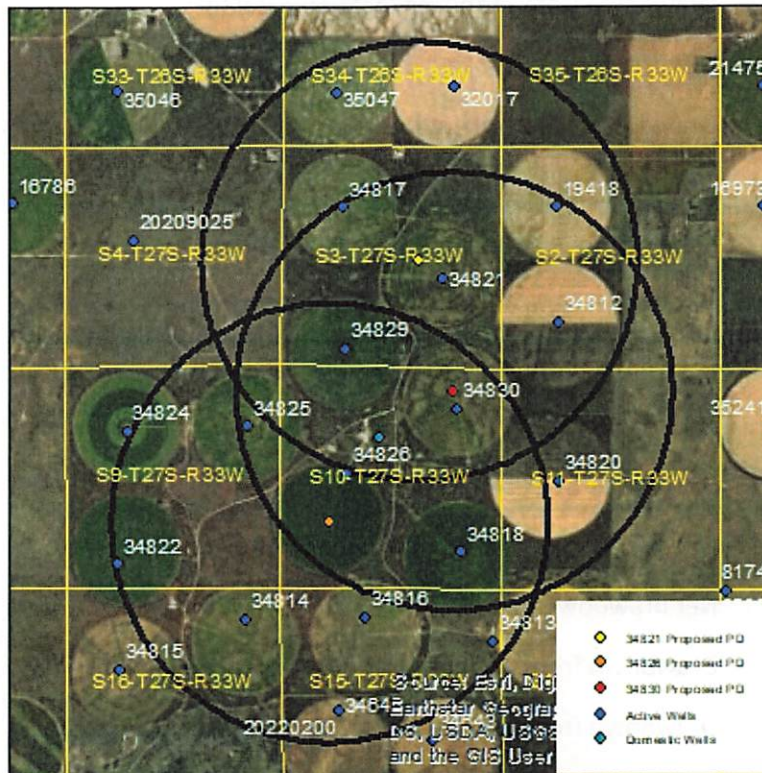


Proposed: Move water right no. 34821 to a new well location, a distance of 743 ft to the northwest. Move water right no. 34826 to a new well location, a distance of 1,262 ft to the southwest. Move water right no. 34830 to a new well location, a distance of 452 ft to the northwest.



The saturated thickness at the proposed well location is estimated to be 214 ft, based upon the GMD3 model. For saturated thickness greater than 200 ft, the drawdown allowance is 4.0 ft.

$$S = 0.1532, T = 16,042 \text{ ft}^2/\text{day},$$

34826:  $t_{p_{current}} = 155$  days,  $Q_{current} = 298$  gpm,  $t_{p_{proposed}} = 60$  days,  $Q_{proposed} = 1250$  gpm

34830:  $tp_{\text{current}} = 199$  days,  $Q_{\text{current}} = 229$  gpm,  $tp_{\text{proposed}} = 60$  days,  $Q_{\text{proposed}} = 1250$  gpm

Their drawdowns were calculated as follows:

35047: Drawdown from current location = 1.59 ft  
 Drawdown from proposed location = 2.86 ft  
 Net drawdown = **1.3 ft**

32017: Drawdown from current location = 1.63 ft  
Drawdown from proposed location = 2.93 ft  
Net drawdown = **1.3 ft**

34817: Drawdown from current location = 2.03 ft  
Drawdown from proposed location = 4.21 ft  
Net drawdown = **2.2 ft**

34829: Drawdown from current location = 2.57 ft  
Drawdown from proposed location = 5.25 ft  
Net drawdown = **2.7 ft**

19418: Drawdown from current location = 1.92 ft  
Drawdown from proposed location = 3.49 ft  
Net drawdown = **1.6 ft**

34812: Drawdown from current location = 2.25 ft  
Drawdown from proposed location = 4.20 ft  
Net drawdown = **2.0 ft**

34822: Drawdown from current location = 1.50 ft  
Drawdown from proposed location = 2.66 ft  
Net drawdown = **1.2 ft**

34825: Drawdown from current location = 2.16 ft  
Drawdown from proposed location = 3.96 ft  
Net drawdown = **1.8 ft**

34818: Drawdown from current location = 2.18 ft  
Drawdown from proposed location = 4.02 ft  
Net drawdown = **1.8 ft**

34820: Drawdown from current location = 2.12 ft  
Drawdown from proposed location = 3.69 ft  
Net drawdown = **1.6 ft**

34814: Drawdown from current location = 1.71 ft  
Drawdown from proposed location = 3.35 ft  
Net drawdown = **1.6 ft**

34642: Drawdown from current location = 1.55 ft  
Drawdown from proposed location = 2.80 ft  
Net drawdown = **1.2 ft**

34816: Drawdown from current location = 1.92 ft  
Drawdown from proposed location = 3.88 ft  
Net drawdown = **2.0 ft**

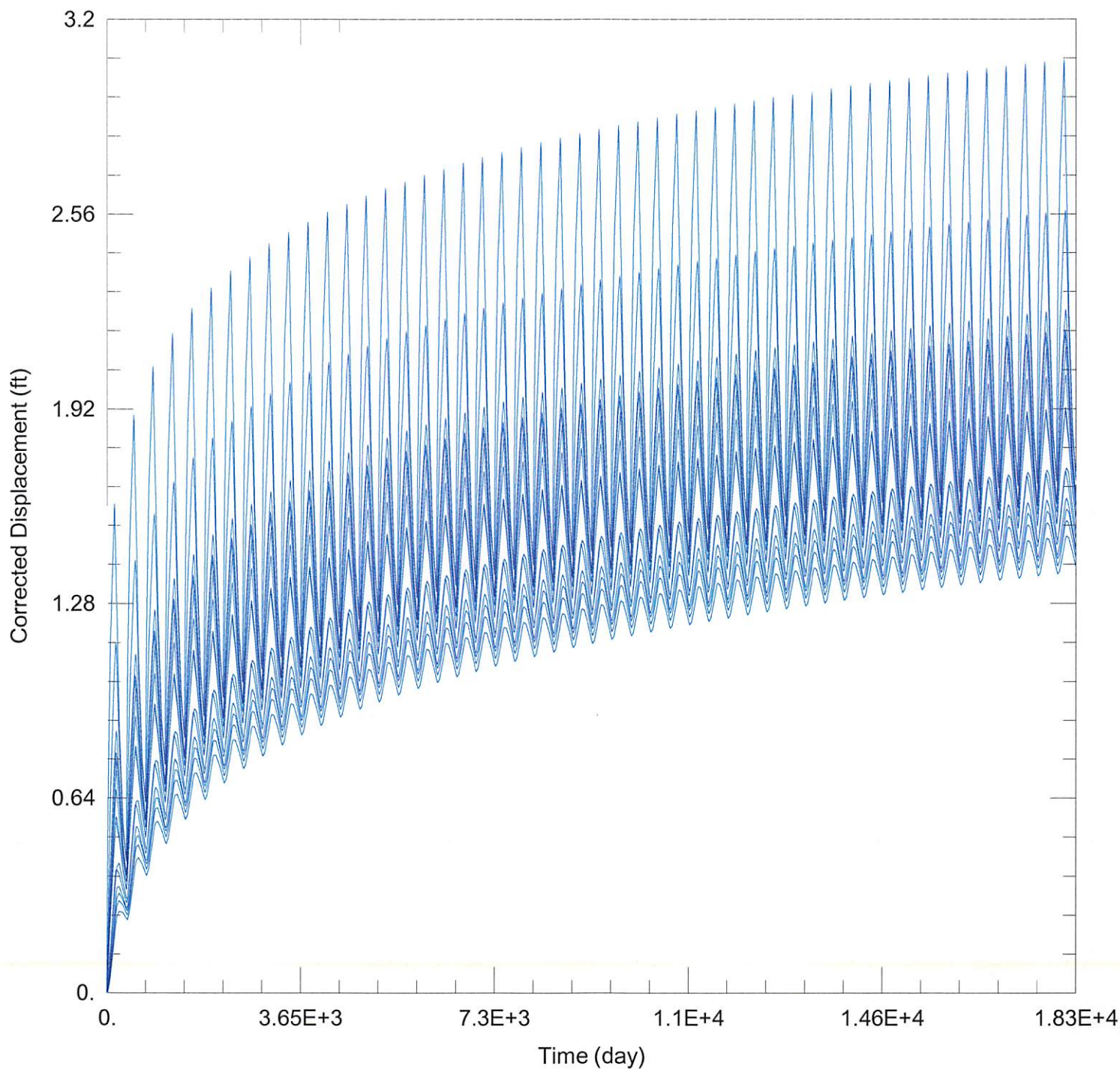
34813: Drawdown from current location = 7.12 ft  
Drawdown from proposed location = 3.01 ft  
Net drawdown = **1.3 ft**

Domestic 10-27-33: Drawdown from current location = 3.07 ft  
Drawdown from proposed location = 5.84 ft  
Net drawdown = **2.8 ft**

Net drawdown does not exceed the drawdown allowance of 4.0 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\2023\_moves\34821\_34826\_34830\34821+ Current.aqt

Date: 04/11/23

Time: 14:49:38

### PROJECT INFORMATION

Company: GMD 3

Project: 34821 & 34826 & 34830

Location: Haskell County

### WELL DATA

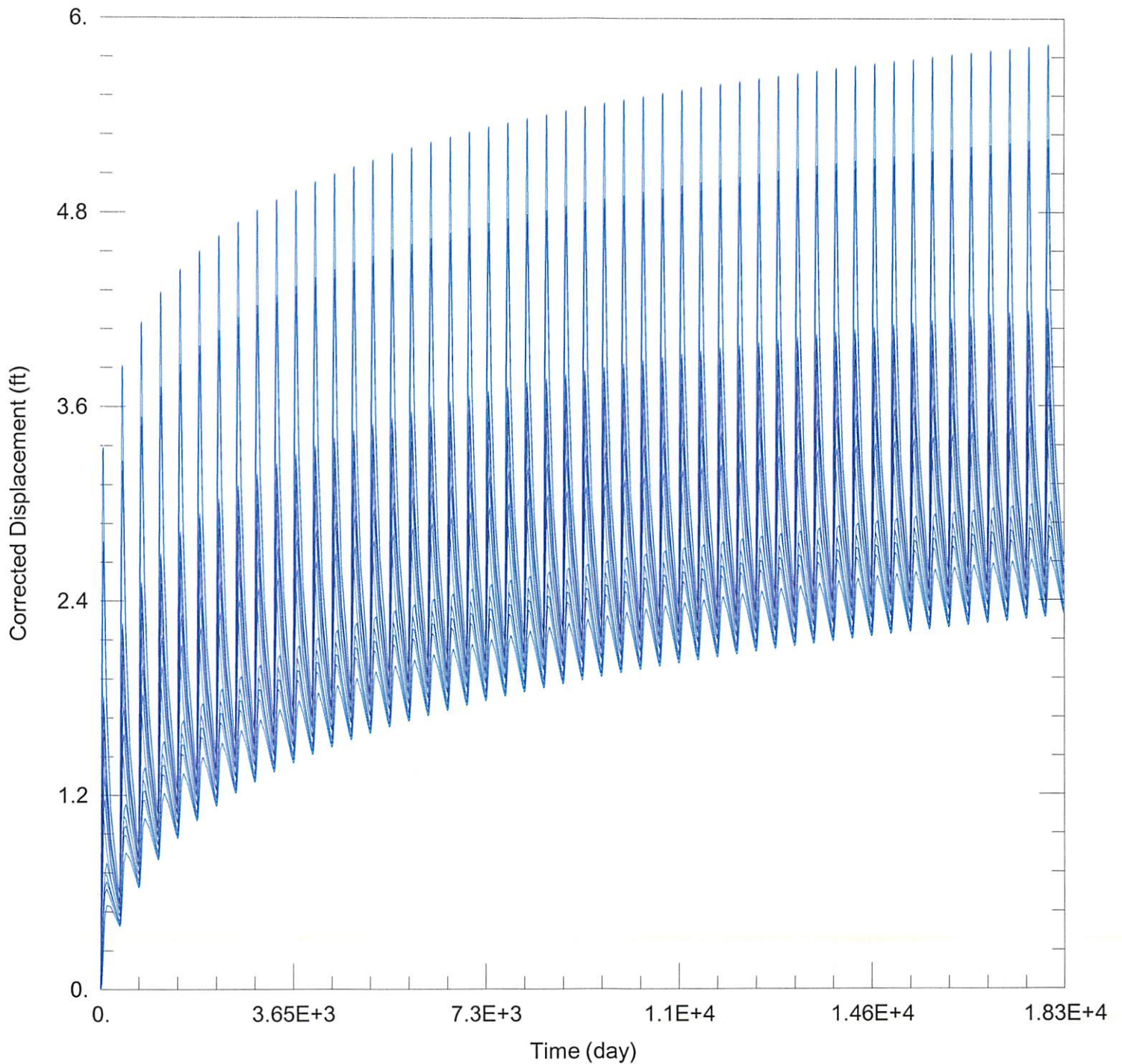
#### Pumping Wells

Well Name	X (ft)	Y (ft)
34821	-32611	310634

#### Observation Wells

Well Name	X (ft)	Y (ft)
□	-32611	310634





### WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2023\_moves\34821\_34826\_34830\34821+ Proposed.aqt

Date: 04/11/23

Time: 14:49:29

### PROJECT INFORMATION

Company: GMD 3

Project: 34821 & 34826 & 34830

Location: Haskell County

### WELL DATA

#### Pumping Wells

Well Name	X (ft)	Y (ft)
34821	-33218	311064
34826	-33218	311064
34830	-33218	311064

#### Observation Wells

Well Name	X (ft)	Y (ft)
□	-33218	311064
□	-33218	311064
□	-33218	311064