

18902: Drawdown from current location = 2.66 ft
Drawdown from proposed location = 3.52 ft
Net drawdown = **0.9 ft**

21381: Drawdown from current location = 2.48 ft
Drawdown from proposed location = 2.90 ft
Net drawdown = **0.4 ft**

13879: Drawdown from current location = 3.43 ft
Drawdown from proposed location = 3.69 ft
Net drawdown = **0.3 ft**

24069: Drawdown from current location = 2.42 ft
Drawdown from proposed location = 2.52 ft
Net drawdown = **0.1 ft**

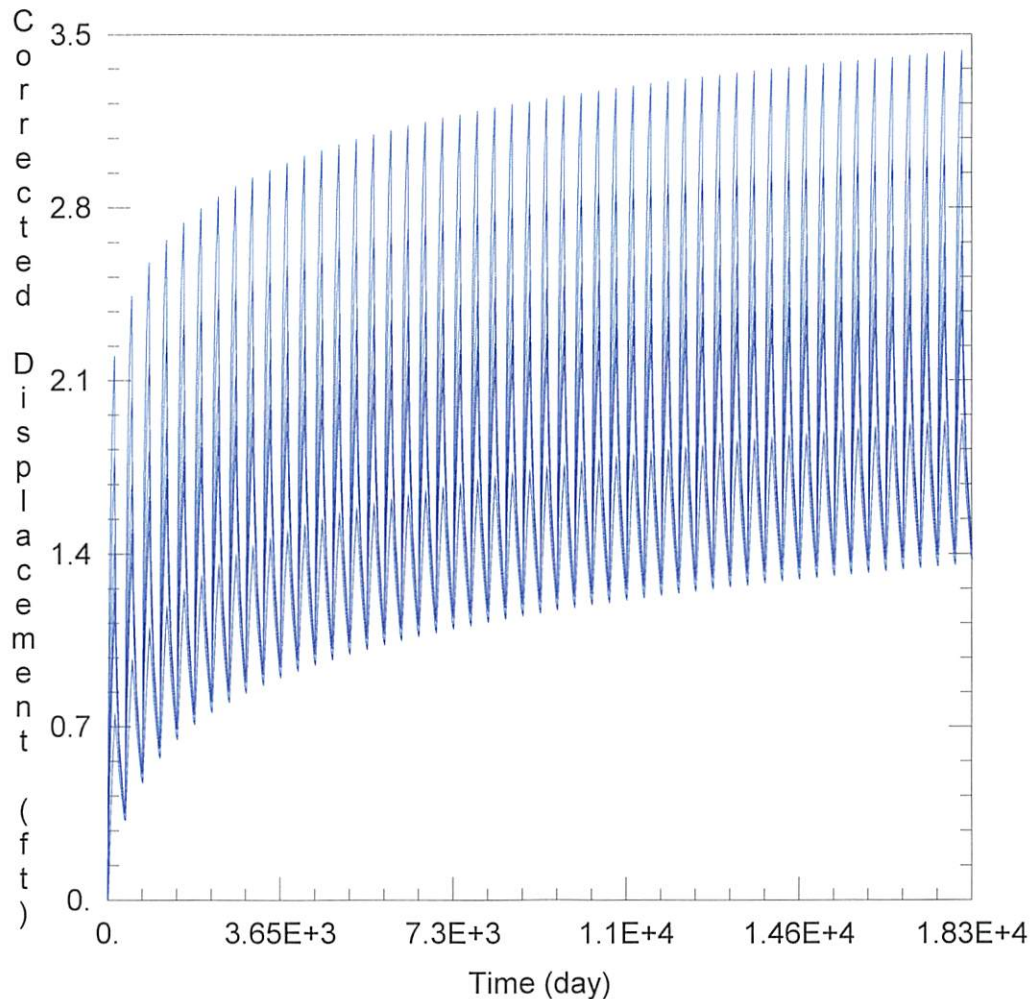
Domestic 34-25-31: Drawdown from current location = 2.34 ft
Drawdown from proposed location = 3.76 ft
Net drawdown = **1.4 ft**

Domestic 5-26-31: Drawdown from current location = 1.94 ft
Drawdown from proposed location = 2.33 ft
Net drawdown = **0.4 ft**

Net drawdown does not exceed the drawdown allowance of 2.0 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\2024_moves\20057\20057 Current.aqt
 Date: 07/09/24 Time: 14:43:17

PROJECT INFORMATION

Company: GMD 3
 Project: 20057
 Location: Finney County

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
20057	24354	348701

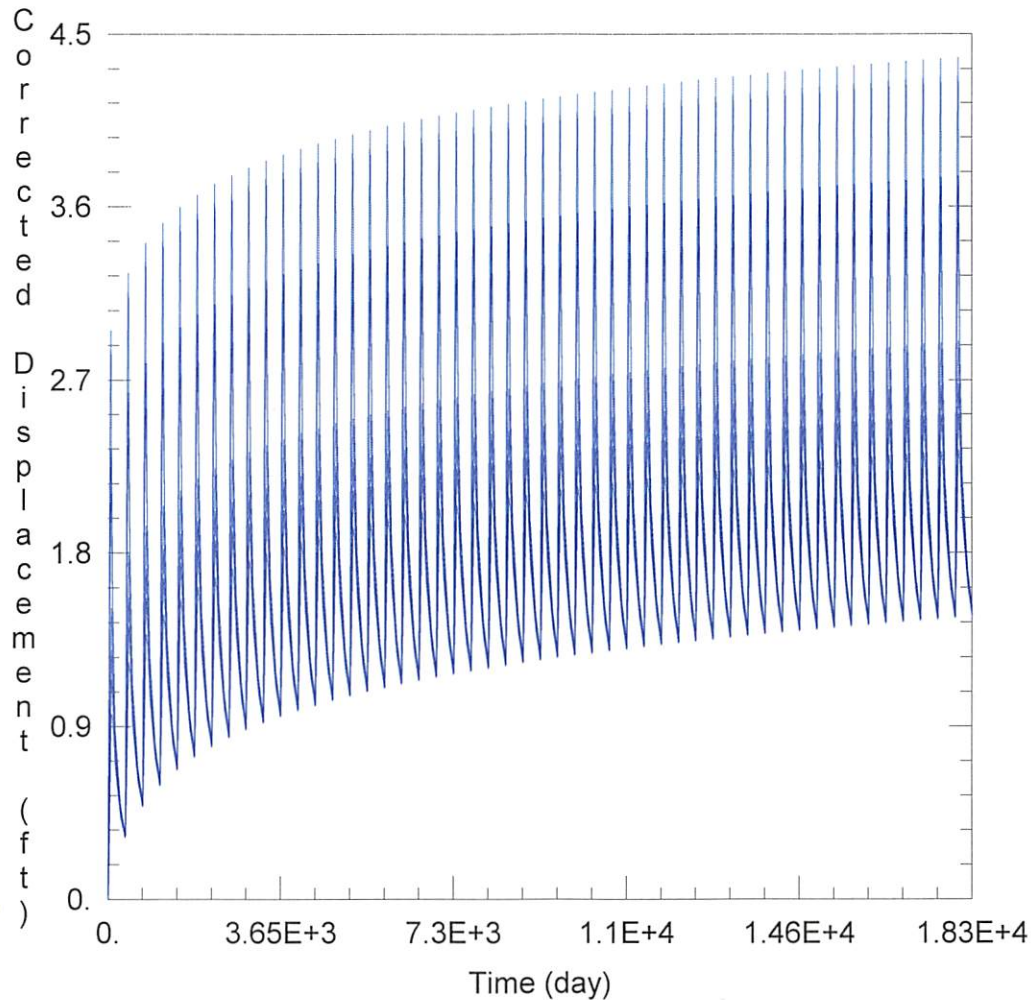
Observation Wells

Well Name	X (ft)	Y (ft)
□	24354	348701
□ 27067 ID3	19147	348715
□ 27067 ID6	22458	347546
□ 18902	26380	350721
□ 21381	22976	345736
□ 13879	24795	347103
□ 24069	27163	346763
□ Domestic 34-25-31	24680	352309
□ Domestic 5-26-31	20309	345620

SOLUTION

Aquifer Model: Unconfined
 $T = 7260 \text{ ft}^2/\text{day}$

Solution Method: Theis
 $S = 0.045$



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2024_moves\20057\20057 Proposed.aqt
 Date: 07/09/24 Time: 14:43:11

PROJECT INFORMATION

Company: GMD 3
 Project: 20057
 Location: Finney County

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
20057	23456	349710

Observation Wells

Well Name	X (ft)	Y (ft)
□	23456	349710
□ 27067 ID3	19147	348715
□ 27067 ID6	22458	347546
□ 18902	26380	350721
□ 21381	22976	345736
□ 13879	24795	347103
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□ Domestic 34-25-31	24680	352309
□ Domestic 5-26-31	20309	345620

SOLUTION

Aquifer Model: Unconfined
 T = 7260. ft²/day

Solution Method: Theis
 S = 0.045