

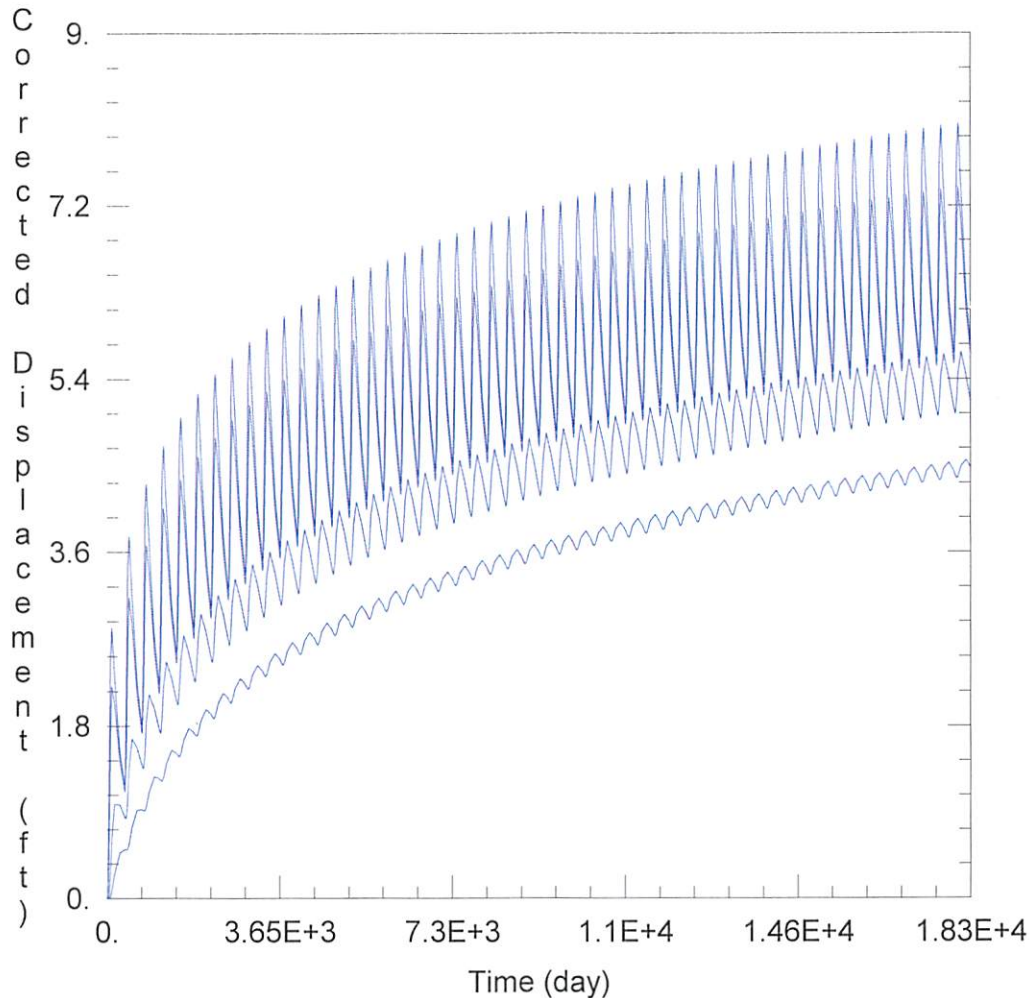
28646: Drawdown from current location = 3.80 ft
Drawdown from proposed location = 5.68 ft
Net drawdown = **1.9 ft**

30085: Drawdown from current location = 3.57 ft
Drawdown from proposed location = 7.39 ft
Net drawdown = **3.8 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\scanstation\Documents\move requests\896\896 proposed.aqt

Date: 05/15/24

Time: 14:30:52

PROJECT INFORMATION

Project: 896

Location: Hamilton County

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
896	-344488	354211

Observation Wells

Well Name	X (ft)	Y (ft)
□	-344488	354211
□ 15594	-349676	354166
□ 23763	-346652	354203
□ 28646	-346943	351516
□ 30085	-342664	352579

SOLUTION

Aquifer Model: Unconfined

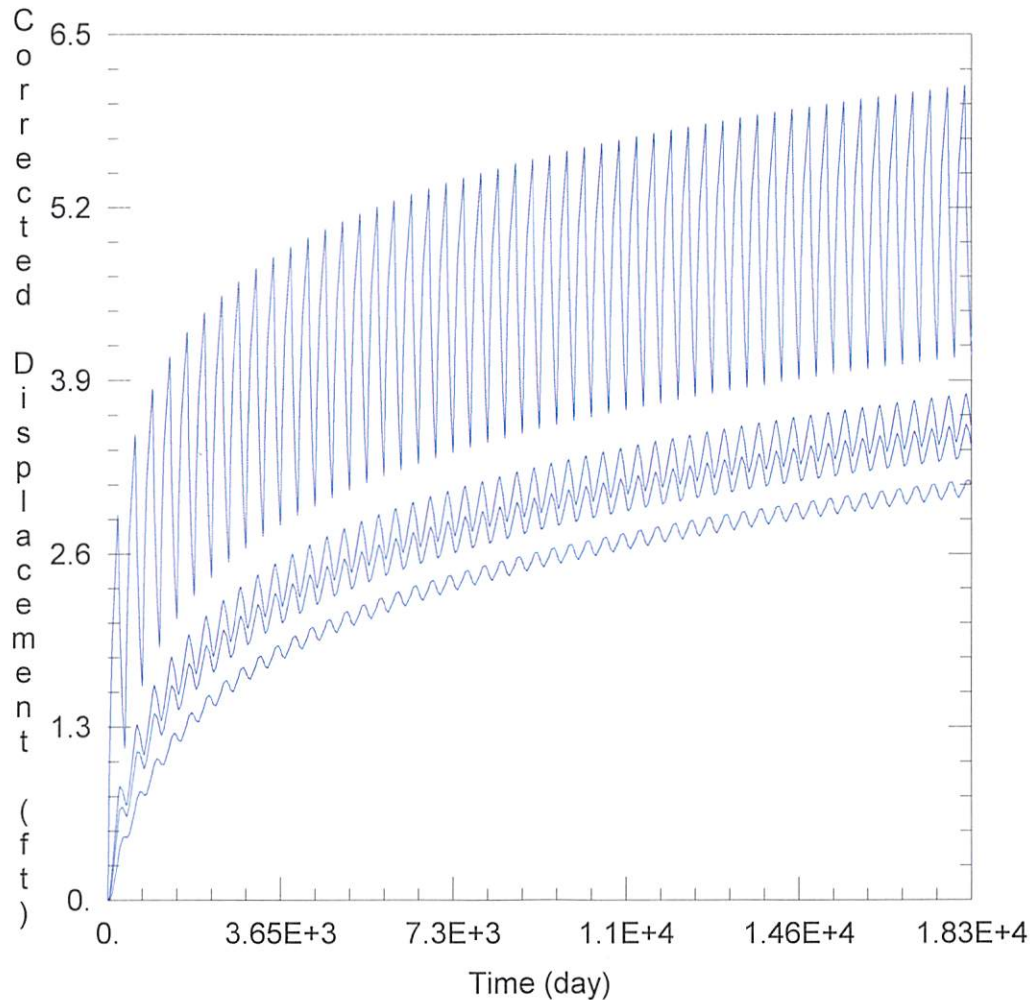
Solution Method: Theis

T = 2314.5 ft²/day

S = 0.1188

Kz/Kr = 1.

b = 431. ft



WELL TEST ANALYSIS

Data Set: C:\Users\scanstation\Documents\move requests\896\896 current.aqt

Date: 05/15/24

Time: 14:31:01

PROJECT INFORMATION

Project: 896

Location: Hamilton County

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
896	-345579	354109

Observation Wells

Well Name	X (ft)	Y (ft)
□	-345579	354109
□ 15594	-349676	354166
□ 23763	-346652	354203
□ 28646	-346943	351516
□ 30085	-342664	352579

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