

45325: Drawdown from current location = 3.43 ft
Drawdown from proposed location = 6.62 ft
Net drawdown: 3.2

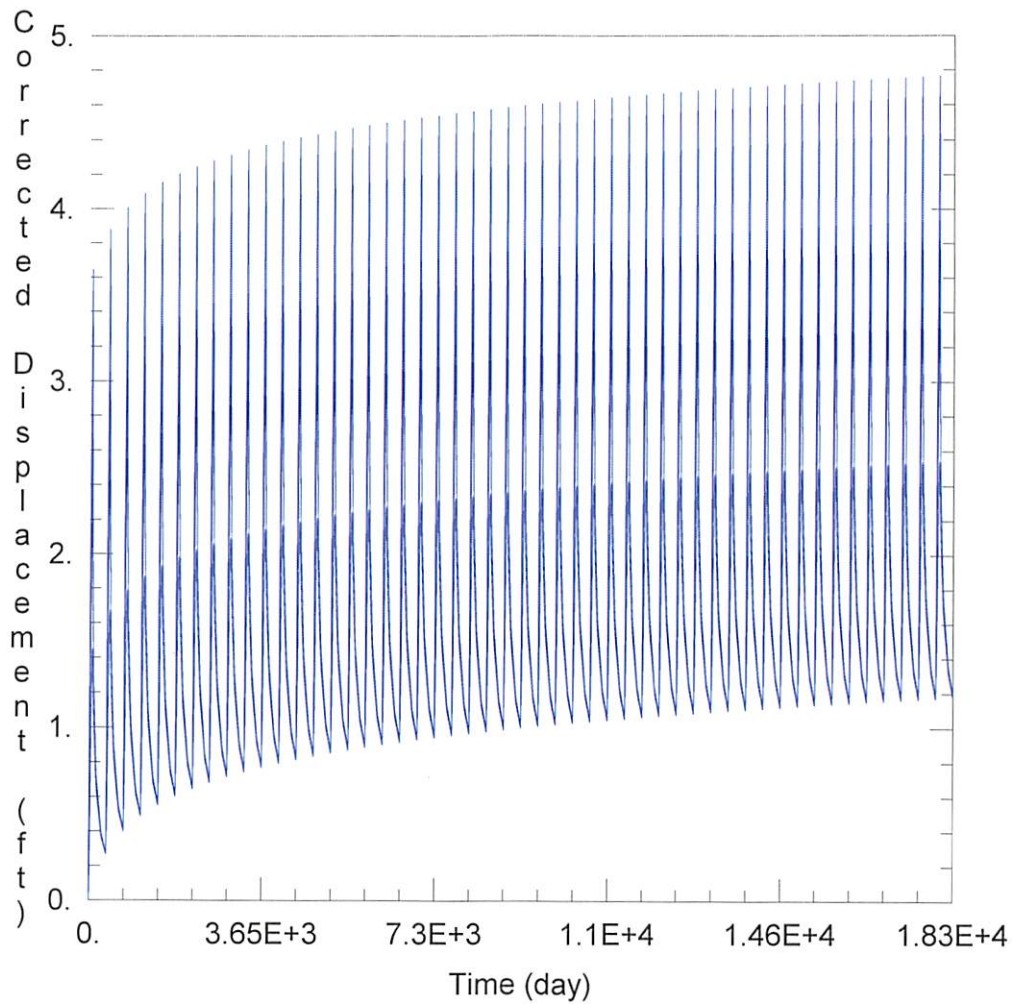
Domestic 1: Drawdown from current location = 2.49 ft
Drawdown from proposed location = 4.78 ft
Net drawdown = 2.3 ft

Domestic 2: Drawdown from current location = 4.78 ft
Drawdown from proposed location = 7.40 ft
Net drawdown = 2.6 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\45495\44914 & 45495 current.aqt
 Date: 11/25/24 Time: 14:58:01

PROJECT INFORMATION

Test Well: 44914 & 45495

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
44914 & 45495	-157660	51213

Observation Wells

Well Name	X (ft)	Y (ft)
□	-157660	51213
□ 45725	-159960	52421
□ 45763	-155100	54817
□ 45325	-154763	52322
□ Domestic 1	-153885	53762
□ Domestic 2	-157953	49277

SOLUTION

Aquifer Model: Unconfined

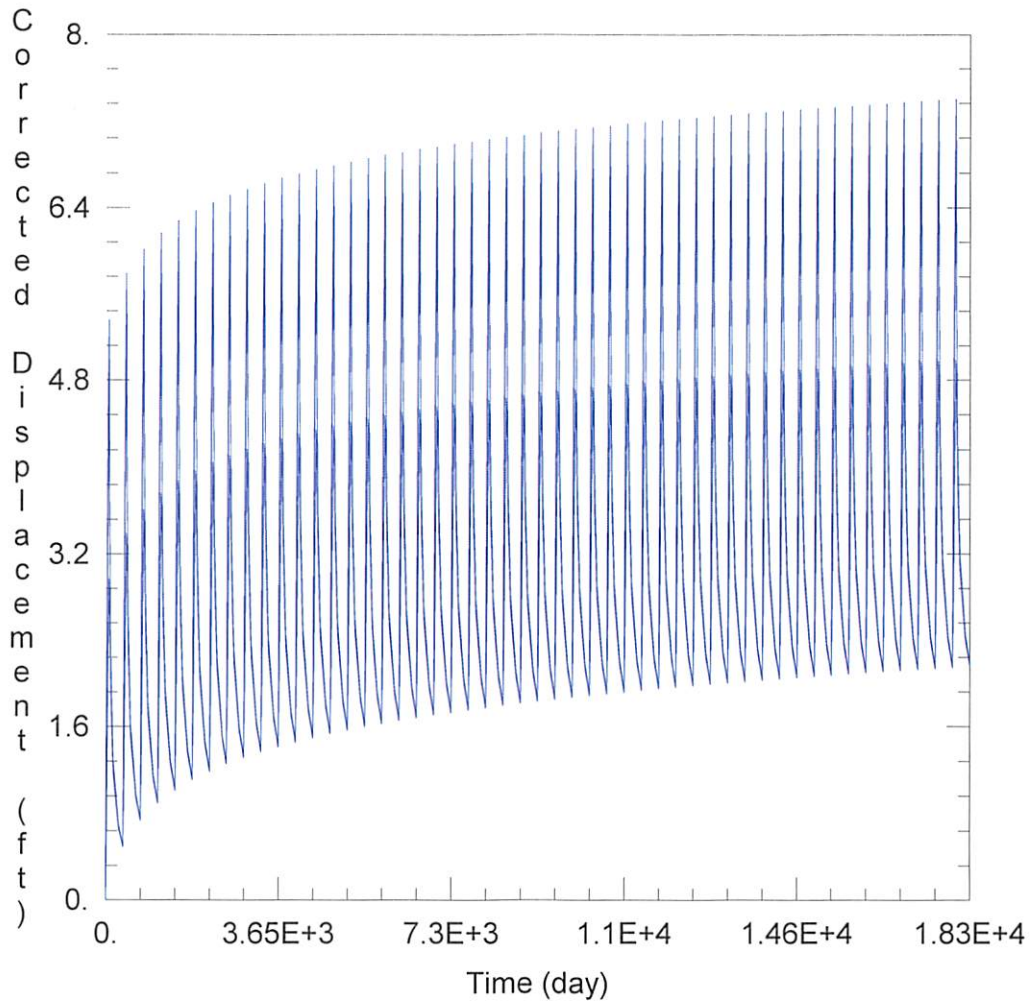
Solution Method: Theis

T = 9576.6 ft²/day

S = 0.036

Kz/Kr = 1.

b = 390.6 ft



WELL TEST ANALYSIS

Data Set: C:\Users\scanstation\Documents\move requests\45495\44914 & 45495 proposed.aqt
 Date: 11/25/24 Time: 14:58:07

PROJECT INFORMATION

Test Well: 44914 & 45495

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
44914 & 45495	-157477	51623

Observation Wells

Well Name	X (ft)	Y (ft)
□	-157477	51623
□ 45725	-159960	52421
□ 45763	-155100	54817
□ 45325	-154763	52322
□ Domestic 1	-153885	53762
□ Domestic 2	-157953	49277

SOLUTION

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