

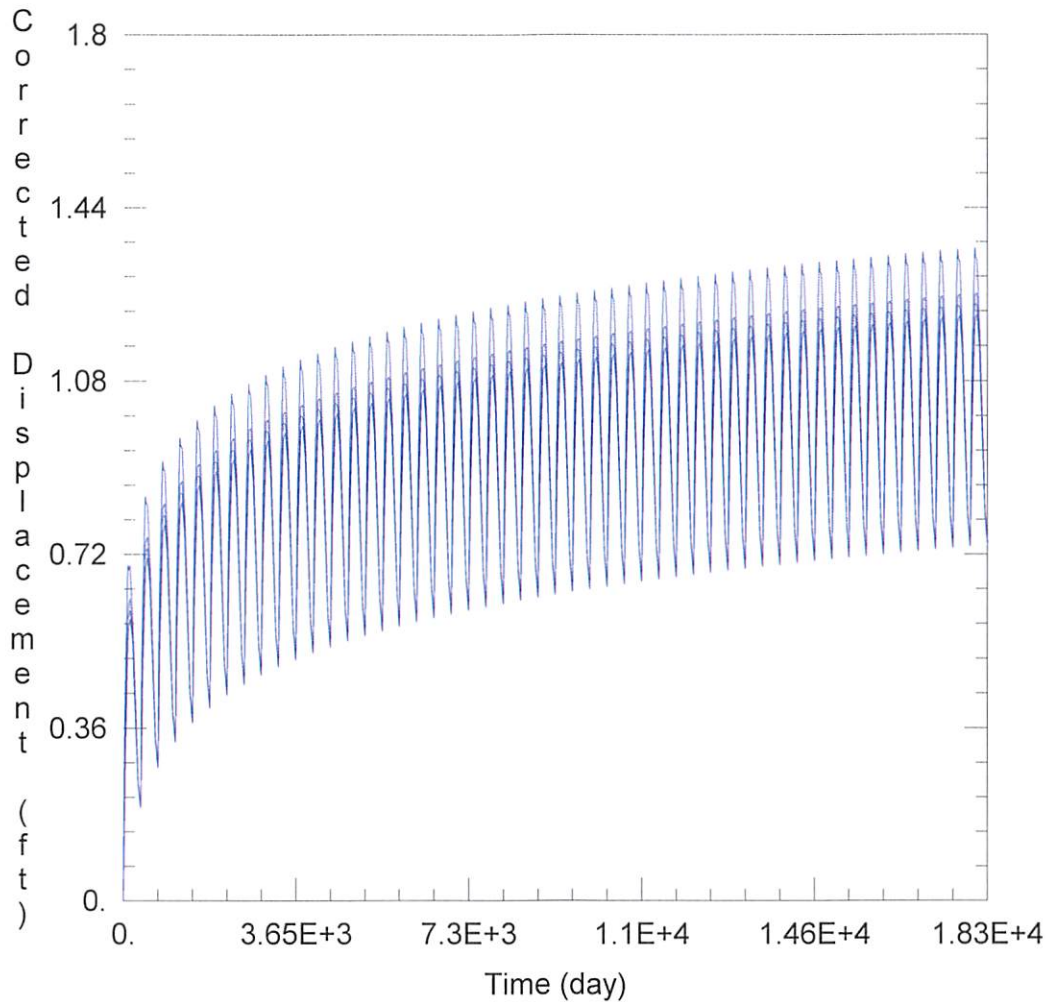
S33 27620 ID6: Drawdown from current location = 1.26 ft
 Drawdown from proposed location = 1.84 ft
 Net drawdown = 0.6

Domestic 33-34-41: Drawdown from current location = 1.22 ft
 Drawdown from proposed location = 1.78 ft
 Net drawdown = 0.6 ft

Net drawdown does not exceed the drawdown allowance of 3.0 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\27620\27620 current.aqt

Date: 10/03/24

Time: 12:15:12

PROJECT INFORMATION

Test Well: 27620

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
<u>27620 ID 1</u>	-283923	62160
<u>27620 ID 2</u>	-282612	62845

Observation Wells

Well Name	X (ft)	Y (ft)
□	-283923	62160
□	-282612	62845
□ <u>11702</u>	-285628	64147
□ <u>27620 S33 ID2</u>	-286229	64408
□ <u>27620 S33 ID6</u>	-285290	65451
□ <u>domestic</u>	-284387	66477

SOLUTION

Aquifer Model: Unconfined

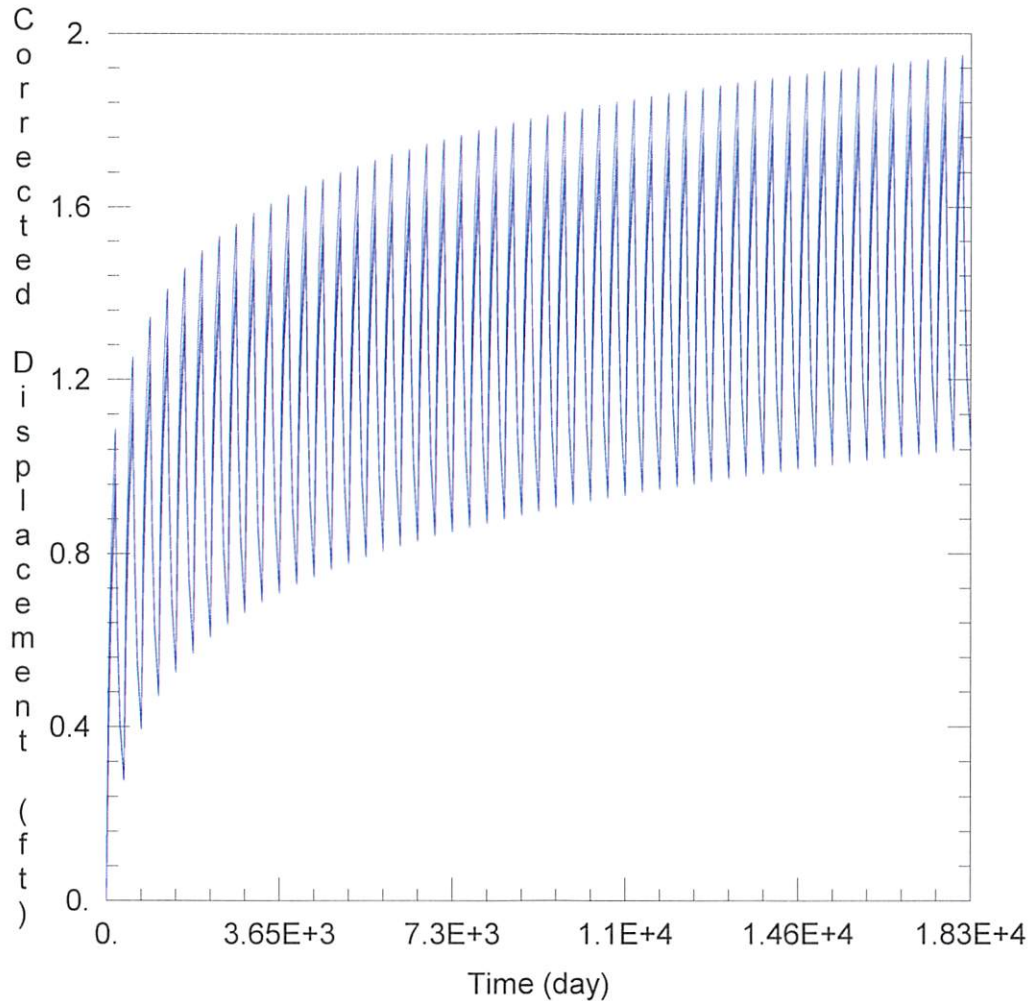
Solution Method: Theis

T = 1.522E+4 ft²/day

S = 0.046

Kz/Kr = 1.

b = 1.522E+4 ft



WELL TEST ANALYSIS

Data Set: C:\Users\scanstation\Documents\move requests\27620\27620 proposed.aqt

Date: 10/03/24

Time: 12:15:16

PROJECT INFORMATION

Test Well: 27620

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
27620 ID 2	-282612	62845

Observation Wells

Well Name	X (ft)	Y (ft)
□	-282612	62845
□ 11702	-285628	64147
□ 27620 S33 ID2	-286229	64408
□ 27620 S33 ID6	-285290	65451
□ domestic	-284387	66477

SOLUTION

Aquifer Model: Unconfined

Solution Method: Theis

T = 1.522E+4 ft²/day

S = 0.046

Kz/Kr = 1.

b = 1.522E+4 ft