

13654: Drawdown from current location = 2.38 ft
Drawdown from proposed location = 5.51 ft
Net drawdown = **3.1 ft**

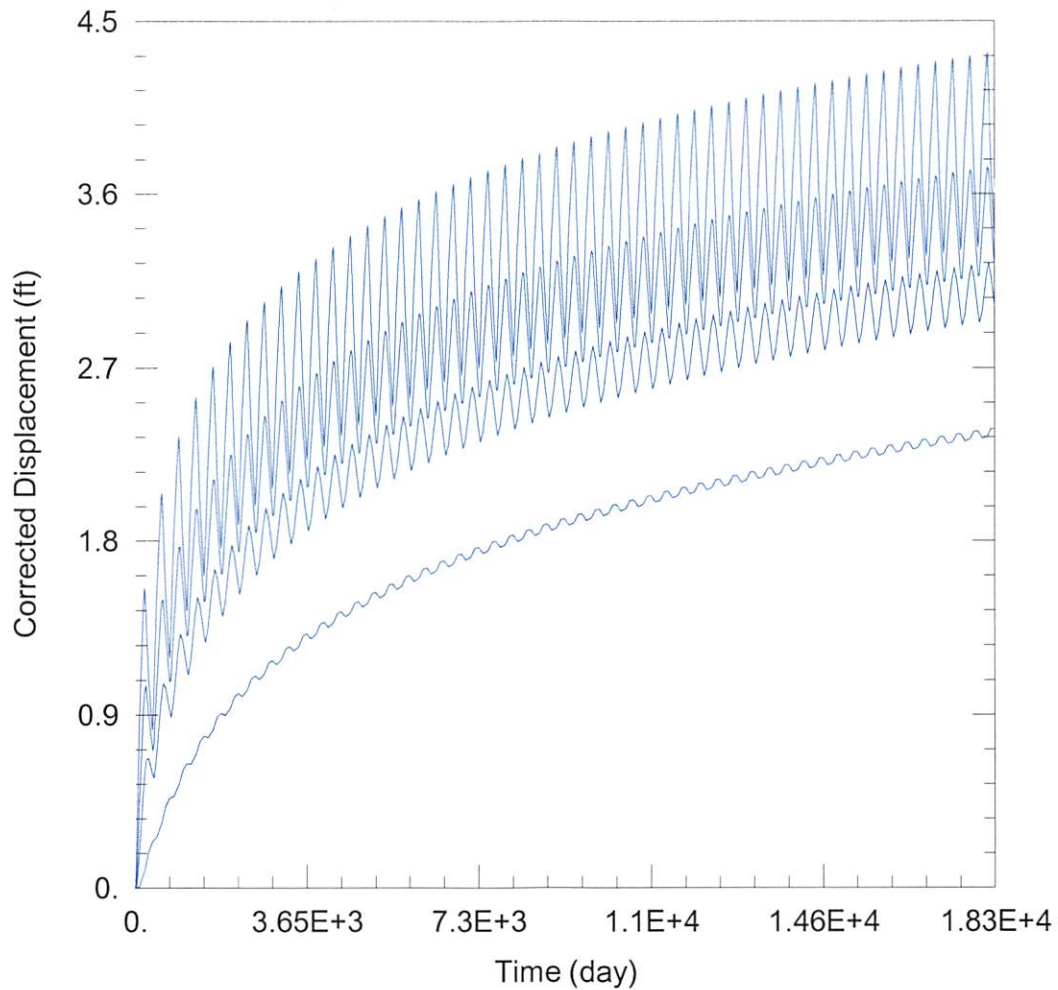
Domestic 26-30-37: Drawdown from current location = 4.33 ft
Drawdown from proposed location = 5.48 ft
Net drawdown = **1.1 ft**

Domestic 36-30-37: Drawdown from current location = 3.74 ft
Drawdown from proposed location = 7.06 ft
Net drawdown = **3.3 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 is unlikely to cause impairment. GMD3 staff recommends approval of this proposal.



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2021_Moves\GT6_9704\GT6 & 9704 Current.aqt
 Date: 03/12/21 Time: 15:05:49

PROJECT INFORMATION

Company: GMD 3
 Project: GT 6 & 9704
 Location: Grant County
 Test Well: GT 6 & 9704

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
GT 6 & 9704	-152792	190546

Observation Wells

Well Name	X (ft)	Y (ft)
□	-152792	190546
□ 39666	-151782	194440
□ 13654	-146825	187261
□ Domestic 26-30-37	-153208	192856
□ Domestic 36-30-37	-151895	187589

SOLUTION

Aquifer Model: Unconfined

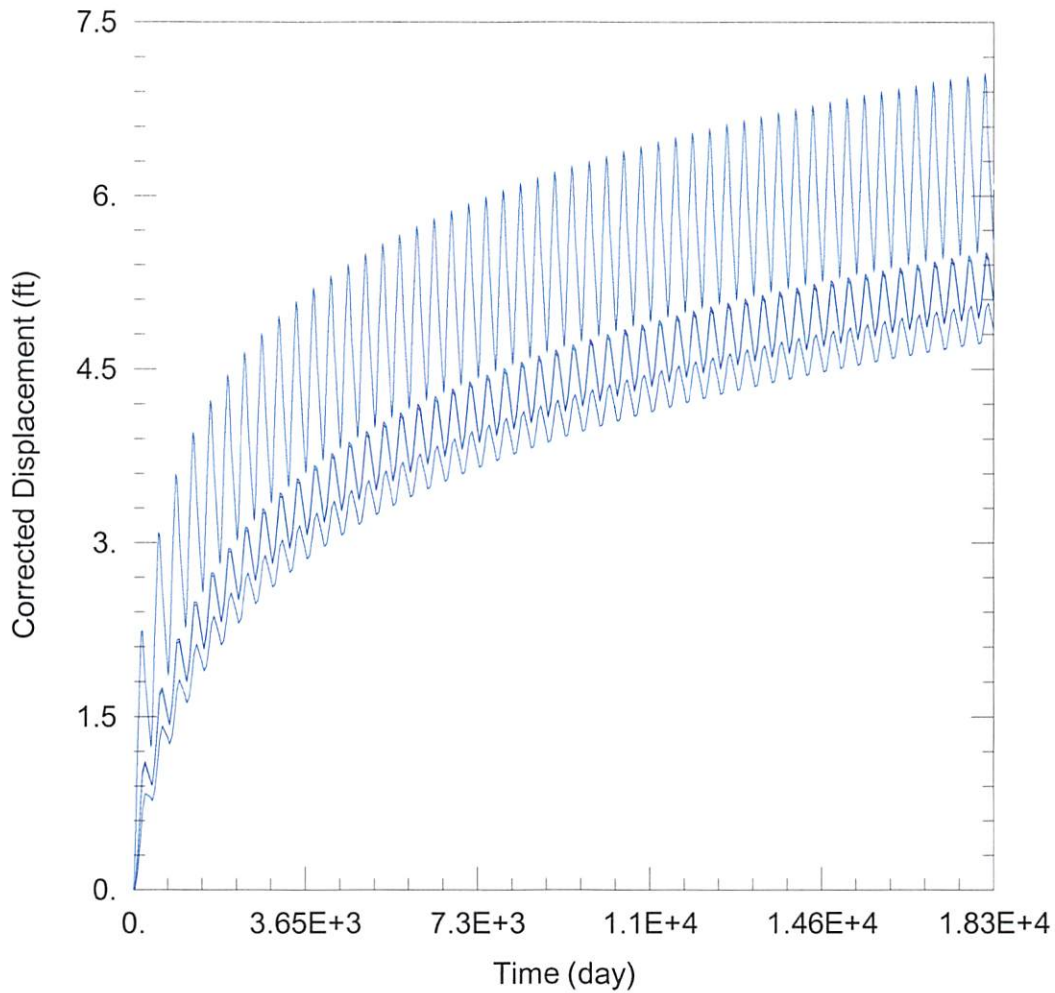
Solution Method: Theis

T = 5930.5 ft²/day

S = 0.1863

Kz/Kr = 1.

b = 212. ft



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2021_Moves\GT6_9704\GT6 & 9704 Proposed.aqt
 Date: 03/12/21 Time: 15:05:42

PROJECT INFORMATION

Company: GMD 3
 Project: GT 6 & 9704
 Location: Grant County
 Test Well: GT 6 & 9704

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
GT 6 & 9704	-150219	189800

Observation Wells

Well Name	X (ft)	Y (ft)
□	-150219	189800
□ <u>39666</u>	-151782	194440
□ <u>13654</u>	-146825	187261
□ <u>Domestic 26-30-37</u>	-153208	192856
□ <u>Domestic 36-30-37</u>	-151895	187589

SOLUTION

Aquifer Model: Unconfined

Solution Method: Theis

T = 5930.5 ft²/day

S = 0.1863

Kz/Kr = 1.

b = 212. ft