

7544: Drawdown from current location = 0.60 ft
Drawdown from proposed location = 1.11 ft
Net drawdown = **0.5 ft**

24467: Drawdown from current location = 0.93 ft
Drawdown from proposed location = 1.68 ft
Net drawdown = **0.7 ft**

Domestic 1: Drawdown from current location = 0.70 ft
Drawdown from proposed location = 1.12 ft
Net drawdown = **0.4 ft**

Domestic 2: Drawdown from current location = 0.75 ft
Drawdown from proposed location = 1.22 ft
Net drawdown = **0.5 ft**

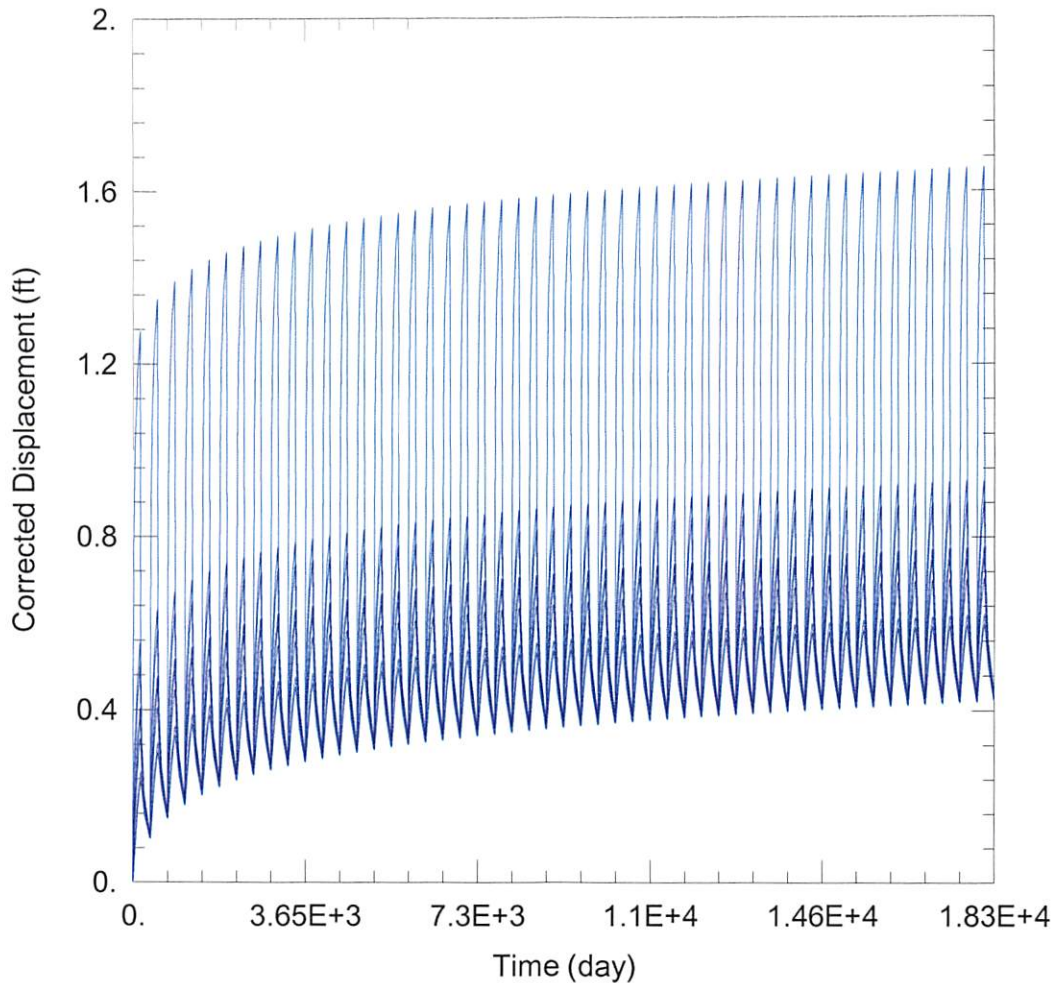
Domestic 3: Drawdown from current location = 0.62 ft
Drawdown from proposed location = 1.17 ft
Net drawdown = **0.5 ft**

Domestic 4: Drawdown from current location = 1.65 ft
Drawdown from proposed location = 2.51 ft
Net drawdown = **0.9 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\3941\3941 Current.aqt

Date: 04/05/21

Time: 16:09:26

PROJECT INFORMATION

Company: GMD 3

Project: 3941

Location: Meade County

Test Well: 3941

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
3941	85022	197172

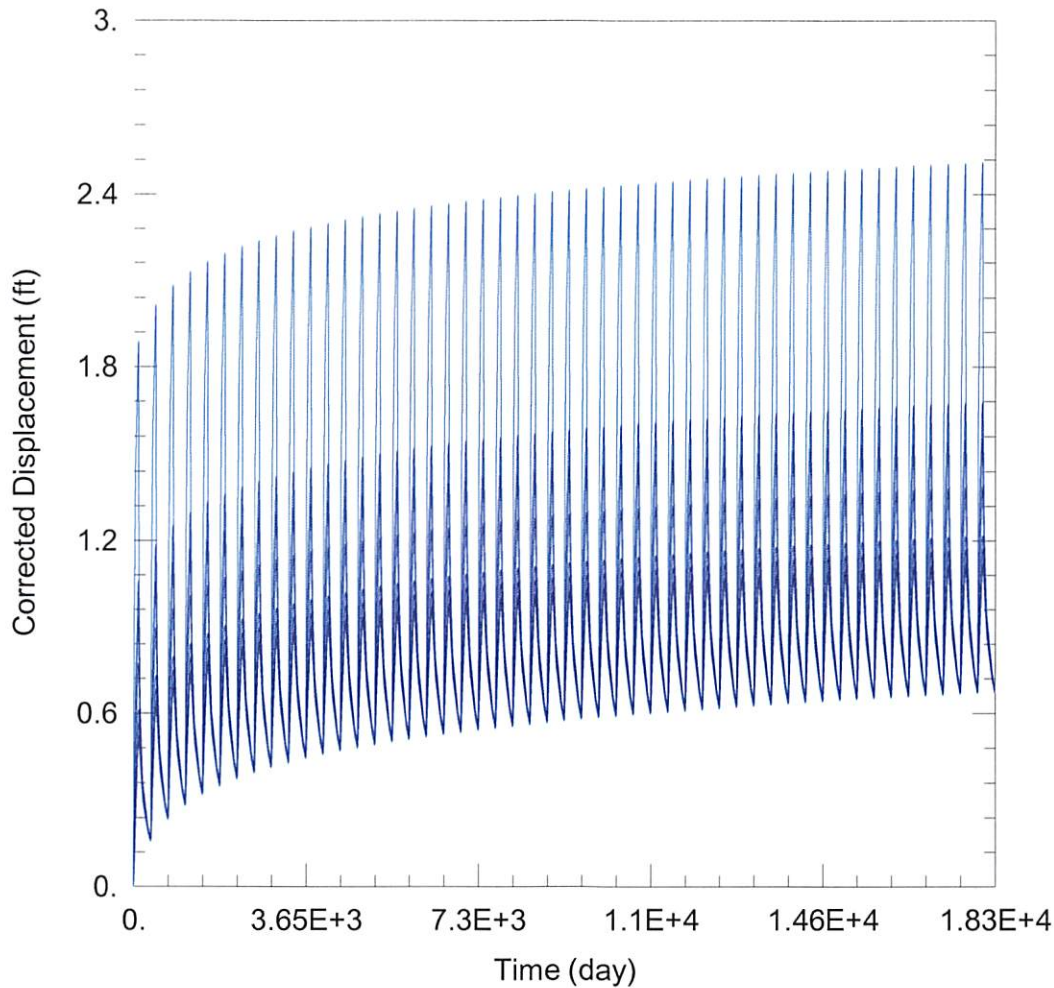
Observation Wells

Well Name	X (ft)	Y (ft)
□	85022	197172
□ 16719	84200	199912
□ 5540	84981	200839
□ 7544	90299	199884
□ 24467	84855	194652
□ Domestic 1	80654	197612
□ Domestic 2	81966	199600
□ Domestic 3	90554	197623
□ Domestic 4	84604	196949

SOLUTION

Aquifer Model: Unconfined

Solution Method: Theis



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2021_Moves\3941\3941 Proposed.aqt

Date: 04/05/21

Time: 16:09:18

PROJECT INFORMATION

Company: GMD 3

Project: 3941

Location: Meade County

Test Well: 3941

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
3941	85765	197222

Observation Wells

Well Name	X (ft)	Y (ft)
□	85765	197222
□ 16719	84200	199912
□ 5540	84981	200839
□ 7544	90299	199884
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