

34643: Drawdown from current location = 1.25 ft
Drawdown from proposed location = 2.22 ft
Net drawdown = **1.0 ft**

33637: Drawdown from current location = 1.29 ft
Drawdown from proposed location = 2.68 ft
Net drawdown = **1.4 ft**

27633: Drawdown from current location = 1.04 ft
Drawdown from proposed location = 2.20 ft
Net drawdown = **1.2 ft**

23954: Drawdown from current location = 1.18 ft
Drawdown from proposed location = 3.45 ft
Net drawdown = **2.3 ft**

3386: Drawdown from current location = 0.80 ft
Drawdown from proposed location = 2.14 ft
Net drawdown = **1.3 ft**

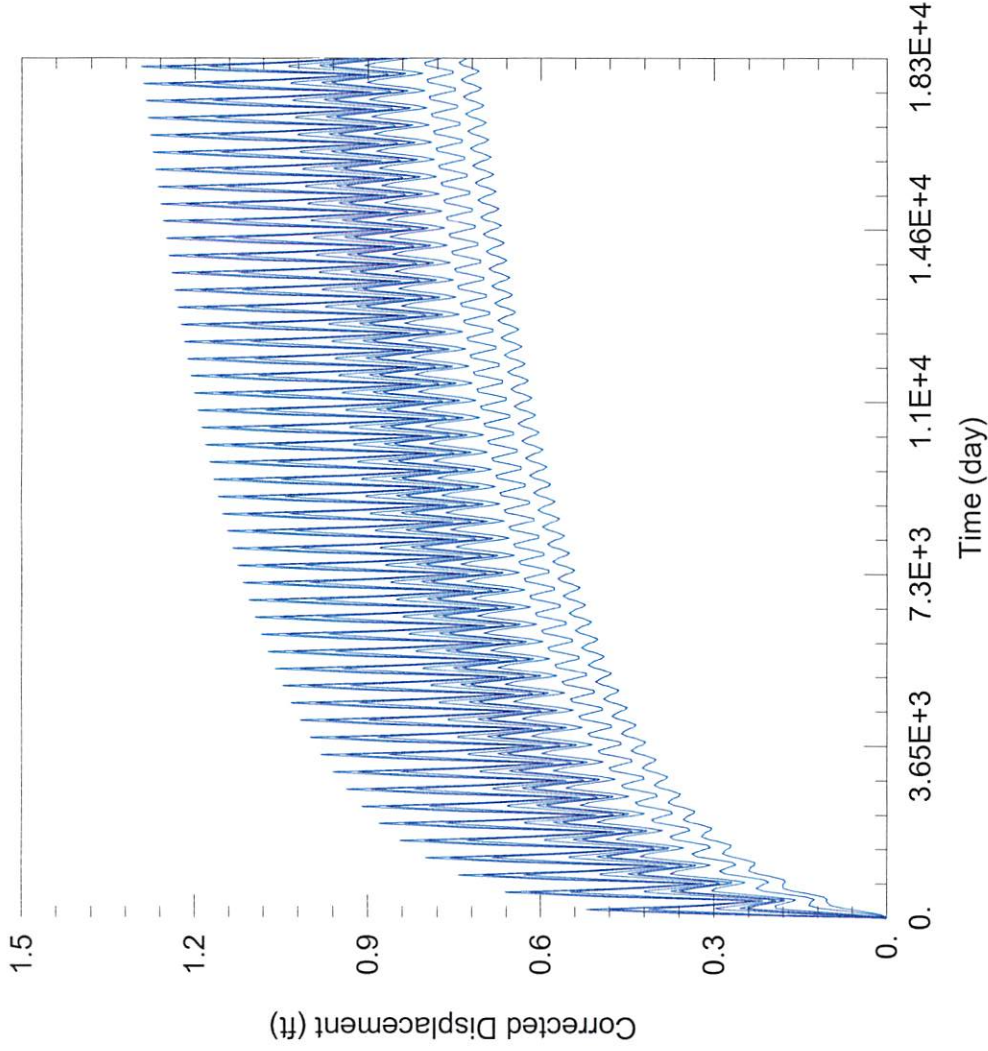
3386 & 8678: Drawdown from current location = 0.97 ft
Drawdown from proposed location = 3.38 ft
Net drawdown = **2.4 ft**

Domestic 22-27-33: Drawdown from current location = 0.91 ft
Drawdown from proposed location = 2.84 ft
Net drawdown = **1.9 ft**

Net drawdown does not exceed the drawdown allowance of 3.5 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\17469\17469 Current.aqt

Date: 05/25/21

Time: 15:26:36

PROJECT INFORMATION

Company: GMD 3

Project: 17469

Location: Haskell County

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
17469	-31035	297734

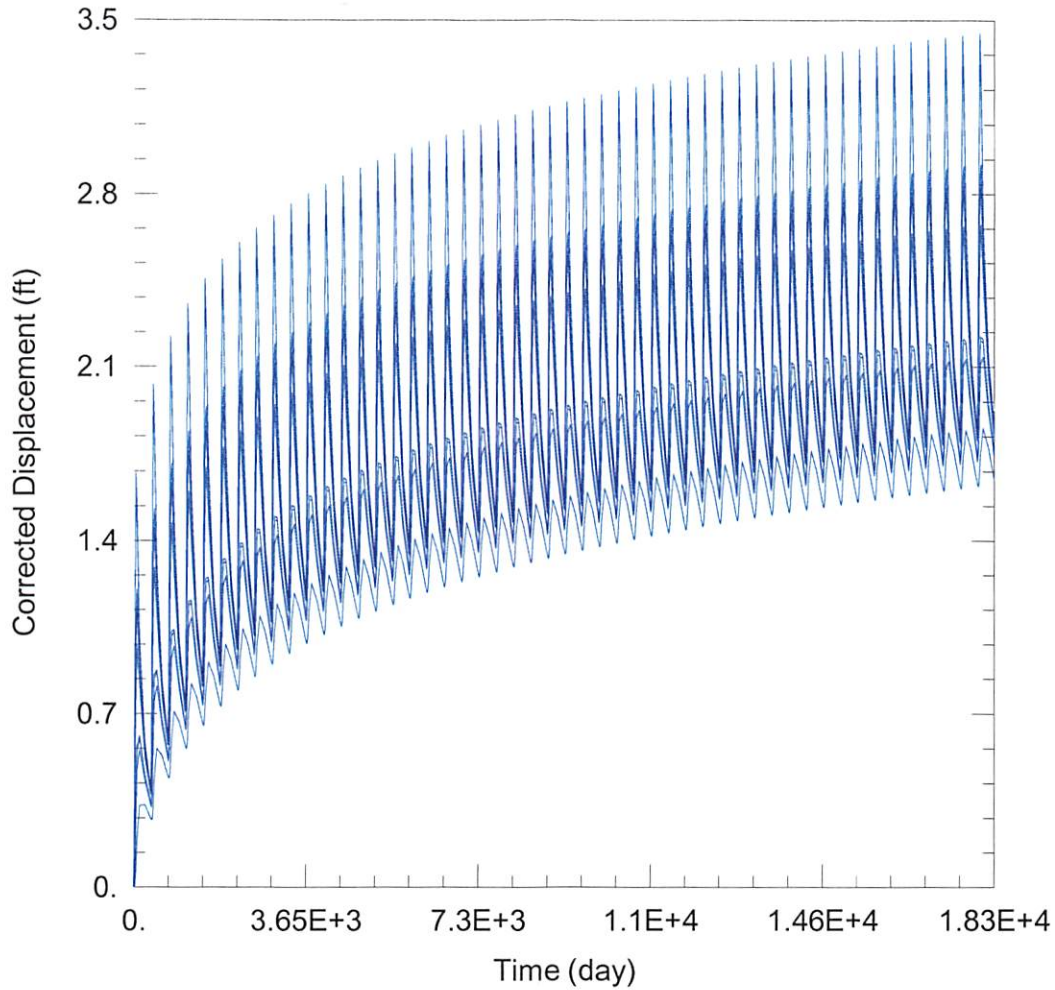
Observation Wells

Well Name	X (ft)	Y (ft)
<input type="checkbox"/> 2600 & 8178	-28782	294487
<input type="checkbox"/> 14933	-27096	292610
<input type="checkbox"/> 34643	-32856	299535
<input type="checkbox"/> 33637	-28662	297987
<input type="checkbox"/> 27633	-34612	297870
<input type="checkbox"/> 23954	-33439	296168
<input type="checkbox"/> 3386	-33789	292820
<input type="checkbox"/> 3386 & 8678	-31555	293682
<input type="checkbox"/> Domestic 22-27-33	-31826	293215

SOLUTION

Aquifer Model: Unconfined

Solution Method: Theis



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2021_Moves\17469\17469 Proposed.aqt
 Date: 05/25/21 Time: 15:26:29

PROJECT INFORMATION

Company: GMD 3
 Project: 17469
 Location: Haskell County

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
17469	-31107	296019

Observation Wells

Well Name	X (ft)	Y (ft)
□	-31107	296019
□ 2600 & 8178	-28782	294487
□ 14933	-27096	292610
□ 34643	-32856	299535
□ 33637	-28662	297987
□ 27633	-34612	297870
□ 23954	-33439	296168
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□ 3386 & 8678	-31555	293682
□ Domestic 22-27-33	-31826	293215

SOLUTION

Aquifer Model: Unconfined

Solution Method: Theis