

22879: Drawdown from current location = 1.39 ft
Drawdown from proposed location = 2.49 ft
Net drawdown = **1.1 ft**

15955: Drawdown from current location = 1.23 ft
Drawdown from proposed location = 2.36 ft
Net drawdown = **1.1 ft**

12279: Drawdown from current location = 1.20 ft
Drawdown from proposed location = 2.33 ft
Net drawdown = **1.1 ft**

11635: Drawdown from current location = 1.36 ft
Drawdown from proposed location = 2.44 ft
Net drawdown = **1.1 ft**

10101: Drawdown from current location = 1.18 ft
Drawdown from proposed location = 1.97 ft
Net drawdown = **0.8 ft**

10033: Drawdown from current location = 1.54 ft
Drawdown from proposed location = 2.08 ft
Net drawdown = **0.5 ft**

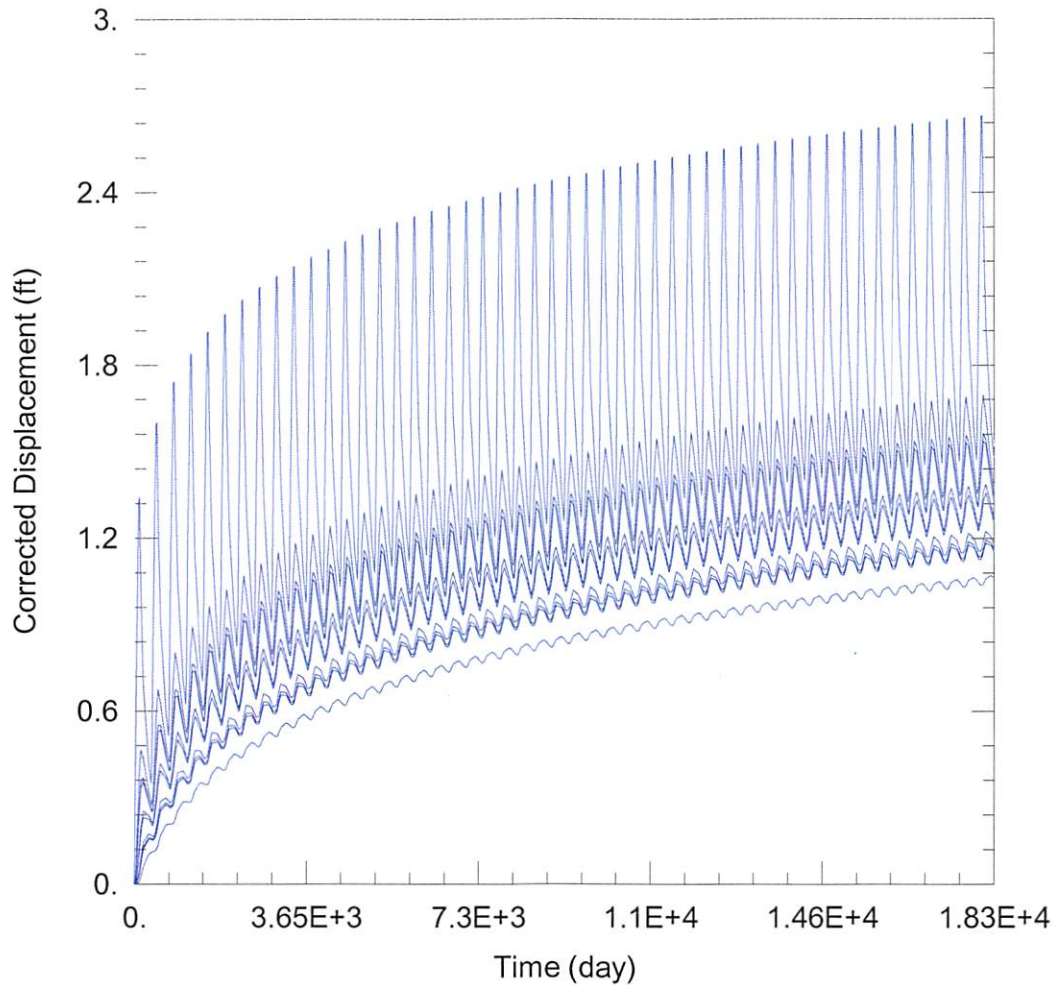
22509: Drawdown from current location = 1.56 ft
Drawdown from proposed location = 1.83 ft
Net drawdown = **0.3 ft**

Domestic 28-27-30: Drawdown from current location = 1.07 ft
Drawdown from proposed location = 2.00 ft
Net drawdown = **0.9 ft**

Net drawdown does not exceed the drawdown allowance of 2.0 ft for any wells within 1 mile of the proposed point of diversion, so critical well analysis is not necessary.

Conclusion:

The proposed change should result in minimal effects on neighboring wells and is unlikely to create an impairment situation. GMD3 staff recommends approval of the application.



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2020_moves\21643\21643 Current.aqt

Date: 01/20/20

Time: 11:30:42

PROJECT INFORMATION

Company: GMD 3

Project: 21643

Location: Gray County

Test Well: 21643

WELL DATA

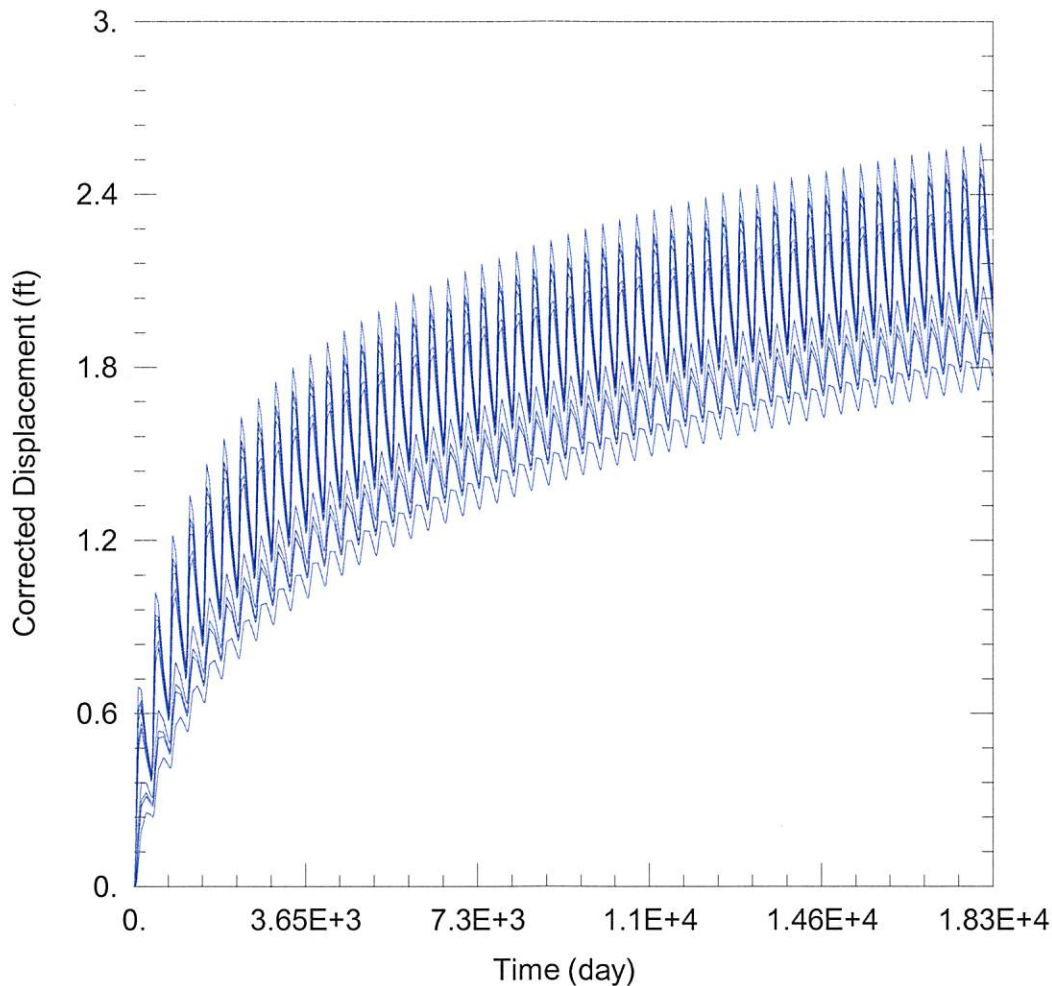
Pumping Wells

Well Name	X (ft)	Y (ft)
21643	57140	293959

Observation Wells

Well Name	X (ft)	Y (ft)
□	57140	293959
□ 20047 & 22879	57398	295310
□ 20420 & 23277	54652	295075
□ 22879	53397	293730
□ 15955	53207	291610
□ 12279	54504	289999
□ 11635	57339	290072
□ 10101	58462	289312
□ 10033	59887	292412
□ 22509	59805	295499
□ Domestic 28-27-30	53412	289655

SOLUTION



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2020_moves\21643\21643 Proposed.aqt

Date: 01/20/20

Time: 11:30:36

PROJECT INFORMATION

Company: GMD 3

Project: 21643

Location: Gray County

Test Well: 21643

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
21643	56081	292735

Observation Wells

Well Name	X (ft)	Y (ft)
□	56081	292735
□ <u>20047 & 22879</u>	57398	295310
□ <u>20420 & 23277</u>	54652	295075
□ <u>22879</u>	53397	293730
□ <u>15955</u>	53207	291610
□ <u>12279</u>	54504	289999
□ <u>11635</u>	57339	290072
□ <u>10101</u>	58462	289312
□ <u>10033</u>	59887	292412
□ <u>22509</u>	59805	295499
□ <u>Domestic 28-27-30</u>	53412	289655

SOLUTION