

30139: Drawdown from current location = 1.41 ft
Drawdown from proposed location = 2.63 ft
Net drawdown = **1.2 ft**

18936: Drawdown from current location = 1.33 ft
Drawdown from proposed location = 3.20 ft
Net drawdown = **1.9 ft**

Domestic 26-31-29: Drawdown from current location = 1.18 ft
Drawdown from proposed location = 2.18 ft
Net drawdown = **1.0 ft**

Domestic 25-31-29: Drawdown from current location = 1.50 ft
Drawdown from proposed location = 2.65 ft
Net drawdown = **1.2 ft**

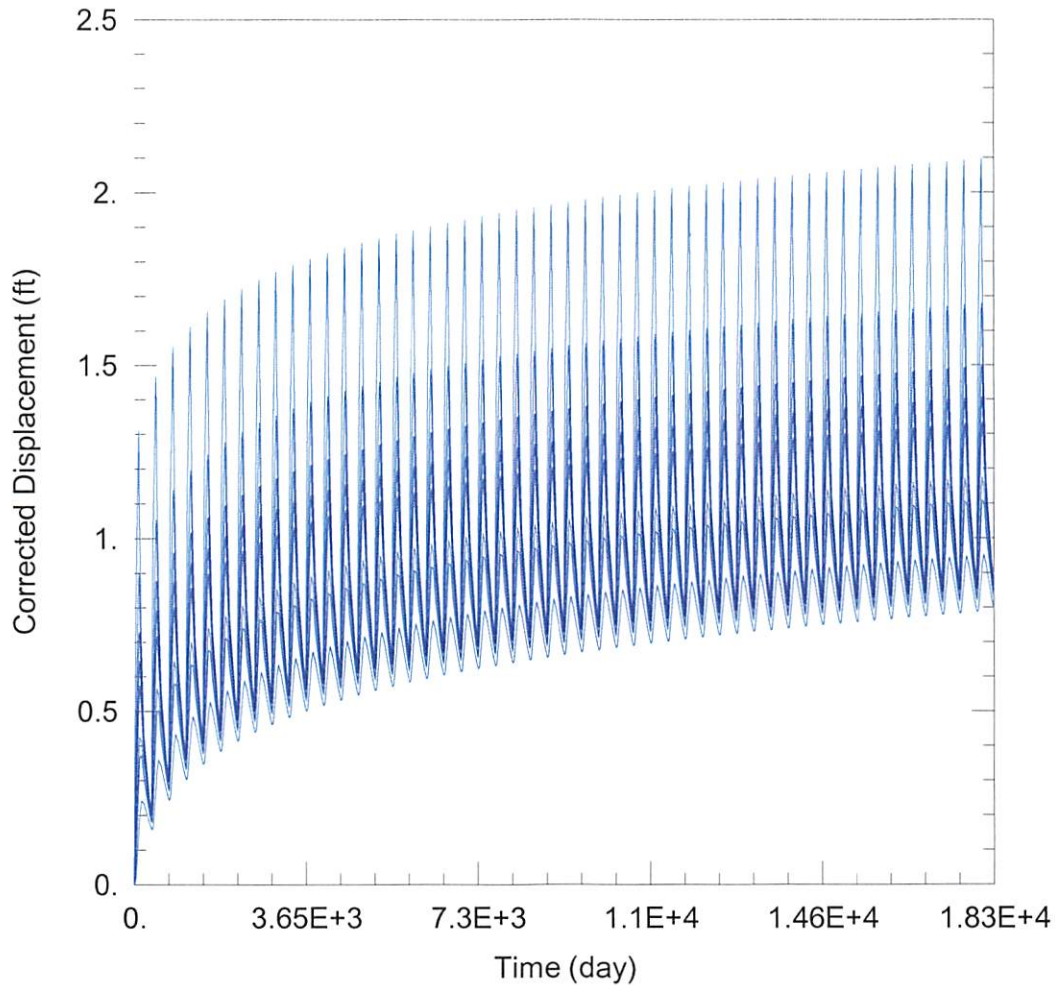
Domestic 36-31-29: Drawdown from current location = 1.68 ft
Drawdown from proposed location = 2.89 ft
Net drawdown = **1.2 ft**

Domestic 1-32-29: Drawdown from current location = 0.95 ft
Drawdown from proposed location = 2.07 ft
Net drawdown = **1.1 ft**

Net drawdown does not exceed the drawdown allowance of 4.0 ft for any wells within 1 mile of the proposed location. Therefore, critical well analysis is not necessary.

Conclusion:

Based upon information from the GMD3 model, this proposal will cause minimal effects on neighboring wells, and is unlikely to create an impairment. GMD3 staff recommends approval of the application.



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2020_moves\17383_30448\17383 & 30448 Current.aqt
 Date: 09/28/20 Time: 14:12:53

PROJECT INFORMATION

Company: GMD 3
 Project: 17383 & 30448
 Location: Meade County
 Test Well: 17383 & 30448

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
17383 & 30448	106217	158920

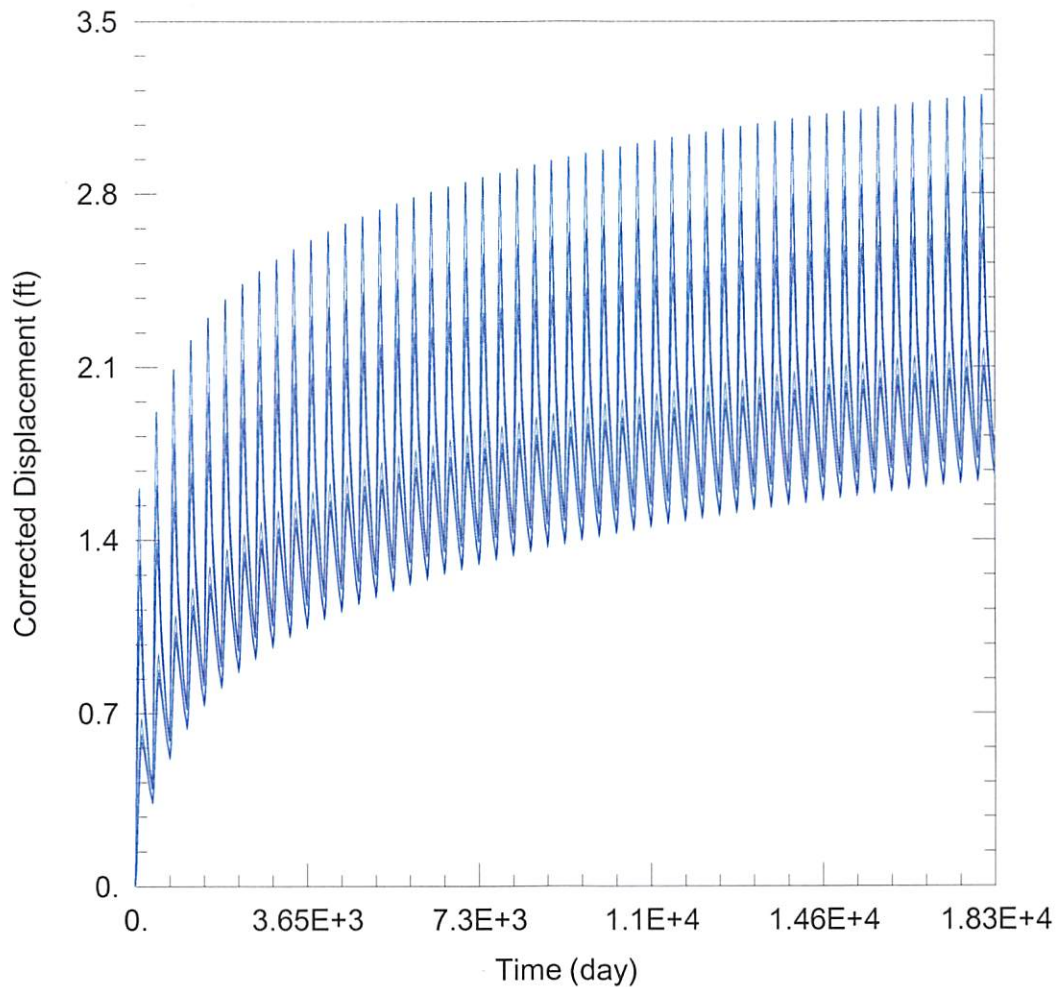
Observation Wells

Well Name	X (ft)	Y (ft)
□	106217	158920
□ 5020 & 30448	106958	160142
□ 9982	105244	162784
□ 30139	108693	157650
□ 18936	106137	155874
□ Domestic 26-31-29	105631	162544
□ Domestic 25-31-29	105981	161411
□ Domestic 36-31-29	108285	158594
□ Domestic 1-32-29	107642	154013

SOLUTION

Aquifer Model: Unconfined

Solution Method: Thisis



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2020_moves\17383_30448\17383 & 30448 Proposed.aqt
 Date: 09/28/20 Time: 14:13:13

PROJECT INFORMATION

Company: GMD 3
 Project: 17383 & 30448
 Location: Meade County
 Test Well: 17383 & 30448

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
17383 & 30448	105442	158195

Observation Wells

Well Name	X (ft)	Y (ft)
□	105442	158195
□ <u>5020 & 30448</u>	106958	160142
□ <u>9982</u>	105244	162784
□ <u>30139</u>	108693	157650
□ <u>18936</u>	106137	155874
□ <u>Domestic 26-31-29</u>	105631	162544
□ <u>Domestic 25-31-29</u>	105981	161411
□ <u>Domestic 36-31-29</u>	108285	158594
□ <u>Domestic 1-32-29</u>	107642	154013

SOLUTION

Aquifer Model: Unconfined

Solution Method: Theis