

22633 ID 8: Drawdown from current location = 0.89 ft
Drawdown from proposed location = 2.67 ft
Net drawdown = **1.8 ft**

22560 ID 7: Drawdown from current location = 0.72 ft
Drawdown from proposed location = 1.42 ft
Net drawdown = **0.7 ft**

22558 ID 4: Drawdown from current location = 0.76 ft
Drawdown from proposed location = 1.27 ft
Net drawdown = **0.5 ft**

22558 ID 7: Drawdown from current location = 0.86 ft
Drawdown from proposed location = 2.26 ft
Net drawdown = **1.4 ft**

22374 ID 5: Drawdown from current location = 1.09 ft
Drawdown from proposed location = 1.65 ft
Net drawdown = **0.6 ft**

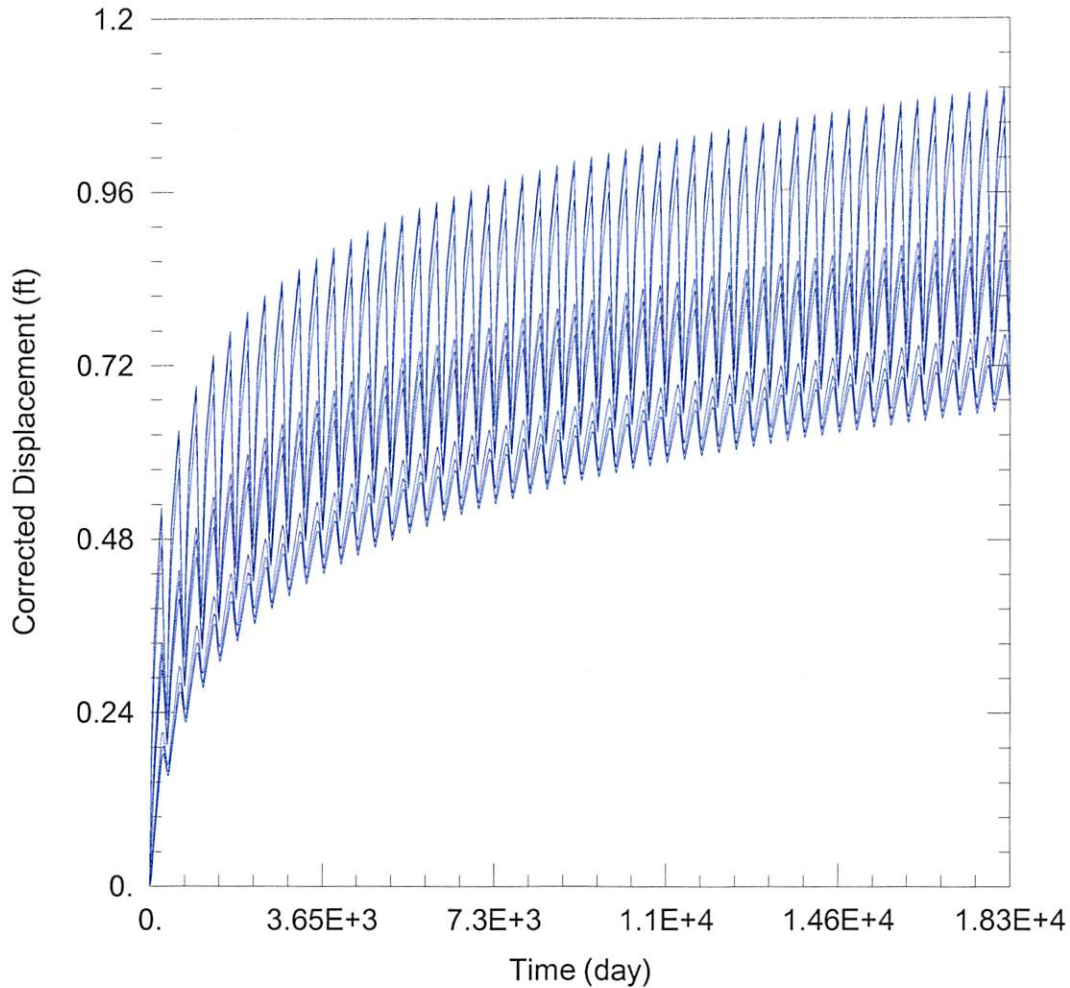
22559 ID 6: Drawdown from current location = 1.10 ft
Drawdown from proposed location = 1.31 ft
Net drawdown = **0.2 ft**

21764 ID 7: Drawdown from current location = 1.05 ft
Drawdown from proposed location = 1.24 ft
Net drawdown = **0.2 ft**

Net drawdown does not exceed the drawdown allowance of 4.0 ft for any neighboring wells, so critical well analysis is not necessary.

Conclusion:

Net effects on neighboring wells as a result of this proposal are expected to be negligible. Impairment is unlikely to occur. GMD3 staff recommends approval of this application.



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2019_moves\22373\22373 Current.aqt

Date: 12/02/19

Time: 16:34:04

PROJECT INFORMATION

Company: GMD 3

Project: 22373

Location: Kearny County

Test Well: 22373

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
22373 ID6	-98284	357933

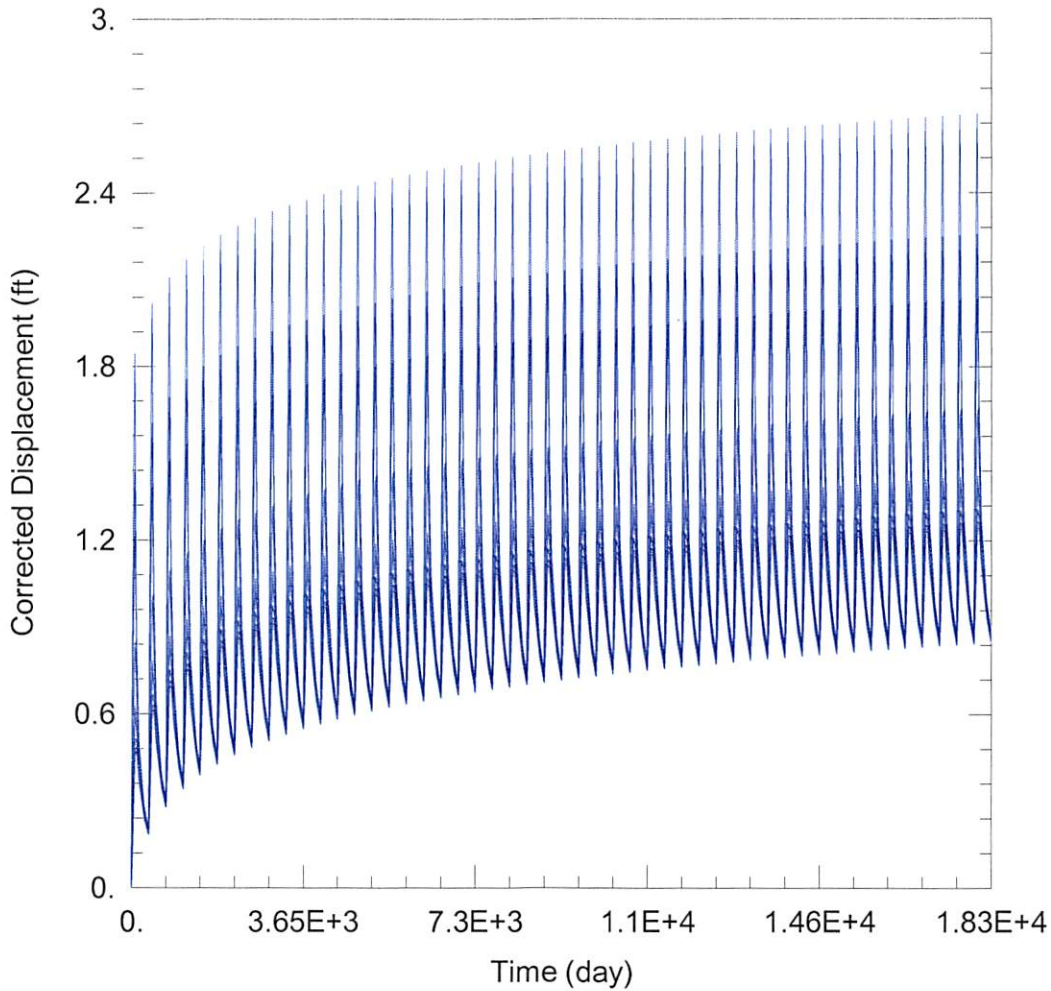
Observation Wells

Well Name	X (ft)	Y (ft)
□	-98284	357933
□ 22373 ID7	-101143	355445
□ 22633 ID4	-102196	353453
□ 22633 ID8	-99606	354190
□ 22560 ID7	-97290	351818
□ 22558 ID4	-94253	354121
□ 22558 ID7	-97427	353780
□ 22374 ID5	-95941	357640
□ 22559 ID6	-96877	359756
□ 21764 ID7	-99467	360289

SOLUTION

Aquifer Model: Unconfined

Solution Method: Theis



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2019_moves\22373\22373 Proposed.aqt

Date: 12/02/19

Time: 16:33:57

PROJECT INFORMATION

Company: GMD 3

Project: 22373

Location: Kearny County

Test Well: 22373

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
22373 ID6	-98625	355641

Observation Wells

Well Name	X (ft)	Y (ft)
□	-98625	355641
□ 22373 ID7	-101143	355445
□ 22633 ID4	-102196	353453
□ 22633 ID8	-99606	354190
□ 22560 ID7	-97290	351818
□ 22558 ID4	-94253	354121
□ 22558 ID7	-97427	353780
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SOLUTION

Aquifer Model: Unconfined

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