

14305: Drawdown from current location = 0.85 ft
Drawdown from proposed location = 2.36 ft
Net drawdown = **1.5 ft**

27233: Drawdown from current location = 0.76 ft
Drawdown from proposed location = 1.96 ft
Net drawdown = **1.2 ft**

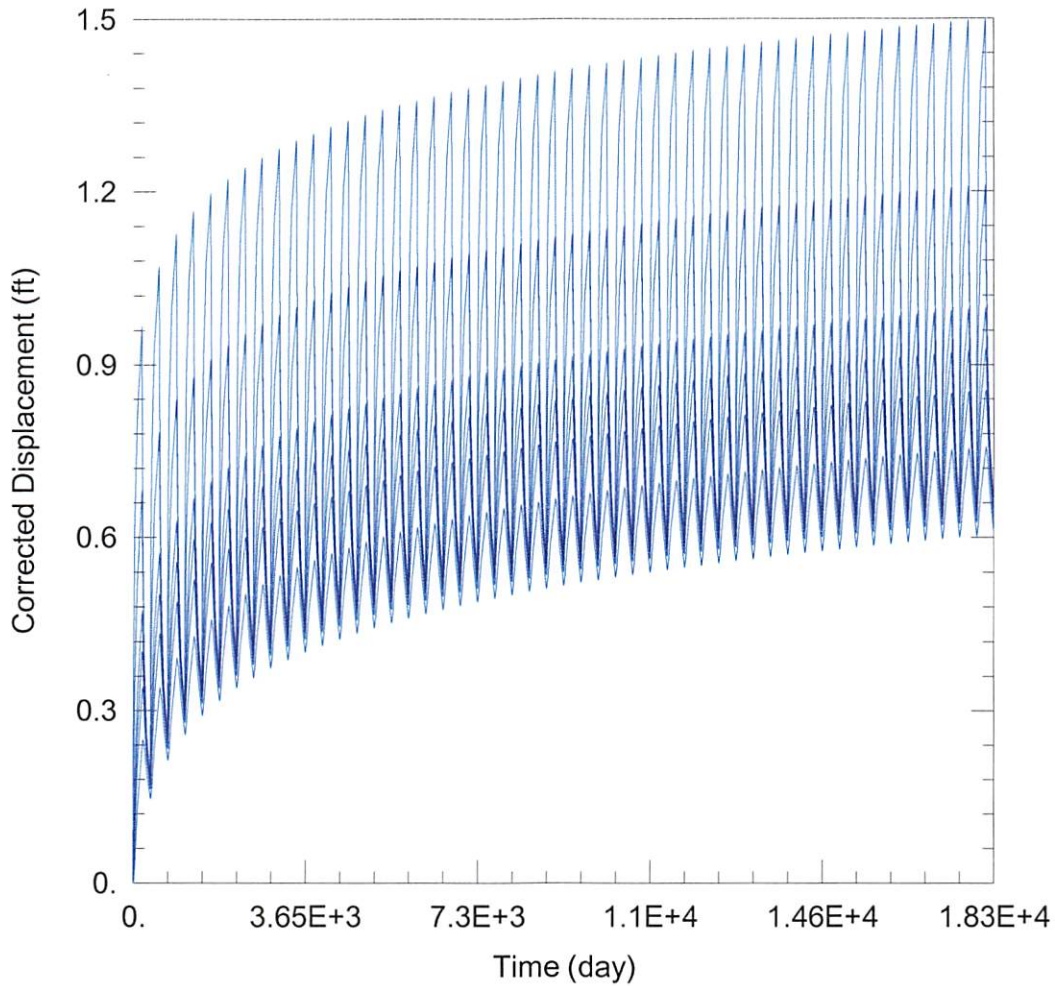
4723: Drawdown from current location = 0.93 ft
Drawdown from proposed location = 2.75 ft
Net drawdown = **1.8 ft**

28284: Drawdown from current location = 1.21 ft
Drawdown from proposed location = 3.51 ft
Net drawdown = **2.3 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\6227A\6227A Current.aqt

Date: 07/14/20

Time: 10:47:22

PROJECT INFORMATION

Company: GMD 3

Project: 6227 A

Location: Haskell County

Test Well: 6227 A

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
6227	-66801	238679

Observation Wells

Well Name	X (ft)	Y (ft)
□	-66801	238679
□ 3519	-65525	239095
□ 11394	-64286	235661
□ 14305	-66846	233237
□ 27233	-70764	232937
□ 4723	-70747	236298
□ 28284	-69274	238519

SOLUTION

Aquifer Model: Unconfined

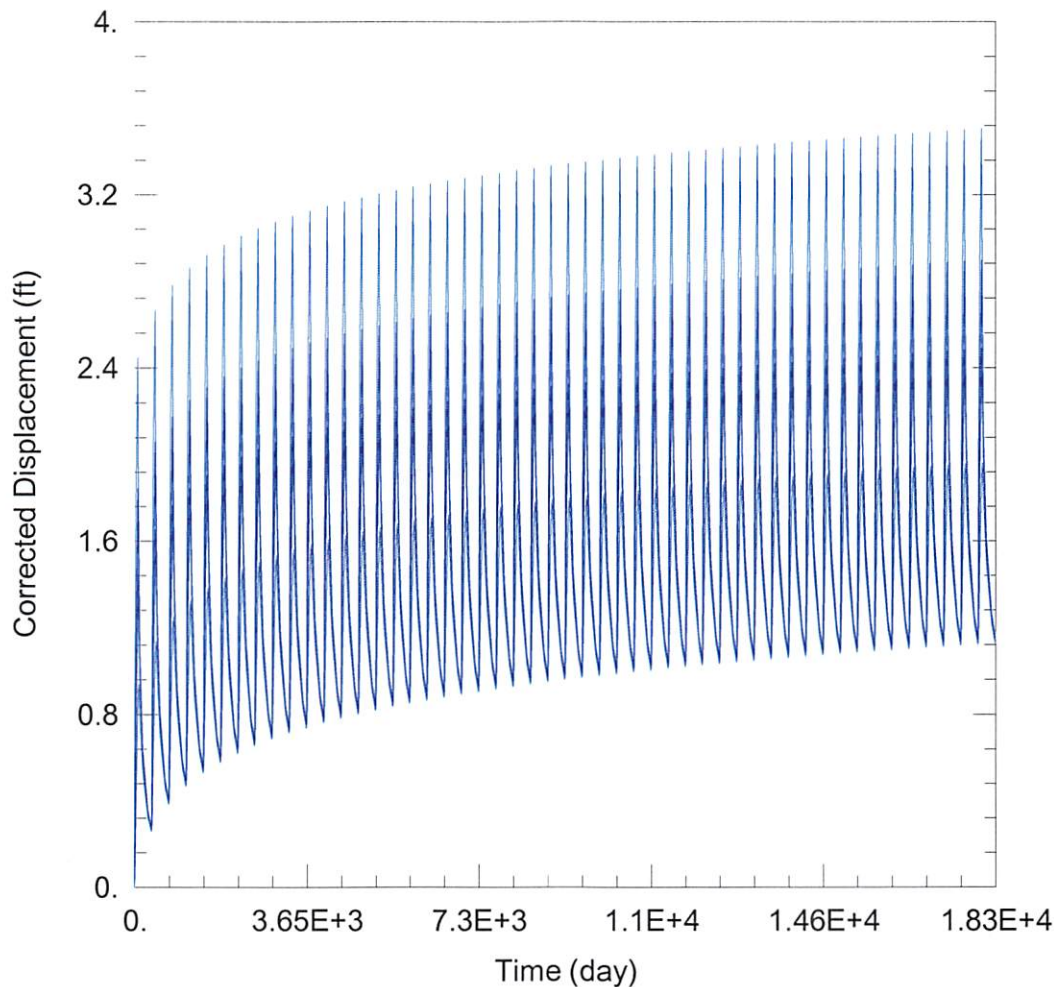
Solution Method: Theis

T = 1.235E+4 ft²/day

S = 0.05322

Kz/Kr = 1.

b = 239. ft



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2020_moves\6227A\6227A Proposed.aqt

Date: 07/14/20

Time: 10:47:15

PROJECT INFORMATION

Company: GMD 3

Project: 6227 A

Location: Haskell County

Test Well: 6227 A

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
6227	-67668	237076

Observation Wells

Well Name	X (ft)	Y (ft)
□	-67668	237076
□ 3519	-65525	239095
□ 11394	-64286	235661
□ 14305	-66846	233237
□ 27233	-70764	232937
□ 4723	-70747	236298
□ 28284	-69274	238519

SOLUTION

Aquifer Model: Unconfined

Solution Method: Theis

T = 1.235E+4 ft²/day

S = 0.05322

Kz/Kr = 1.

b = 239. ft