



25651:

Drawdown from current location = 1.99 ft

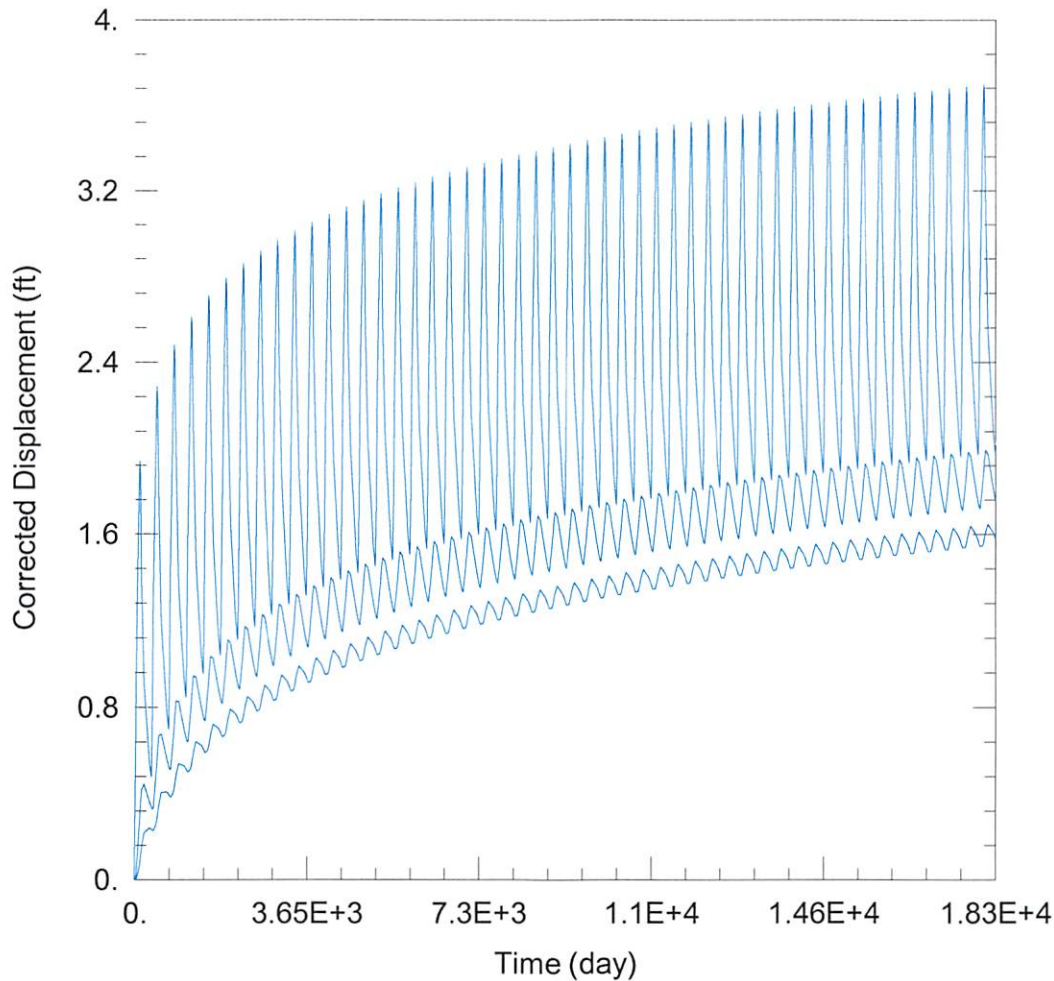
Drawdown from proposed location = 4.00 ft

**Net drawdown = 2.0 ft**

Net drawdown does not exceed the drawdown allowance of 4.0 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 appears unlikely to cause impairment. Any concerned neighbors should contact GMD3 at (620) 275-7147 or the Division of Water Resources at (620) 276-2901.



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2022\_moves\12137\12137 Current.aqt  
 Date: 05/17/22 Time: 16:12:06

PROJECT INFORMATION

Company: GMD 3  
 Project: 12137  
 Location: Meade County

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
12137	53580	161590

Observation Wells

Well Name	X (ft)	Y (ft)
□	53580	161590
□ 27024	59719	160310
□ 9688	53176	159925
□ 25651	55740	157578

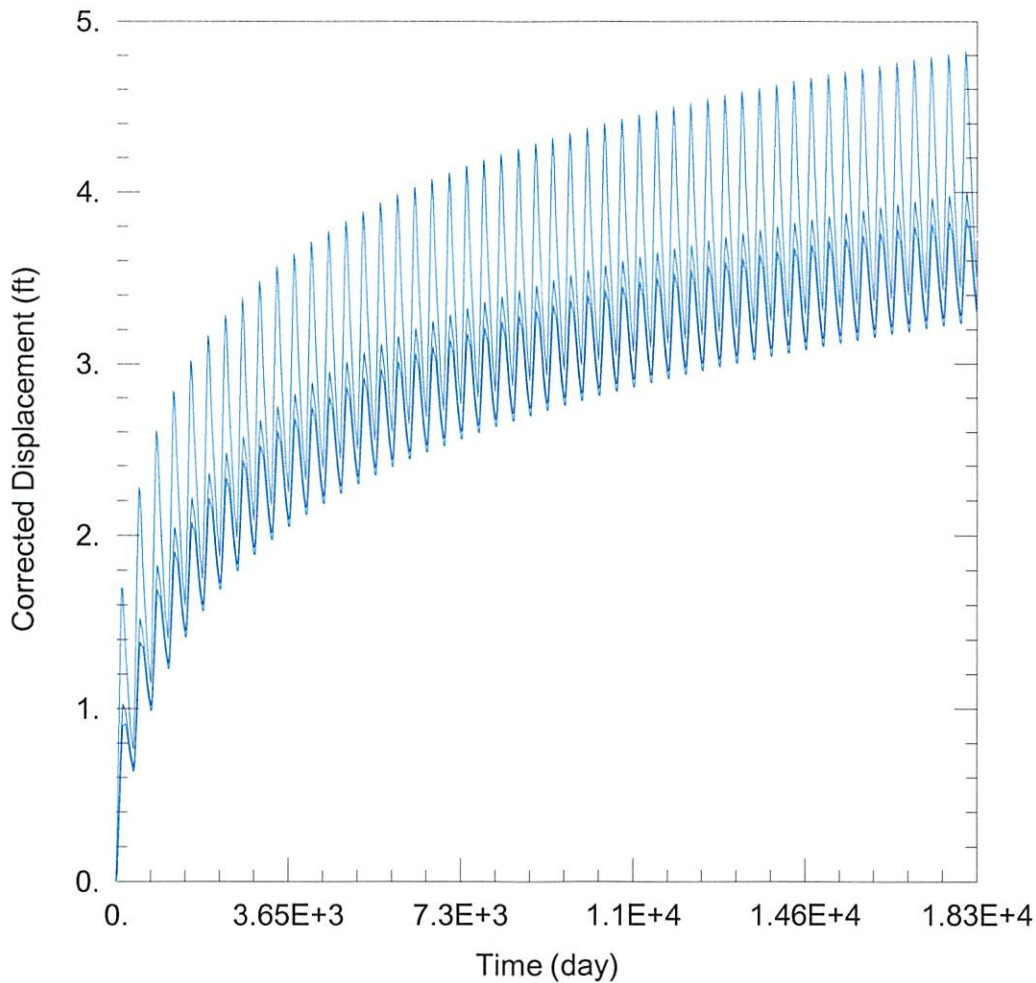
SOLUTION

Aquifer Model: Unconfined

Solution Method: Theis

T = 1.095E+4 ft<sup>2</sup>/day  
 Kz/Kr = 1.

S = 0.256  
 b = 211. ft



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2022\_moves\12137\12137 Proposed.aqt  
 Date: 05/17/22 Time: 16:11:50

PROJECT INFORMATION

Company: GMD 3  
 Project: 12137  
 Location: Meade County

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
12137	55649	161610

Observation Wells

Well Name	X (ft)	Y (ft)
□	55649	161610
□ 27024	59719	160310
□ 9688	53176	159925
□ 25651	55740	157578

SOLUTION

Aquifer Model: Unconfined

Solution Method: Theis

T = 1.095E+4 ft<sup>2</sup>/day  
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 b = 211. ft