

14261 ID3: Drawdown from current location = 1.20 ft
Drawdown from proposed location = 3.69 ft
Net drawdown = **2.5 ft**

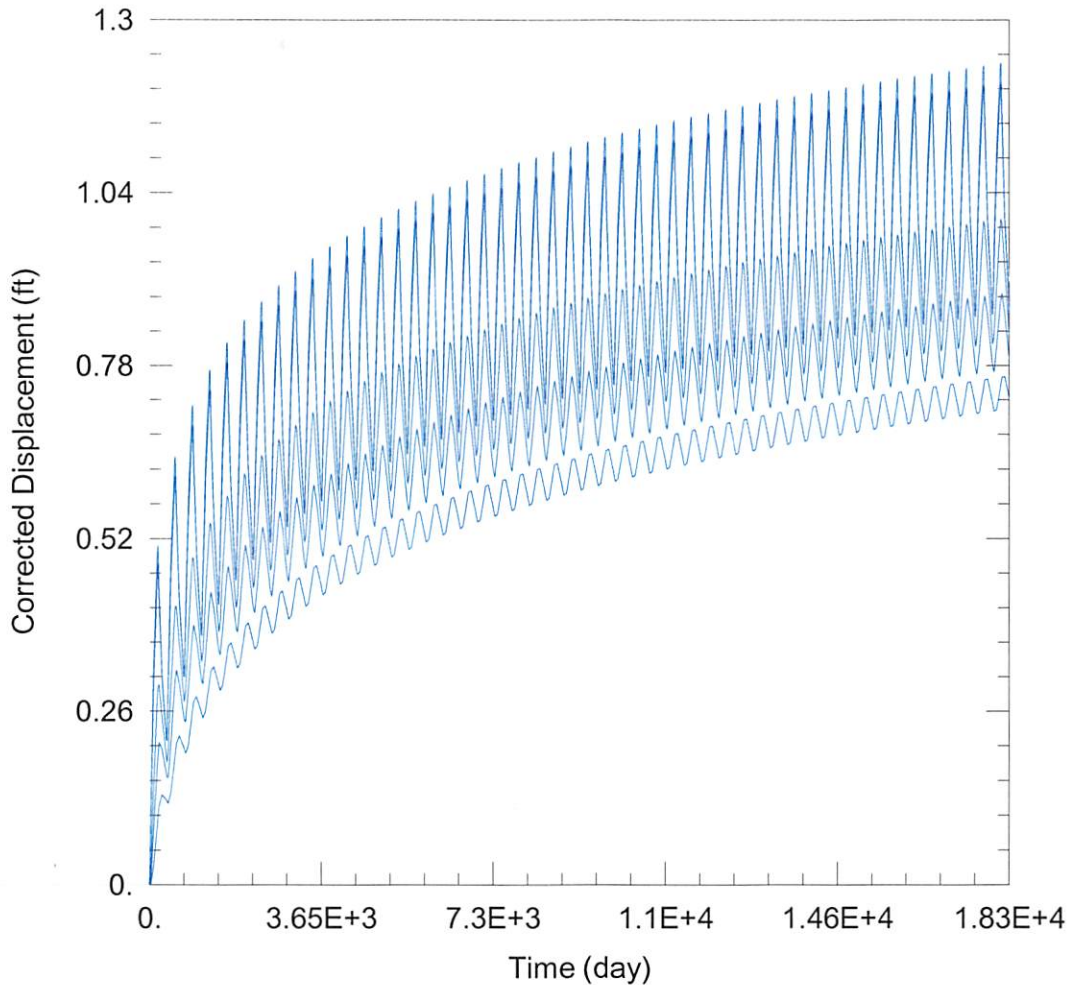
9403 & 10407: Drawdown from current location = 1.00 ft
Drawdown from proposed location = 2.45 ft
Net drawdown = **1.5 ft**

Domestic 20-29-34: Drawdown from current location = 0.76 ft
Drawdown from proposed location = 2.50 ft
Net drawdown = **1.7 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 is unlikely to cause impairment. GMD3 staff recommends approval of this proposal.



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2022_moves\21870\21870 Current.aqt

Date: 03/02/22

Time: 15:31:41

PROJECT INFORMATION

Company: GMD 3

Project: 21870

Location: Haskell County

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
21870	-81644	230404

Observation Wells

Well Name	X (ft)	Y (ft)
□	-81644	230404
□ 15140	-84097	234377
□ 14261 ID2	-84166	230852
□ 14261 ID3	-78974	230742
□ 9403 & 10407	-84407	227841
□ Domestic 20-29-34	-77082	234370

SOLUTION

Aquifer Model: Unconfined

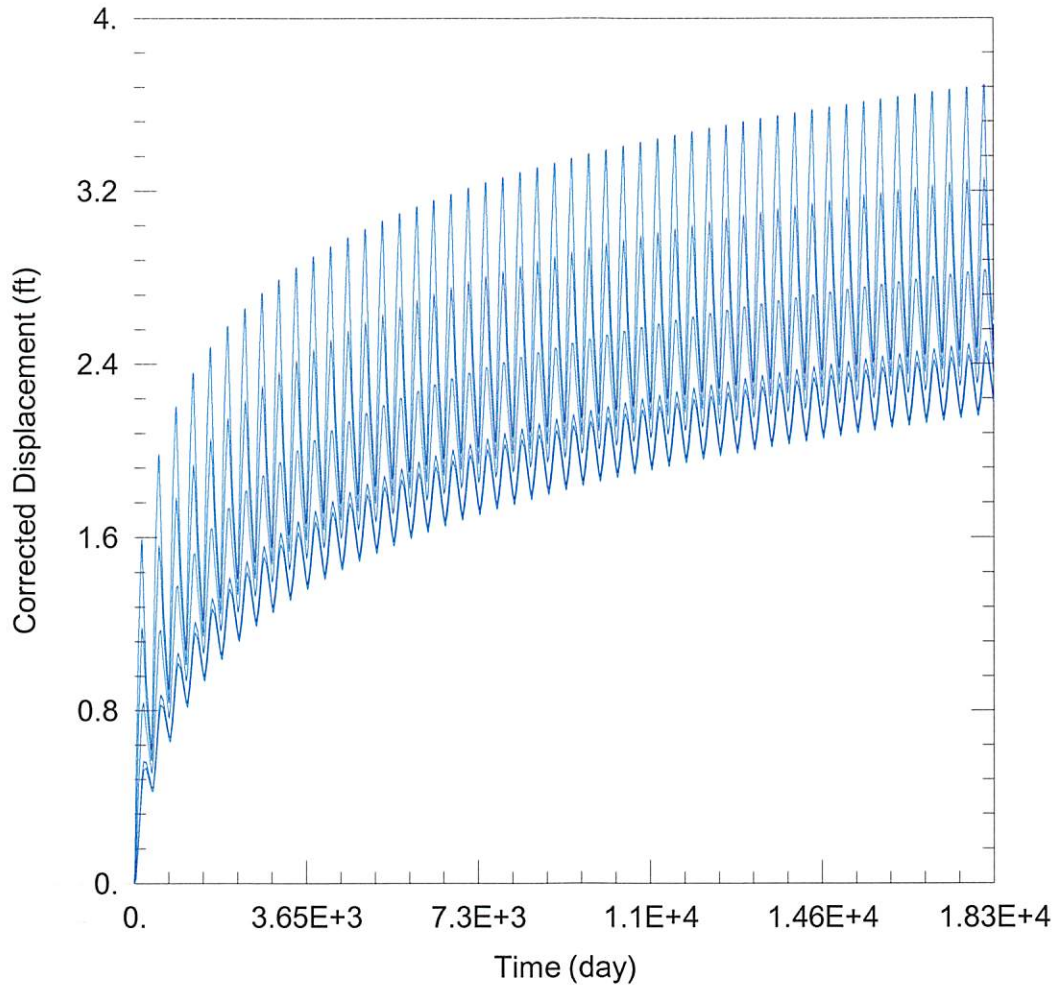
Solution Method: Theis

T = 1.489E+4 ft²/day

S = 0.2822

Kz/Kr = 1.

b = 238. ft



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2022_moves\21870\21870 Proposed.aqt
 Date: 03/02/22 Time: 15:31:35

PROJECT INFORMATION

Company: GMD 3
 Project: 21870
 Location: Haskell County

WELL DATA

Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
21870	-81204	231753	□	-81204	231753
			□ 15140	-84097	234377
			□ 14261 ID2	-84166	230852
			□ 14261 ID3	-78974	230742
			□ 9403 & 10407	-84407	227841
			□ Domestic 20-29-34	-77082	234370

SOLUTION

Aquifer Model: <u>Unconfined</u>	Solution Method: <u>Theis</u>
T = <u>1.489E+4</u> ft ² /day	S = <u>0.2822</u>
Kz/Kr = <u>1.</u>	b = <u>238.</u> ft