



13667: Drawdown from current location = 0.47 ft  
Drawdown from proposed location = 0.73 ft  
Net drawdown = **0.3 ft**

14580: Drawdown from current location = 0.57 ft  
Drawdown from proposed location = 1.01 ft  
Net drawdown = **0.4 ft**

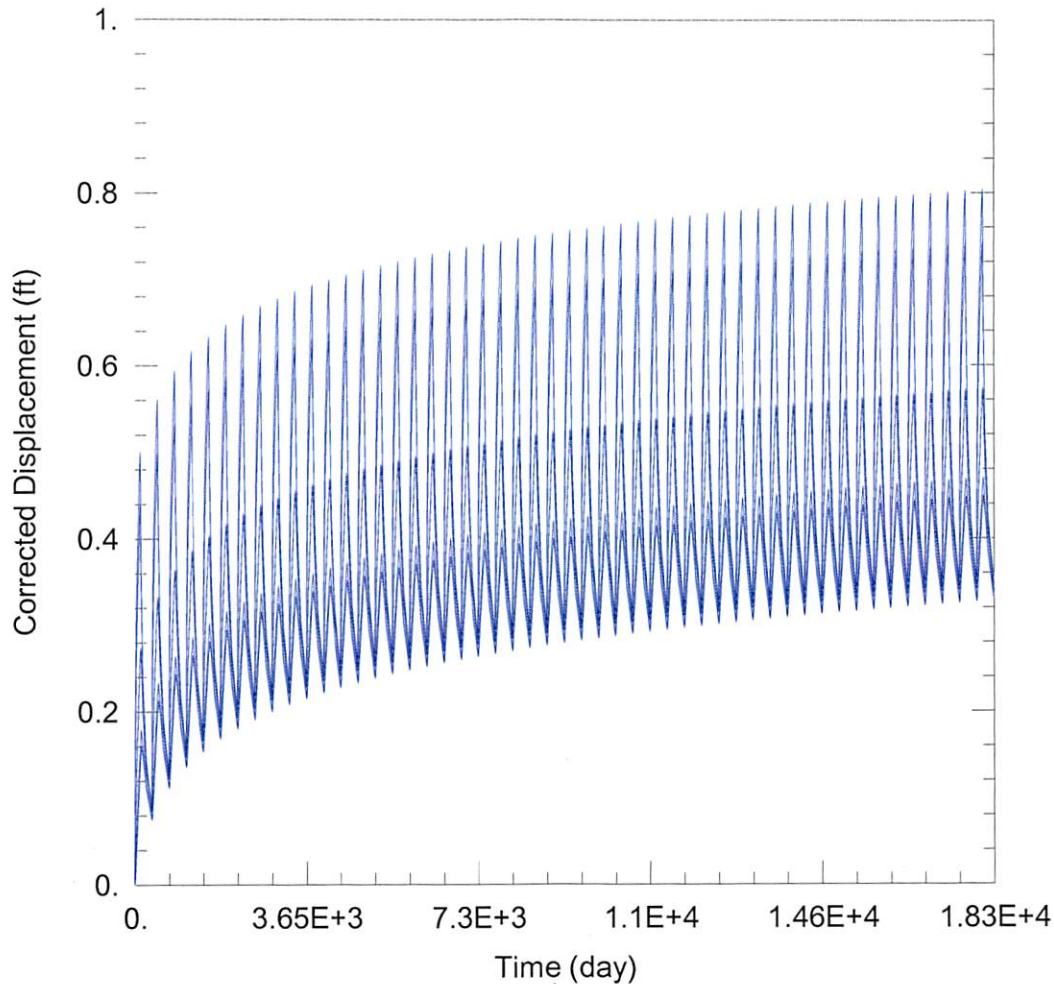
32660: Drawdown from current location = 0.45 ft  
Drawdown from proposed location = 1.05 ft  
Net drawdown = **0.6 ft**

Domestic 26-26-33: Drawdown from current location = 0.80 ft  
Drawdown from proposed location = 0.89 ft  
Net drawdown = **0.1 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\jasonn\Desktop\2020\Applications\29448\_Hands\29448 Current.aqt  
 Date: 03/31/20 Time: 16:48:19

### PROJECT INFORMATION

Company: GMD 3  
 Project: 29448  
 Location: Finney County  
 Test Well: 29448

### WELL DATA

#### Pumping Wells

Well Name	X (ft)	Y (ft)
29448 ID 3	-31006	323197

#### Observation Wells

Well Name	X (ft)	Y (ft)
□	-31006	323197
□ 1930 ID 5	-27929	321816
□ 22115 ID 5	-31920	325087
□ 13667 ID 4	-31937	327865
□ 14580 ID 5	-30809	326604
□ 32660 ID 4	-27558	326988
□ Domestic 26-26-33	-30806	321426

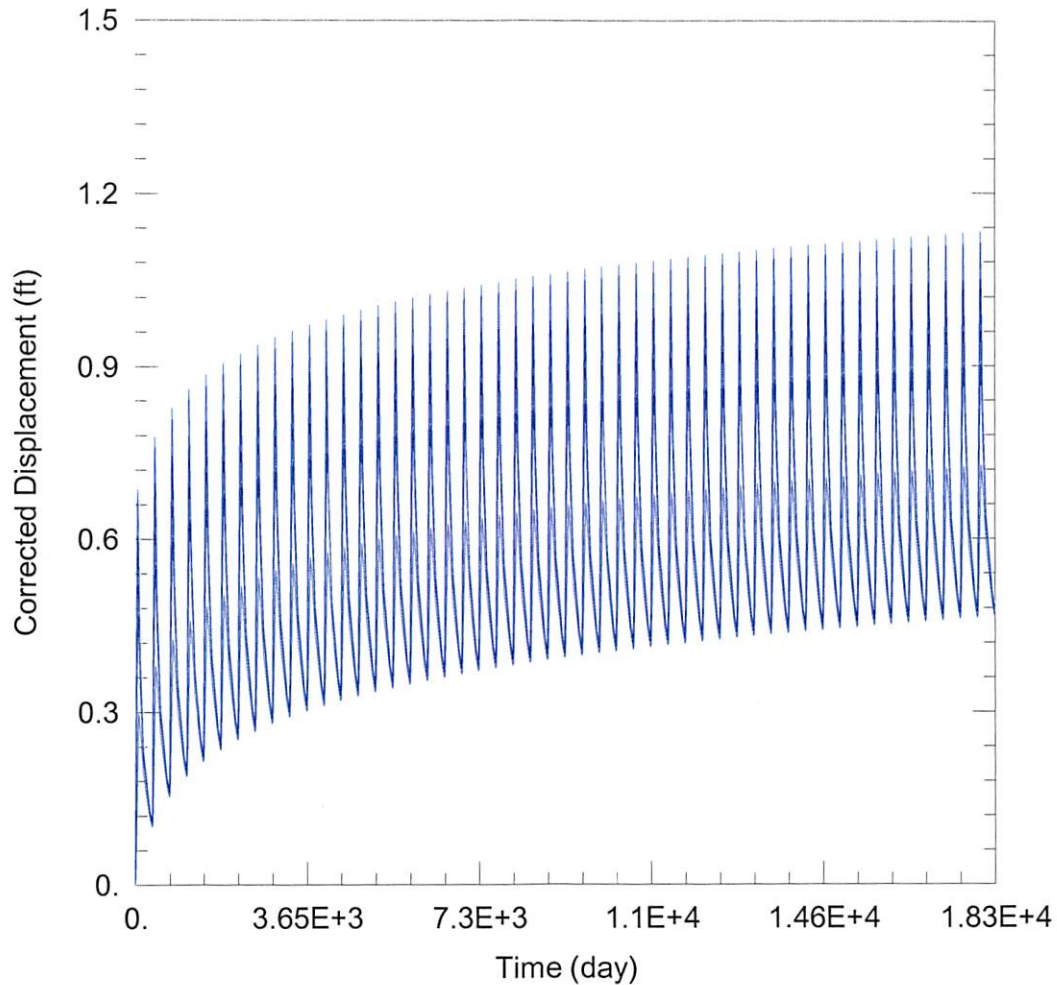
### SOLUTION

Aquifer Model: Unconfined

Solution Method: Theis

T = 2.367E+4 ft<sup>2</sup>/day  
 Kz/Kr = 1.

S = 0.1812  
 b = 272. ft



### WELL TEST ANALYSIS

Data Set: C:\Users\jasonn\Desktop\2020\Applications\29448\_Hands\29448 Proposed.aqt  
 Date: 03/31/20 Time: 16:48:40

### PROJECT INFORMATION

Company: GMD 3  
 Project: 29448  
 Location: Finney County  
 Test Well: 29448

### WELL DATA

#### Pumping Wells

Well Name	X (ft)	Y (ft)
29448 ID 3	-28779	324340

#### Observation Wells

Well Name	X (ft)	Y (ft)
□	-28779	324340
□ 1930 ID 5	-27929	321816
□ 22115 ID 5	-31920	325087
□ 13667 ID 4	-31937	327865
□ 14580 ID 5	-30809	326604
□ 32660 ID 4	-27558	326988
□ Domestic 26-26-33	-30806	321426

### SOLUTION

Aquifer Model: Unconfined

Solution Method: Theis

T =  $2.367E+4$  ft<sup>2</sup>/day  
 Kz/Kr = 1.

S = 0.1812  
 b = 272. ft



## GMD3 Change Review

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File No(s): 29448 .

DWR office: GMD3/DWR .

App filed to change: PD .

Is Landowner(s) correct in WRIS: SGC Land LLC (Hands) .

If NO, is documentation included?

Is Water Use Correspondent correct in WRIS?    .

If NO, is documentation included?

Regulation(s) Reviewed: KAR 5-23-3

Point of diversion ID No(s) 03 being changed.

	ft. North	ft. West	
Authorized PD	4100	5200	Sect 26-26-33
Proposed PD	5227	2966	
Difference	-1127 n	2234 e	
$a^2 + b^2 = c^2$	1270129	4990756	2502.176 foot move NE

GPS for proposed PD: Lat: 37.76572 Long: -100.89942 .

Is proposed PD stacking on existing WRs? NO .

Is Proposed PU overlapping existing WRs? No Change .

Neighboring certified well(s) notified:    .

Name Tri-Stone Farms Inc. (13667 WUC) .

Address 10925 S Sandhill RD .

Zip Garden City, KS 67846 .

Name Glenn C Voth (1930) .

Address 2230 E Lear RD .

Zip Garden City, KS 67846 .

Base Acres:    .

Perfected Acres:    .

Irr. Return-Flow    %

Is a waiver needed: Move less than half mile and minimum spacing is met to neighboring wells .

Recommendation:    .