



42025: Drawdown from current location = 5.87 ft  
Drawdown from proposed location = 9.01 ft  
Net drawdown = **3.1 ft**

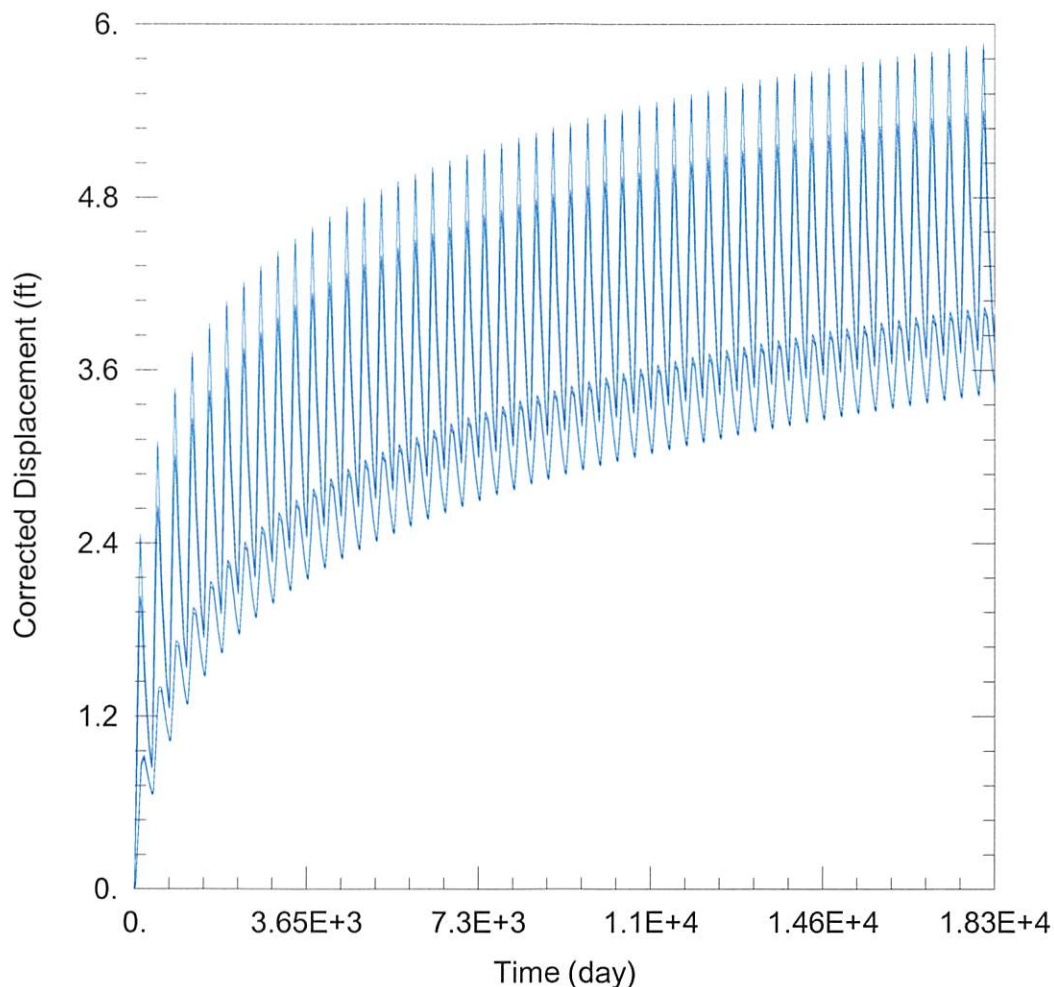
25674: Drawdown from current location = 4.04 ft  
Drawdown from proposed location = 6.48 ft  
Net drawdown = **2.4 ft**

42031: Drawdown from current location = 4.00 ft  
Drawdown from proposed location = 6.43 ft  
Net drawdown = **2.4 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\2021\_Moves\9437\9437 Current.aqt

Date: 11/17/21

Time: 16:17:57

### PROJECT INFORMATION

Company: GMD 3

Project: 9437 DA

Location: Stevens County

### WELL DATA

#### Pumping Wells

Well Name	X (ft)	Y (ft)
42023	-215726	52847

#### Observation Wells

Well Name	X (ft)	Y (ft)
□	-215726	52847
□ 41405	-214596	55488
□ 42025	-215308	50335
□ 25674	-211474	51393
□ 42031	-211309	53955

### SOLUTION

Aquifer Model: Unconfined

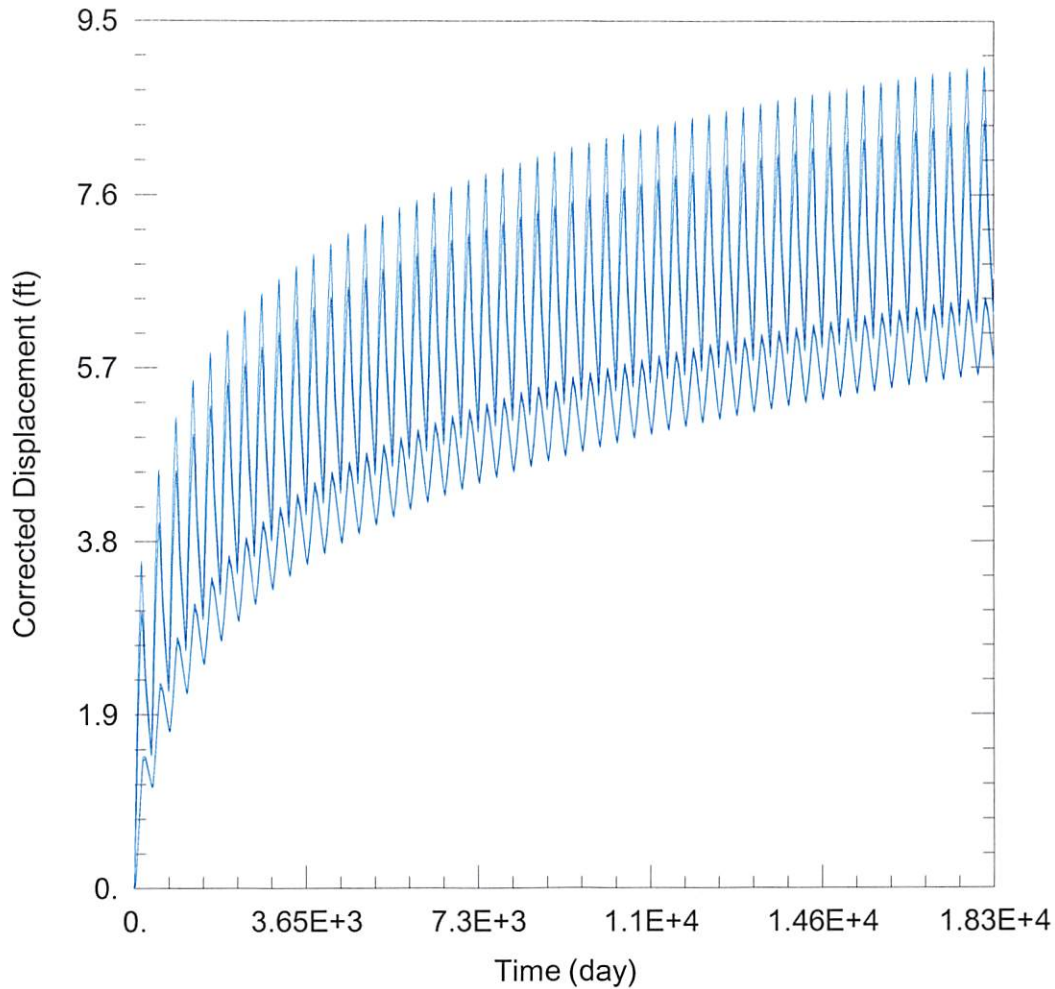
Solution Method: Theis

T = 4757.3 ft<sup>2</sup>/day

S = 0.1077

Kz/Kr = 1.

b = 204. ft



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2021\_Moves\9437\9437 Proposed.aqt  
 Date: 11/17/21 Time: 16:17:50

PROJECT INFORMATION

Company: GMD 3  
 Project: 9437 DA  
 Location: Stevens County

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
42023	-215726	52847

Observation Wells

Well Name	X (ft)	Y (ft)
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SOLUTION

Aquifer Model: Unconfined

Solution Method: Thisis

T = 4757.3 ft<sup>2</sup>/day

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b = 204. ft