

43143 & 44490: Drawdown from current location = 2.14 ft
Drawdown from proposed location = 4.47 ft
Net drawdown = **2.3 ft**

Domestic 1: Drawdown from current location = 2.37 ft
Drawdown from proposed location = 5.83 ft
Net drawdown = **3.5 ft**

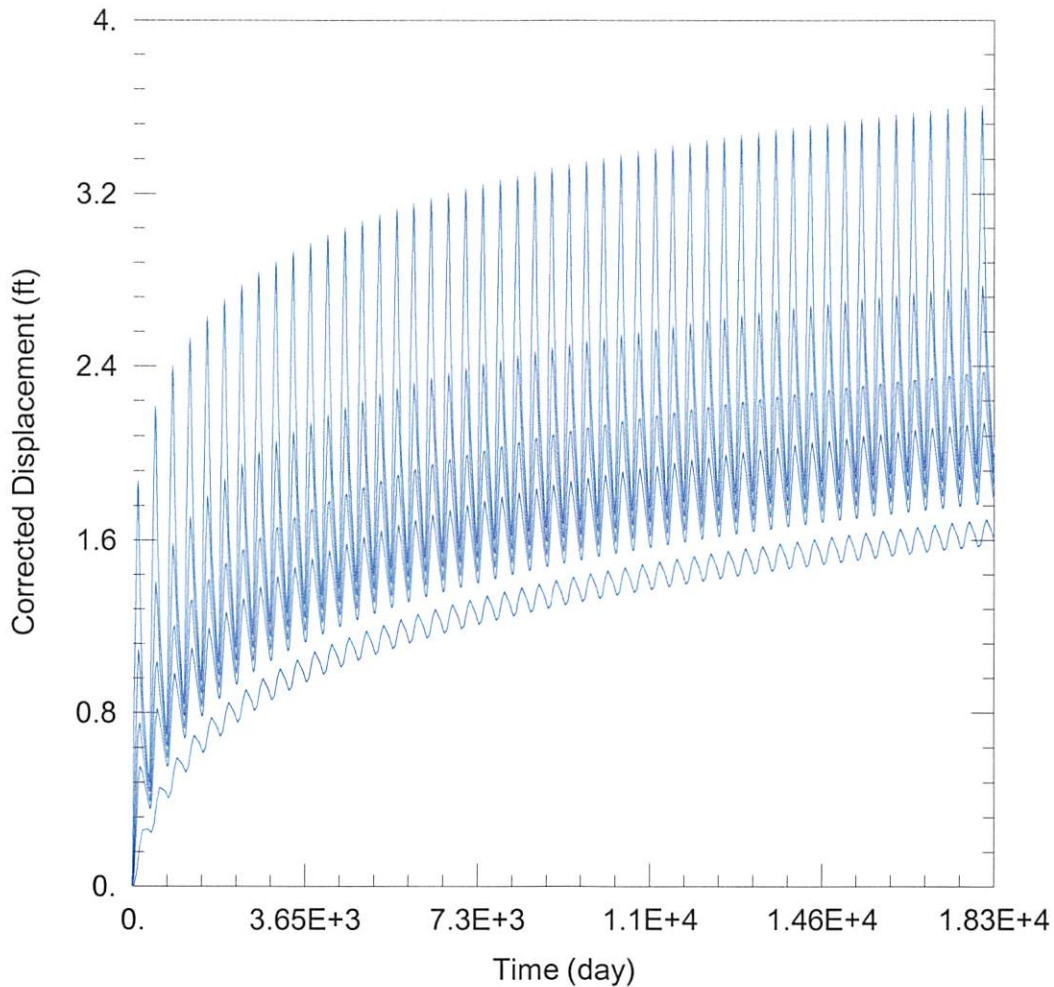
Domestic 2: Drawdown from current location = 3.61 ft
Drawdown from proposed location = 6.68 ft
Net drawdown = **3.1 ft**

Domestic 3: Drawdown from current location = 1.70 ft
Drawdown from proposed location = 3.54 ft
Net drawdown = **1.8 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\43133\43133 Current.aqt

Date: 06/30/21

Time: 16:14:55

PROJECT INFORMATION

Company: GMD 3

Project: 43133

Location: Stevens County

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
43133	-130803	86680

Observation Wells

Well Name	X (ft)	Y (ft)
□	-130803	86680
□ 44683 & 45162	-130762	89112
□ 43143 & 44490	-133239	89394
□ Domestic 1	-133864	86896
□ Domestic 2	-131216	88204
□ Domestic 3	-132540	81634

SOLUTION

Aquifer Model: Unconfined

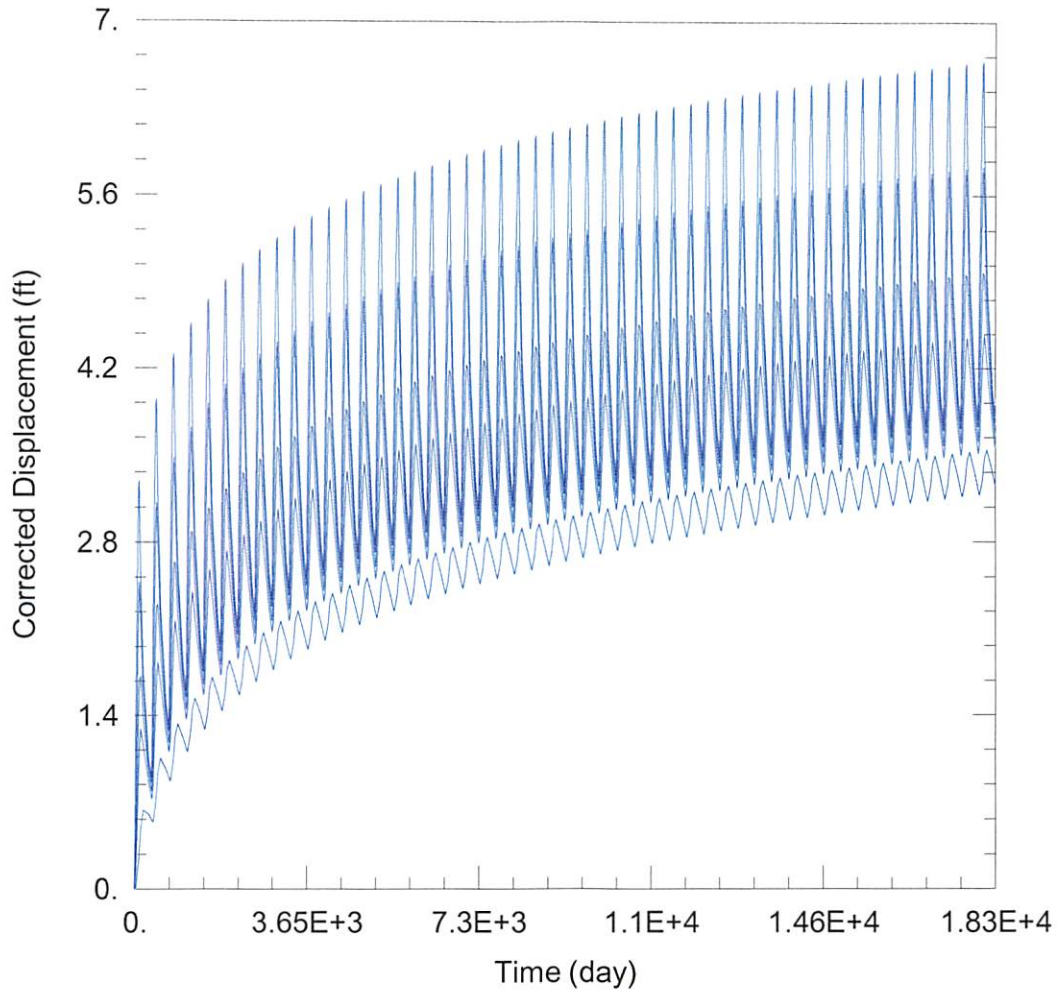
Solution Method: Theis

T = 5812.1 ft²/day

S = 0.1644

Kz/Kr = 1.

b = 370. ft



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2021_Moves\43133\43133 Proposed.aqt

Date: 06/30/21

Time: 16:14:47

PROJECT INFORMATION

Company: GMD 3

Project: 43133

Location: Stevens County

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
43133	-131641	86426

Observation Wells

Well Name	X (ft)	Y (ft)
□	-131641	86426
□ 44683 & 45162	-130762	89112
□ 43143 & 44490	-133239	89394
□ Domestic 1	-133864	86896
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