

13752: Drawdown from current location = 0.61 ft
Drawdown from proposed location = 1.09 ft
Net drawdown = **0.5 ft**

12302: Drawdown from current location = 0.61 ft
Drawdown from proposed location = 1.240 ft
Net drawdown = **0.6 ft**

21192: Drawdown from current location = 0.61 ft
Drawdown from proposed location = 1.52 ft
Net drawdown = **0.9 ft**

3796: Drawdown from current location = 0.44 ft
Drawdown from proposed location = 1.04 ft
Net drawdown = **0.6 ft**

19353: Drawdown from current location = 0.46 ft
Drawdown from proposed location = 1.15 ft
Net drawdown = **0.7 ft**

Domestic 1: Drawdown from current location = 0.64 ft
Drawdown from proposed location = 1.18 ft
Net drawdown = **0.5 ft**

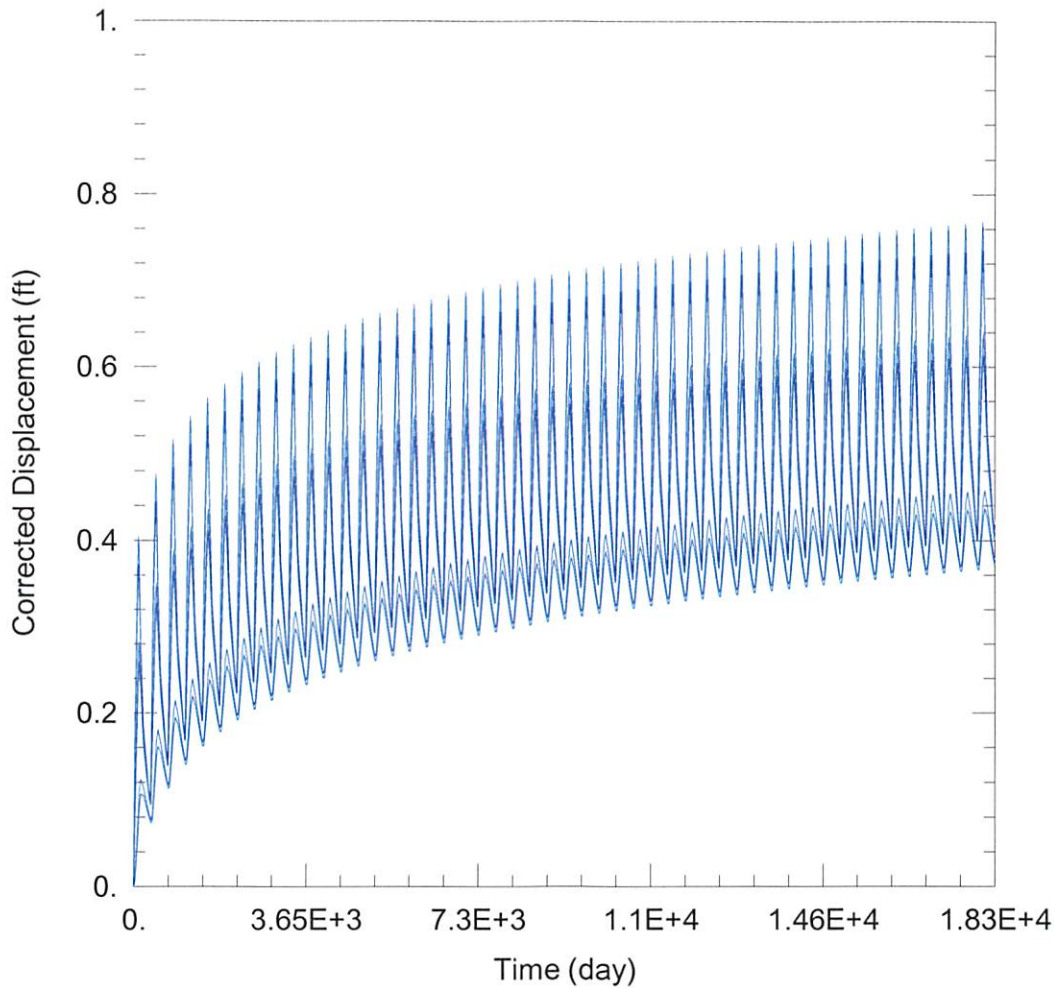
Domestic 2: Drawdown from current location = 0.74 ft
Drawdown from proposed location = 2.37 ft
Net drawdown = **1.6 ft**

Domestic 3: Drawdown from current location = 0.77 ft
Drawdown from proposed location = 1.22 ft
Net drawdown = **0.5 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\trevora\Documents\2020_moves\15943_19353\15943_19353 Current.aqt
 Date: 07/10/20 Time: 16:41:47

PROJECT INFORMATION

Company: GMD 3
 Project: 15943 & 19353
 Location: Finney County
 Test Well: 15943 & 19353

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
15943 & 19353	18126	316363

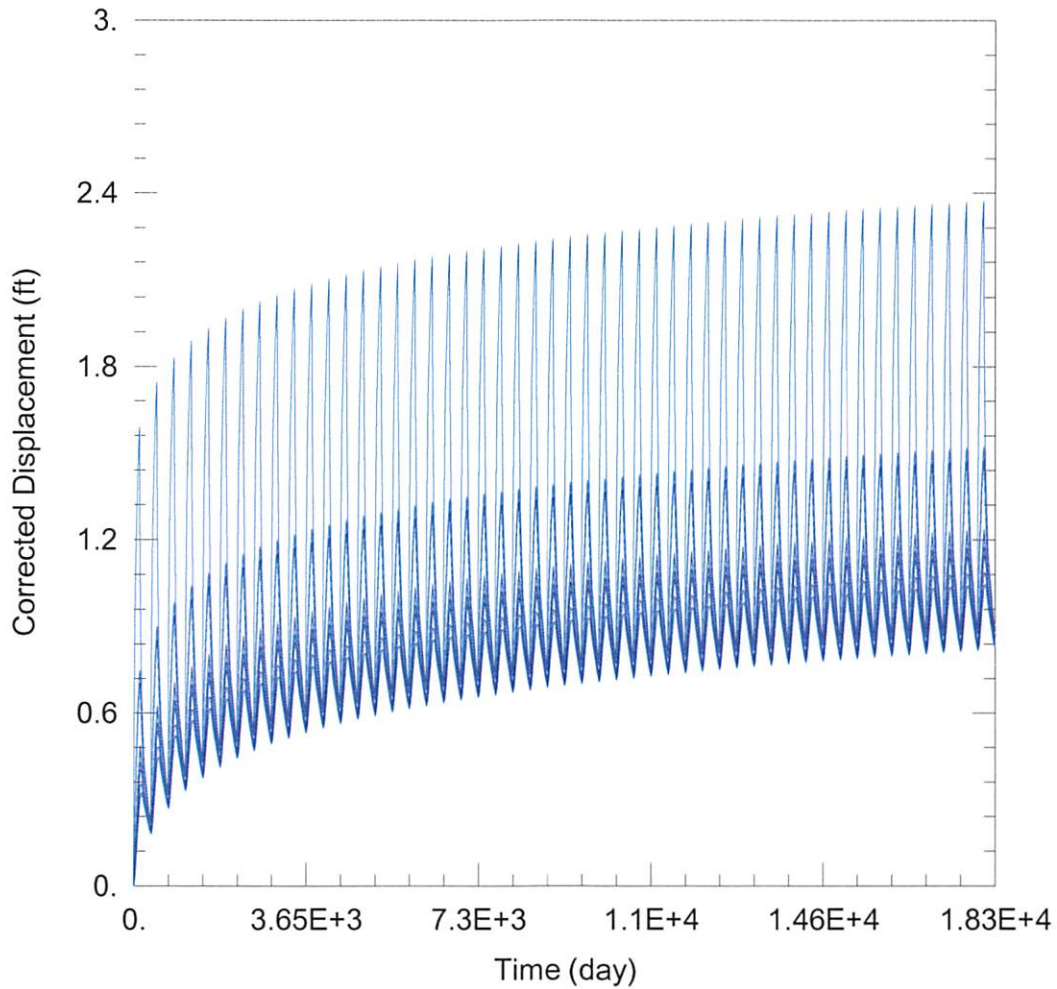
Observation Wells

Well Name	X (ft)	Y (ft)
□	18126	316363
□ 28183	20278	314974
□ 13752	16616	319434
□ 12302	14941	317636
□ 21192	14966	315058
□ 3796	12934	313760
□ 19353	18315	310960
□ Domestic 1	15909	318681
□ Domestic 2	17176	314023
□ Domestic 3	18536	318680

SOLUTION

Aquifer Model: Unconfined

Solution Method: Theis



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2020_moves\15943_19353\15943_19353 Proposed.aqt
 Date: 07/10/20 Time: 16:41:41

PROJECT INFORMATION

Company: GMD 3
 Project: 15943 & 19353
 Location: Finney County
 Test Well: 15943 & 19353

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
15943 & 19353	17554	315037

Observation Wells

Well Name	X (ft)	Y (ft)
□	17554	315037
□ 28183	20278	314974
□ 13752	16616	319434
□ 12302	14941	317636
□ 21192	14966	315058
□ 3796	12934	313760
□ 19353	18315	310960
□ Domestic 1	15909	318681
□ Domestic 2	17176	314023
□ Domestic 3	18536	318680

SOLUTION

Aquifer Model: Unconfined

Solution Method: Thiele