



32073: Drawdown from current location = 0.28 ft  
Drawdown from proposed location = 0.56 ft  
Net drawdown = **0.3 ft**

32671: Drawdown from current location = 0.25 ft  
Drawdown from proposed location = 0.49 ft  
Net drawdown = **0.2 ft**

29939: Drawdown from current location = 0.21 ft  
Drawdown from proposed location = 0.41 ft  
Net drawdown = **0.2 ft**

22575: Drawdown from current location = 0.28 ft  
Drawdown from proposed location = 0.56 ft  
Net drawdown = **0.3 ft**

22941: Drawdown from current location = 0.24 ft  
Drawdown from proposed location = 0.54 ft  
Net drawdown = **0.3 ft**

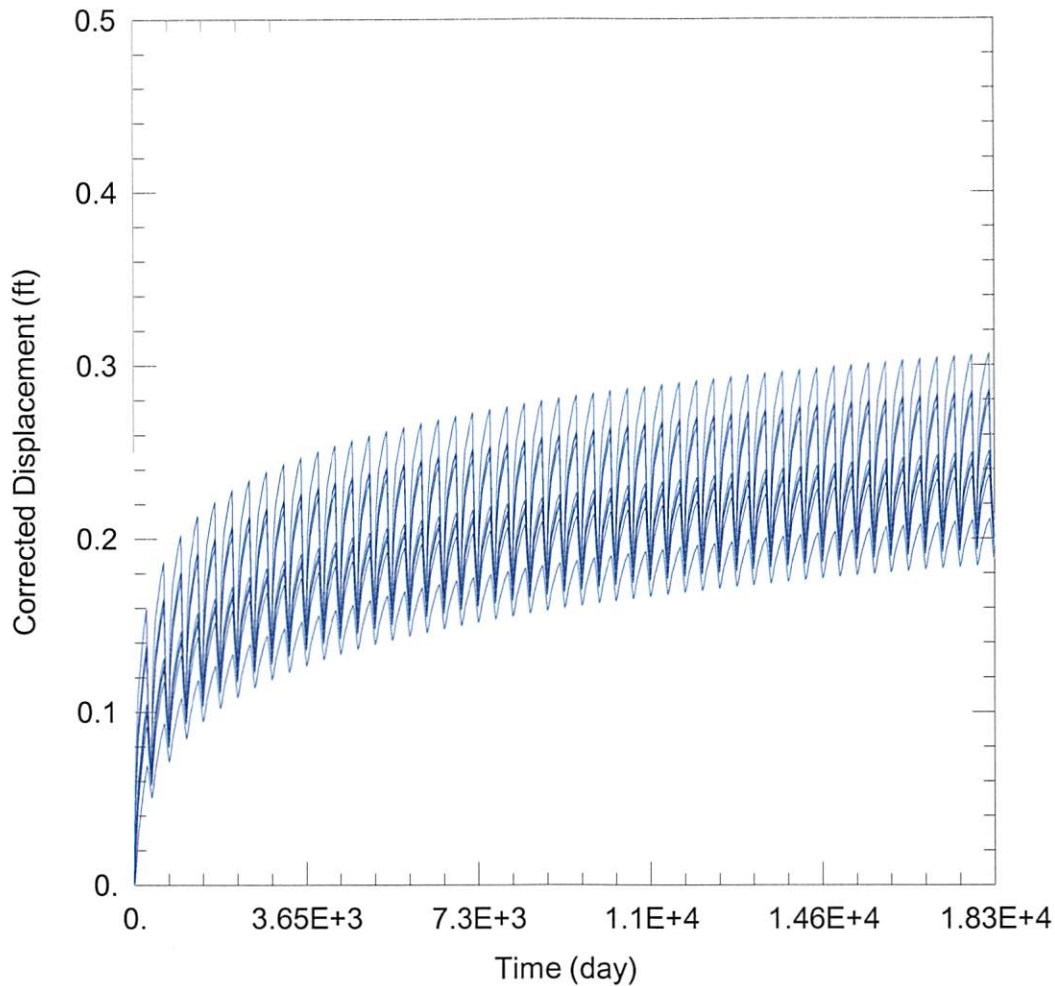
29946 ID 3: Drawdown from current location = 0.25 ft  
Drawdown from proposed location = 0.75 ft  
Net drawdown = **0.5 ft**

29946 ID 4: Drawdown from current location = 0.29 ft  
Drawdown from proposed location = 1.13 ft  
Net drawdown = **0.8 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\29938\29938 Current.aqt

Date: 05/27/20

Time: 14:52:18

PROJECT INFORMATION

Company: GMD 3  
 Project: 29938 ID 1  
 Location: Finney County  
 Test Well: 29938 ID 1

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
29938 ID 1	-58719	338977

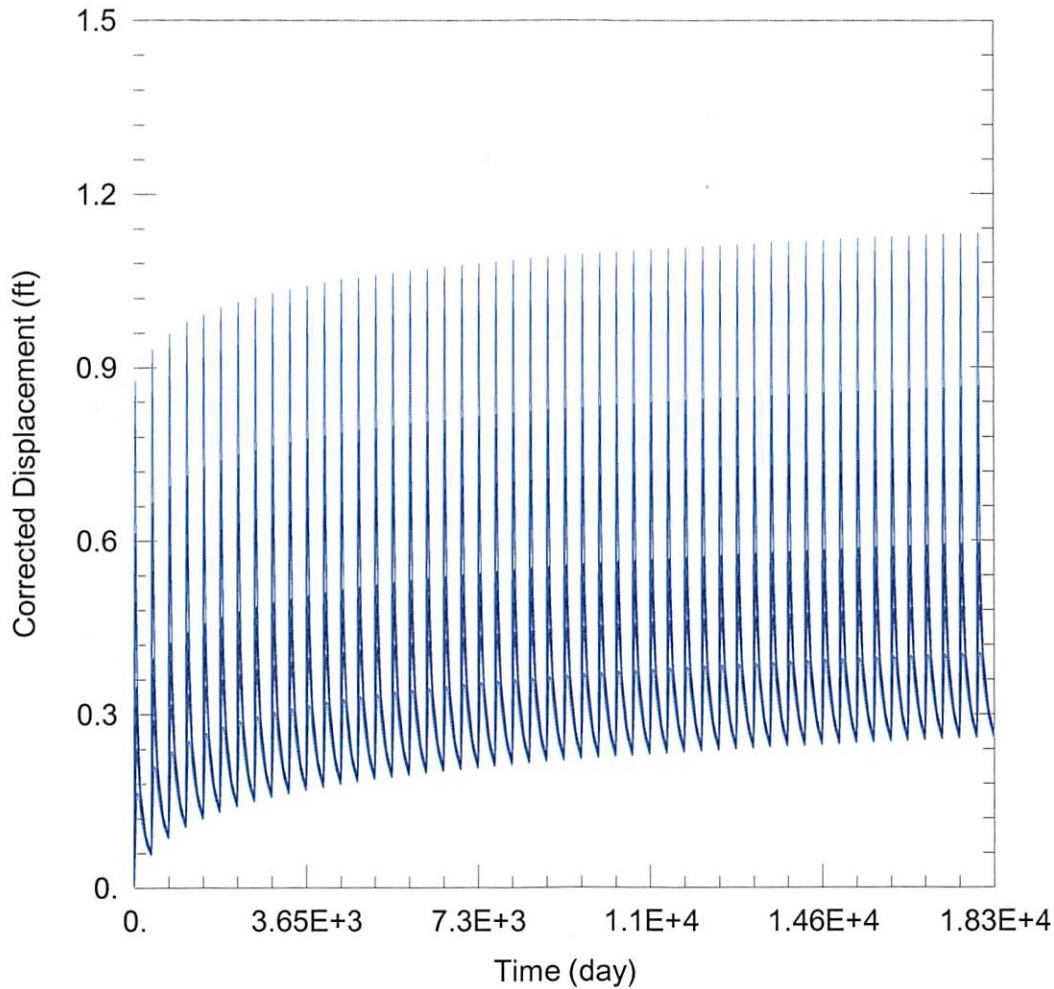
Observation Wells

Well Name	X (ft)	Y (ft)
□	-58719	338977
□ 29938 ID 6	-62270	339913
□ 22938 ID 7	-57027	339854
□ 32073	-58653	336573
□ 32671	-61275	336464
□ 29939	-63905	338435
□ 22575	-56780	337370
□ 22941	-55734	341578
□ 29946 ID 3	-61127	341400
□ 29946 ID 4	-58650	341354

SOLUTION

Aquifer Model: Unconfined

Solution Method: Theis



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2020\_moves\29938\29938 Proposed.aqt  
 Date: 05/27/20 Time: 14:52:10

PROJECT INFORMATION

Company: GMD 3  
 Project: 29938 ID 1  
 Location: Finney County  
 Test Well: 29938 ID 1

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
29938 ID 1	-59083	340009

Observation Wells

Well Name	X (ft)	Y (ft)
□	-59083	340009
□ 29938 ID 6	-62270	339913
□ 22938 ID 7	-57027	339854
□ 32073	-58653	336573
□ 32671	-61275	336464
□ 29939	-63905	338435
□ 22575	-56780	337370
□ 22941	-55734	341578
□ 29946 ID 3	-61127	341400
□ 29946 ID 4	-58650	341354

SOLUTION

Aquifer Model: Unconfined

Solution Method: Thoris