



6227: Drawdown from current location = 0.64 ft  
Drawdown from proposed location = 1.57 ft  
Net drawdown = **0.9 ft**

20292: Drawdown from current location = 0.88 ft  
Drawdown from proposed location = 2.20 ft  
Net drawdown = **1.3 ft**

11532: Drawdown from current location = 0.70 ft  
Drawdown from proposed location = 1.44 ft  
Net drawdown = **0.7 ft**

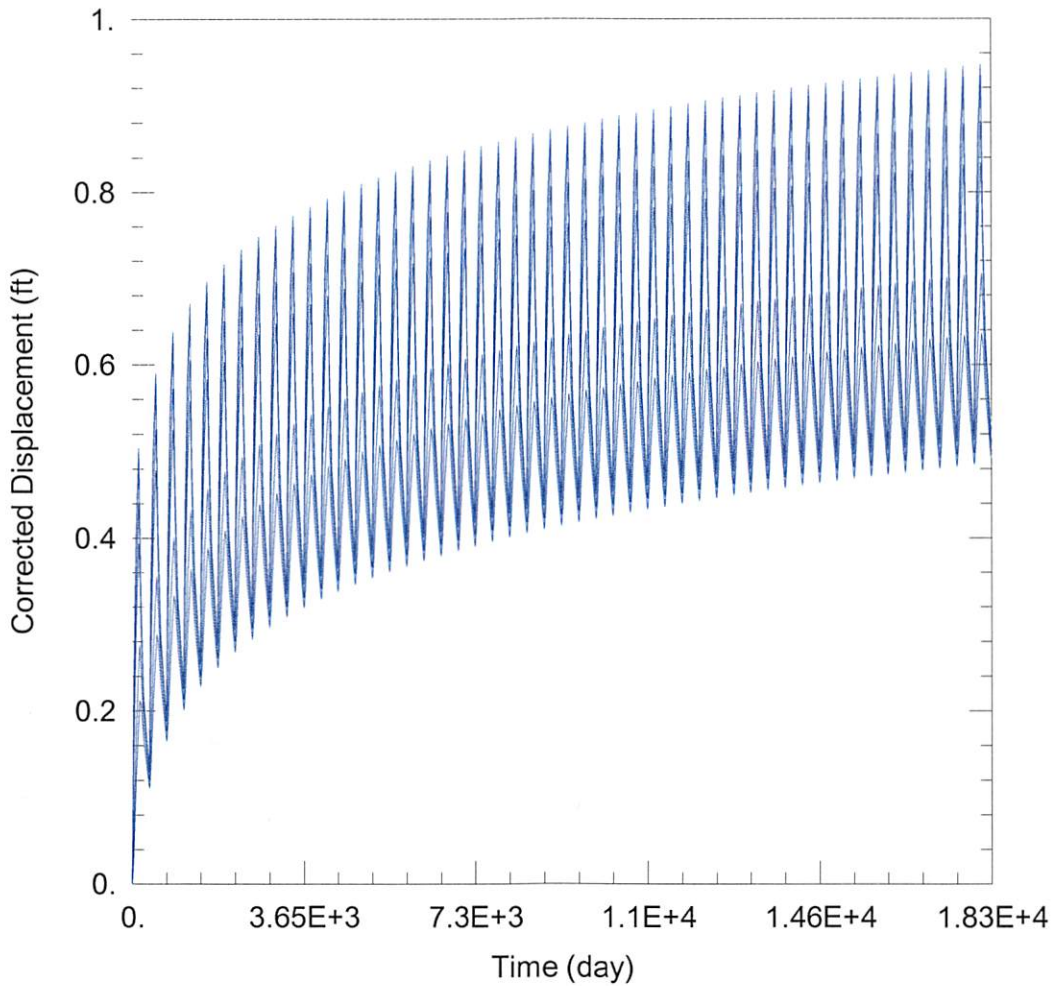
20045: Drawdown from current location = 0.93 ft  
Drawdown from proposed location = 1.67 ft  
Net drawdown = **0.7 ft**

Domestic 14-29-34: Drawdown from current location = 0.95 ft  
Drawdown from proposed location = 1.43 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\9408\9408 Current.aqt

Date: 11/10/20

Time: 16:10:11

PROJECT INFORMATION

Company: GMD 3

Project: 9408

Location: Haskell County

Test Well: 9408

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
9408	-60442	236914

Observation Wells

Well Name	X (ft)	Y (ft)
□	-60442	236914
□ 11394	-64286	235661
□ 3519	-65525	239095
□ 6227	-66801	238679
□ 20292	-62693	239775
□ 11532	-62678	241969
□ 20045	-60376	233632
□ Domestic 14-29-34	-58167	234726

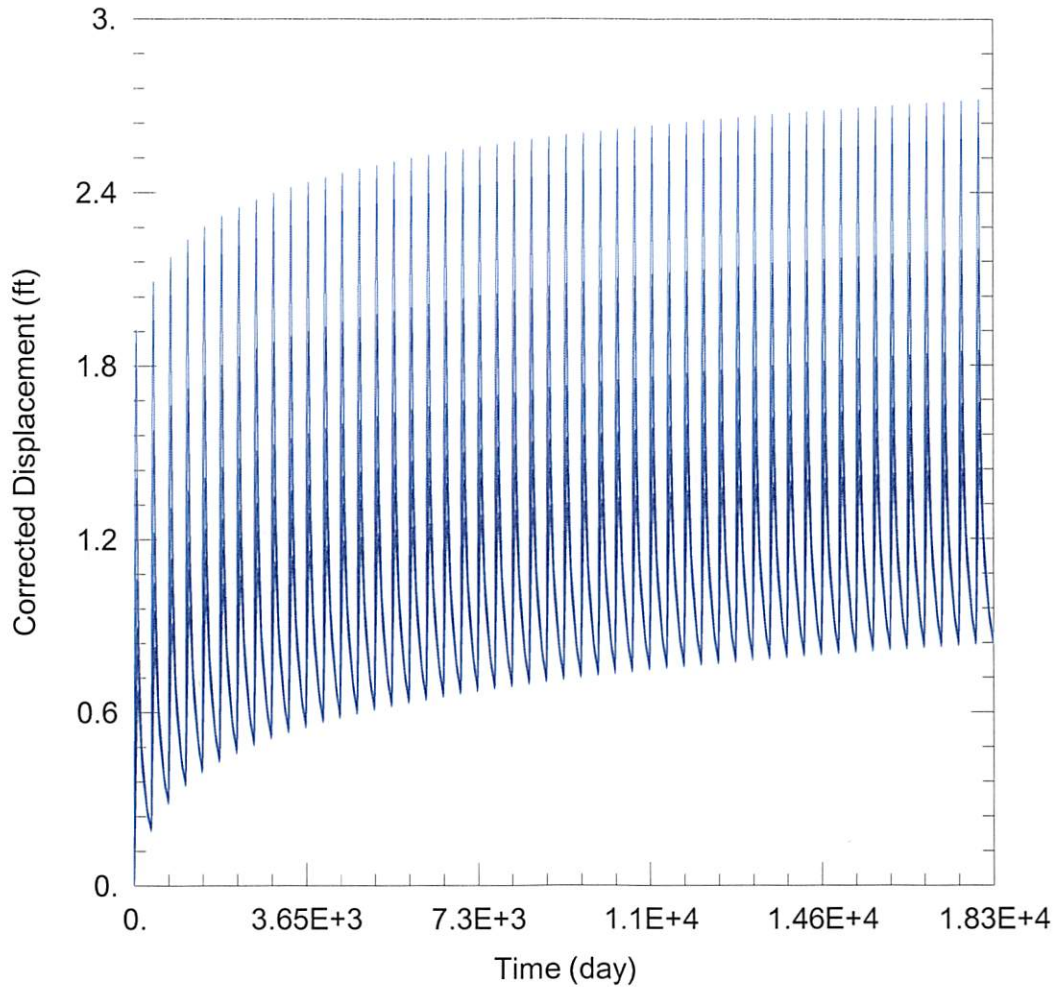
SOLUTION

Aquifer Model: Unconfined

Solution Method: Theis

T = 1.652E+4 ft<sup>2</sup>/day

S = 0.08333



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2020\_moves\9408\9408 Proposed.aqt

Date: 11/10/20

Time: 16:10:05

PROJECT INFORMATION

Company: GMD 3

Project: 9408

Location: Haskell County

Test Well: 9408

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
9408	-62698	236962

Observation Wells

Well Name	X (ft)	Y (ft)
□	-62698	236962
□ 11394	-64286	235661
□ 3519	-65525	239095
□ 6227	-66801	238679
□ 20292	-62693	239775
□ 11532	-62678	241969
□ 20045	-60376	233632
□ Domestic 14-29-34	-58167	234726

SOLUTION

Aquifer Model: Unconfined

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