

14604: Drawdown from current location = 1.98 ft
Drawdown from proposed location = 5.83 ft
Net drawdown = **3.8 ft**

22692: Drawdown from current location = 2.25 ft
Drawdown from proposed location = 7.38 ft
Net drawdown = **5.1 ft**

27675 ID 1: Drawdown from current location = 1.69 ft
Drawdown from proposed location = 5.81 ft
Net drawdown = **4.1 ft**

27675 ID 4: Drawdown from current location = 1.97 ft
Drawdown from proposed location = 6.80 ft
Net drawdown = **4.8 ft**

27479: Drawdown from current location = 3.50 ft
Drawdown from proposed location = 13.02 ft
Net drawdown = **9.5 ft**

4331: Drawdown from current location = 2.51 ft
Drawdown from proposed location = 7.78 ft
Net drawdown = **5.3 ft**

Domestic 1: Drawdown from current location = 3.95 ft
Drawdown from proposed location = 14.38 ft
Net drawdown = **10.4 ft**

Domestic 2: Drawdown from current location = 3.13 ft
Drawdown from proposed location = 11.28 ft
Net drawdown = **8.1 ft**

Domestic 3: Drawdown from current location = 2.73 ft
Drawdown from proposed location = 8.44 ft
Net drawdown = **5.7 ft**

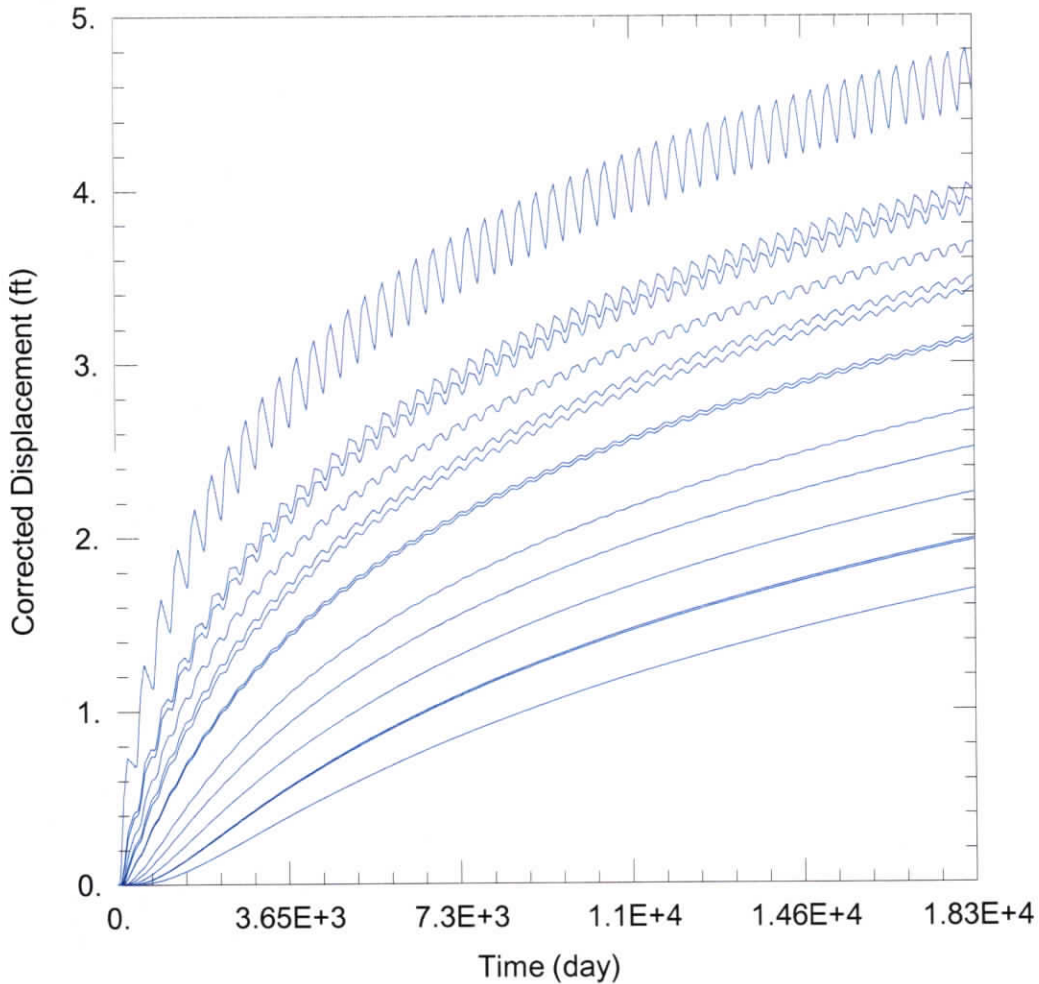
Domestic 4:	Drawdown from current location = 3.43 ft
	Drawdown from proposed location = 8.21 ft
	Net drawdown = 4.8 ft
Domestic 5:	Drawdown from current location = 4.81 ft
	Drawdown from proposed location = 10.70 ft
	Net drawdown = 5.9 ft
Domestic 6:	Drawdown from current location = 4.04 ft
	Drawdown from proposed location = 11.58 ft
	Net drawdown = 7.5 ft

Net drawdown exceeds the drawdown allowance of 1.0 ft for any wells within 1 mile of the proposed location. Remaining saturated thickness in the area is less than 60 ft and the GMD3 model predicts that reduction in saturated thickness will exceed 40% over the next 25 years, so all neighboring wells are considered critical.

Conclusion:

Based upon information from the GMD3 model, this proposal is likely to cause significant effects on neighboring wells. GMD3 staff recommends limiting the proposed well to a rate of 200 gpm and a quantity of 66.3 AF. The effects on neighboring wells with those limitations would be as follows:

29545:	Net drawdown = -0.3 ft
22694:	Net drawdown = -0.6 ft
14604:	Net drawdown = 0.0 ft
22692:	Net drawdown = 0.3 ft
27675 ID 1:	Net drawdown = 0.3 ft
27675 ID 4:	Net drawdown = 0.4 ft
27479:	Net drawdown = 1.0 ft
4331:	Net drawdown = 0.2 ft
Domestic 1:	Net drawdown = 1.0 ft
Domestic 2:	Net drawdown = 0.8 ft
Domestic 3:	Net drawdown = 0.2 ft
Domestic 4:	Net drawdown = -0.6 ft
Domestic 5:	Net drawdown = -1.1 ft



WELL TEST ANALYSIS

Data Set: C:\...\30113 Current.aqt
 Date: 12/16/20

Time: 10:04:50

PROJECT INFORMATION

Company: GMD 3
 Project: 30113
 Location: Ford County
 Test Well: 30113

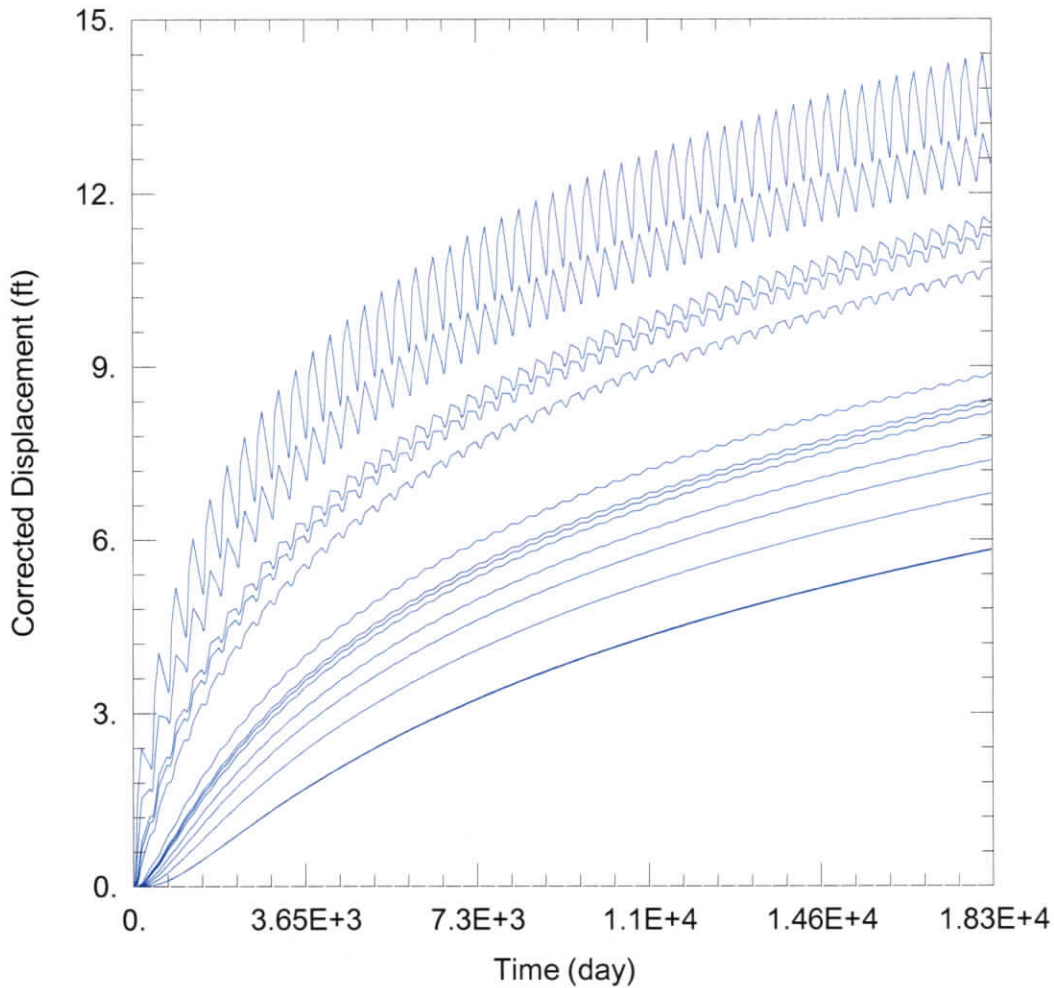
WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
30113	196389	308095

Observation Wells

Well Name	X (ft)	Y (ft)
□	196389	308095
□ 29545	199297	307883
□ 22694	195335	306027
□ 14604	191486	307930
□ 22692	192799	310531
□ 27675 ID1	194046	313229
□ 27675 ID4	196480	313026
□ 27479	196134	310606
□ 4331	199339	310574
□ Domestic 1	194947	309613
□ Domestic 2	195598	310929
□ Domestic 3	192992	308936
□ Domestic 4	198239	306278



WELL TEST ANALYSIS

Data Set: C:\...\30113 Proposed.aqt
 Date: 12/16/20

Time: 10:05:07

PROJECT INFORMATION

Company: GMD 3
 Project: 30113
 Location: Ford County
 Test Well: 30113

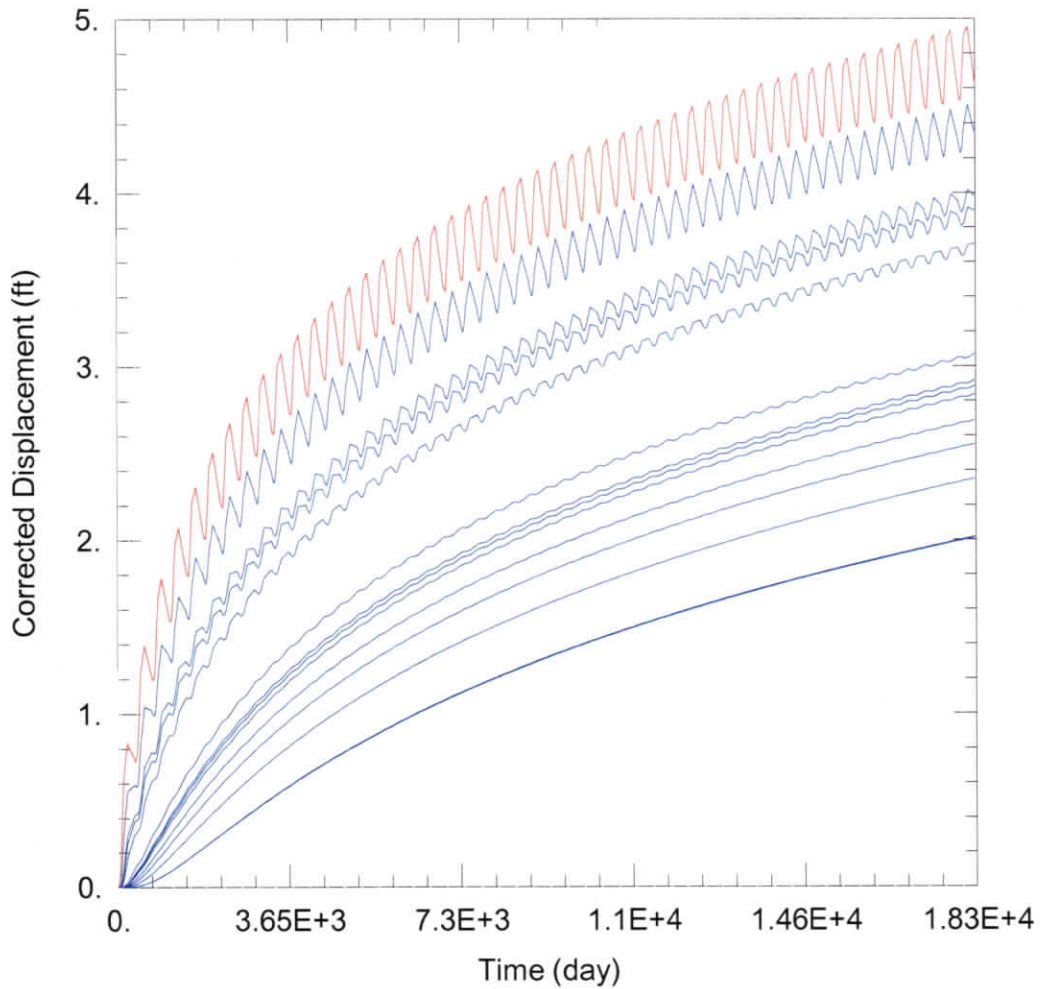
WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
30113	196205	308908

Observation Wells

Well Name	X (ft)	Y (ft)
□	196205	308908
□ 29545	199297	307883
□ 22694	195335	306027
□ 14604	191486	307930
□ 22692	192799	310531
□ 27675 ID1	194046	313229
□ 27675 ID4	196480	313026
□ 27479	196134	310606
□ 4331	199339	310574
□ Domestic 1	194947	309613
□ Domestic 2	195598	310929
□ Domestic 3	192992	308936
□ Domestic 4	198239	306278



WELL TEST ANALYSIS

Data Set: C:\...\30113 Reduction.aqt
 Date: 12/16/20

Time: 10:05:24

PROJECT INFORMATION

Company: GMD 3
 Project: 30113
 Location: Ford County
 Test Well: 30113

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
30113	196205	308908

Observation Wells

Well Name	X (ft)	Y (ft)
□	196205	308908
□ 29545	199297	307883
□ 22694	195335	306027
□ 14604	191486	307930
□ 22692	192799	310531
□ 27675 ID1	194046	313229
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□ 27479	196134	310606
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□ Domestic 1	194947	309613
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□ Domestic 4	198239	306278