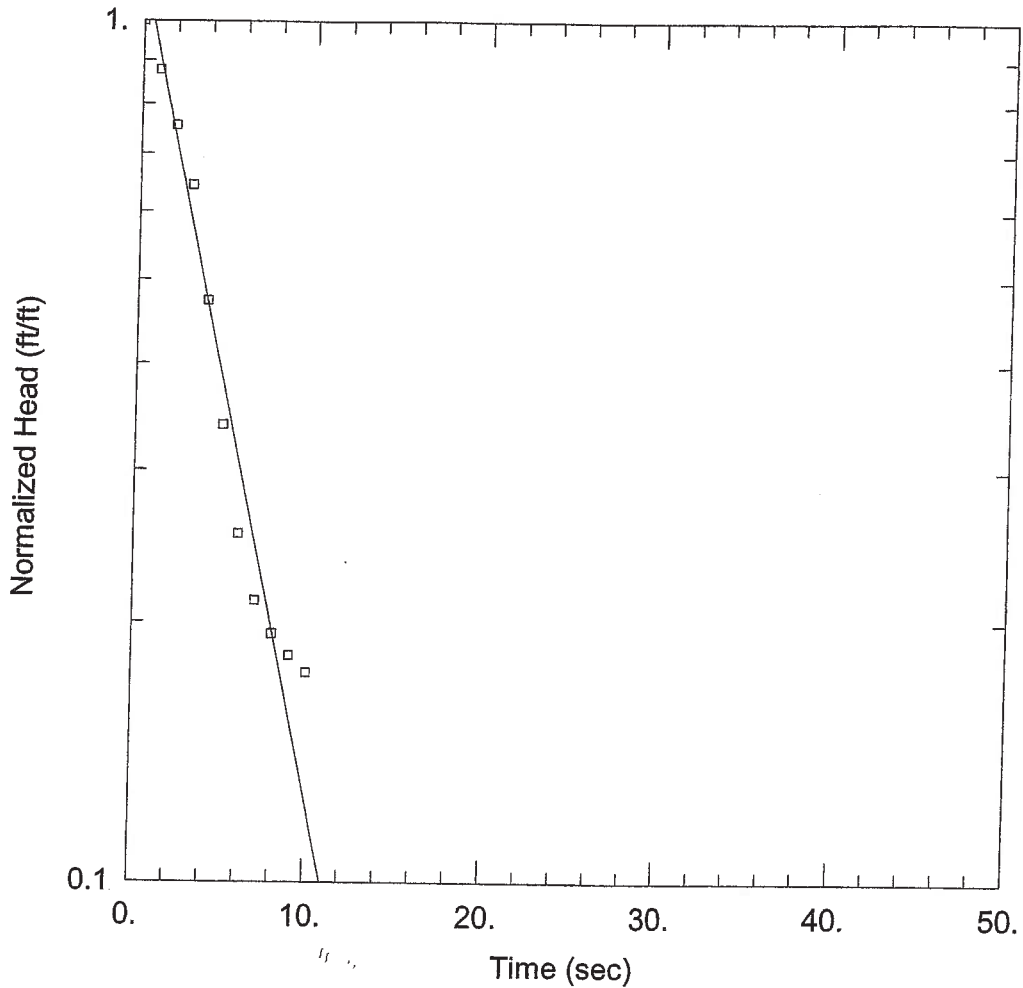


**APPENDIX D
SLUG TEST DATA**



WELL TEST ANALYSIS

Data Set: N:\Projects\063-7079 (Norcal - Winnemucca Project)\Slug Test Data\MW-1 OUT 4-12-07.aqt
 Date: 04/12/07 Time: 11:57:43

PROJECT INFORMATION

Company: Golder Associates, Inc
 Client: Nor Cal
 Project: 063-7079
 Location: Winnemucca, NV
 Test Well: MW-1
 Test Date: 2/01/07

AQUIFER DATA

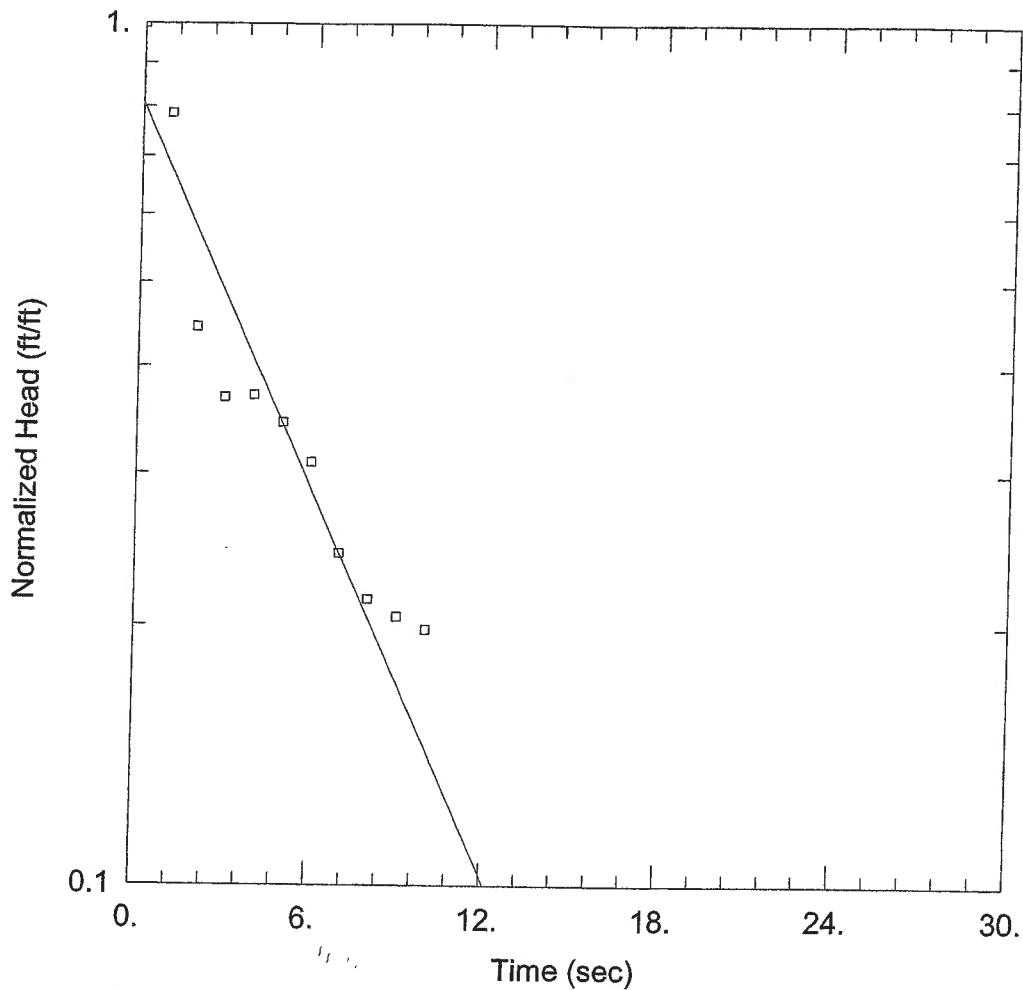
Saturated Thickness: 12.52 ft Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-1)

Initial Displacement: 3.242 ft Static Water Column Height: 18.72 ft
 Total Well Penetration Depth: 18.72 ft Screen Length: 18.72 ft
 Casing Radius: 0.083 ft Well Radius: 0.33 ft
 Gravel Pack Porosity: 0.

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice
 K = 0.000159 cm/sec y0 = 3.664 ft



WELL TEST ANALYSIS

Data Set: N:\Projects\063-7079 (Norcal - Winnemucca Project)\Slug Test Data\MW-2 OUT 4-12-07.act
 Date: 04/12/07 Time: 11:56:27

PROJECT INFORMATION

Company: Golder Associates, Inc
 Client: Nor Cal
 Project: 063-7079
 Location: Winnemucca, NV
 Test Well: MW-2
 Test Date: 2/01/07

AQUIFER DATA

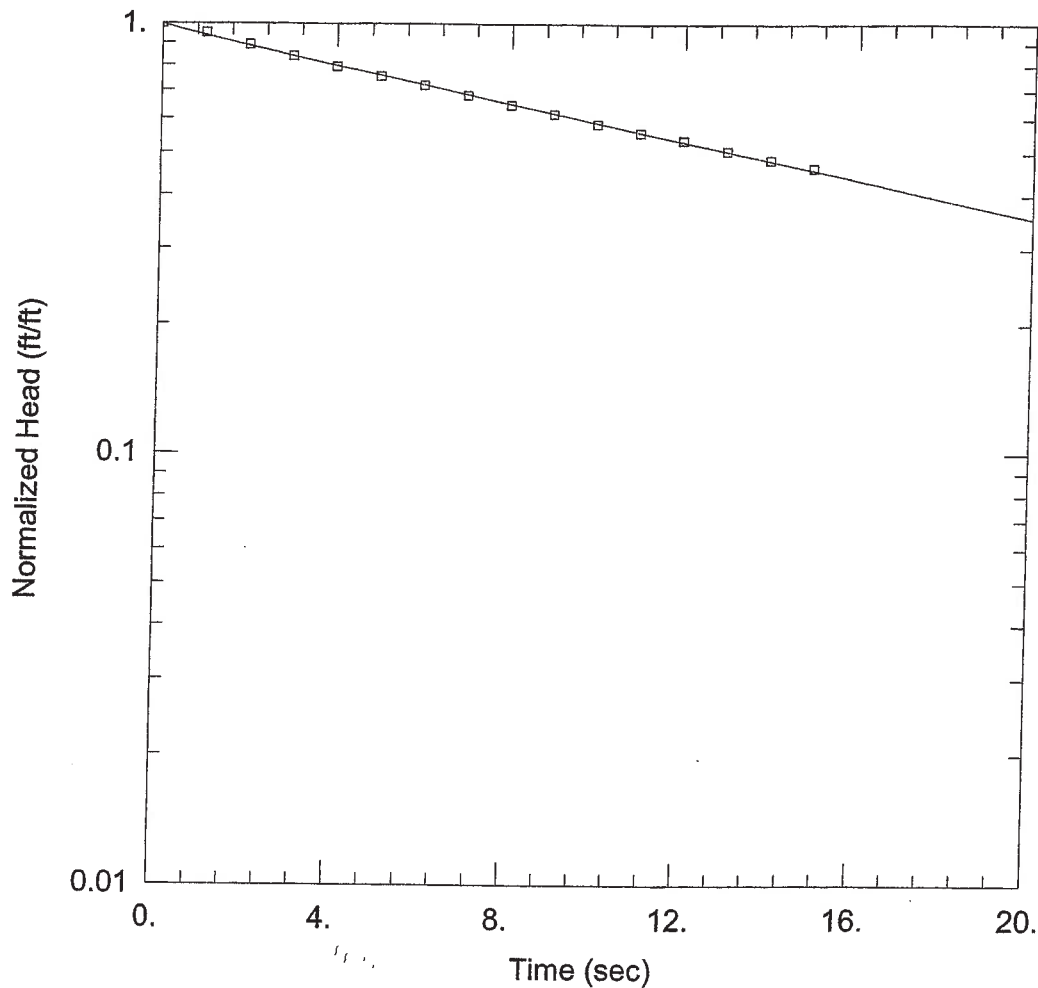
Saturated Thickness: 18.62 ft Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-2)

Initial Displacement: 3.138 ft Static Water Column Height: 19.72 ft
 Total Well Penetration Depth: 19.72 ft Screen Length: 19.72 ft
 Casing Radius: 0.083 ft Well Radius: 0.333 ft
 Gravel Pack Porosity: 0.

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice
 K = 0.0001193 cm/sec y0 = 2.528 ft



WELL TEST ANALYSIS

Data Set: N:\Projects\063-7079 (Norcal - Winnemucca Project)\Slug Test Data\MW-3 OUT 4-12-07.aqt
 Date: 04/12/07 Time: 11:56:56

PROJECT INFORMATION

Company: Golder Associates, Inc
 Client: Nor Cal
 Project: 063-7079
 Location: Winnemucca, NV
 Test Well: MW-3
 Test Date: 2/01/07

AQUIFER DATA

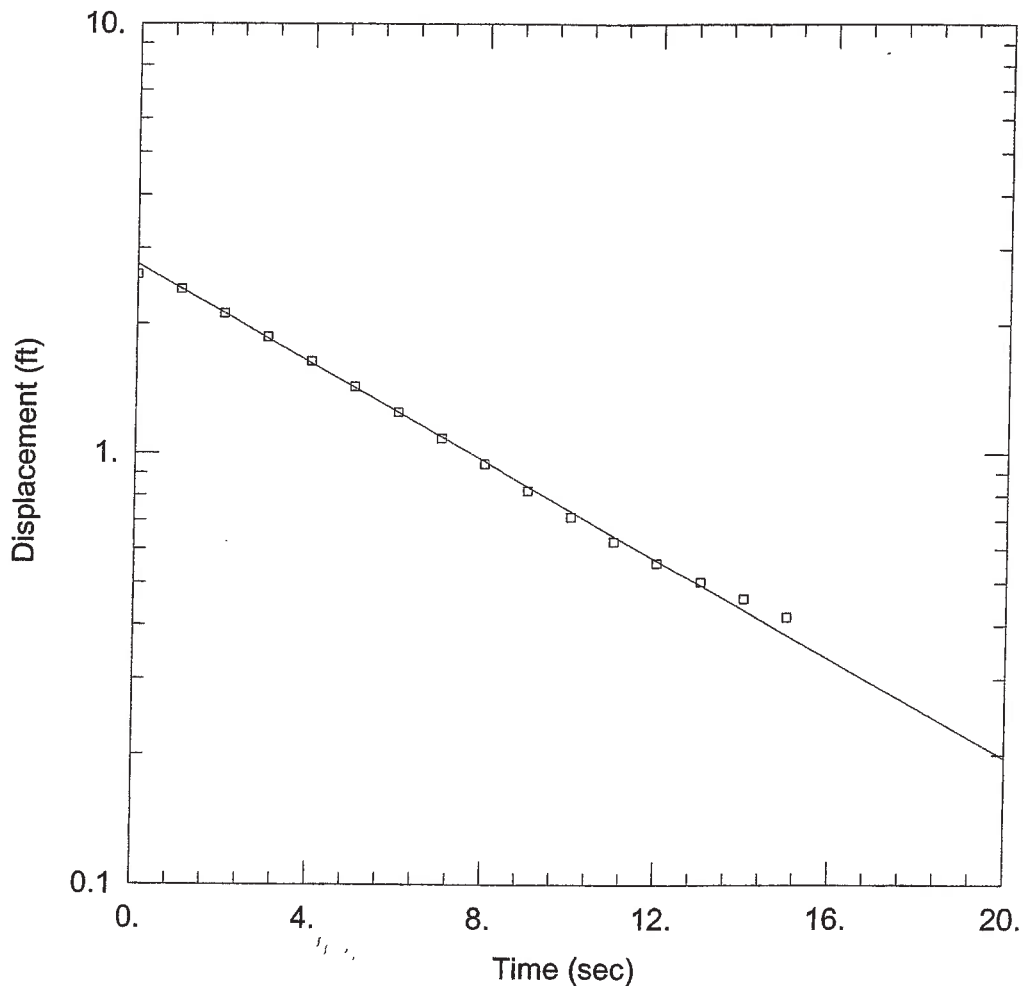
Saturated Thickness: 12.36 ft

WELL DATA (MW-3)

Initial Displacement: <u>3.253 ft</u>	Static Water Column Height: <u>15.16 ft</u>
Total Well Penetration Depth: <u>15.16 ft</u>	Screen Length: <u>10 ft</u>
Casing Radius: <u>0.083 ft</u>	Well Radius: <u>0.333 ft</u>
	Gravel Pack Porosity: <u>0</u>

SOLUTION

Aquifer Model: <u>Unconfined</u>	Solution Method: <u>KGS Model</u>
Kr = <u>0.0001081 cm/sec</u>	Ss = <u>1.697E-7 ft⁻¹</u>
K _z /Kr = <u>1</u>	



WELL TEST ANALYSIS

Data Set: N:\Projects\063-7079 (Norcal - Winnemucca Project)\Slug Test Data\MW-4 OUT 4-12-07.aqt
 Date: 04/12/07 Time: 11:57:23

PROJECT INFORMATION

Company: Golder Associates, Inc
 Client: Nor Cal
 Project: 063-7079
 Location: Winnemucca, NV
 Test Well: MW-4
 Test Date: 2/01/07

AQUIFER DATA

Saturated Thickness: 16.75 ft Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-4)

Initial Displacement: 2.606 ft Static Water Column Height: 19.85 ft
 Total Well Penetration Depth: 19.85 ft Screen Length: 19.85 ft
 Casing Radius: 0.083 ft Well Radius: 0.333 ft
 Gravel Pack Porosity: 0.

SOLUTION

Aquifer Model: Unconfined Solution Method: Bower-Rice
 K = 9.133E-5 cm/sec y0 = 2.756 ft