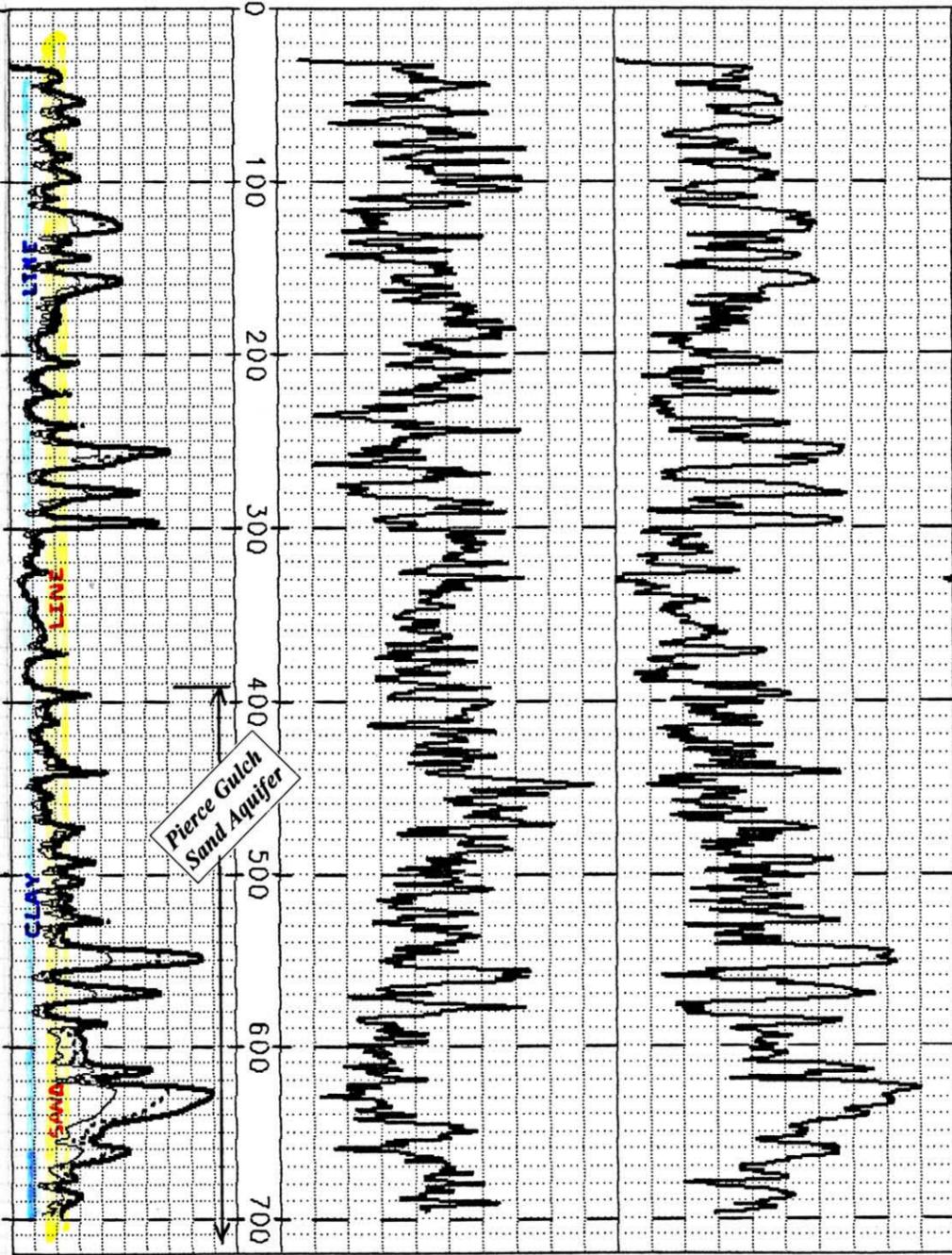
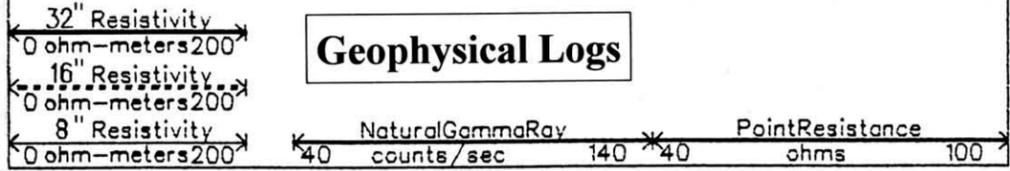


**Star Sewer and Water District
Supply Well #3**
T. 4 N., R. 1 W., Section 5, SE¼, SE¼, SW¼
Latitude N43° 42' 24.9" Longitude W116° 29' 1.0"
Well completed August 2006

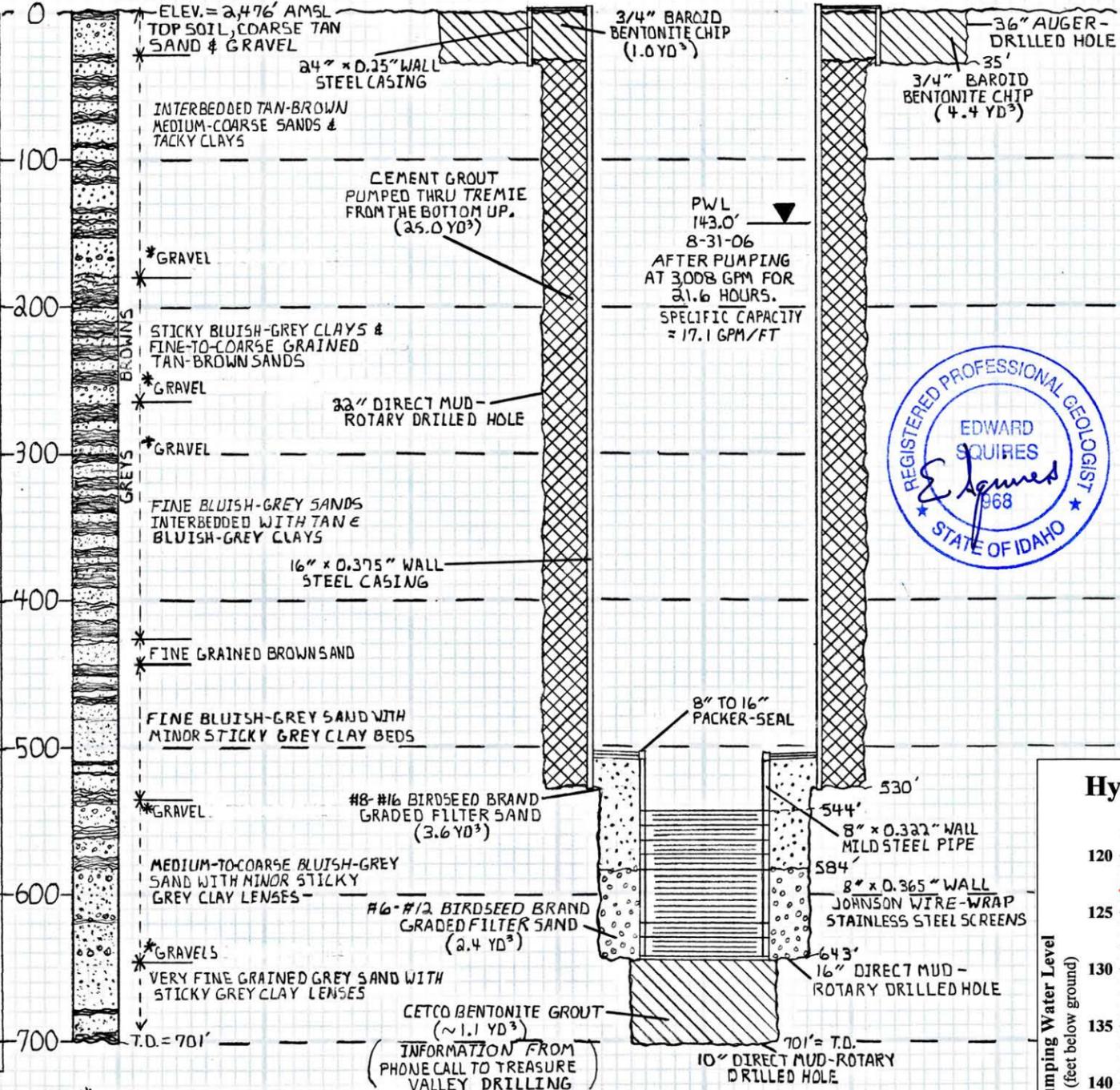
Geophysical Logs



Depth
(feet below ground level)

Lithology
Hydro Logic, Inc. lithologic log is interpreted and drawn from geophysical logs and drilled cuttings from the borehole.

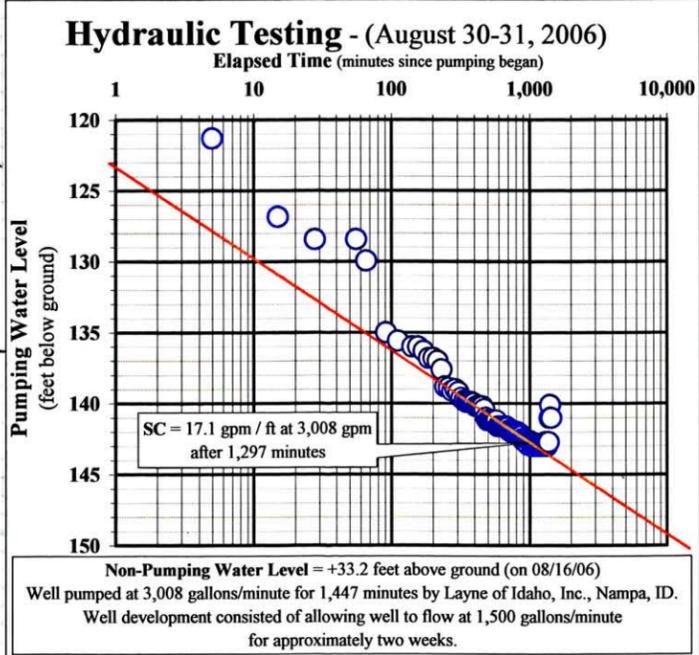
As-Built Well Construction
(horizontal scale 0.1"=1.0')
(vertical scale 1"=100')



Ground Water Chemistry

Analysis (in mg/L unless noted)	ZONE (643 - 544 ft bgl)
Alkalinity	82.0
Aluminum	<0.01
Ammonia as N	0.06
Arsenic	0.005
Calcium as CaCO ₃	50.2
Chloride	1.60
Conductivity (µS)	184.0
Corrosivity	-0.65
Fluoride	0.55
Hardness	66.7
Iron (total)	0.20
Iron (dissolved)	0.20
Magnesium	4.03
Manganese (dissolved)	0.03
Nitrate as N	<0.10
Odor	<1
pH - Lab (S.U.)	7.64
Potassium	1.36
Silica	30.6
Sodium	13.6
Sulfate	9.03
Sulfide	<0.05
Total Dissolved Solids	123.0
Total Kjeldahl Nitrogen	0.15
Total Organic Carbon	<1.0
Field Conductivity (µS)	212
Field Dissolved Oxygen	0.35
Field pH (S.U.)	7.51
Field Temperature (°F)	66.5

Water samples and field parameters collected on August 30, 2006 by Hydro Logic, Inc. Analyses by Alchem Laboratories, Inc., Boise, ID



Geophysics conducted by:
Hydro Logic, Inc. on June 5, 2006
immediately after removal of drill steel

drafted June 2008
by L. Pearson
Hydro Logic, Inc.

*GRAVELS INTERPRETED BY HLI, BUT NOT EVIDENT IN CUTTINGS OR MENTIONED IN DRILLER'S REPORT.

On site supervision and direct mud-rotary drilling by: Treasure Valley Drilling and Pump, Inc., Weiser, ID
Well design by Clearwater Geosciences, LLP, Idaho Falls, ID with assistance from Hydro Logic, Inc., Boise, ID.
Pump test design by Treasure Valley Drilling and Layne of Idaho.
Composite diagram developed by HLI from data of others. HLI did not work on this project.