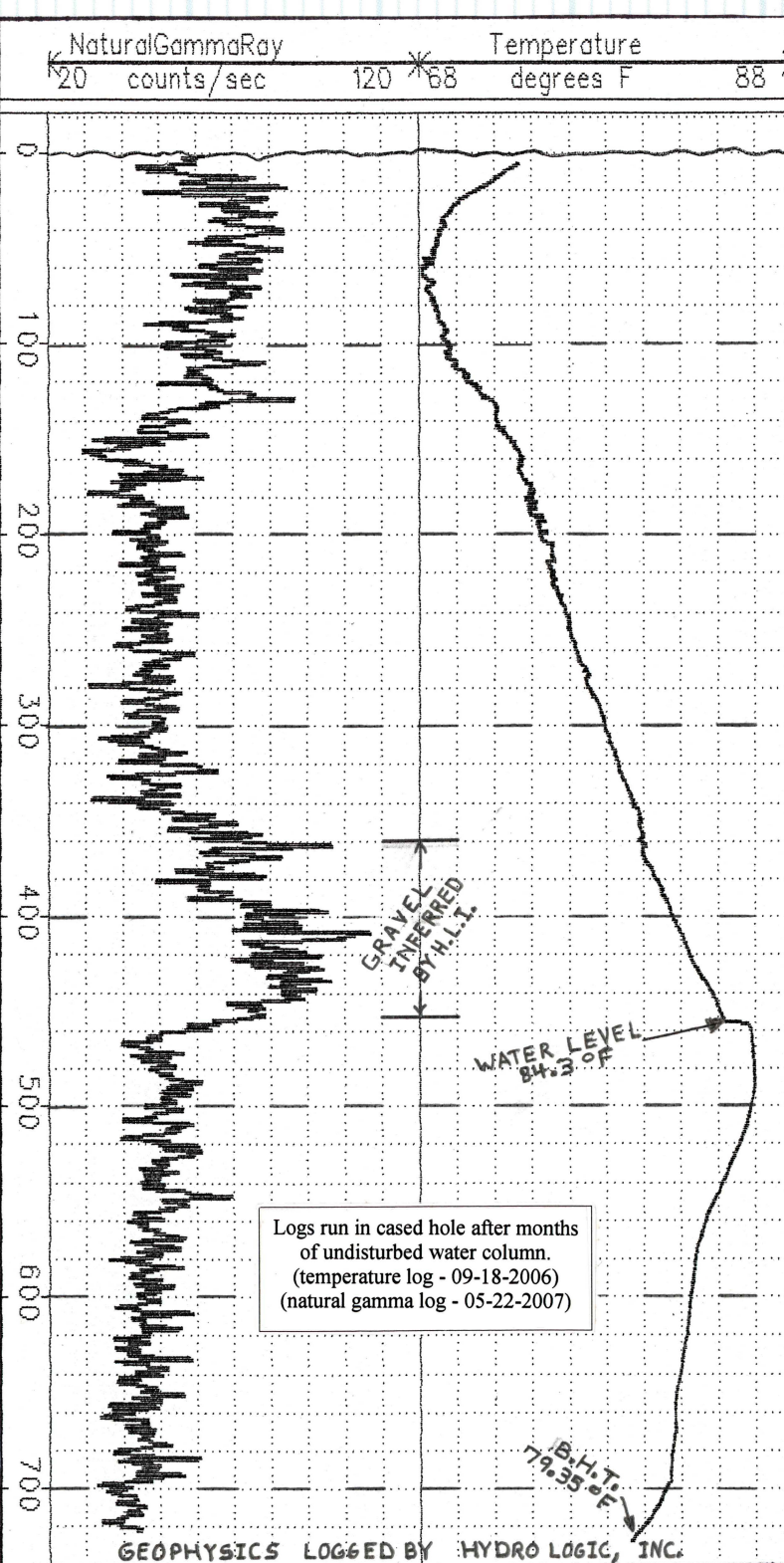


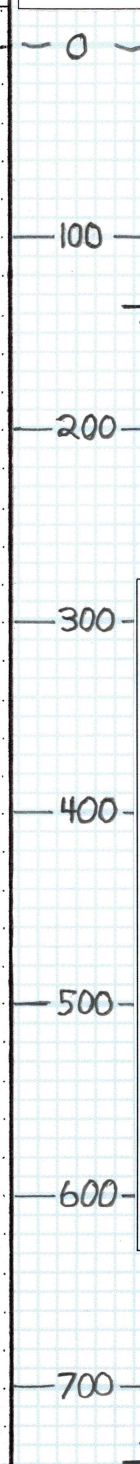
Geophysical Logs



Driller's Lithology

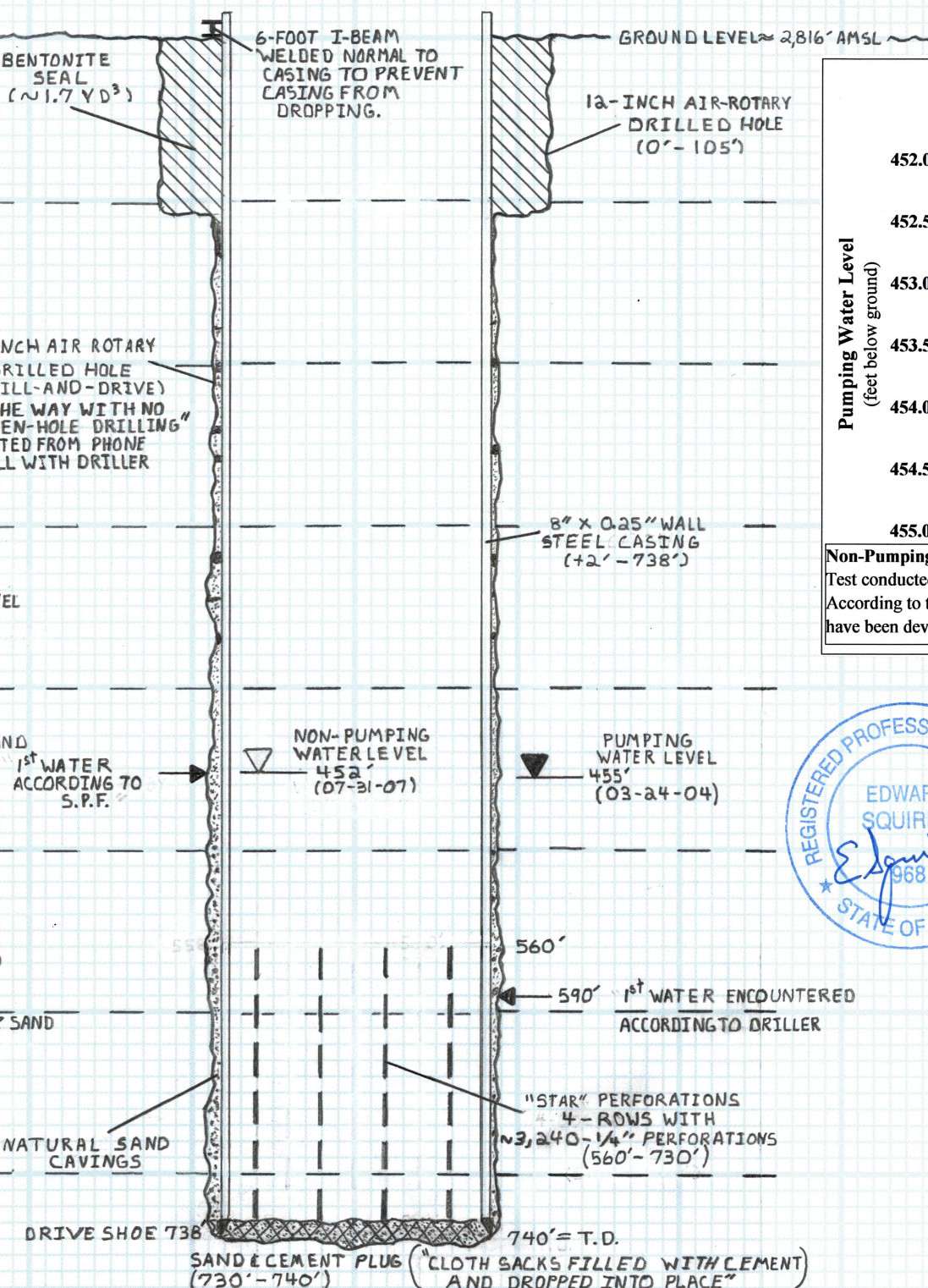
(from IDWR well log)

Depth
(feet below ground level)

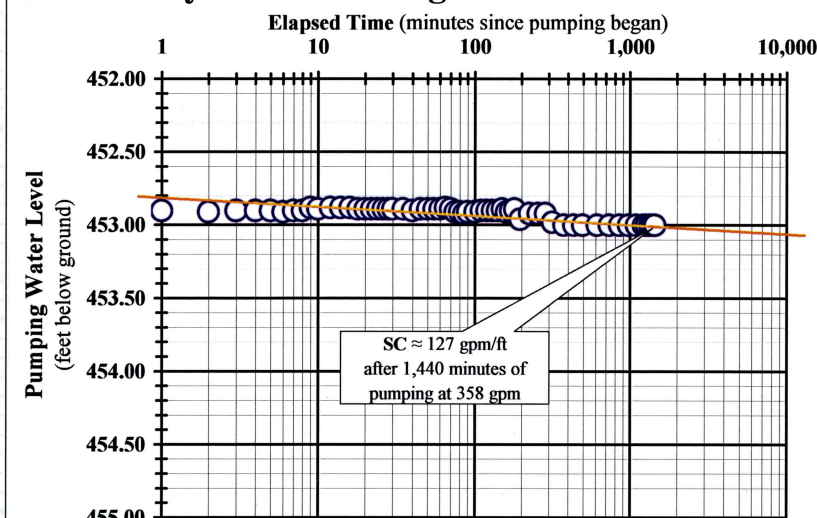


As-Built Well Construction

(horizontal scale 0.1"=0.5")
(vertical scale 1"=100')



Hydraulic Testing - March 23-24, 2004

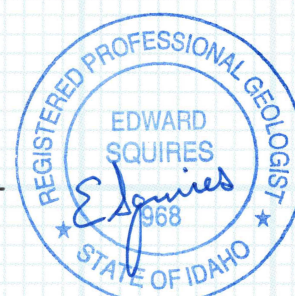


Non-Pumping Water Level = 450.18 feet below ground (11:45 hrs on 03/23/04)
Test conducted by SPF Water Engineering, LLC and Adamson Pump & Drilling Co.
According to the driller, the well was not developed prior to pumping and is believed (HLI) to have been developing during the short-term test, imparting some uncertainty into the results.

Ground Water Chemistry

Lab Analyses	SPF Water Engineering Results (in mg/L unless noted)
	SCREENED (560' - 730' feet bgl)
Alkalinity	58.8
Ammonia as N	0.13
Arsenic	0.067
Calcium as CaCO ₃	9.71
Chloride	5
Conductivity (uS)	
Corrosivity	
Fluoride	0.95
Hardness	<5.0
Iron (total)	0.09
Magnesium	0.69
Manganese	<0.05
Nitrate as N	1.09
Nitrite as N	0.02
pH	
Potassium	1.5
Sodium	27.8
Sulfate	13
Sulfide	<0.05
Total Dissolved Solids	98
Field Analyses	
Field Conductivity (uS)	189.9
Field pH (S.U.)	7.67
Field Temperature (°F)	81.1

Water samples and field parameters collected on March 16, 2004 by SPF Water Engineering.
Analyses by Analytical Laboratories, Boise, ID.



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drafted August 15, 2007
by Loren Pearson,
Hydro Logic, Inc.

Well design, pump test design, and water quality sampling by SPF Water Engineering, LLC, Boise, ID
Air-rotary drilling, well construction, and pump testing by Adamson Pump & Drilling Co., Nampa, ID

Data compiled and plotted by Hydro Logic, Inc. from available data of others with the exception of the geophysical logs and a video inspection run in the completed well. HLI was not involved with the drilling project.