

(March 2004)
by Stevens and Sons Drilling
in a mud-filled borehole.

(April 27, 2007)
by Hydro Logic, Inc.
in a steel cased well.

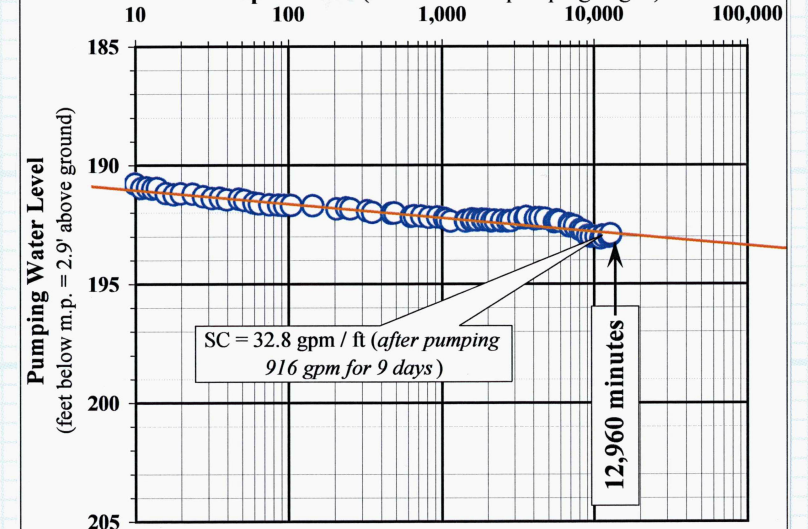
Feast Geosciences lithologic log was developed from drilled cuttings. Lithology has been reinterpreted and readjusted to better fit with geophysical logs by [Hydro Logic, Inc.](#)

(from IDWR Driller's Report and
Hydro Logic, Inc. downhole camera survey
conducted on August 28, 2007)
(horizontal scale 0.1"=0.5")
(vertical scale 1"=100')

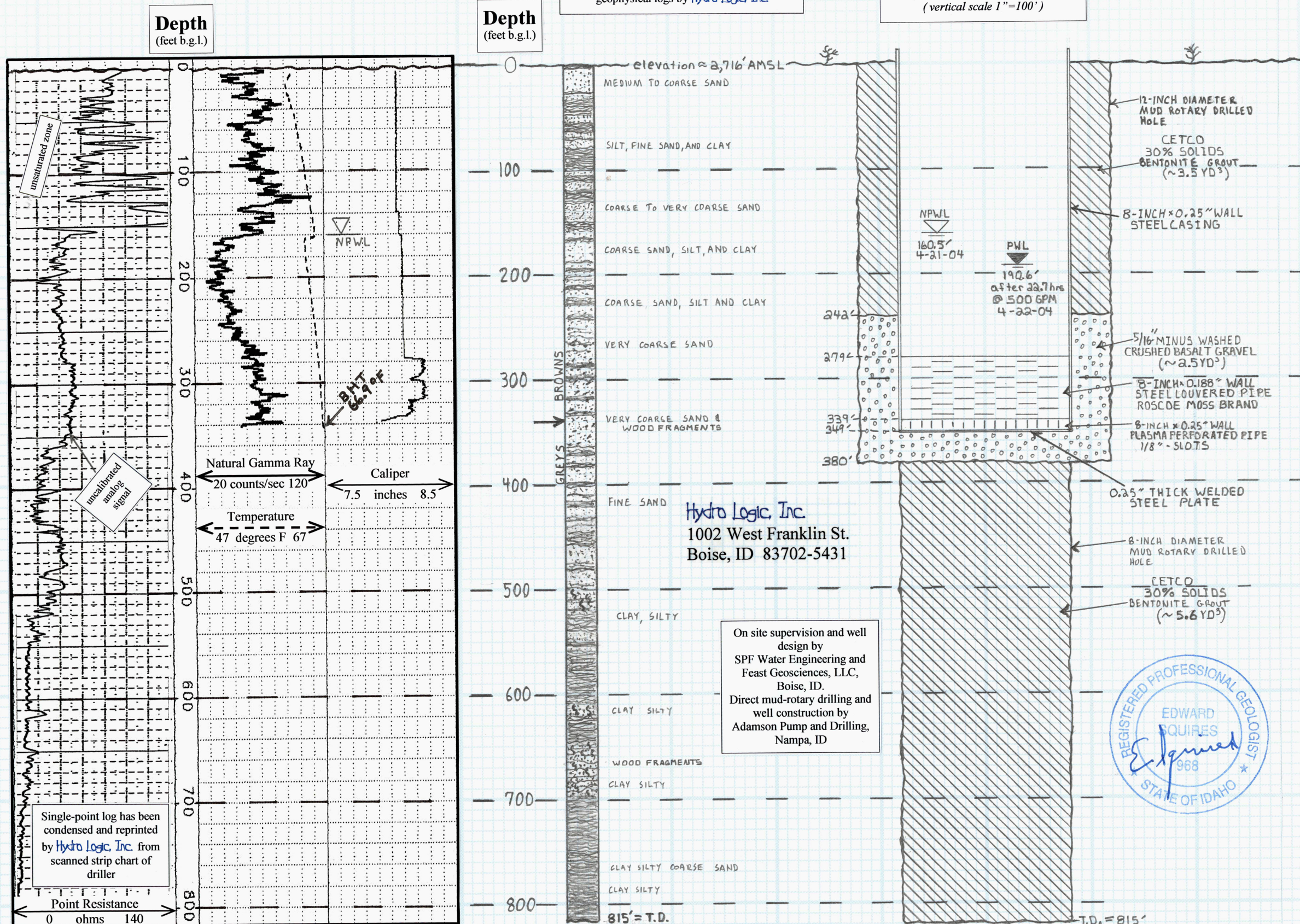
Lab Analyses	SPF Water Engineering Results (in mg/L unless noted)	Hydro Logic Inc. Results (in mg/L unless noted)
	SCREENED (279 - 349 feet bgl)	SCREENED (279 - 349 feet bgl)
Alkalinity		120.0
Ammonia as N	<0.04	0.02
Arsenic	<0.005	0.0037
Calcium as CaCO ₃	29.1	77.8
Chloride	5	4.42
Conductivity (uS)		305.0
Corrosivity		-0.35
Fluoride	0.44	0.43
Hardness	110	115.0
Iron (dissolved)		0.11
Iron (total)	0.11	0.11
Magnesium	8.19	8.91
Manganese	<0.05	0.02
Nitrate as N	0.31	0.34
Nitrite as N	<0.01	<0.01
Odor		<1
pH		7.63
Potassium	2.0	2.60
Silica		38.9
Sodium	22.9	23.2
Sulfate	24	23.5
Sulfide	<0.05	<0.05
Total Dissolved Solids	212	235.0
Total Kjeldahl Nitrogen		<0.10
Total Organic Carbon		3.36
Field Analyses		
Field Conductivity (uS)	300	382
Field Dissolved Oxygen		+1.37
Field Odor (describe)		minor H ₂ S
Field O.R.P. (mV)		+55
Field pH (S.U.)	7.00	7.40
Field Temperature (°F)	68.1	67.0
Field Visible Gas (yes or no)		yes

HLI samples collected on March 14, 2008 by [Hydro Logic, Inc.](#)
Analyses by Alchem Laboratories, Boise, ID
SPF samples collected on April 21, 2004 by Feast Geosciences.
Analyses by Analytical Laboratories, Boise, ID

Elapsed Time (minutes since pumping began)



Testing conducted by **Hydro Logic, Inc.** and McLeran Well Drilling, LLC.
(no barometric or antecedent trend corrections applied to this plot.)



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Drafted 02-15-08
by Loren Pearson,
Hydro Logic, Inc.