

EAGLE PINES
WATER ASSOCIATION
WELL CONSTRUCTION

3001
AS-BUILT

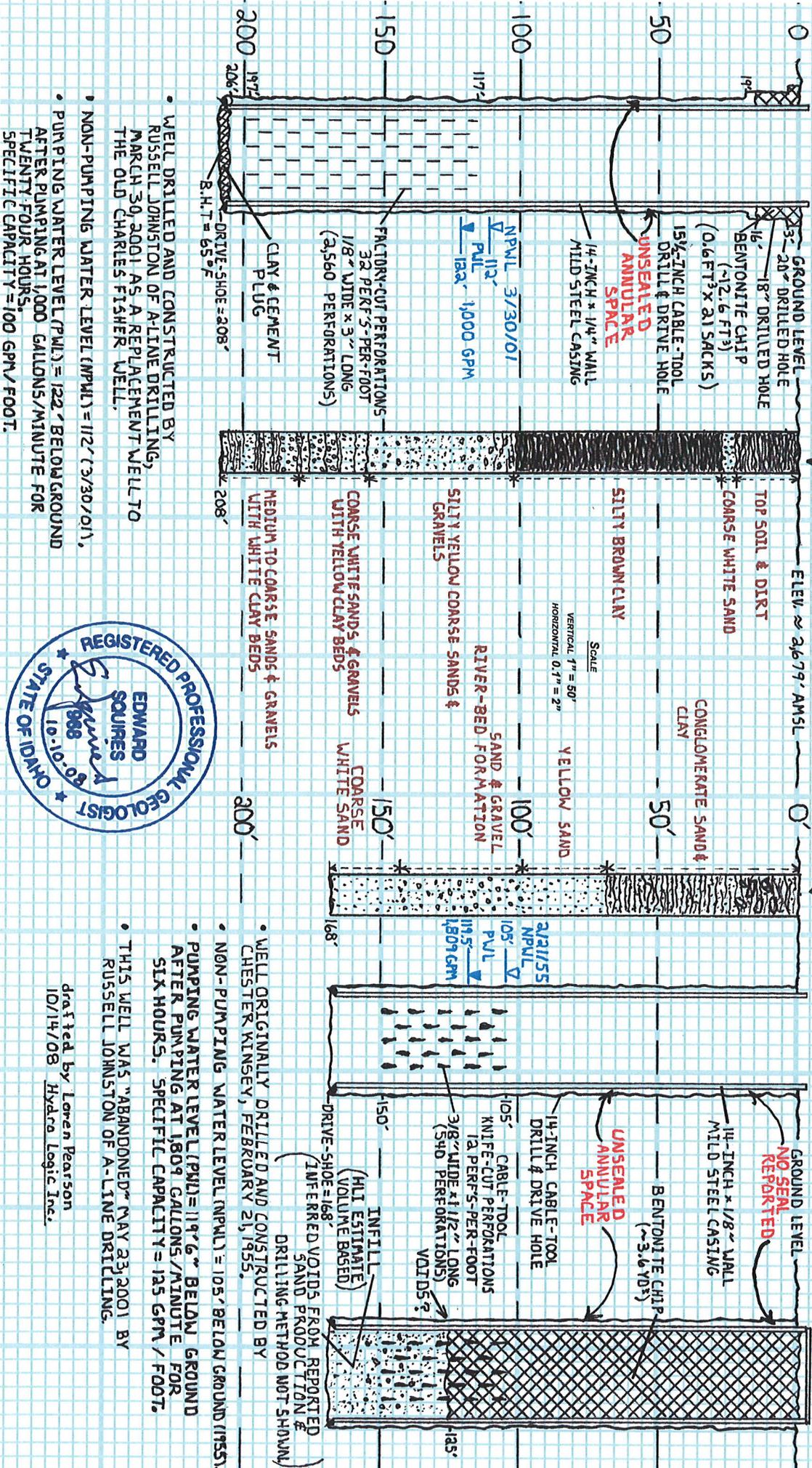
Eagle Pines Water Association
Well Constructions
T.5N. R.1E. Sec. 32 NE, SW, NW

DRILLERS' LITHOLOGIES
(From Driller's Reports at TDWR)

1955
AS-BUILT

ORIGINAL WELL
"CHARLES FISHER"
WELL CONSTRUCTION

1955 WELL
AS-ABANDONED
IN 2001



- WELL DRILLED AND CONSTRUCTED BY RUSSELL JOHNSTON OF A-LINE DRILLING, MARCH 30, 2001 AS A REPLACEMENT WELL TO THE OLD CHARLES FISHER WELL.
- NON-PUMPING WATER LEVEL (NPWL) = 112' (3/30/01), PUMPING WATER LEVEL (PWL) = 122' BELOW GROUND AFTER PUMPING AT 1,000 GALLONS/MINUTE FOR TWENTY-FOUR HOURS, SPECIFIC CAPACITY = 100 GPM/FOOT.



- WELL ORIGINALLY DRILLED AND CONSTRUCTED BY CHESTER KINSEY, FEBRUARY 21, 1955.
- NON-PUMPING WATER LEVEL (NPWL) = 105' BELOW GROUND (1955).
- PUMPING WATER LEVEL (PWL) = 119' 6" BELOW GROUND AFTER PUMPING AT 1,809 GALLONS/MINUTE FOR SIX HOURS. SPECIFIC CAPACITY = 125 GPM / FOOT.
- THIS WELL WAS "ABANDONED" MAY 23, 2001 BY RUSSELL JOHNSTON OF A-LINE DRILLING.

drafted by Loren Pearson
10/14/08 Hydro Logic Inc.

Figure 1. Cross-sectional sketch of the Eagle Pines Water Association's irrigation wells (1955 and 2001) showing 1) the details of as-built construction, 2) conflicting lithologic logs of the drilled geologic section by the two drillers, and 3) the unsealed annular spaces outside of the casing in the cable-tool, drill-and-drive wells. Also evident is the, essentially unchanged, non-pumping water level in the well(s) reported by the drillers, after 46 years of pumping from the well and the collective pumping of other surrounding Eagle-area wells during significant population growth and increased withdrawals from the aquifer. The Eagle Pines Water Association's irrigation well is completed into the Pierce Gulch Sand Aquifer.

Eagle Pines Water Association

Well Location Map

T.5N. R.1E., Sec. 32, NE¼, SW¼, NW¼

Lat. N43° 43' 54.0" Lon. W116° 22' 10.0"

October 14, 2008



Little Gulch

19

21

Creek

APPROXIMATE M3-EAGLE PROPERTY BOUNDARY

one mile

30

29

Woods

Stillwell Drive

Eagle Pines Water Assoc.
Irrigation Well Location

31

32

Union

Osprey Rd

Capitol

View

T5N
T4N
R1E

Beacon Light Road

6

5

4

Breshers
Lateral
Eagle Rd

Ditch

Dry Creek

Figure 1. Base map is a (1:24,000 scale) Aerial Photo from Google Earth.

Hydro Logic, Inc. - Boise, Idaho