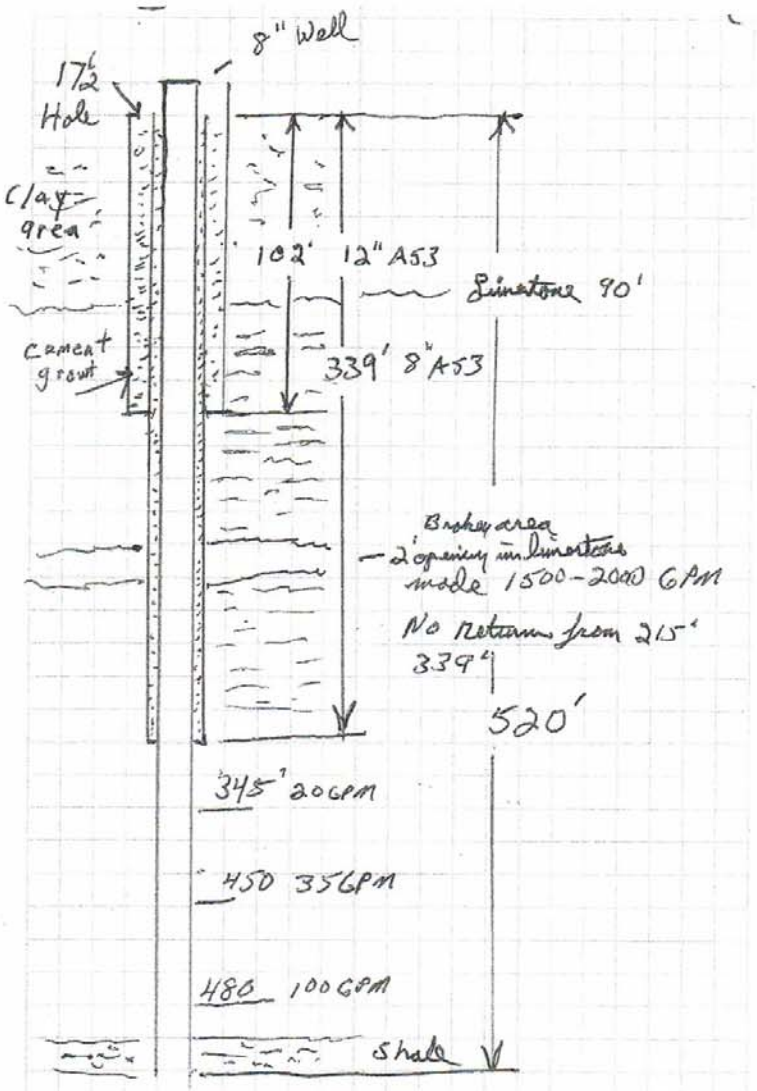
Twin Valley Lakes
Rick Freese Driller

9/29/17 - 11/10/17

Freese Well Drilling, Inc.
420 East Post Rd. SE
Cedar Rapids, IA 52403



ATT Bol Rowder



0 - 90' Brown soft Clay
90 - 160' Tan med Limestone
160' - 180' Gray med "
180' - 215' Tan med "
215' - 337' 2' opening at 215 made approx 2000 GPM No cuttings
337' - 345' 20 GPM
345' - 450 35 GPM
450' - 480' 100 GPM
480' - 510' Gray Limestone
510' - 520' Shale Gray

87120 -

APPLIED Industrial Technologies®

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Freese Well Drilling
Pad FA

Driller Rick Freese

Twin Valley Lakes
9/29/17 - 11/10

0-50 Red clay / 50-90 Gray Clay / 90-101 Tan Limestone / Tan Limestone 101-(214-219 large fracture, making 2000 Gal per min) place in 5 yds of cement grout (2) time to stabilize area / Drilling stand again on 10/27 drilled from 219-339' No returns of cuttings from 219'-339' set 8" case, Drilled from 339-400 Light gray Limestone / 400-510 Dark gray / 510-520 Sale Water at 345' 20 GPM / 480' 100 GPM +