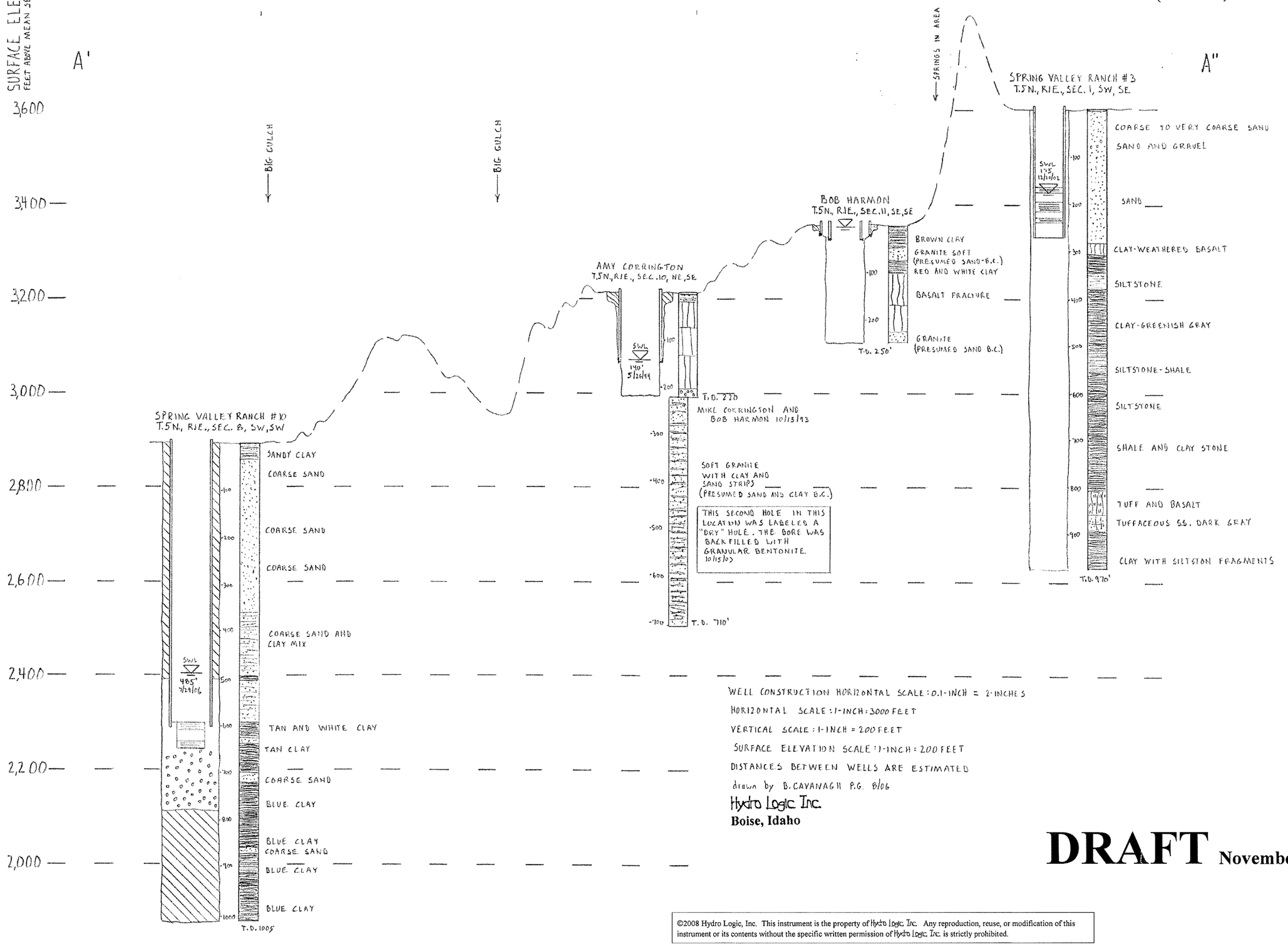
Geologic Cross-Section A'-A''
(SW x NE)



WELL CONSTRUCTION HORIZONTAL SCALE: 0.1-INCH = 2-INCHES
HORIZONTAL SCALE: 1-INCH = 3000 FEET
VERTICAL SCALE: 1-INCH = 200 FEET
SURFACE ELEVATION SCALE: 1-INCH = 200 FEET
DISTANCES BETWEEN WELLS ARE ESTIMATED
drawn by B. CAVANAGH P.G. 8/06

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Boise, Idaho

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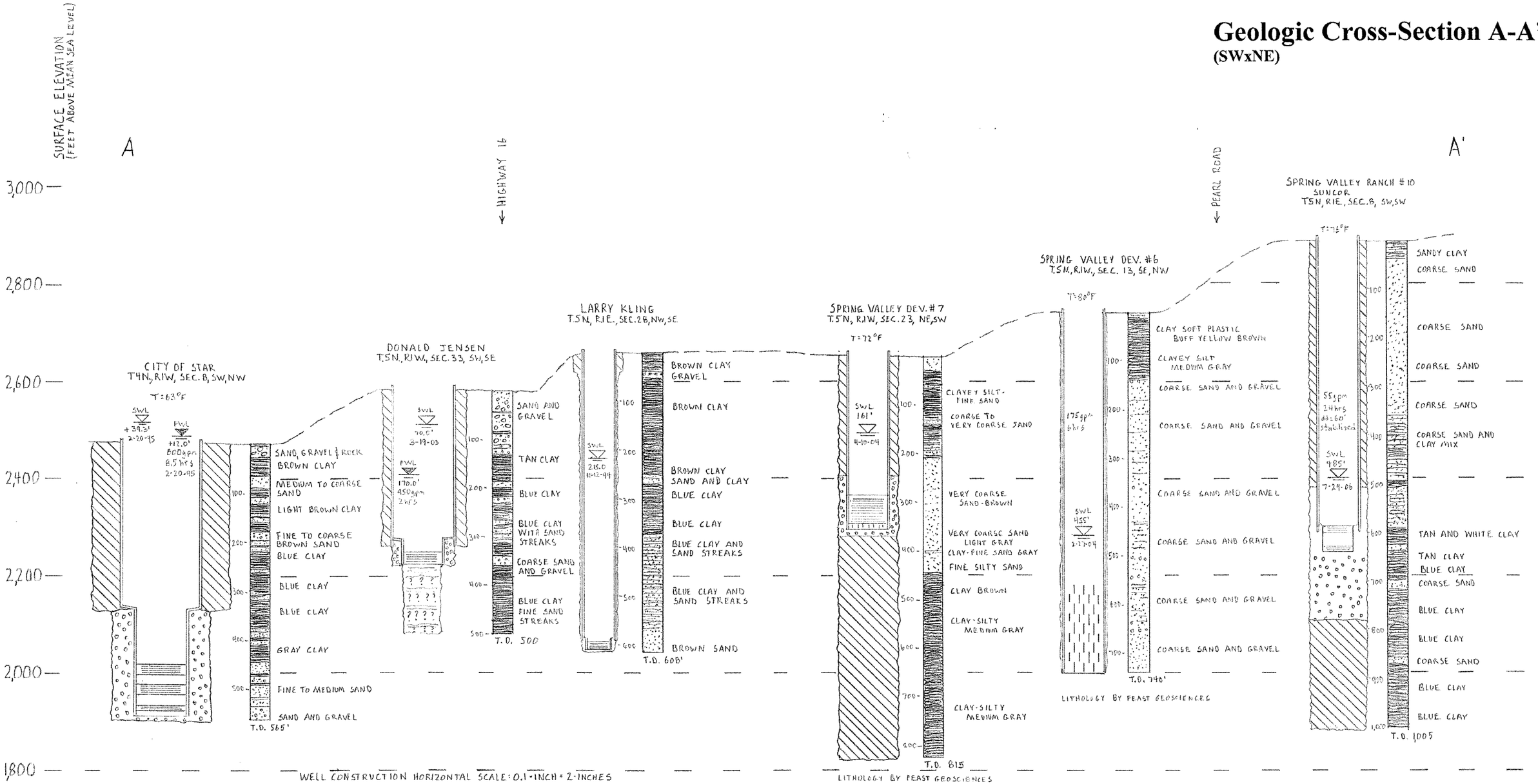
Geologic Cross-Section A-A'
(SWxNE)



WELL CONSTRUCTION HORIZONTAL SCALE: 0.1-INCH = 2-INCHES
HORIZONTAL SCALE: 1-INCH = 3000 FEET
VERTICAL SCALE: 1-INCH = 200 FEET
SURFACE ELEVATION SCALE: 1-INCH = 200 FEET
DISTANCES BETWEEN WELLS ARE ESTIMATED

drawn by B. CAVANAGH P.G. 8/08

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Boise, Idaho

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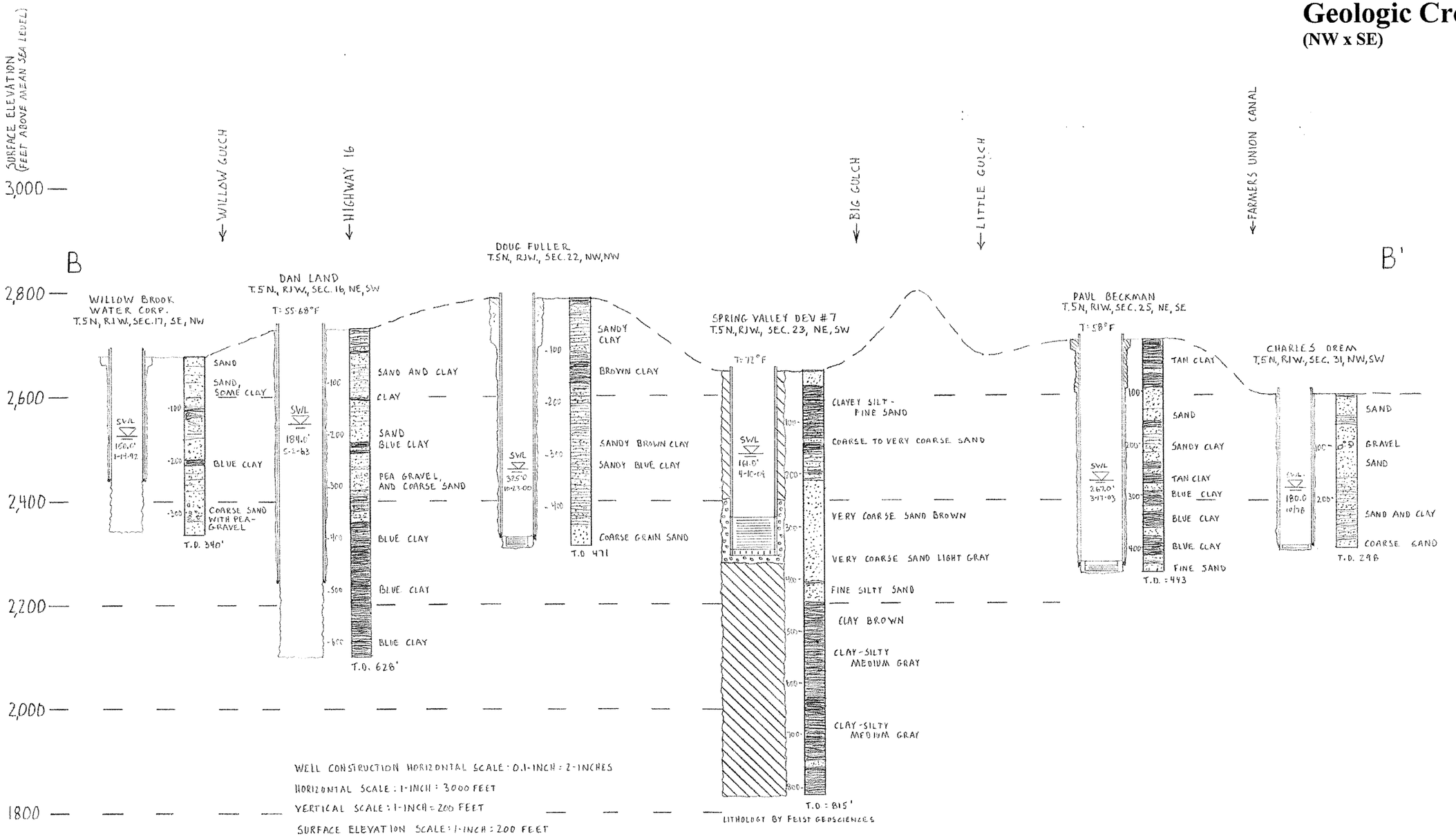
Geologic Cross-Section B-B'
(NW x SE)



WELL CONSTRUCTION HORIZONTAL SCALE: 0.1-INCH = 2-INCHES
HORIZONTAL SCALE: 1-INCH = 3000 FEET
VERTICAL SCALE: 1-INCH = 200 FEET
SURFACE ELEVATION SCALE: 1-INCH = 200 FEET
DISTANCES BETWEEN WELLS ARE ESTIMATED

LITHOLOGY BY FEIST GEOSCIENCES

drawn by B. CAVANAGH P.G. 8106

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Boise, Idaho

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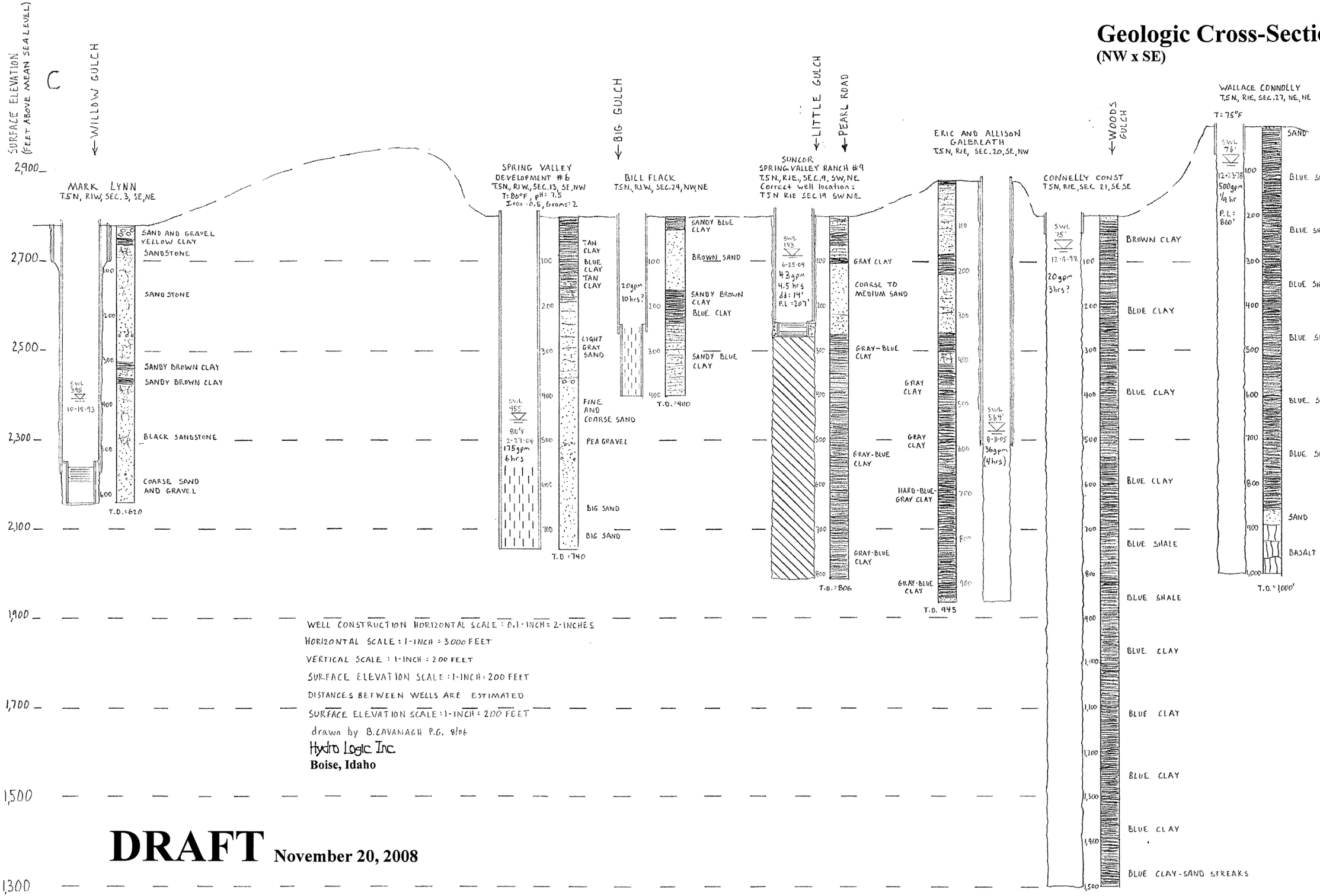
Geologic Cross-Section C-C'
(NW x SE)



WELL CONSTRUCTION HORIZONTAL SCALE: 0.1-INCH = 2-INCHES
HORIZONTAL SCALE: 1-INCH = 3000 FEET
VERTICAL SCALE: 1-INCH = 200 FEET
SURFACE ELEVATION SCALE: 1-INCH: 200 FEET
DISTANCES BETWEEN WELLS ARE ESTIMATED
SURFACE ELEVATION SCALE: 1-INCH = 200 FEET
drawn by B.LAVANIAGH P.G. 8/06

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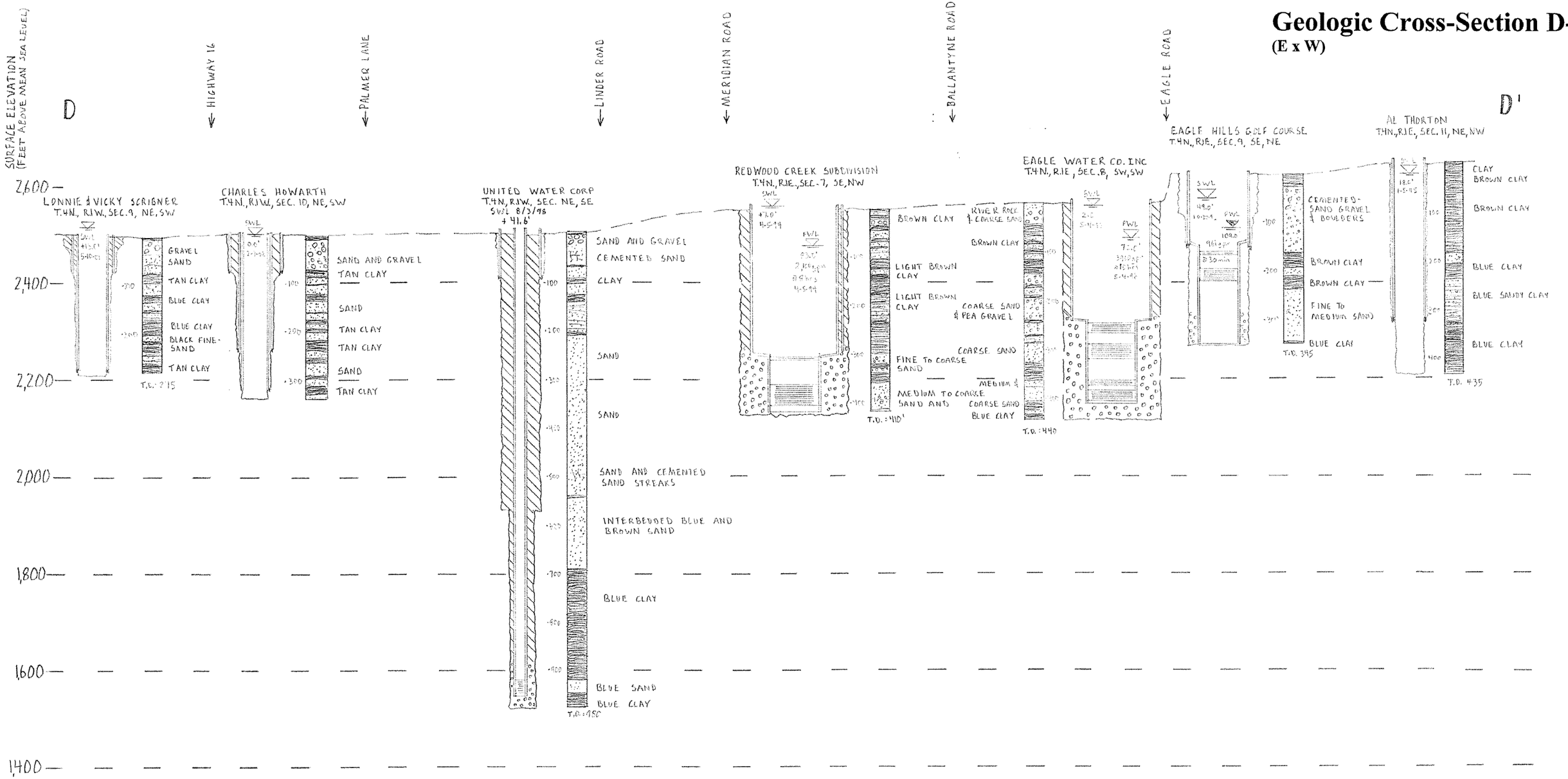
Geologic Cross-Section D-D'
(E x W)



WELL CONSTRUCTION HORIZONTAL SCALE: 0.1-INCH = 2-INCHES
HORIZONTAL SCALE: 1-INCH = 3000 FEET
VERTICAL SCALE: 1-INCH = 200 FEET
SURFACE ELEVATION SCALE: 1-INCH = 200 FEET
DISTANCES BETWEEN WELLS ARE ESTIMATED

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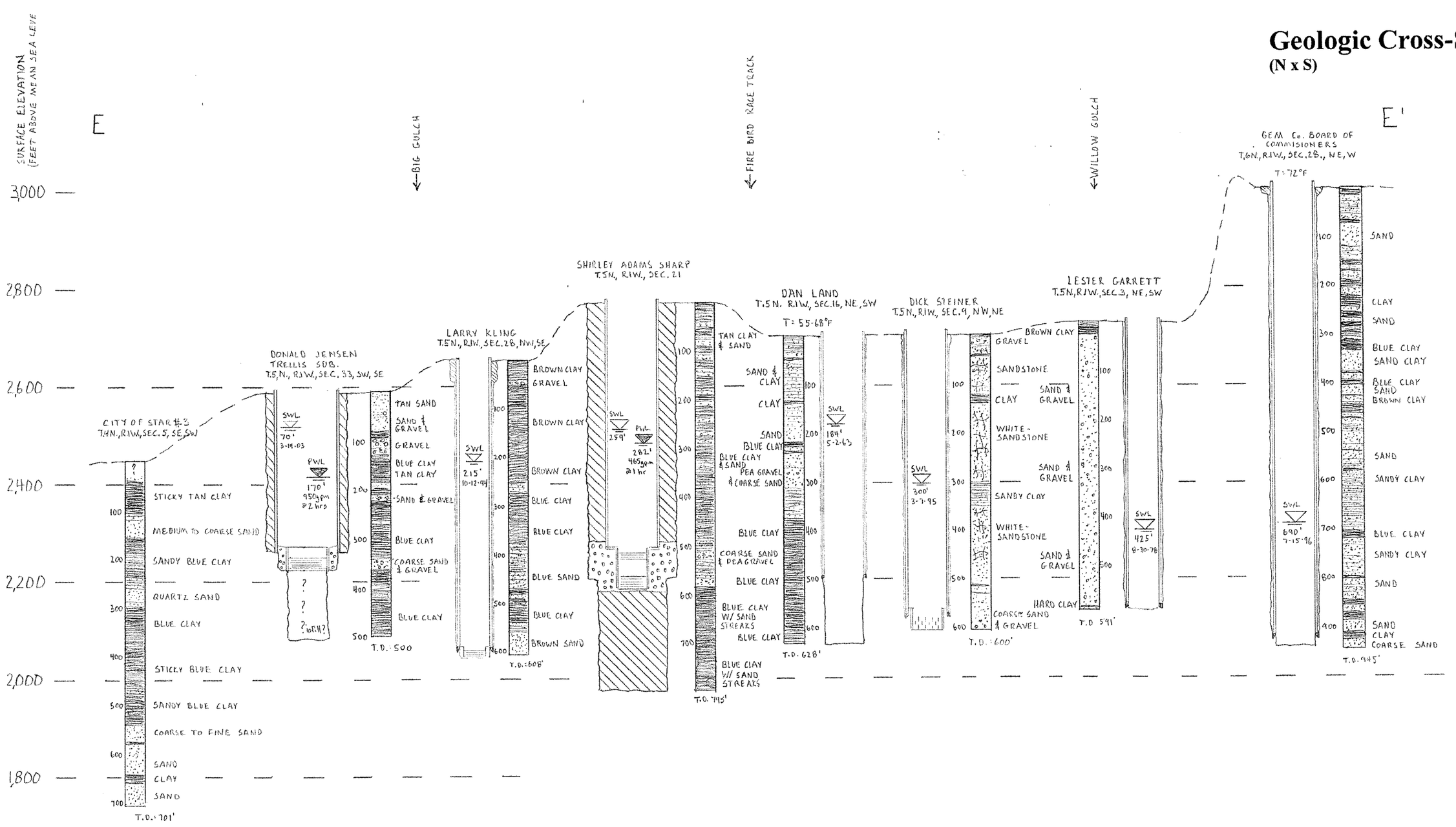
Geologic Cross-Section E-E'
(N x S)



WELL CONSTRUCTION HORIZONTAL SCALE: 0.1-INCH = 2-INCHES
HORIZONTAL SCALE: 1-INCH = 4000 FEET
VERTICAL SCALE: 1-INCH = 200 FEET
SURFACE ELEVATION SCALE: 1-INCH = 200 FEET
DISTANCES BETWEEN WELLS ARE ESTIMATED

drawn by B. CAVANAGH P.G. 8/06

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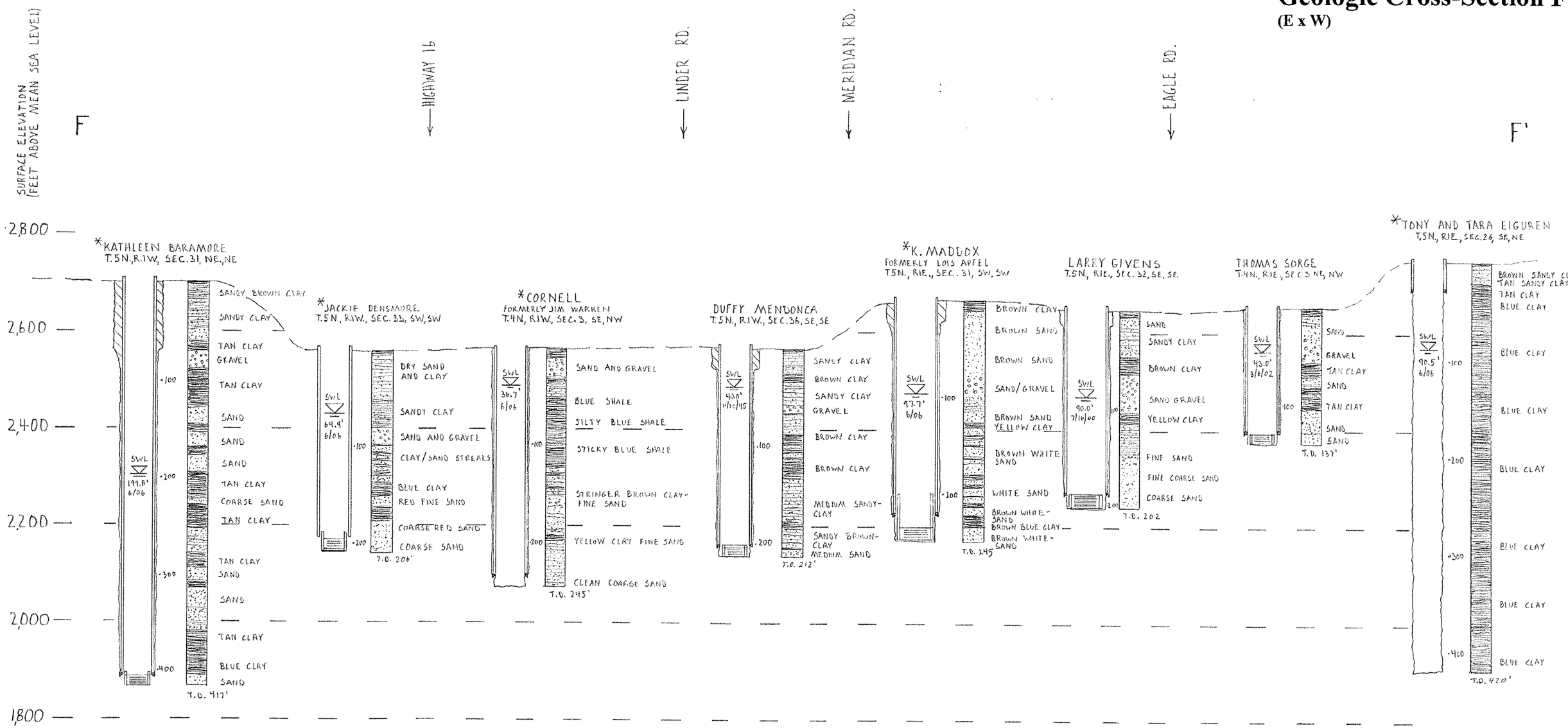
Geologic Cross-Section F-F'
(E x W)



WELL CONSTRUCTION HORIZONTAL SCALE: 0.1-INCH = 2-INCHES

HORIZONTAL SCALE: 1-INCH = 4000 FEET

VERTICAL SCALE: 1-INCH = 100 FEET

SURFACE ELEVATION SCALE: 1-INCH = 200 FEET

DISTANCES BETWEEN WELLS ARE ESTIMATED

*WELLS MEASURED BY HYDRO LOGIC INC.

drawn by B. CAVANAGH P.G. 8/06

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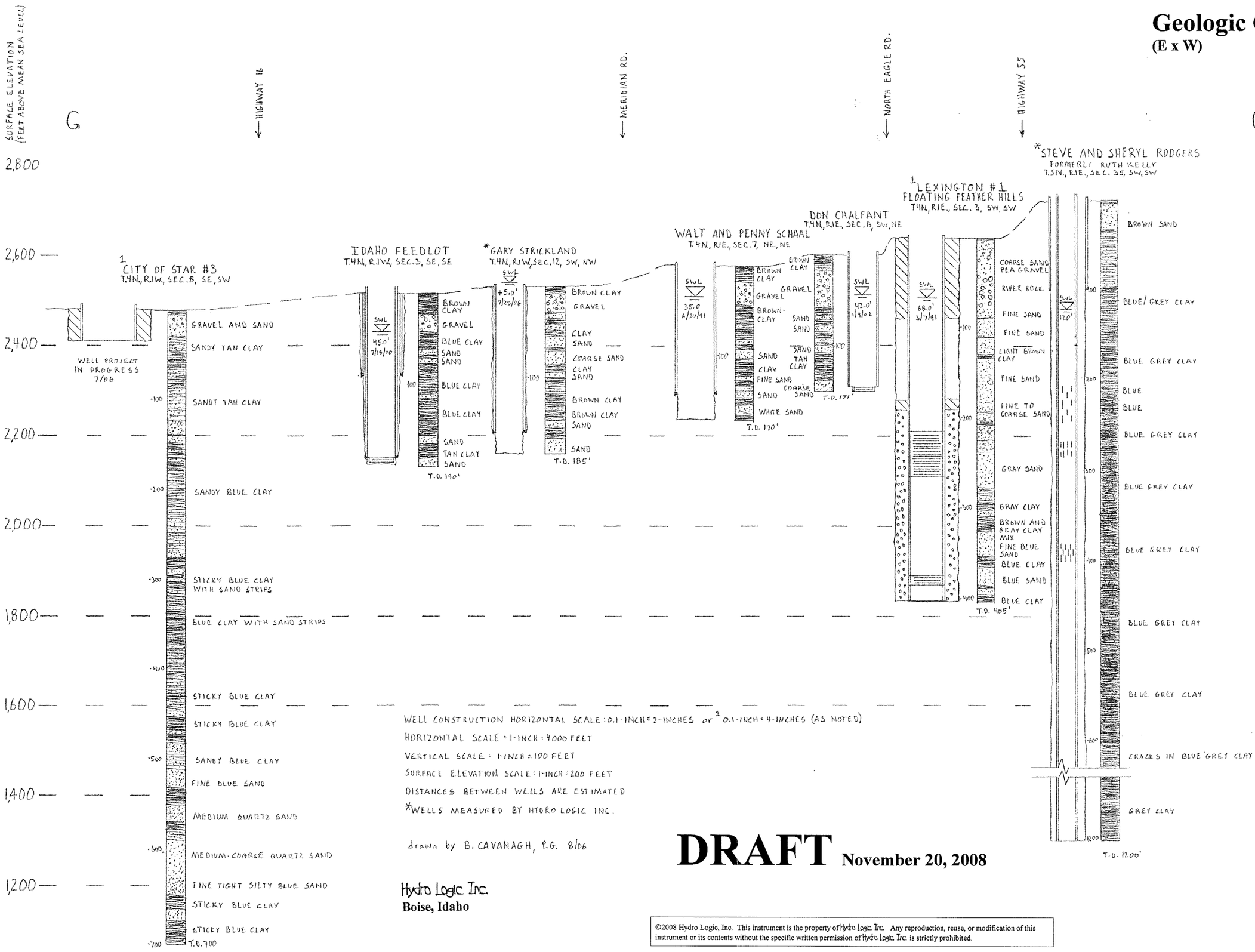
Geologic Cross-Section G-G'
(E x W)



WELL CONSTRUCTION HORIZONTAL SCALE: 0.1-INCH = 2-INCHES or [1] 0.1-INCH = 4-INCHES (AS NOTED)
HORIZONTAL SCALE = 1-INCH = 4000 FEET
VERTICAL SCALE = 1-INCH = 100 FEET
SURFACE ELEVATION SCALE = 1-INCH = 200 FEET
DISTANCES BETWEEN WELLS ARE ESTIMATED
*WELLS MEASURED BY HYDRO LOGIC INC.

drawn by B. CAVANAGH, P.G. 8/06

Hydro Logic Inc.
Boise, Idaho

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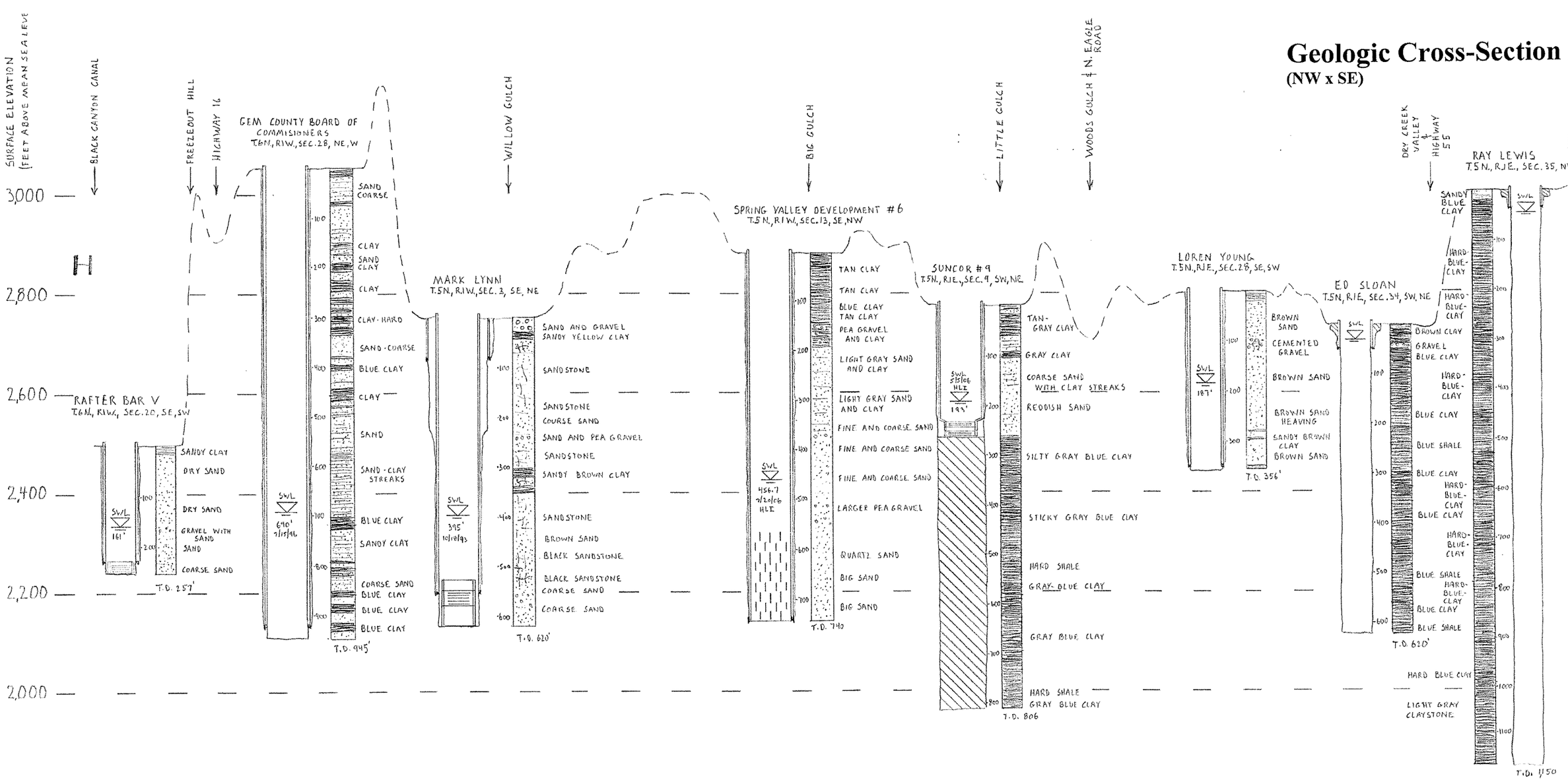
Geologic Cross-Section H-H'
(NW x SE)



WELL CONSTRUCTION HORIZONTAL SCALE: 0.1-INCH = 2-INCHES

HORIZONTAL SCALE: 1-INCH = 5000 FEET

VERTICAL SCALE: 1-INCH = 200 FEET

SURFACE ELEVATION SCALE: 1-INCH = 200 FEET

DISTANCES BETWEEN WELLS ARE ESTIMATED

drawn by B. CAVANAGH P.G. 8/06

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Boise, Idaho

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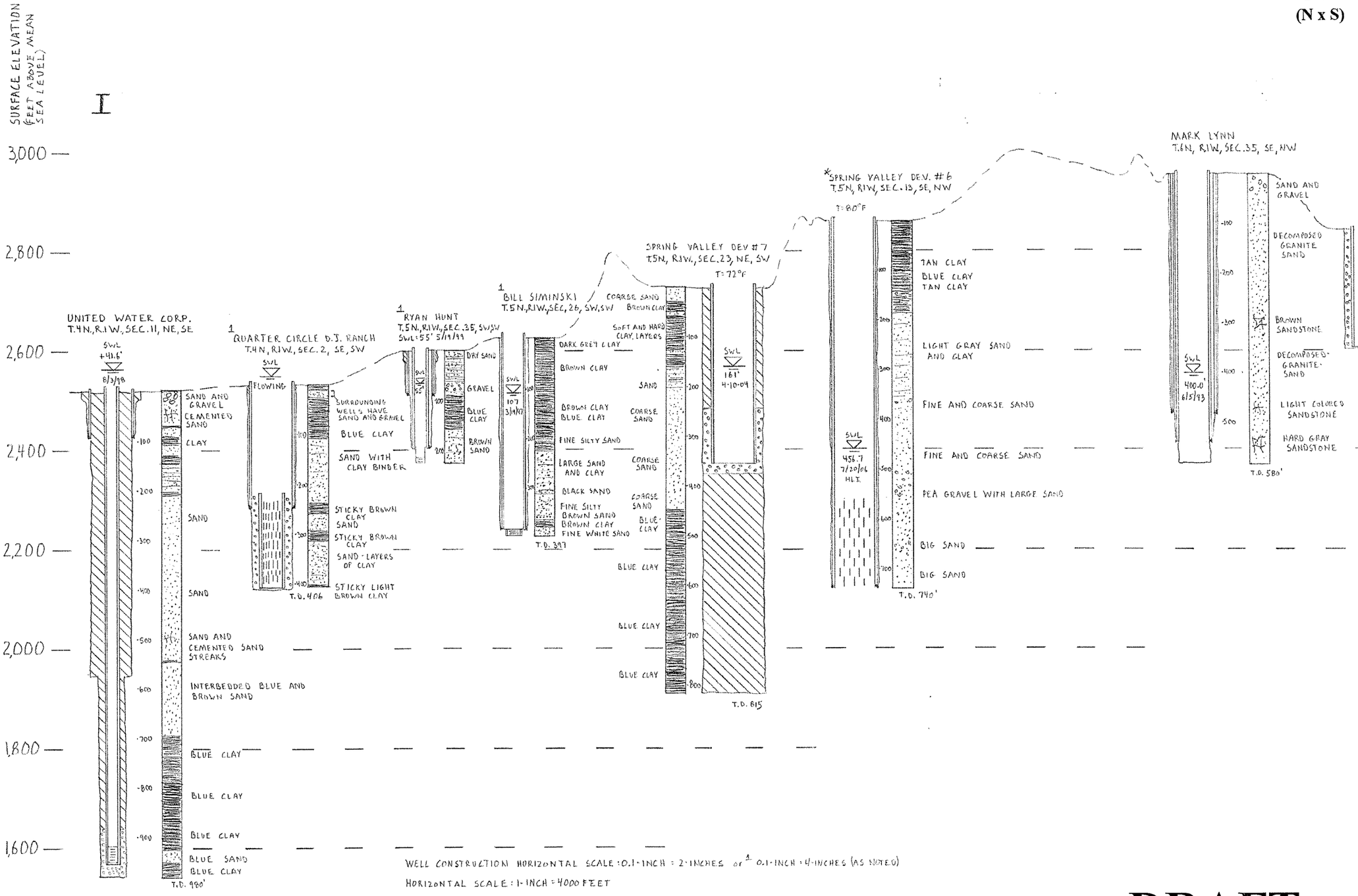
Geologic Cross-Section I-I'
(N x S)



WELL CONSTRUCTION HORIZONTAL SCALE: 0.1-INCH = 2-INCHES or ± 0.1-INCH = 4-INCHES (AS NOTED)

HORIZONTAL SCALE: 1-INCH = 4000 FEET

VERTICAL SCALE: 1-INCH = 100 FEET

SURFACE ELEVATION SCALE: 1-INCH = 200 FEET

DISTANCES BETWEEN WELLS ARE ESTIMATED

* WELLS MEASURED BY HYDRO LOGIC INC.

drawn by: B. CAVANAGH, P.G.

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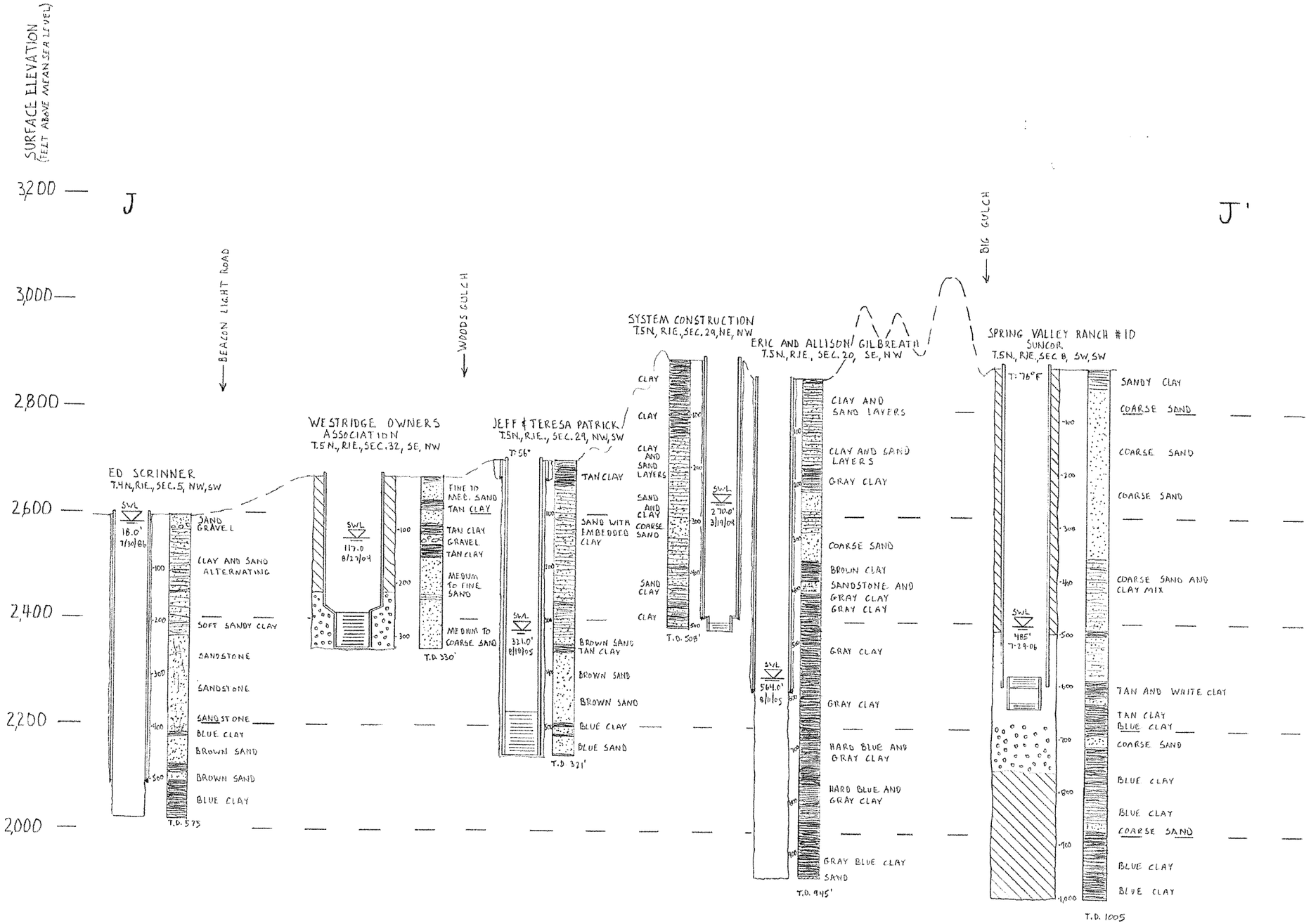
Geologic Cross-Section J-J'
(N x S)



WELL CONSTRUCTION HORIZONTAL SCALE: 0.1-INCH = 2-INCHES

HORIZONTAL SCALE: 1-INCH : 3000 FEET

VERTICAL SCALE: 1-INCH = 200 FEET

SURFACE ELEVATION SCALE: 1-INCH: 200 FEET

DISTANCES BETWEEN WELLS ARE ESTIMATED

drawn by B. CAVANAGH, P.G. 8/06

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Boise, Idaho

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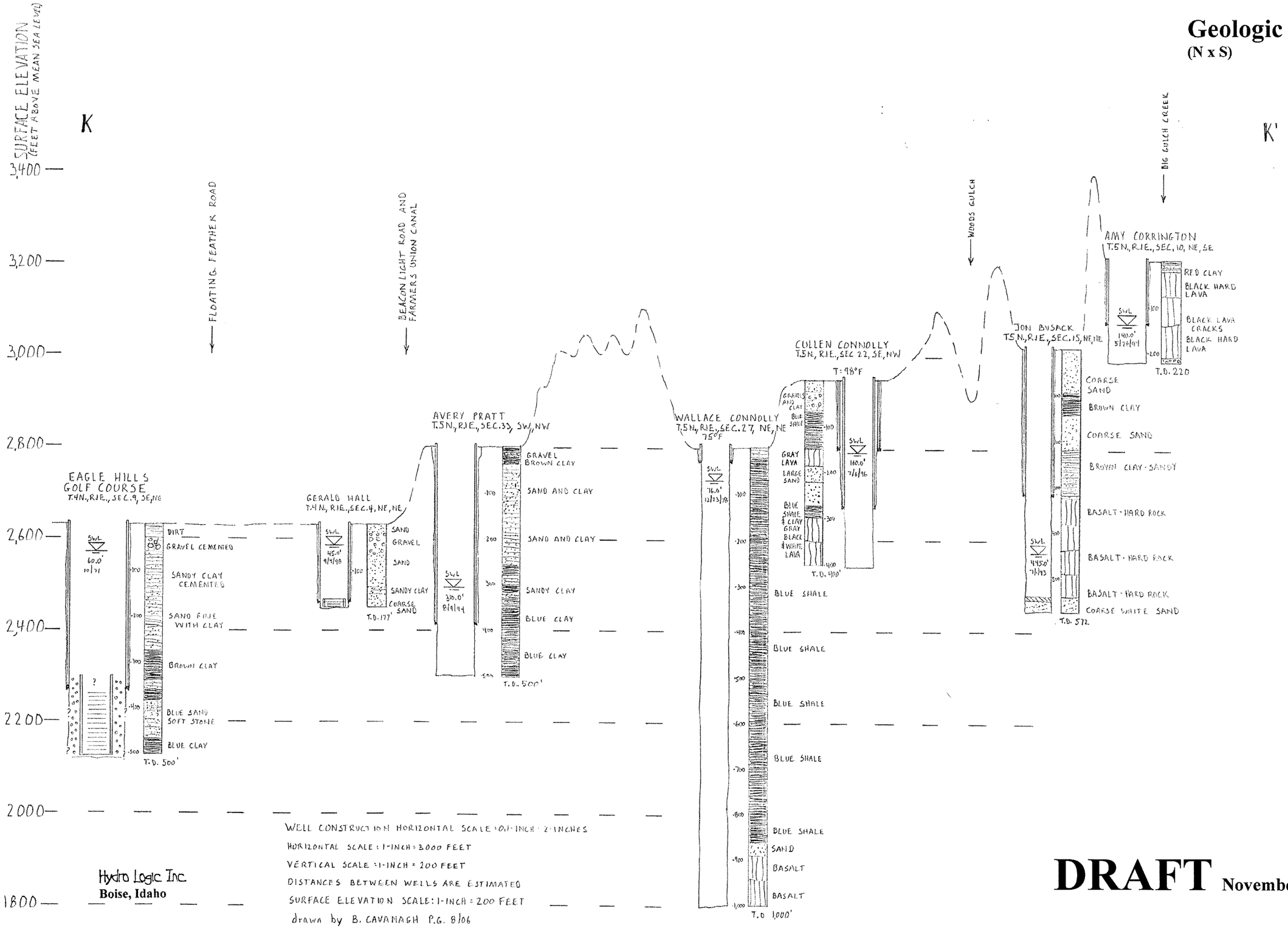
Geologic Cross-Section K-K'
(N x S)



WELL CONSTRUCTION HORIZONTAL SCALE: 0.1-INCH = 2-INCHES

HORIZONTAL SCALE: 1-INCH = 3000 FEET

VERTICAL SCALE: 1-INCH = 200 FEET

DISTANCES BETWEEN WELLS ARE ESTIMATED

SURFACE ELEVATION SCALE: 1-INCH = 200 FEET

drawn by B. CAVANAGH P.G. 8/06

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Geologic Cross-Section L-L'
(N x S)

L

L'

SURFACE ELEVATION FEET ABOVE MEAN SEA LEVEL

3,600
3,400
3,200
3,000
2,800
2,600
2,400
2,200
(1,600)

HIGHWAY 55 — NORTH HORSESHOE BEND ROAD — HIGHWAY 55 — HIGHWAY 55 — HIGHWAY 55 — HIGHWAY 55 — WILLOW CREEK

UWID LEXINGTON HILLS #2
T4N., R1E., SEC. 3, NW, SW

SWL 90.0' 4/14/92

COARSE SAND
CEMENTED GRAVEL
BROWN CLAY
GREY CLAY
SANDY GREY CLAY
SANDY GREY CLAY
FINE TO MEDIUM SAND
GREY CLAY
FINE TO MEDIUM SAND
GREY CLAY

T.D. 615'

* STEVE AND SHERYL RODGERS
FORMERLY RUTH KELLY
T.5N., R1E., SEC. 36, SW, SW

SWL 120'

BROWN SAND
BROWN SAND AND CLAY STRIPS
BLUE GREY CLAY
BLUE GREY CLAY
BLUE GREY CLAY
BLUE GREY CLAY
GREY CLAY
CRACKS IN GREY CLAY
GREY CLAY

T.D. 1200'

JOHN FERGUSON
T.5N., R1E., SEC. 25, NW, SE

SWL 86.0' 12/5/72

BROWN STICKY CLAY
BLUE CLAY
STICKY BLUE CLAY AND QUARTZ SAND
BLUE CLAY
BLUE CLAY
QUARTZ SAND AND BLUE CLAY
QUARTZ SAND

T.D. 500'

JERRENE PHILLIPS
T.5N., R.2E., SEC. 19, SW, SW

BROWN SAND
BROWN ROCK
BROWN CLAY
BROWN GRAVEL
BROWN HARD SANDSTONE
BROWN BLACK HARD GRANITE
GRAY CRACKED GRANITE
GRAY GRANITE
HARD GRAY GRANITE
SOLID GRAY GRANITE
CRACKS IN GRANITE
SOFT GRANITE
CRACKS IN GRANITE
SOFT GRANITE
HARD GRANITE
HARD GRANITE CRACKS
GRAY GRANITE SOFTER
HARD GRANITE / FRACTURE

SWL 340' 9/26/94

T.D. 1036'

VALLEY RANCH #5
T.5N., R2E., SEC. 18, SW, SE

SWL 23.0 2/4/04

TUFF WELL CEMENTED LIGHT & DARK BROWN
BRECCIA OR RUBBLE VARIETY OF APHANITIC ROCK TYPES
CLAY (WHITE) TUFFACEOUS SEDIMENTS
BRECCIA OR RUBBLE
DECOMPOSED GRANITE

T.D. 443'

LITHOLOGY BY T. SCANLAN P.E., P.G. & C. FEIST P.G.

SPRING VALLEY RANCH #4
T.5N., R2E., SEC. 7, NW, SE

COARSE TO VERY COARSE SAND
TUFF-HARD-BRITTLE
SAND AND GRAVEL
GRANITE COBBLES AND SAND
CLAY
WEATHERED GRANITE
GRANITE CLEAN QUARTZ WHITE FELDSPAR BIOTITE
FRACTURES
GRANITE CLEAN QUARTZ WHITE FELDSPAR BIOTITE

SWL 1.1' 3/14/03

T.D. 1220'

LITHOLOGY BY FEIST GEOSCIENCES

SPRING VALLEY RANCH #3
T.5N., R1E., SEC. 1, SE, SE

SWL 175' 11/20/02

COARSE TO VERY COARSE SAND
SAND AND GRAVEL
SAND
CLAY-WEATHERED BASALT
CLAY
SILTSTONE
CLAY-GREENISH GRAY
SILTSTONE SHALE
SILTSTONE
SHALE AND CLAYSTONE
TUFF AND BASALT
TUFFACEOUS SS. DARK GRAY
CLAY WITH SILTSTONE FRAGMENTS

T.D. 970'

LITHOLOGY BY FEIST GEOSCIENCES

SPRING VALLEY RANCH #2
T.6N., R1E., SEC. 36, NE, SE

SWL 31' 11/22/02

SANDY CLAY
SHALE AND CLAY
SANDSTONE AND SAND
CLAY LIGHT BROWN TO GRAY
SANDSTONE
CLAY GREENISH BROWN
SANDSTONE CLAYEY TO SHALEY
STICKY GRAY CLAY
BASALT BLACK APHANITIC
SAND AND SANDSTONE
SANDSTONE LIGHT-DARK GRAY
DECOMPOSED GRANITE

T.D. 810'

LITHOLOGY BY FEIST GEOSCIENCES

* WATER LEVEL MEASURED BY HYDRO LOGIC 7/06

WELL CONSTRUCTION HORIZONTAL SCALE: 0.1-INCH = 2-INCHES EXCEPT WHERE DASHED

HORIZONTAL SCALE: 1-INCH: 3000 FEET

VERTICAL SCALE: 1-INCH: 200 FEET

SURFACE ELEVATION SCALE: 1-INCH: 200 FEET

DISTANCES BETWEEN WELLS ARE ESTIMATED

drawn by B. CAVANAGH P.G. 8/06

Hydro Logic Inc.
Boise, Idaho

DRAFT **November 20, 2008**