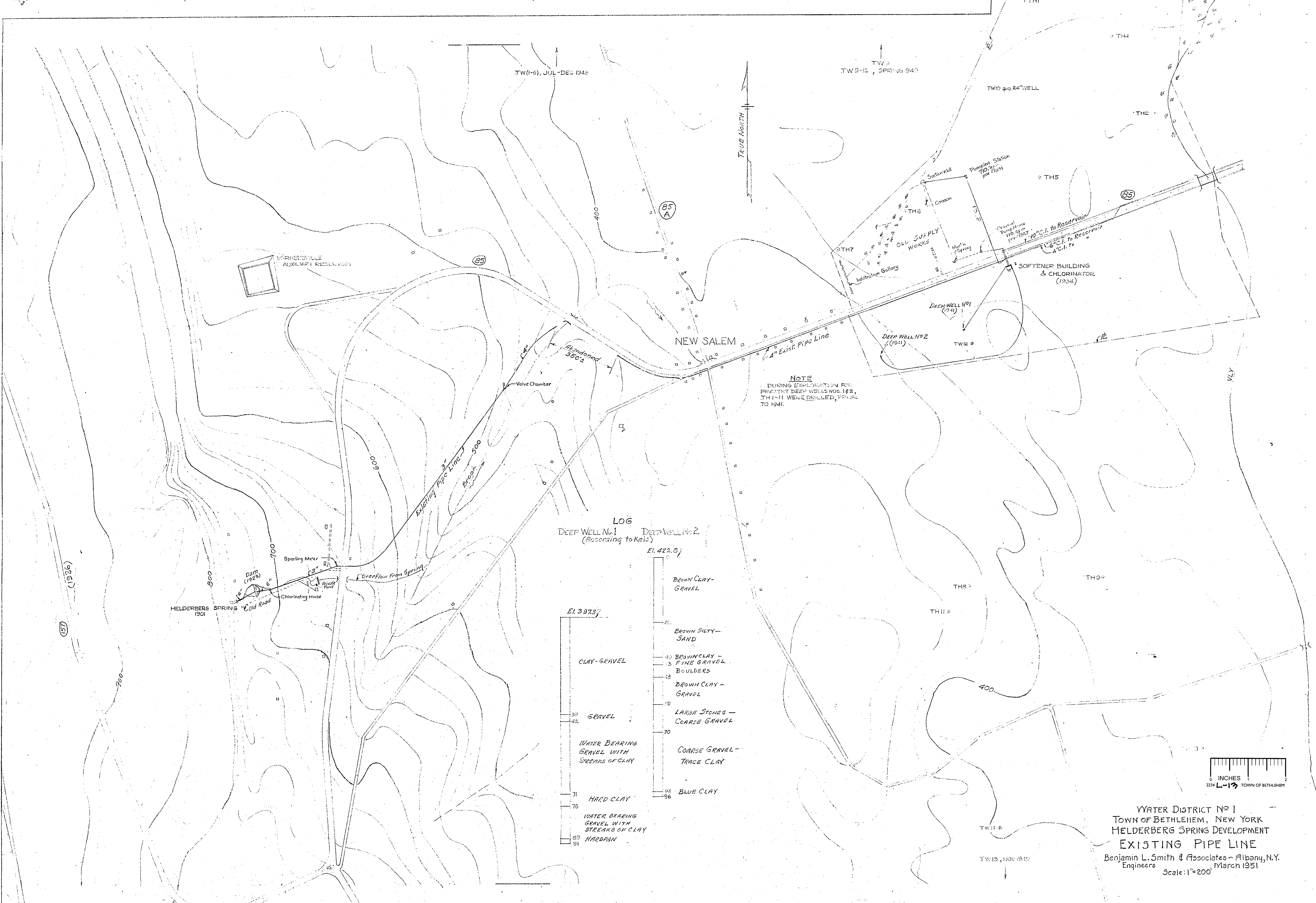




TW(1-6), JUL-DEC 1948

TW 9-12, SPRING 948

TW 10 24" WELL

TH5

TH2

TH4

TH1

WATERVILLE
AUXILIARY RESERVOIR

NEW SALEM

SOFTENER BUILDING
& CHLORINATOR
(1934)

DEEP WELL NO. 1
(1941)

DEEP WELL NO. 2
(1941)

TW 12 24"

NOTE
DURING EXPLORATION FOR
PRESENT DEEP WELLS NOS. 1 & 2,
TH 1-11 WERE DRILLED, PRIOR
TO 1941.

LOG
DEEP WELL NO. 1
(According to Kels)

El. 422.5

El. 397.5

CLAY-GRAVEL

GRAVEL

WATER BEARING
GRAVEL WITH
STREAKS OF CLAY

HARD CLAY

WATER BEARING
GRAVEL WITH
STREAKS OF CLAY

HARDPAN

BROWN CLAY-
GRAVEL

BROWN SILTY-
SAND

BROWN CLAY -
FINE GRAVEL
BOULDERS

BROWN CLAY -
GRAVEL

LARGE STONES -
COARSE GRAVEL

COARSE GRAVEL -
TRACE CLAY

BLUE CLAY

HELDERBERG SPRINGS
1901

Dam
(1923)

Spouting Meter

Chlorinating House

Overflow from Spring

Existing Pipe Line - 3"

Proposed Pipe Line - 500'

Valve Chamber

Abandoned 350'

4" Existing Pipe Line

OLD SUPPLY
WORKS

Infiltration Gallery

Pumping Station
1901

Original Pump House
110' diam
1901

10" C.I. to Reservoir
6" C.I. to Reservoir
4" C.I. to Reservoir

0 INCHES
2 1/2
2334 L-12 TOWN OF BETHLEHEM

WATER DISTRICT NO. 1
TOWN OF BETHLEHEM, NEW YORK
HELDERBERG SPRING DEVELOPMENT
EXISTING PIPE LINE
Benjamin L. Smith & Associates - Albany, N.Y.
Engineers March 1951
Scale: 1"=200'