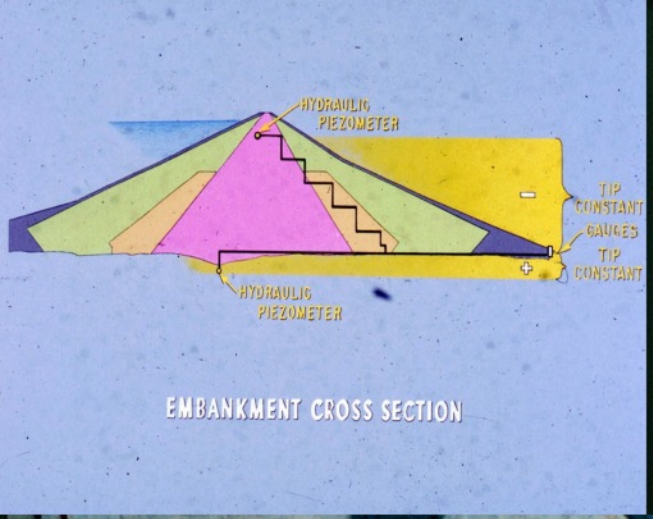
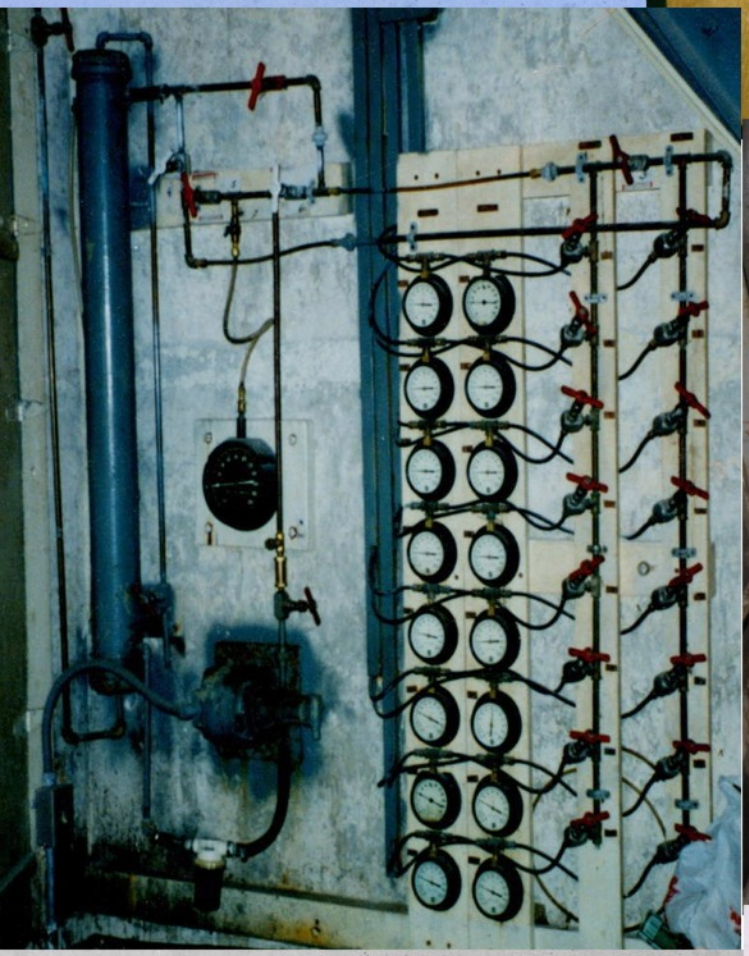
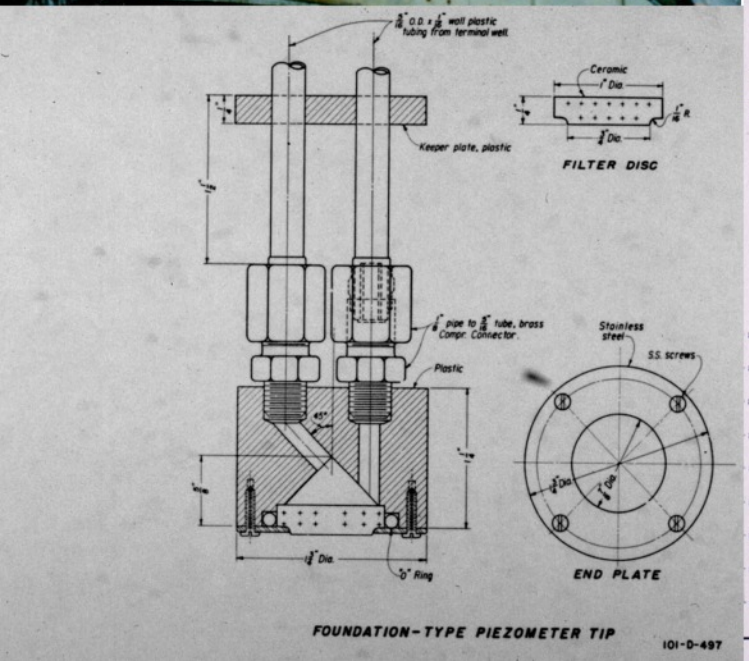
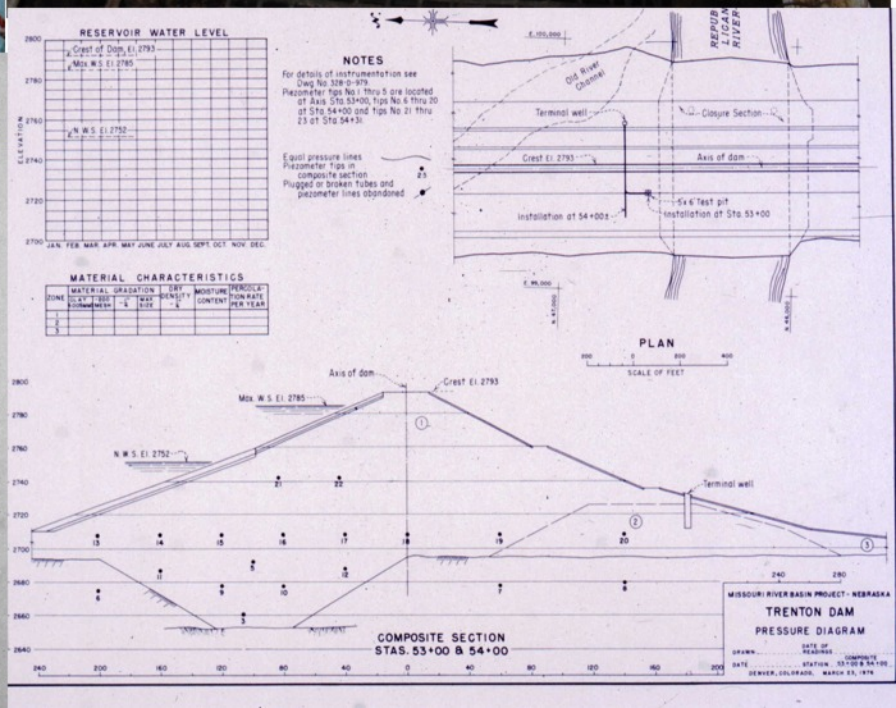

HYDRAULIC PIEZOMETER
TIP CONSTANT
GAUGES
TIP CONSTANT
HYDRAULIC PIEZOMETER
EMBANKMENT CROSS SECTION

100
50
150
0
200
-34
230
Feet
Head Water



08/19/2009 08:22


Keeper plate, plastic
Ceramic
FILTER DISC
Plastic
Stainless steel
S.S. screws
END PLATE
FOUNDATION-TYPE PIEZOMETER TIP
101-D-497


RESERVOIR WATER LEVEL
Crest of Dam, El. 2793
Max. W.S. El. 2785
N.W.S. El. 2752
ELEVATION
JAN. FEB. MAR. APR. MAY JUNE JULY AUG. SEPT. OCT. NOV. DEC.
NOTES
For details of instrumentation see Dwg. No. 328-D-979.
Piezometer tips No. 1 thru 5 are located at Axis Sta. 53+00, tips No. 6 thru 20 at Sta. 54+00 and tips No. 21 thru 23 at Sta. 54+31.
Equal pressure lines
Piezometer tips in composite section
Plugged or broken tubes and piezometer lines abandoned
MATERIAL CHARACTERISTICS
ZONE
MATERIAL GRADATION
DRY DENSITY
MOISTURE CONTENT
PERCOLATION RATE PER YEAR
Old River Channel
Terminal well
Closure Section
Crest El. 2793
Axis of dam
Installation at 54+00±
5'x6' Test pit
Installation at Sta. 53+00
PLAN
SCALE OF FEET
Axis of dam
Crest El. 2793
Max. W.S. El. 2785
N.W.S. El. 2752
Terminal well
COMPOSITE SECTION
STAS. 53+00 & 54+00
MISSOURI RIVER BASIN PROJECT - NEBRASKA
TRENTON DAM
PRESSURE DIAGRAM
DENVER, COLORADO, MARCH 23, 1976