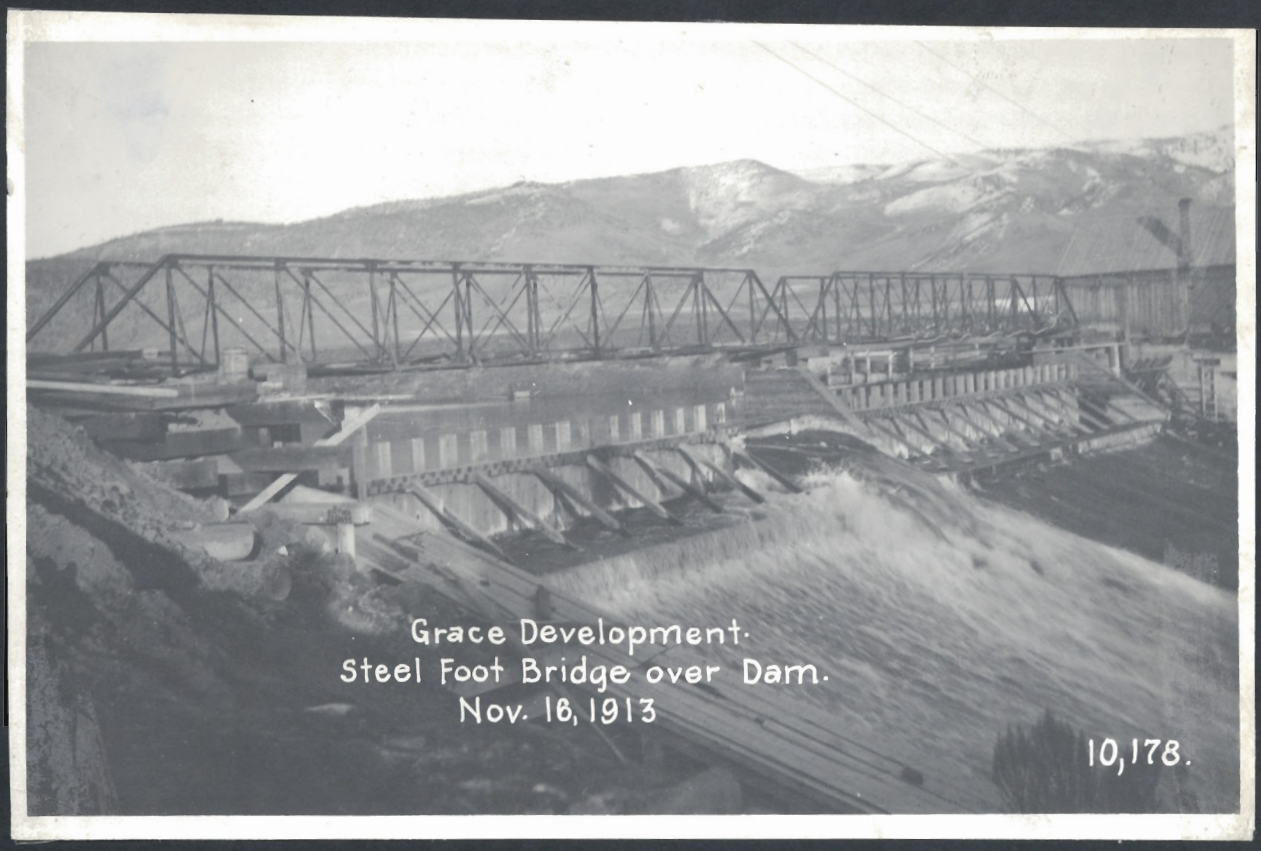
Grace Development

Bear River, Idaho

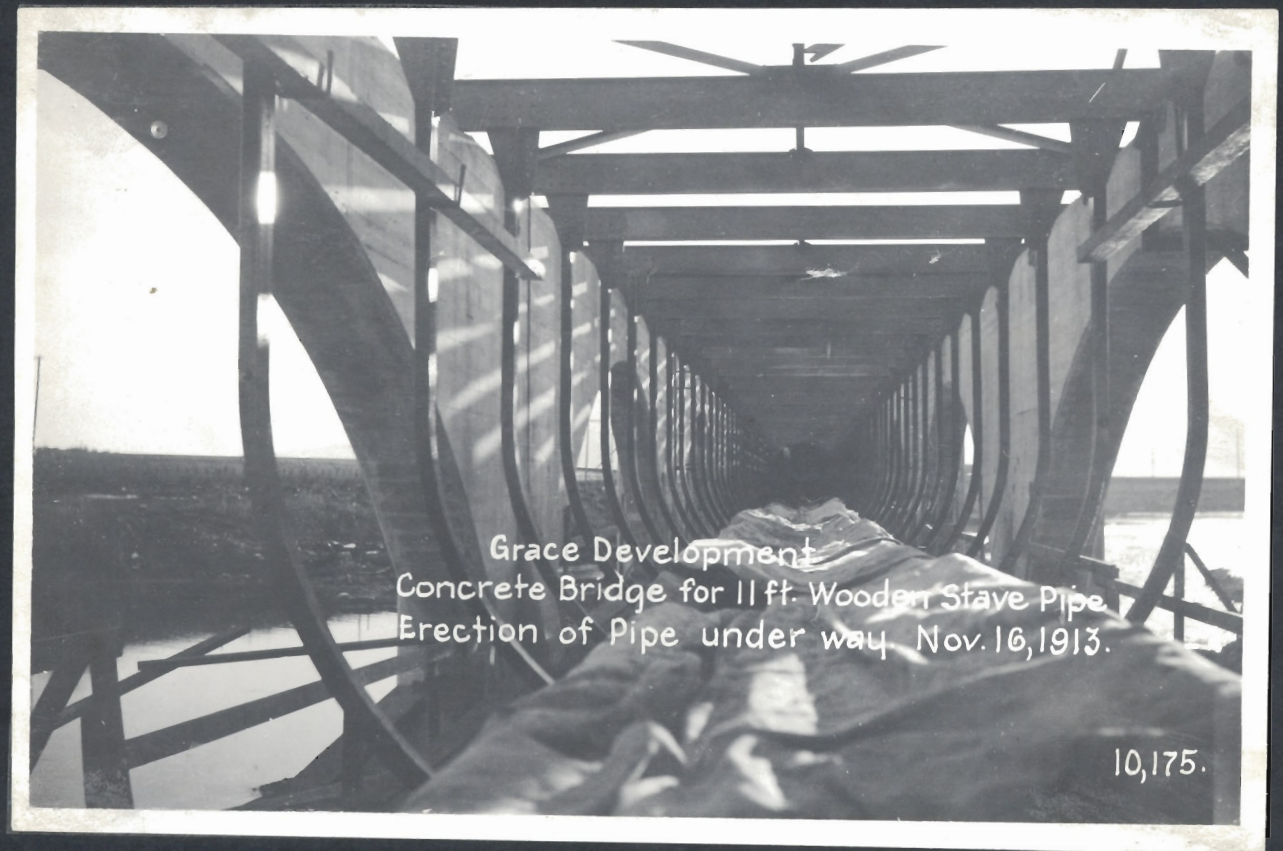
1913

November - December



Grace Development.
Steel Foot Bridge over Dam.
Nov. 16, 1913

10,178.



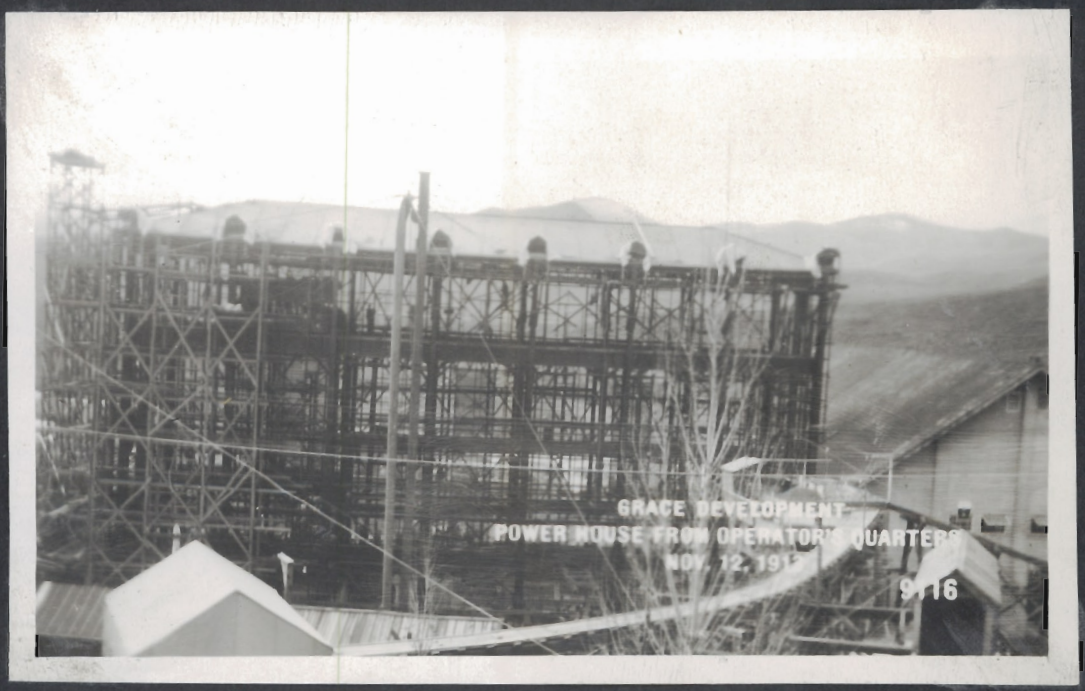
Grace Development.
Concrete Bridge for 11 ft. Wooden Stave Pipe.
Erection of Pipe under way. Nov. 16, 1913.

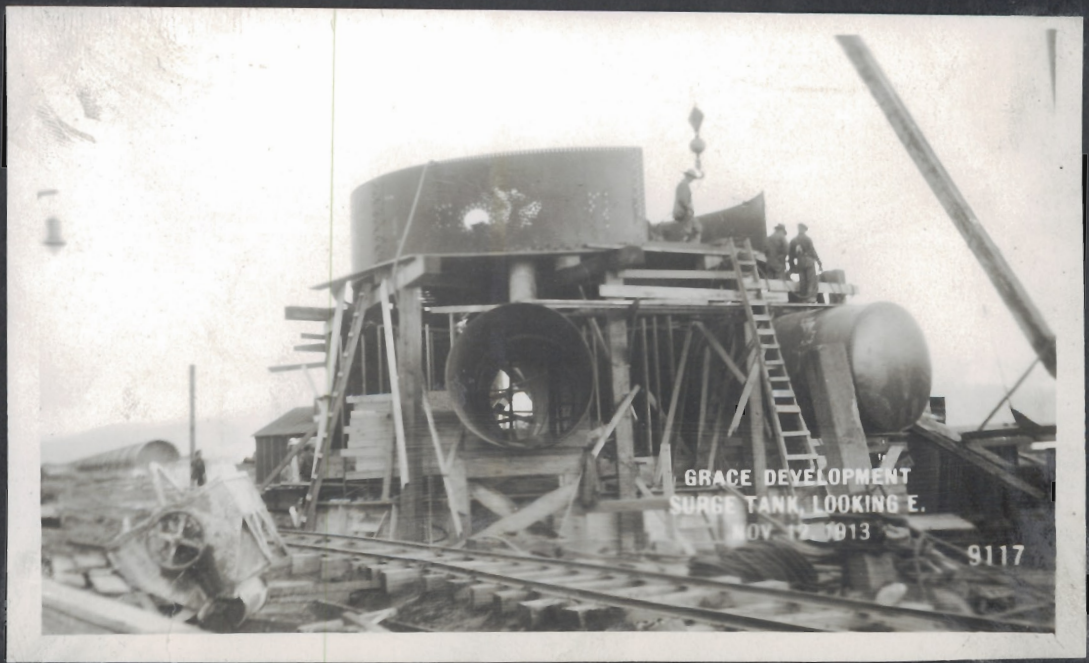
10,175.


Grace Development.
Switch Yard, view North.
Dec. 1, 1913.
10,202.


Grace Development.
Tail Race
Dec. 1, 1913.
10,201.


GRACE DEVELOPMENT
PENSTOCK ERECTED
NOV. 12, 1913
9115


GRACE DEVELOPMENT
POWER HOUSE FROM OPERATOR'S QUARTERS
NOV. 12, 1913
9116


GRACE DEVELOPMENT
SURGE TANK, LOOKING E.
NOV. 12, 1913
9117



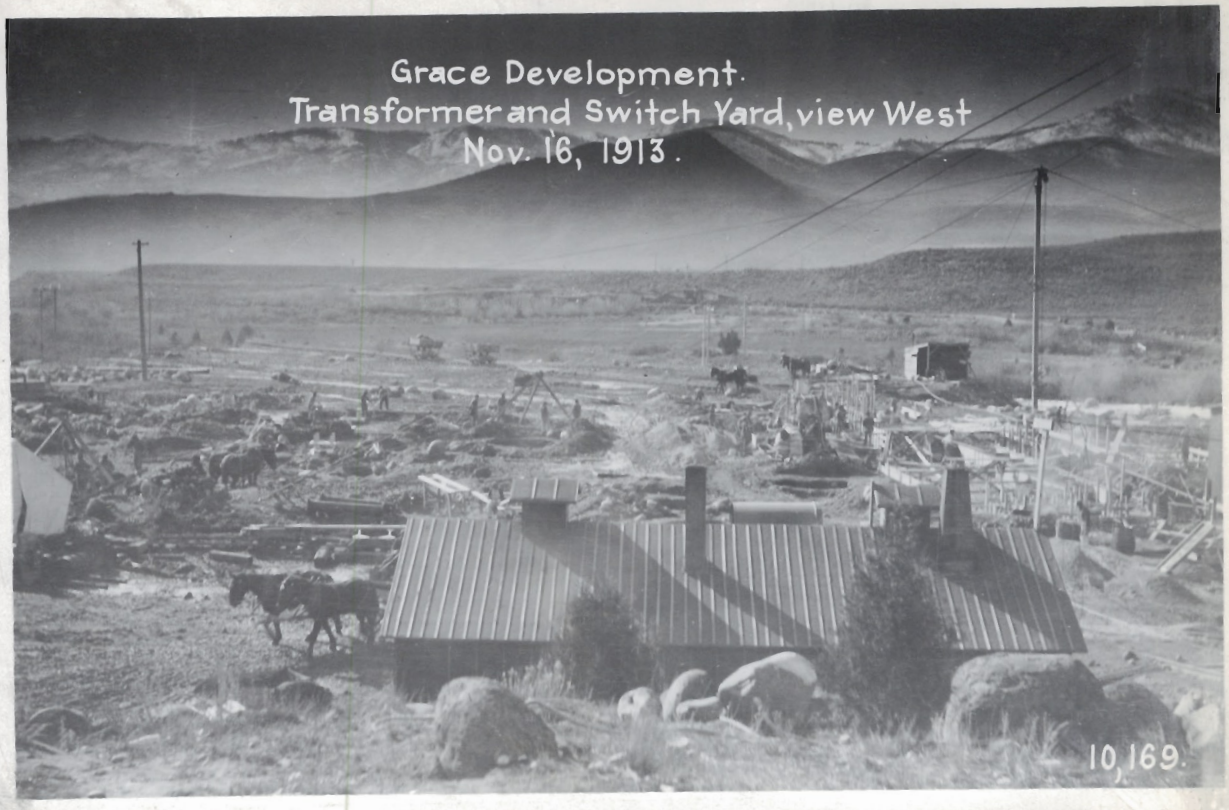
GRACE DEVELOPMENT
STEAM SHOVELS ON SIDING AT CAMP NO. 2
NOV. 12, 1913
9118



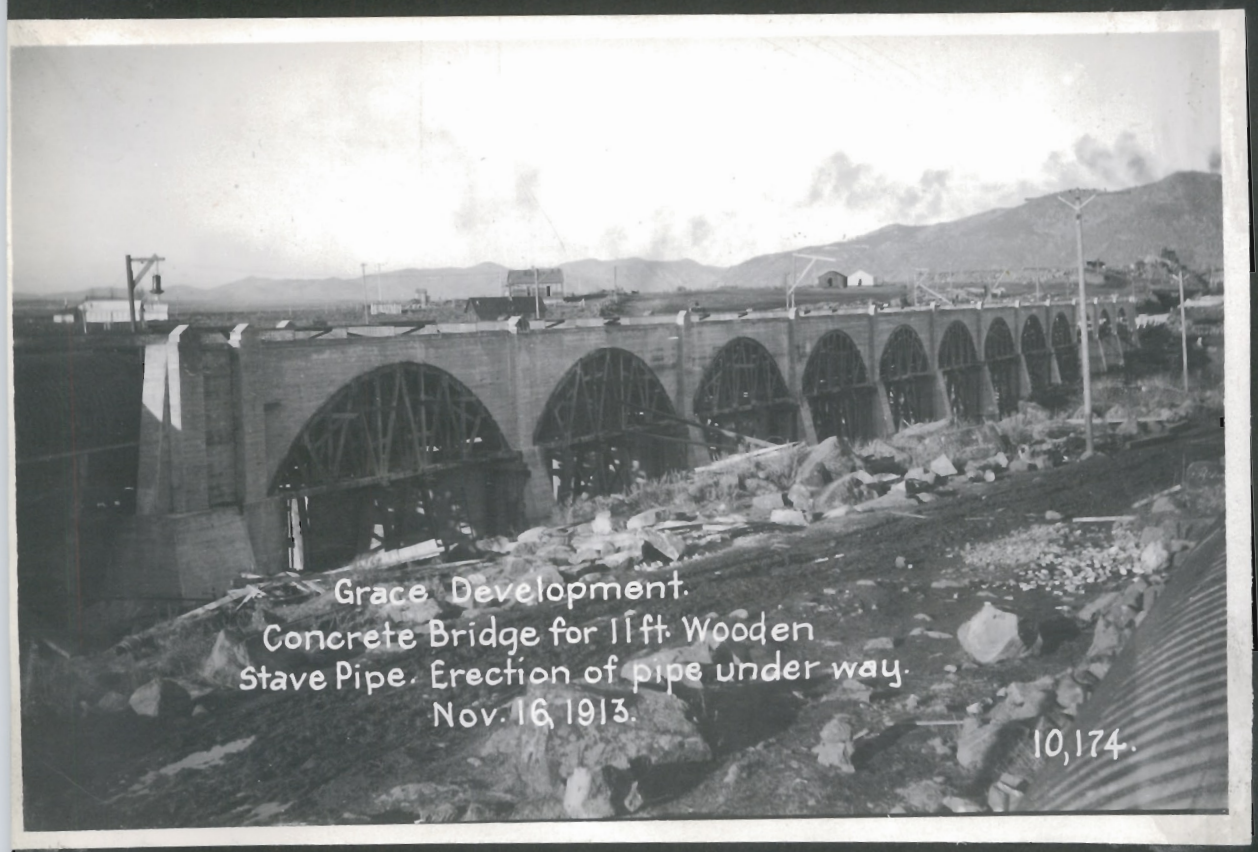
GRACE DEVELOPMENT
ERECTING WOOD STAVE PIPE AT STA. 60,
SHOWING HIGHWAY BRIDGE, STA. 56
NOV. 12, 1913
9119



GRACE DEVELOPMENT
INTAKE EXCAVATION
NOV. 12, 1913
9120

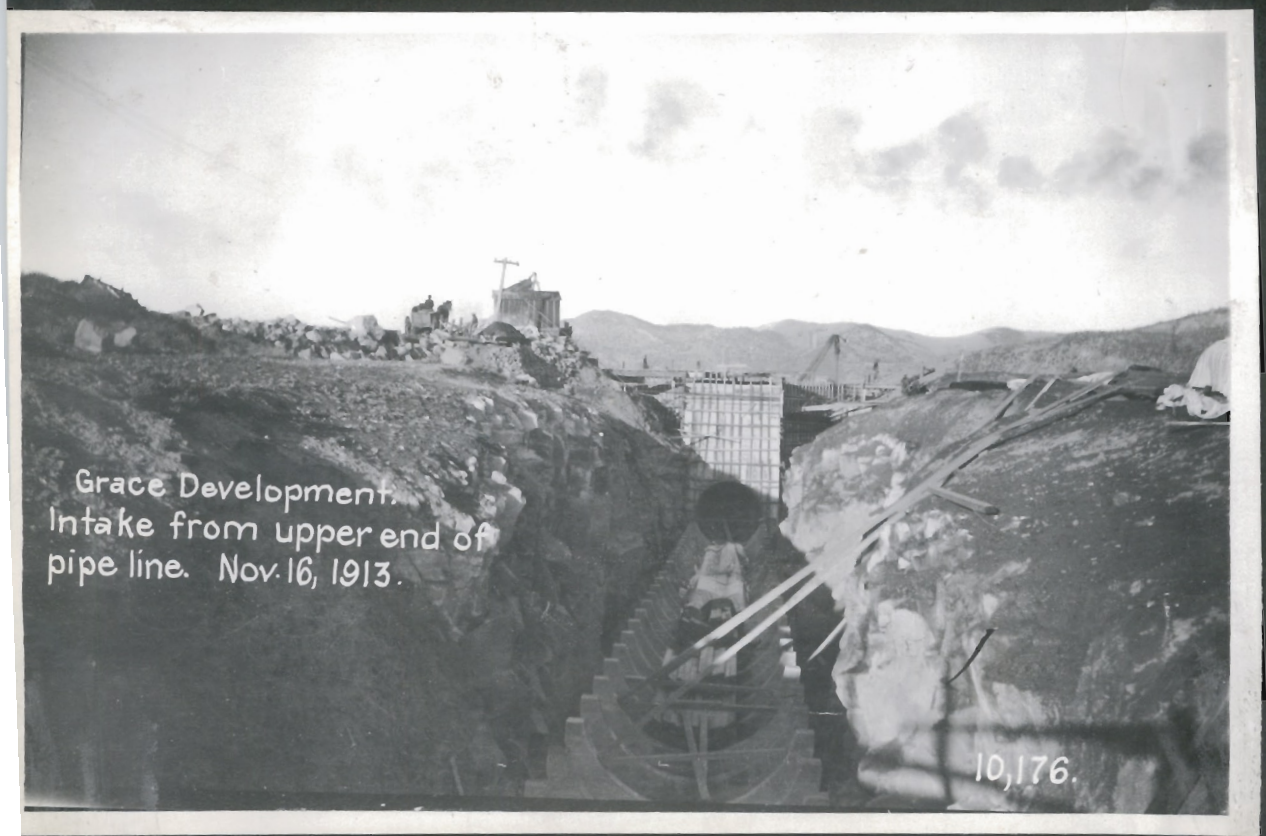

Grace Development.
Transformer and Switch Yard, view West
Nov. 16, 1913.
10,169.


Grace Development.
Penstock, Section 22-89 completed
Nov. 16, 1913.
10,171.



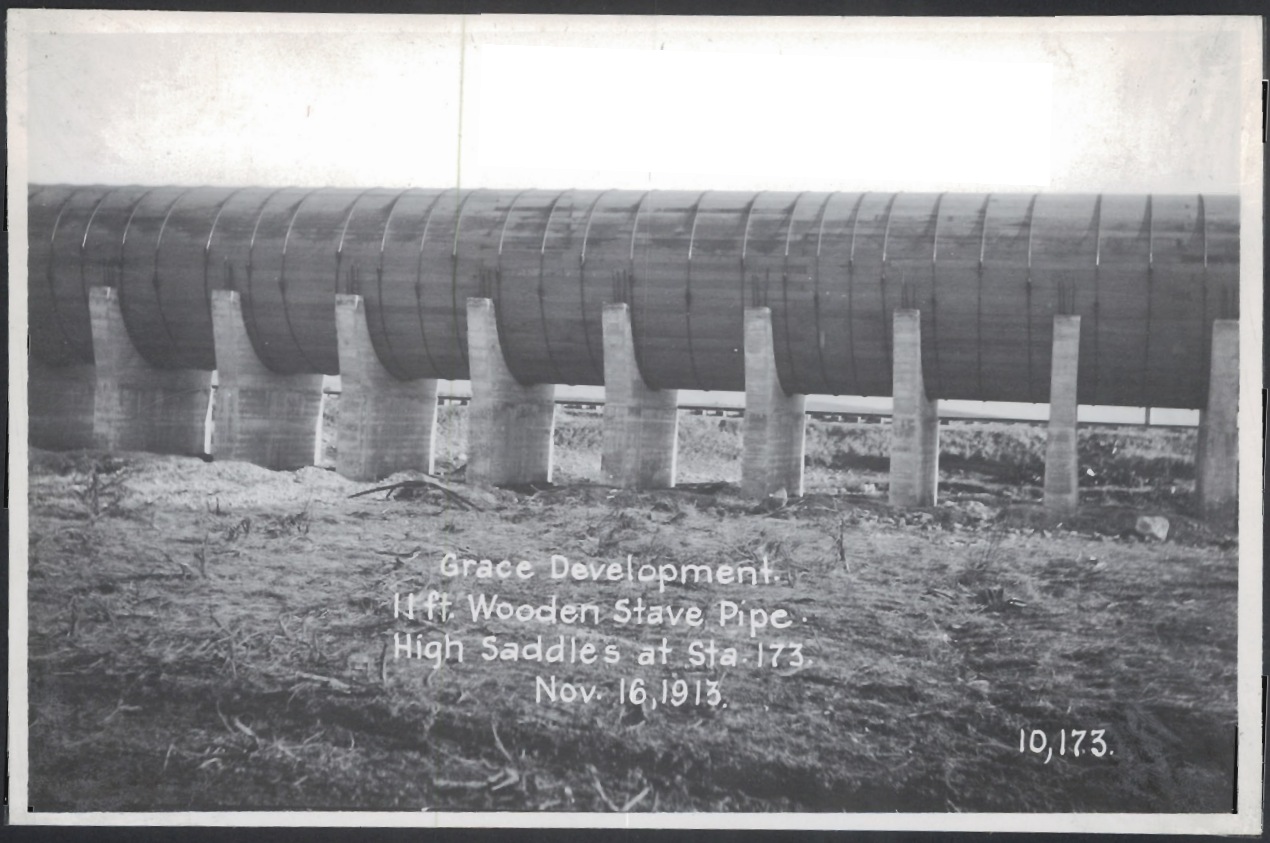
Grace Development.
Concrete Bridge for 11 ft. Wooden
Stave Pipe. Erection of pipe under way.
Nov. 16, 1913.

10,174.



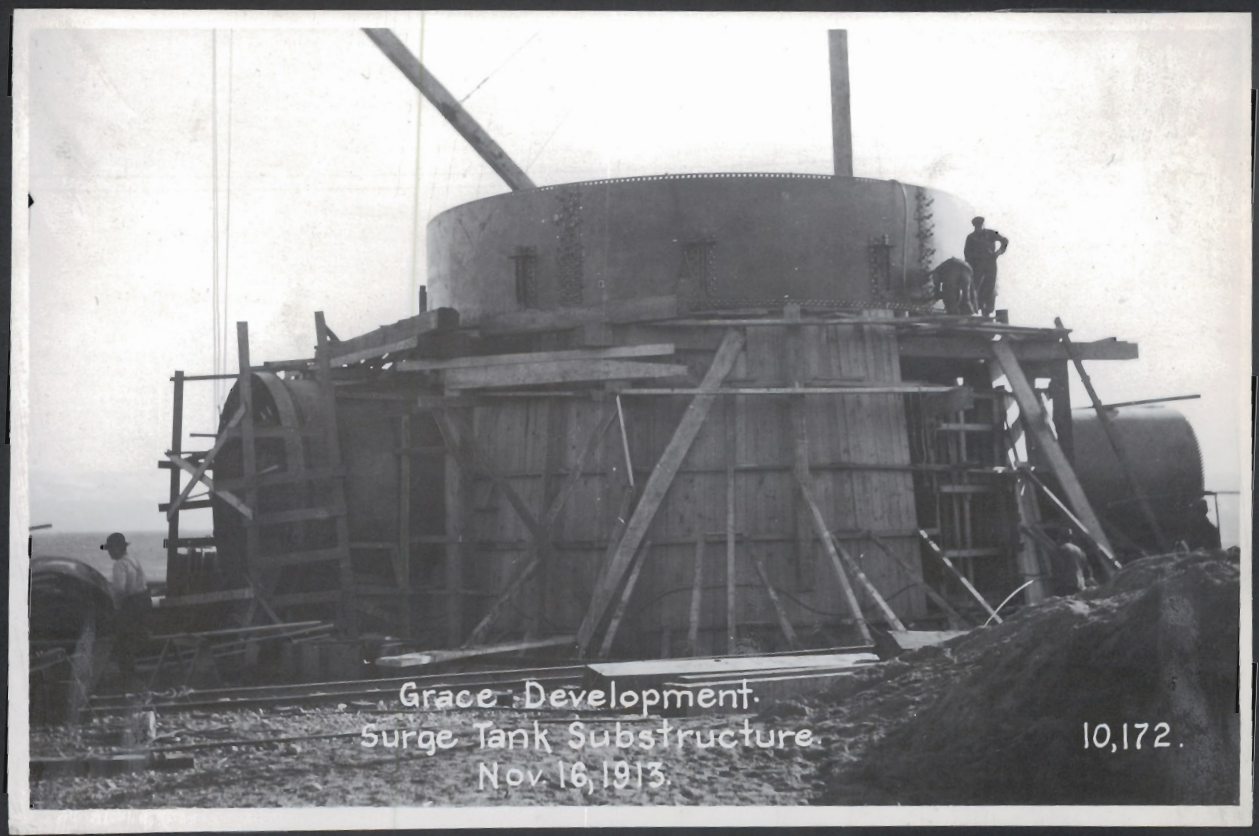
Grace Development.
Intake from upper end of
pipe line. Nov. 16, 1913.

10,176.



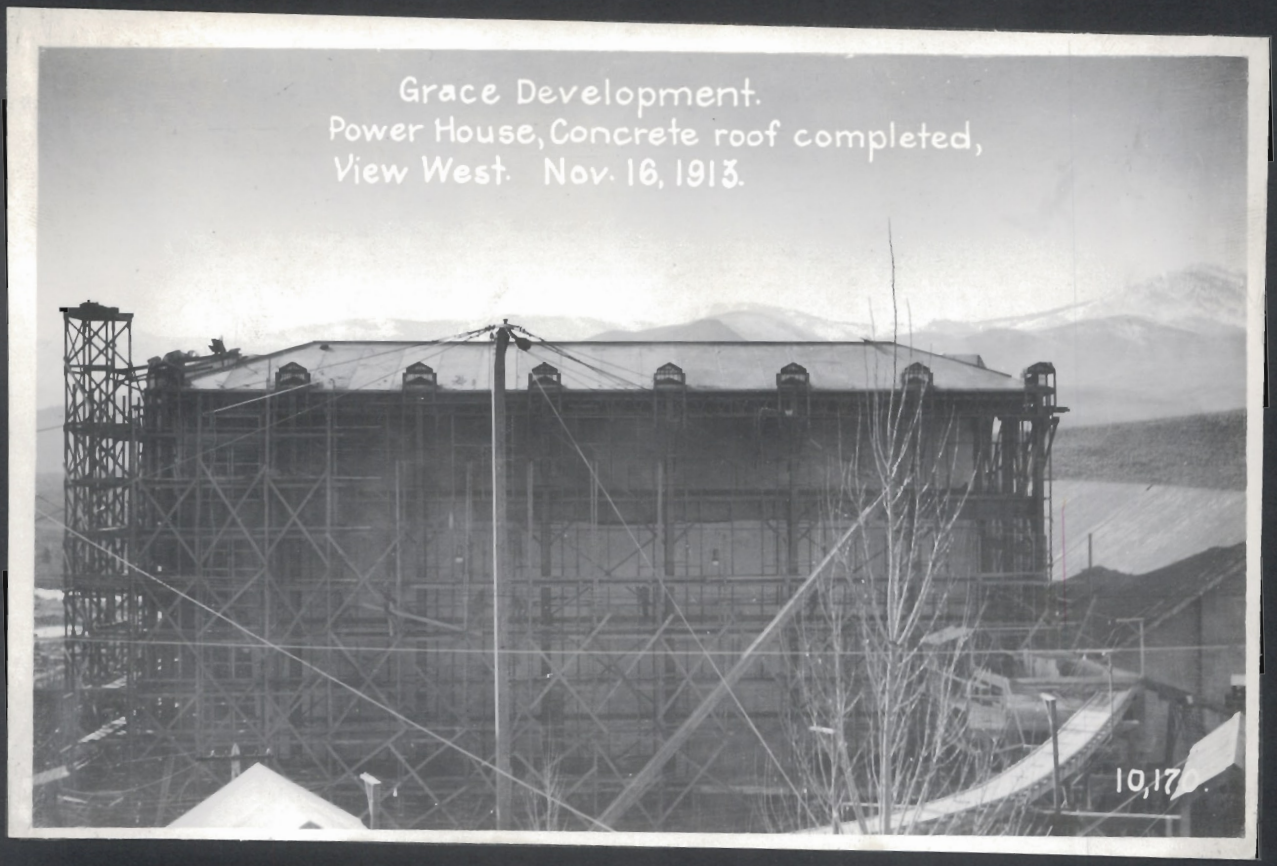
Grace Development.
11 ft. Wooden Stave Pipe.
High Saddles at Sta. 173.
Nov. 16, 1913.

10,173.



Grace Development.
Surge Tank Substructure.
Nov. 16, 1913.

10,172.



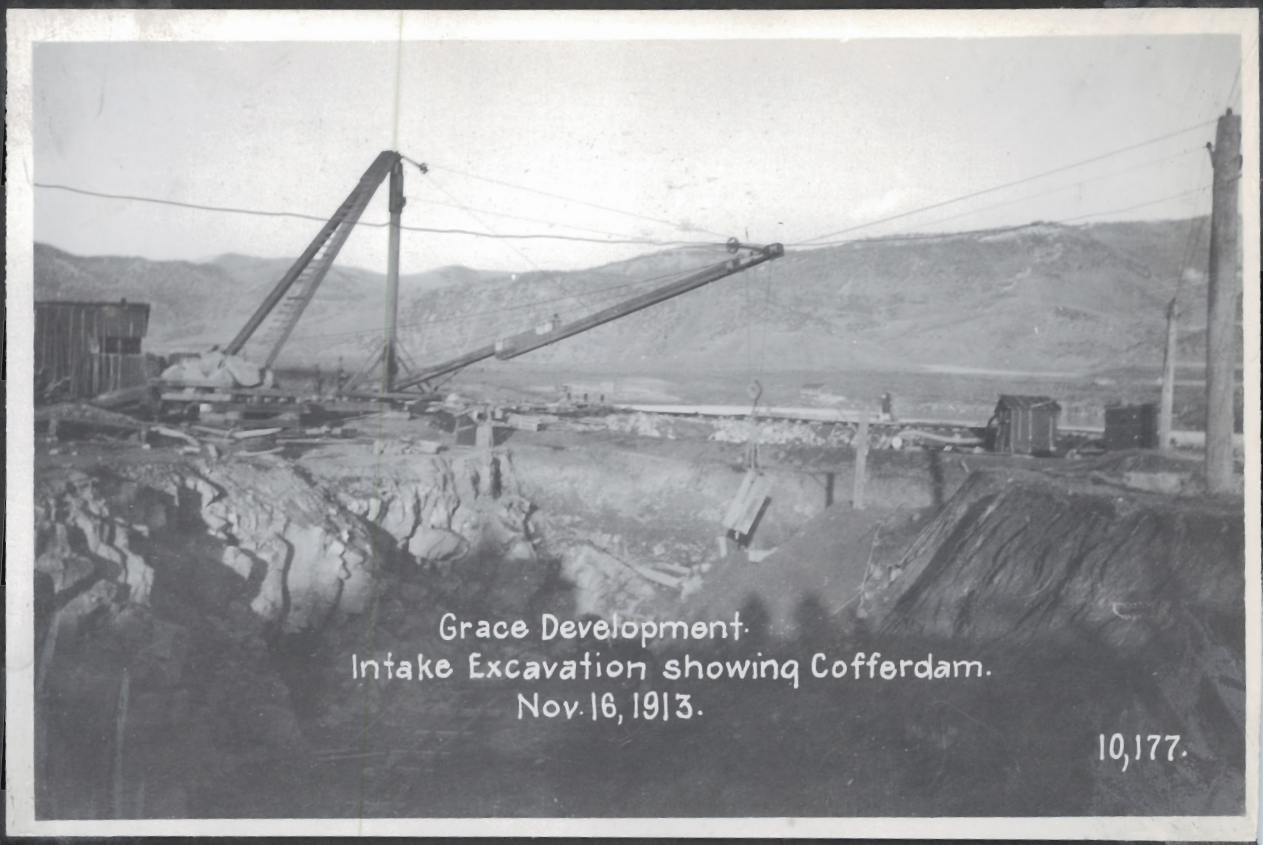
Grace Development.
Power House, Concrete roof completed,
View West. Nov. 16, 1913.

10,17



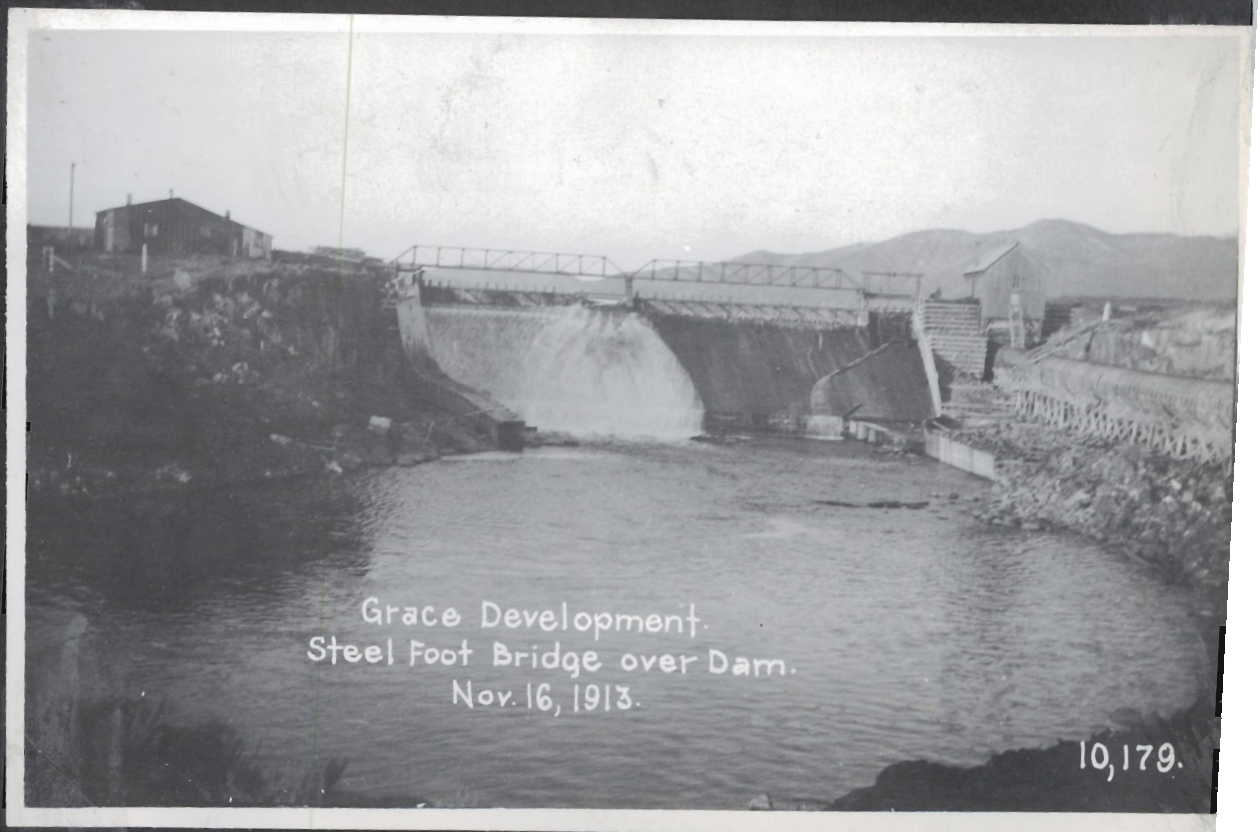
Grace Development.
Power House, Tarpaulin covering to protect
concrete from frost. Nov. 16, 1913.

10,168.



Grace Development.
Intake Excavation showing Cofferdam.
Nov. 16, 1913.

10,177.



Grace Development.
Steel Foot Bridge over Dam.
Nov. 16, 1913.

10,179.



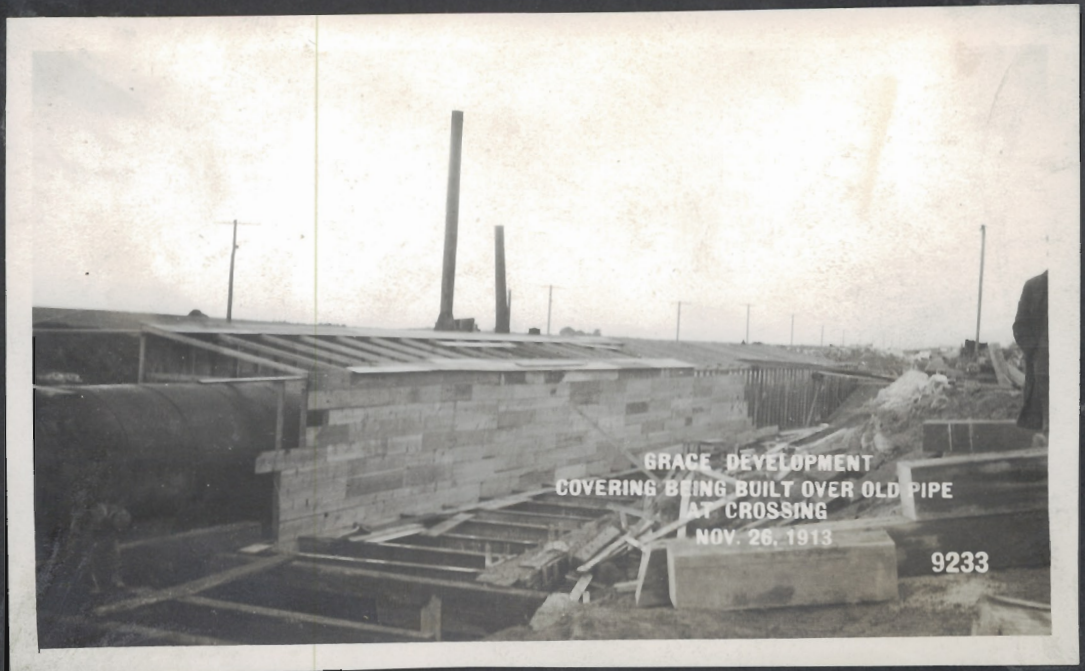
Grace Development.
Steel foot bridge and new flash boards.
Dec. 1, 1913. 10.208.

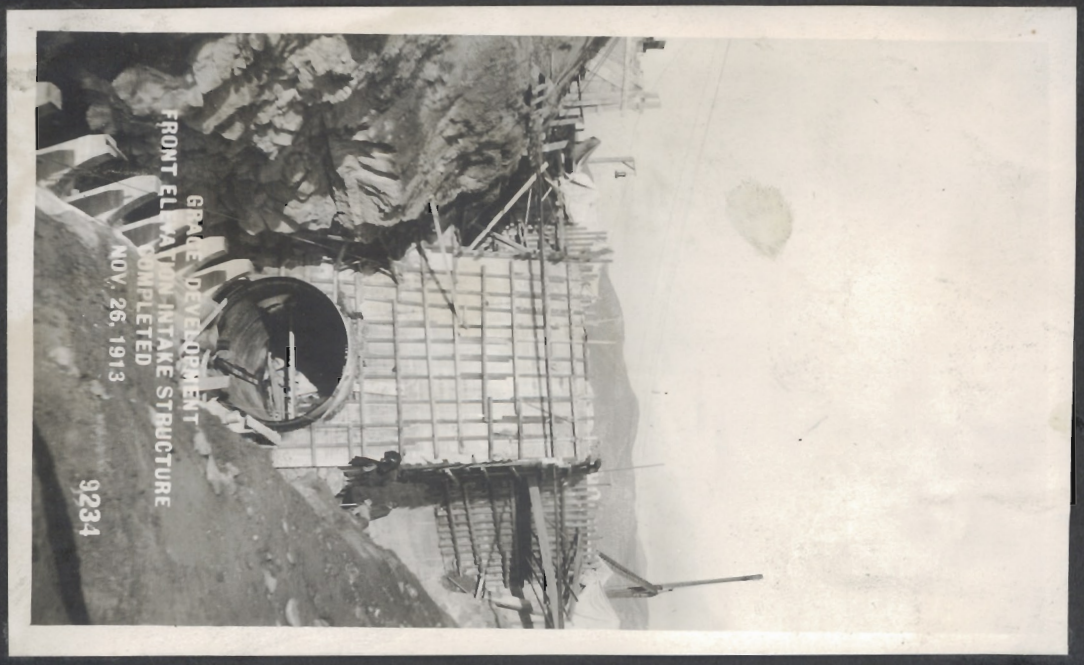


Grace Development.
Lower face of Intake. Dec. 1, 1913. 10,206.


GRACE DEVELOPMENT
SWITCHYARD CONSTRUCTION
NOV. 26, 1913
9231


GRACE DEVELOPMENT
PENSTOCK LEADING FROM SURGE TANK
NOV. 26, 1913
9232


GRACE DEVELOPMENT
COVERING BEING BUILT OVER OLD PIPE
AT CROSSING
NOV. 26, 1913
9233

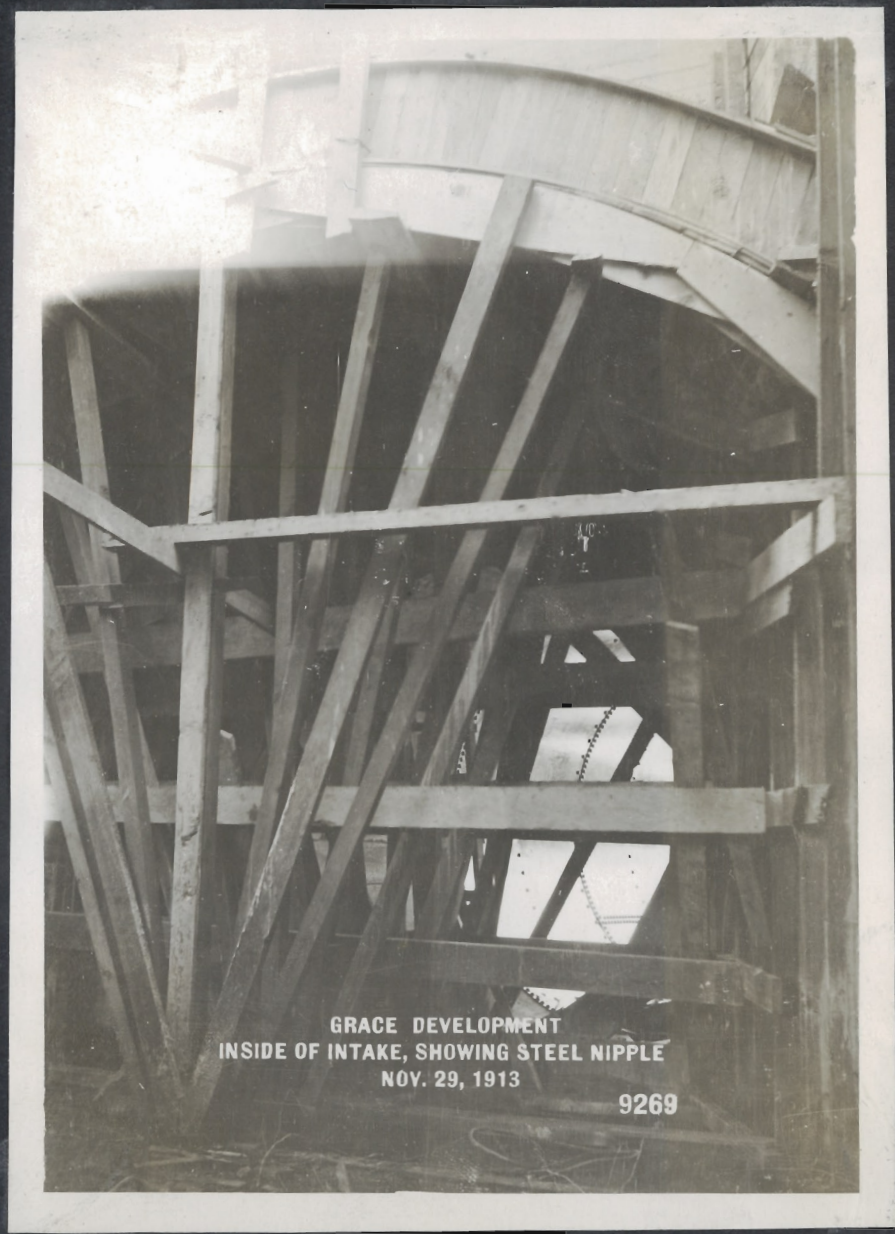

GRACE DEVELOPMENT
FRONT ELEVATION INTAKE STRUCTURE
COMPLETED
NOV. 26, 1913
9234


GRACE DEVELOPMENT
REAR ELEVATION INTAKE STRUCTURE
COMPLETED
NOV. 26, 1913
9235


GRACE DEVELOPMENT
TAINTER GATE ASSEMBLED
NOV. 26, 1913
9236



GRACE DEVELOPMENT
INSIDE OF GENERATING STATION,
FROM KINNEAR DOOR
NOV. 29, 1913
9268



GRACE DEVELOPMENT
INSIDE OF INTAKE, SHOWING STEEL NIPPLE
NOV. 29, 1913
9269


GRACE DEVELOPMENT
BULKHEAD DEFLECTING OLD TAILRACE
INTO NEW CHANNEL
NOV. 29, 1913
9266


GRACE DEVELOPMENT
INSIDE OF GENERATING STATION,
LOOKING S. E.
NOV. 29, 1913
9267

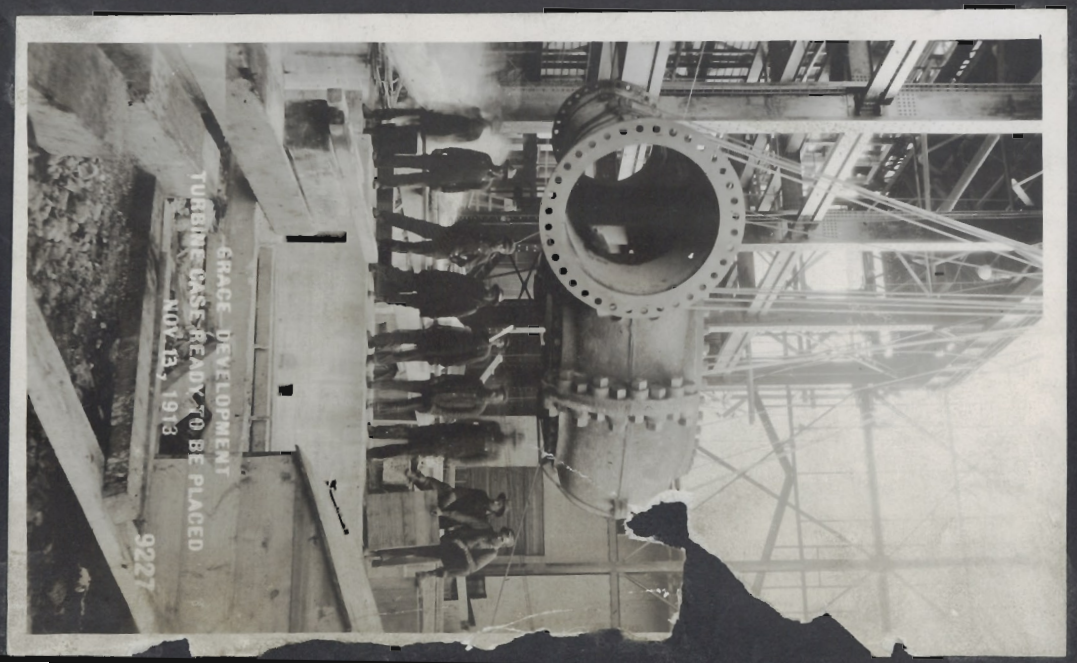

GRACE DEVELOPMENT
TAILRACE EXCAVATION
NOV. 26, 1913
9237

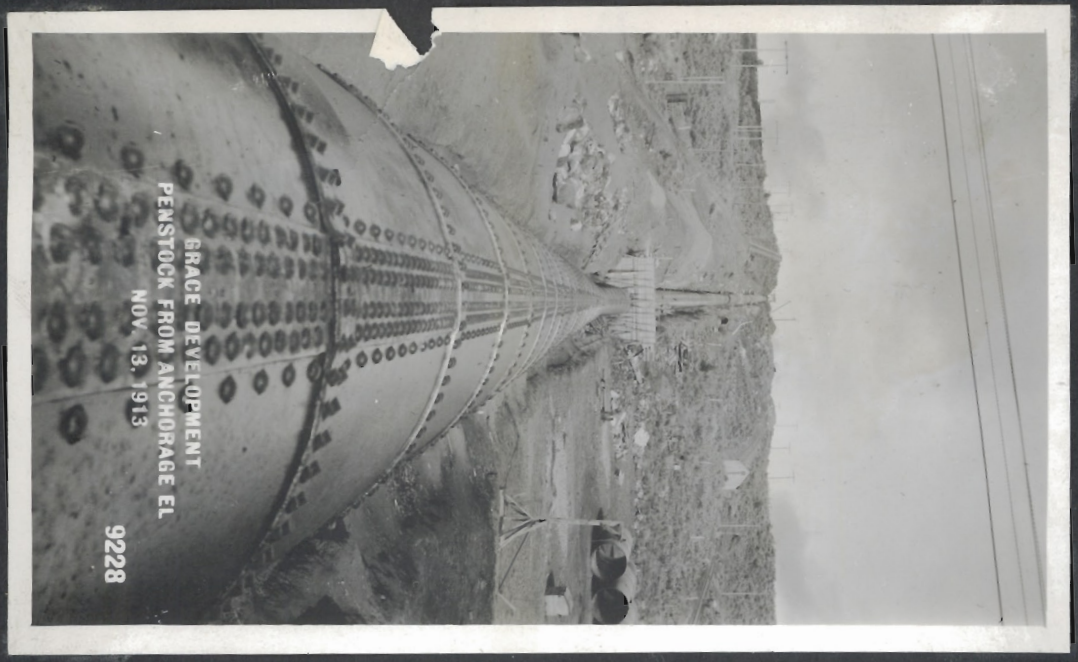

GRACE DEVELOPMENT
STATION FROM TOP OF TOWER NO. 107
NOV. 29, 1913
9283

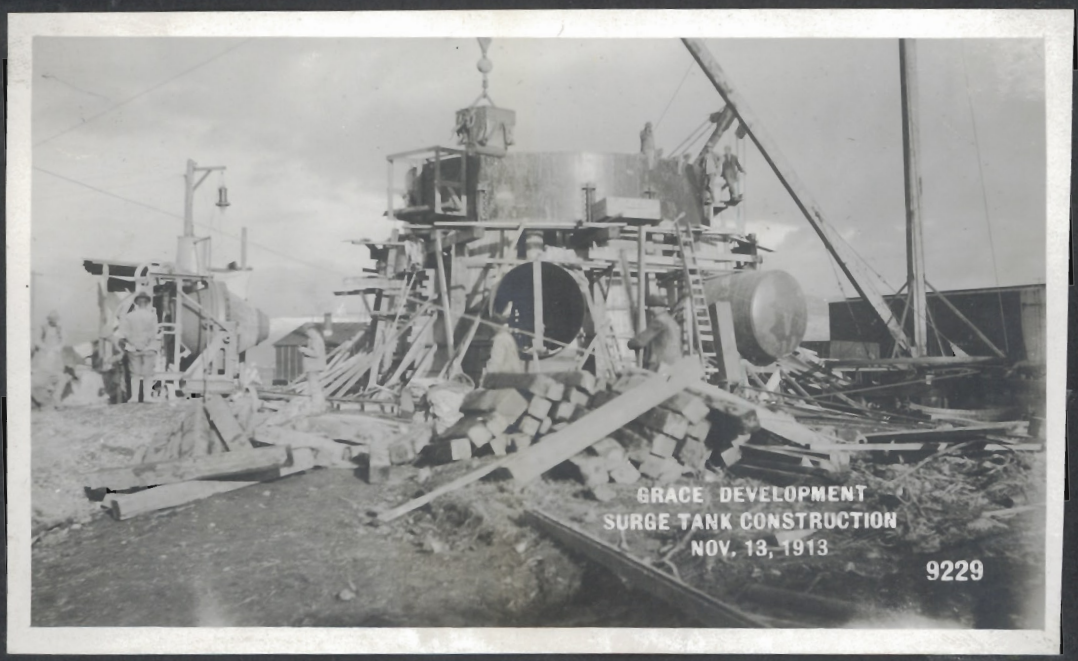

GRACE DEVELOPMENT
PIPE LINE FROM W. SIDE OF INTAKE
NOV. 29. 1913
9264

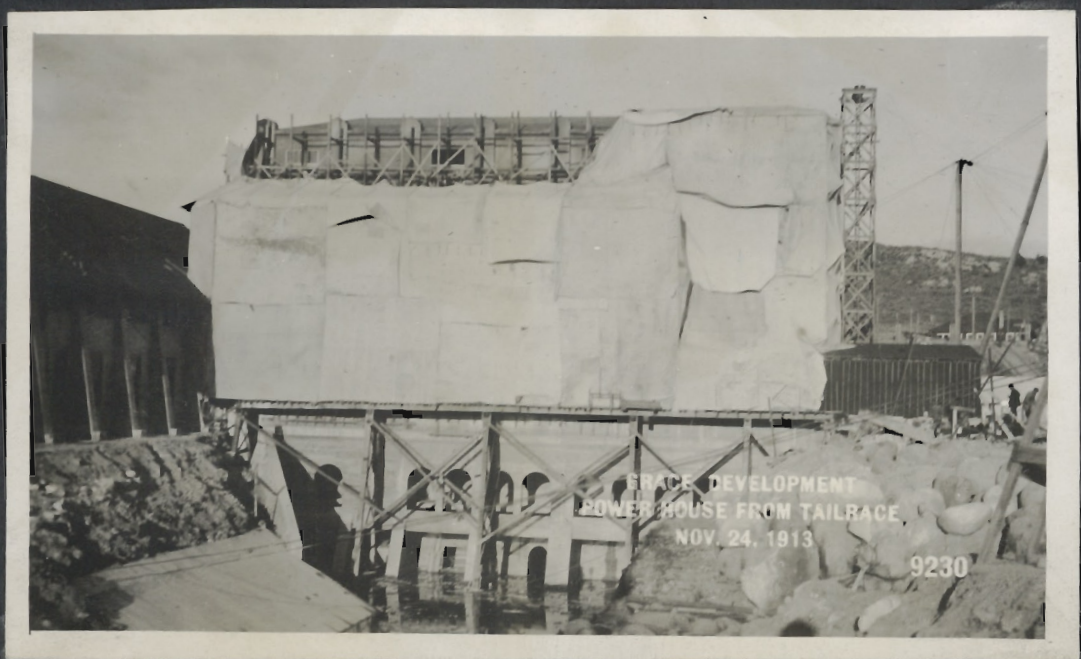

GRACE DEVELOPMENT
STATION AND TAILRACE FROM RIVER BANK
NOV. 29, 1913.
9265


GRACE DEVELOPMENT
POWER HOUSE, SHOWING OUTSIDE FINISH
NOV. 29, 1913
9191


GRACE DEVELOPMENT
TURBINE CASE READY TO BE PLACED
NOV. 3, 1913
9227


GRACE DEVELOPMENT
PENSTOCK FROM ANCHORAGE EL
NOV. 13, 1913
9228


GRACE DEVELOPMENT
SURGE TANK CONSTRUCTION
NOV. 13, 1913
9229

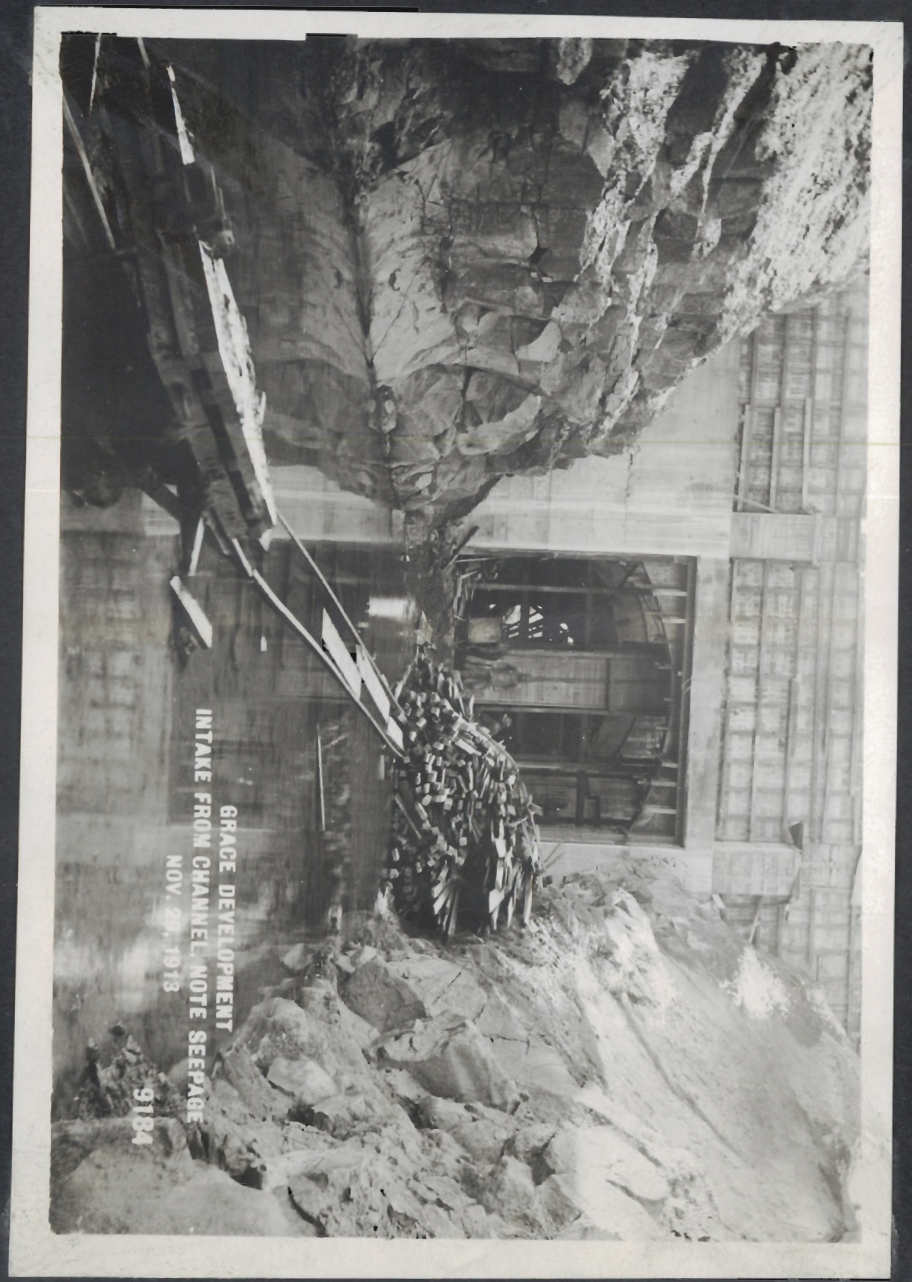

GRACE DEVELOPMENT
POWER HOUSE FROM TAILRACE
NOV. 24, 1913
9230

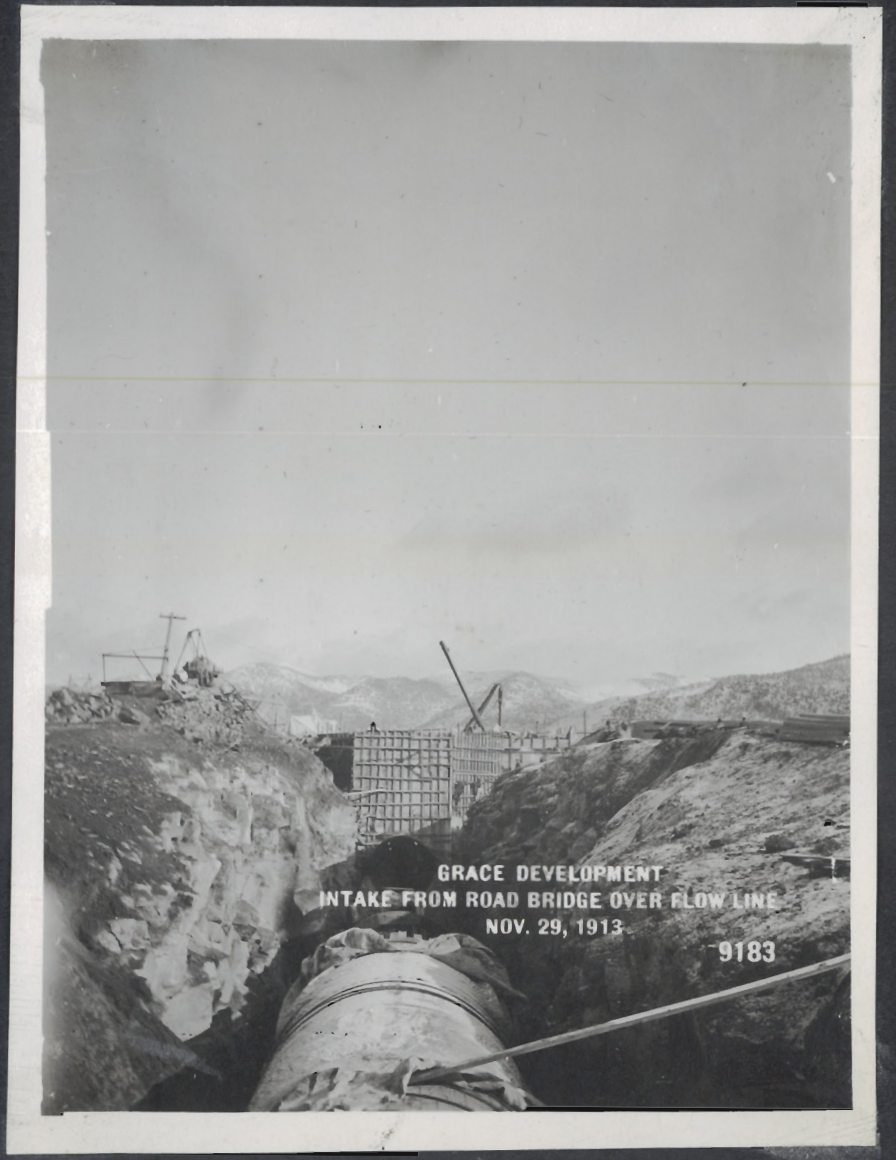

GRACE DEVELOPMENT
PANORAMA FROM ANCHOR TOWER NO. 1075
NOV. 29, 1913
9189


GRACE DEVELOPMENT
LOOKING S. W. FROM ABOVE DAM
NOV. 29, 1913
9190


GRACE DEVELOPMENT
REPAIRED DAM & NEW FOOT BRIDGE
NOV. 29, 1913
9187

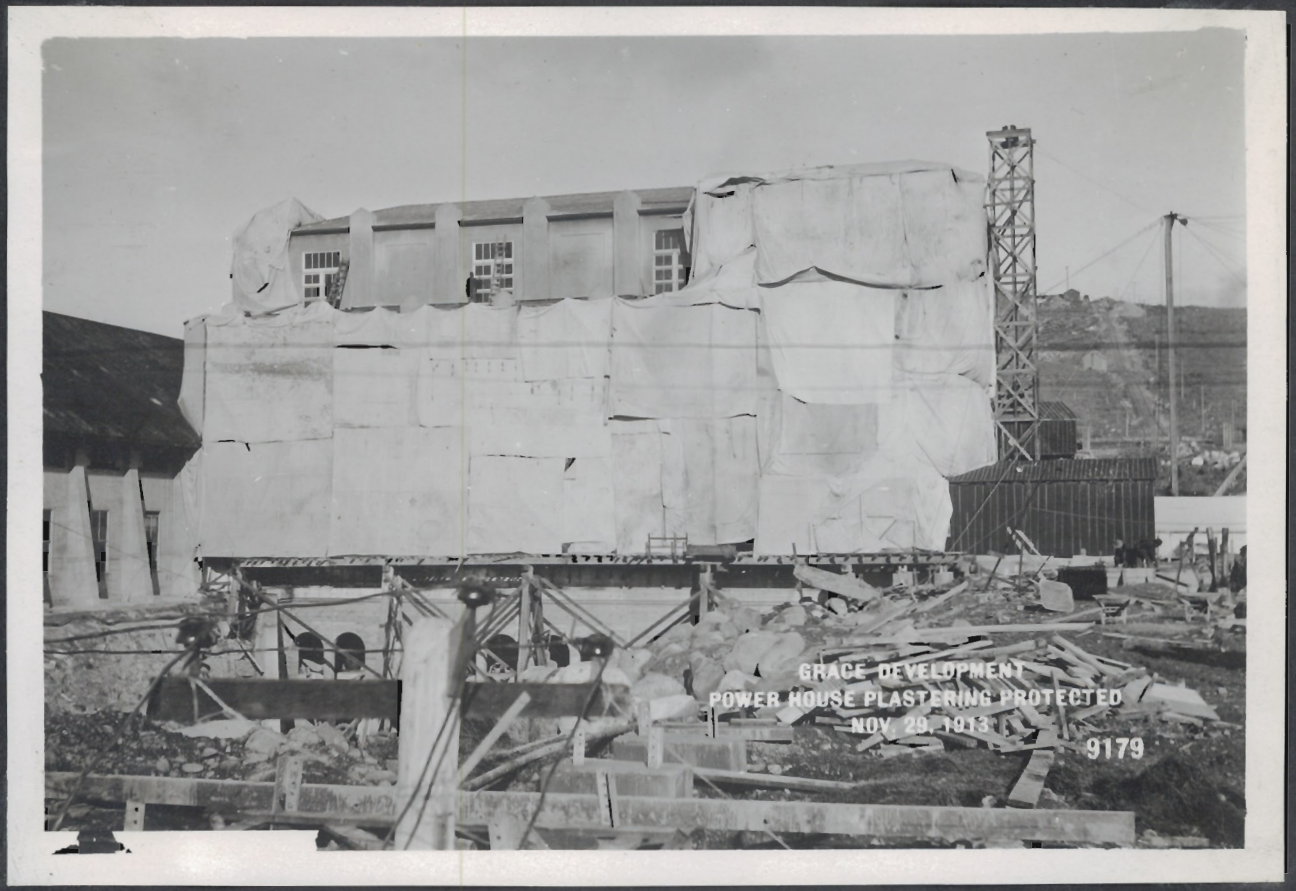

GRACE DEVELOPMENT
COMPLETED CONCRETE BRIDGE, PIPE LAID
NOV. 29, 1913.
9188


GRACE DEVELOPMENT
INTAKE FROM CHANNEL. NOTE SEEPAGE
NOV. 29, 1913
9184


GRACE DEVELOPMENT
INTAKE FROM ROAD BRIDGE OVER FLOW LINE
NOV. 29, 1913
9183

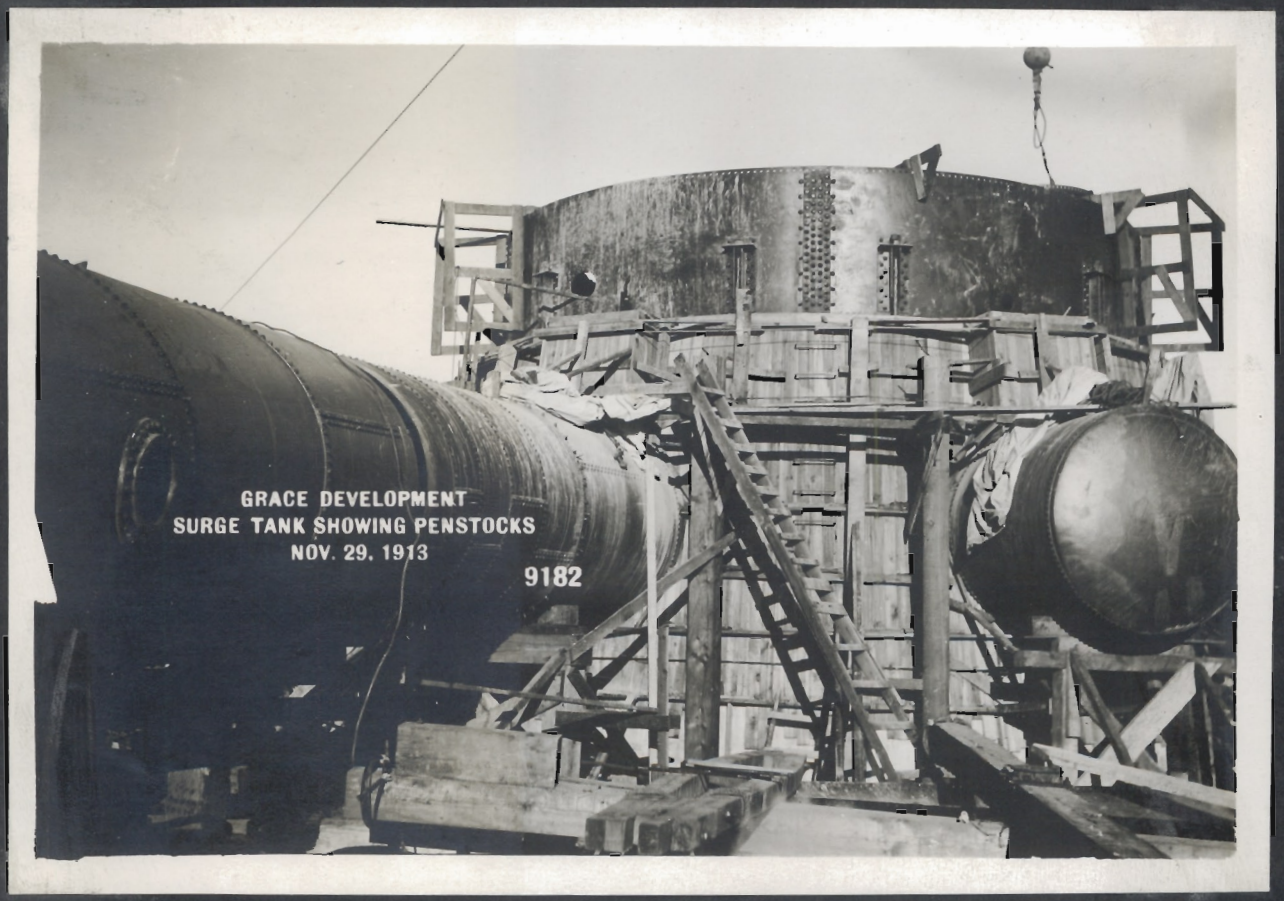

GRACE DEVELOPMENT
CONCRETE BRIDGE, PIPE LAID
NOV. 29, 1913
9185


GRACE DEVELOPMENT
PIPE LINE, VERTICAL CURVE AND HOUSING
OVER OLD PIPE
NOV. 29, 1913
9186

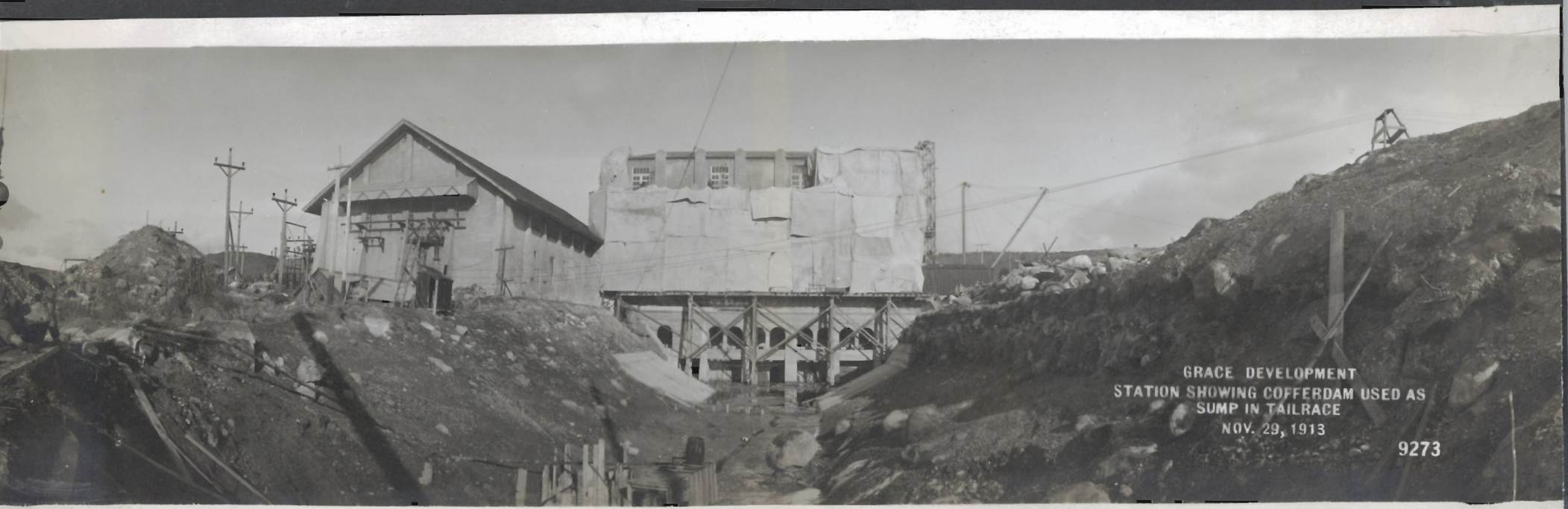

GRACE DEVELOPMENT
POWER HOUSE PLASTERING PROTECTED
NOV. 29, 1913
9179

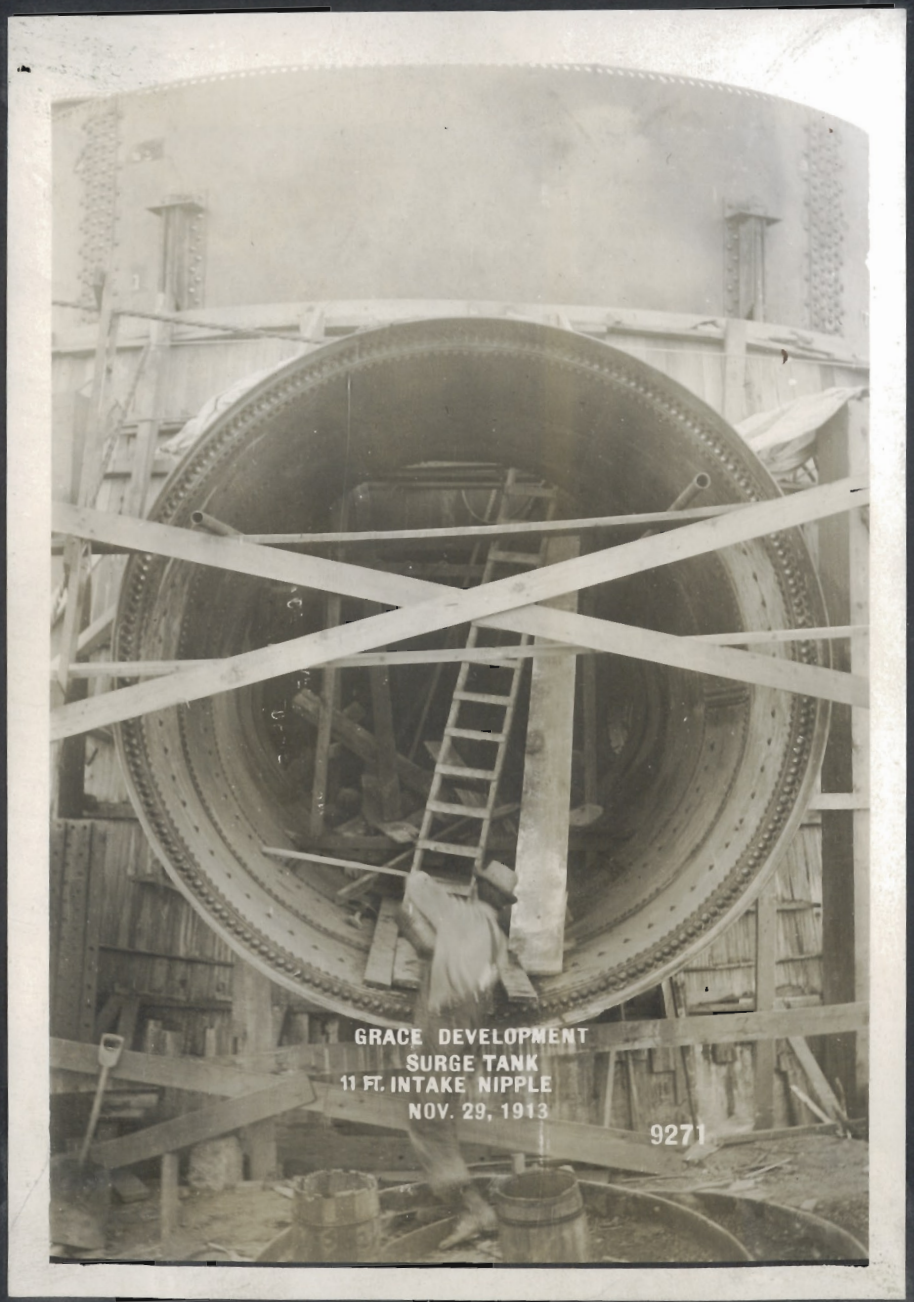

GRACE DEVELOPMENT
44 K.V. LIFTON LINE TRANSFORMERS
OLD & NEW PENSTOCKS
NOV. 29, 1913
9180


GRACE DEVELOPMENT
PENSTOCK SEC. 64. SHOWING SLIPJOINT,
MANHOLE & ANCHORAGE "D"
NOV. 29. 1913
9181


GRACE DEVELOPMENT
SURGE TANK SHOWING PENSTOCKS
NOV. 29. 1913
9182


GRACE DEVELOPMENT
NEW TAILRACE WALL & PAVING
Nov. 29, 1913.
9272

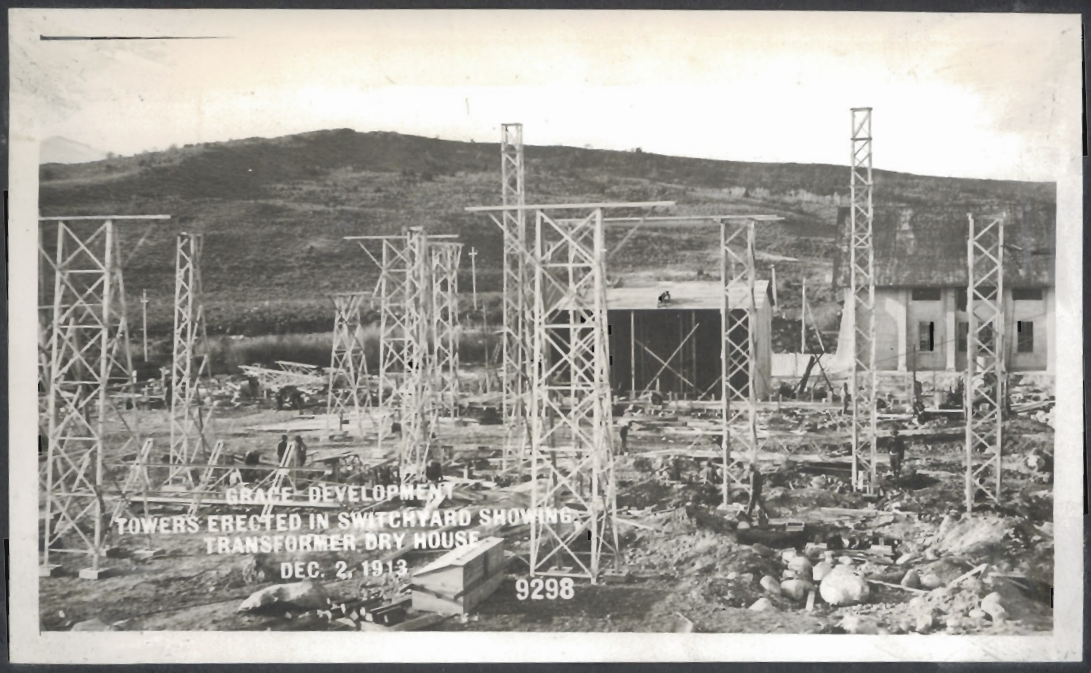

GRACE DEVELOPMENT
STATION SHOWING COFFERDAM USED AS
SUMP IN TAILRACE
NOV. 29, 1913
9273


GRACE DEVELOPMENT
SURGE TANK
11 FT. INTAKE NIPPLE
NOV. 29, 1913
9271


GRACE DEVELOPMENT
PENSTOCK FROM SECTION 104
NOV. 29, 1913
9270


GRACE DEVELOPMENT
COMPLETED CONCRETE BRIDGE & PIPE
FROM N. END OF HIGHWAY BRIDGE
NOV. 29, 1913
9274


GRACE DEVELOPMENT
WYE CASTING FOR PENSTOCK BEING LOWERED
ON INCLINE RY.
NOV. 29, 1913
9297


GRACE DEVELOPMENT
TOWERS ERECTED IN SWITCHYARD SHOWING
TRANSFORMER DRY HOUSE
DEC. 2, 1913
9298


GRACE DEVELOPMENT
TAILRACE AS IT HAS BEEN DIVERTED FOR
PURPOSES OF EXCAVATION
DEC. 2, 1913
9299

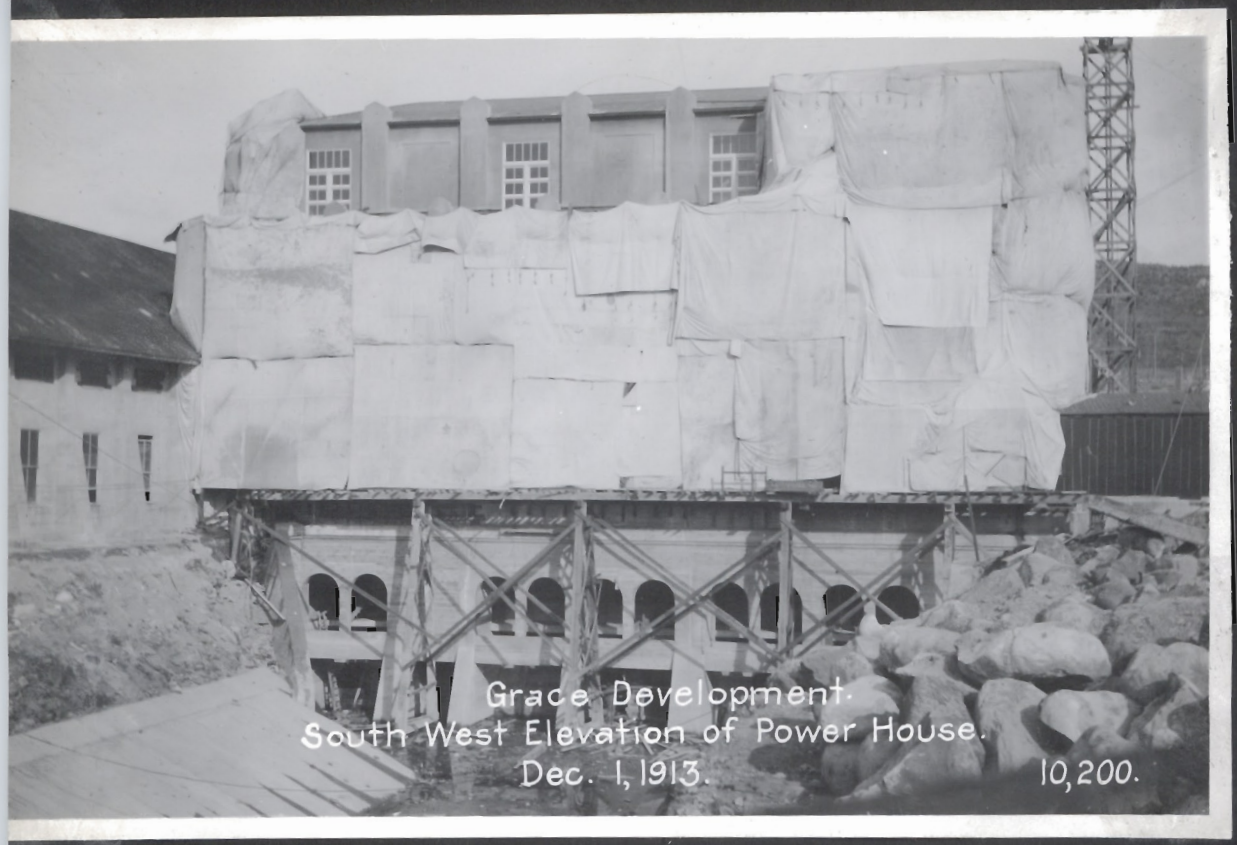

GRACE DEVELOPMENT
TRANSFORMERS AT SWITCHYARD
DEC. 2, 1913
9300



Grace Development.
Protective Covering for old
pipe line at crossing view South.
Dec. 1, 1913.
10205.



Grace Development.
Penstock.
Dec. 1, 1913.
10203.



Grace Development.
South West Elevation of Power House.
Dec. 1, 1913. 10,200.



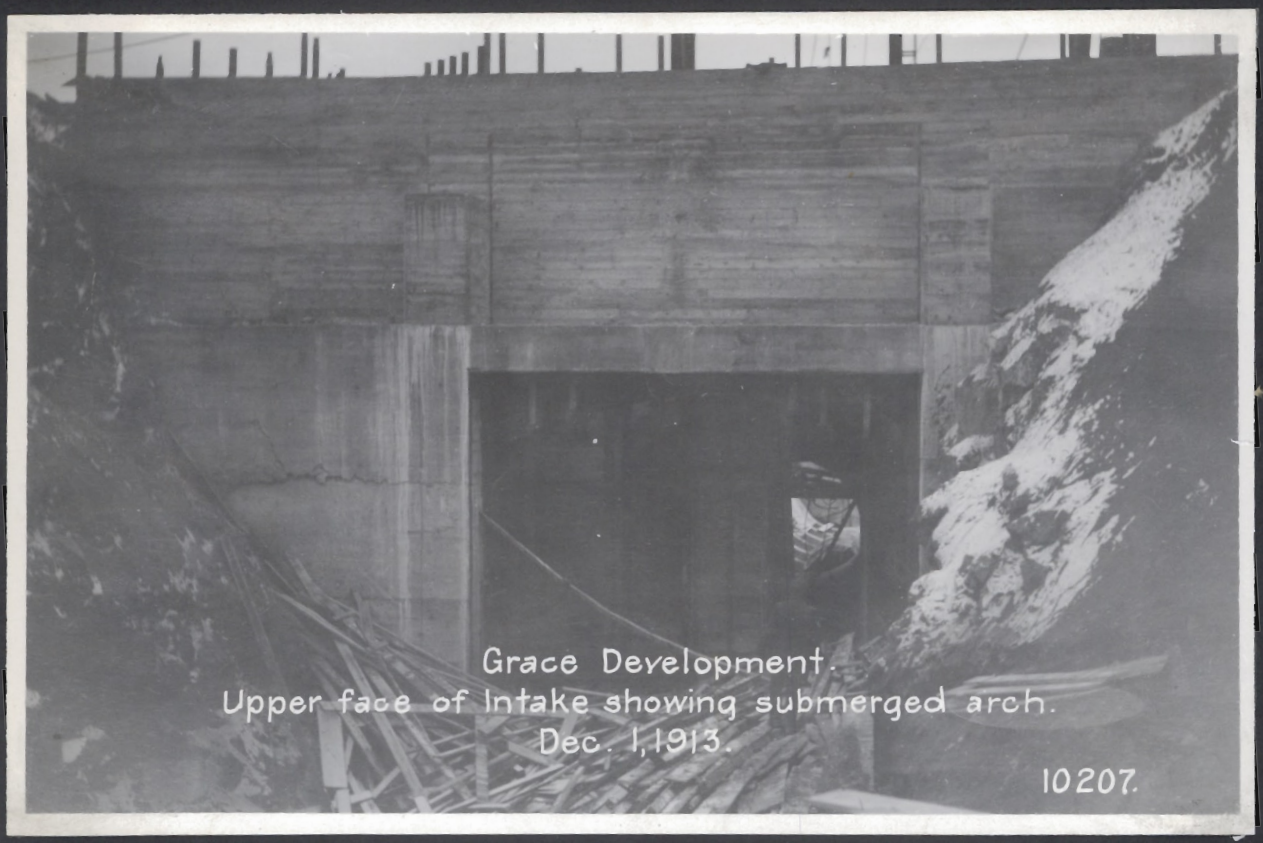
Grace Development.
Generating Station, view Northeast.
Jan. 2, 1914. 8308.



Grace Development.
Concrete Bridge for Pipe Line.
Dec. 1, 1913. 10210.

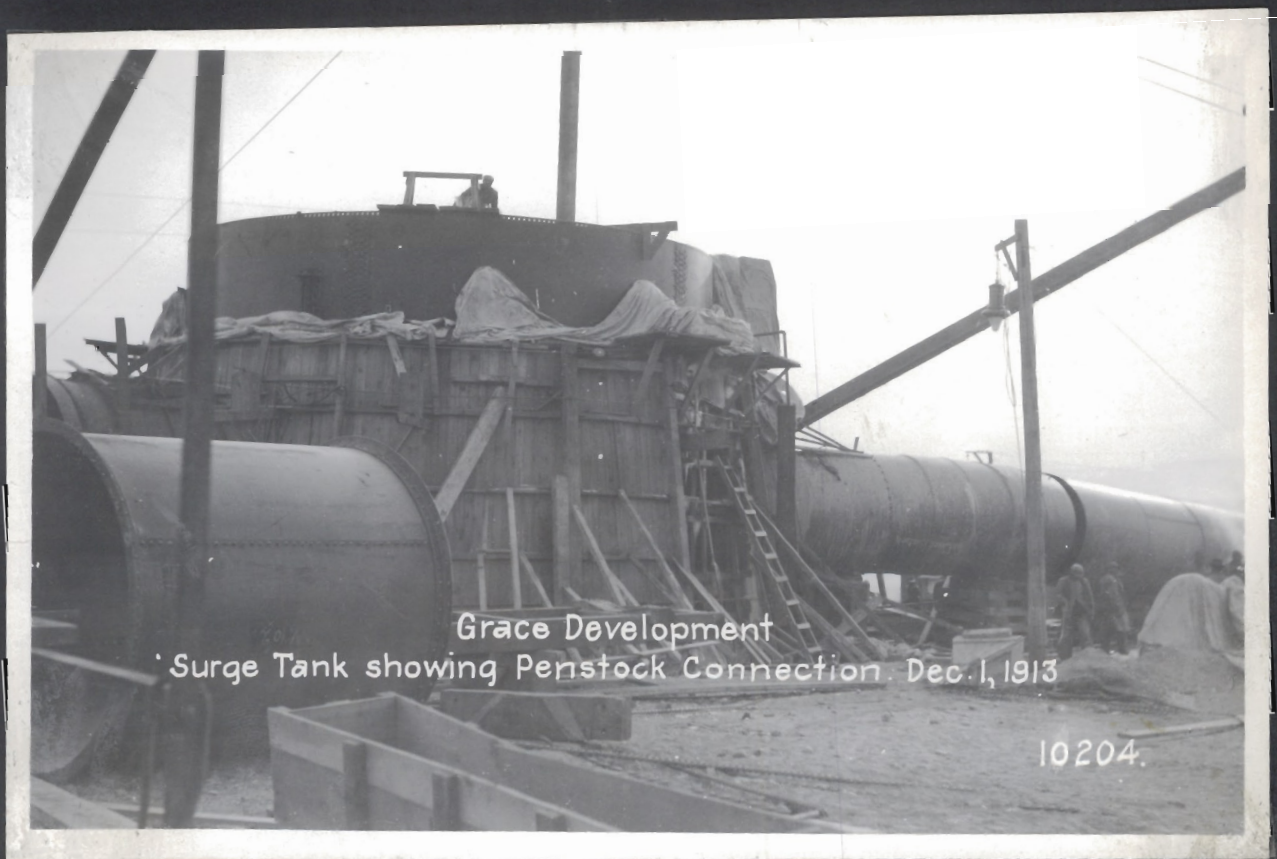


Grace Development.
Steel work above Intake.
Dec. 1, 1913.
10209.



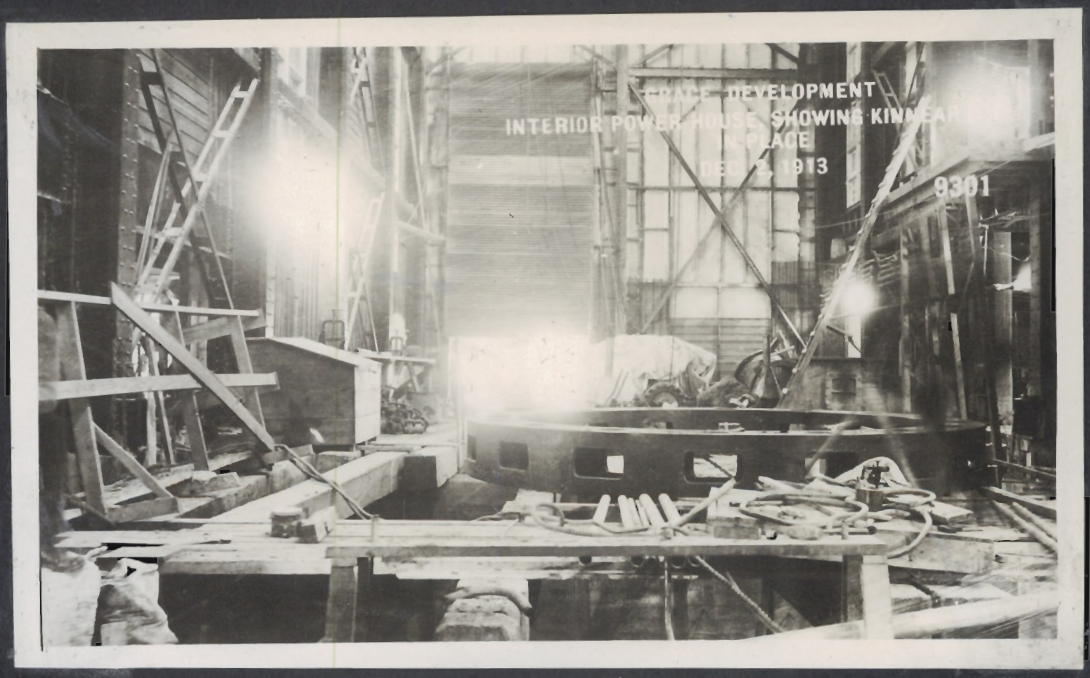
Grace Development.
Upper face of Intake showing submerged arch.
Dec. 1, 1913.

10207.

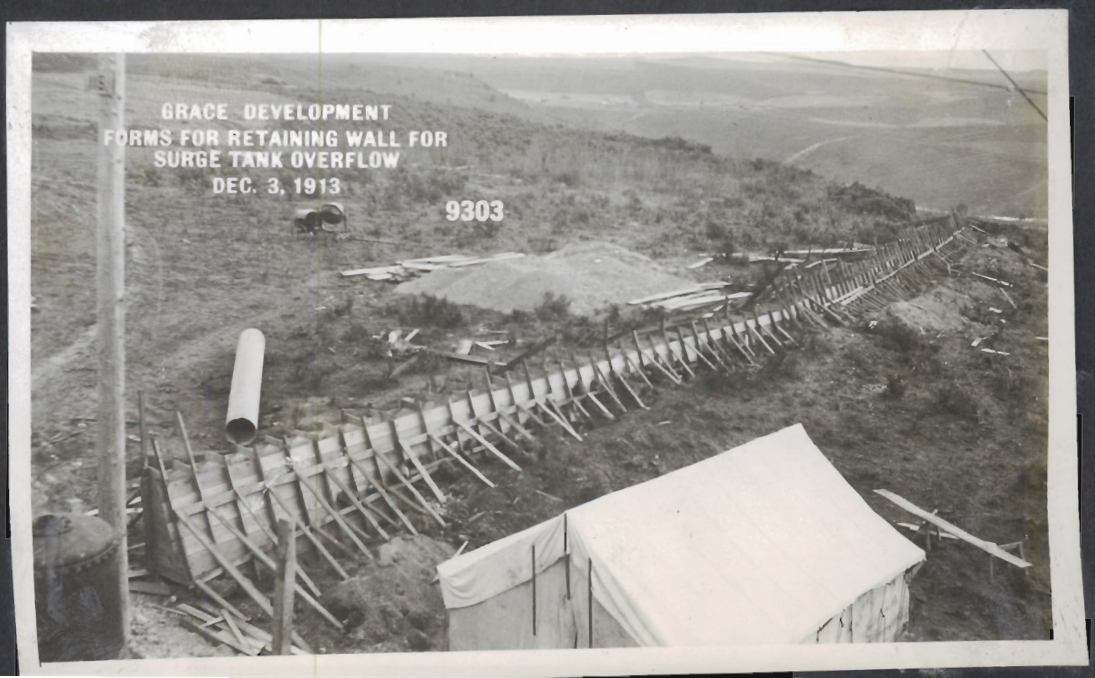


Grace Development
Surge Tank showing Penstock Connection. Dec. 1, 1913

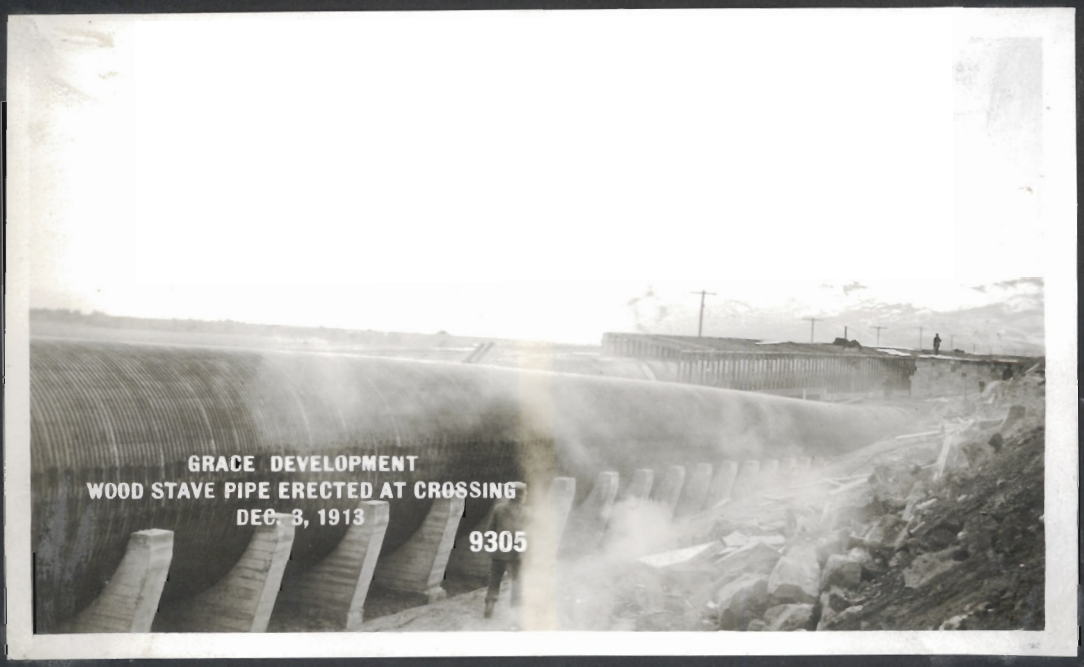
10204.


GRACE DEVELOPMENT
INTERIOR POWER HOUSE, SHOWING KINNEAR
PLACE
DEC. 3, 1913
9301


GRACE DEVELOPMENT
SURGE TANK CONSTRUCTION
DEC. 3, 1913
9302

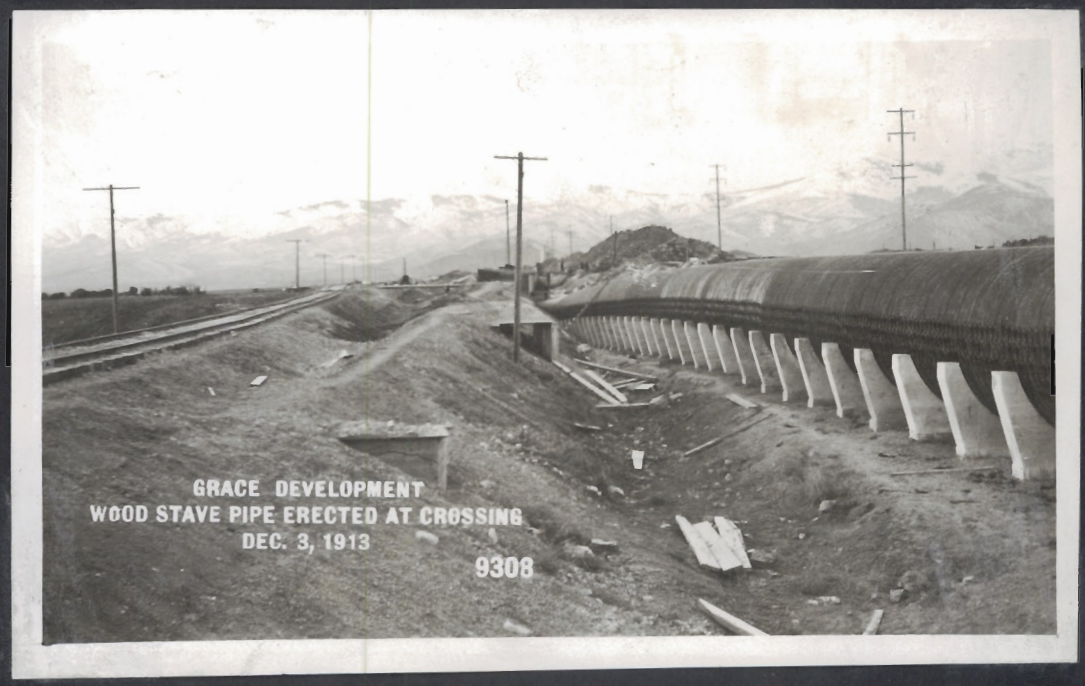

GRACE DEVELOPMENT
FORMS FOR RETAINING WALL FOR
SURGE TANK OVERFLOW
DEC. 3, 1913
9303


GRACE DEVELOPMENT
ERECTING COVER OVER OLD PIPE
DEC. 3, 1913
9304


GRACE DEVELOPMENT
WOOD STAVE PIPE ERECTED AT CROSSING
DEC. 3, 1913
9305

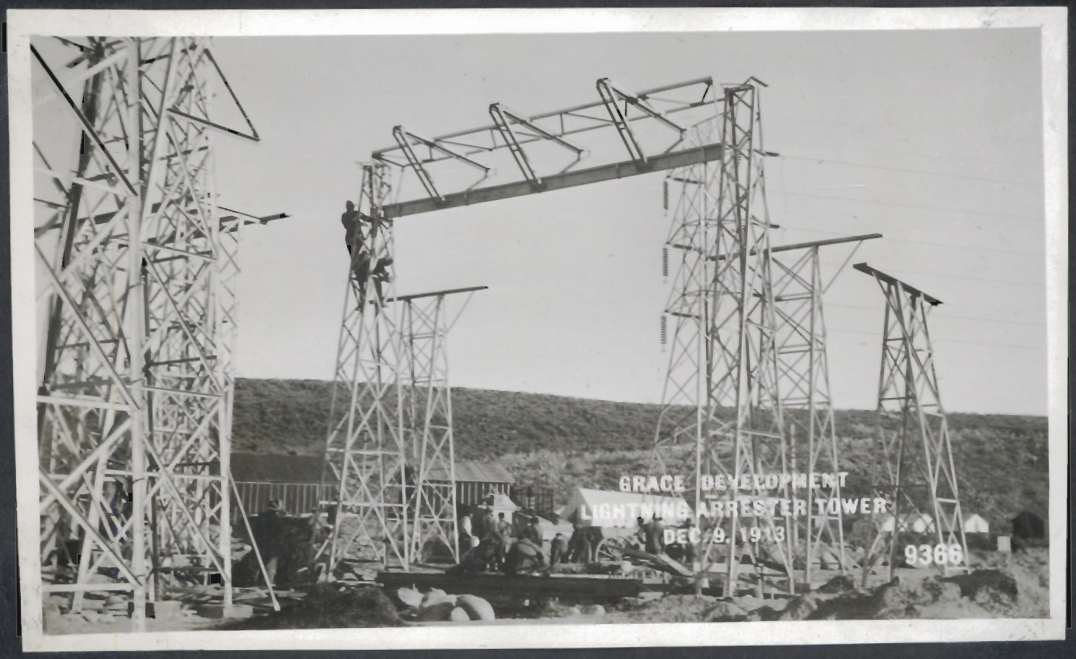

GRACE DEVELOPMENT
STEEL ERECTED AT INTAKE
DEC. 3, 1913
9306


GRACE DEVELOPMENT
DRY WALL ON EAST SIDE INTAKE STRUCTURE
DEC. 3, 1913
9307


GRACE DEVELOPMENT
WOOD STAVE PIPE ERECTED AT CROSSING
DEC. 3, 1913
9308


GRACE DEVELOPMENT
SWITCHYARD CONSTRUCTION
DEC. 9, 1913
9364


GRACE DEVELOPMENT
TAILRACE EXCAVATION
DEC. 9, 1913
9365


GRACE DEVELOPMENT
LIGHTNING ARRESTER TOWER
DEC. 9, 1913
9366


GRACE DEVELOPMENT
PITOT TUBE CHAMBER
DEC. 9, 1913
9367

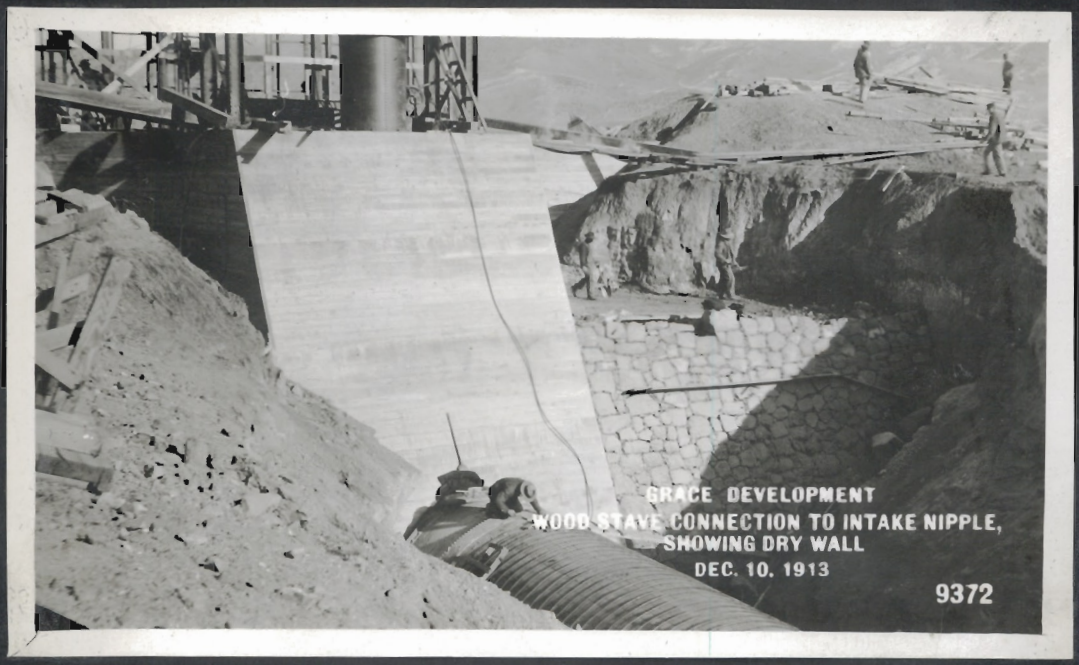
GRACE DEVELOPMENT
SURGE TANK CONSTRUCTION
DEC. 10, 1913
9368

GRACE DEVELOPMENT
METAL FLUME FOR IRRIGATION DITCH AT STA. 184
DEC. 10, 1913
9369

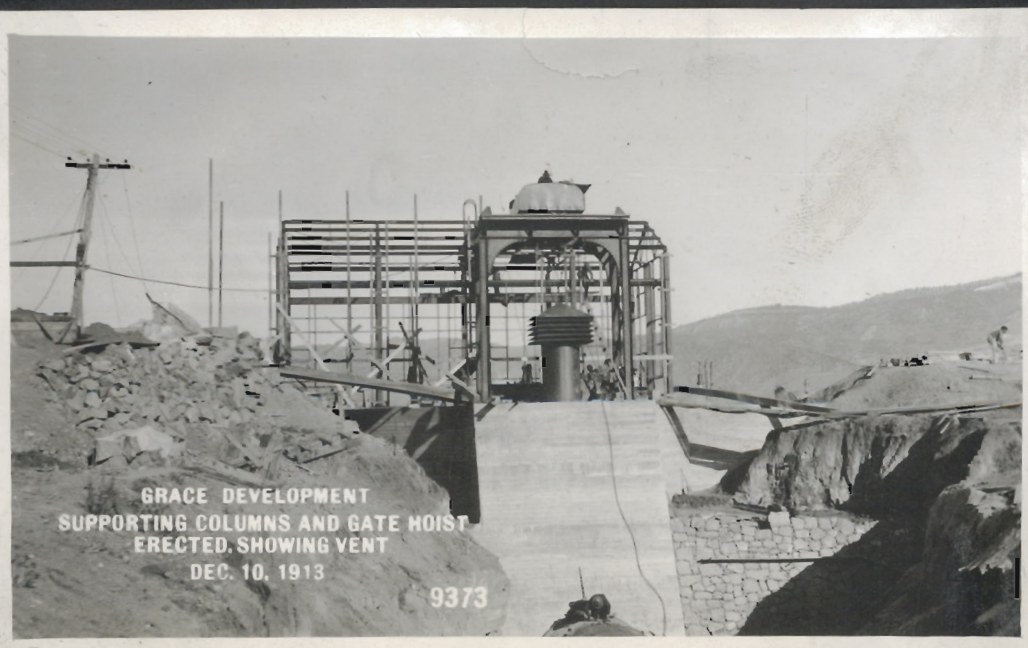
GRACE DEVELOPMENT
CONNECTING SECTIONS OF WOOD STAVE PIPE
AT STA. 136
DEC. 10. 1913
9370



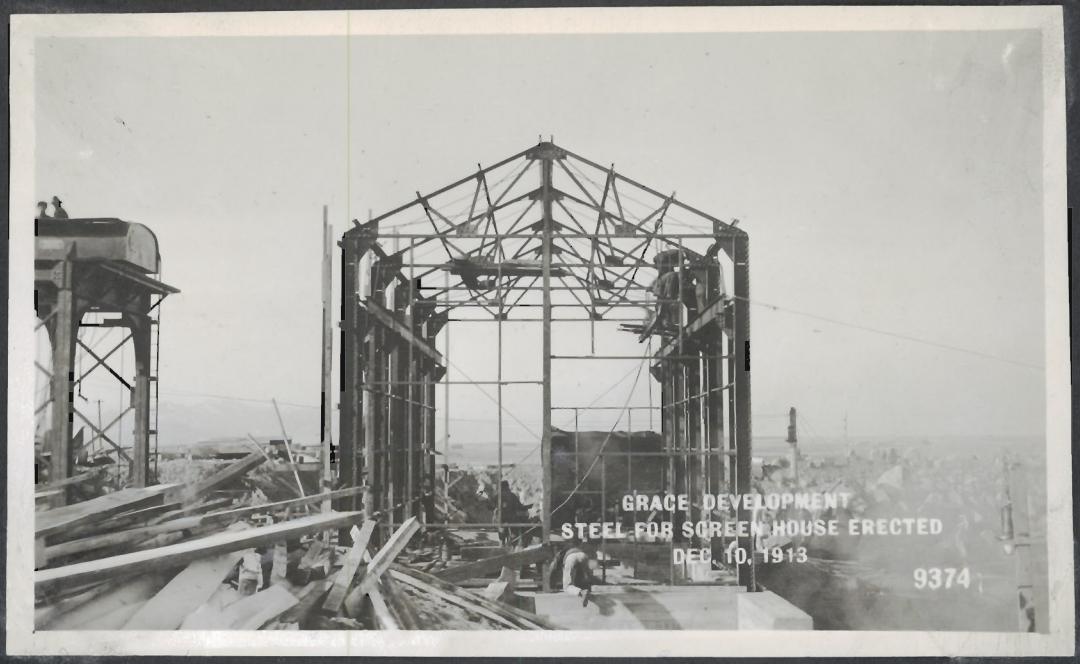
GRACE DEVELOPMENT
CONCRETE BRIDGE SHOWING ARCH CENTERING
BEING REMOVED
DEC. 10, 1913
9371



GRACE DEVELOPMENT
WOOD STAVE CONNECTION TO INTAKE NIPPLE,
SHOWING DRY WALL
DEC. 10, 1913
9372

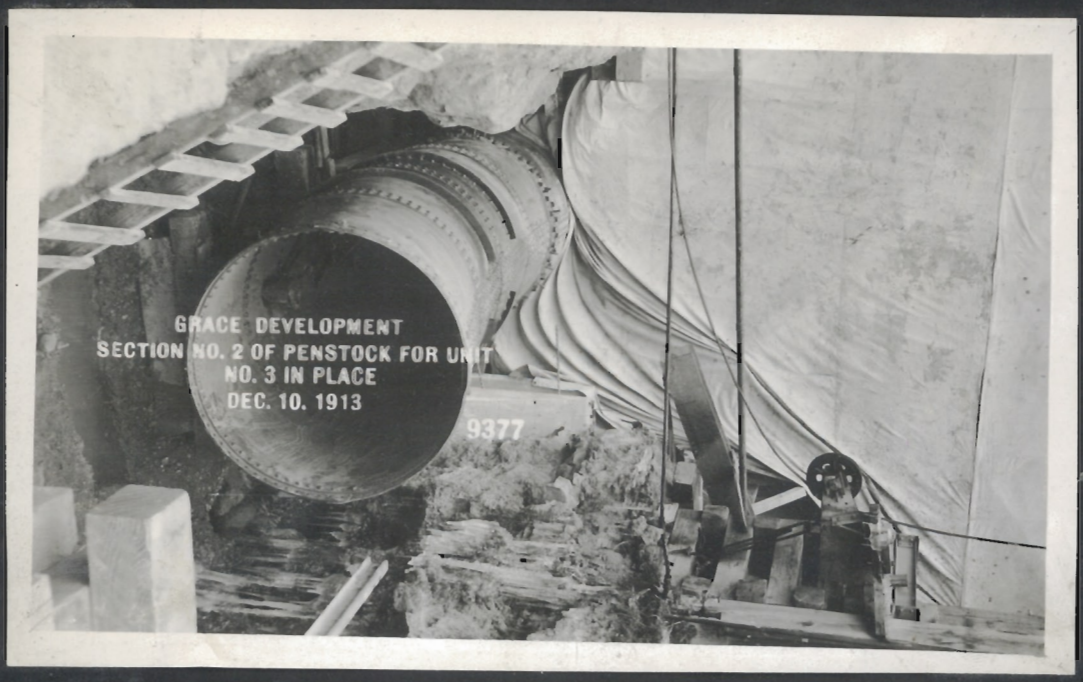


GRACE DEVELOPMENT
SUPPORTING COLUMNS AND GATE HOIST
ERECTED, SHOWING VENT
DEC. 10, 1913
9373

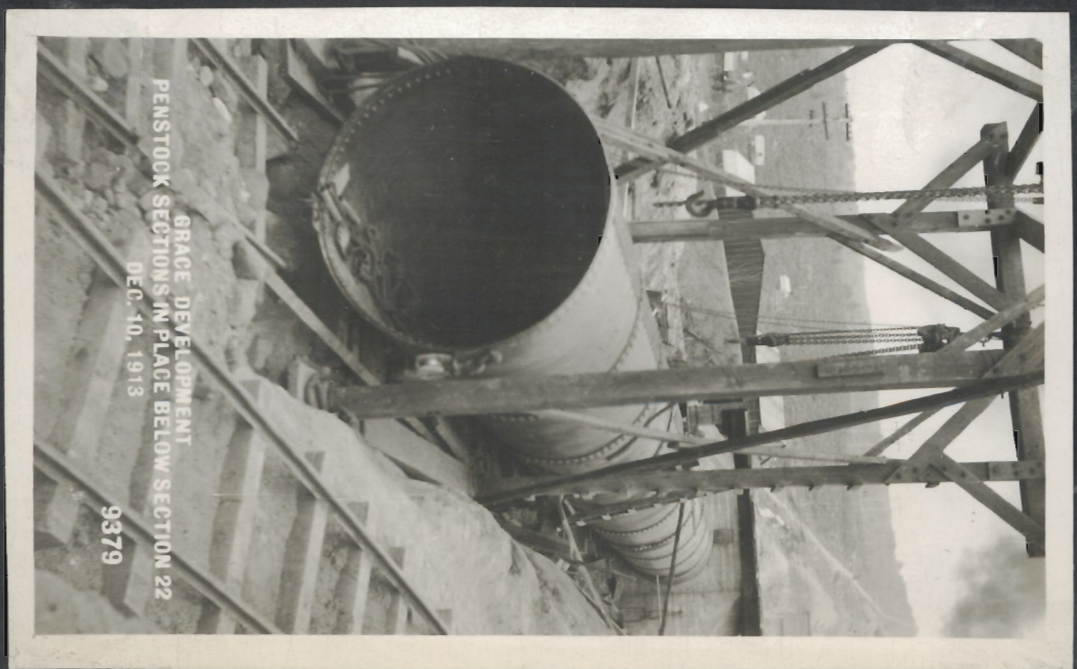

GRACE DEVELOPMENT
STEEL FOR SCREEN HOUSE ERECTED
DEC. 10, 1913
9374


GRACE DEVELOPMENT
DITCH EXCAVATION ON EAST SIDE PIPE LINE
DEC. 10, 1913
9375


GRACE DEVELOPMENT
SWITCHBOARD PARTIALLY ASSEMBLED
DEC. 10, 1913
9376


GRACE DEVELOPMENT
SECTION NO. 2 OF PENSTOCK FOR UNIT
NO. 3 IN PLACE
DEC. 10. 1913
9377


GRACE DEVELOPMENT
REMOVING ARCH CENTERING AT CONCRETE BRIDGE
DEC. 10, 1913
9378


GRACE DEVELOPMENT
PENSTOCK SECTIONS IN PLACE BELOW SECTION 22
DEC. 10, 1913
9379

GRACE DEVELOPMENT
LOOKING UP PIPE LINE FROM NEW SURGE TANK
DEC. 12, 1913
9403

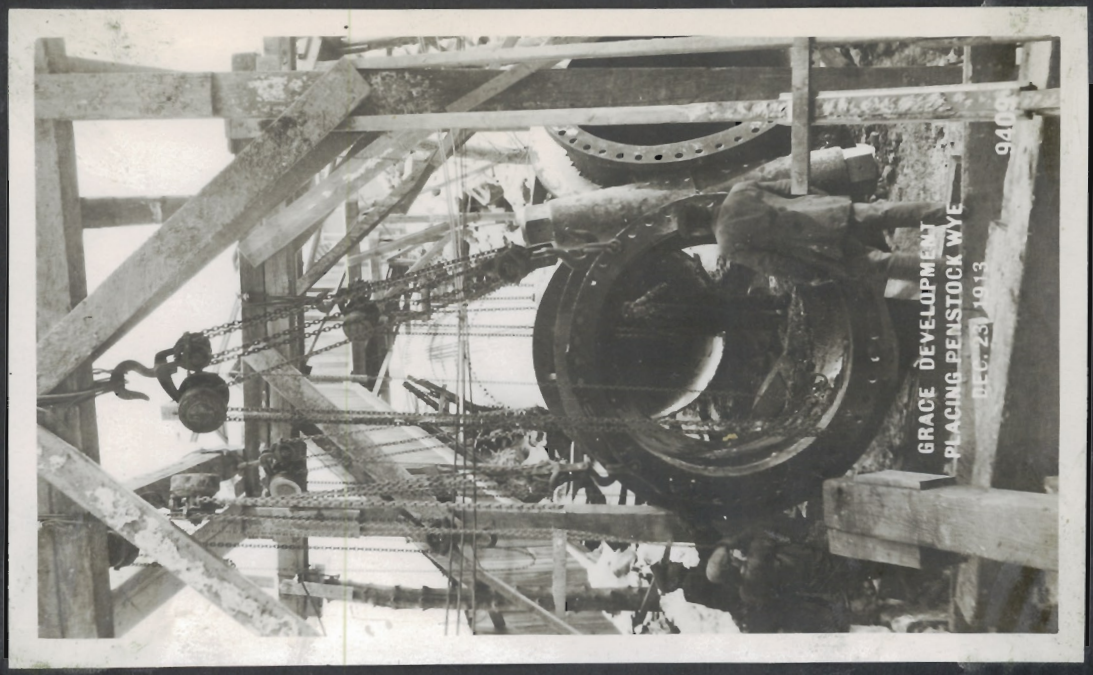
GRACE DEVELOPMENT
LOOKING DOWN PENSTOCK FROM NEW SURGE TANK
DEC. 12, 1913
9404

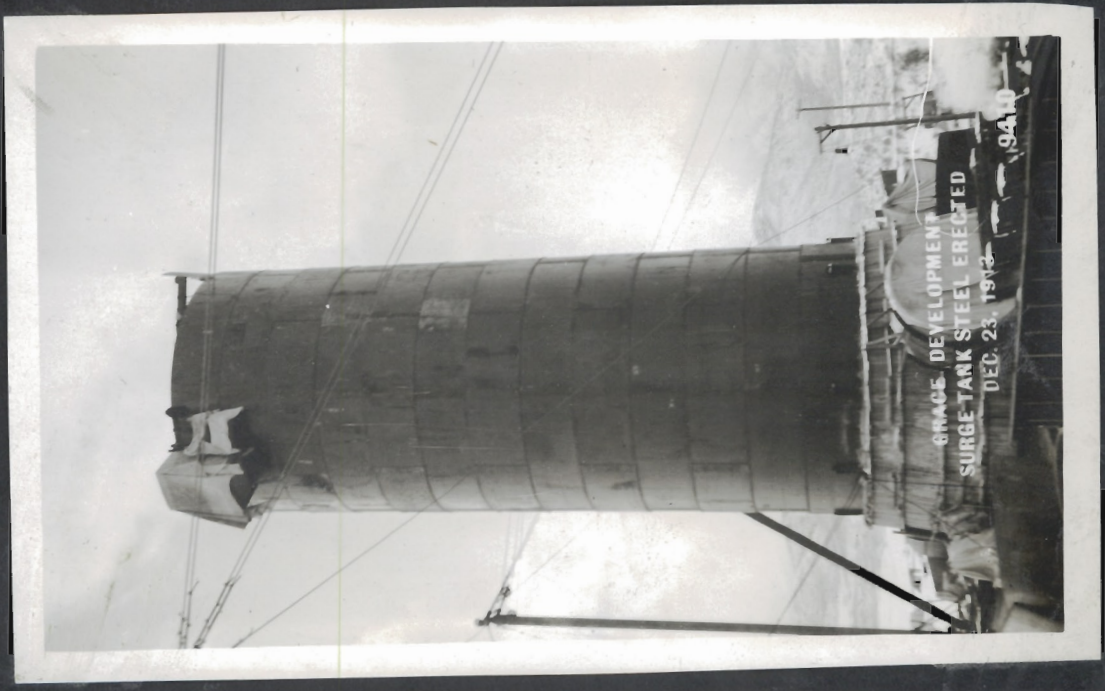
GRACE DEVELOPMENT
SWITCHYARD TOWERS 100% ERECTED
DEC. 23, 1913
9405


GRACE DEVELOPMENT
OIL HOUSE EXCAVATION, SHOWING SIZE
OF BOULDERS UNEARTHED
DEC. 23, 1913
9406


GRACE DEVELOPMENT
S.W. ELEVATION OF POWER HOUSE
DEC. 23. 1913
9407


GRACE DEVELOPMENT
TAILRACE EXCAVATION
DEC. 23, 1913
9408


GRACE DEVELOPMENT
PLACING PENSTOCK WYE
DEC. 23, 1913
9410


GRACE DEVELOPMENT
SURGE TANK STEEL ERECTED
DEC. 23, 1913
9411


GRACE DEVELOPMENT
ONLY REMAINING GAP IN WOOD STAVE PIPE
DEC. 23, 1918
9411


GRACE DEVELOPMENT
CONCRETE BRIDGE. ALL ARCH CENTERING
REMOVED
DEC. 23 - 1913
9412


GRACE - DEVELOPMENT
PLACING NEEDLE BEAMS AT INTAKE
DEC. 23, 1913
9413


GRACE - DEVELOPMENT
EXCAVATING INTAKE CHANNEL WITH ORANGE
PEEL BUCKET
DEC. 23, 1913
9414