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HISTORIC AMERICAN ENGINEERING RECORD

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Milner Dam and Main Canal of the
Twin Falls Canal Company
Snake River
Twin Falls Vicinity
Jerome and Twin Falls Counties
Idaho

HAER No. ID-15

Brent Smith, Photographer, May, 1989 (ID-15-1 through ID-15-35)
William H. Eaton, Photographer, March-April, 1985 (ID-15-88
through ID-15-149)

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- ID-15-37 Photocopy of Photograph(original located in Univ. of Denver collection). C.R. Savage, Photographer, March, 1905. NORTH AND MIDDLE DAMS, MILNER DAM, MAIN CHANNEL DAM, FOREGROUND; MIDDLE DAM AND TUNNEL REGULATORS, BACKGROUND.
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C.R. Savage, Photographer, March, 1905.
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C.R. Savage, Photographer, March, 1905.
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C.R. Savage, Photographer, March, 1905.
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C.R. Savage, Photographer, date unknown.
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- ID-15-131 FORKS DIVERSION, HIGH LINE AND LOW LINE CANALS,
TWIN FALLS COUNTY, SOUTH OF HANSEN, IDAHO; INLET
SIDE OF LOW LINE CANAL, WEST VIEW.
- ID-15-132 FORKS DIVERSION, HIGH LINE AND LOW LINE CANALS,
TWIN FALLS COUNTY, SOUTH OF HANSEN, IDAHO; POWER
GATES FOR HYDRO-ELECTRIC.
- ID-15-133 FORKS DIVERSION, HIGH LINE AND LOW LINE CANALS,
TWIN FALLS COUNTY, SOUTH OF HANSEN, IDAHO; VIEW OF
OUTLET SIDE OF LOW LINE GATES.
- ID-15-134 FORKS DIVERSION, HIGH LINE AND LOW LINE CANALS,
TWIN FALLS COUNTY, SOUTH OF HANSEN, IDAHO; VIEW OF
LOW LINE AND POWER GATES, WEST VIEW.
- ID-15-135 MILNER DAM, MILNER BRIDGE, TWIN FALLS COUNTY,
MILNER, IDAHO; VIEW TO SOUTHEAST.
- ID-15-136 FORKS DIVERSION, HIGH LINE AND LOW LINE CANALS,
TWIN FALLS COUNTY, SOUTH OF HANSEN, IDAHO; HIGH
LINE GATES FROM THE CANAL SIDE.
- ID-15-137 TWIN FALLS SOUTH SIDE MAIN CANAL DIVERSION
HEADGATES, TWIN FALLS COUNTY, MILNER, IDAHO;
OVERALL VIEW OF MAIN HEADGATES, DAM IN BACKGROUND.
- ID-15-138 MILNER DAM, TWIN FALLS COUNTY, MILNER, IDAHO;
SPILLWAY GATES AND IRRIGATION FALLS, SOUTHEAST
VIEW.
- ID-15-139 MILNER DAM, TWIN FALLS COUNTY, MILNER, IDAHO;
OUTLET SIDE OF SPILLWAY, EAST VIEW.

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- ID-15-140 MILNER DAM, TWIN FALLS COUNTY, MILNER, IDAHO;
SPILLWAY OUTLET, SOUTH VIEW.
- ID-15-141 TWIN FALLS MAIN CANAL DIVERSION, TWIN FALLS
COUNTY, MILNER, IDAHO; CLOSE-UP OF MAIN HEADGATES,
RADIAL GATES INSIDE, SOUTHEAST VIEW.
- ID-15-142 MILNER DAM, TWIN FALLS COUNTY, MILNER, IDAHO;
SOUTH VIEW OF SPILLWAY, TUNNEL LOCATION UNDER THE
LEFT GATES AREA.
- ID-15-143 MILNER DAM, TWIN FALLS COUNTY, MILNER, IDAHO; VIEW
OF SPILLWAY INLET, NORTH VIEW.
- ID-15-144 MILNER DAM, TWIN FALLS COUNTY, MILNER, IDAHO; WEST
VIEW OF SPILLWAY INLET GATES.
- ID-15-145 MILNER DAM, TWIN FALLS COUNTY, MILNER, IDAHO;
SOUTH VIEW OF IRRIGATION FALLS.
- ID-15-146 MILNER DAM, TWIN FALLS COUNTY, MILNER, IDAHO; GATE
OPENING DEVICE; BRIDGE ACROSS SPILLWAY AND WEST
ARM OF DAM.
- ID-15-147 TWIN FALLS MAIN CANAL DIVERSION, TWIN FALLS
COUNTY, MILNER, IDAHO; VIEW OF MAIN HEADGATES,
EAST VIEW.
- ID-15-148 TWIN FALLS MAIN CANAL DIVERSION, TWIN FALLS
COUNTY, MILNER DAM; HEADGATES AT INLET, SOUTHWEST
VIEW.
- ID-15-149 TWIN FALLS MAIN CANAL DIVERSION, TWIN FALLS
COUNTY, MILNER DAM; CLOSE-UP OF MAIN CANAL GATES,
SOUTH VIEW.

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VIEWS ID-15-150 through ID-15-160 are 8" x 10" enlargements from
4" x 5" negatives.

- ID-15-150 Photocopy of drawing (taken from Twin Falls Canal
Company Surveyor's Book #363, Page 42, entitled,
"Diversion Tunnels", located in Twin Falls Canal
Company Office, Twin Falls, Idaho).
PLAN OF DIVERSION TUNNELS, MILNER DAM.
- ID-15-151 Photocopy of drawing (taken from Twin Falls Canal
Company Surveyor's Transit Book #363, Page 20).
SURVEY PRINT SHOWING POINT SPILLWAY AND FIELD
NOTES, TWIN FALLS COUNTY NORTHWEST OF MURTAUGH,
IDAHO.
- ID-15-152 Photocopy of drawing (taken from Twin Falls Canal
Company Surveyor's Transit Book #363, Page 1).
1912 CONDITION REPORT OF MILNER DAM AREA, TWIN
FALLS COUNTY, MILNER, IDAHO.
- ID-15-153 Photocopy of drawing (taken from Twin Falls Canal
Company Field Book #360, Page 74, entitled, "Clay-
Seam Cut-Off." Cross-Reference: ID-15-157).
MILNER DAM SURVEY, TWIN FALLS COUNTY, MILNER,
IDAHO.
- ID-15-154 Photocopy of transit book (taken from Twin Falls
Canal Company Surveyor's Transit Book #405T,
Page 2, [#46] Division One).
STATEMENT OF SIGHT-SETTING FOR 1903 SURVEY TO
ALIGN SOUTH SIDE CANAL, TWIN FALLS COUNTY, MILNER,
IDAHO.
- ID-15-155 Photocopy of transit book (taken from Twin Falls
Canal Company Surveyor's Transit Book #405T,
Page 1, [#46] Division One).

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STATEMENT RE: SURVEY ALIGNMENT 3/03, TWIN FALLS
COUNTY, MILNER, IDAHO.

- ID-15-156 Photocopy of written record (taken from Twin Falls Canal Company, Low Line Book #1, pp.2,3).
LOW LINE CONTRACTORS AND BORROW RECORD.
- ID-15-157 Photocopy of drawing (taken from Twin Falls Canal Company Field Book #360, Page 75, entitled, "Clay-Seam Cut-Off." Cross-Reference: ID-15-153).
MILNER DAM SURVEY, TWIN FALLS COUNTY, MILNER, IDAHO.
- ID-15-158 Photocopy of transit book (taken from Twin Falls Canal Company Transit Book #404T, Page 3, [#46], Division One).
START OF MAIN CANAL SURVEY, TWIN FALLS COUNTY, MILNER, IDAHO.
- ID-15-159 Photocopy of written record (taken from Twin Falls Canal Company Low Line Book #1, pp. 76,77).
RECORD OF BORROW AT LOW LINE SIPHON.
- ID-15-160 Photocopy of drawing (taken from Twin Falls Canal Company Field Book #361 [#86], page 1).
SCALE DRAWING, CANAL HEADGATES AND CANAL SURVEY, "A" LINE.
- ID-15-161 Photocopy of Photograph (original in Roger Lewis' private collection, Twin Falls, Idaho).
Photographer and date unknown.
MILNER DAM, SOUTH SIDE CANAL, TWIN FALLS COUNTY, MILNER, IDAHO; WORKERS AT CAMP AT HEAD OF CANAL.
- ID-15-162 Photocopy of Photograph (original in Roger Lewis' private collection).
Photographer and date unknown.

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MILNER DAM, TWIN FALLS COUNTY, MILNER, IDAHO;
NORTH DAM, NORTH VIEW, SHOWS ROCK BEING TAKEN FROM
FUTURE NORTHSIDE CANAL SITE.

- ID-15-163 Photocopy of Photograph (original in Roger Lewis'
private collection).
Photographer and date unknown.
MILNER POWER FLUME AND POWER HOUSE, TWIN FALLS
COUNTY, MILNER, IDAHO.
- ID-15-164 Photocopy of Photograph (original in Roger Lewis'
private collection).
Photographer and date unknown.
MAIN CANAL, SOUTH SIDE, TWIN FALLS COUNTY, MILNER
IDAHO; ONE OF THE CANAL CAMPS.
- ID-15-165 Photocopy of Photograph (original in Roger Lewis'
private collection).
Photographer and date unknown.
MILNER DAM, TWIN FALLS COUNTY, MILNER IDAHO;
CRANES USED TO PLACE ROCK ON DAM; NOTE ELECTRIC
RAILROAD CAR AT LEFT.
- ID-15-166 Photocopy of Photograph (original in Roger Lewis'
private collection).
Photographer and date unknown.
MILNER DAM, TWIN FALLS COUNTY, MILNER, IDAHO;
UNLOADING ROCK ONTO MILNER DAM, WOODEN CORE IN
FOREGROUND.
- ID-15-167 Photocopy of Photograph (original in Roger Lewis'
private collection).
Photographer and date unknown.
MILNER DAM, TWIN FALLS COUNTY, MILNER, IDAHO;
CENTER DAM IN CONSTRUCTION, WOODEN CORE IN
FOREGROUND.

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- ID-15-168 Photocopy of Photograph (original in Roger Lewis' private collection).
Photographer and date unknown.
MILNER DAM TUNNEL CONSTRUCTION, TWIN FALLS COUNTY, MILNER, IDAHO; WORKERS STANDING IN TUNNEL (ONE CAN BE SEEN AT FAR END OF TUNNEL).
- ID-15-169 Photocopy of Photograph (original in Roger Lewis' private collection).
Photographer and date unknown.
MILNER DAM, TWIN FALLS COUNTY, MILNER, IDAHO; NORTH DAM, WORKERS RIDE LOADING-DUMPING CAR DEVICE.
- ID-15-170 Photocopy of Photograph (original in Roger Lewis' private collection).
Photographer and date unknown.
MILNER BRIDGE, SHOWS POWER FLUME, TWIN FALLS COUNTY, MILNER, IDAHO; MILNER BRIDGE WITH MILNER IN BACKGROUND, SOUTH VIEW.
- ID-15-171 Photocopy of Photograph (original in Roger Lewis' private collection).
Photographer and date unknown.
MILNER BRIDGE, TOWN OF MILNER, TWIN FALLS COUNTY, MILNER, IDAHO; SOUTH VIEW OF BRIDGE.
- ID-15-172 Photocopy of Photograph (original in Roger Lewis' private collection).
Photographer and date unknown.
CANAL WORKERS (ORIGINAL TITLED, "THE DAGO CAMP"), TWIN FALLS COUNTY, MILNER, IDAHO; GROUP OF WORKERS.
- ID-15-173 Photocopy of Photograph (original in Roger Lewis' private collection).
Photographer and date unknown.

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MILNER DAM, TWIN FALLS COUNTY, MILNER, IDAHO; VIEW
OF TUNNEL CONSTRUCTION, RAILWAY CARS ON OVERHEAD
TRACK TO BE LIFTED.

- ID-15-174 Photocopy of Photograph (original in Roger Lewis'
private collection).
Photographer and date unknown.
SNAKE RIVER BELOW MILNER DAM SITE, TWIN FALLS
COUNTY, MILNER, IDAHO; RAPIDS JUST BELOW MILNER
TOWNSITE.
- ID-15-175 Photocopy of Photograph (original in Roger Lewis'
private collection).
Photographer and date unknown.
CENTER ISLAND, CRAWFORD WATER WHEEL, TWIN FALLS
COUNTY, MILNER, IDAHO; LOOKING DOWNSTREAM FROM DAM
SITE.
- ID-15-176 Photocopy of Photograph (original in Roger Lewis'
private collection).
Photographer and date unknown.
SOUTH SIDE CANAL GATES IN BACKGROUND, WAGONS
DUMPING DIRT ON DAM, TWIN FALLS COUNTY, MILNER,
IDAHO; SOUTHWEST VIEW.
- ID-15-177 Photocopy of Photograph, Twin Falls Canal Company,
Bisbee Photo, September, 1912.
Photographer unknown.
COTTONWOOD FLUME, HIGH LINE CANAL, TWIN FALLS
COUNTY, SOUTH OF KIMBERLY, IDAHO; SOUTH VIEW FROM
UPPER SIDE.
- ID-15-178 Photocopy of Photograph, Twin Falls Canal Company.
C. R. Savage, Photographer, March, 1905.
FIRST FULL WATER OVER MILNER DAM, TWIN FALLS
COUNTY, MILNER, IDAHO; SOUTHWEST VIEW OF SPILLWAY
GATES.

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- ID-15-179 Photocopy of Photograph, Twin Falls Canal Company,
Bisbee Photo, September, 1912.
Photographer unknown.
VIEW OF LOW LINE CANAL, TWIN FALLS COUNTY; VIEW OF
LOW LINE CANAL IN PETE LINK'S FIELD.
- ID-15-180 Photocopy of Photograph, Twin Falls Canal Company.
E. Pettygro, Photographer, date unknown.
BLASTING TWIN FALLS CANAL, TWIN FALLS COUNTY;
BLASTING COTTONWOOD AREA TO REPLACE FLUME BY
RUNNING HIGH LINE THROUGH SOLID ROCK.
- ID-15-181 Photocopy of Photograph, Twin Falls Canal Company.
Photographer and date unknown.
POINT SPILL, TWIN FALLS COUNTY; SOUTH VIEW.
- ID-15-182 Photocopy of Photograph, Twin Falls Canal Company.
Photographer and date unknown.
MILNER DAM TUNNELS, TWIN FALLS COUNTY, MILNER,
IDAHO; APPROACH TO TUNNELS.
- VIEWS ID-15-183 through ID-15-198 are 8" x 10" enlargements from
4" x 5" negatives.
- ID-15-183 Photocopy of map (Twin Falls Canal Company).
TOPOGRAPHICAL MAP OF MILNER DAM SITE, TWIN FALLS
COUNTY, MILNER, IDAHO; MAP, LEFT SIDE ONLY. CROSS
REFERENCE: ID-15-192.
- ID-15-184 Photocopy of drawing (taken from right corner of
Twin Falls Canal Company drawing #7017, located in
Twin Falls Canal Company Office, Twin Falls,
Idaho).
ORIGINAL 1900 SEGREGATION DAM PLAN, TWIN FALLS
COUNTY, MILNER, IDAHO.

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- ID-15-185 Photocopy of drawing, Twin Falls Canal Company,
date unknown.
MILNER DAM CROSS SECTION PLAN, TWIN FALLS COUNTY,
MILNER, IDAHO; BLUEPRINT.
- ID-15-186 Photocopy of drawing, Twin Falls Canal Company,
date unknown.
DRY CREEK RESERVOIR, CASSIA COUNTY (NOW TWIN FALLS
COUNTY); MAP.
- ID-15-187 Photocopy of drawing, Twin Falls Canal Company,
date unknown.
TOPOGRAPHICAL MAP OF MILNER DAM LOCATION, TWIN
FALLS COUNTY, MILNER, IDAHO; BLUEPRINT MAP.
- ID-15-188 Photocopy of drawing, Twin Falls Canal Company,
date unknown.
DETAILS OF GATE RAISING MECHANISM, NO COUNTY;
BLUEPRINT.
- ID-15-189 Photocopy of drawing, Twin Falls Canal Company,
date unknown.
ROCK CREEK CROSSING, LOW LINE CANAL, TWIN FALLS
COUNTY, SOUTH OF KIMBERLY, IDAHO; BLUEPRINT.
- ID-15-190 Photocopy of drawing, Twin Falls Canal Company,
date unknown.
GENERAL PLAN OF MILNER DAM TUNNELS, TWIN FALLS
COUNTY, MILNER, IDAHO; BLUEPRINT.
- ID-15-191 Photocopy of drawing, Twin Falls Canal Company,
date unknown.
SPILLWAY GATES, MILNER DAM, TWIN FALLS COUNTY,
MILNER, IDAHO; BLUEPRINT.
- ID-15-192 Photocopy of drawing, Twin Falls Canal Company,
date unknown.

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TOPOGRAPHICAL MAP (DAM DRAWN IN), MILNER SITE,
TWIN FALLS COUNTY, MILNER, IDAHO; RIGHT SIDE OF
MAP (LEFT ON ID-15-183).

- ID-15-193 Photocopy of Photograph, Twin Falls Canal Company,
date unknown.
MILNER DAM PROFILE, TWIN FALLS COUNTY, MILNER,
IDAHO; BLUEPRINT.
- ID-15-194 Photocopy of drawing, Twin Falls Canal Company,
date unknown.
PROFILE AND GATE PLAN, NORTH ISLAND CROSS SECTION
OF DAM, TWIN FALLS COUNTY, MILNER, IDAHO;
BLUEPRINT.
- ID-15-195 Photocopy of drawing, Twin Falls Canal Company,
date unknown.
PLAN OF CONSTRUCTION AREA PLANT, TWIN FALLS
COUNTY, MILNER, IDAHO; BLUEPRINT.
- ID-15-196 Photocopy of drawing, Twin Falls Canal Company,
date unknown.
GATE OPERATION MECHANISM, NO COUNTY; BLUEPRINT.
- ID-15-197 Photocopy of drawing, Twin Falls, Canal Company,
date unknown.
GATE STEMS AND LIFTING DEVICES, NO COUNTY;
BLUEPRINT SKETCHES.
- ID-15-198 Photocopy of drawing, Twin Falls Canal Company,
date unknown.
SEGREGATION OF PUBLIC LAND, LINCOLN AND CASSIA
COUNTIES; MAP.