

HISTORIC AMERICAN ENGINEERING RECORD

INDEX TO PHOTOGRAPHS

UMATILLA PROJECT, EAST DIVISION IRRIGATION SYSTEM, FEED CANAL

HAER No. OR-66-D

Between the Umatilla River and Cold Springs Reservoir
Hermiston Vicinity
Umatilla County
Oregon

Harvey S. Rice, Photographer, April 1995

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| OR-66-D-1 | FEED CANAL, REGULATING WEIR (LEFT), BRIDGE OVER SANDGATES WASTEWAY (RIGHT), VIEW TO SOUTHEAST |
| OR-66-D-2 | FEED CANAL, CONCRETE BRIDGE ON OLD PENDLETON RIVER ROAD, VIEW TO NORTH |
| OR-66-D-3 | FEED CANAL, CONCRETE LINED SECTION, LOCAL ACCESS BRIDGE AND BRIDGE ON I-84, VIEW TO SOUTHEAST |
| OR-66-D-4 | FEED CANAL, WEST OF COOPER ROAD AND EAST OF STANFIELD LOOP ROAD, VIEW TO NORTHEAST |
| OR-66-D-5 | FEED CANAL, BRIDGE ON SOUTH EDWARDS ROAD (CENTER), VIEW TO WEST |
| OR-66-D-6 | FEED CANAL, NORTH OF HINKLE ROAD, BRIDGE ON SOUTH OTT ROAD, RAILROAD FLATCAR CONSTRUCTION, VIEW TO NORTHWEST |
| OR-66-D-7 | FEED CANAL, AT SOUTH EDWARDS ROAD AND HERMISTON LOOP ROAD, VIEW TO WEST |
| OR-66-D-8 | FEED CANAL, INLET TO BYPASS PIPE FROM FEED CANAL INTO A-LINE CANAL BELOW COLD SPRINGS DAM, VIEW TO NORTHWEST |
| OR-66-D-9 | FEED CANAL, BACKFLOW PREVENTION STRUCTURE AND BRIDGE FOR TABOR ROAD CROSSING, UPSTREAM FACE, VIEW TO SOUTHEAST |
| OR-66-D-10 | FEED CANAL, BACKFLOW PREVENTION STRUCTURE, FLAP GATES RAISED, DOWNSTREAM FACE, VIEW TO NORTHWEST |

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OR-66-D-11 FEED CANAL, OUTLET TO COLD SPRINGS RESERVOIR AT HIGH
WATER, VIEW TO NORTHEAST

HISTORIC PHOTOGRAPHS

(Note: original captions for historic photographs given in capital letters)

OR-66-D-12 Photographic copy of historic photograph (original photograph on file at
National Archives and Records Administration, Rocky Mountain Region,
Broomfield, Colorado)
J.T. Whistler, Photographer, August 22, 1906
CONCRETE MIXER, UMATILLA (probably used for lining Feed Canal)

OR-66-D-13 Photographic copy of historic photograph (original photograph on file at
National Archives and Records Administration, Rocky Mountain Region,
Broomfield, Colorado)
H. W. King, Photographer, December 21, 1906
FEED CANAL, LOOKING SOUTH TOWARDS SAND GATE, BELOW
DIVERSION WEIR ABOVE ECHO, OREGON, UMATILLA PROJECT

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- OR-66-D-14 Photographic copy of historic photograph (original photograph on file at National Archives and Records Administration, Rocky Mountain Region, Broomfield, Colorado)
O.G. Allen, Photographer, February 19, 1907
FEED CANAL, SAND GATE (left) AND REGULATING WEIR (right),
LOOKING NORTH, UMATILLA PROJECT, OREGON
- OR-66-D-15 Photographic copy of historic photograph (original photograph on file at National Archives and Records Administration, Rocky Mountain Region, Broomfield, Colorado)
O.G. Allen Photographer, February 19, 1907
VIEW AT UPPER END OF FEED CANAL, LOOKING NORTH
TOWARDS REGULATING WEIR, UMATILLA PROJECT, OREGON
- OR-66-D-16 Photographic copy of historic photograph (original photograph on file at National Archives and Records Administration, Rocky Mountain Region, Broomfield, Colorado)
W.C. Sawyer, Photographer, March 11, 1907
UMATILLA PROJECT, ORE., PLACING CORE IN (Henrieta) MILL
DITCH CROSSING ABOVE ECHO, ORE., CROSSING OF MILL
DITCH UNDER STORAGE FEED CANAL (note wood stave pipe forms
and concrete mixer)
- OR-66-D-17 Photographic copy of historic photograph (original photograph on file at National Archives and Records Administration, Rocky Mountain Region, Broomfield, Colorado)
W.C. Sawyer, Photographer, March 16, 1907
UMATILLA PROJECT, ORE., (Henrieta) MILL DITCH CROSSING
ECHO, ORE. (note concrete mixer and form for siphon pipe)
- OR-66-D-18 Photographic copy of historic photograph (original photograph on file at National Archives and Records Administration, Rocky Mountain Region, Broomfield, Colorado)
W.C. Sawyer, Photographer, April 5, 1907
UMATILLA PROJECT, ORE., GENERAL VIEW OF PLANT FOR
CONCRETE LINING OF ROCK SECTION, STORAGE FEED CANAL,
LOOKING UP FROM RIGHT FEED BANK, ECHO ORE. (note concrete
mixer and semi-circular canal forms)

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- OR-66-D-19 Photographic copy of historic photograph (original photograph on file at National Archives and Records Administration, Rocky Mountain Region, Broomfield, Colorado)
W.C. Sawyer, Photographer, April 5, 1907
UMATILLA PROJECT, ORE., STORAGE FEED CANAL, ROCK SECTION, STA. 1202, END VIEW SHOWING FORM BULKHEADED AT END OF TEN FT. SECTIONS, ALSO BOTTOM SECTION UPON WHICH FORMS REST, LOOKING UP FROM BOTTOM OF CANAL, ECHO, ORE.
- OR-66-D-20 Photographic copy of historic photograph (original photograph on file at National Archives and Records Administration, Rocky Mountain Region, Broomfield, Colorado)
W.C. Sawyer, Photographer, April 5, 1907
UMATILLA PROJECT, ORE., EXCAVATING IN ROCK SECTION, STORAGE FEED CANAL, NEAR STA. 1200, LOOKING DOWN FROM RIGHT BANK, ECHO ORE. (note Henrieta Mill and flume for mill ditch)
- OR-66-D-21 Photographic copy of historic photograph (original photograph on file at National Archives and Records Administration, Rocky Mountain Region, Broomfield, Colorado)
Walter J. Lubken., Photographer, September 18, 1907
OVERFLOW WEIR AND REGULATING AGTES IN MAIN FEED CANAL JUST BELOW INTAKE LOOKING UP-STREAM (regulating weir at center, sandgates on right)
- OR-66-D-22 Photographic copy of historic photograph (original photograph on file at National Archives and Records Administration, Rocky Mountain Region, Broomfield, Colorado)
Walter J. Lubken, Photographer W.J. Lubken, September 18, 1907
FEED CANAL, CONCRETE LINED ROCK SECTION (compare with OR-66-D-20)
- OR-66-D-23 Photographic copy of historic photograph (original photograph on file at National Archives and Records Administration, Rocky Mountain Region, Broomfield, Colorado)
Walter J. Lubken, Photographer, September 18, 1907
FEED CANAL, CROSSING UNDER RAILROAD (note construction date "USRS – 1907" and Furnish Ditch embankment in background)

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OR-66-D-24 Photographic copy of historic photograph (original photograph on file at National Archives and Records Administration, Rocky Mountain Region, Broomfield, Colorado)
Photographer unknown, August 1908
FEED CANAL, CONCRETE LINED ROCK SECTION

Stephen Emerson, Photographer, November 1997

OR-66-D-25 Comparison photograph (same position as OR-66-D-23, original photograph on file at Archaeological and Historical Services, Eastern Washington University, Cheney, WA)
Stephen Emerson, Photographer, November 1997
FEED CANAL, CULVERT UNDER RAILROAD, BRIDGE FOR HIGHWAY, FURNISH DITCH EMBANKMENT IN BACKGROUND

CONSTRUCTION DRAWINGS

OR-66-D-26 Photographic copy of engineering drawing, May 1906 (taken from *Contract Drawings: Storage Feed Canal, Umatilla Project, Oregon, U.S.* Department of the Interior, U.S. Reclamation Service Specifications No. 92, Drawing No. 1., on file at Reclamation's Pacific Northwest Regional Office, Boise, Idaho) GENERAL MAP, UMATILLA PROJECT (Showing route of Feed Canal)

OR-66-D-27 Photographic copy of engineering drawing, May 1906 (taken from *Contract Drawings: Storage Feed Canal, Umatilla Project, Oregon, U.S.* Department of the Interior, U.S. Reclamation Service Specifications No. 92, Drawing No. 7., on file at Reclamation's Pacific Northwest Regional Office, Boise, Idaho) SAND GATES AND REGULATING WEIR

OR-66-D-28 Photographic copy of engineering drawing, May 1906 (taken from *Contract Drawings: Storage Feed Canal, Umatilla Project, Oregon, U.S.* Department of the Interior, U.S. Reclamation Service Specifications No. 92, Drawing No. 4., on file at Reclamation's Pacific Northwest Regional Office, Boise, Idaho) CROSS SECTIONS OF FEED CANAL

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- OR-66-D-29 Photographic copy of engineering drawing, May 1906 (taken from *Contract Drawings: Storage Feed Canal, Umatilla Project, Oregon, U.S. Department of the Interior, U.S. Reclamation Service Specifications No. 92, Drawing No. 11.*, on file at Reclamation's Pacific Northwest Regional Office, Boise, Idaho) MISCELLANEOUS DETAILS
- OR-66-D-30 Photographic copy of engineering drawing, May 1906 (taken from *Contract Drawings: Storage Feed Canal, Umatilla Project, Oregon, U.S. Department of the Interior, U.S. Reclamation Service Specifications No. 92, Drawing No. 9.*, on file at Reclamation's Pacific Northwest Regional Photographic copy Office, Boise, Idaho) MILL DITCH CROSSING AND TYPICAL WATERWAY
- OR-66-D-31 Photographic copy of engineering drawing, May 1906 (taken from *Contract Drawings: Storage Feed Canal, Umatilla Project, Oregon, U.S. Department of the Interior, U.S. Reclamation Service Specifications No. 92, Drawing No. 8.*, on file at Reclamation's Pacific Northwest Regional Office, Boise, Idaho) RAILROAD CROSSING
- OR-66-D-32 Photographic copy of engineering drawing, May 1906 (taken from *Contract Drawings: Cold Springs Dam, Umatilla Project, Oregon, U.S. Department of the Interior, U.S. Reclamation Service Specifications No. 90, Drawing No. 4.*, on file at Reclamation's Pacific Northwest Regional Office, Boise, Idaho) DETAILS OF INLET WORKS