Water Resources Survey

Part II:
MAPS SHOWING IRRIGATED AREAS IN COLORS DESIGNATING THE SOURCES OF SUPPLY

Sweet Grass County, Montana

Published by
STATE ENGINEER'S OFFICE
Helena, Montana, July, 1950
WATER RESOURCES SURVEY

Sweet Grass County, Montana

Part II
Maps Showing Irrigated Areas

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Hon. John W. Bonner
Capitol Building
Helena, Montana

Dear Governor Bonner:

Submitted herewith is a consolidated report on the Water Resources Survey of Sweet Grass County, Montana. This work is being carried on by funds made available to the State Engineer by the Thirty-first Legislative Session, 1949, and in cooperation with the State Water Conservation Board.

The report is divided into two booklets—part one consisting of the history of land and water use, irrigated lands, water rights, etc., while part two contains all of the township maps showing in color the lands irrigated from each canal.

The office files contain minute descriptions and details of each individual water right, water and land use, etc., which are too voluminous to be included herein. These office files are available for inspection to those who are interested.

Respectfully submitted,

FRED E. BUCK, State Engineer
STATE ENGINEER'S OFFICE

Fred E. Buck ................................................................. State Engineer
Hans L. Bille ................................................................. Assistant

STATE WATER CONSERVATION BOARD

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MONTANA STATE AGRICULTURAL EXPERIMENT STATION

O. W. Monson, Irrigation Engineer, Consultant and Project Leader, Bozeman
MAP SYMBOL INDEX

BOUNDARIES

--- COUNTY LINE
--- NATIONAL FOREST LINE

DITCHES

✈ CANALS OR DITCHES
← DRAIN DITCHES
←— PROPOSED DITCHES

STRUCTURES

\ DAM
\ DROP
\ FLUME

♀ GAUGING STATION
+++ NATURAL CARRIER USED AS DITCH

• PUMP
○ PUMP SITE
✈ RESERVOIR

♀ SIPHON

♀ STORAGE TANK
← WEIR
○ WELL

TRANSPORTATION

=== COUNTY ROADS
=== PAVED HIGHWAY
+++ RAILROADS
□ STATE HIGHWAY
♀ U.S. HIGHWAY

UNITS

♂ AIRPORT
♀ CEMETARY
♂ COUNTY SEAT
○ FAIRGROUND

■ FARM OR RANCH UNIT
♀ FISH HATCHERY

♀ LOOKOUT STATION
♀ POWER PLANT
♀ RANGER STATION
♀ SCHOOL HOUSE
♀ SHAFT, MINE OR DRIFT
* SPRING
♀ STATE OR NATIONAL MONUMENT
Township No. 4 NORTH Range No. 16 EAST County SWEET GRASS

LEGEND

PRIVATE IRRIGATION

HANSON DITCH (NOT IN USE)

CHERRY CREEK

T. 4N-R. 17E

TRACE OF GUGLER DITCH

TRACE OF OLDER DITCHES

TRACE OF OLDER DITCH

HANSON DITCHES

CHERRY SPRING CREEK

CREMER RANCH

T. 3N-R. 15E

FISH CREEK

T. 4N-R. 15E

TRACE OF TOLLEFSON DITCH

FLUME (OUT)
Legend:

- **PRIVATE IRRIGATION**

Map features:
- Branches of Mendenhall Creek (or Sheep Creek)
- West Boulder River
- Second Creek
- Elges-Ditch
- Elges-Muncaster Ditch
- Dipping Tank Gulch
- Basin Creek