

RECORDS
MANAGEMENT
WRS COPY

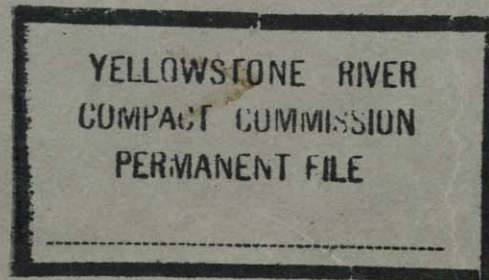
Water Resources Survey



Part II:

MAPS SHOWING IRRIGATED AREAS IN COLORS
DESIGNATING THE SOURCES OF SUPPLY

Park County, Montana



Published by

STATE ENGINEER'S OFFICE
Helena, Montana, December, 1951



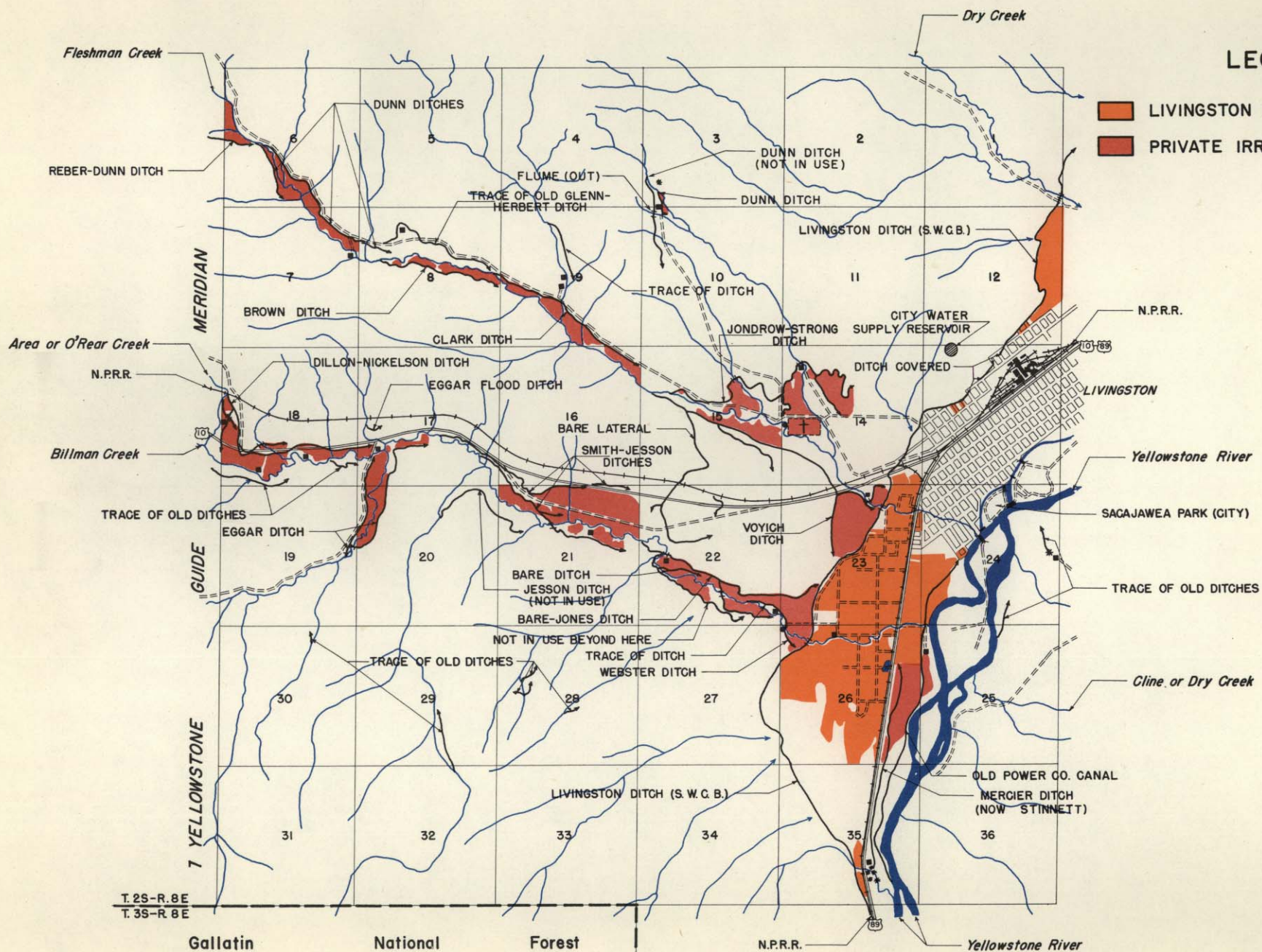
WATER RESOURCES SURVEY

Park County, Montana

Part II

Maps Showing Irrigated Areas

Published by
STATE ENGINEER'S OFFICE
Helena, Montana
December, 1951



LEGEND

- LIVINGSTON DITCH (S.W.C.B.)
- PRIVATE IRRIGATION

T. 2S-R. 8E
T. 3S-R. 8E

Gallatin

National

Forest

N.P.R.R.

Yellowstone River

December, 1951

Honorable John W. Bonner
Governor of Montana
Capitol Building
Helena, Montana

Dear Governor Bonner:

Submitted herewith is a consolidated report on the Water Resources Survey of Park County, Montana.

This work is being carried on with funds made available to the State Engineer by the 32nd Legislative Session, 1951, and in cooperation with the State Water Conservation Board and the Montana State Agricultural Experiment Station.

The report is divided into two parts. Part I consists of history of land and water use, irrigated lands, water rights, etc., and Part II contains all of the township maps in the county showing in color the lands irrigated from each source or canal system.

Work has been completed and reports are now available for the following counties: Yellowstone, Carbon, Stillwater, Big Horn, Custer, Rosebud, Musselshell, Golden Valley, Wheatland, Meagher, Sweet Grass, Park and Treasure.

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.

The historical data contained in this report can never become obsolete. If new information is added from time to time as new developments occur, the report can always be kept current and up to date.

Respectfully submitted,
FRED E. BUCK, State Engineer

STATE ENGINEER'S OFFICE

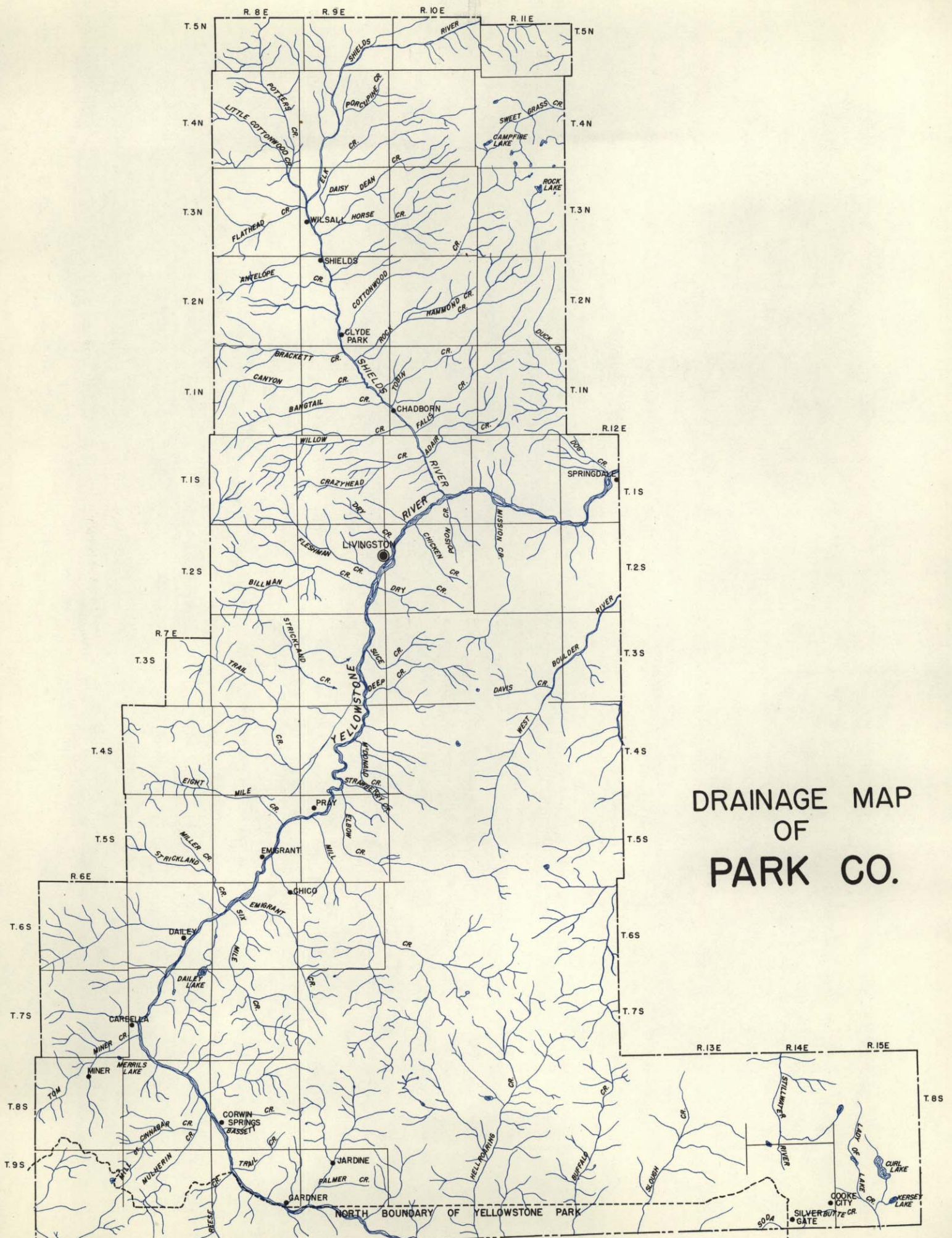
Fred E. Buck State Engineer
Hans L. Bille Assistant

STATE WATER CONSERVATION BOARD

Governor John W. Bonner Chairman
C. H. Raymond Vice Chairman and Secretary
Fred E. Buck Member and Consulting Engineer
John B. David Member
Max Mathews Member
Ralph H. Fifield Chief Engineer
R. J. Kelly Assistant Secretary

MONTANA STATE AGRICULTURAL EXPERIMENT STATION

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



DRAINAGE MAP OF PARK CO.

MAP INDEX




Township	Range	Page	Township	Range	Page
5 North	8 East	1	2 South	9 East	24
5 North	9 East	2	2 South	10 East	25
5 North	10 East	3	2 South	11 East	26
4 North	8 East	4	2 South	12 East	27
4 North	9 East	5	3 South	8 East	28
4 North	10 East	6	3 South	9 East	29
3 North	8 East	7	3 South	11 East	30
3 North	9 East	8	3 South	12 East	31
3 North	10 East	9	4 South	8 East	32
2 North	8 East	10	4 South	9 East	33
2 North	9 East	11	5 South	7 East	34
2 North	10 East	12	5 South	9 East	35
2 North	11 East	13	6 South	7 East	36
1 North	8 East	14	6 South	8 East	37
1 North	9 East	15	6 South	9 East	38
1 North	10 East	16	7 South	6 East	39
1 North	11 East	17	8 South	6 East	40
1 South	8 East	18	8 South	7 East	41
1 South	9 East	19	8 South	8 East	42
1 South	10 East	20	9 South	7 East	43
1 South	11 East	21	9 South	8 East	44
1 South	12 East	22	9 South	9 East	45
2 South	8 East	23			

MAP SYMBOL INDEX








BOUNDARIES

- COUNTY LINE
- NATIONAL FOREST LINE

DITCHES

-  CANALS OR DITCHES
-  DRAIN DITCHES
-  PROPOSED DITCHES

STRUCTURES

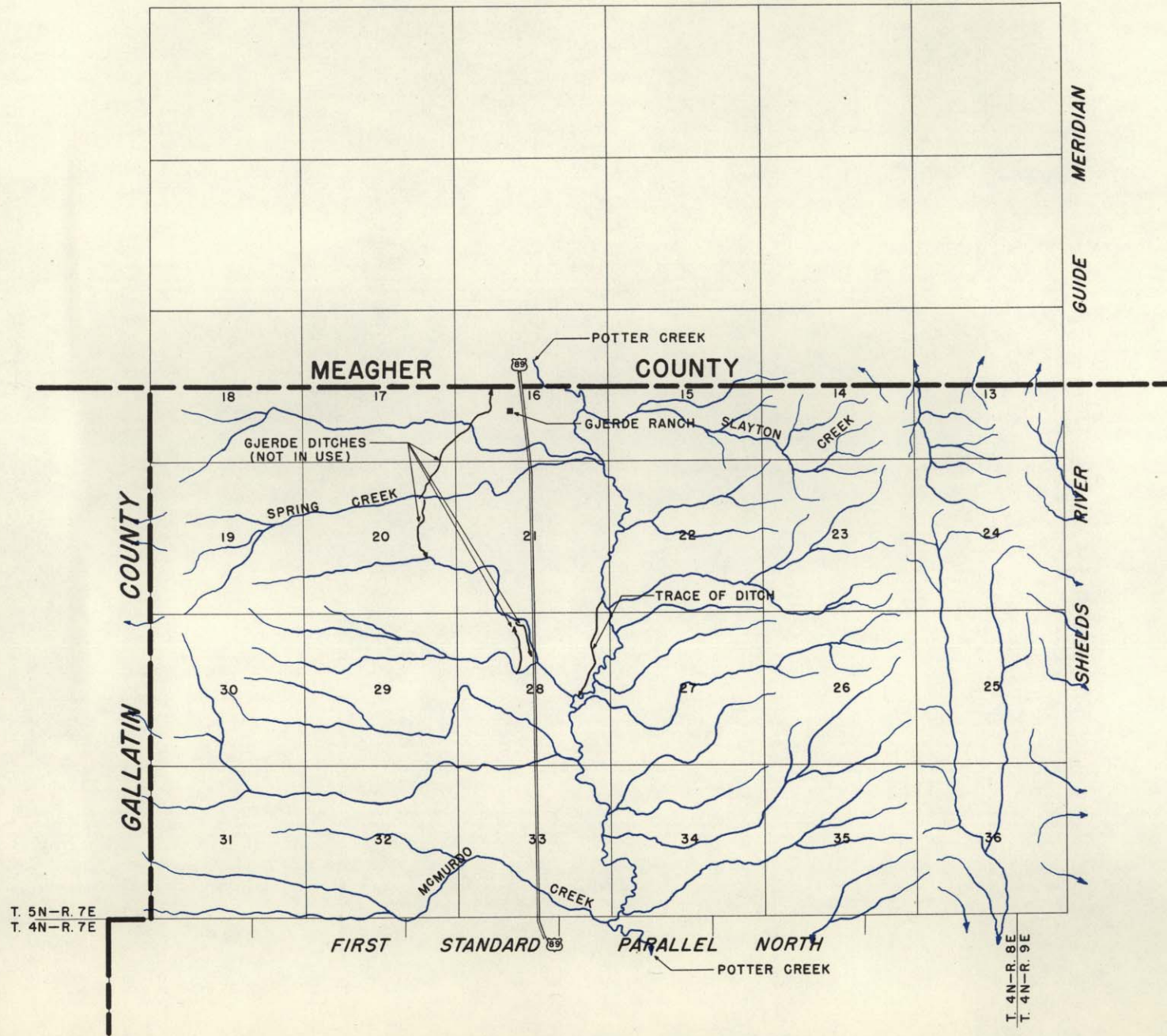
-  DAM
-  DROP
-  FLUME
-  GAUGING STATION
- +++ NATURAL CARRIER USED AS DITCH
- PUMP
- PUMP SITE
-  RESERVOIR
-  SIPHON
- ⊗ STORAGE TANK
-  WEIR
- ⊖ WELL

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

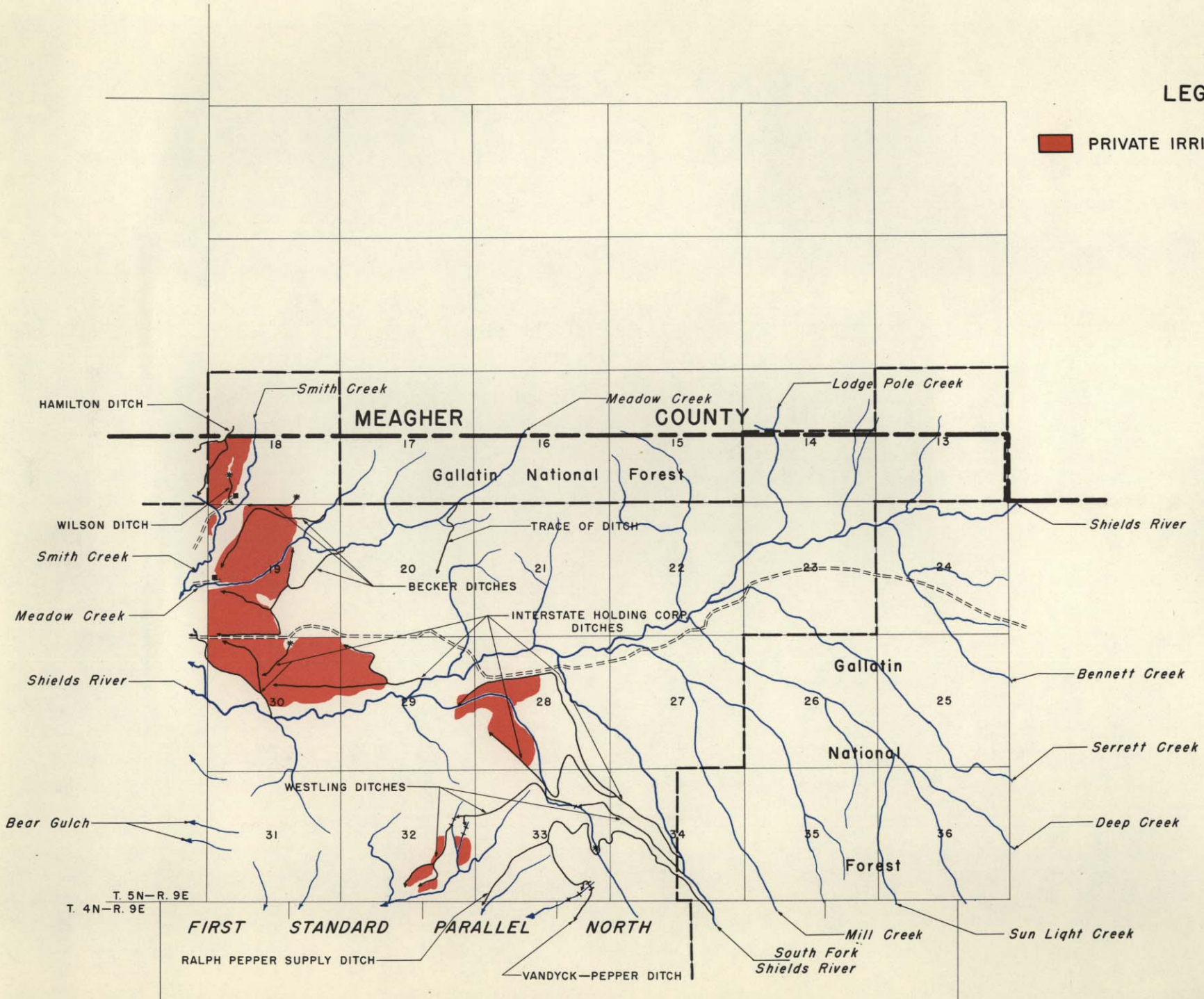


T. 5N-R. 7E
T. 4N-R. 7E

T. 4N-R. 8E
T. 4N-R. 9E

LEGEND

PRIVATE IRRIGATION



T. 5N-R. 9E
T. 4N-R. 9E

FIRST STANDARD PARALLEL NORTH

RALPH PEPPER SUPPLY DITCH

VANDYCK-PEPPER DITCH

South Fork Shields River
Mill Creek
Sun Light Creek

Township No. 4 NORTH

Range No. 8 EAST

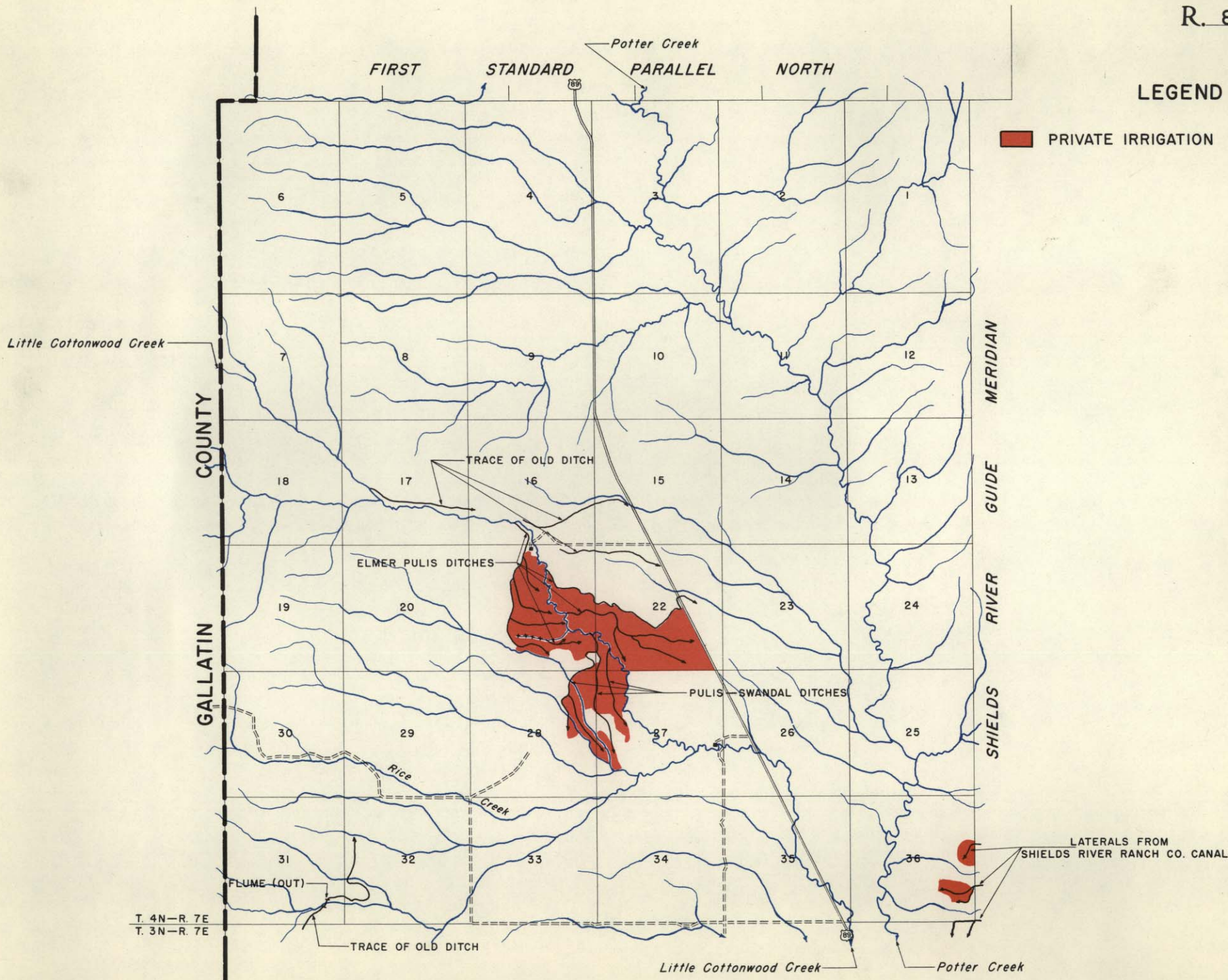
County PARK

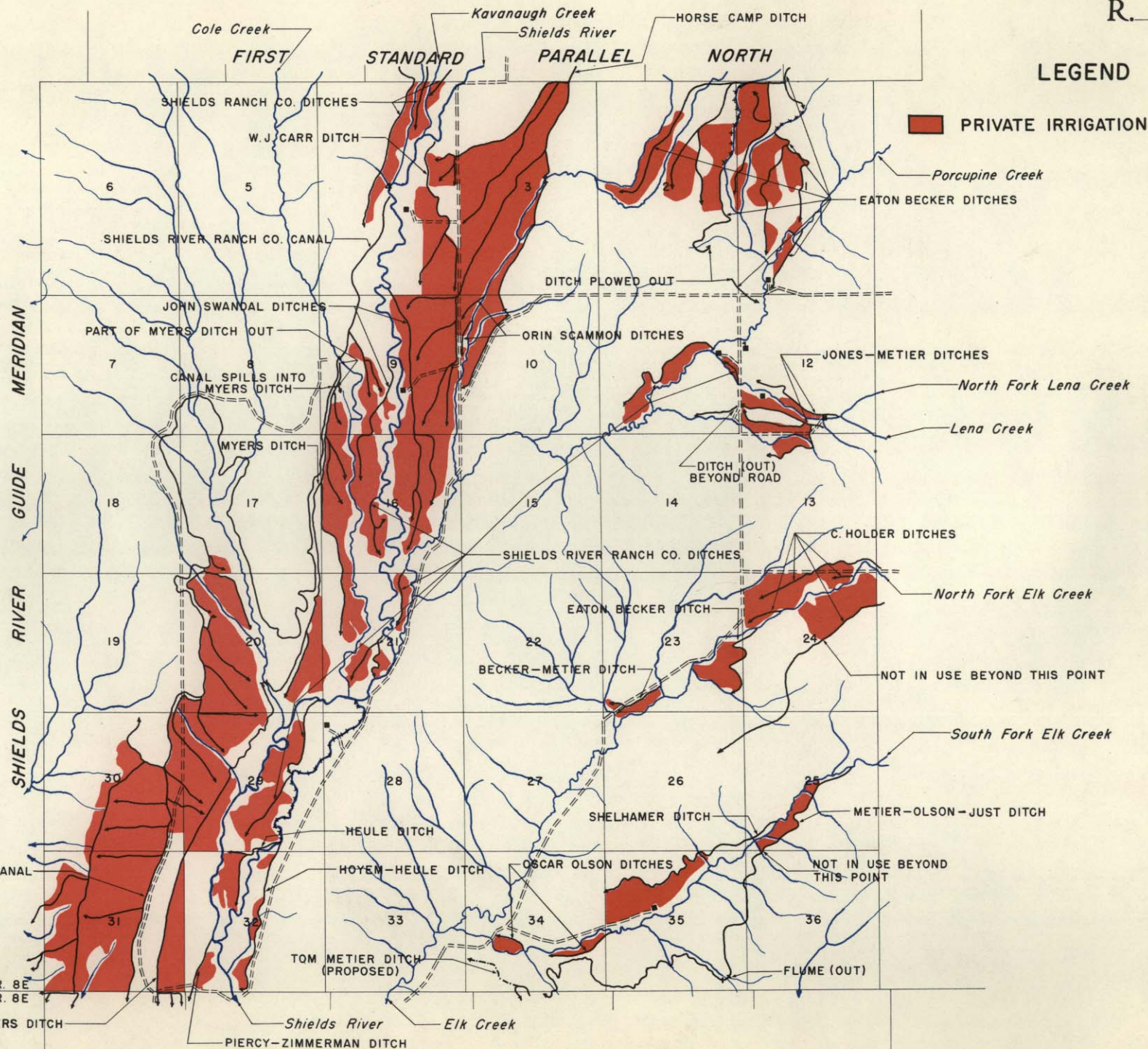
T. 4 NORTH

R. 8 EAST

LEGEND

PRIVATE IRRIGATION





Township No. 4 NORTH

Range No. 10 EAST

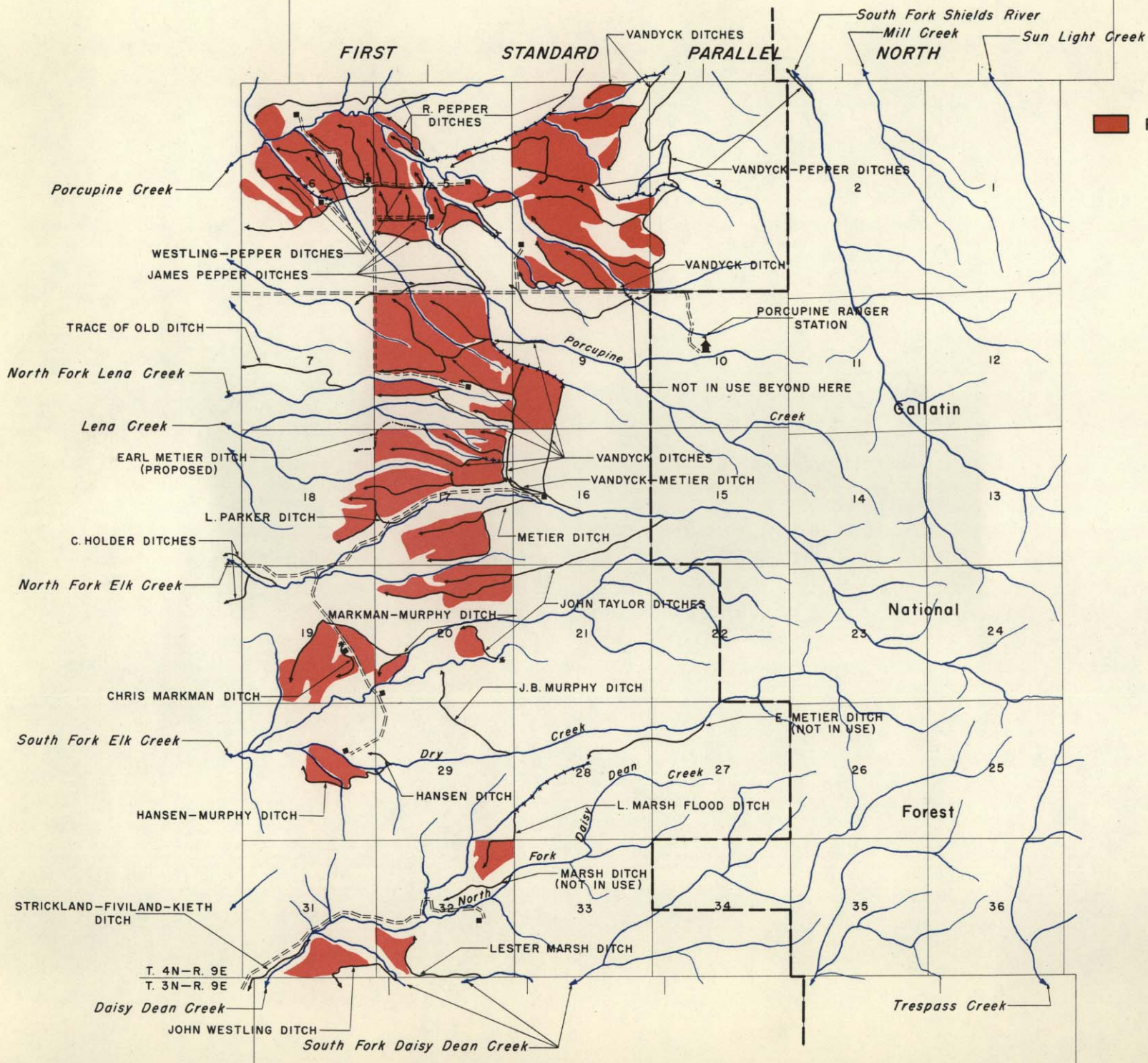
County PARK

T. 4 NORTH

R. 10 EAST

LEGEND

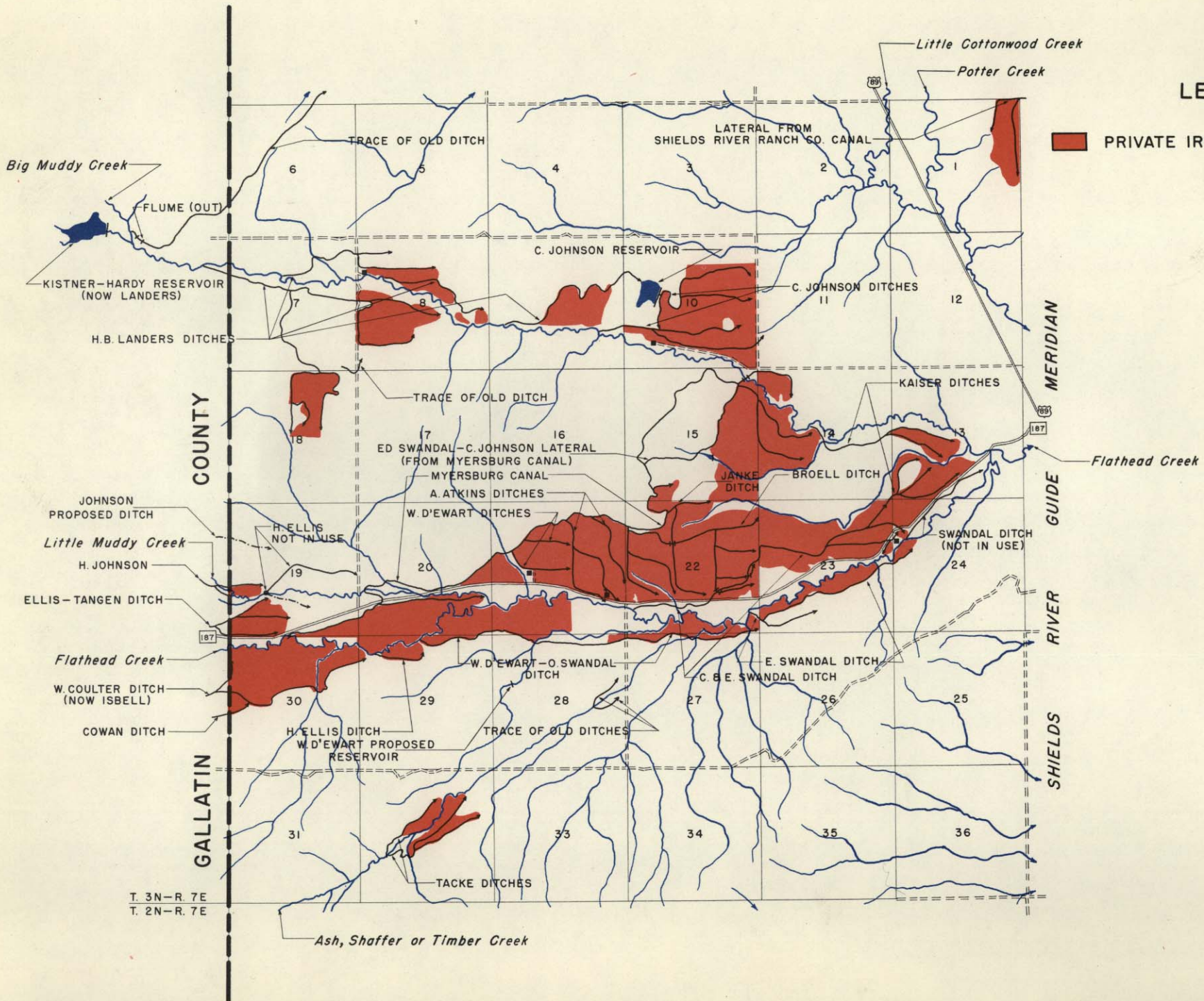
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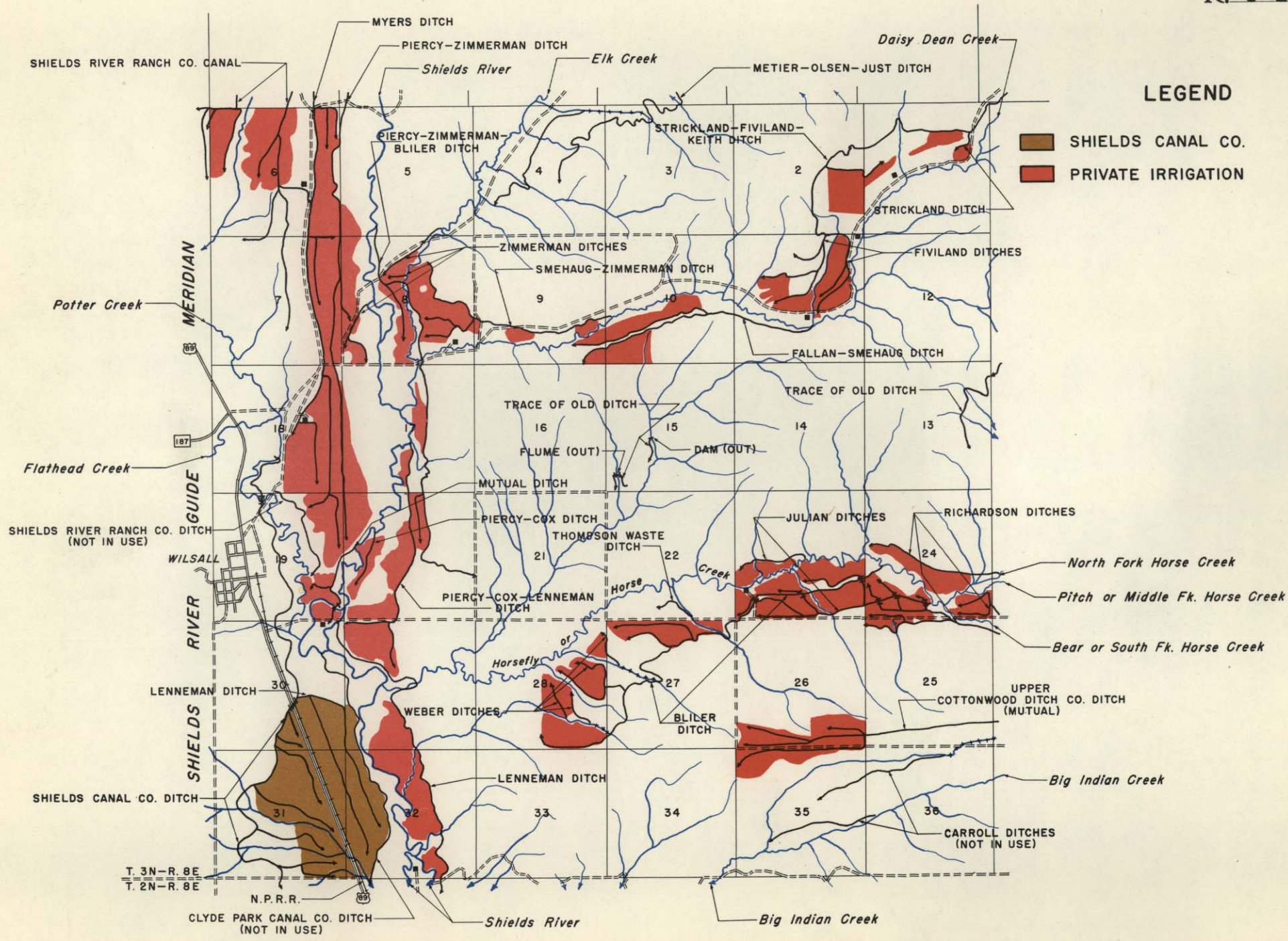


T. 4N-R. 9E
T. 3N-R. 9E

LEGEND

PRIVATE IRRIGATION





LEGEND

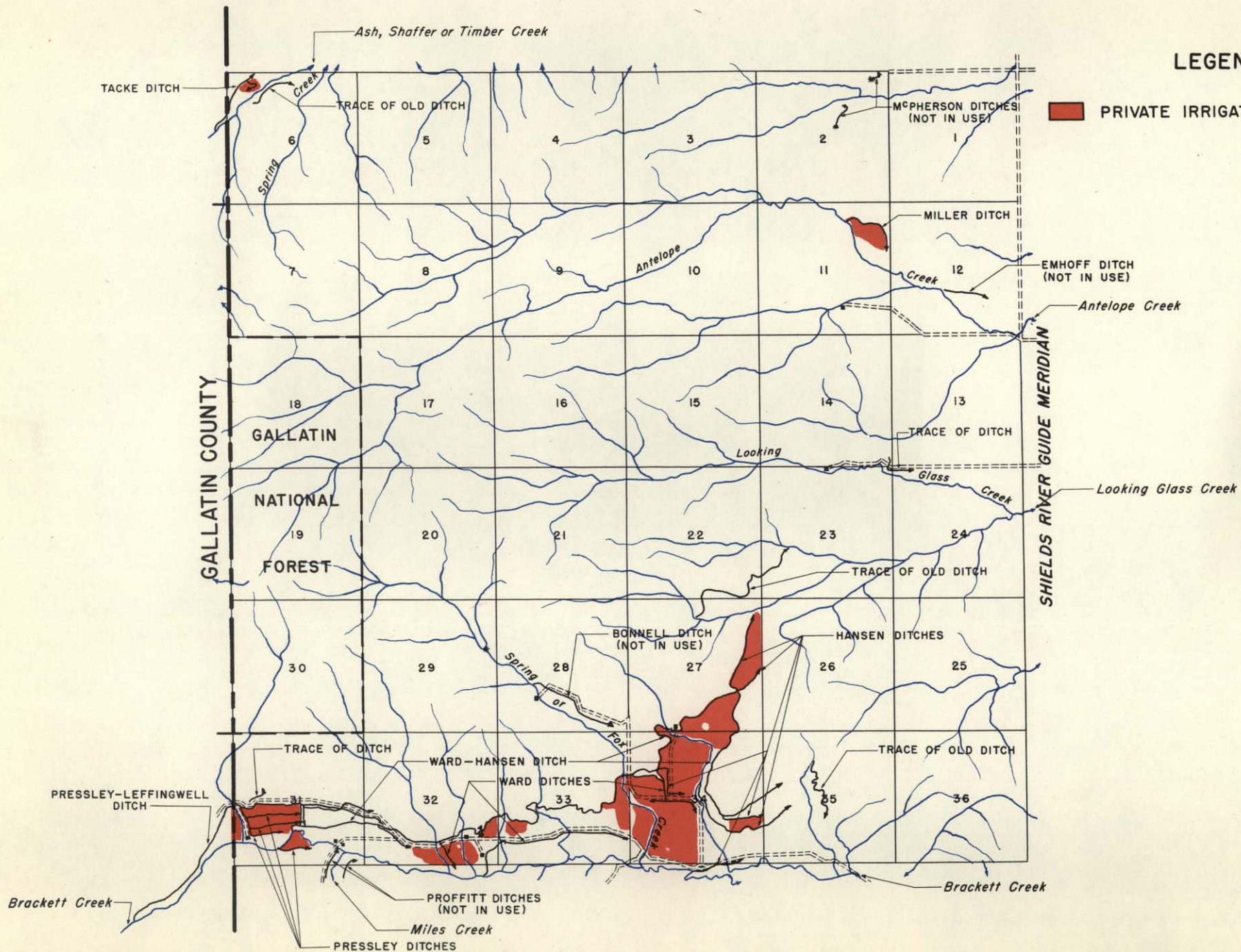
- SHIELDS CANAL CO.
- PRIVATE IRRIGATION

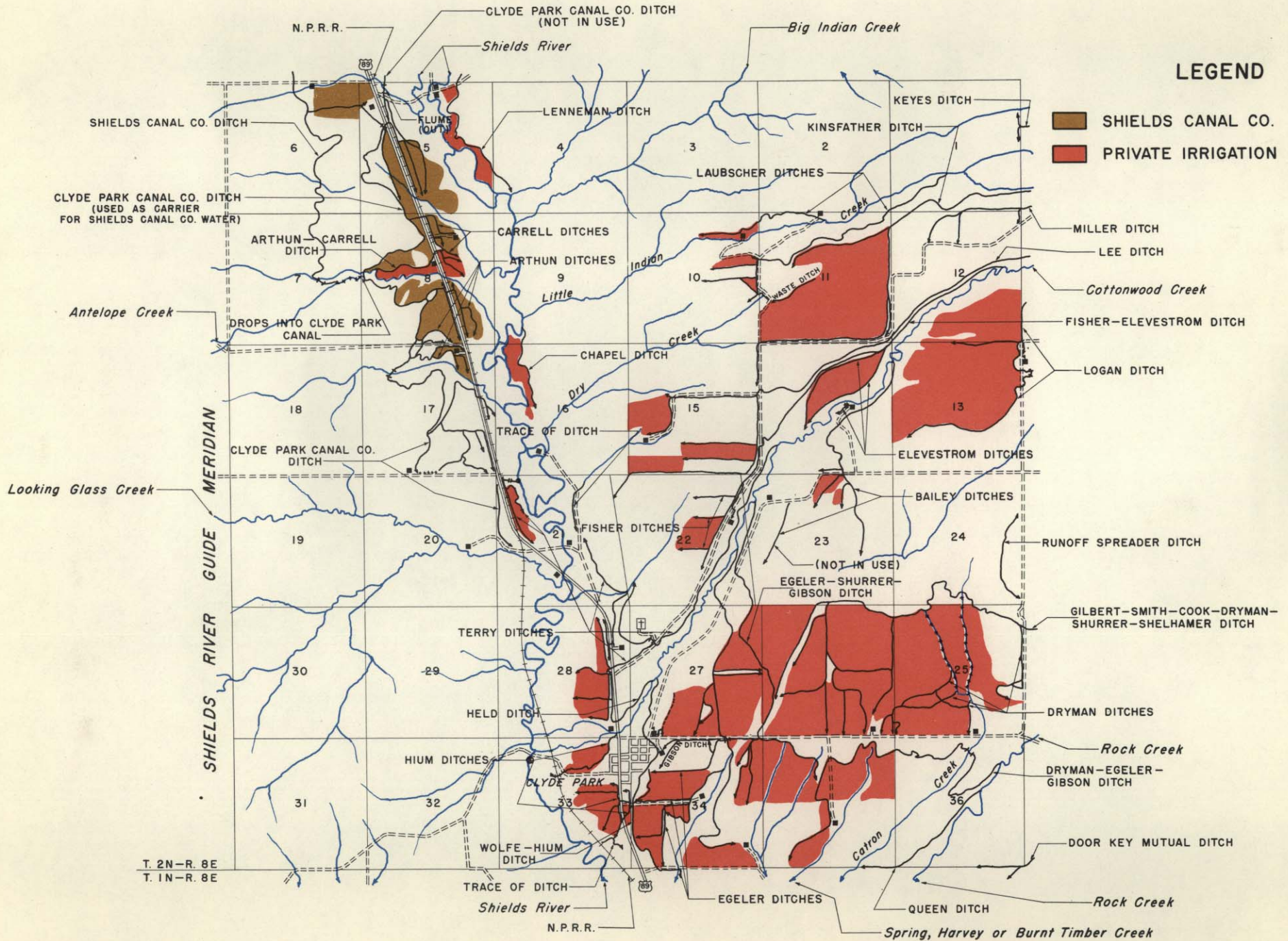
T. 3N-R. 8E
T. 2N-R. 8E

N.P.R.R.
CLYDE PARK CANAL CO. DITCH
(NOT IN USE)

LEGEND

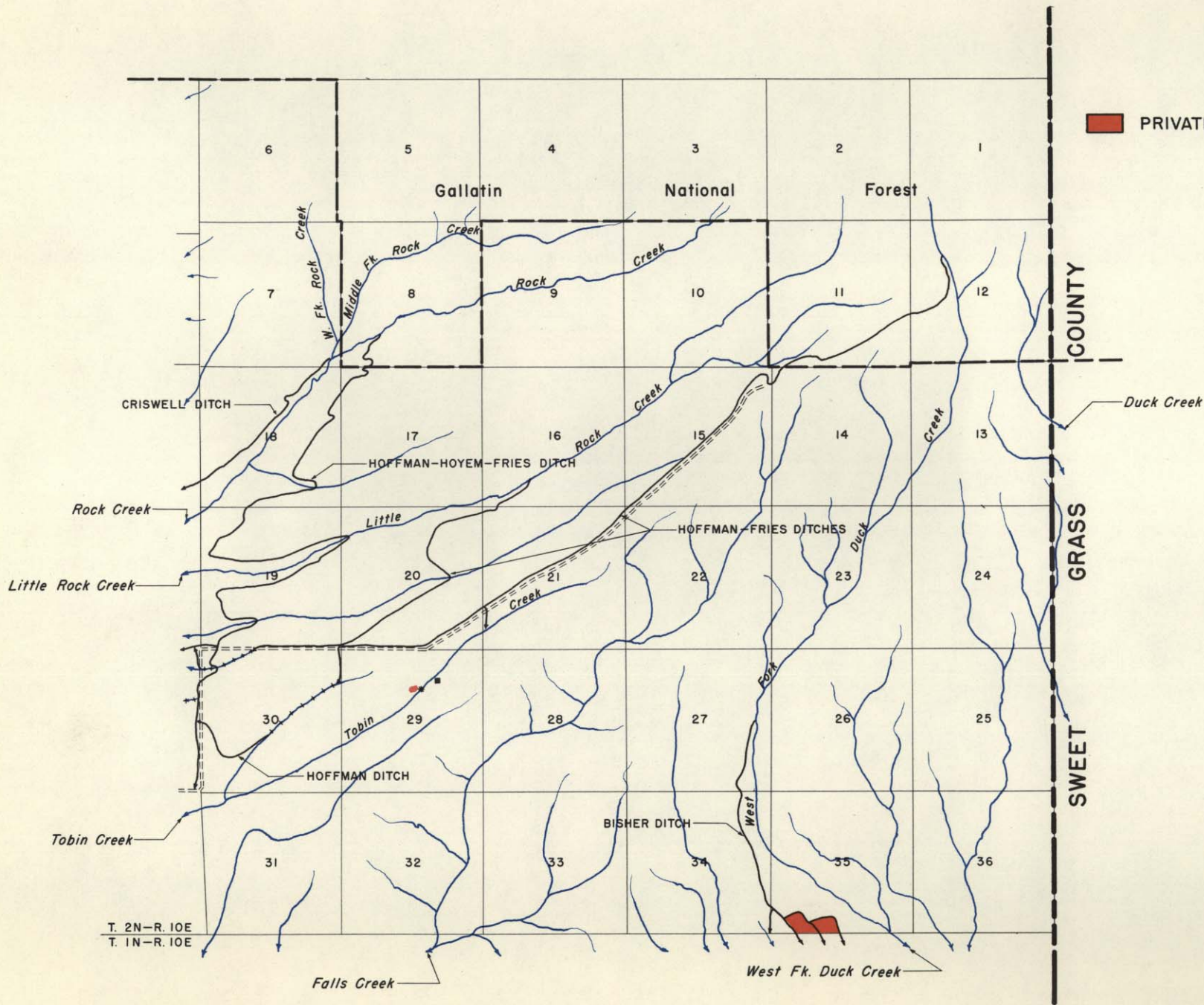
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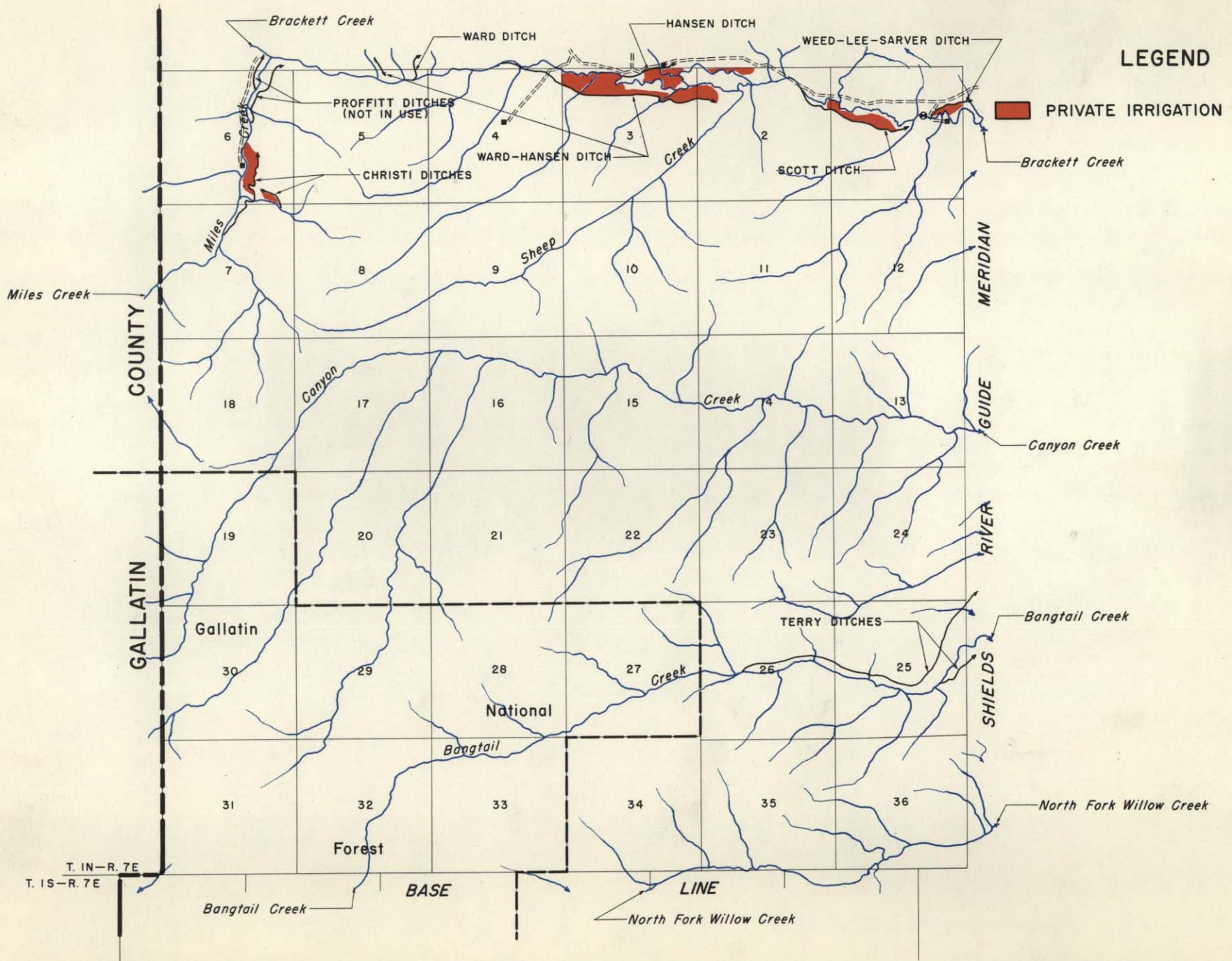


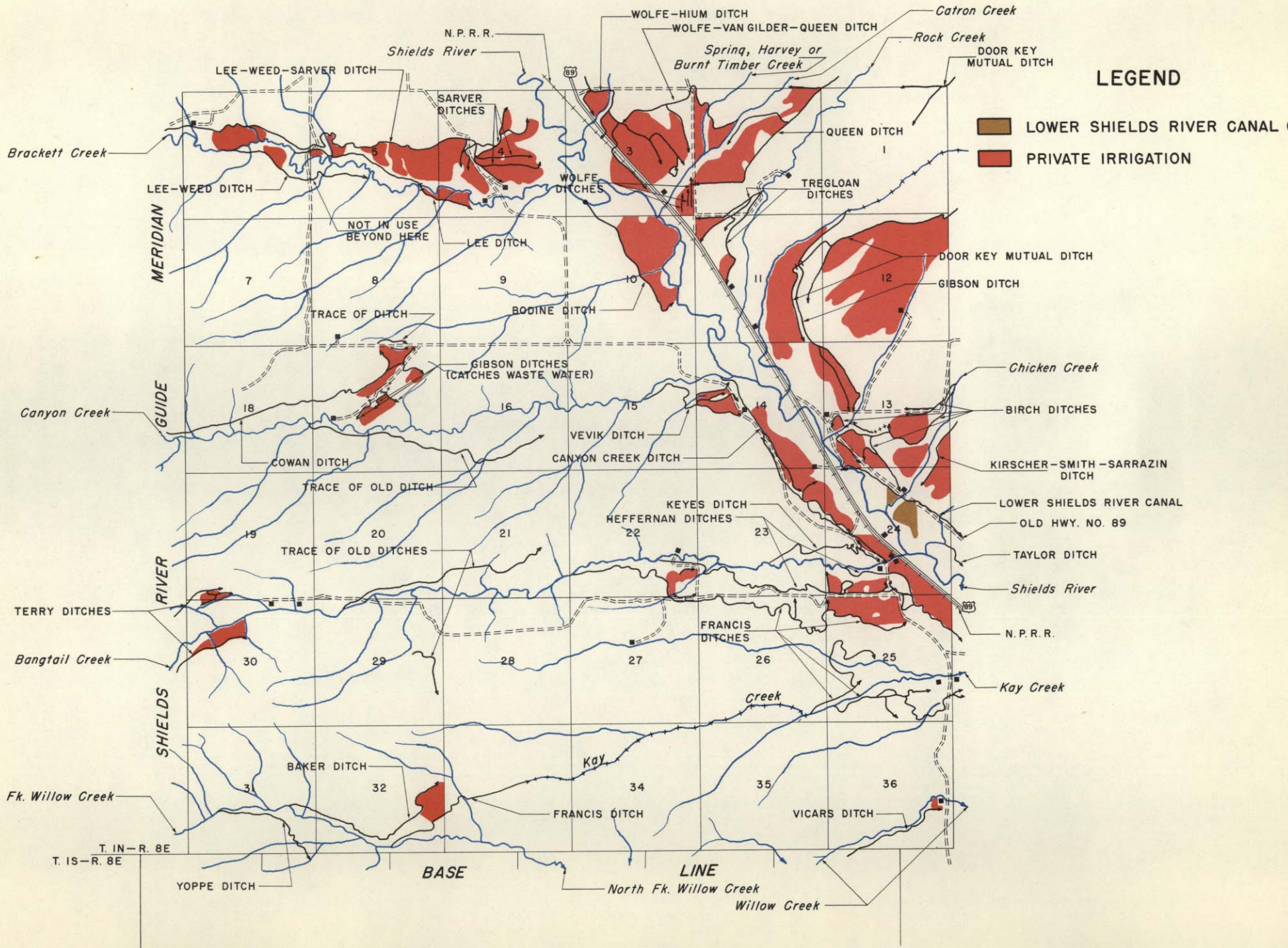


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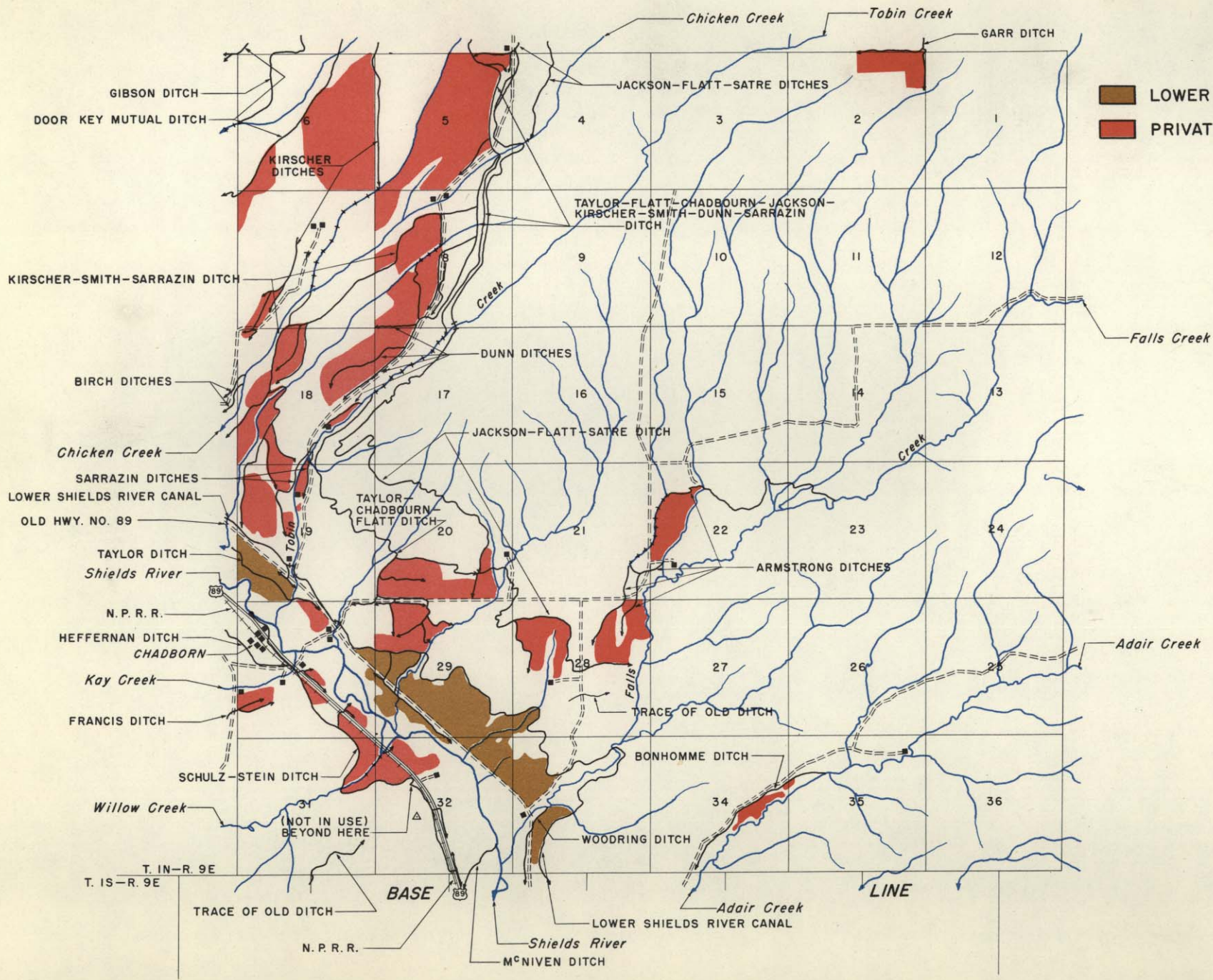






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
- LOWER SHIELDS RIVER CANAL
- PRIVATE IRRIGATION

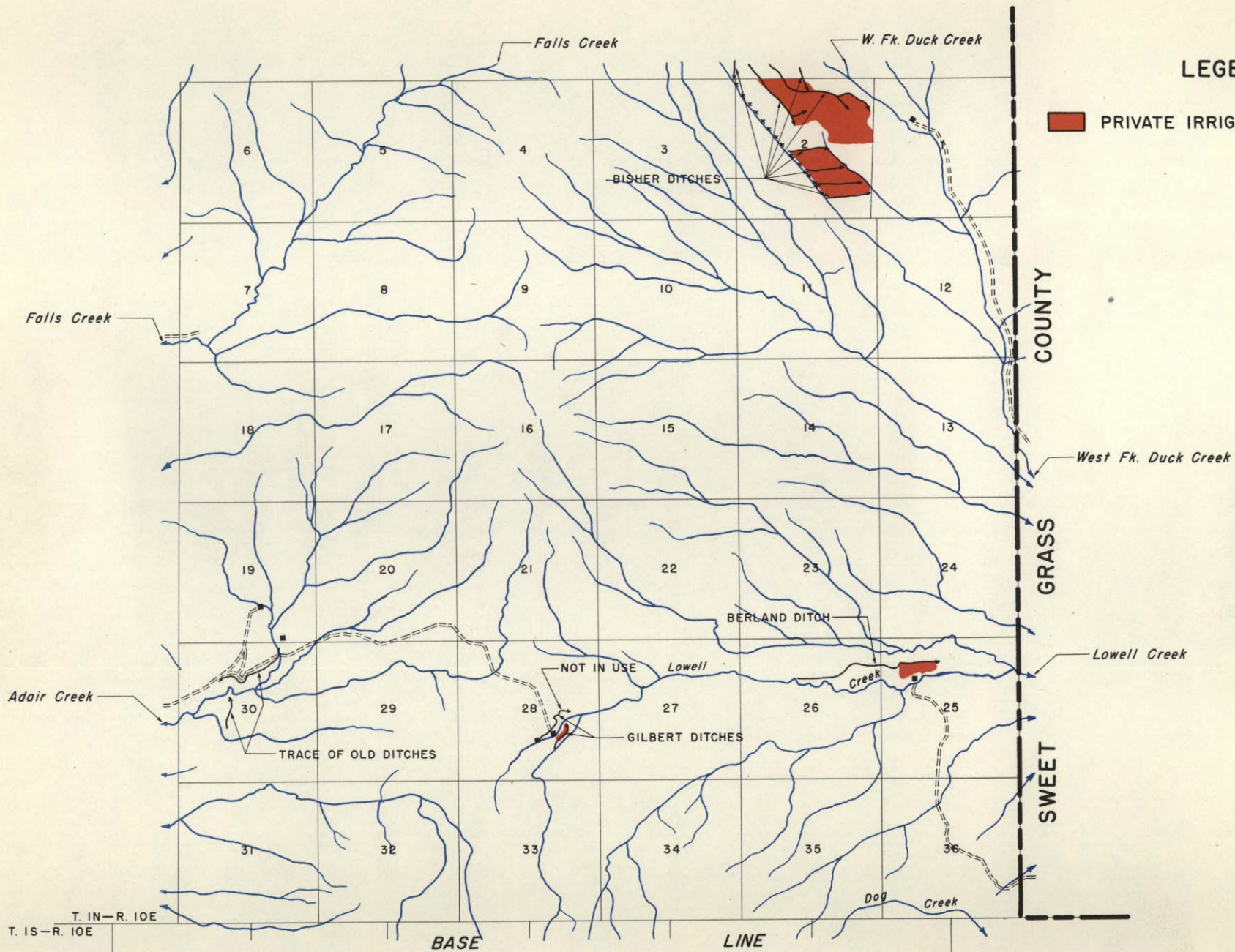


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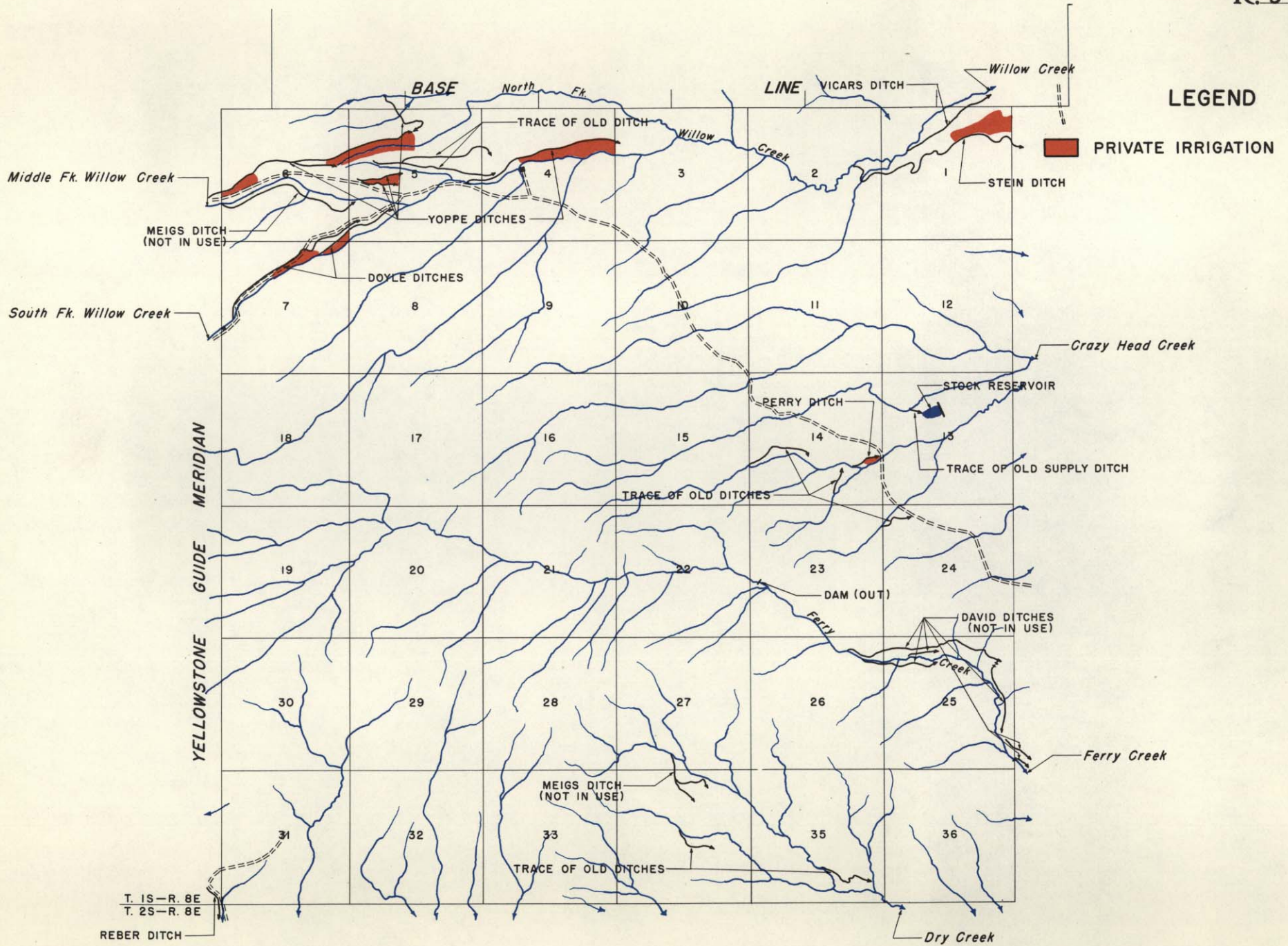
- LOWER SHIELDS RIVER CANAL CO
- PRIVATE IRRIGATION

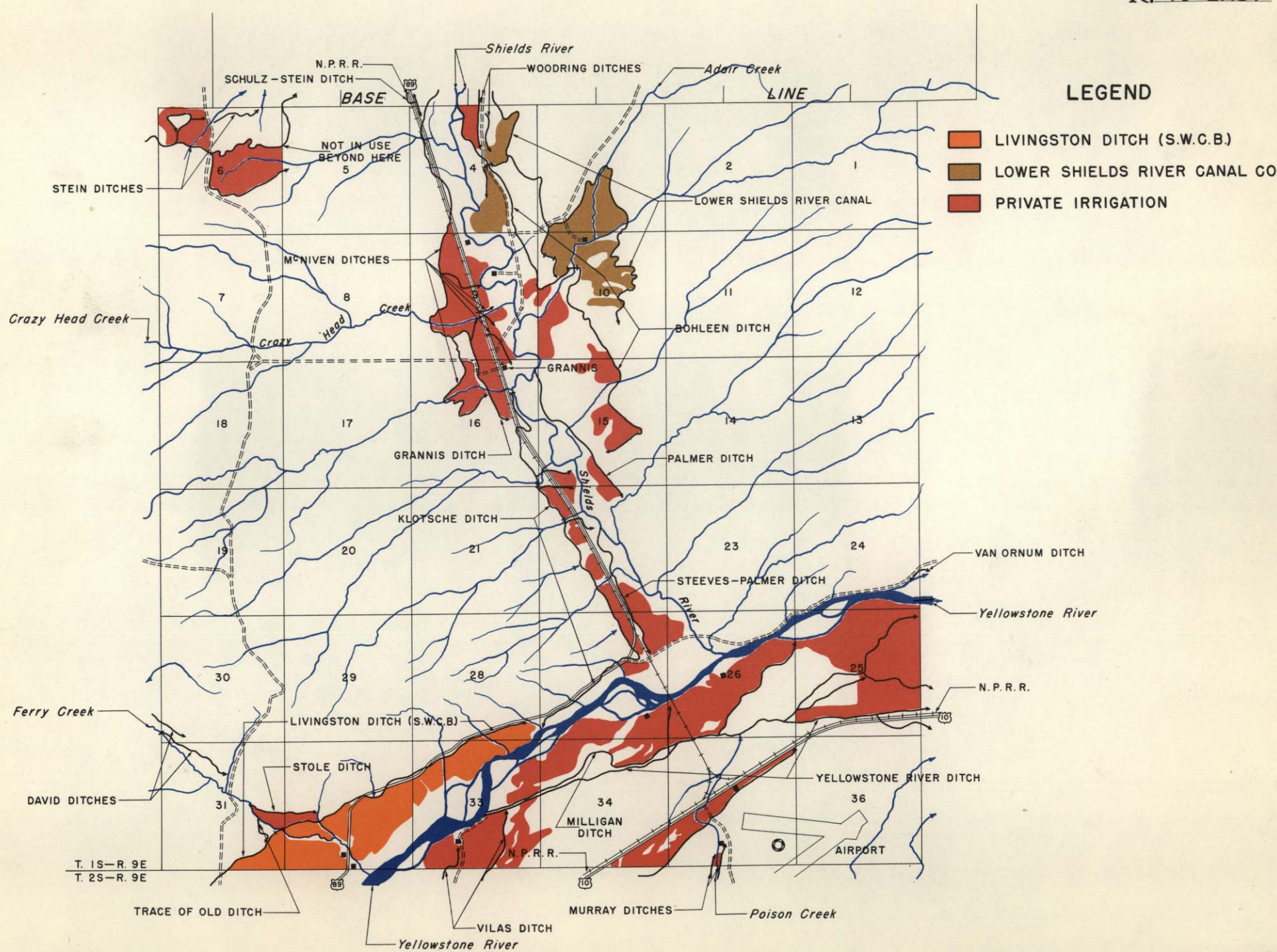
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 PRIVATE IRRIGATION




T. 1N - R. 10E
T. 1S - R. 10E

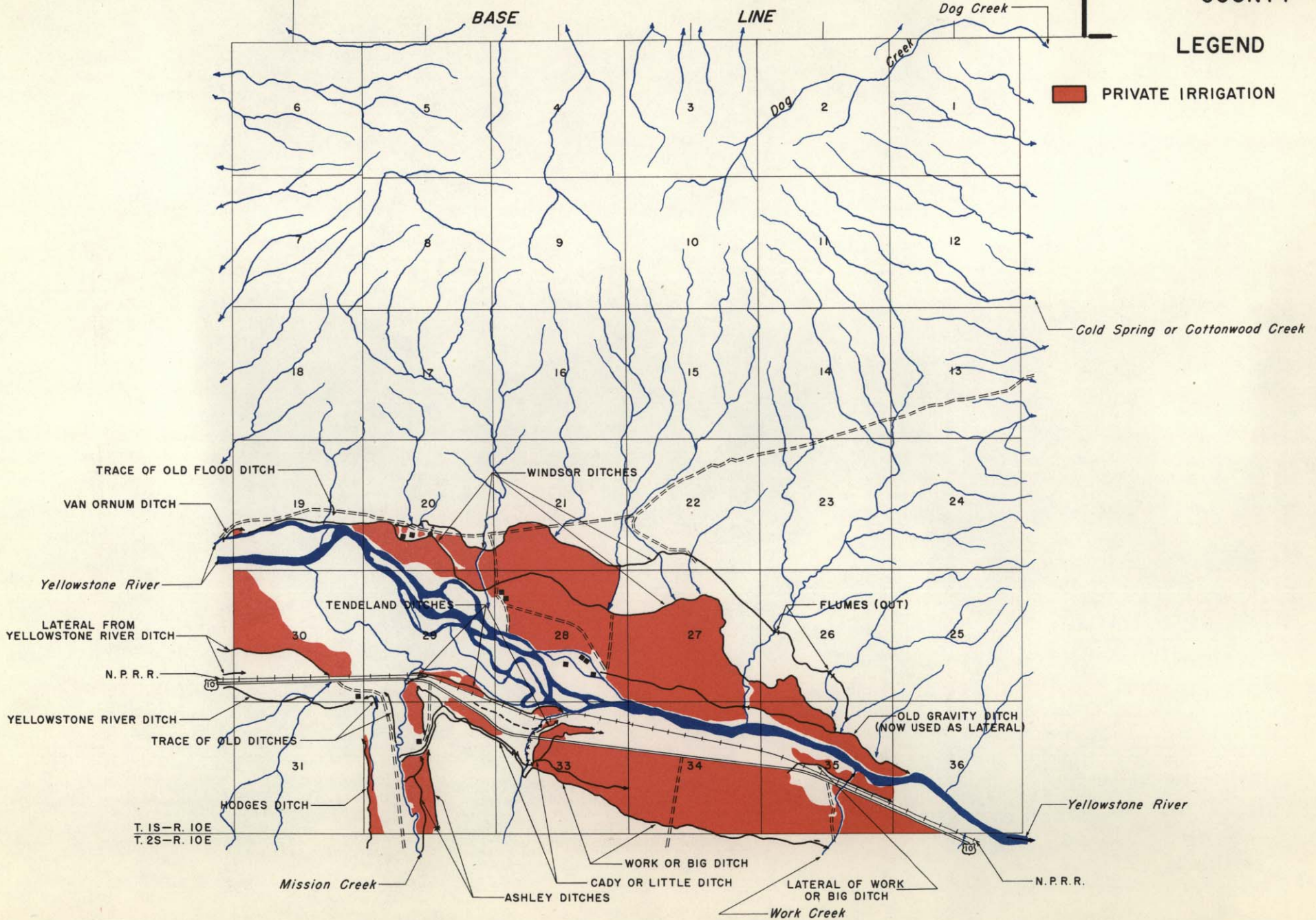




SWEET GRASS
COUNTY

LEGEND

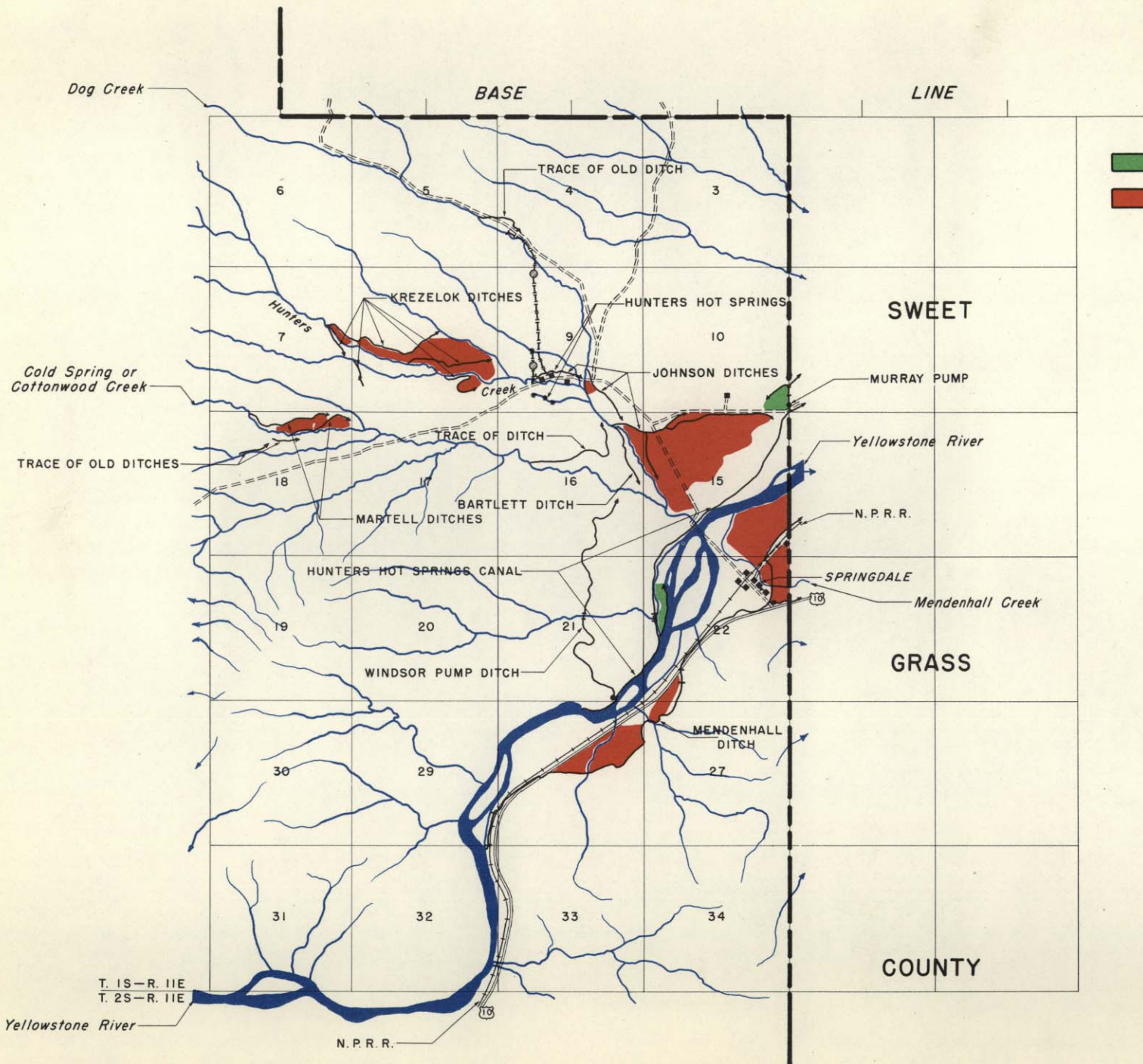
 PRIVATE IRRIGATION



T. 1S-R. 10E
T. 2S-R. 10E

LEGEND

- HUNTERS HOT SPRINGS CANAL
- PRIVATE IRRIGATION



SWEET

GRASS

COUNTY

T. 1S-R. 11E
T. 2S-R. 11E

N. P. R. R.

SPRINGDALE

MURRAY PUMP

Yellowstone River

N. P. R. R.

Mendenhall Creek

MENDENHALL DITCH

WINDSOR PUMP DITCH

HUNTERS HOT SPRINGS CANAL

MARTELL DITCHES

BARTLETT DITCH

TRACE OF DITCH

JOHNSON DITCHES

HUNTERS HOT SPRINGS

KREZELOK DITCHES

TRACE OF OLD DITCH

BASE

LINE

Dog Creek

6

5

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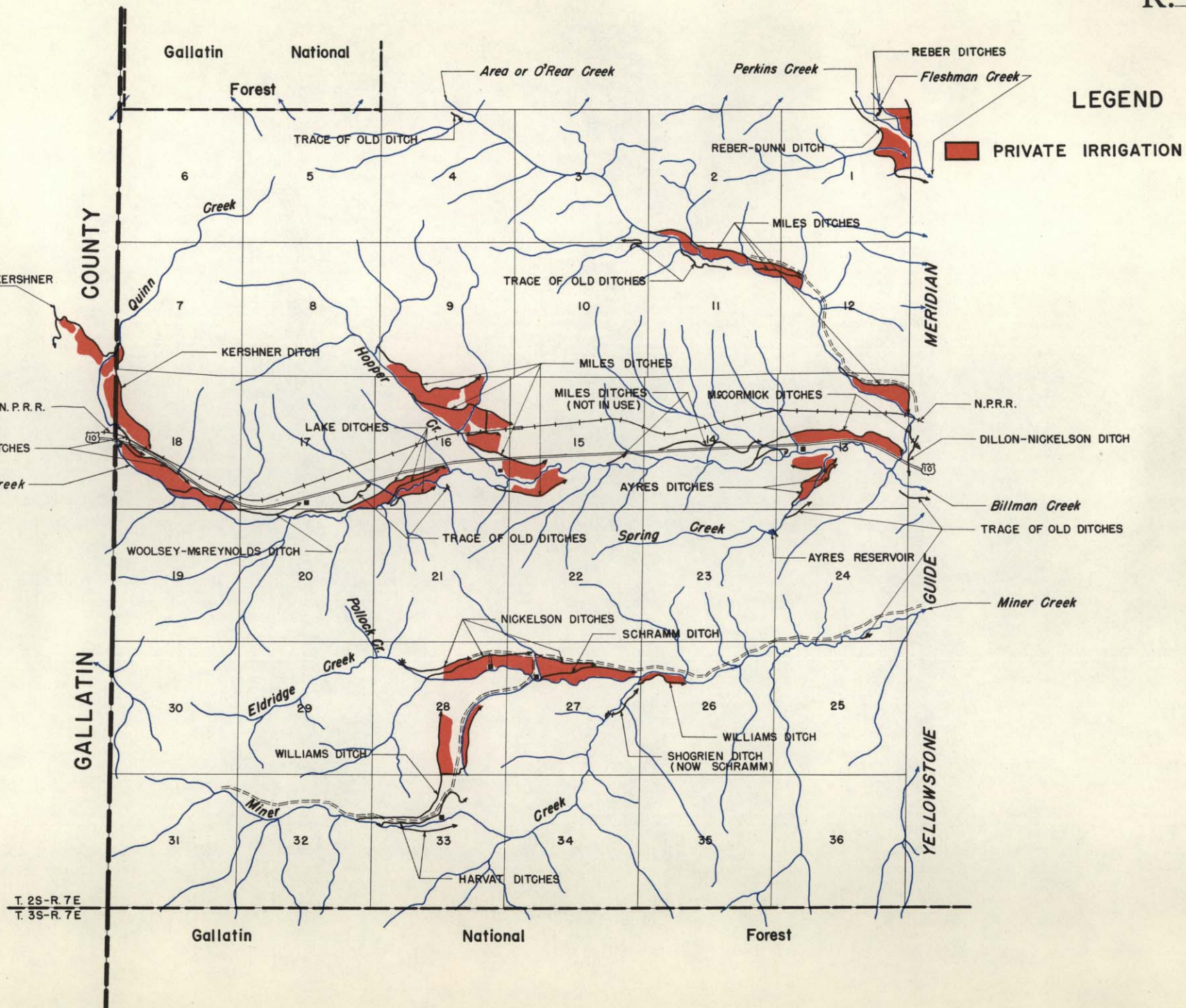
33

34

Cold Spring or Cottonwood Creek

TRACE OF OLD DITCHES

Yellowstone River



LEGEND

PRIVATE IRRIGATION

COUNTY

GALLATIN

MERCIDIAN

GUIDE

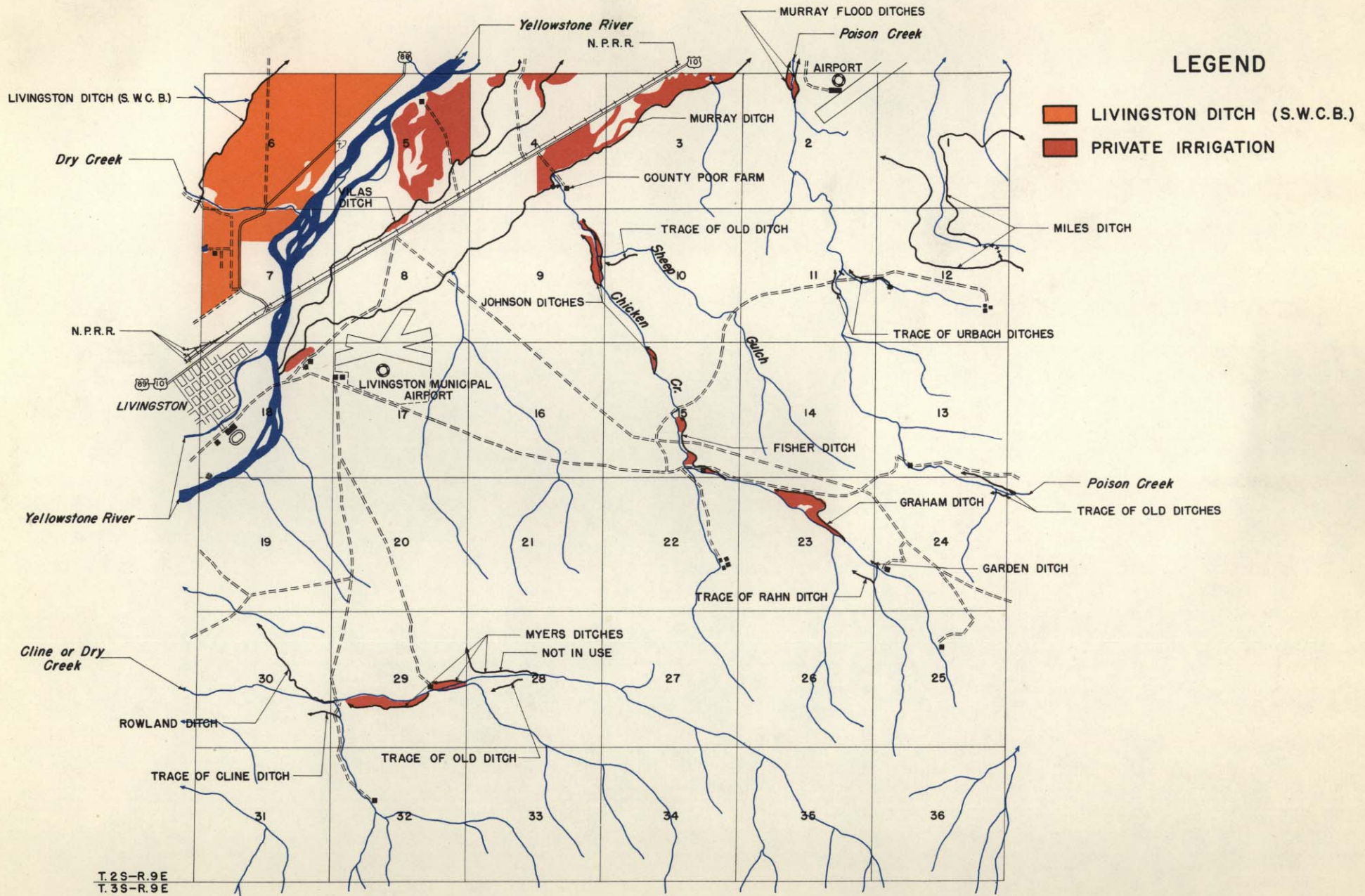
YELLOWSTONE

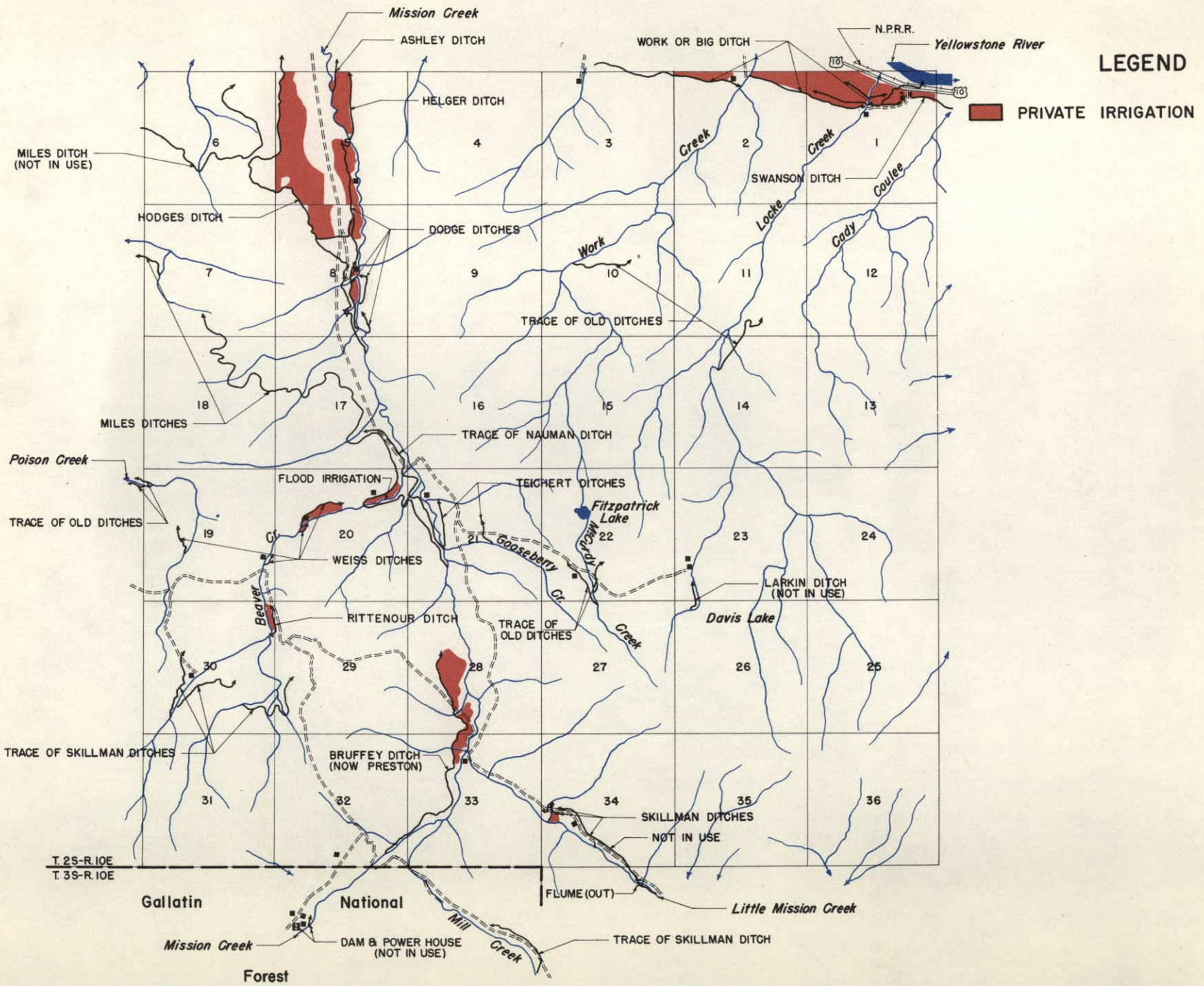
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T. 3S-R. 7E

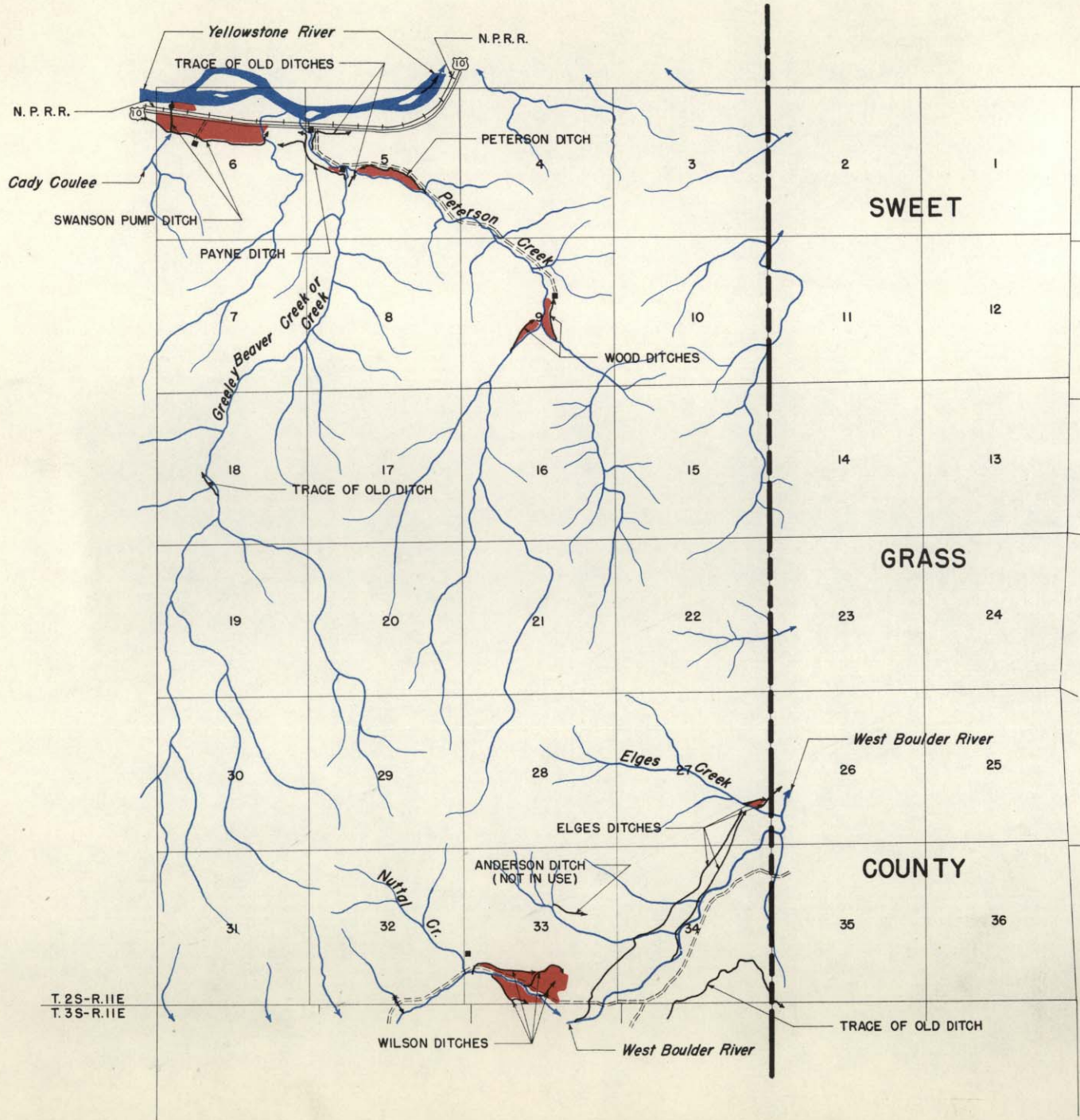
Gallatin

National

Forest



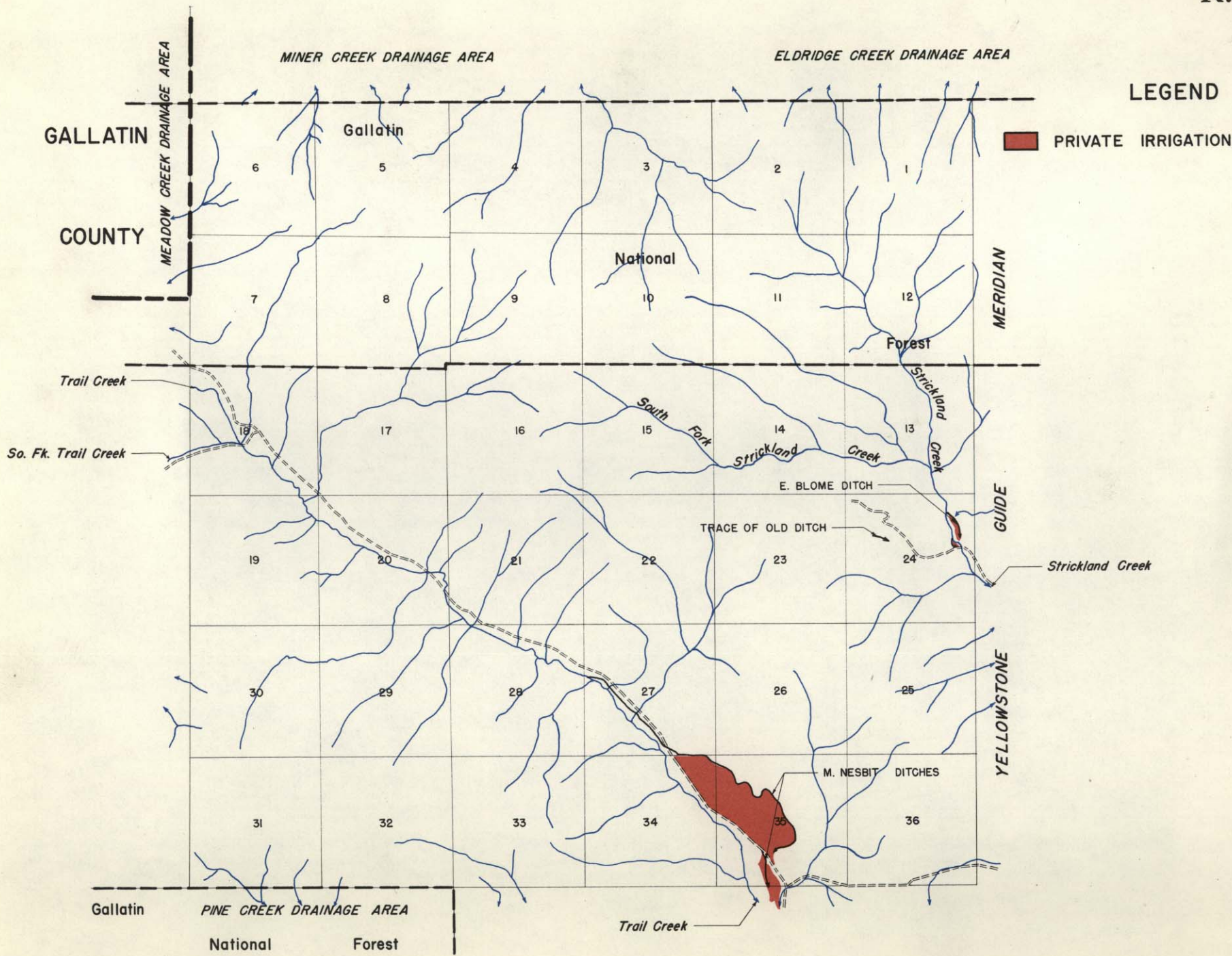




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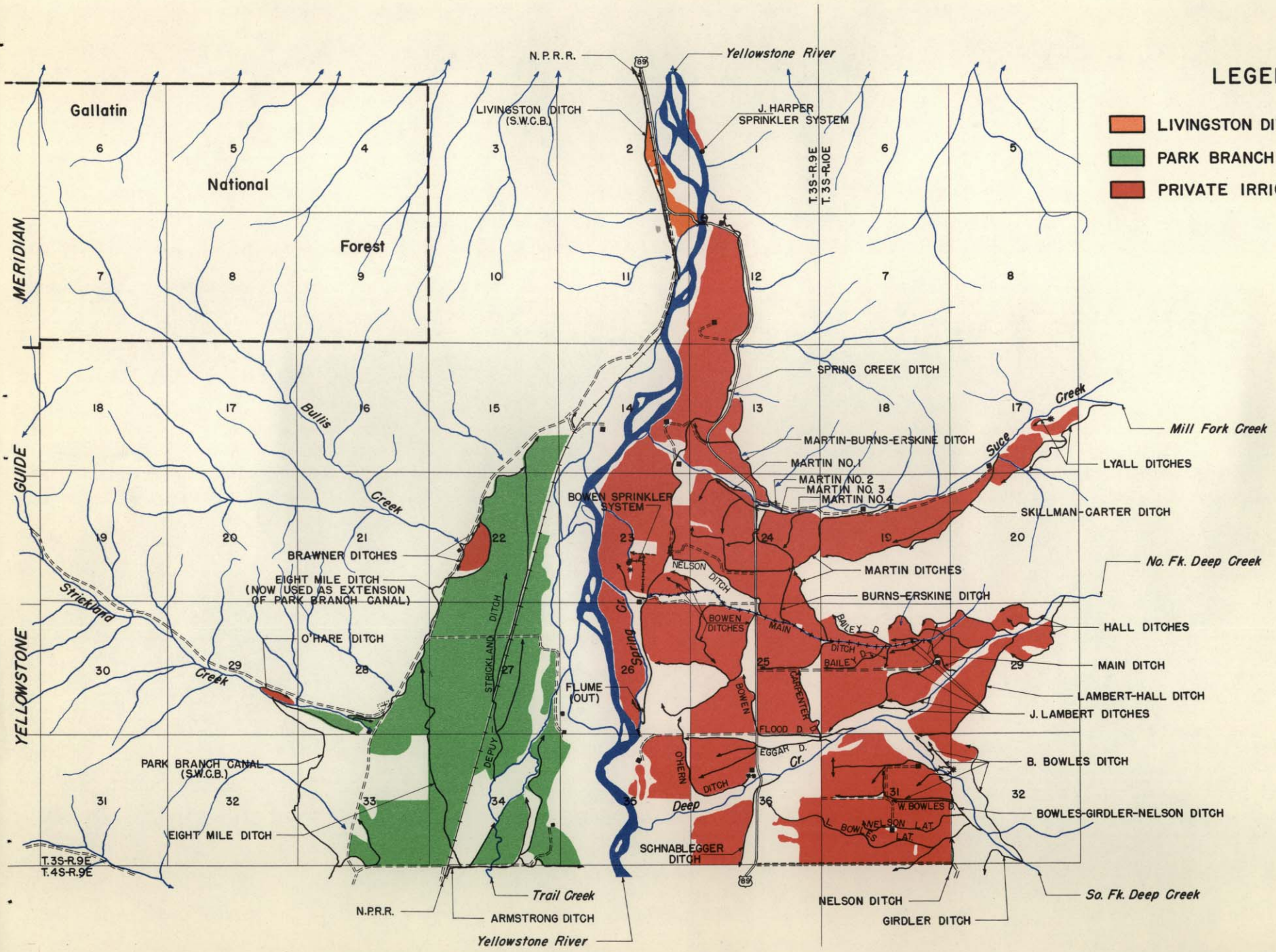
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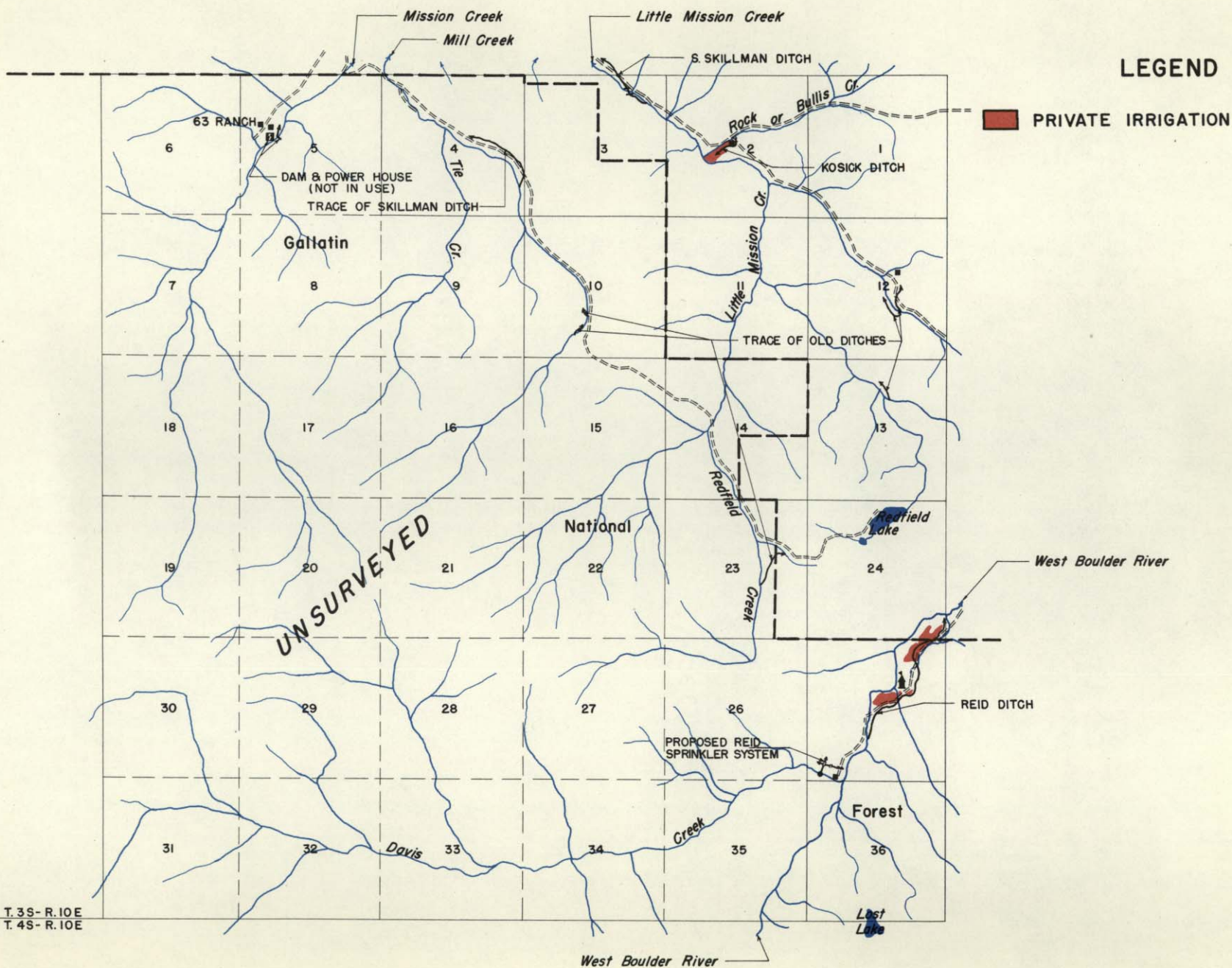
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T. 3S-R.11E

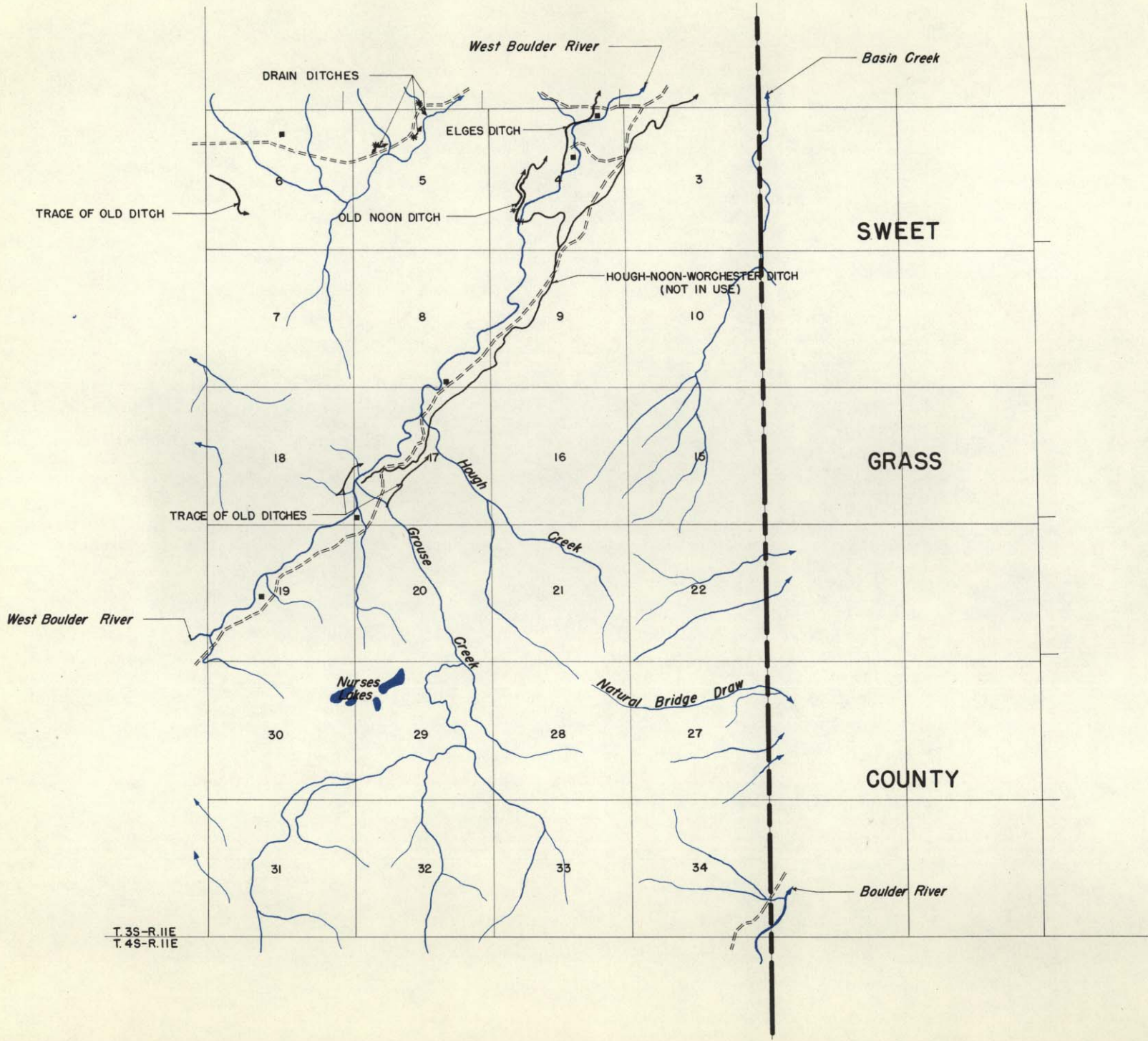


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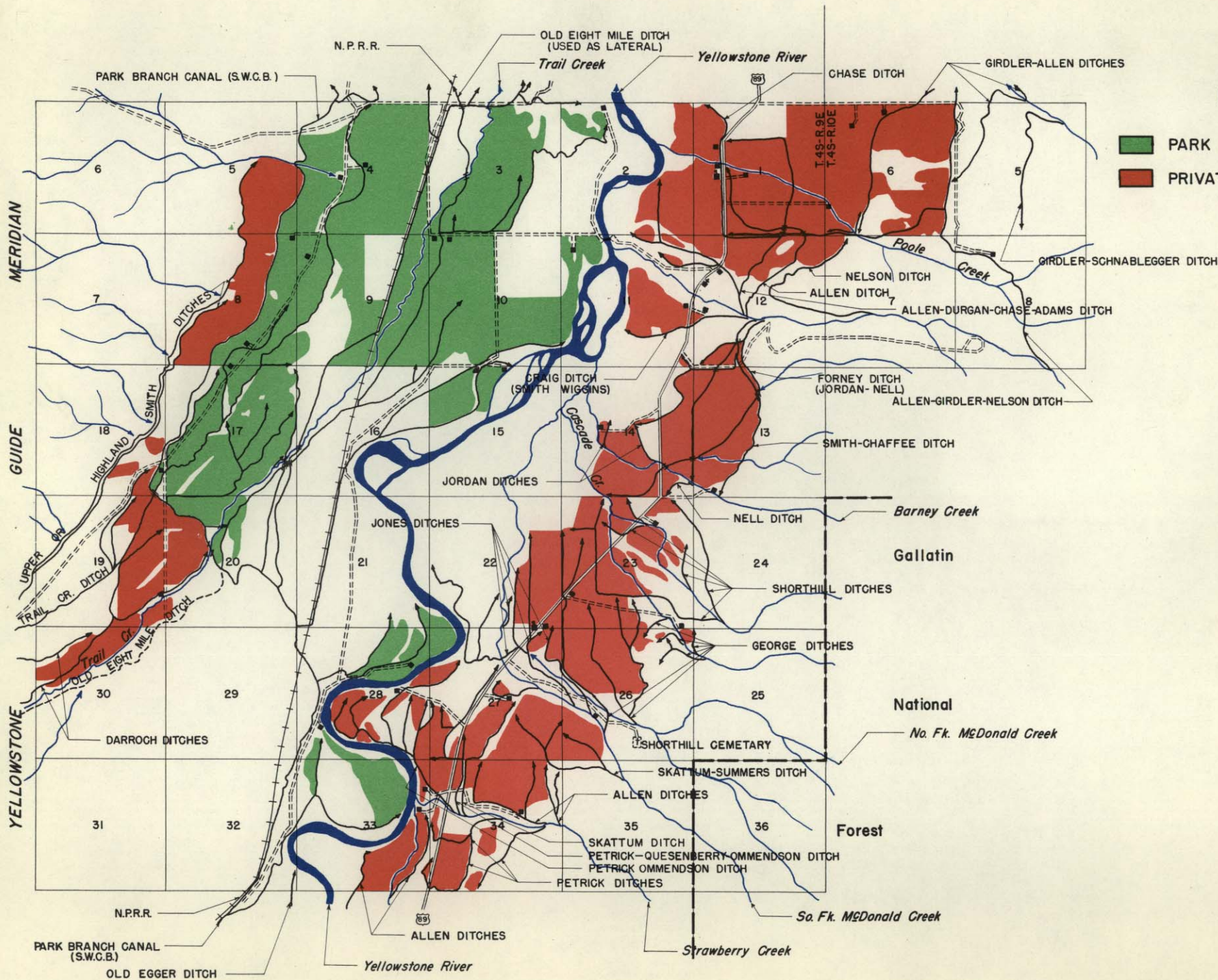
- LIVINGSTON DITCH (S.W.C.B.)
- PARK BRANCH CANAL (S.W.C.B.)
- PRIVATE IRRIGATION





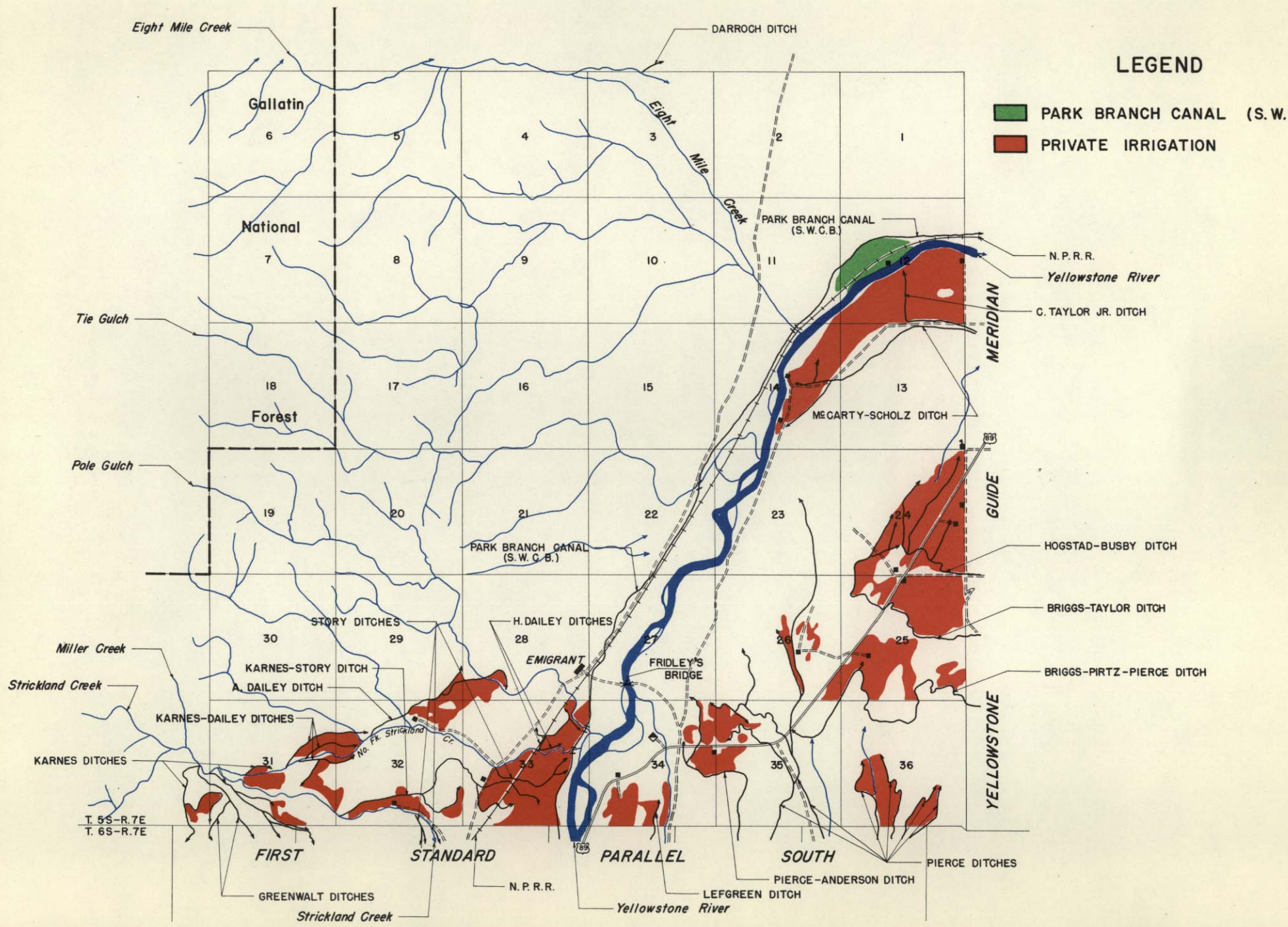


T. 3S-R. 12E
T. 4S-R. 12E



LEGEND

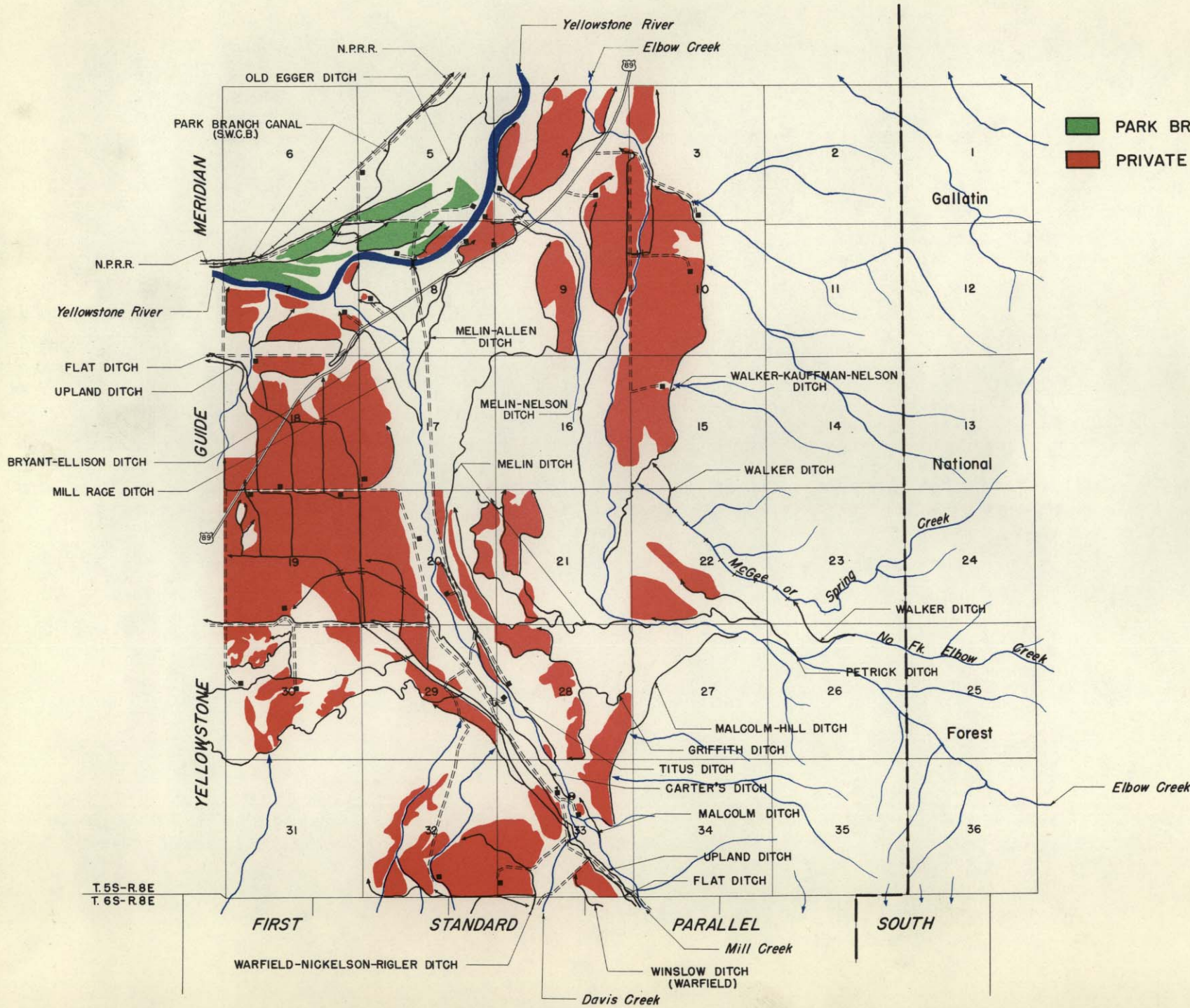
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- PRIVATE IRRIGATION



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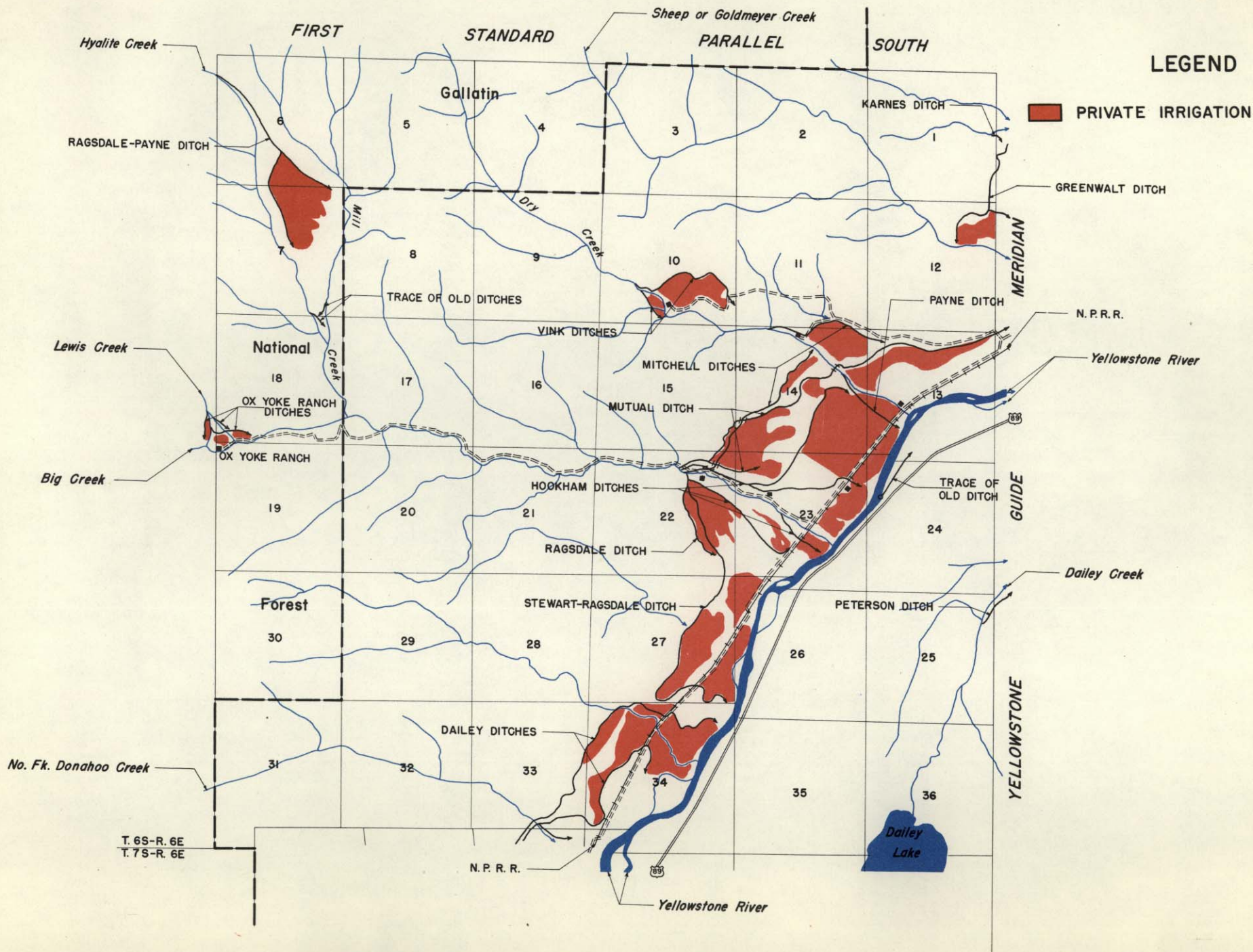
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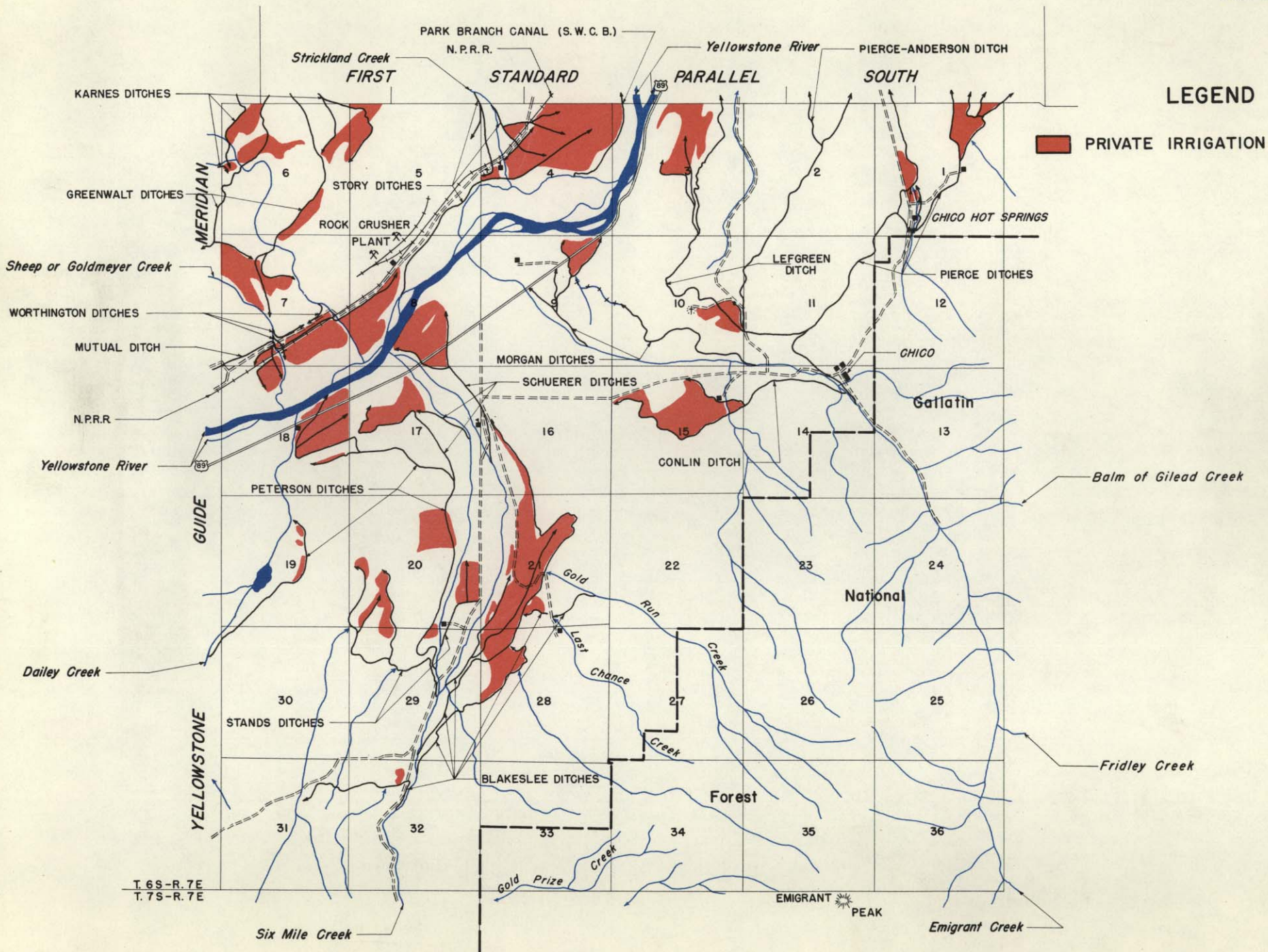
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T. 6S-R. 7E

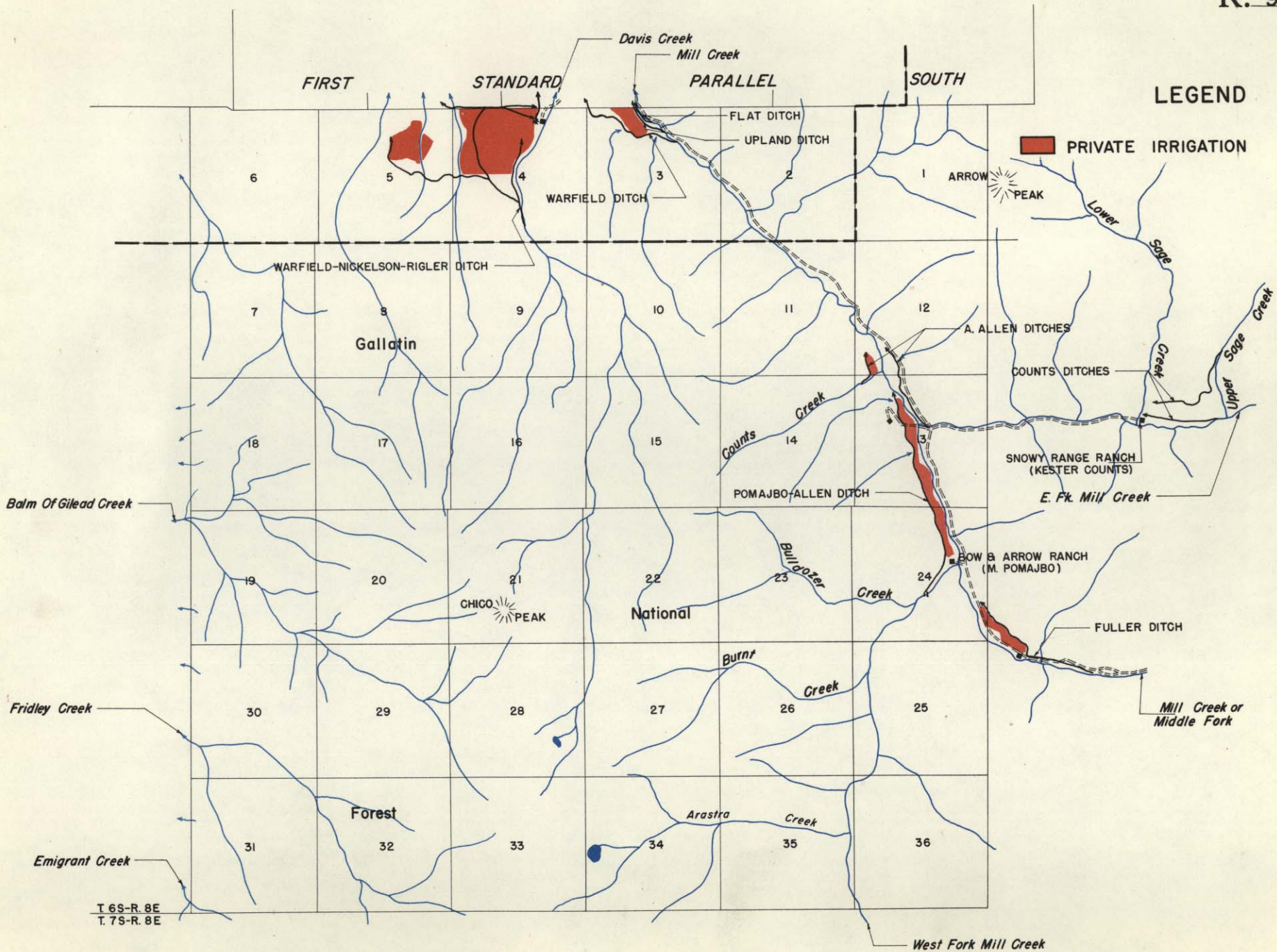


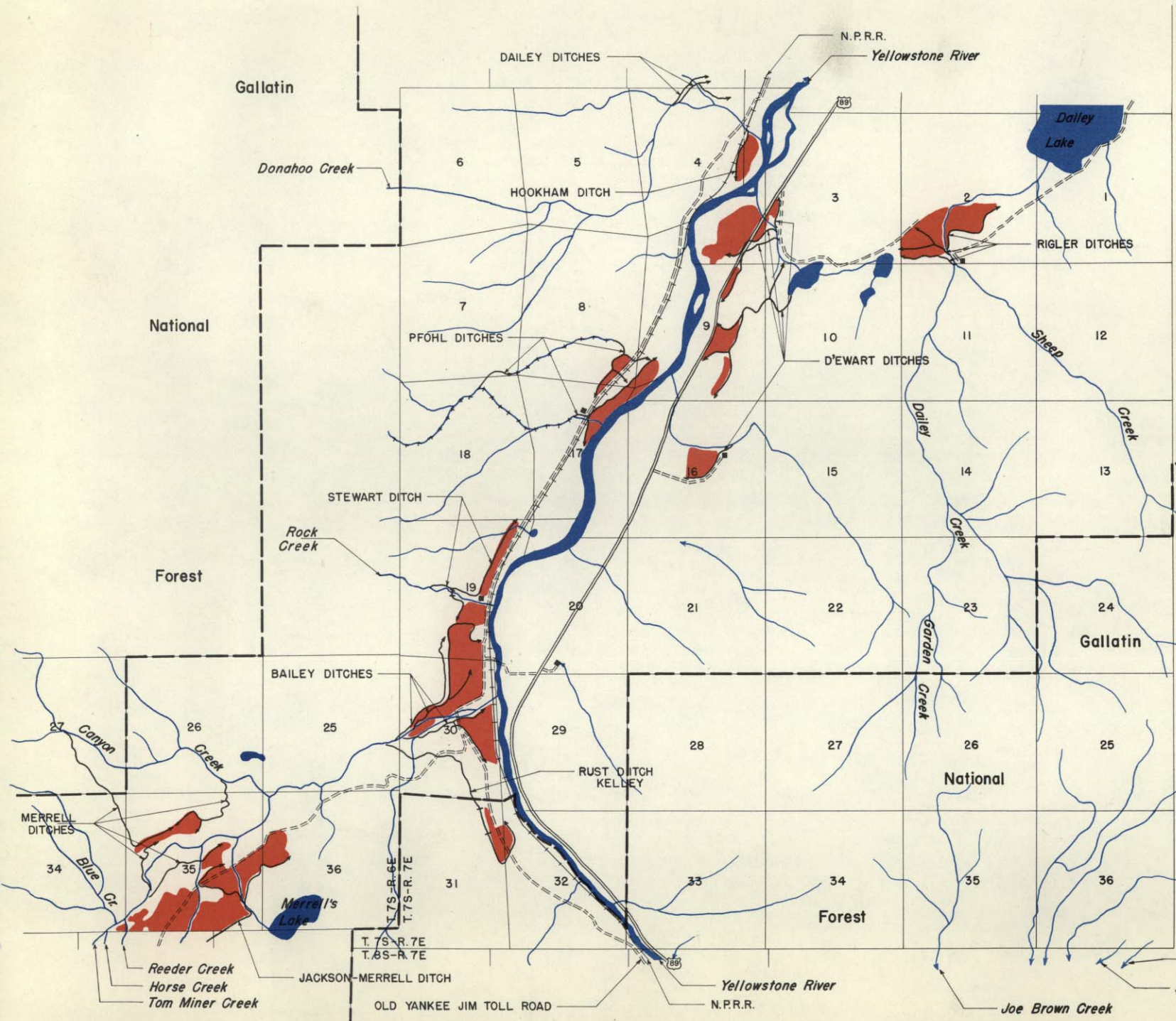
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- PARK BRANCH CANAL (S.W.C.B.)
- PRIVATE IRRIGATION



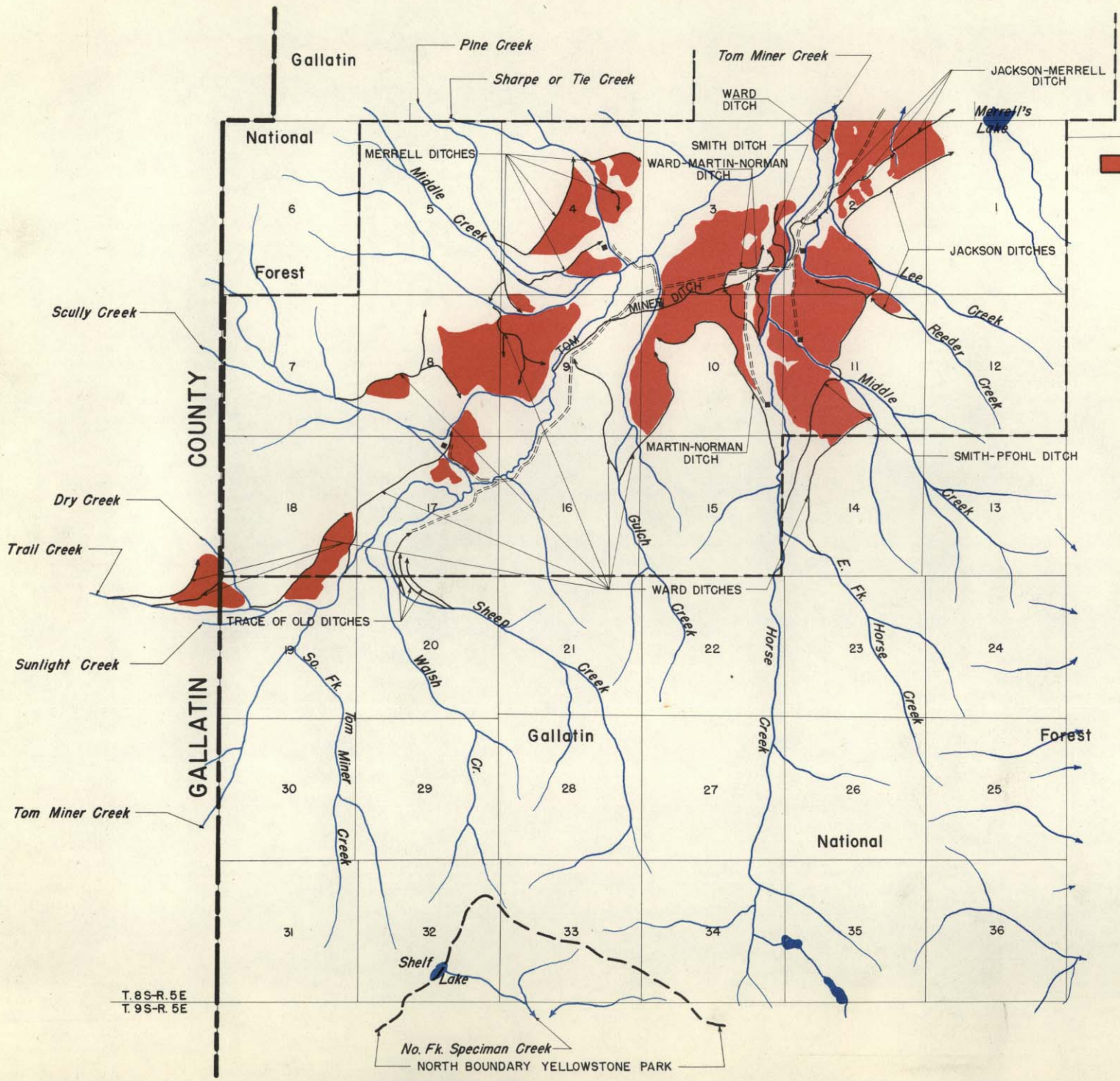






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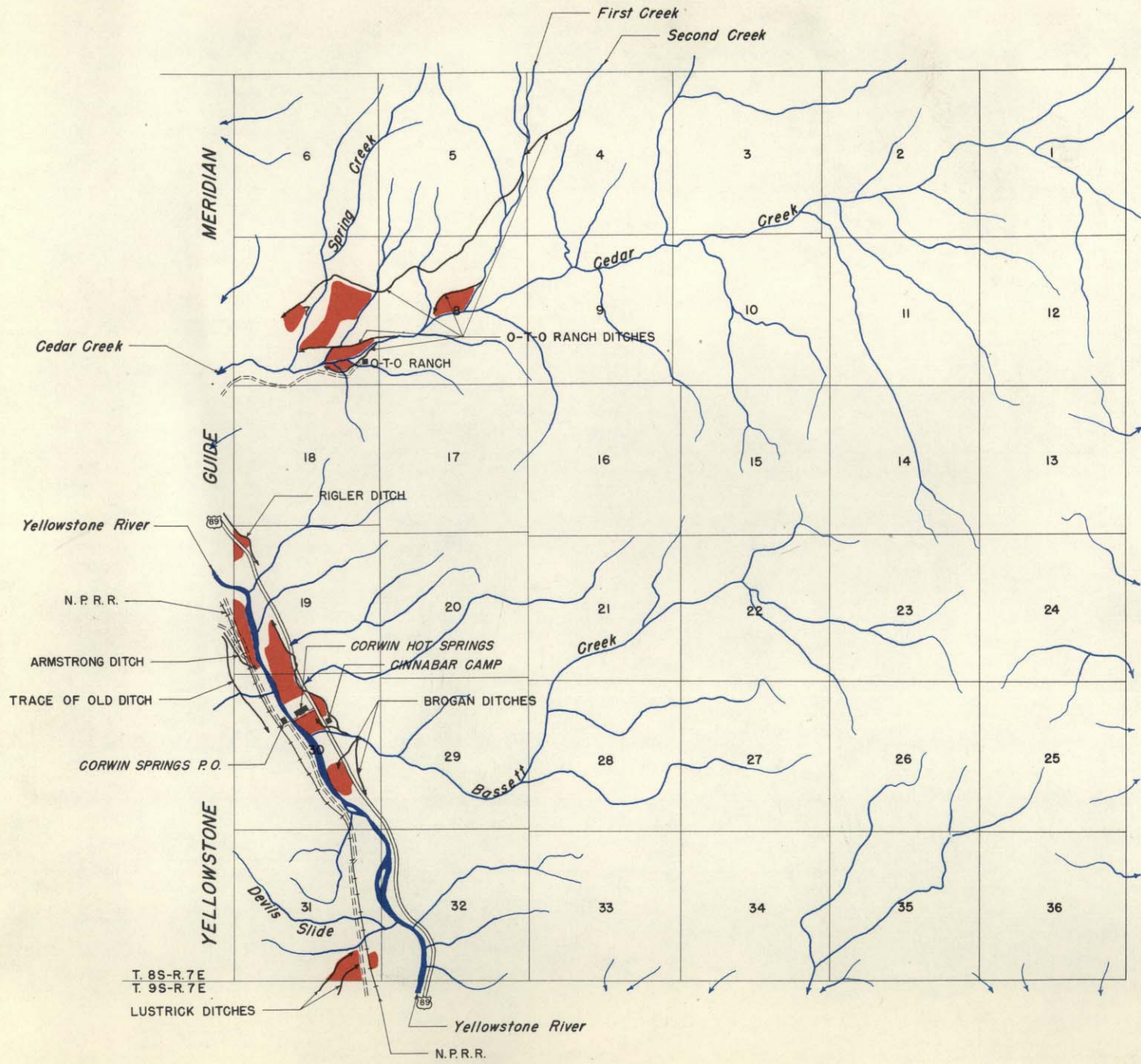


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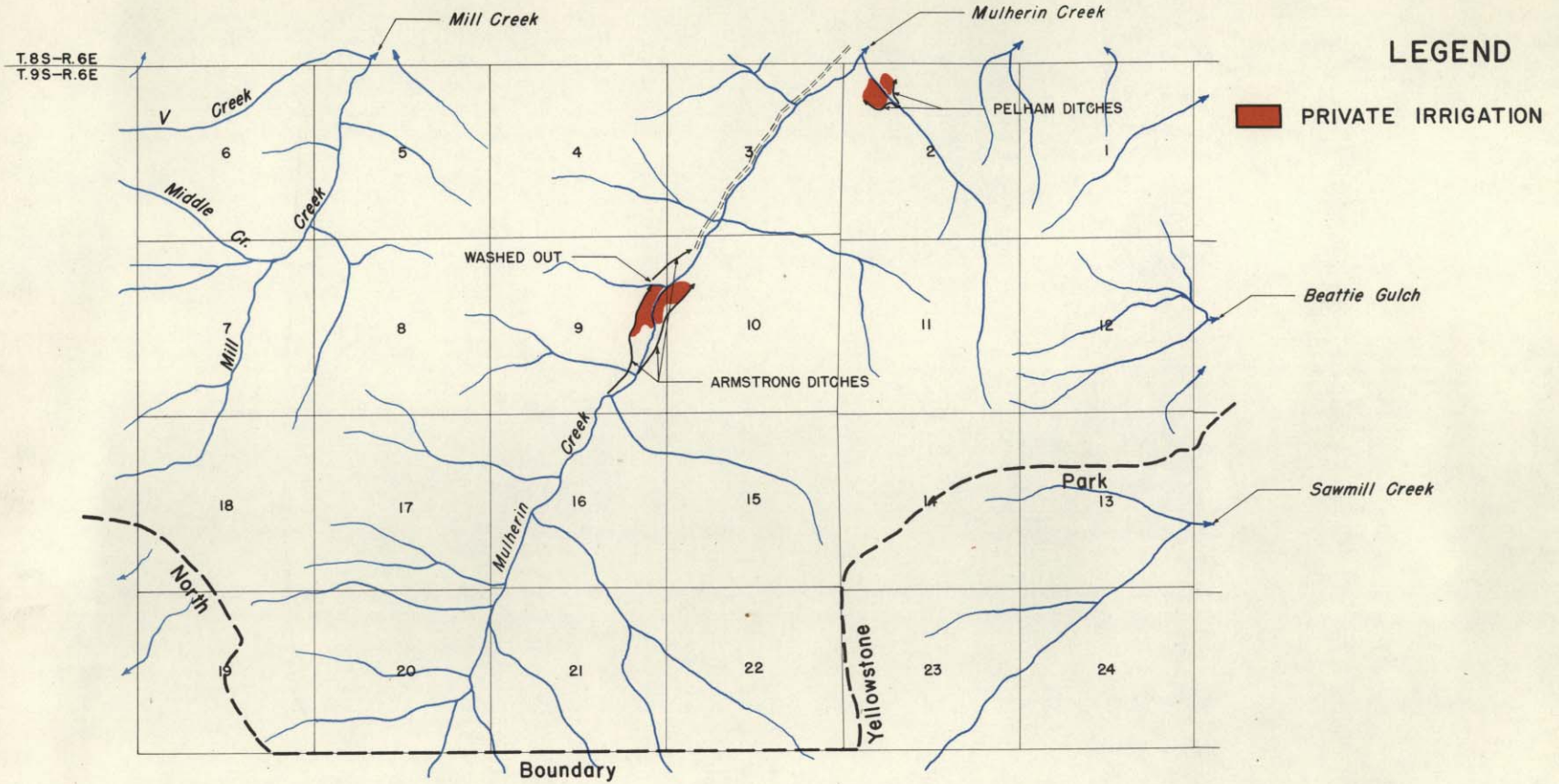
■ PRIVATE IRRIGATION

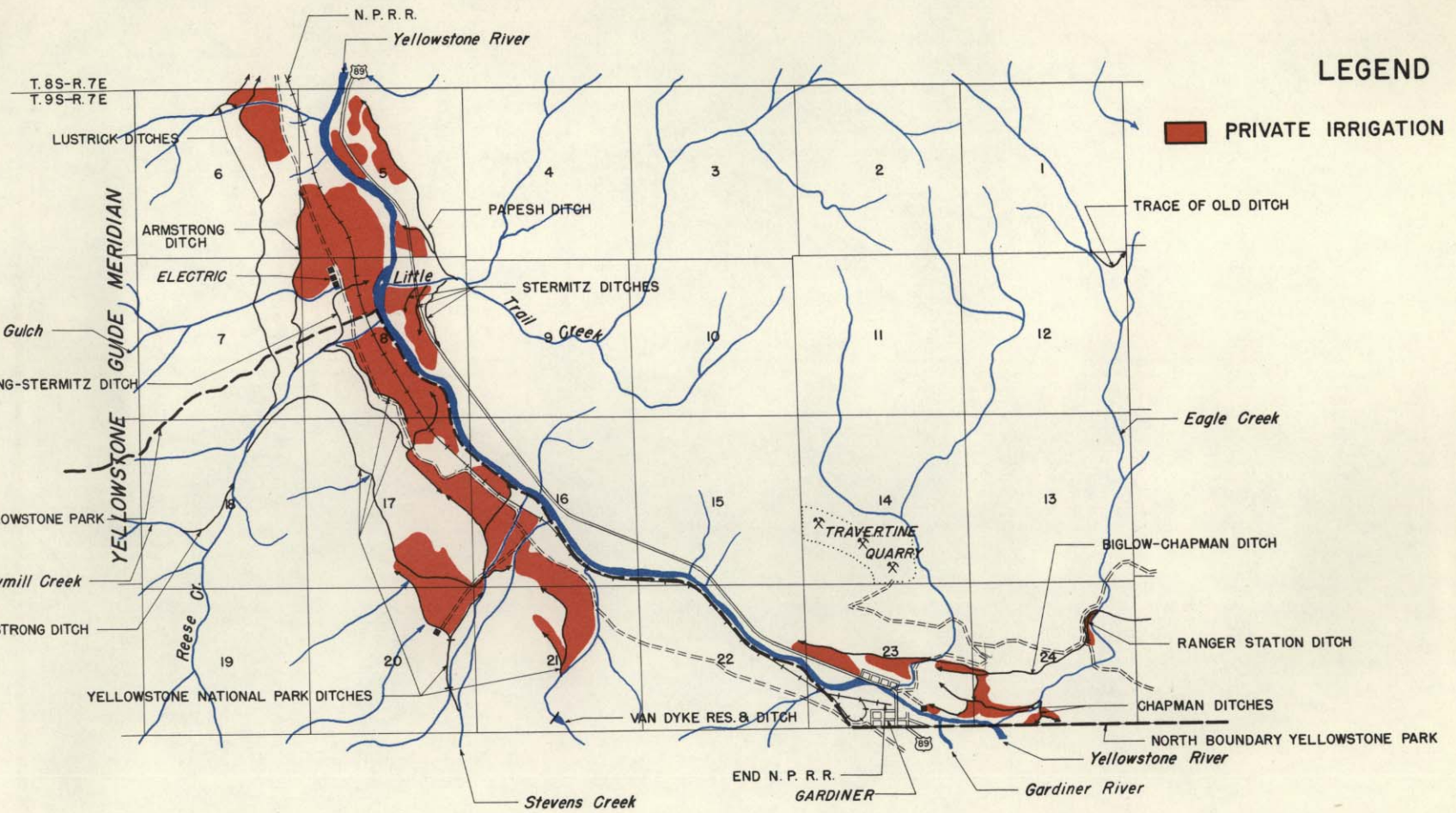
LEGEND

PRIVATE IRRIGATION



T. 8S-R. 7E
T. 9S-R. 7E





LEGEND

PRIVATE IRRIGATION

TRACE OF OLD DITCH

Eagle Creek

BIGLOW-CHAPMAN DITCH

RANGER STATION DITCH

CHAPMAN DITCHES

NORTH BOUNDARY YELLOWSTONE PARK

Yellowstone River

Gardiner River

END N. P. R. R. GARDINER

Stevens Creek

YELLOWSTONE NATIONAL PARK DITCHES

ARMSTRONG DITCH

Sawmill Creek

NO. BOUNDARY YELLOWSTONE PARK

ARMSTRONG-STERMITZ DITCH

Beattie Gulch

YELLOWSTONE GUIDE MERIDIAN

Reese Cr.

ELECTRIC

ARMSTRONG DITCH

LUSTRICK DITCHES

T. 8S-R. 7E
T. 9S-R. 7E

N. P. R. R.

Yellowstone River

89

Little Trail Creek

STERMITZ DITCHES

PAPESH DITCH

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89

