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FISHERIES DIV. FILE
HELENA, MONT.

RECORDS
MANAGEMENT
WRS COPY

Water Resources Survey



Part II:

MAPS SHOWING IRRIGATED AREAS IN COLORS
DESIGNATING THE SOURCES OF SUPPLY

Rosebud County, Montana

Published by

STATE ENGINEER'S OFFICE

Helena, Montana, July, 1948



WATER RESOURCES SURVEY

Rosebud County, Montana

Part II

Maps Showing Irrigated Areas

Hay Cr. GN 38E
Wildcat Cr. GN 41E
Butte Cr. GN 42E

Published by

STATE ENGINEER'S OFFICE

HELENA, MONTANA

JULY, 1948

STATE ENGINEER'S OFFICE

State Engineer - - - - - Fred E. Buck
Assistant - - - - - Gerald J. Oravetz

STATE WATER CONSERVATION BOARD

Governor Sam C. Ford - - - - - Chairman
O. S. Warden - - - - - Vice-Chairman
D. P. Fabrick - - - - - Member
C. H. Raymond - - - - - Member
Fred E. Buck - - - - - Member and Chief Engineer
R. J. Kelly - - - - - Assistant Secretary

**MONTANA STATE AGRICULTURAL
EXPERIMENT STATION**

O. W. Monson - - - - - Irrigation Engineer and Consultant

FISH & GAME DEPT.
FISHERIES DIV. FILE
HELENA, MONT.

July, 1948

Hon. Sam C. Ford
Capitol Building
Helena, Montana

Dear Governor Ford:

Submitted herewith is a consolidated report on the Water Resources Survey of Rosebud County, Montana. This work is being carried on by funds made available to the State Engineer by the Thirtieth Legislative Session, 1947, and in cooperation with the State Water Conservation Board.

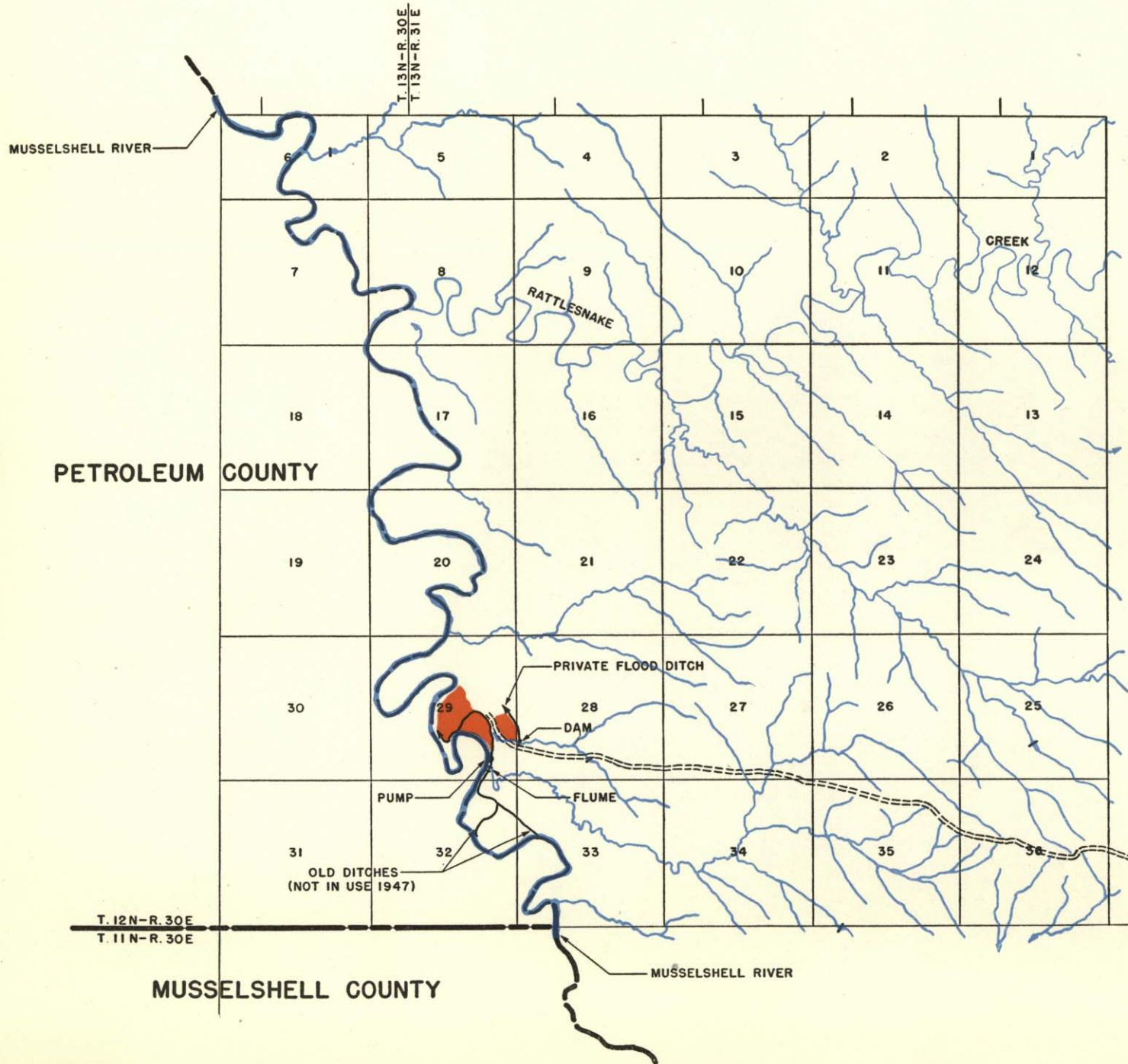
The report is divided into two booklets—part one consisting of the history of land and water use, irrigated lands, water rights, etc., while part two contains all of the township maps showing in color the lands irrigated from each canal.

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.





Mr. Gerald J. Oravetz, Assistant State Engineer, has directed the detail office and field work of this project and is entitled to much credit for the excellent accomplishment.

Respectfully submitted,

FRED E. BUCK,
State Engineer.



LEGEND

-  PRIVATE DITCHES
-  CANALS OR DITCHES
-  COUNTY ROADS
-  RESERVOIRS





PETROLEUM COUNTY

MUSSELSHELL COUNTY

PETROLEUM COUNTY

MUSSELSHELL RIVER

LEGEND

-  PRIVATE DITCHES
-  CANALS OR DITCHES
-  COUNTY ROADS
-  RESERVOIRS

PROPOSED SOUTHSIDE CANAL

6

5

4

3

2

1

7

8

9

10

11

12

PROPOSED RIVER SIPHON

18

17

15

14

13

MUSSELSHELL

STENSVAD FLOOD DITCH

COUNTY

19

20

21

23

24

30

29

28

27

26

25

PRIVATE FLOOD DIKE

31

32

33

34

35

36

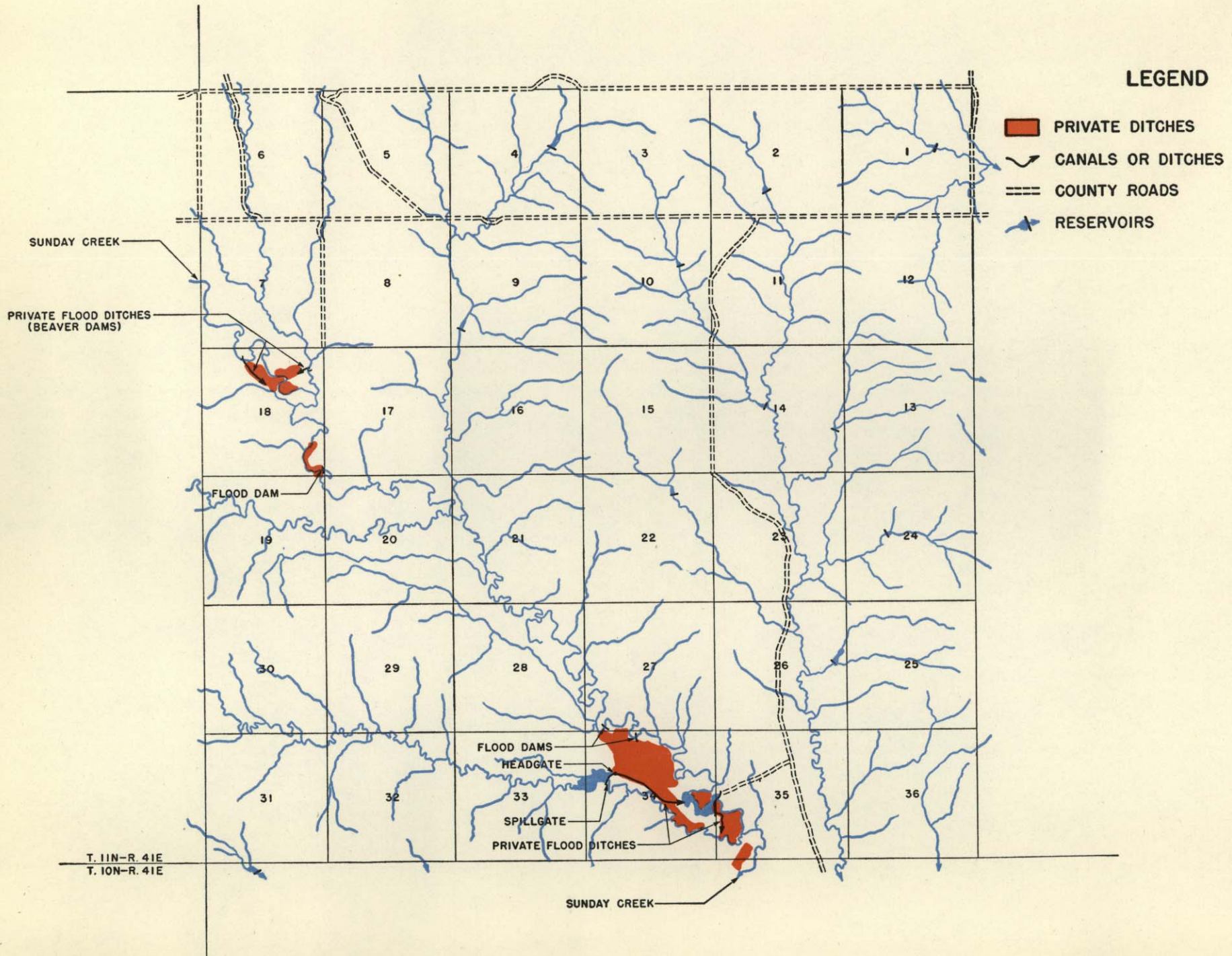
PRIVATE FLOOD DITCH
(NOT IN USE 1947)

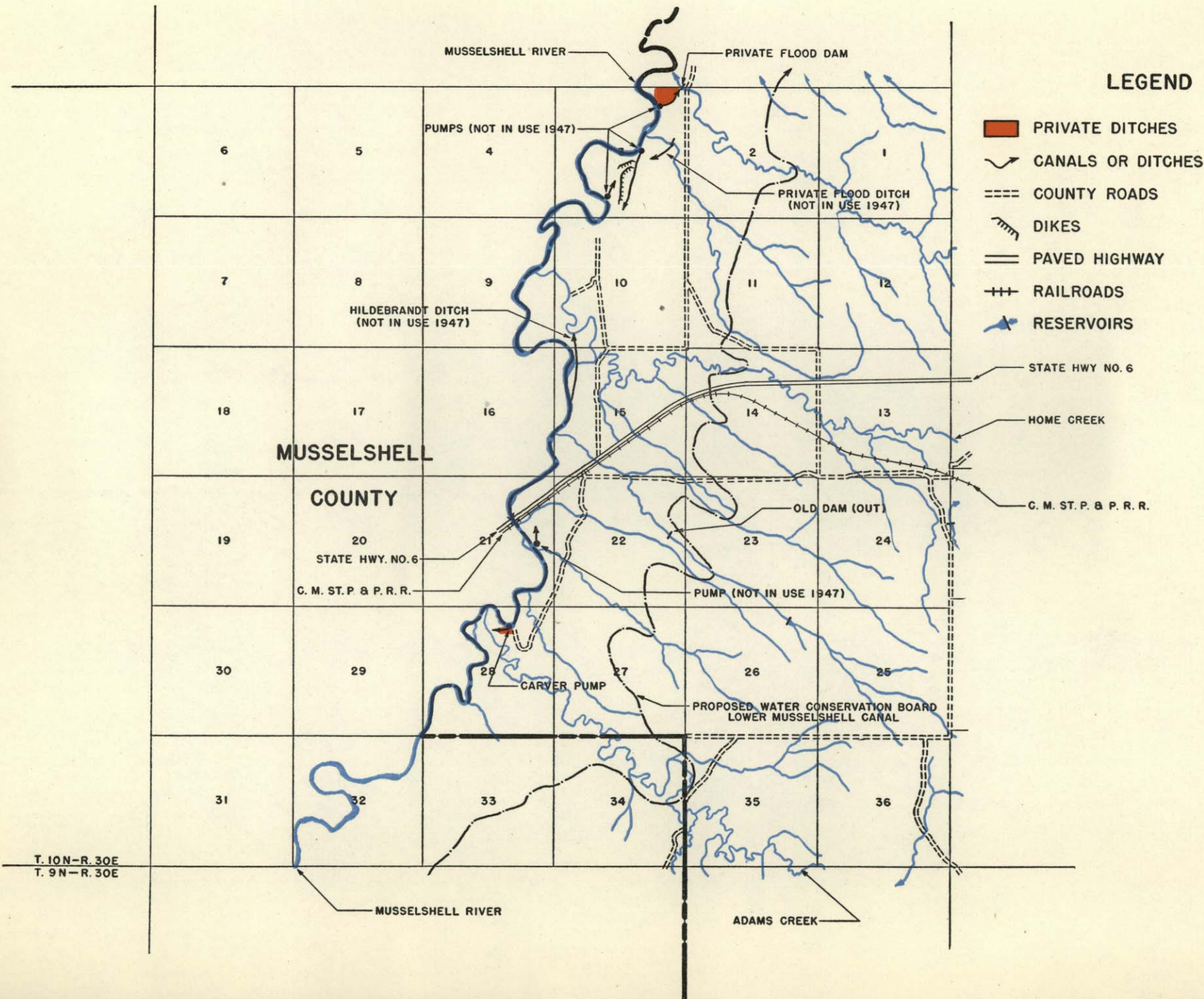
T. 11N-R. 30E
T. 10N-R. 30E

MUSSELSHELL RIVER





PUMP
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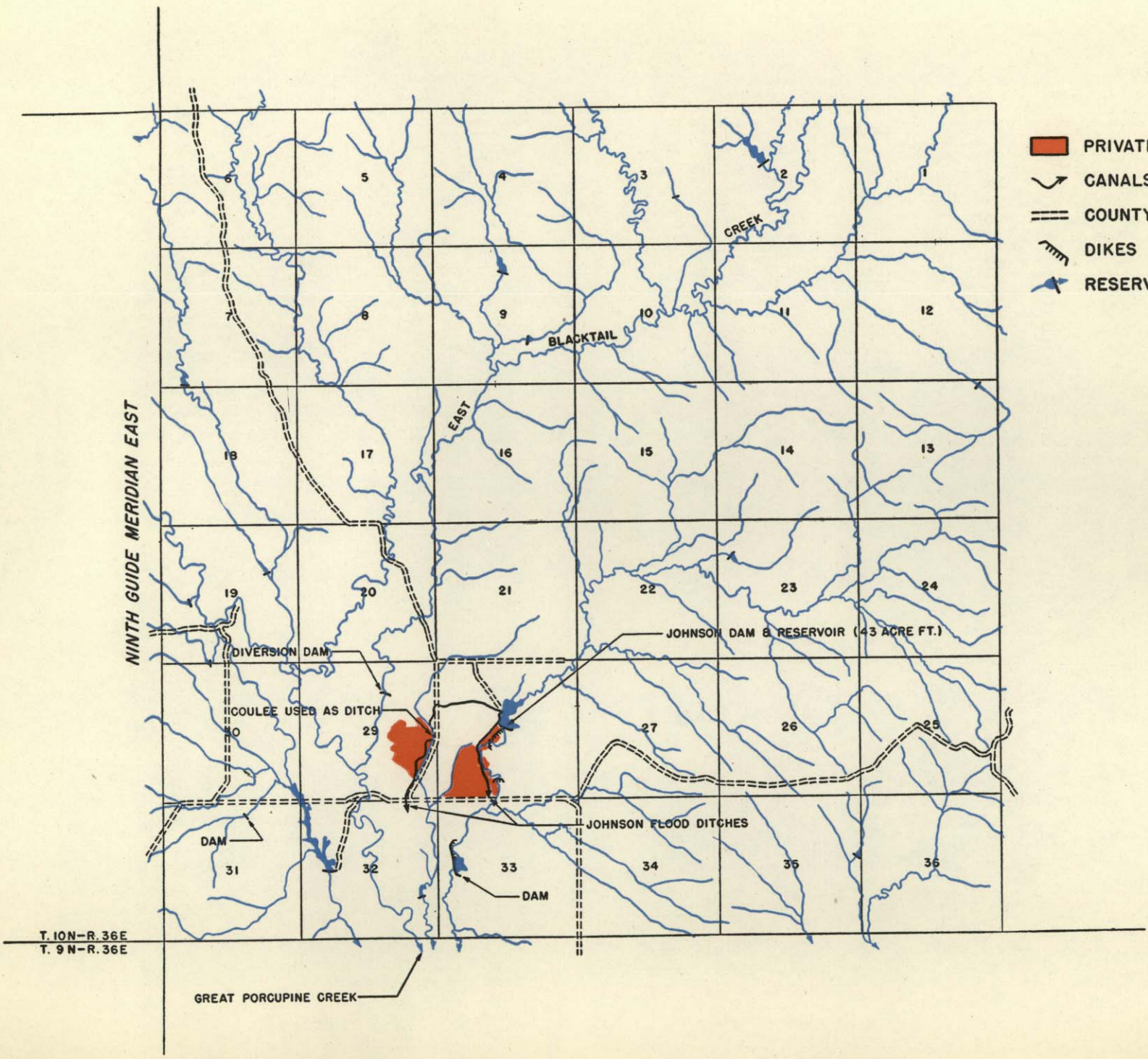
PROPOSED WATER CONSERVATION BOARD
LOWER MUSSELSHELL CANAL





LEGEND

- PRIVATE DITCHES
-  CANALS OR DITCHES
-  COUNTY ROADS
-  DIKES
-  RESERVOIRS



T. 10N-R. 36E
T. 9N-R. 36E

STOCK WATER RESERVOIR
(WITH FLOOD WING)

PRIVATE DITCH

FLOOD DIKE

LEGEND

- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS
- RESERVOIRS

T. 9N-R. 32E
T. 10N-R. 32E

PRIVATE FLOOD DITCHES

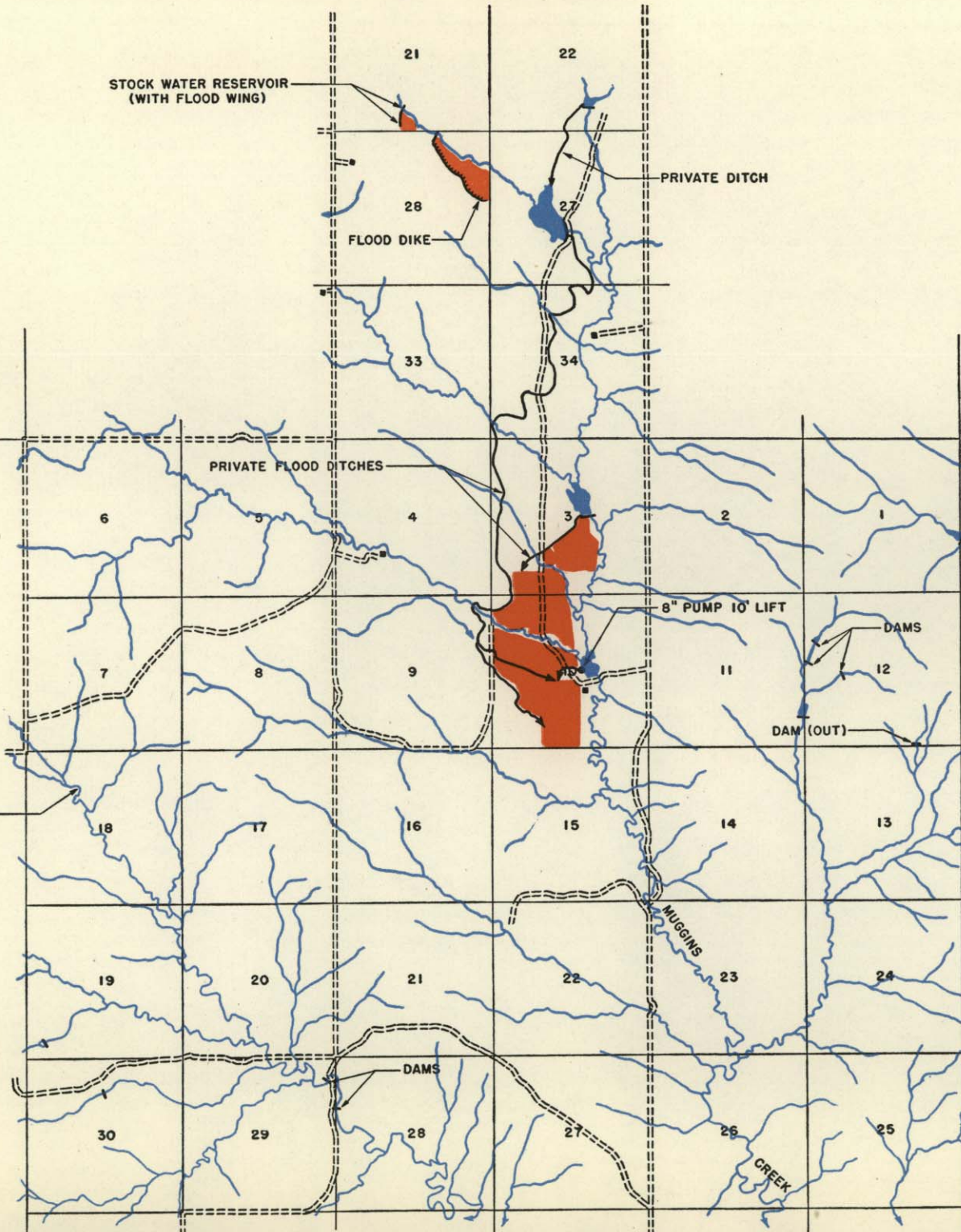
8" PUMP 10' LIFT

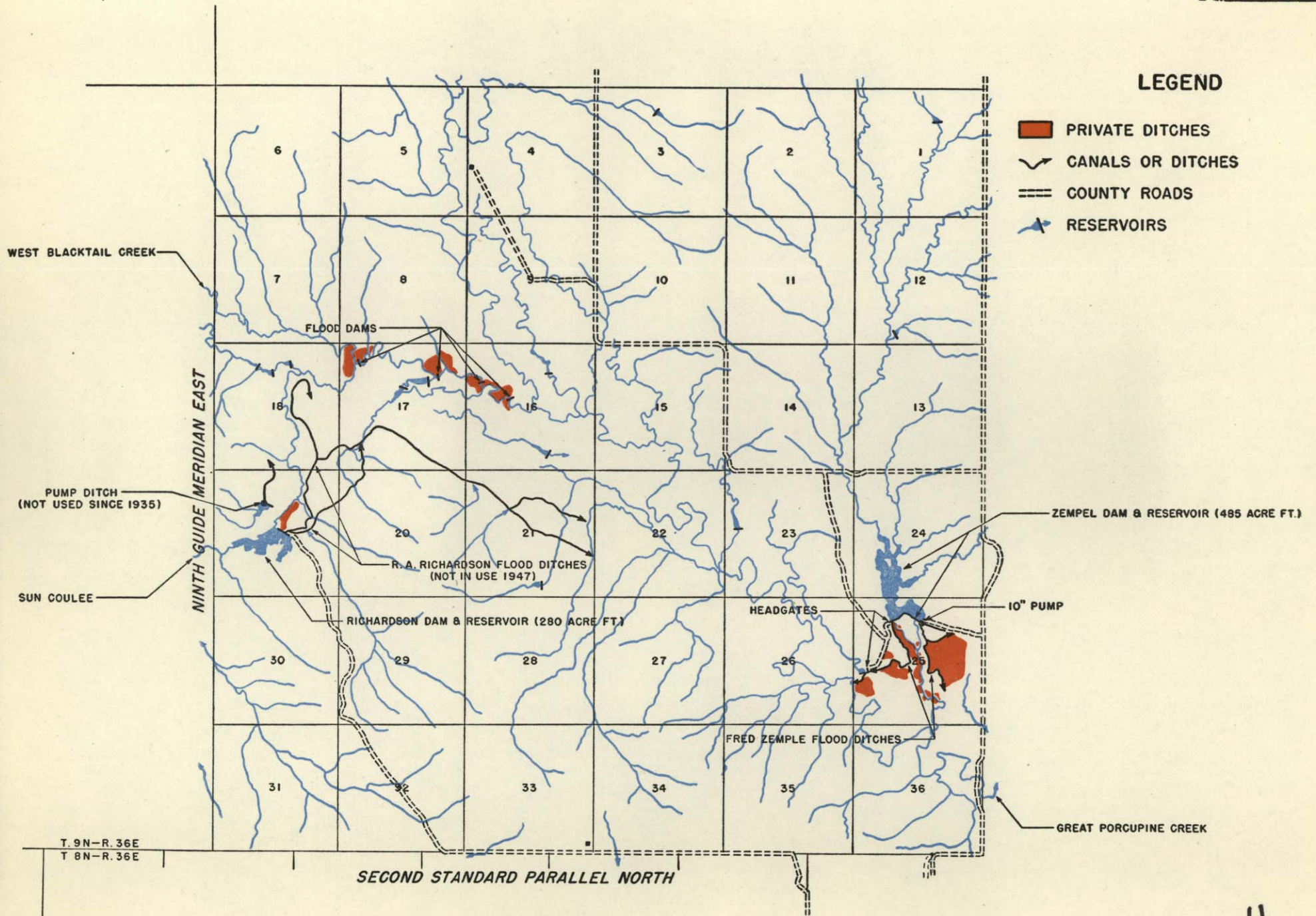
DAMS

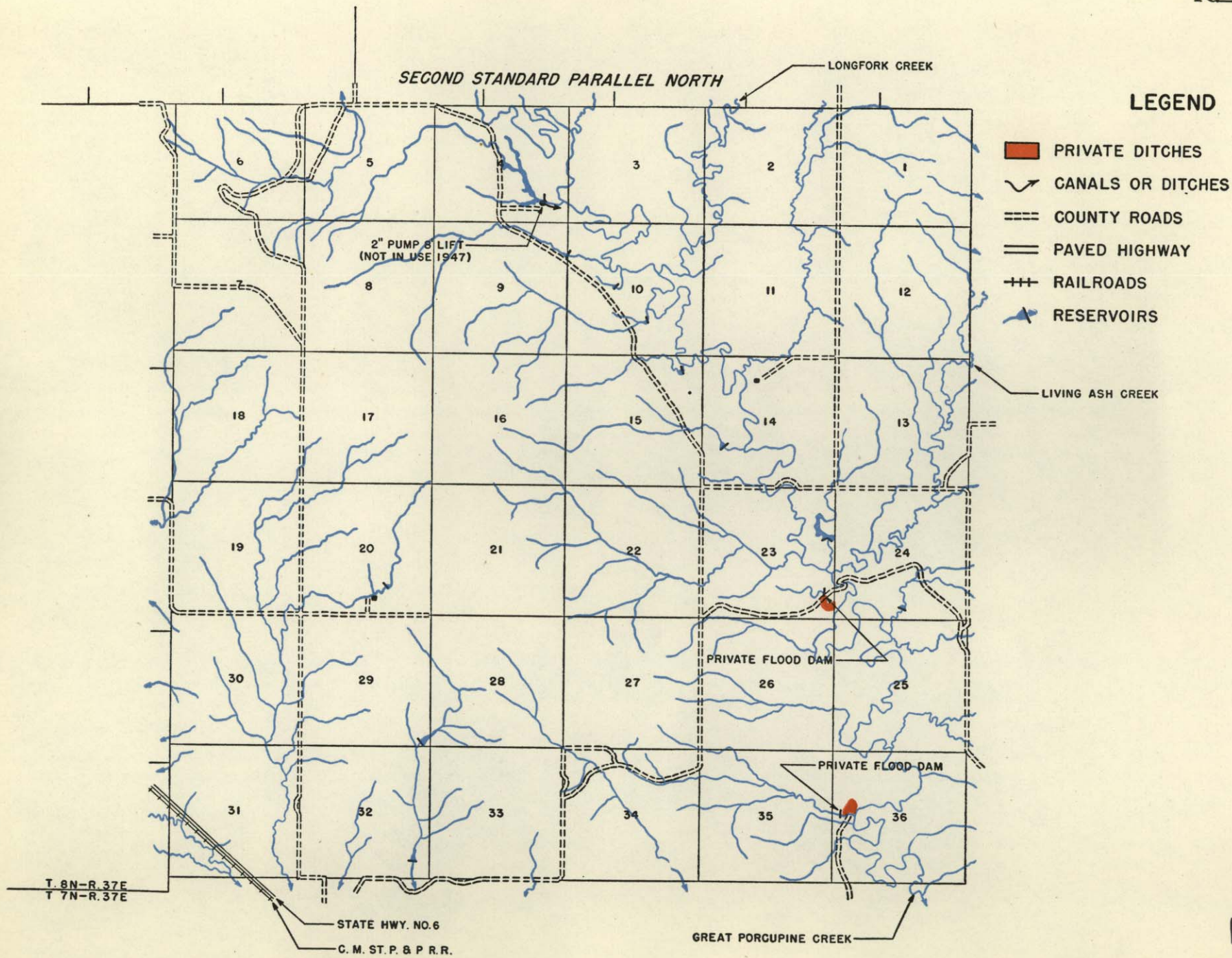
DAM (OUT)

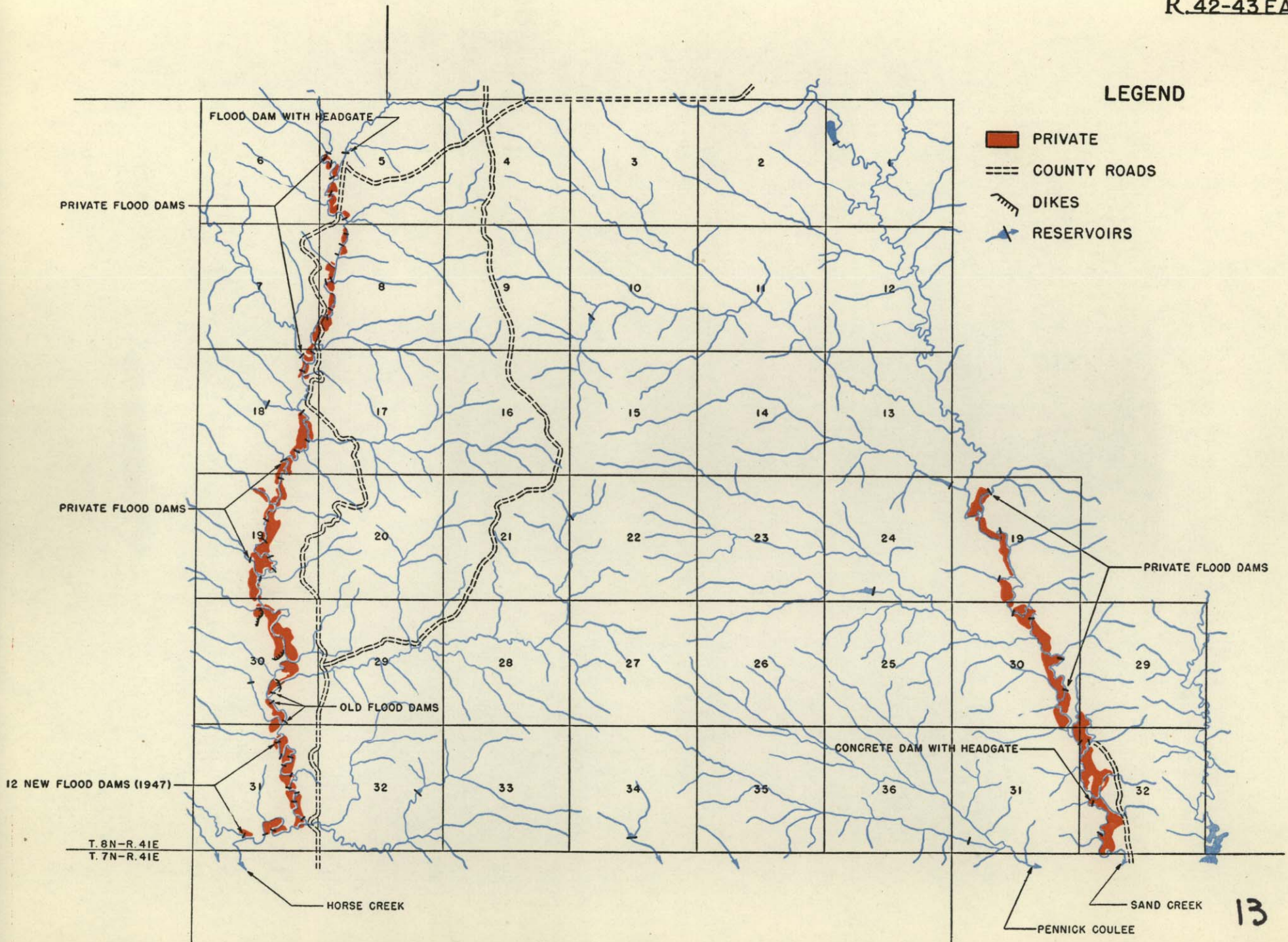
WEST FORK MUGGINS CREEK

EIGHTH GUIDE MERIDIAN EAST







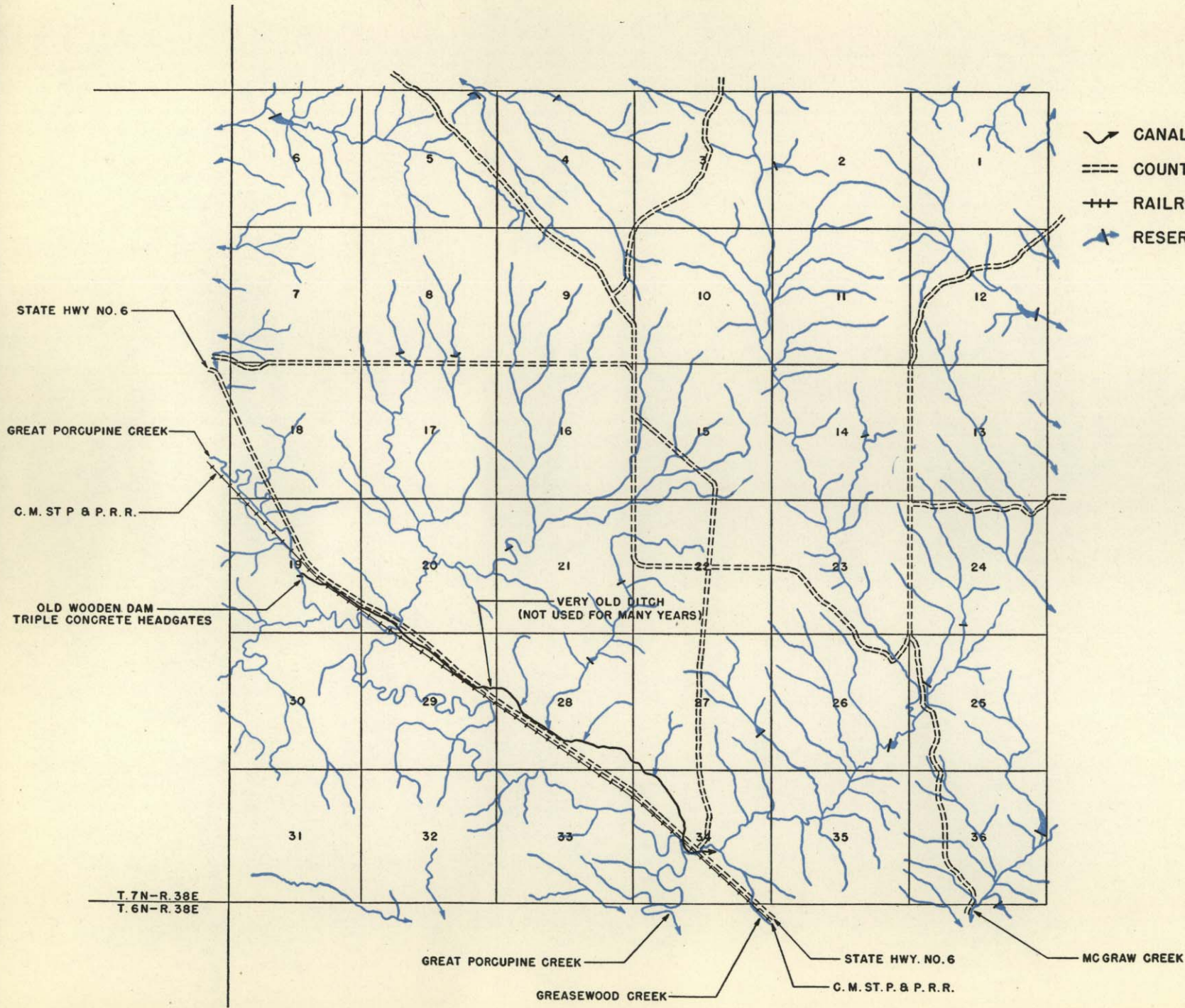


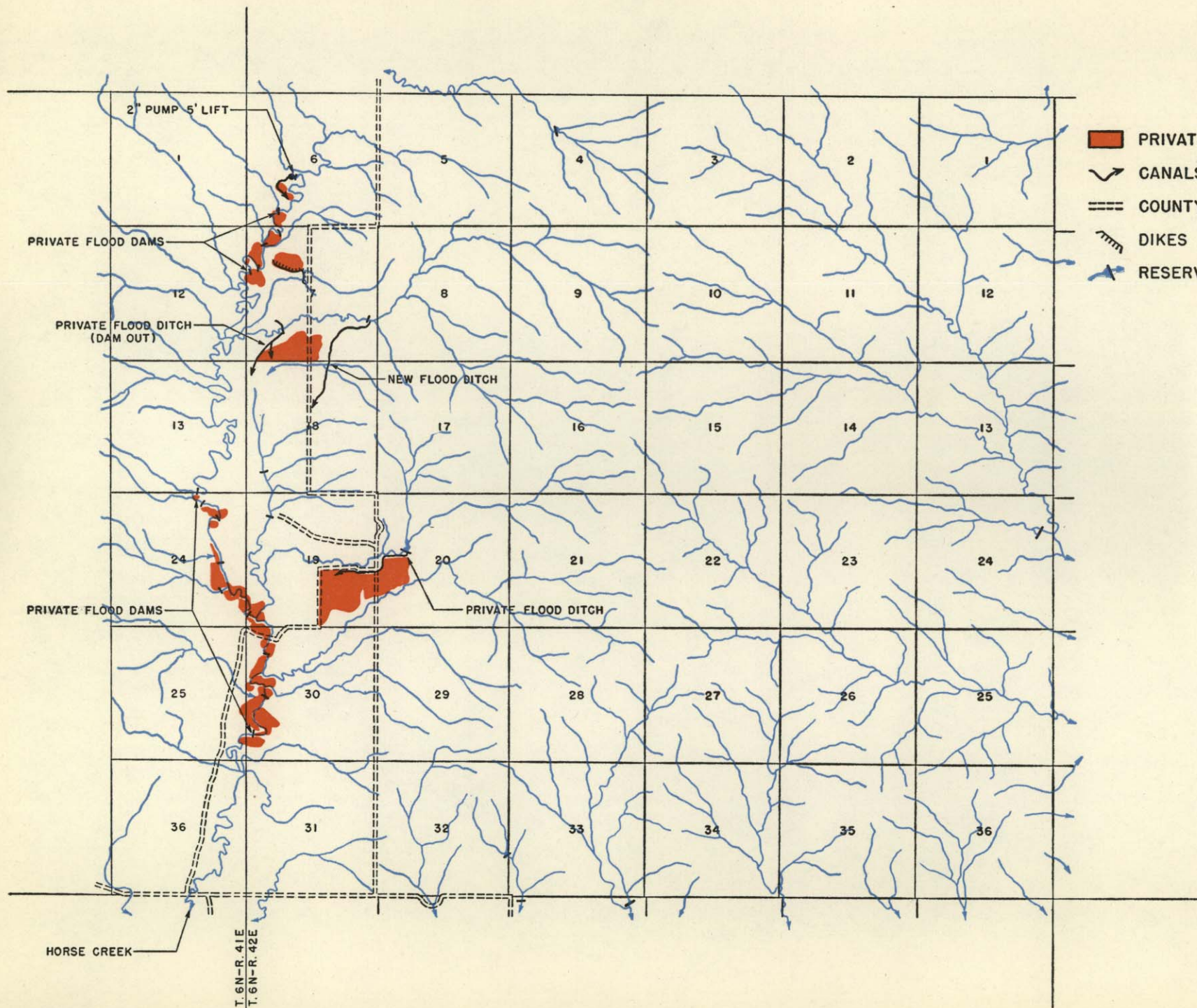









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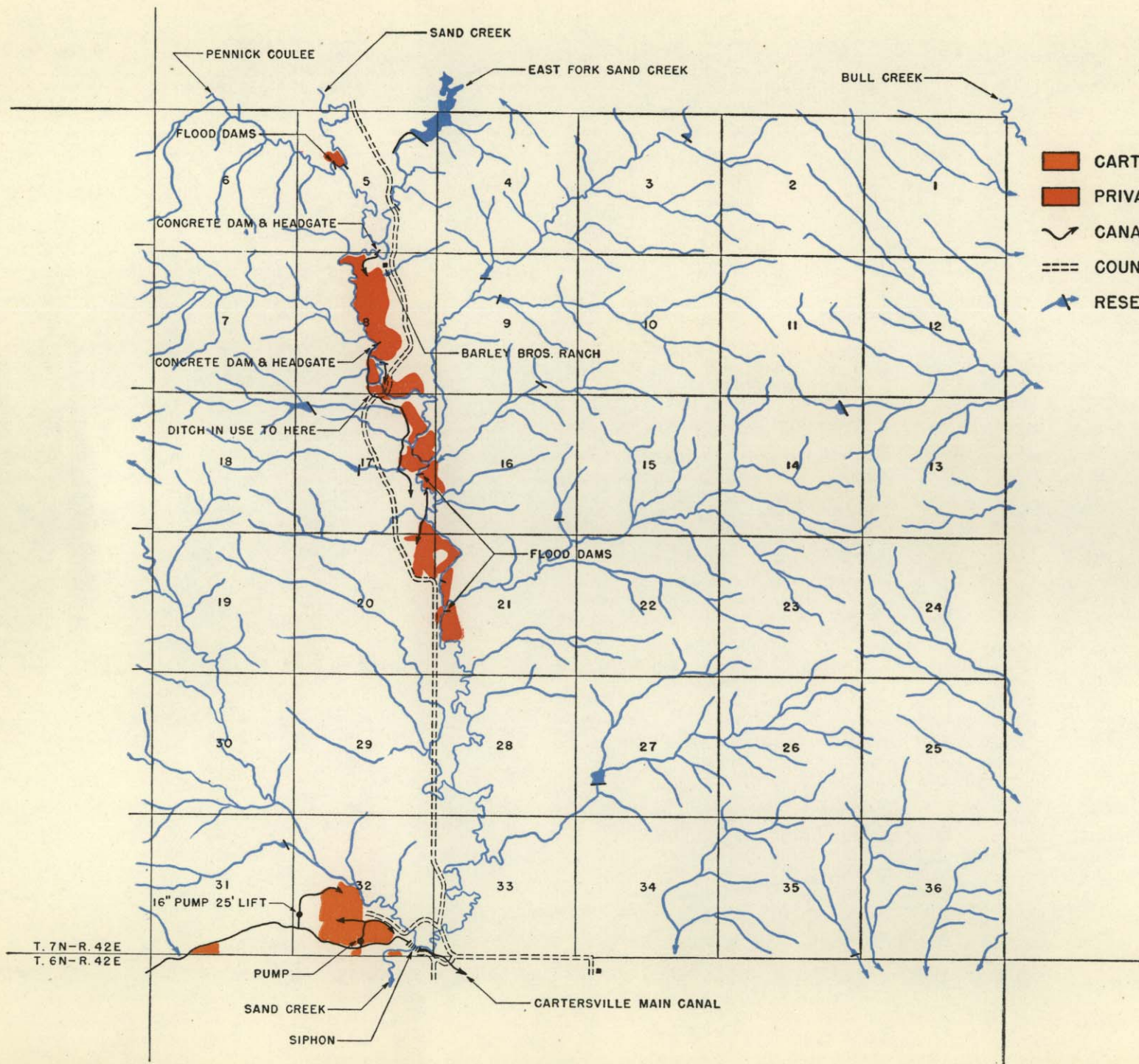
-  CANALS OR DITCHES
-  COUNTY ROADS
-  RAILROADS
-  RESERVOIRS





LEGEND

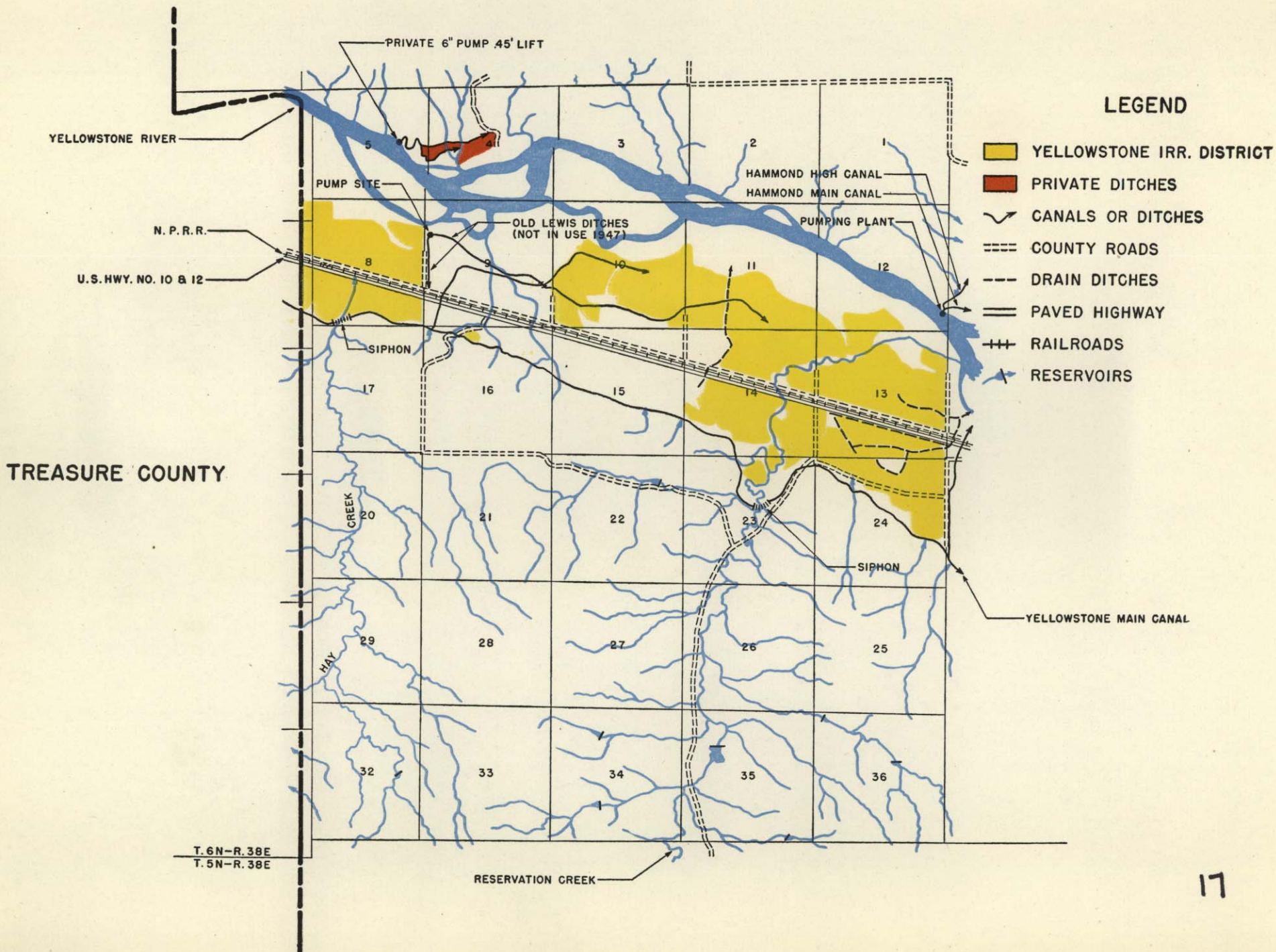
-  PRIVATE DITCHES
-  CANALS OR DITCHES
-  COUNTY ROADS
-  DIKES
-  RESERVOIRS



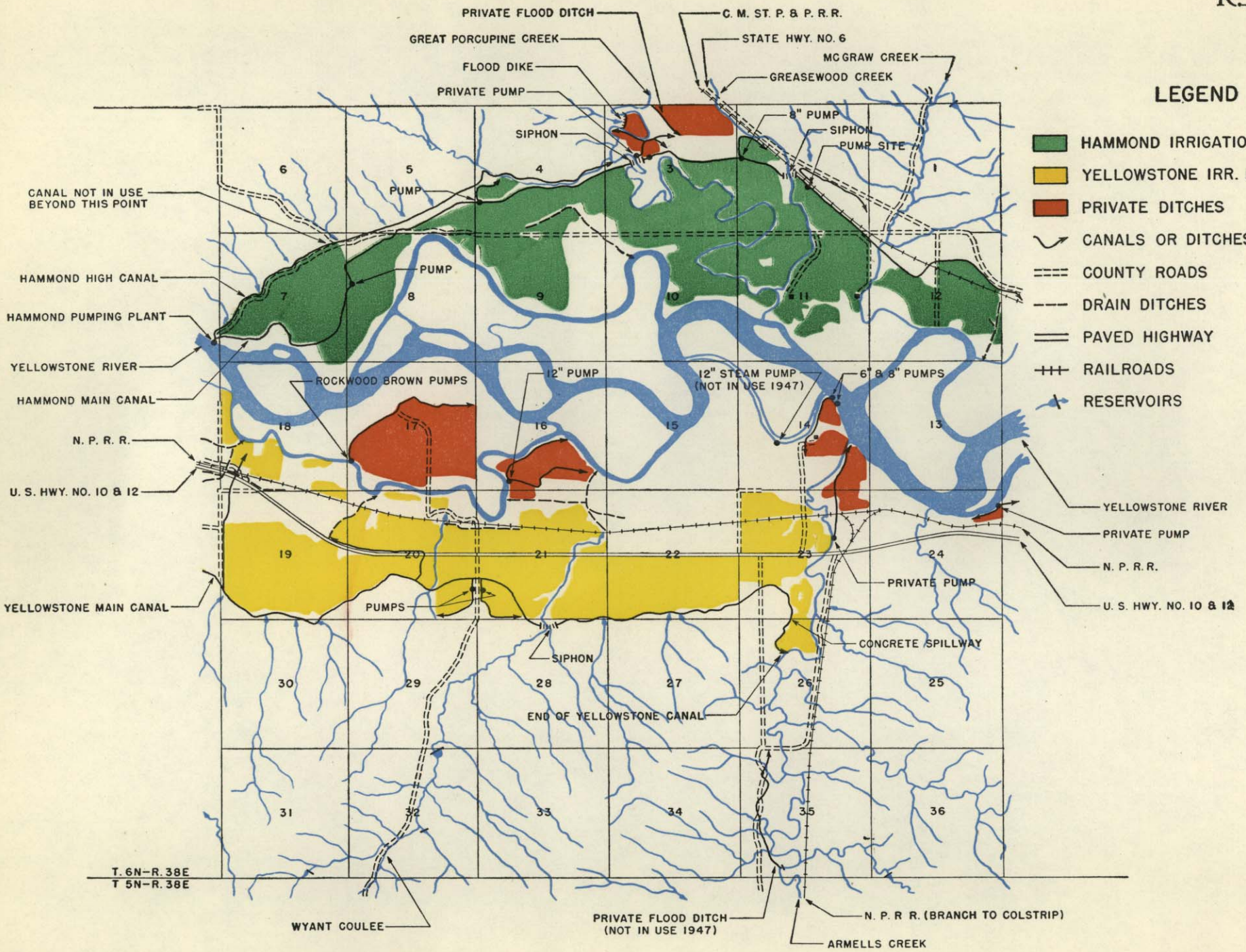
LEGEND

- CARTERSVILLE IRRIGATION DISTRICT
- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS
- RESERVOIRS

T. 7N-R. 42E
T. 6N-R. 42E



T. 6N-R. 38E
T. 5N-R. 38E










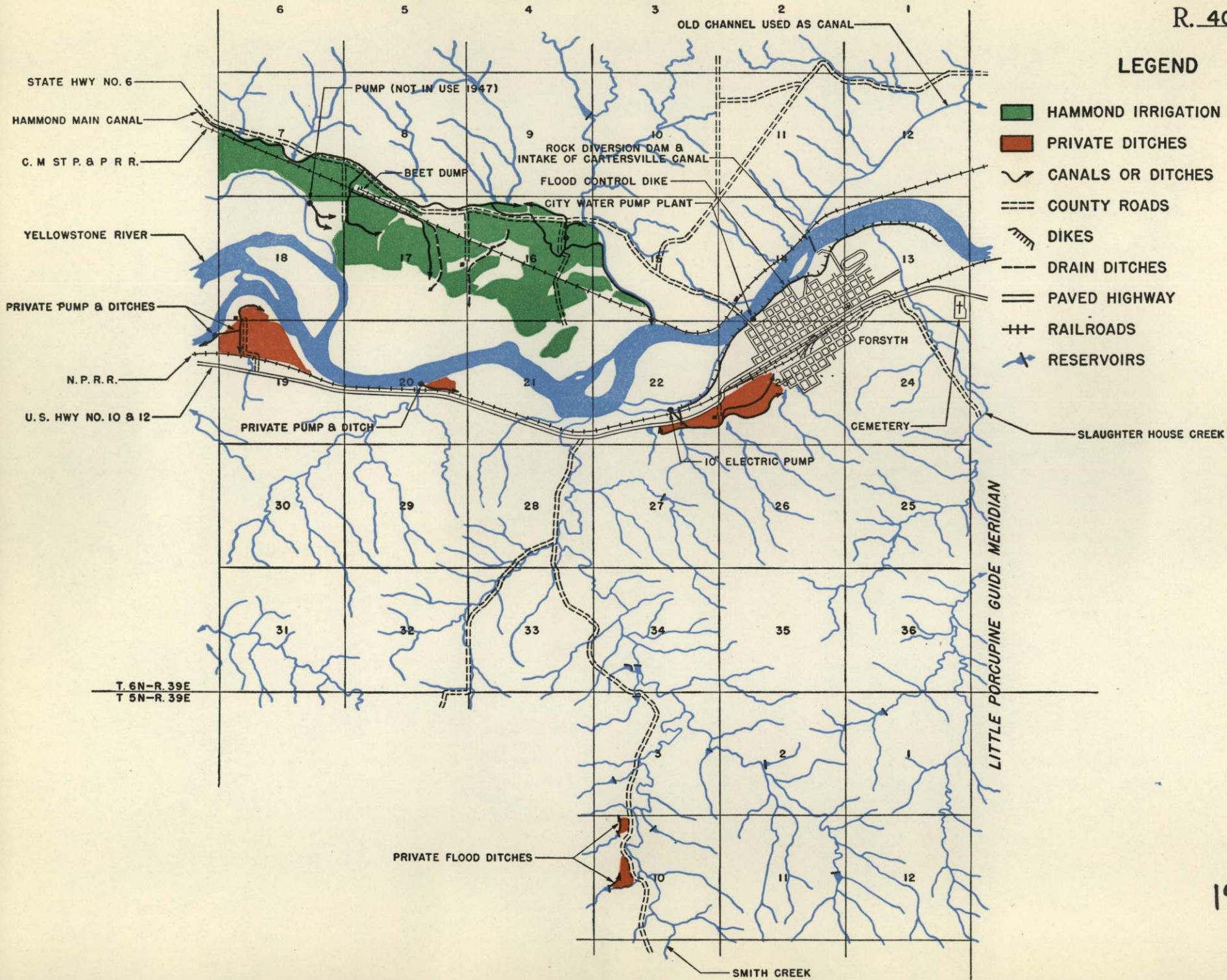
LEGEND

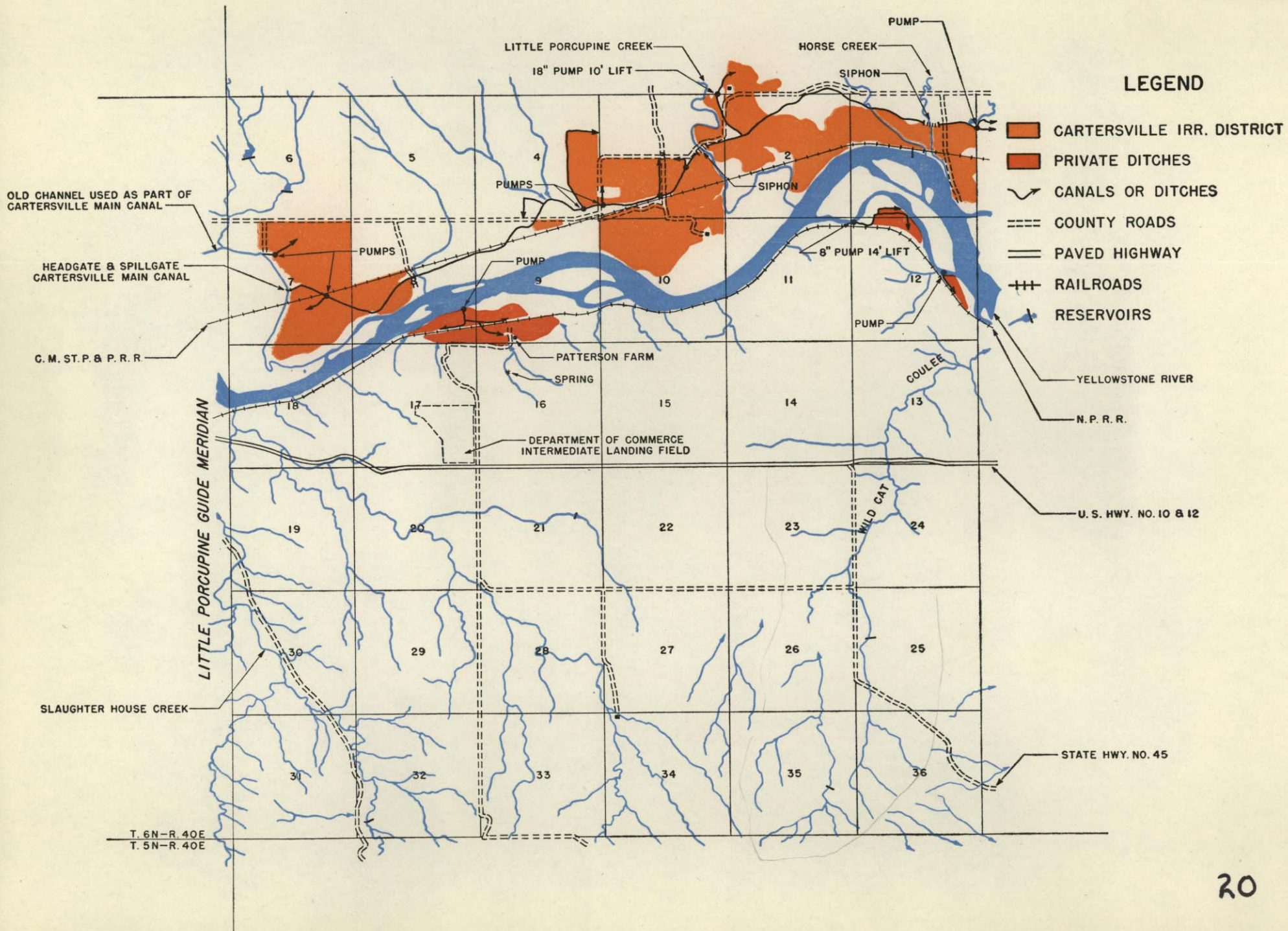
- HAMMOND IRRIGATION DISTRICT
- YELLOWSTONE IRR. DISTRICT
- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS
- DRAIN DITCHES
- PAVED HIGHWAY
- RAILROADS
- RESERVOIRS

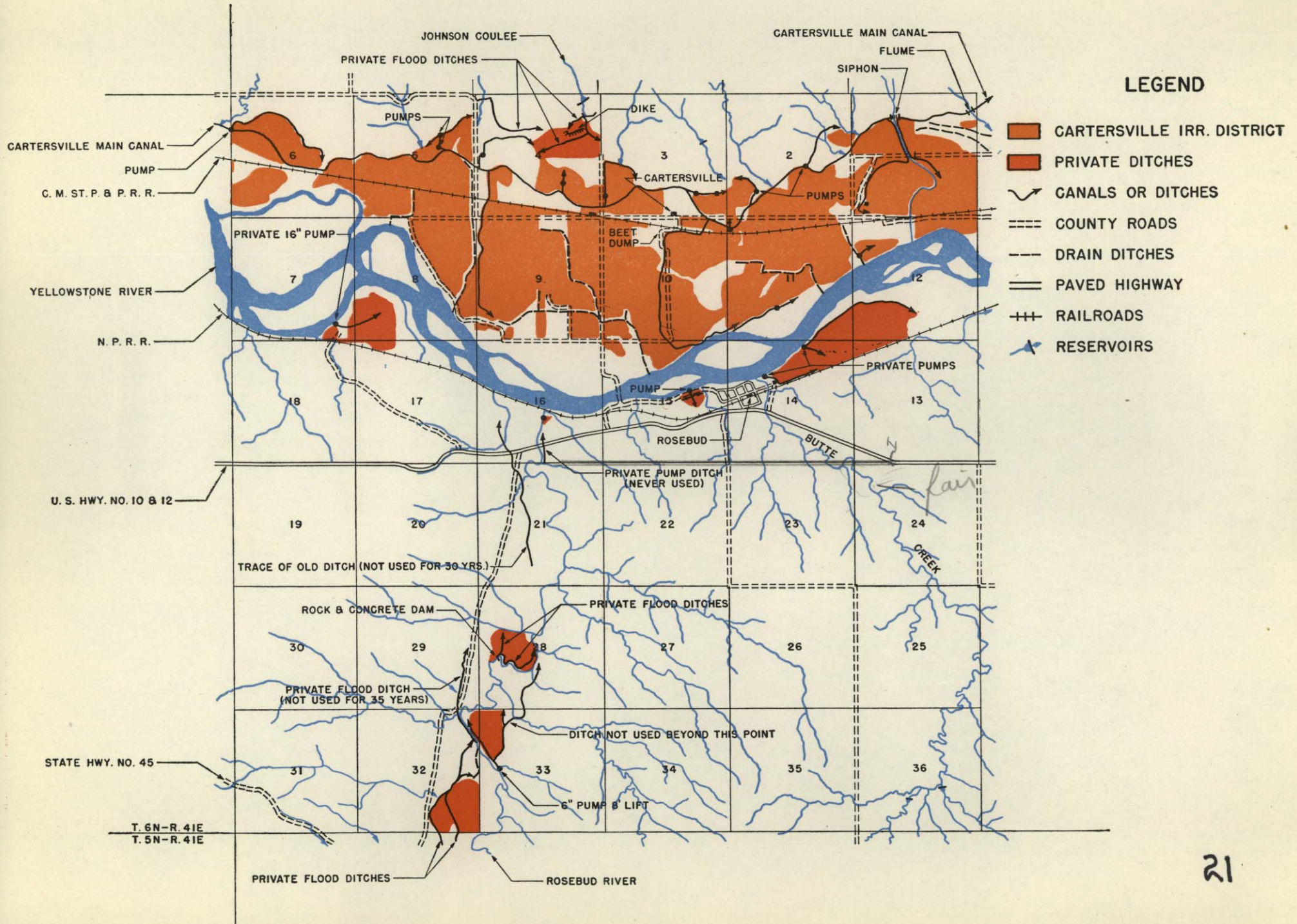
T. 6N-R. 38E
T. 5N-R. 38E

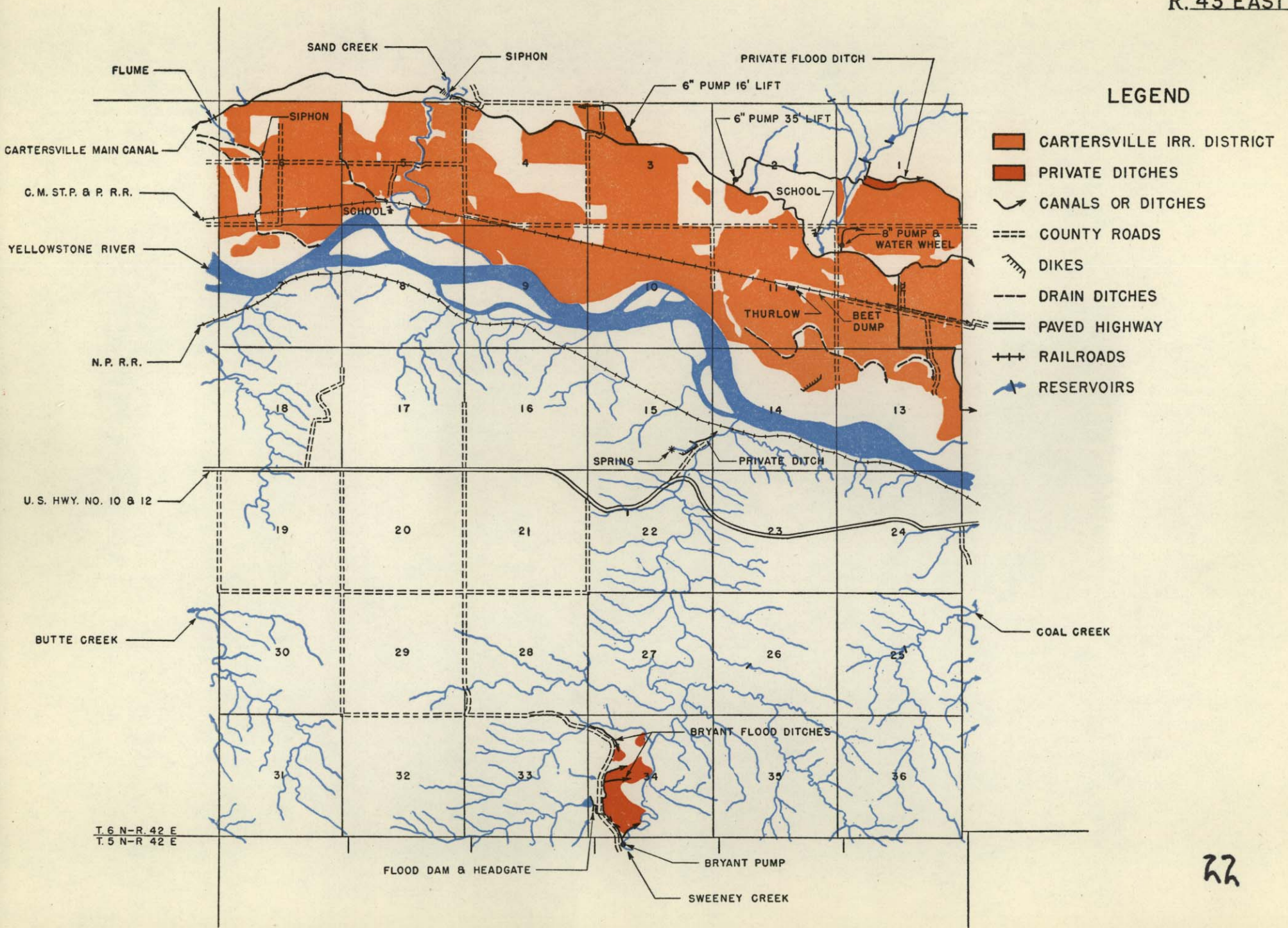
LEGEND

- HAMMOND IRRIGATION DISTRICT
- PRIVATE DITCHES
-  CANALS OR DITCHES
-  COUNTY ROADS
-  DIKES
-  DRAIN DITCHES
-  PAVED HIGHWAY
-  RAILROADS
-  RESERVOIRS





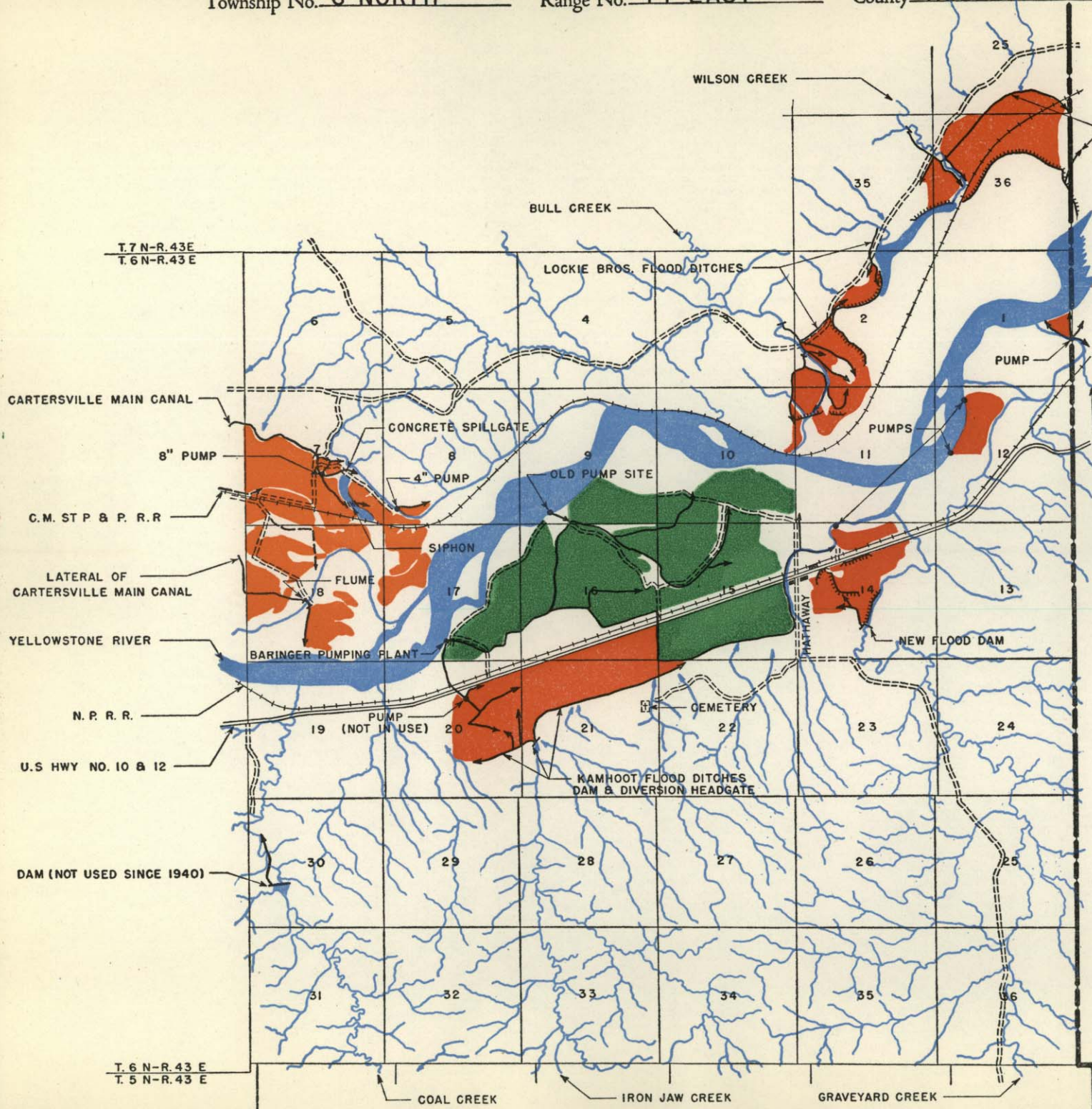




LEGEND








- CARTERSVILLE IRR. DISTRICT
- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS
- DIKES
- DRAIN DITCHES
- PAVED HIGHWAY
- RAILROADS
- RESERVOIRS

T. 6 N-R. 42 E
T. 5 N-R. 42 E

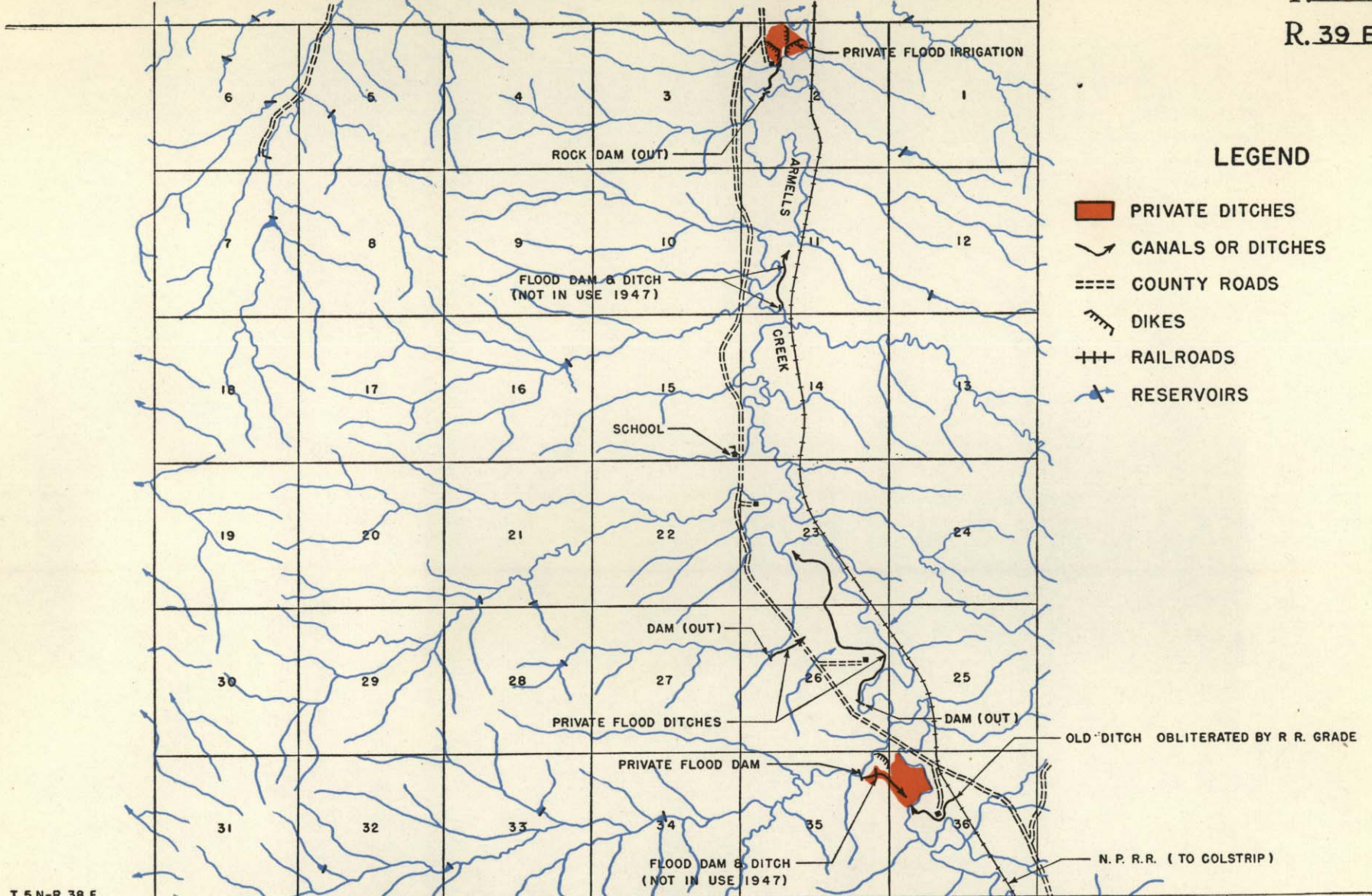


LOCKIE BROS. FLOOD DITCHES

LEGEND

- BARINGER PUMPING PROJECT
 - CARTERSVILLE IRR. DISTRICT
 - PRIVATE DITCHES
 -  CANALS OR DITCHES
 -  COUNTY ROADS
 -  DIKES
 -  DRAIN DITCHES
 -  PAVED HIGHWAY
 -  RAILROADS
 -  RESERVOIRS
- SHELL CREEK

CUSTER COUNTY

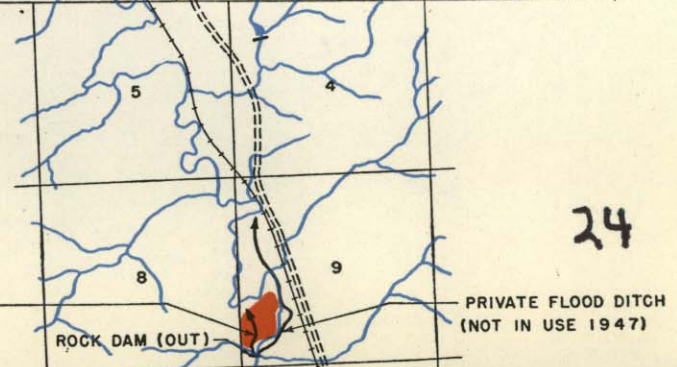


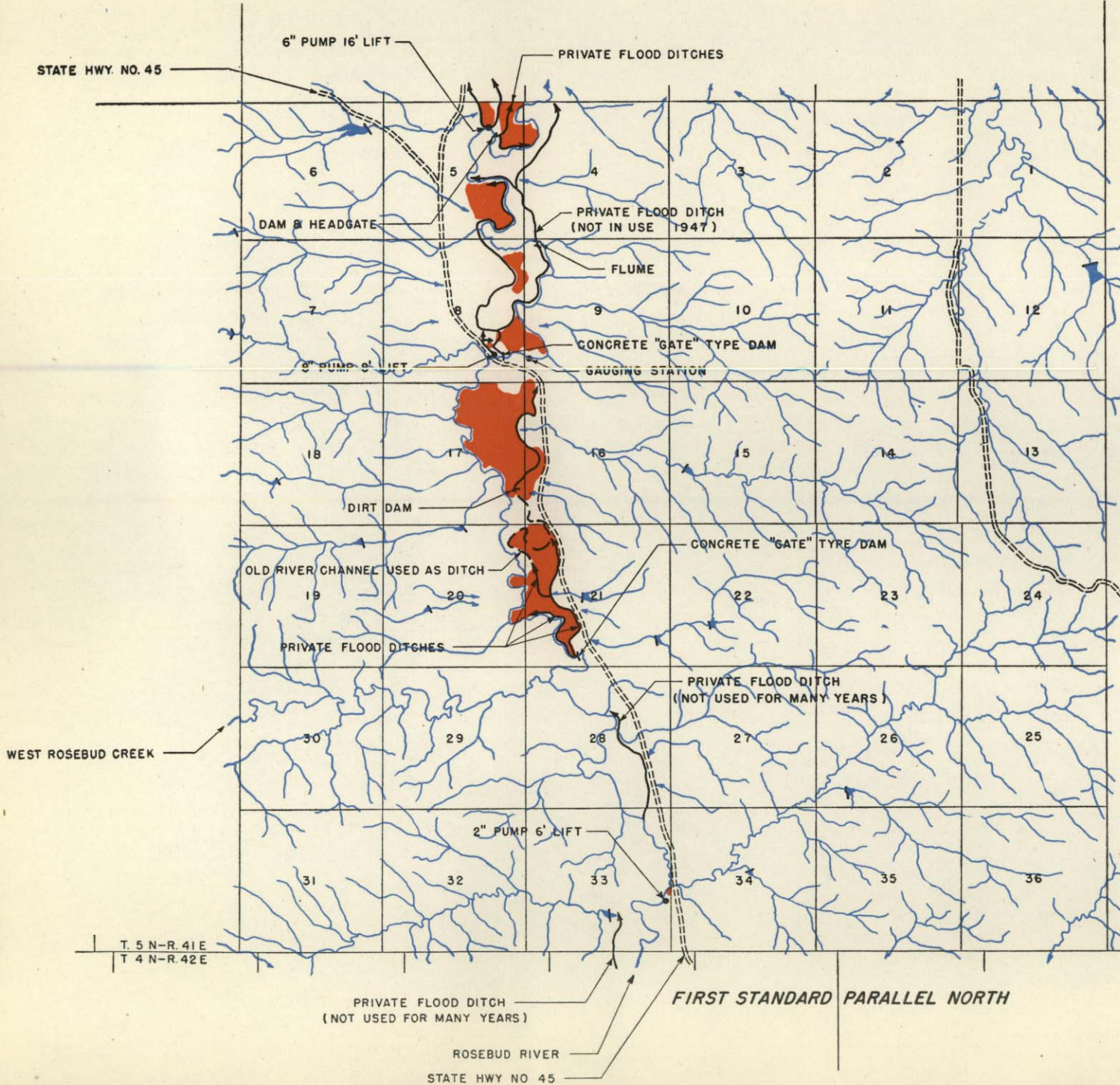
T. 5 N-R. 38 E
T. 4 N-R. 39 E

FIRST STANDARD PARALLEL NORTH

LEGEND

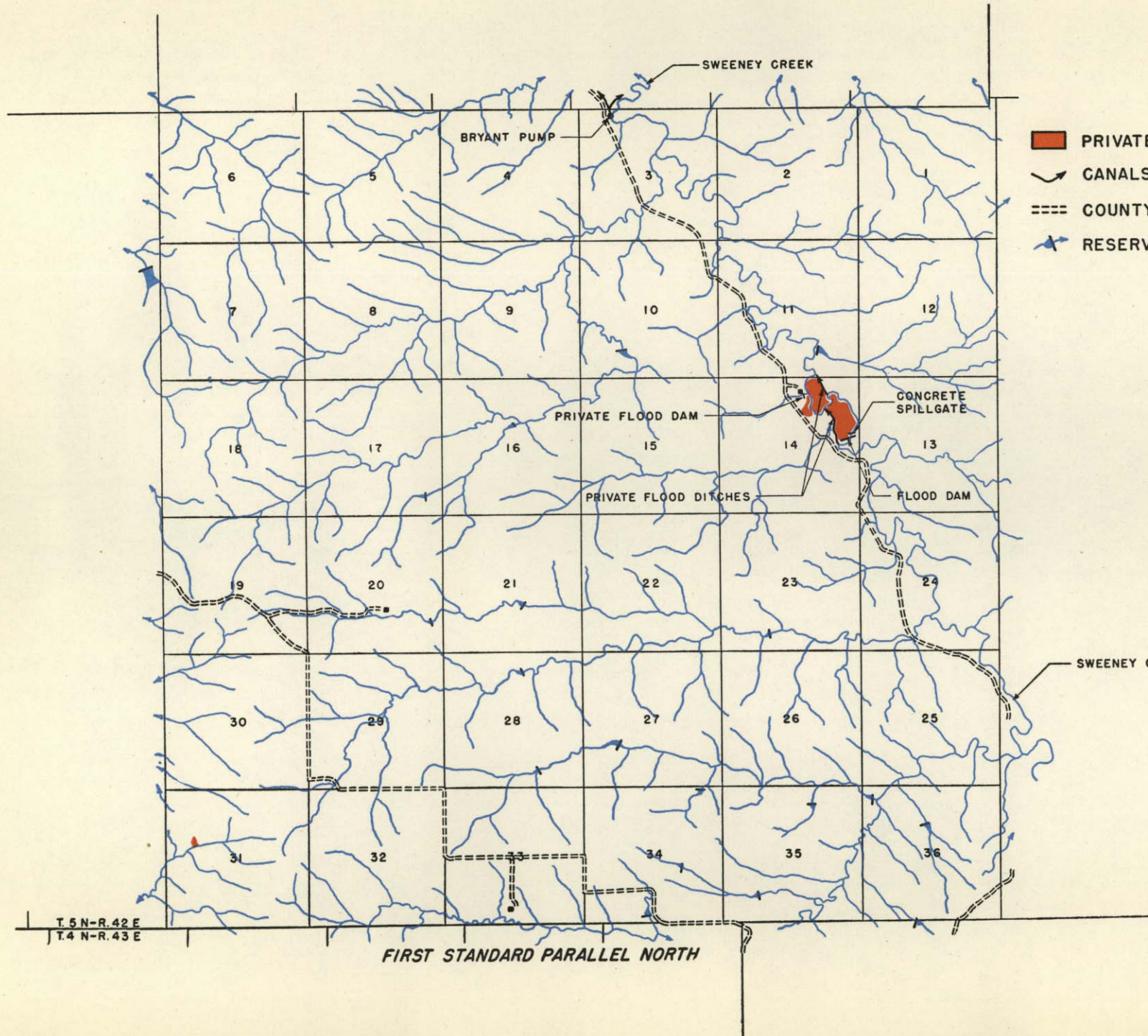
- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS
- DIKES
- RAILROADS
- RESERVOIRS





LEGEND

- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS
- RESERVOIRS



LEGEND

- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS
- RESERVOIRS

FIRST STANDARD PARALLEL NORTH

ROSEBUD RIVER

STATE HWY NO. 45

LEGEND

- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS
- DIKES
- RESERVOIRS

PRIVATE FLOOD DITCH (NOT IN USE 1947)

GENERAL CUSTER CAMPED HERE JUNE 22, 1876

CONCRETE DAM (OUT)

PRIVATE FLOOD DITCHES (FROM COULLEE)

DRY

GULCH

PRIVATE FLOOD DAMS & DITCHES

PRIVATE FLOOD DITCHES (NOT IN USE 1947)

NORTH FORK COTTONWOOD CREEK

6" PUMP 8' LIFT

4" PUMP 30" LIFT

FLUME (OUT)

DAM (OUT)

PRIVATE FLOOD DITCH (NOT USED SINCE 1944)

DAM (OUT)

1/2" GARDEN PUMP

DAM (OUT)

T. 4N-R. 41E
T. 3N-R. 41E

COTTONWOOD CREEK

SOUTH FORK COTTONWOOD CREEK

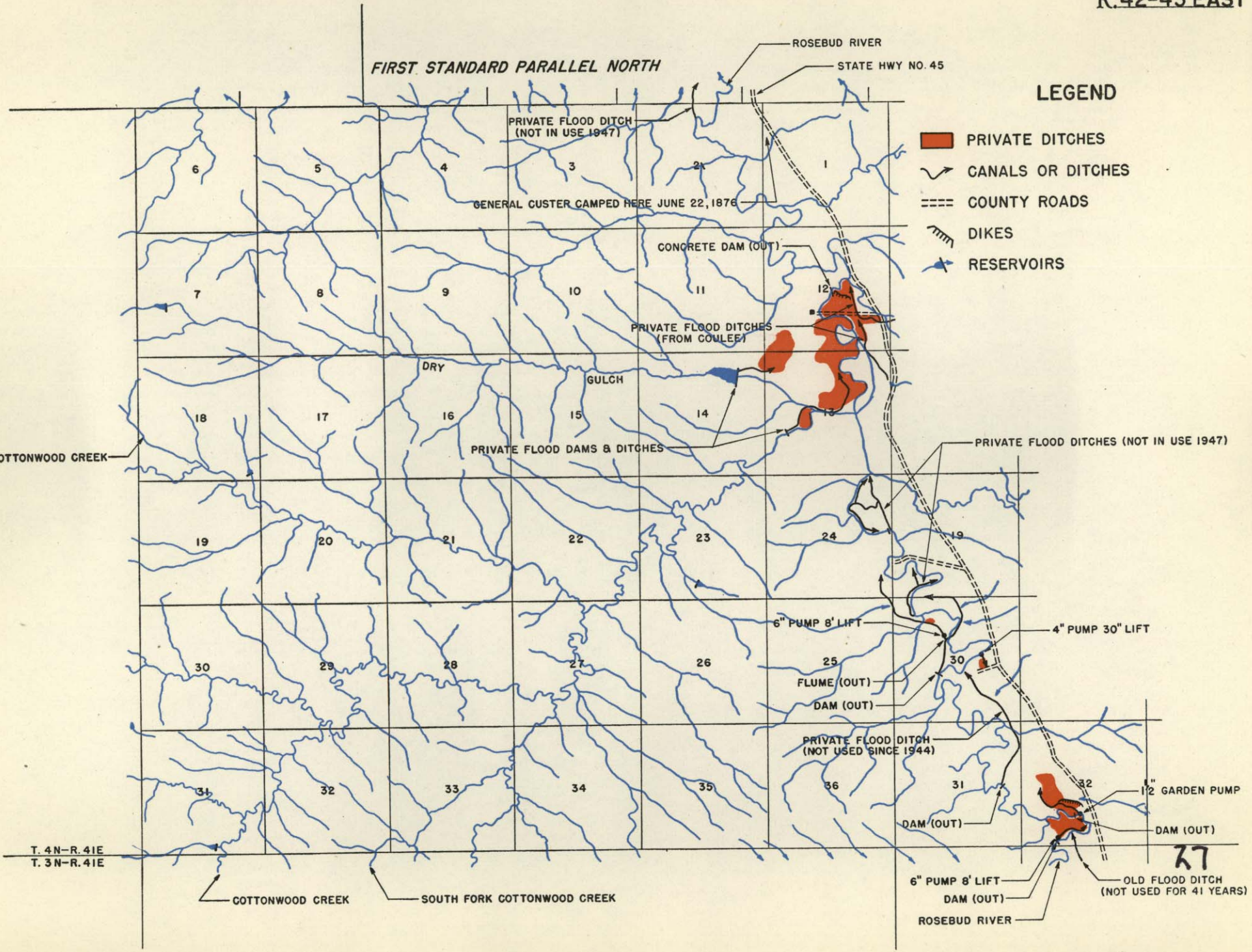
6" PUMP 8' LIFT

DAM (OUT)

ROSEBUD RIVER






OLD FLOOD DITCH (NOT USED FOR 41 YEARS)

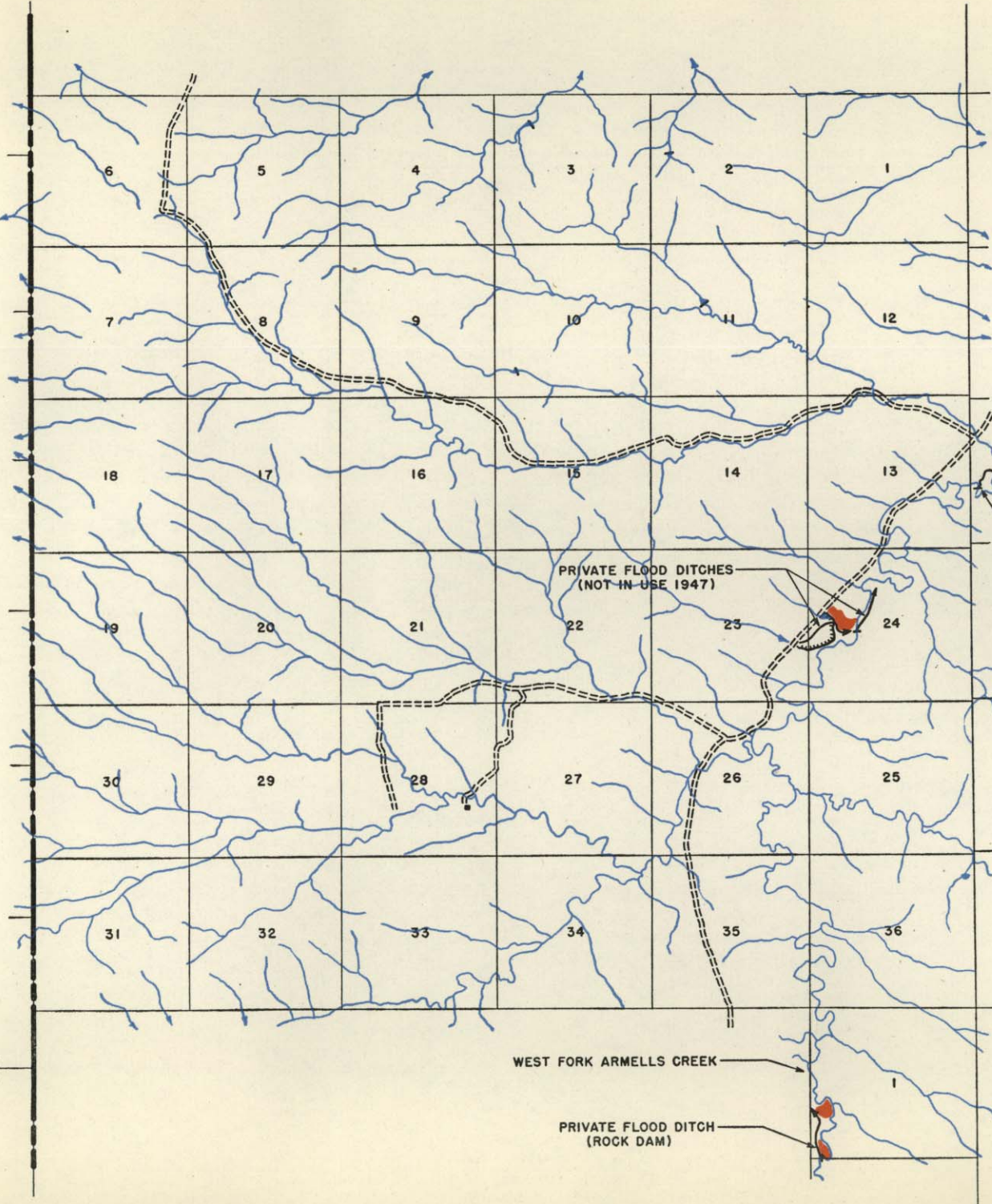
77



TREASURE COUNTY

LEGEND

-  PRIVATE DITCHES
-  CANALS OR DITCHES
-  COUNTY ROADS
-  DIKES
-  RESERVOIRS



WEST FORK ARMELLS CREEK

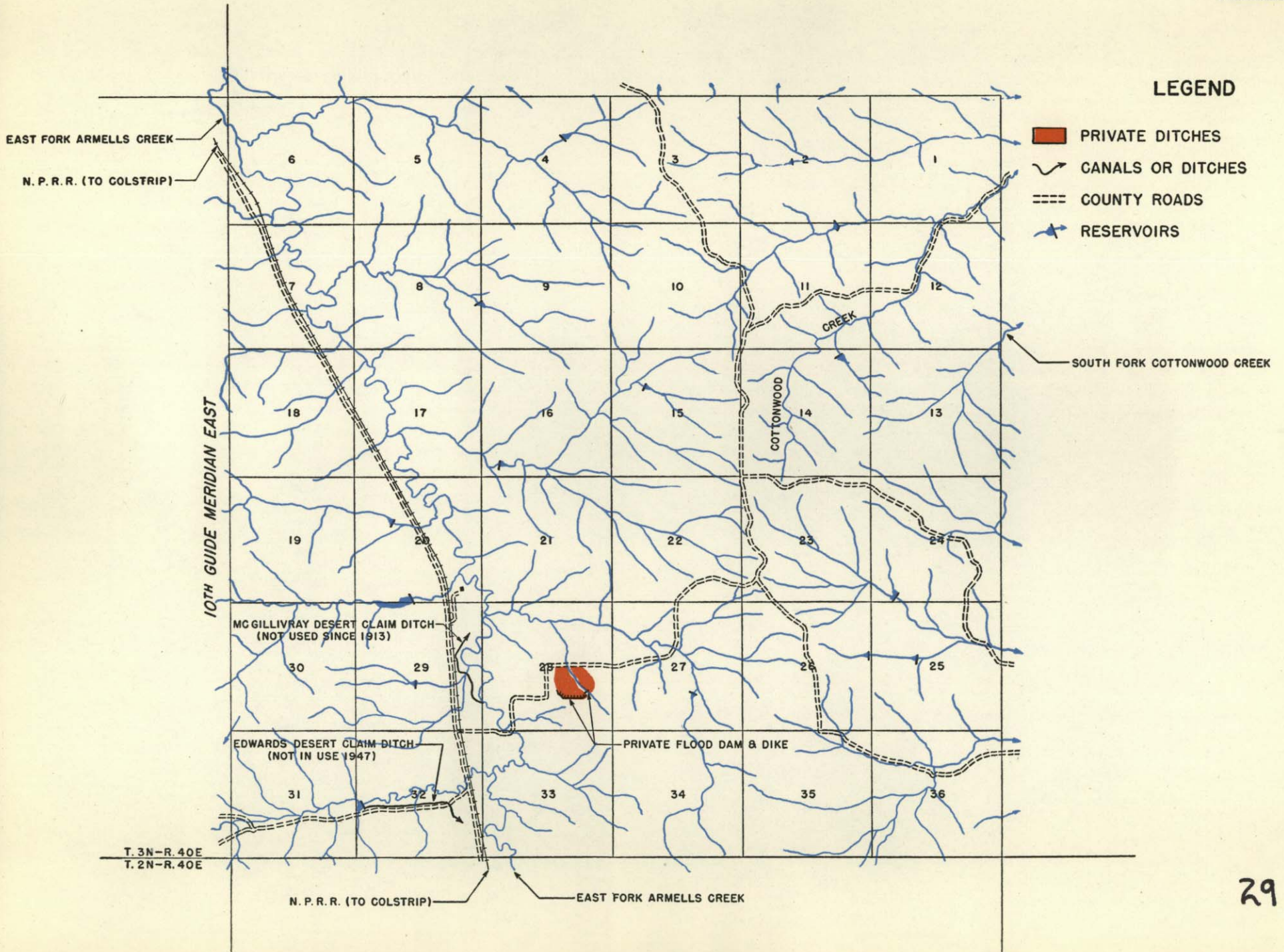
PRIVATE FLOOD DITCH (NOT IN USE 1947)

PRIVATE FLOOD DITCHES (NOT IN USE 1947)

WEST FORK ARMELLS CREEK

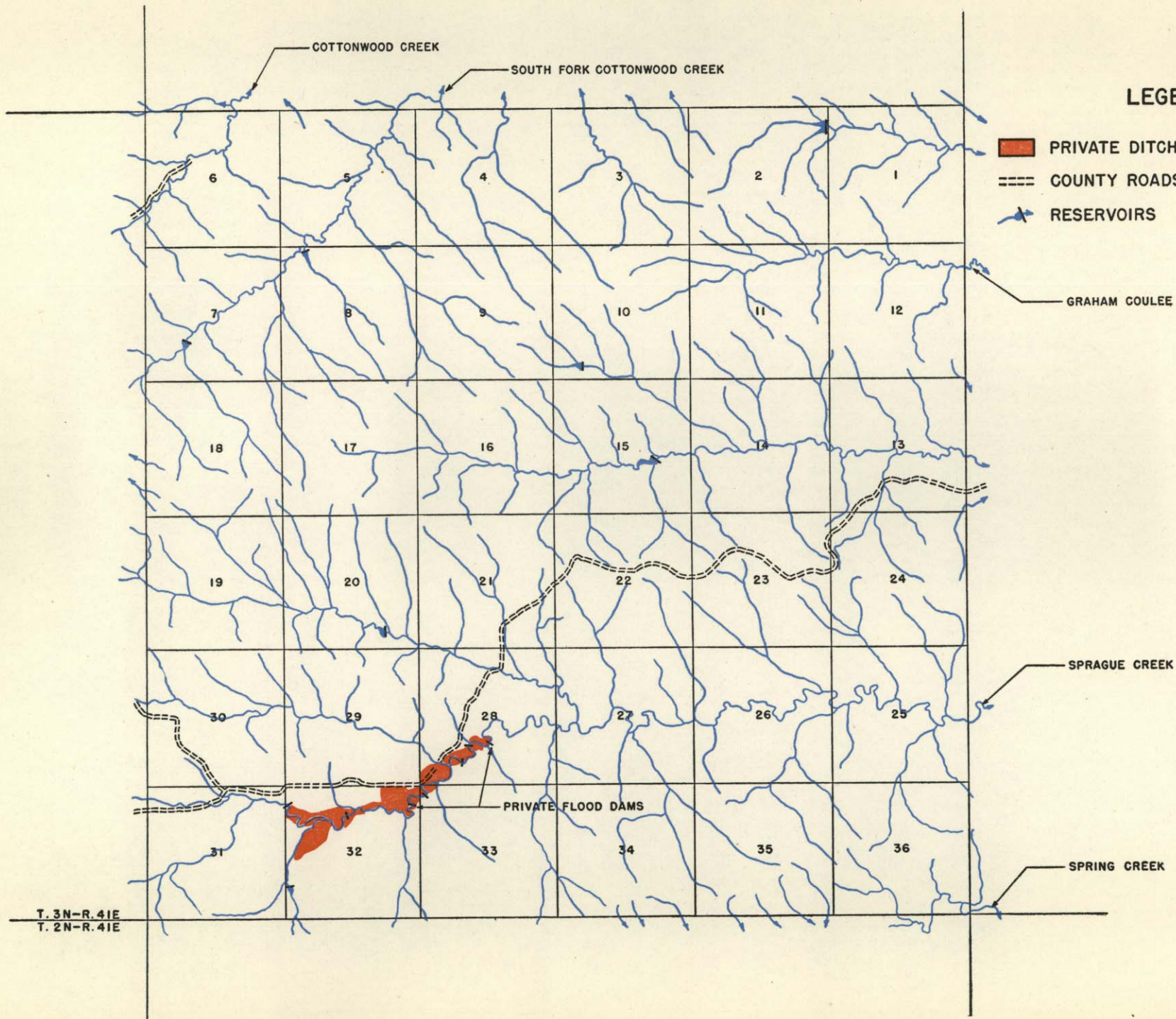
PRIVATE FLOOD DITCH (ROCK DAM)

T. 3N-R. 38E
T. 2N-R. 38E



LEGEND

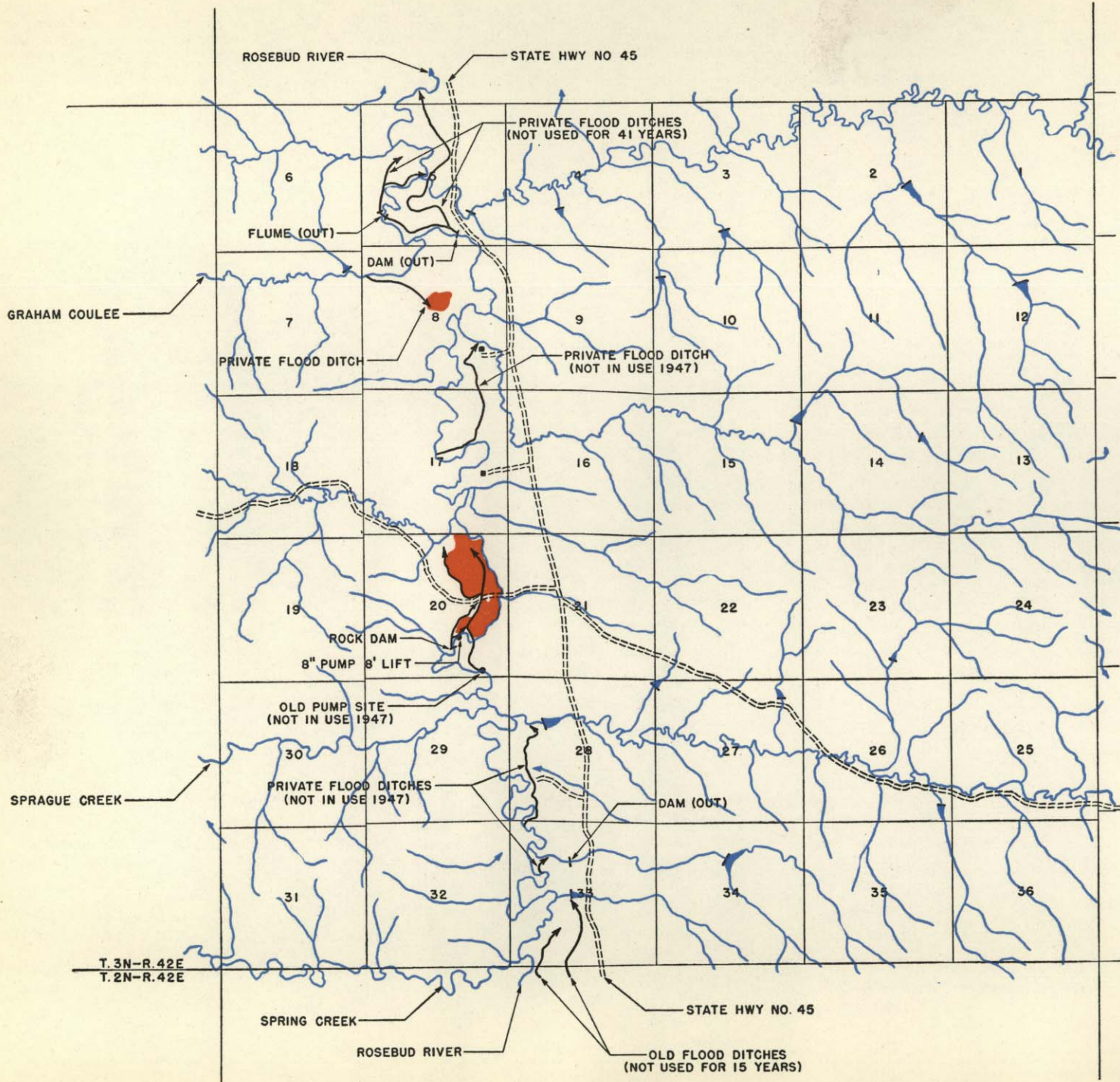
- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS
- RESERVOIRS



LEGEND

- PRIVATE DITCHES
- COUNTY ROADS
- RESERVOIRS

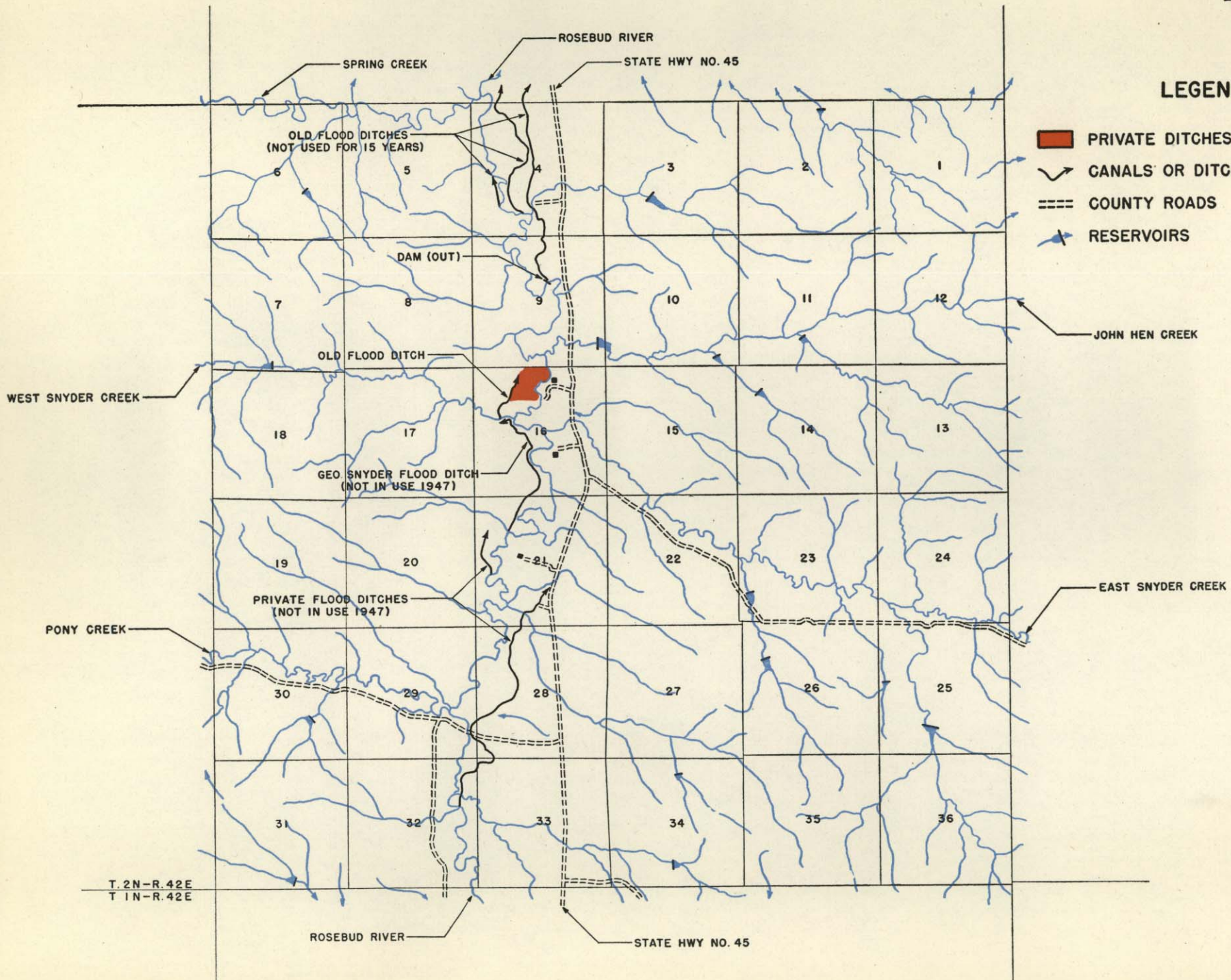
T. 3N-R. 41E
T. 2N-R. 41E



LEGEND

- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS
- RESERVOIRS

T. 3N-R. 42E
T. 2N-R. 42E

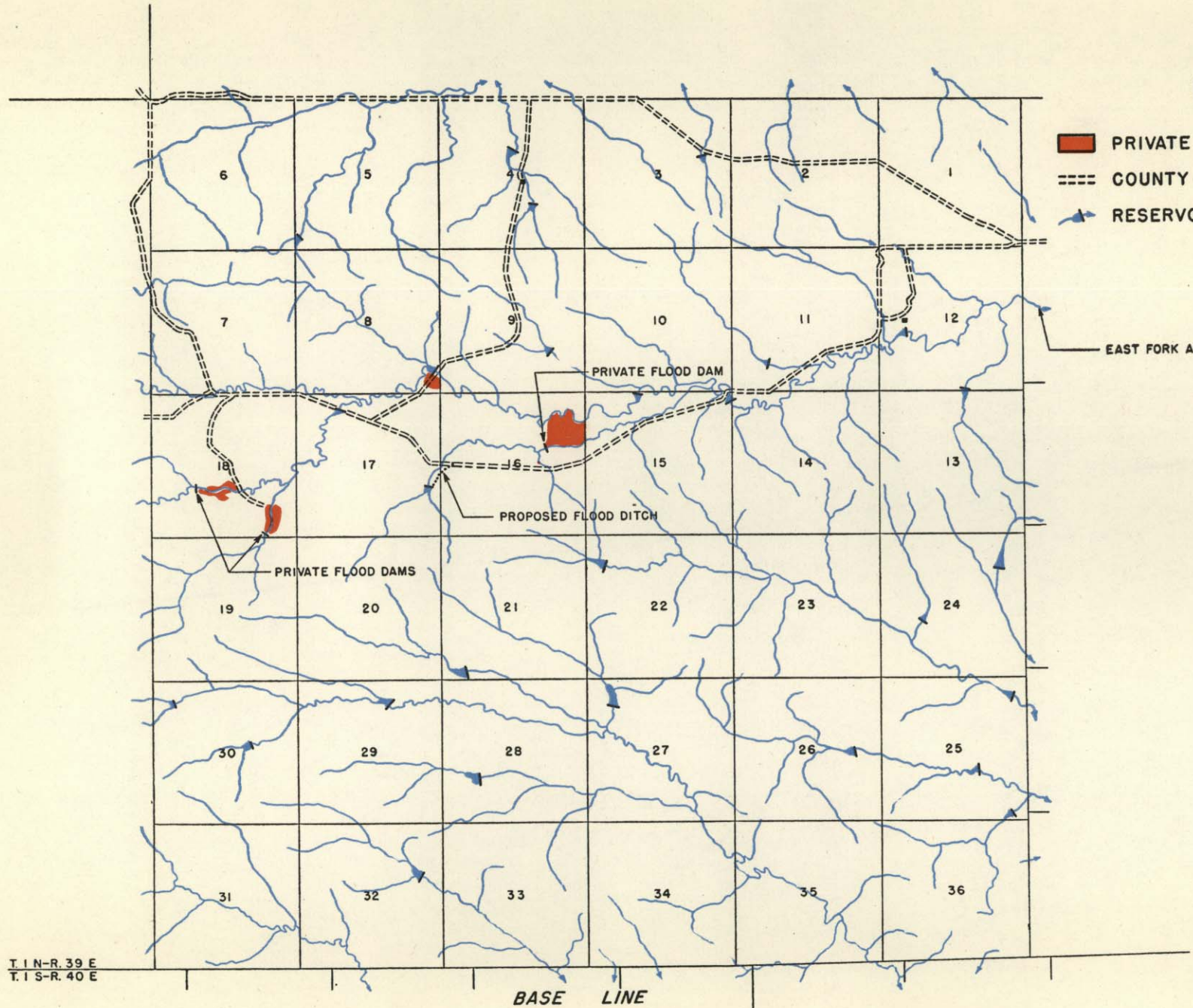


LEGEND

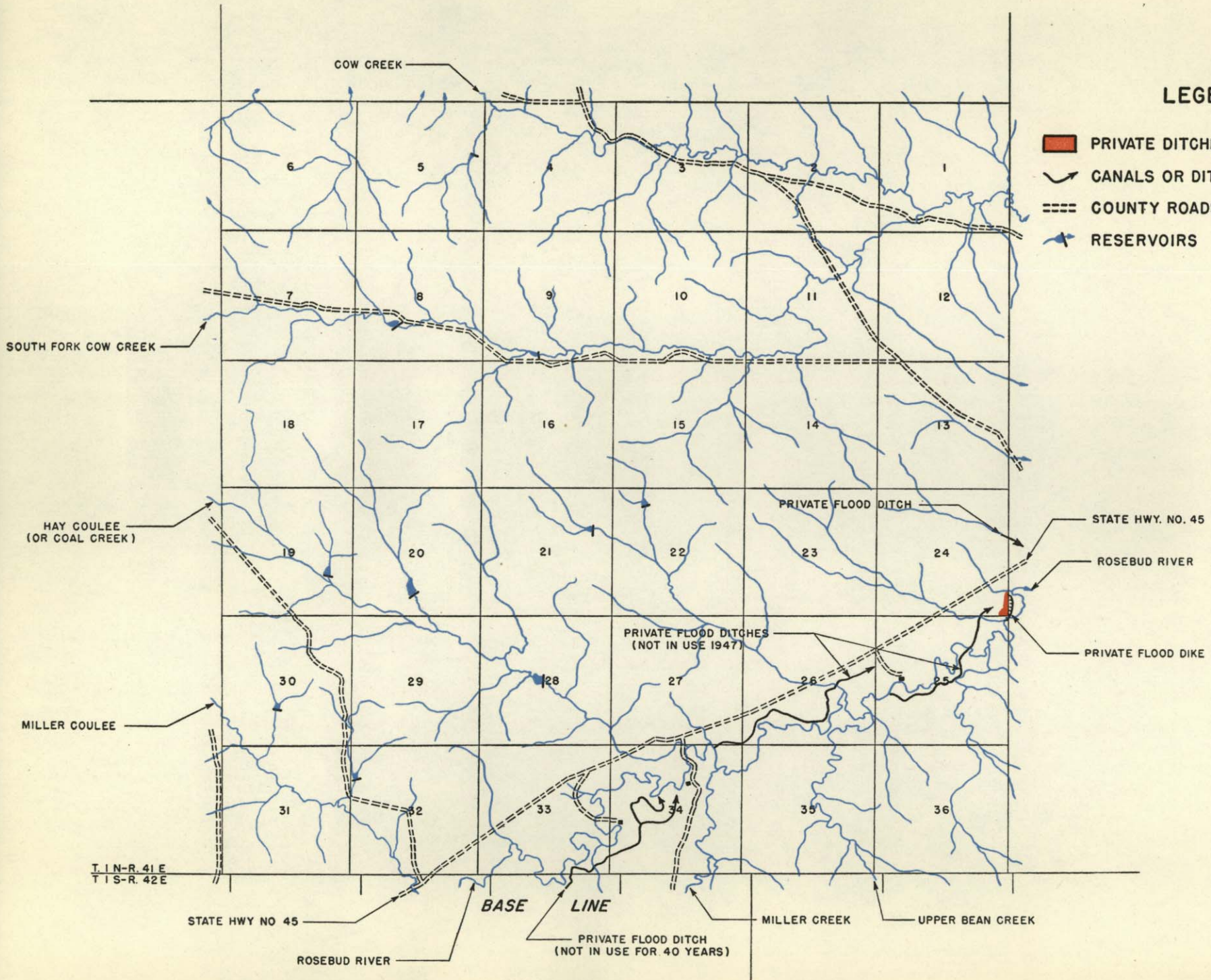
- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS
- RESERVOIRS

LEGEND

- PRIVATE
- COUNTY ROADS
- RESERVOIRS

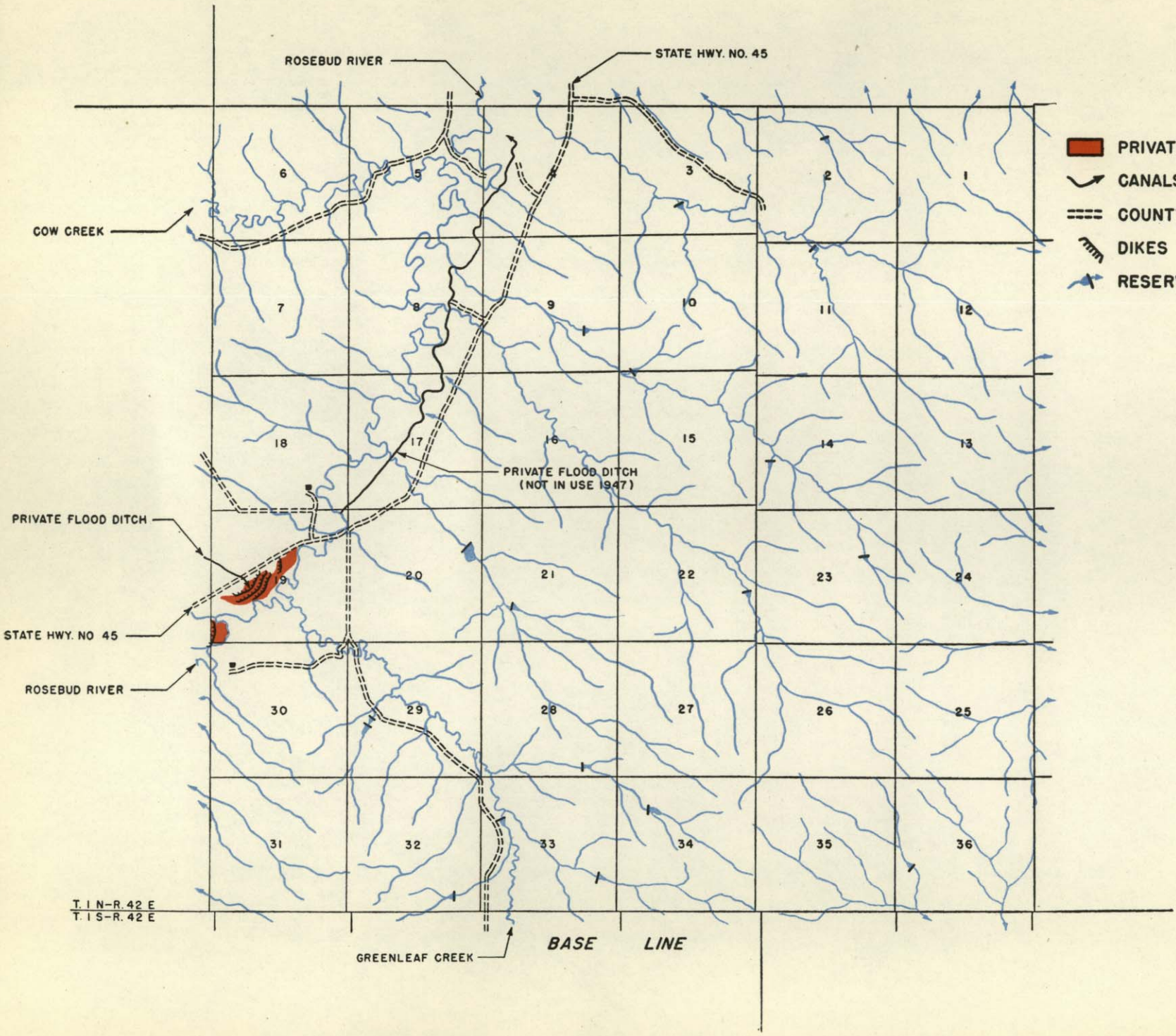


T. 1 N-R. 39 E
T. 1 S-R. 40 E



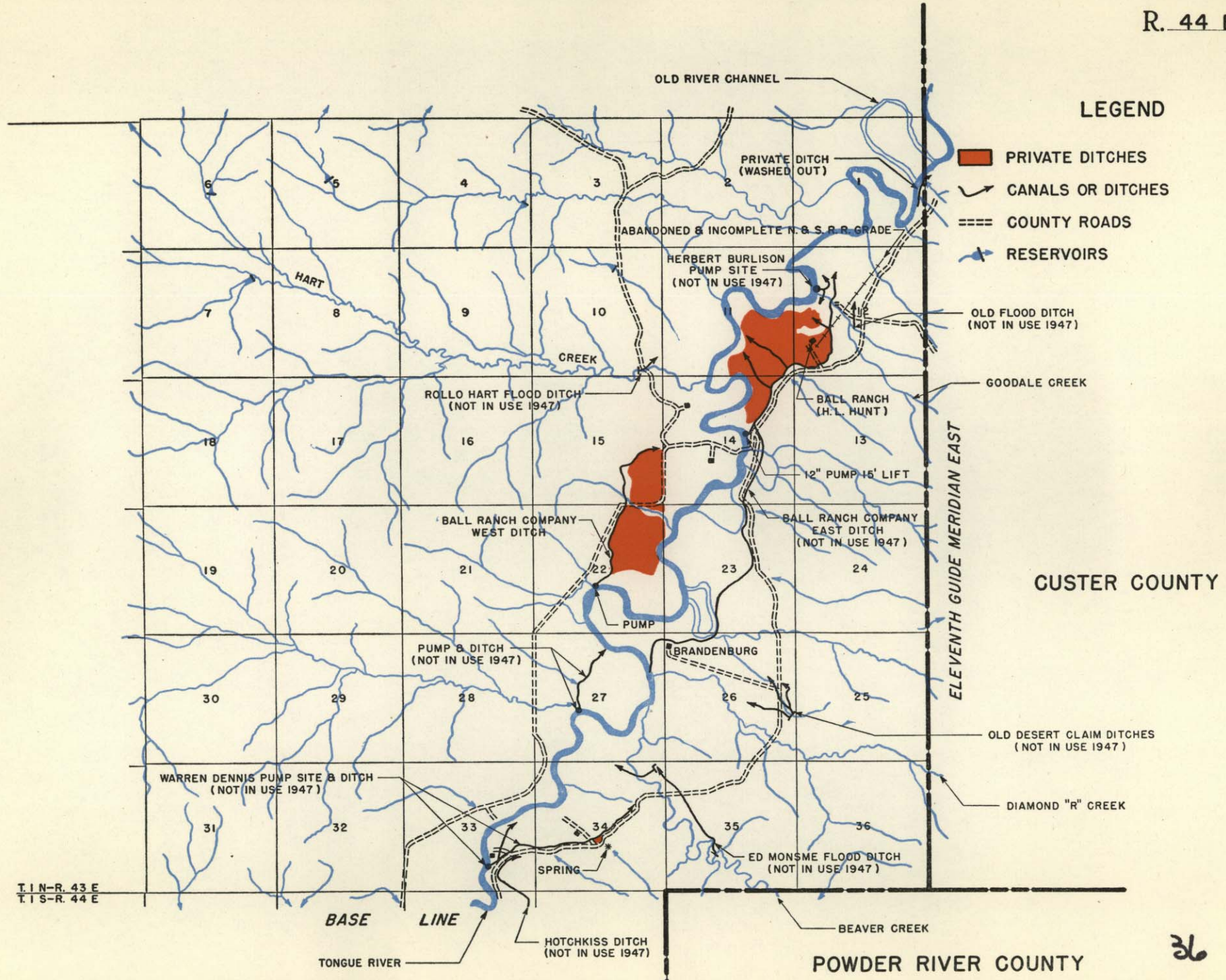
LEGEND

- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS
- RESERVOIRS

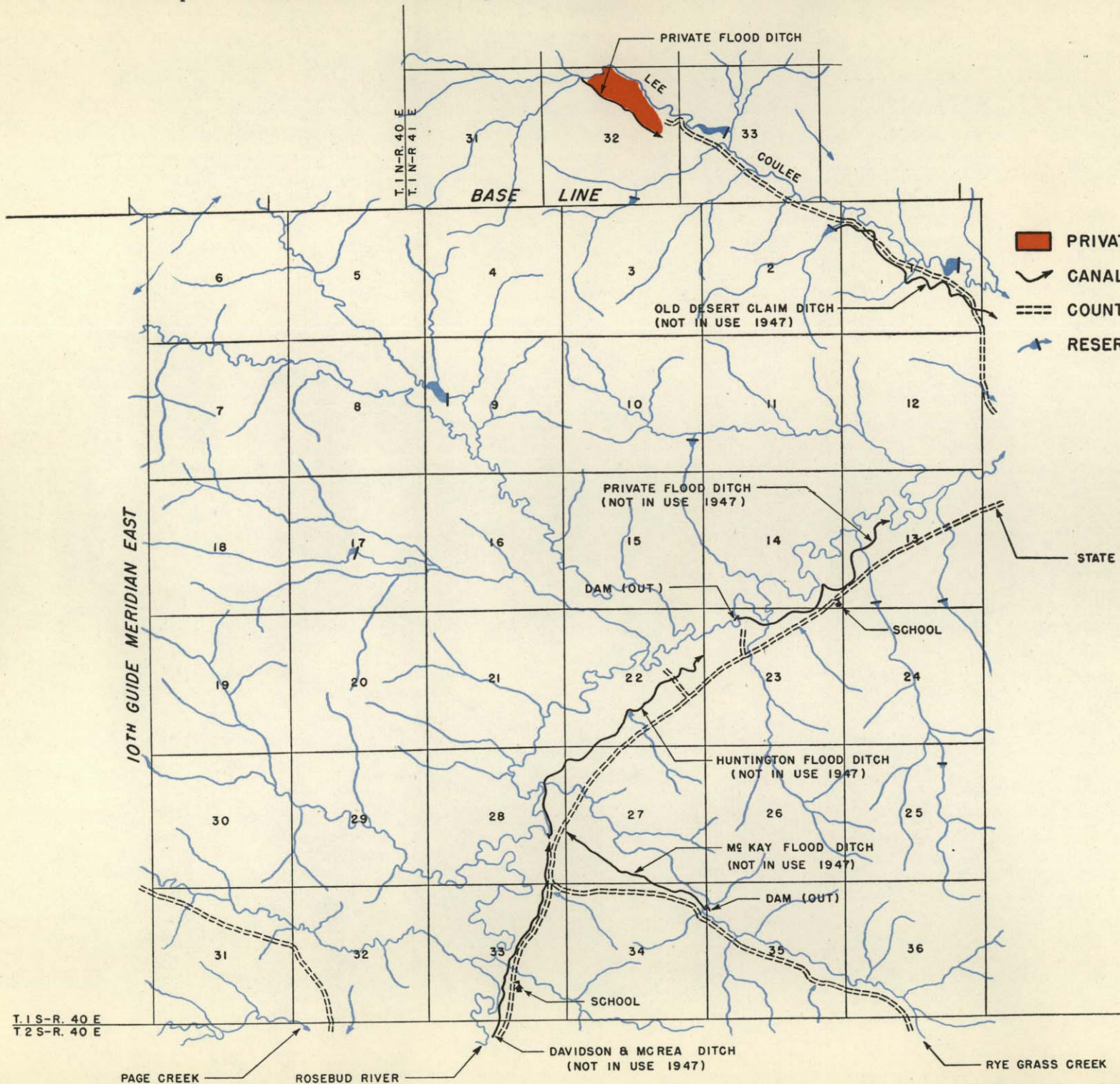


LEGEND

- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS
- DIKES
- RESERVOIRS



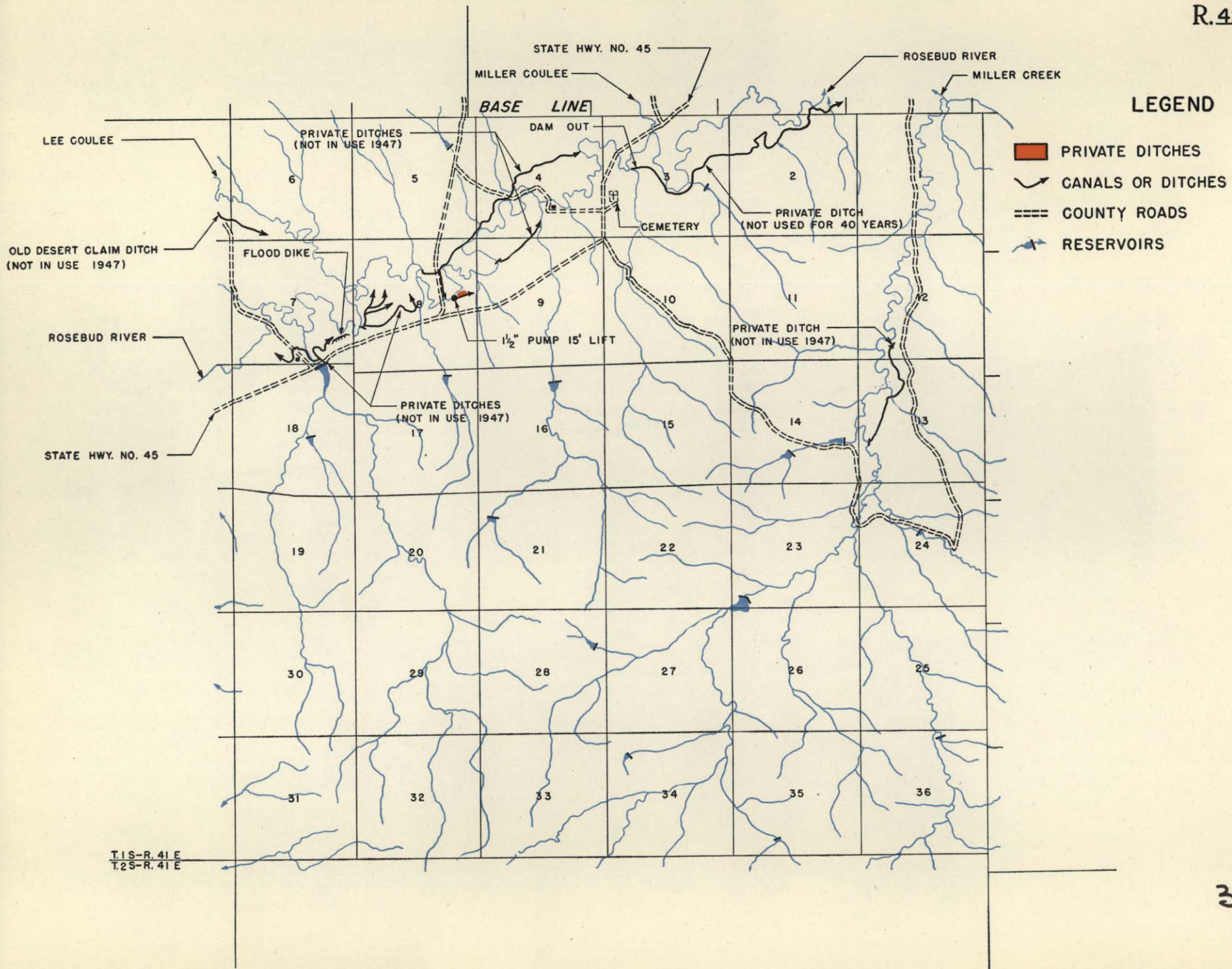
T. 1 N-R. 43 E
T. 1 S-R. 44 E



LEGEND

- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS
- RESERVOIRS

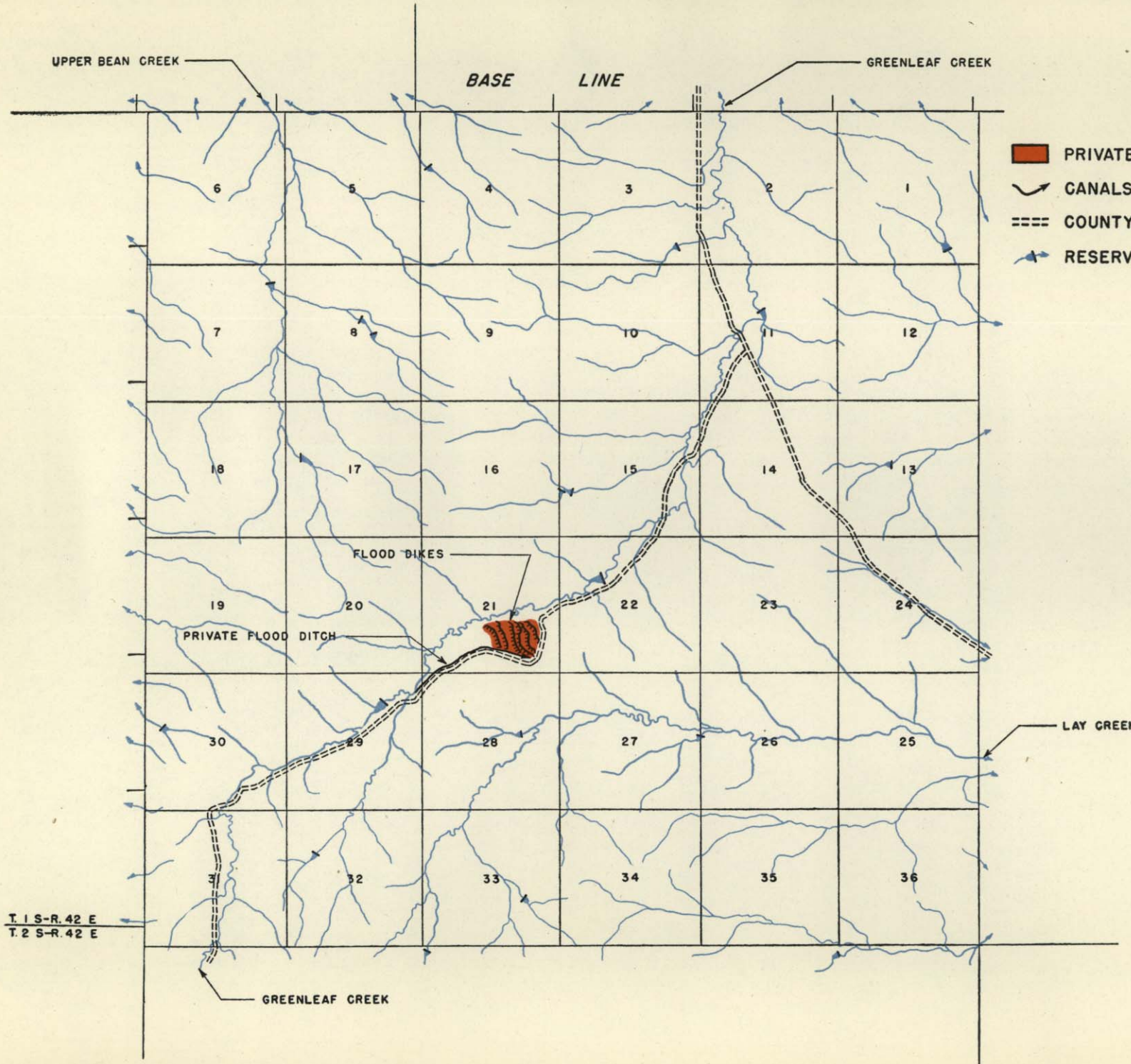
STATE HWY. NO. 45



LEGEND

- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS
- RESERVOIRS

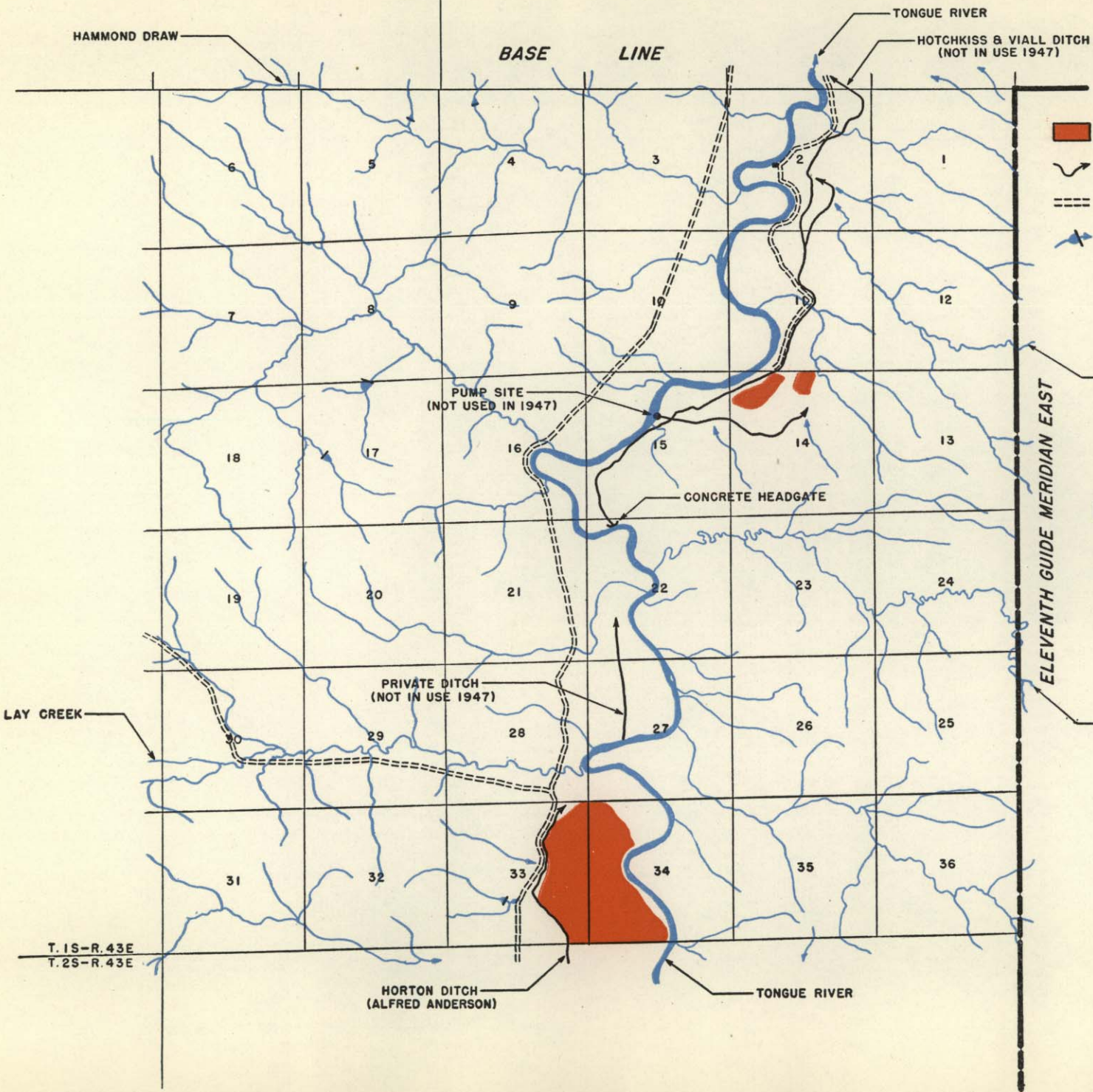
T. 1 S - R. 41 E
T. 2 S - R. 41 E



LEGEND

- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS
- RESERVOIRS

T. 1 S-R. 42 E
T. 2 S-R. 42 E



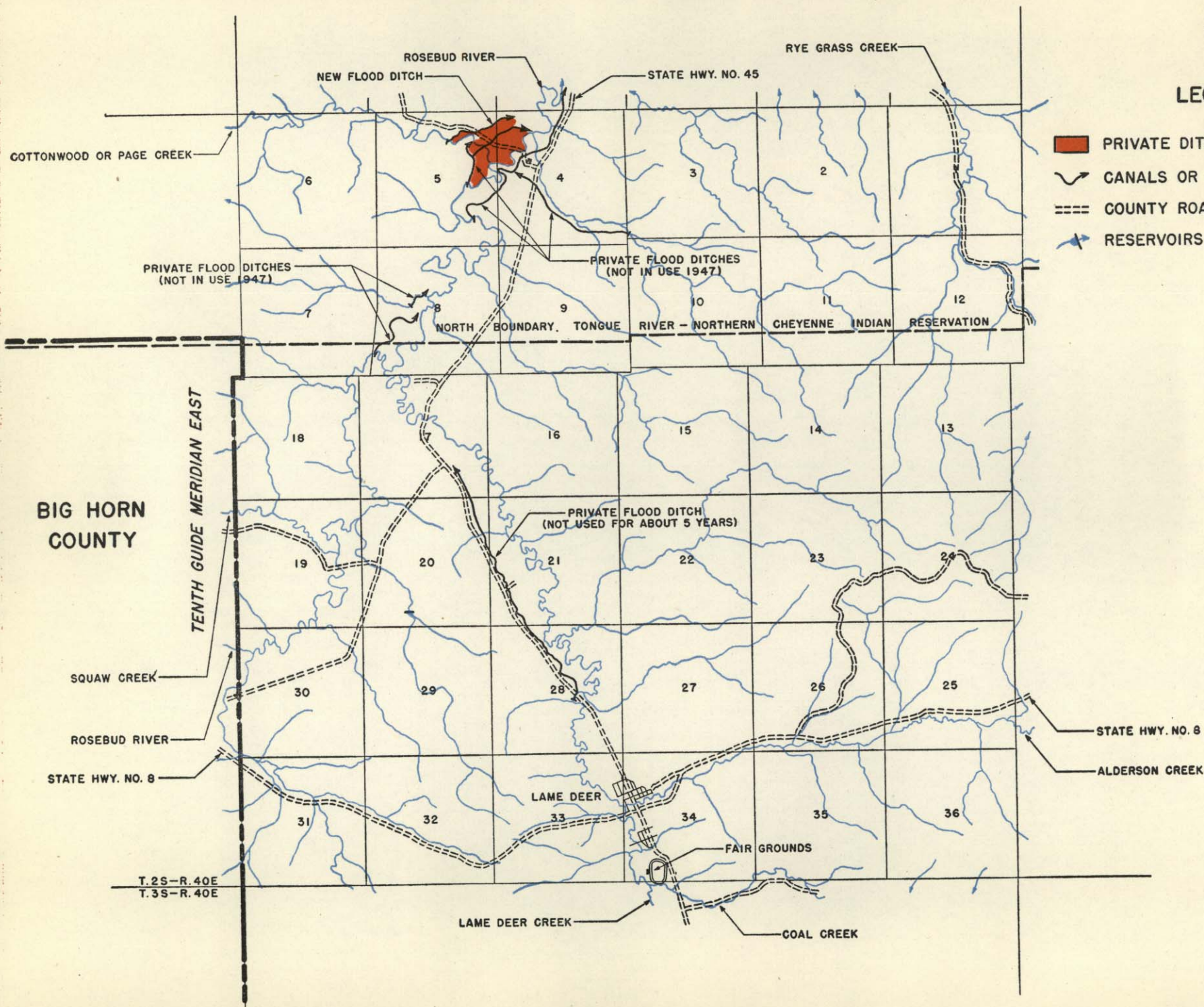
LEGEND

- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS
- RESERVOIRS

POWDER RIVER COUNTY

ELEVENTH GUIDE MERIDIAN EAST

T. 1S-R. 43E
T. 2S-R. 43E

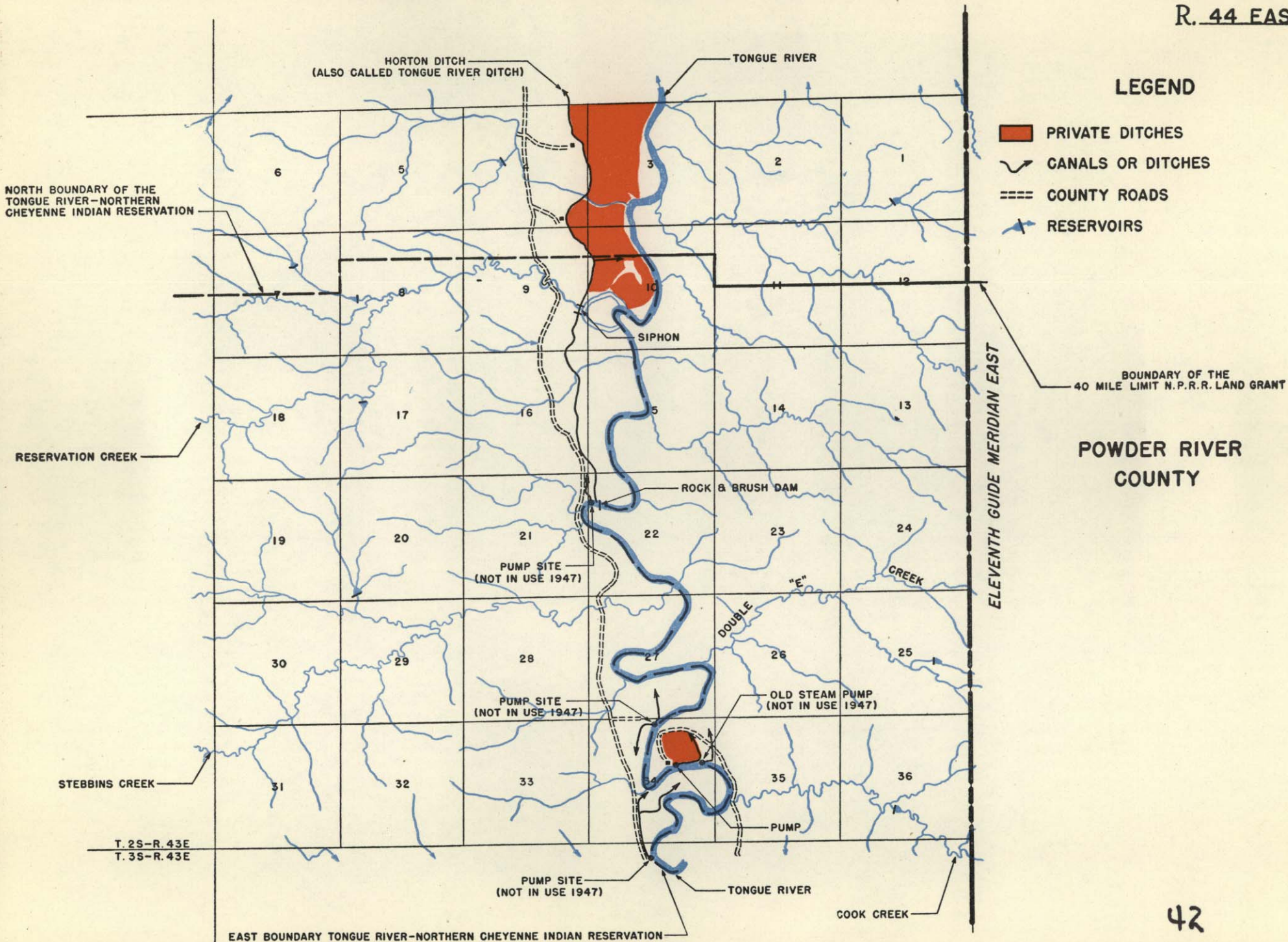


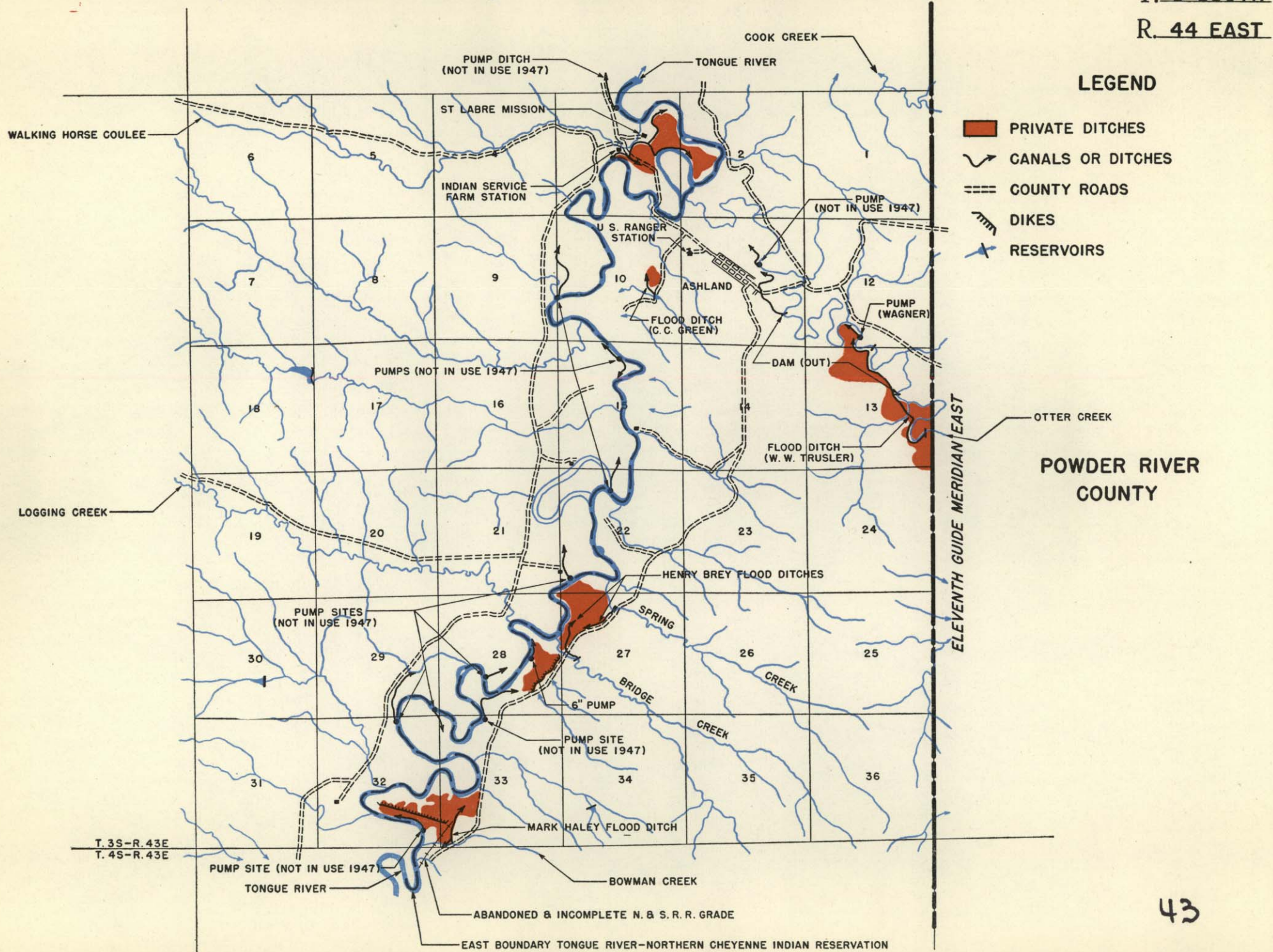
LEGEND

- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS
- RESERVOIRS

BIG HORN COUNTY

TENTH GUIDE MERIDIAN EAST





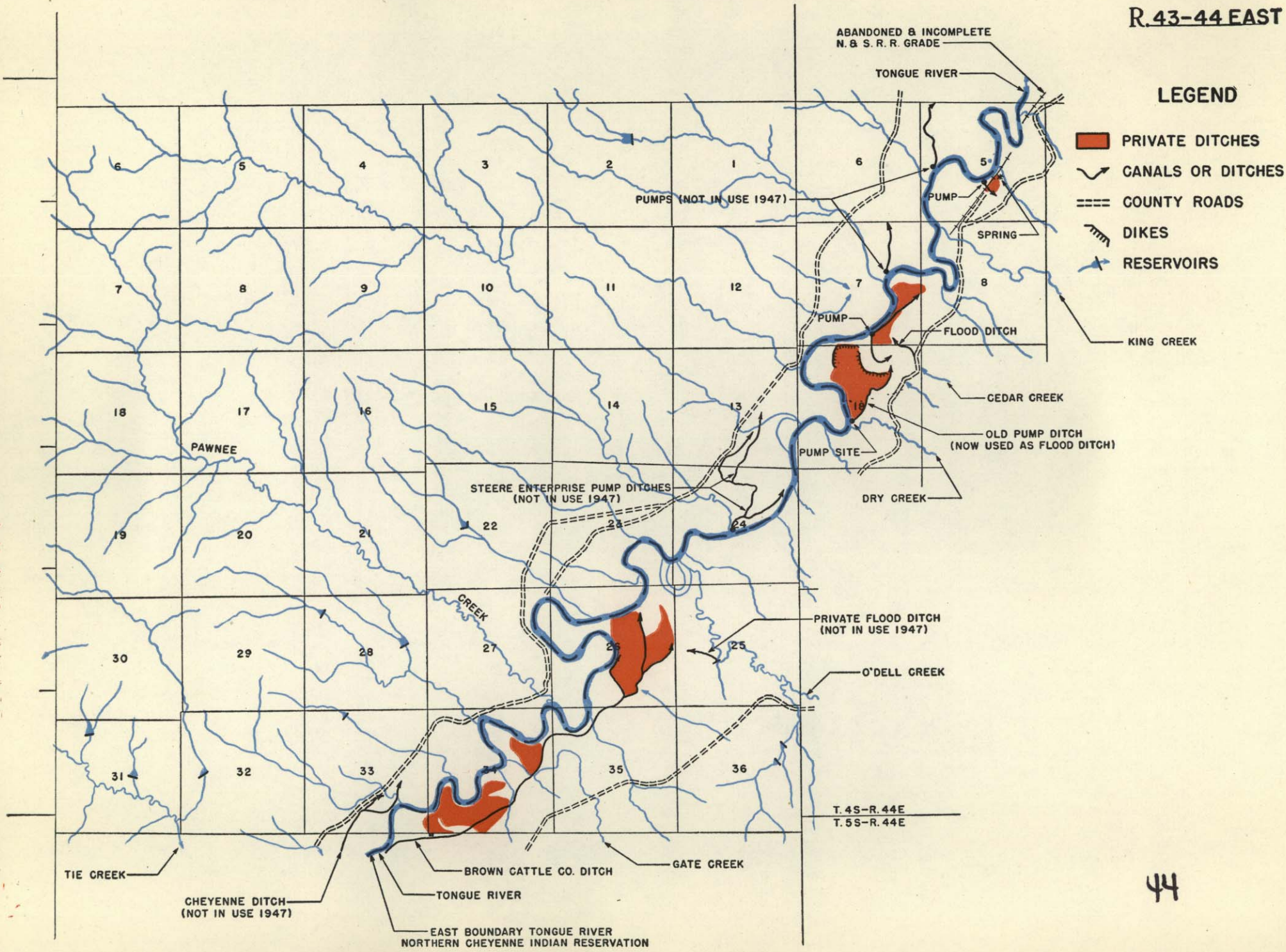
LEGEND

- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS
- DIKES
- RESERVOIRS

POWDER RIVER COUNTY

ELEVENTH GUIDE MERIDIAN EAST

T. 3S-R. 43E
T. 4S-R. 43E



LEGEND

- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS
- DIKES
- RESERVOIRS

KING CREEK

CEDAR CREEK

OLD PUMP DITCH (NOW USED AS FLOOD DITCH)

DRY CREEK

PRIVATE FLOOD DITCH (NOT IN USE 1947)

O'DELL CREEK

T. 4S-R. 44E
T. 5S-R. 44E

TIE CREEK

CHEYENNE DITCH (NOT IN USE 1947)

BROWN CATTLE CO. DITCH

TONGUE RIVER

EAST BOUNDARY TONGUE RIVER
NORTHERN CHEYENNE INDIAN RESERVATION

PUMPS (NOT IN USE 1947)

STEERE ENTERPRISE PUMP DITCHES (NOT IN USE 1947)

ABANDONED & INCOMPLETE
N. & S. R. R. GRADE

TONGUE RIVER

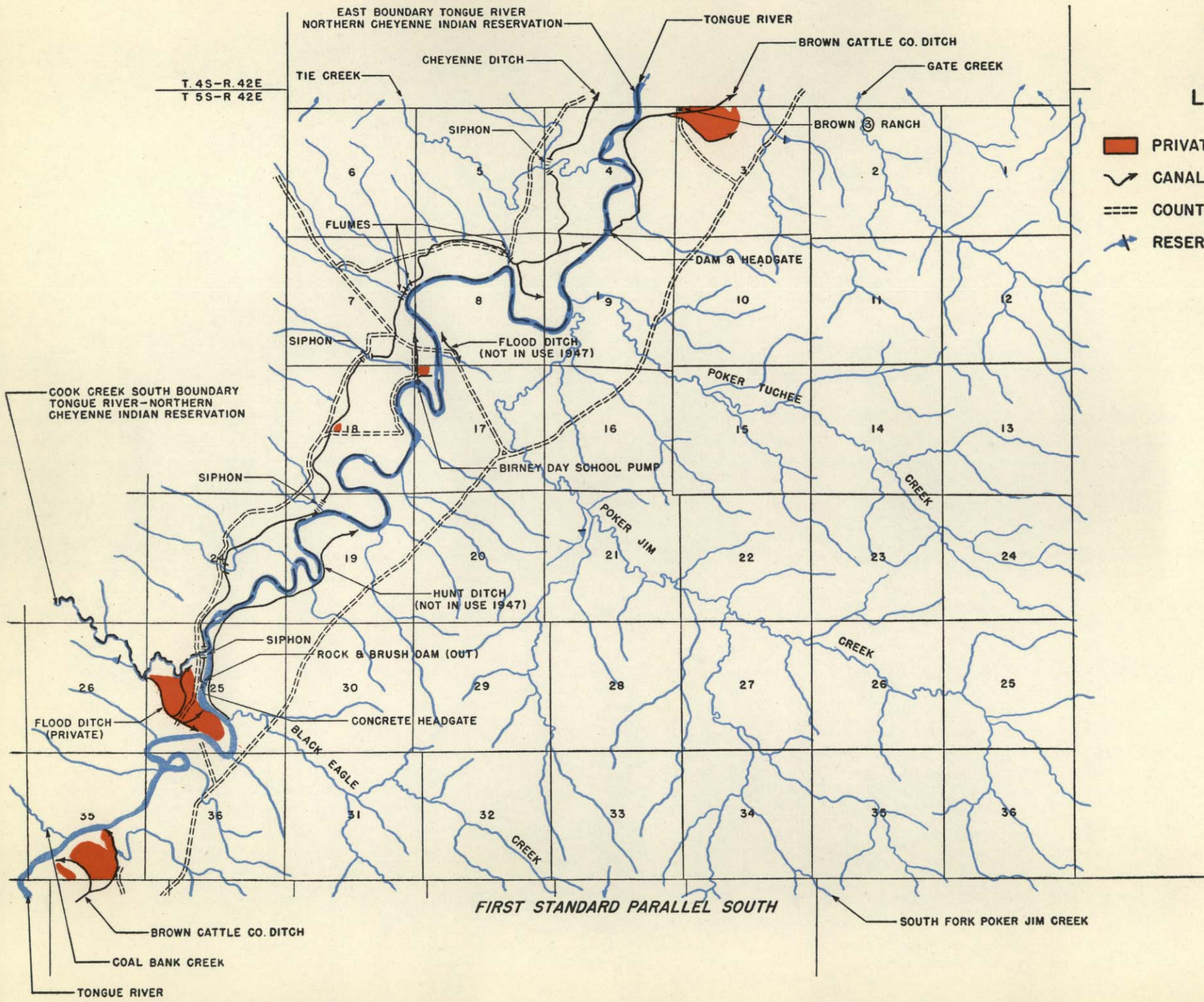
PUMP

SPRING

FLOOD DITCH

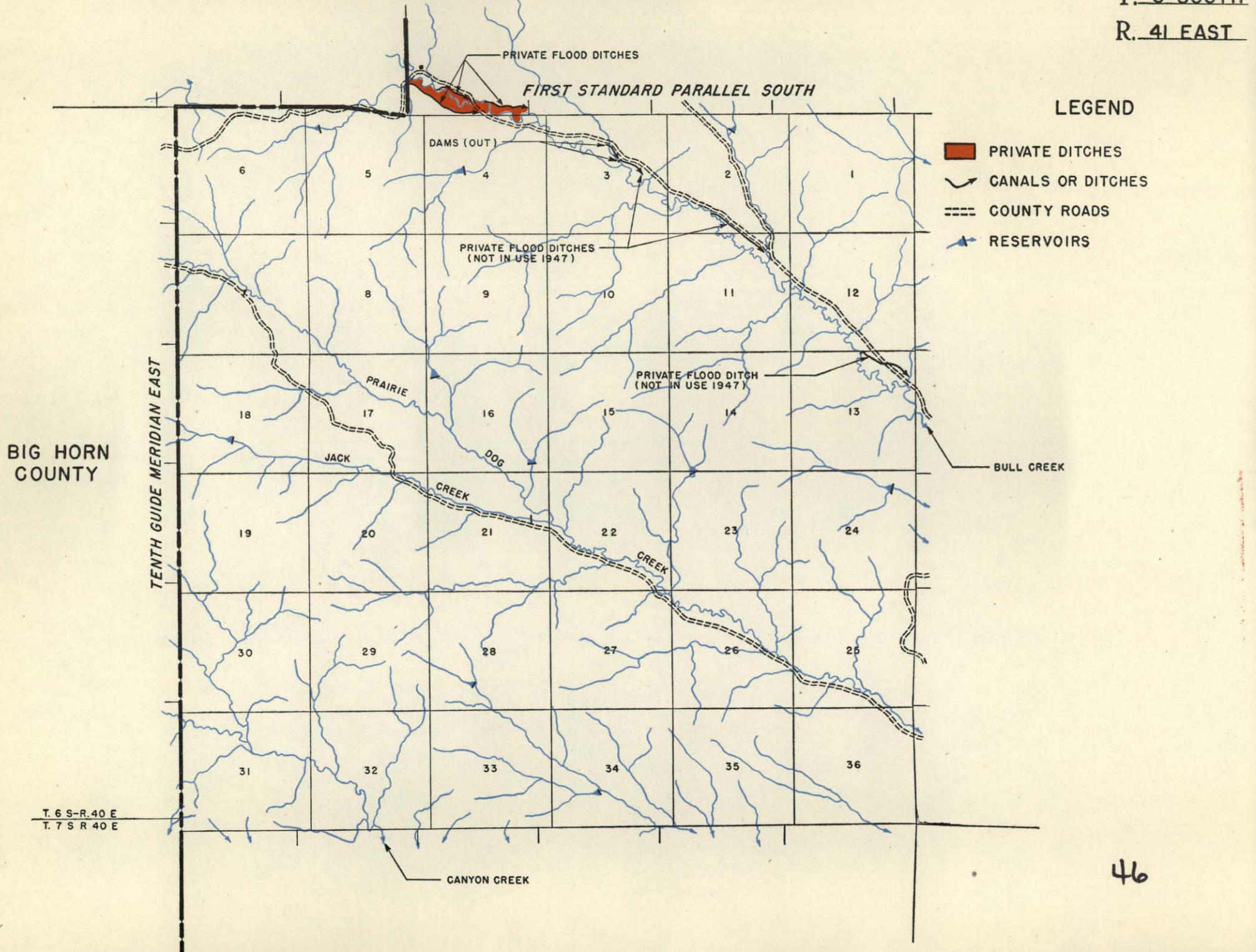
PUMP SITE

GATE CREEK



LEGEND

- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS
- RESERVOIRS



LEGEND

- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS
- RESERVOIRS

BIG HORN COUNTY

T. 6 S - R. 40 E
T. 7 S R 40 E

(ALSO CALLED BROWNS GULCH)

FIRST STANDARD PARALLEL SOUTH

LEGEND

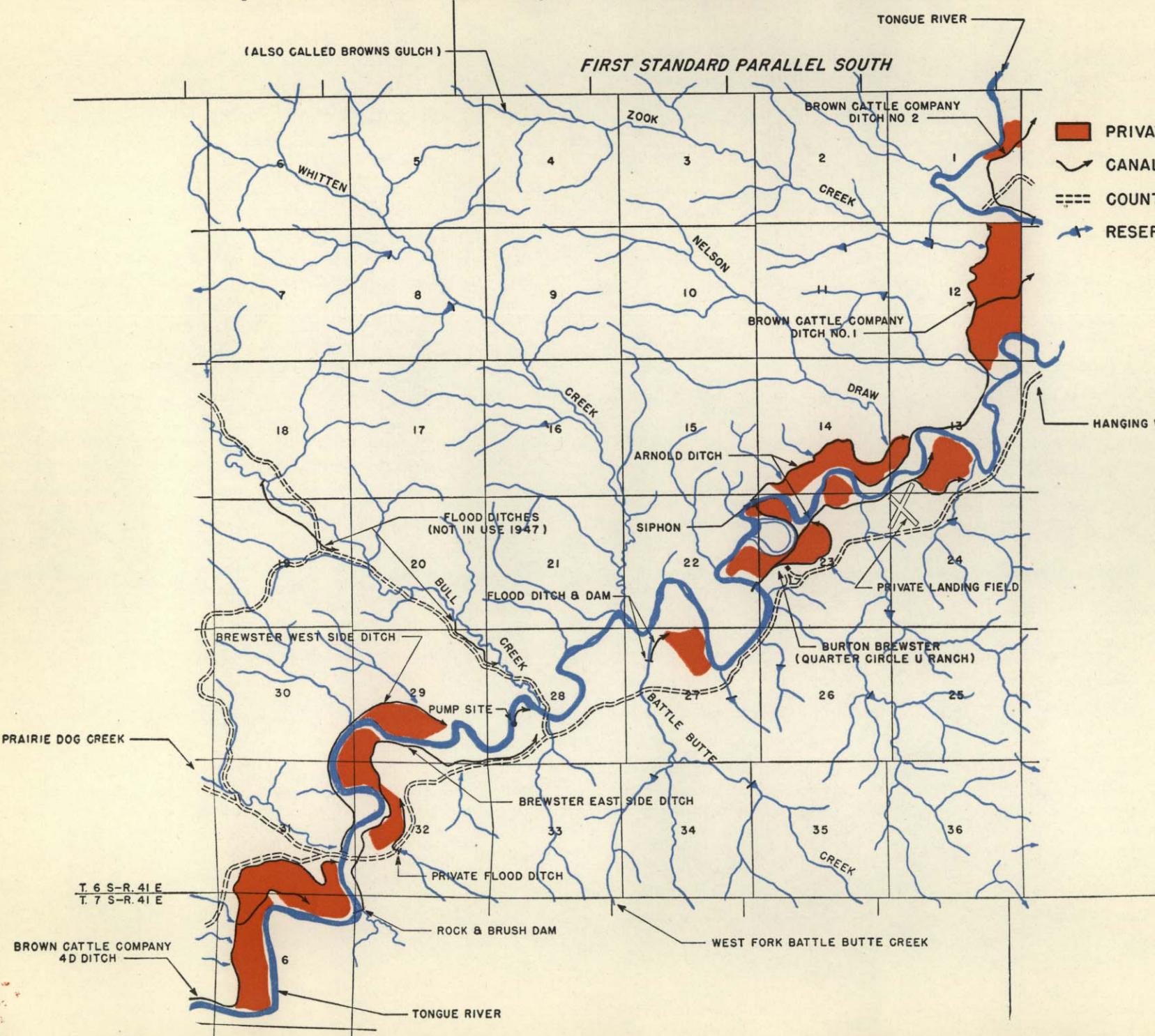
- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS
- RESERVOIRS

PRAIRIE DOG CREEK

T. 6 S-R. 41 E
T. 7 S-R. 41 E

BROWN CATTLE COMPANY
4D DITCH

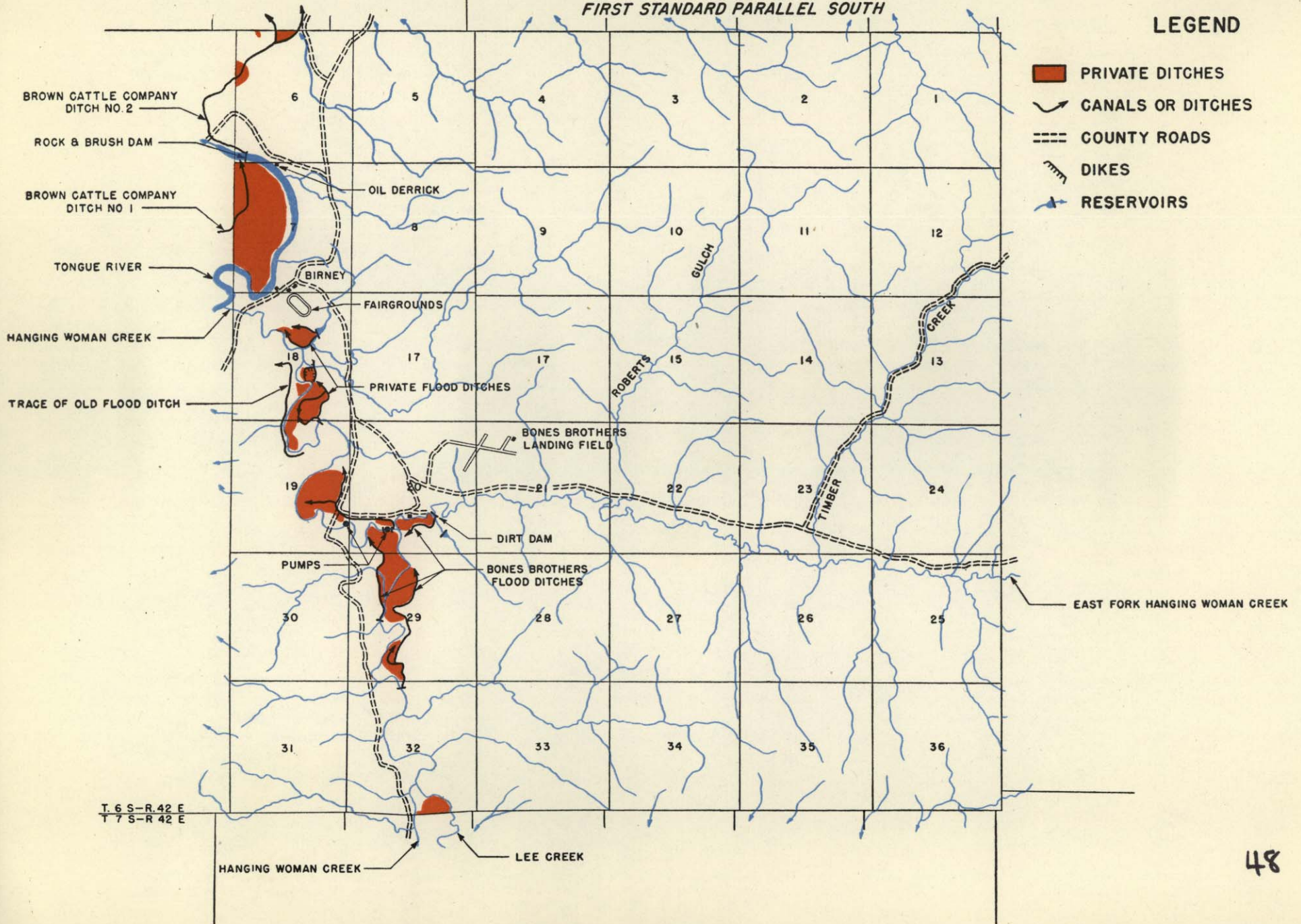
TONGUE RIVER



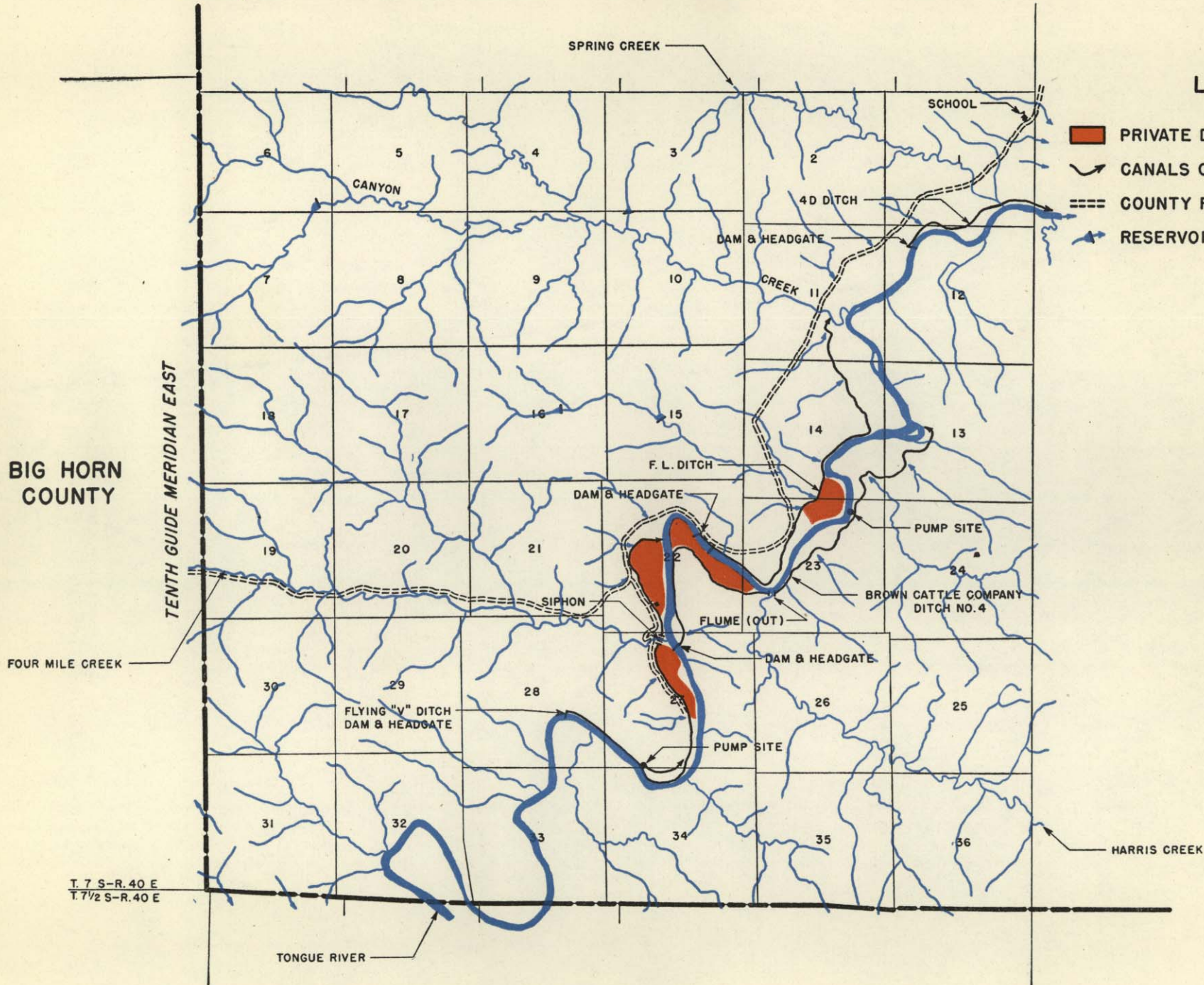
FIRST STANDARD PARALLEL SOUTH

LEGEND

- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS
- DIKES
- RESERVOIRS



T. 6 S-R. 42 E
T. 7 S-R. 42 E



LEGEND

- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS
- RESERVOIRS

BIG HORN COUNTY

TENTH GUIDE MERIDIAN EAST

BIG HORN COUNTY

