

# WATER RESOURCES SURVEY CARBON COUNTY, MONTANA

## PART II

Maps showing irrigated areas in colors  
designating the sources of supply



Published by  
**STATE ENGINEER**  
and

**STATE WATER CONSERVATION BOARD**  
Helena, Montana  
May, 1946

RECORDS  
MANAGEMENT  
WRS COPY

**Water Resources Survey**  
**Carbon County**  
**Montana**

**Part II**

**Maps Showing Irrigated Areas**

Published by  
**STATE ENGINEER**  
and  
**STATE WATER CONSERVATION BOARD**

Helena, Montana  
May, 1946



STATE ENGINEER'S OFFICE

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

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, Consultant and Project Leader, Bozeman

May, 1946

Hon. Sam C. Ford  
Capitol Building  
Helena, Montana

Dear Governor Ford:

Submitted herewith is a consolidated report on the water resources survey of Carbon County, Montana. This work is being carried on by funds made available to the State Engineer and the State Water Conservation Board by the 29th Legislative Session, 1945.

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.





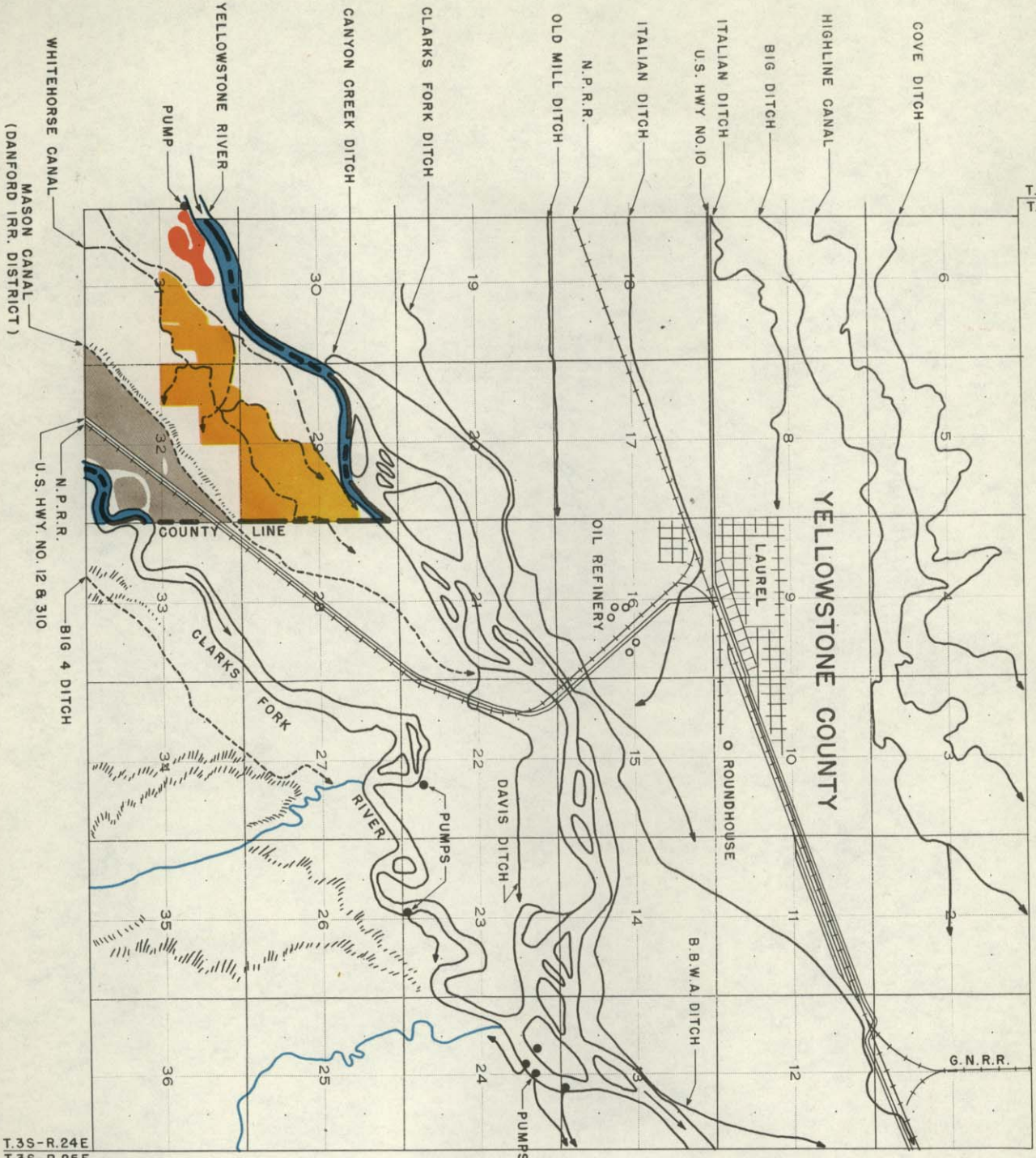
Township No. 2 SOUTH

Range No. 24 EAST

County CARBON

T. 2 S  
R. 24 E

T. 1S-R. 23E  
T. 1S-R. 24E



**LEGEND**

- DANFORD DISTRICT
- WHITEHORSE
- PRIVATE

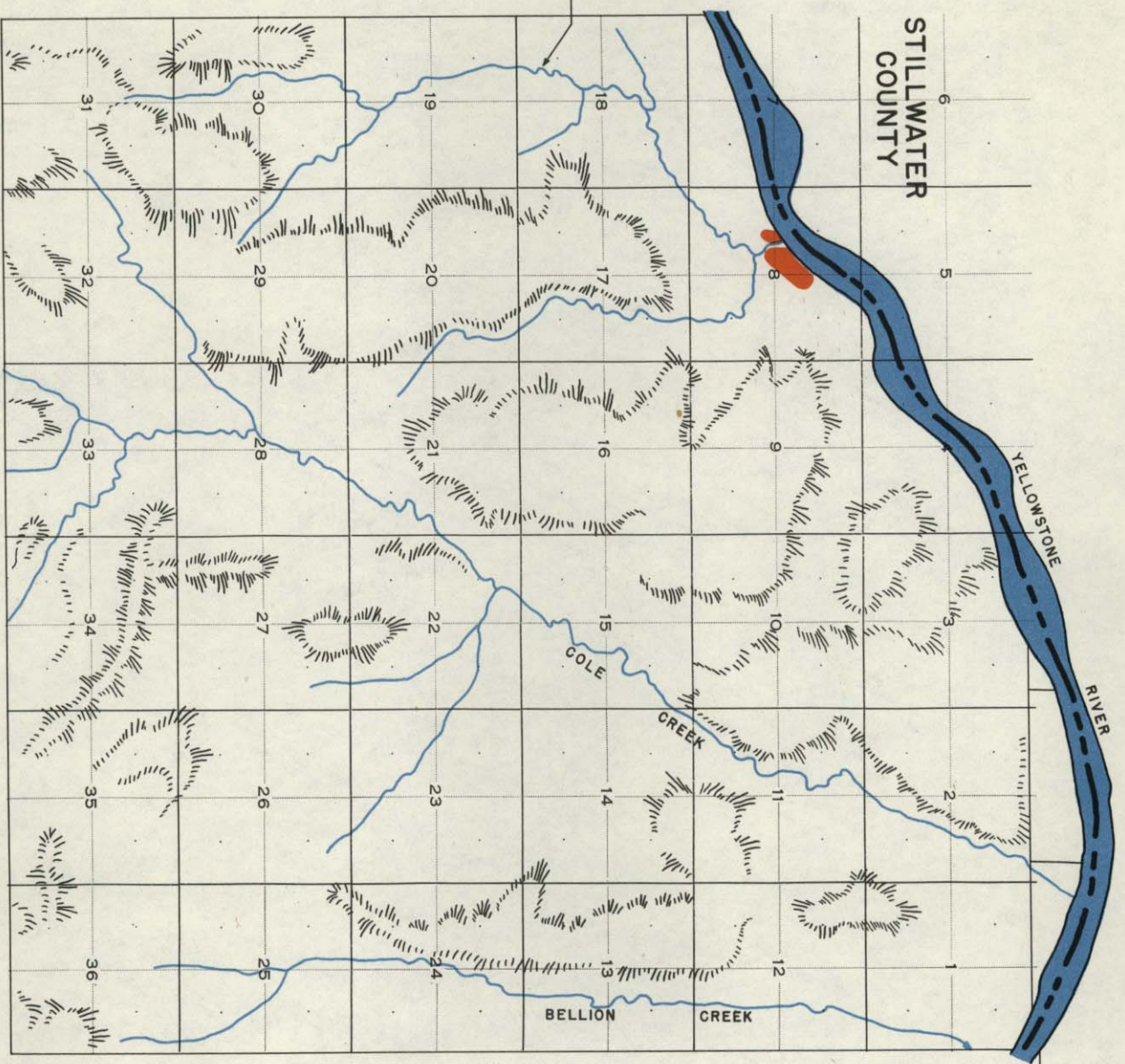
T. 3S-R. 24E  
T. 3S-R. 25E





Township No. 3 SOUTH  
 Range No. 22 EAST  
 County CARBON

T. 3 S  
 R. 22 E



T. 3 S - R. 23 E  
**PRIVATE**  
 LEGEND





Township No. 3 SOUTH

Range No. 23 EAST

County CARBON

T. 3 S  
R. 23 E

# STILLWATER COUNTY

YELLOWSTONE COUNTY

YELLOWSTONE RIVER

PECK GULCH

SPRING

MASON CANAL (DANFORD IRR. DIST.)

SPRING

CLARKS FORK RIVER

GLENNWOOD DITCH

PUMP




FREE SILVER CANAL  
SMITH DITCH  
U.S. HWY. NO. 12 & 310  
N.P.R.R.

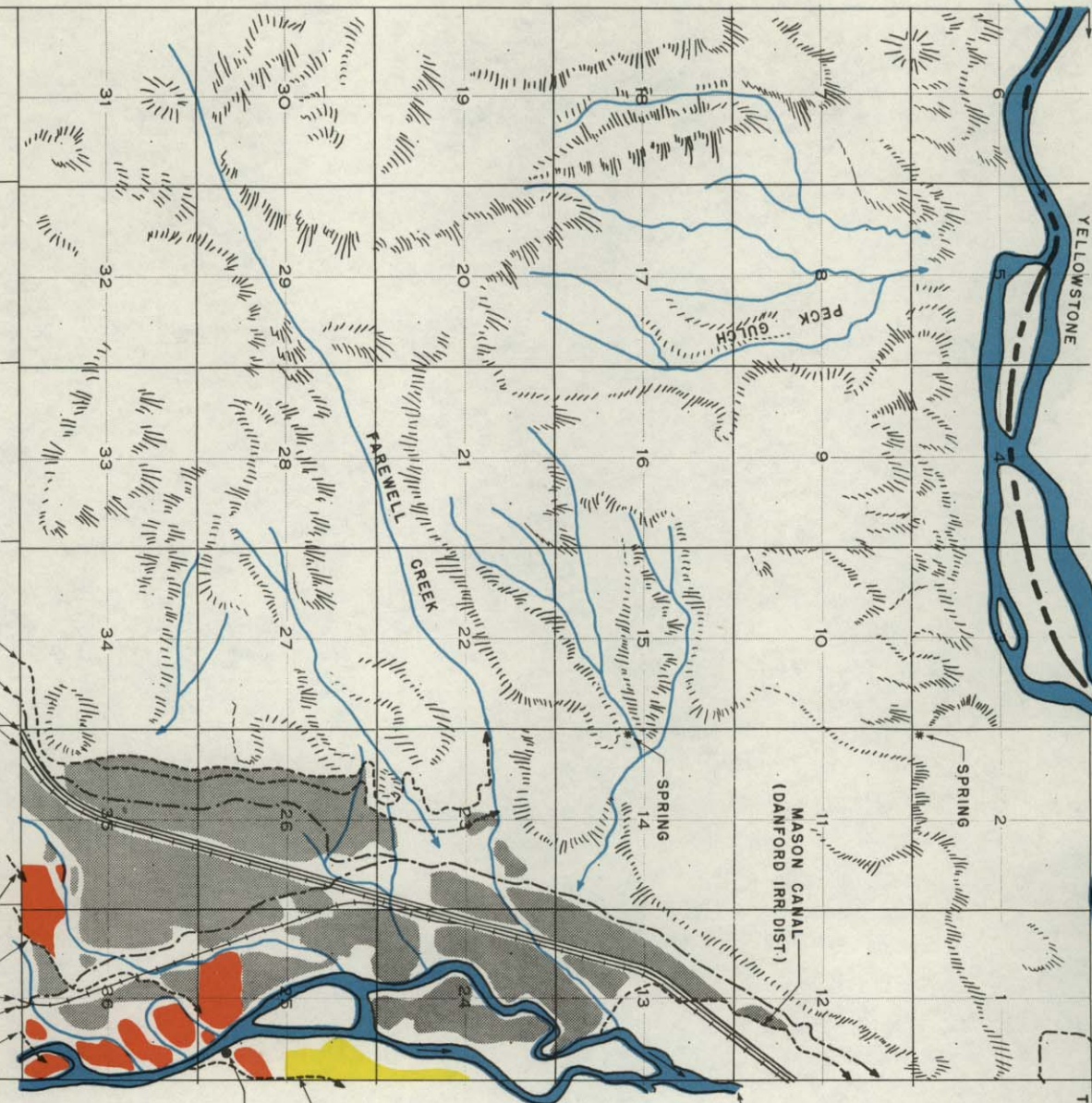
NUTTING DITCH  
JANE BOULDEN DITCH  
WHITE HORSE CANAL  
N.P.R.R.

HOMER WORTH DITCH

T. 25-R. 24E  
T. 35-R. 24E

## LEGEND

-  FREE SILVER & SMITH DI
-  GLENNWOOD
-  PRIVATE



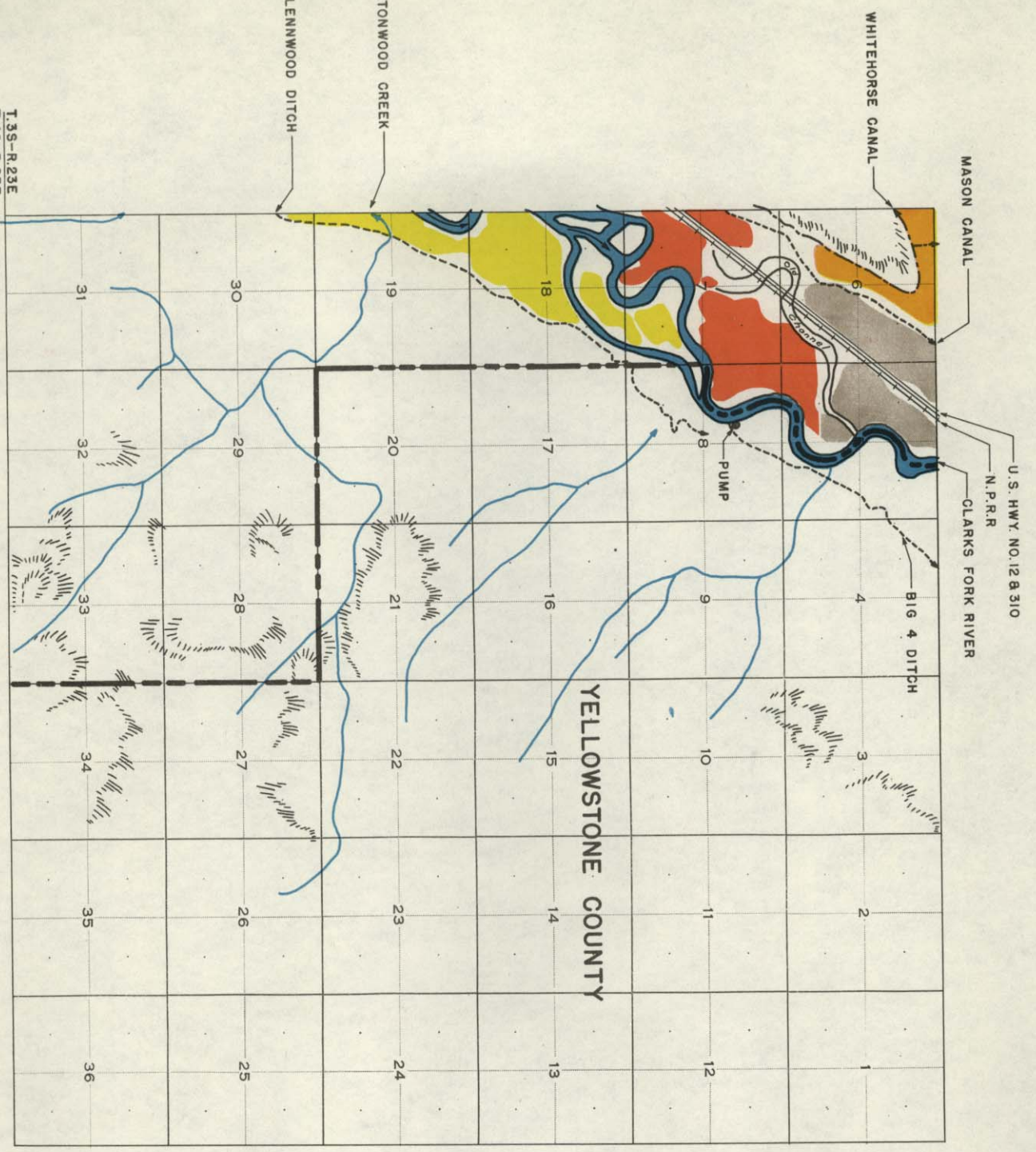
T. 45-R. 22E  
T. 45-R. 23E





Township No. 3 SOUTH Range No. 24 EAST County CARBON

T. 3 S R. 24 E



- LEGEND**
- DANFORD DISTRICT
  - GLENNWOOD
  - WHITEHORSE
  - PRIVATE

T. 3S-R. 23E  
T. 4S-R. 23E





Township No. 4 SOUTH

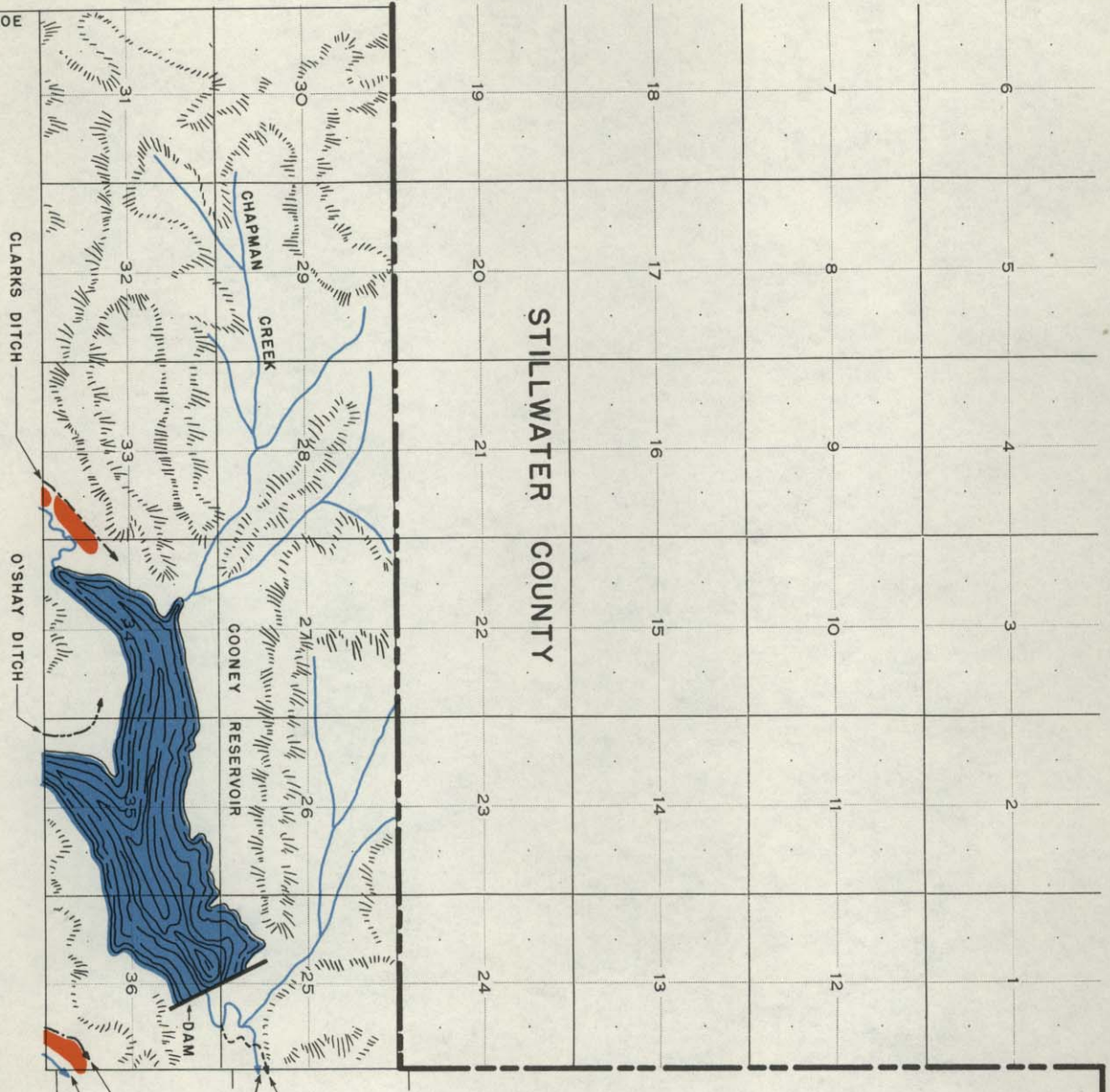
Range No. 20 EAST

County CARBON


T. 4 SOUTH  
R. 20 EAST

T. 5S-R. 20E

# STILLWATER COUNTY



**LEGEND**

 PRIVATE



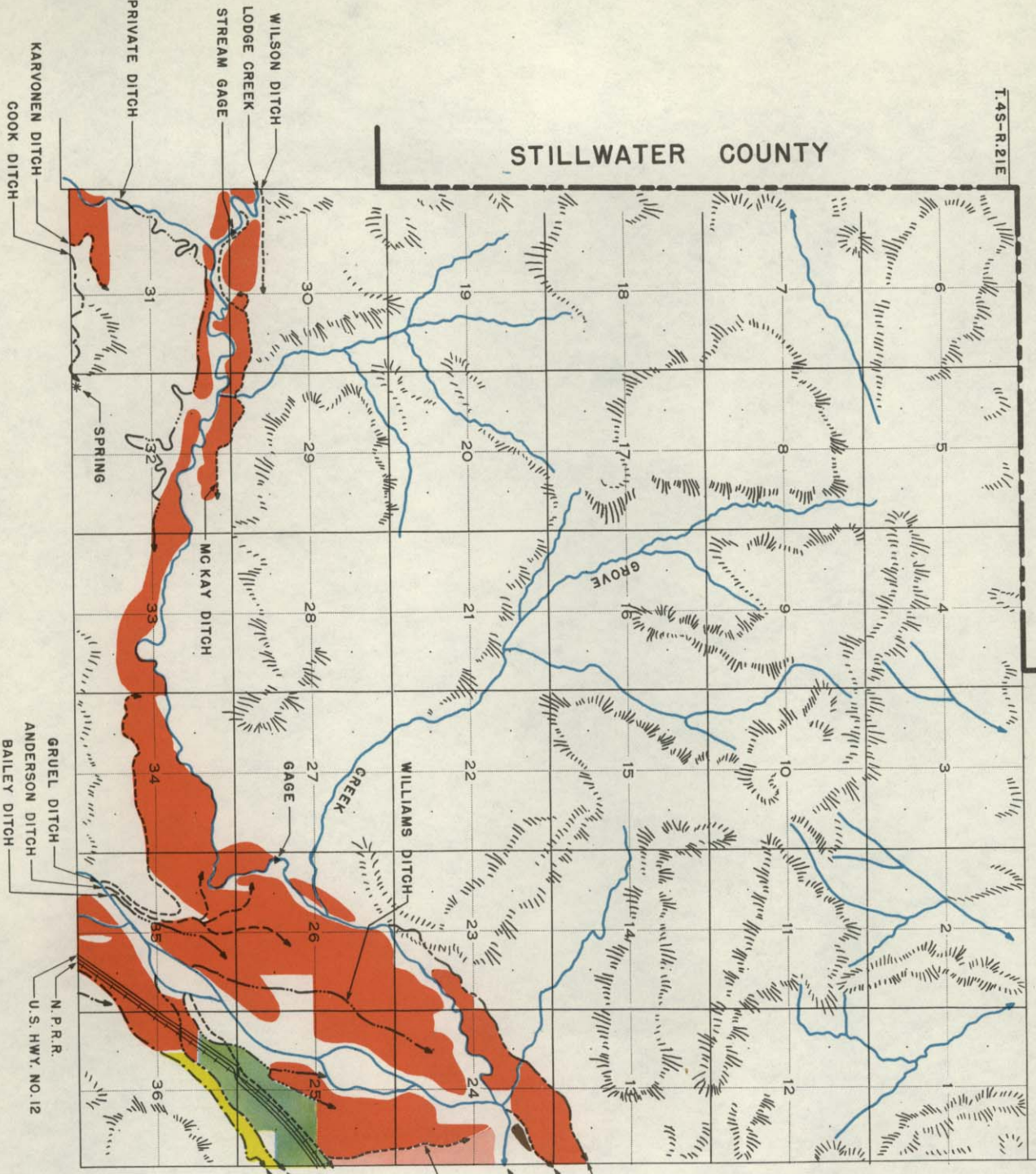


Township No. 4 SOUTH  
 Range No. 21 EAST  
 County CARBON

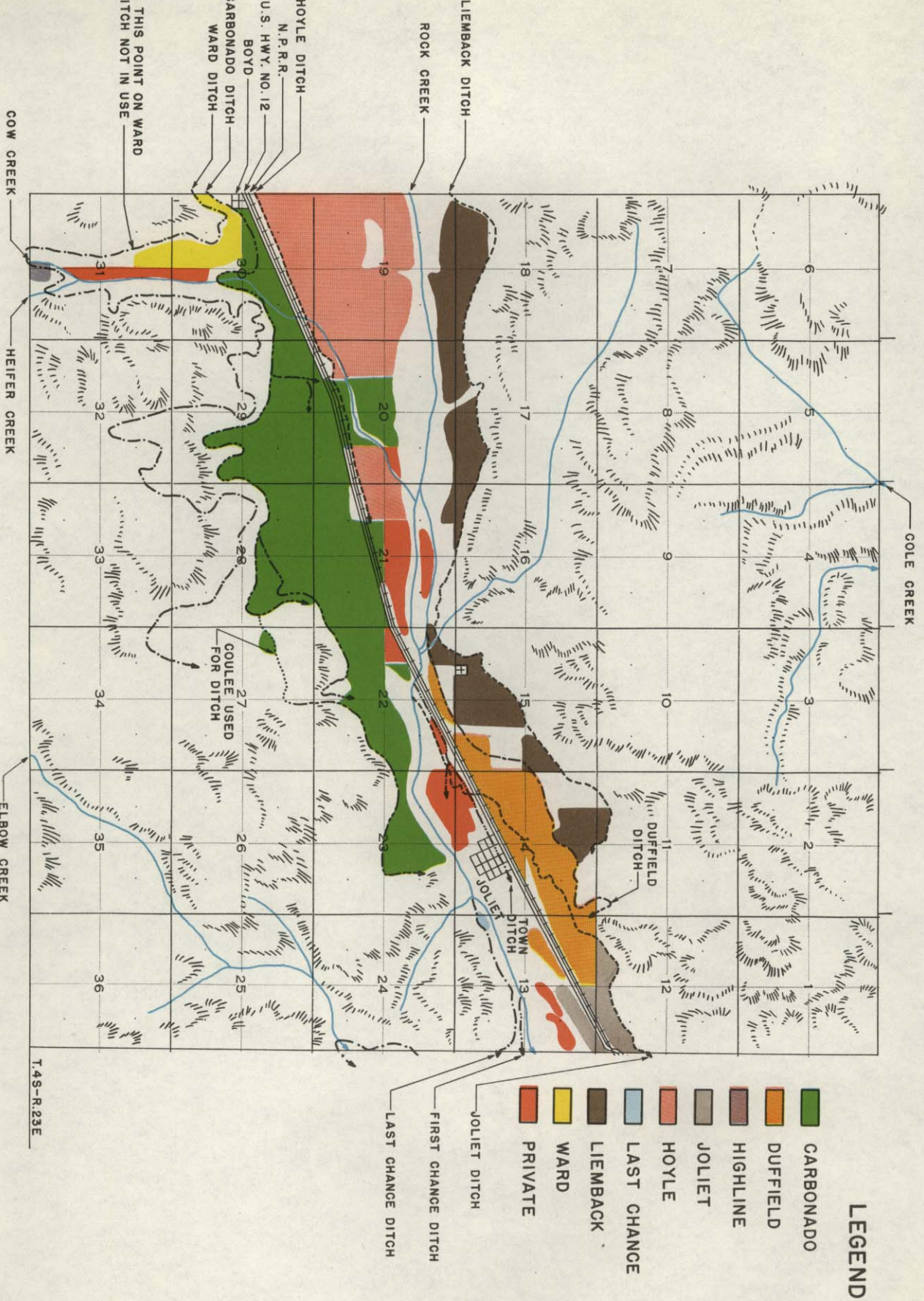
T. 4 S. C.  
 R. 21 E.

# STILLWATER COUNTY

T. 4 S. R. 21 E.







**LEGEND**

- CARBONADO
- DUFFIELD
- HIGHLINE
- JOLIET
- HOYLE
- LAST CHANGE
- LIEMBACK
- WARD
- PRIVATE

- JOLIET DITCH
- FIRST CHANGE DITCH
- LAST CHANGE DITCH

HOYLE DITCH  
N.P.R.R.  
U.S. HWY. NO. 12  
BOYD  
CARBONADO DITCH  
WARD DITCH

COULEE USED FOR DITCH

THIS POINT ON WARD DITCH NOT IN USE

T. 4S-R.23E



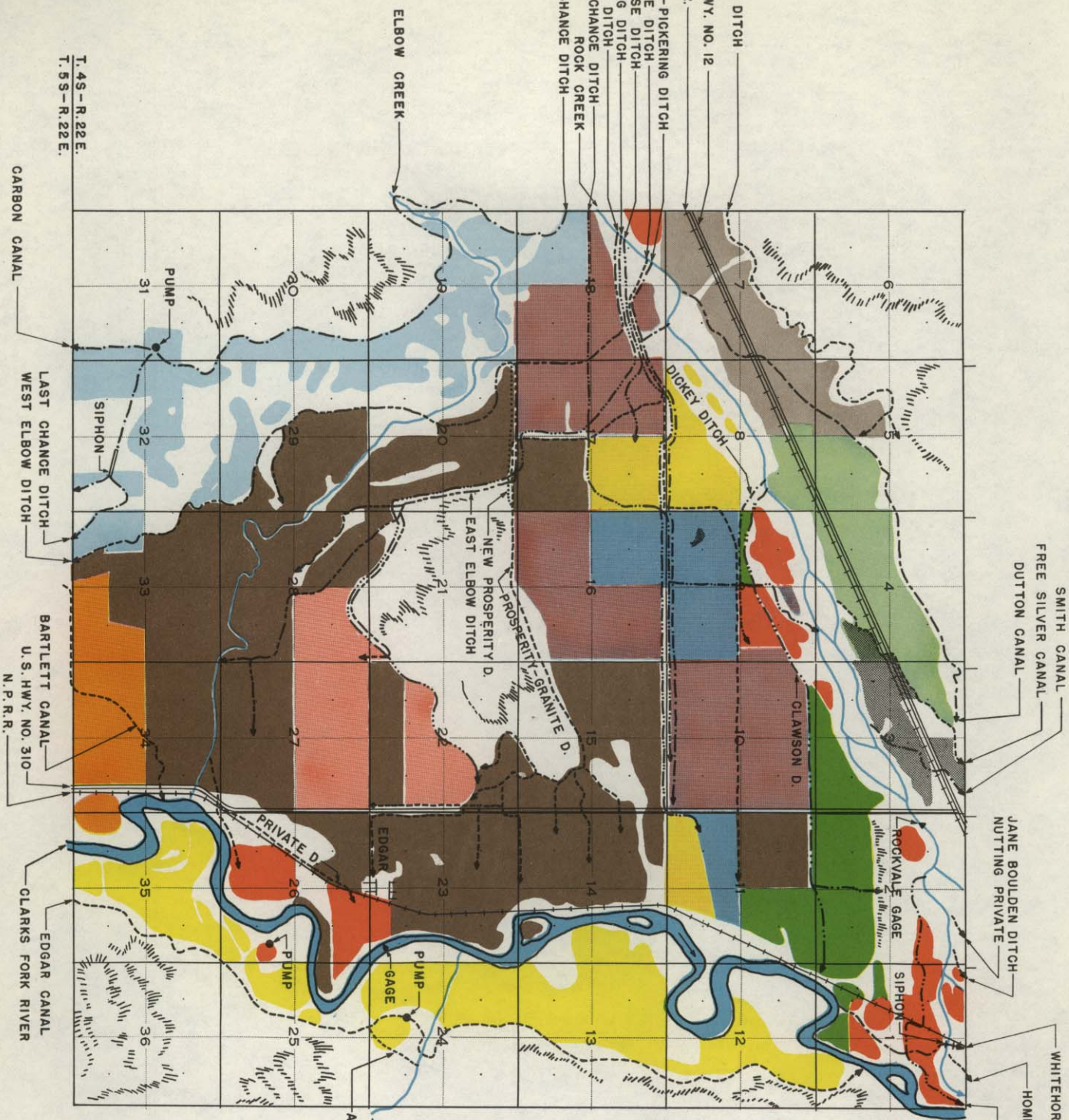


Township No. 4 SOUTH

Range No. 23 EAST

County CARBON

T. 4 S  
R. 23 E



### LEGEND

- BARTLETT
- CLAWSON
- DUTTON
- ELBOW-PROSPERITY-GRANITE
- FIRST CHANGE
- FREE SILVER
- JOLIET
- LAST CHANGE
- NUTTING
- ORCHARD-EDGAR
- SURPRISE
- YOUNG-PICKERING
- PRIVATE

APPROX. LOCATION OF NEW DITCH

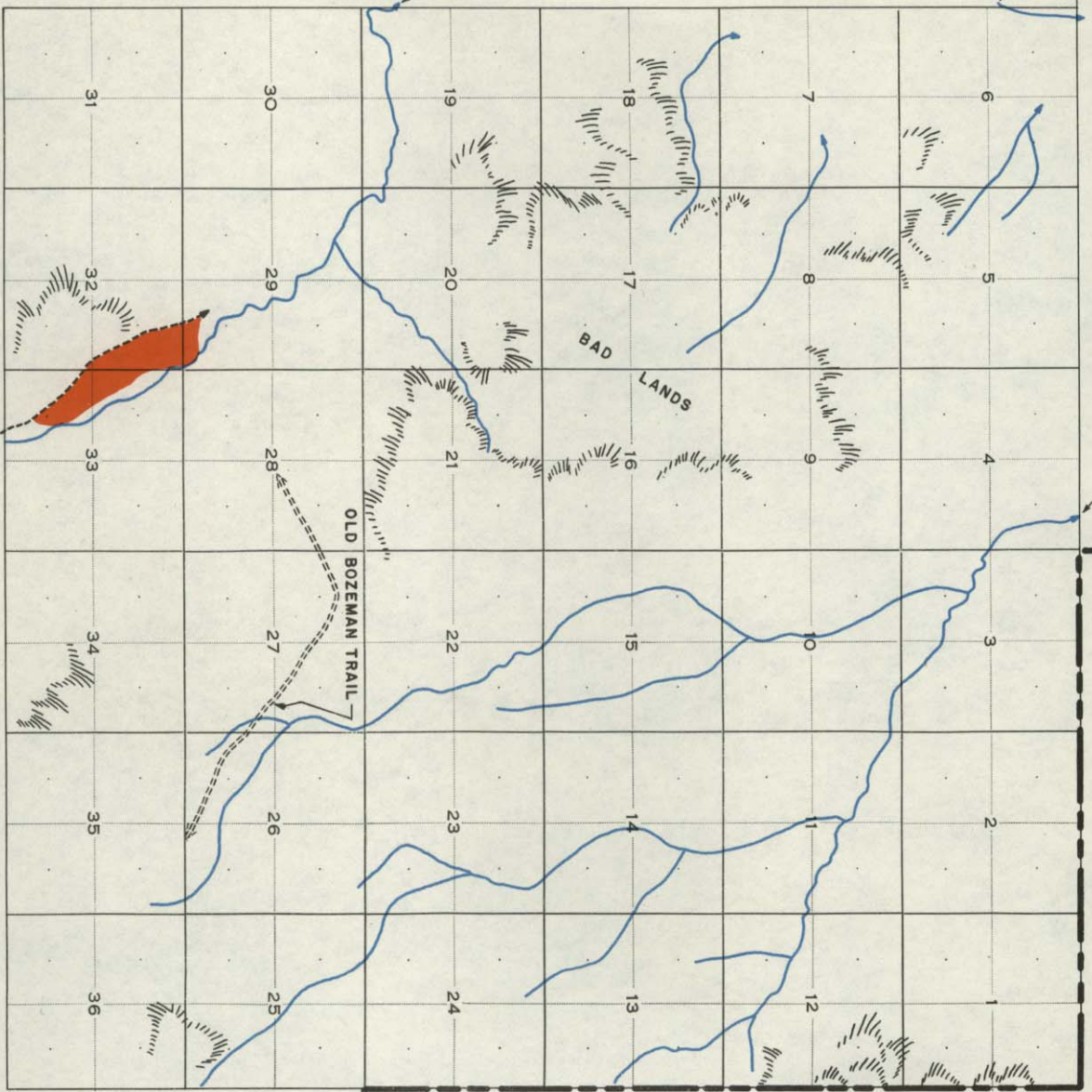
- SMITH CANAL
- FREE SILVER CANAL
- DUTTON CANAL
- JANE BOULDEN DITCH
- NUTTING PRIVATE
- WHITEHORSE CANAL
- HOMER WORTH DITCH
- SMITH-HUGHES CANAL

T. 4S-R. 22E  
T. 5S-R. 22E

- CARBON CANAL
- WEST CHANGE DITCH
- LAST ELBOW DITCH
- BARTLETT CANAL
- U.S. HWY. NO. 310
- N.P.R.R.
- CLARKS FORK RIVER
- EDGAR CANAL



T. 35-R. 23E  
T. 4S-R. 23E



LEGEND

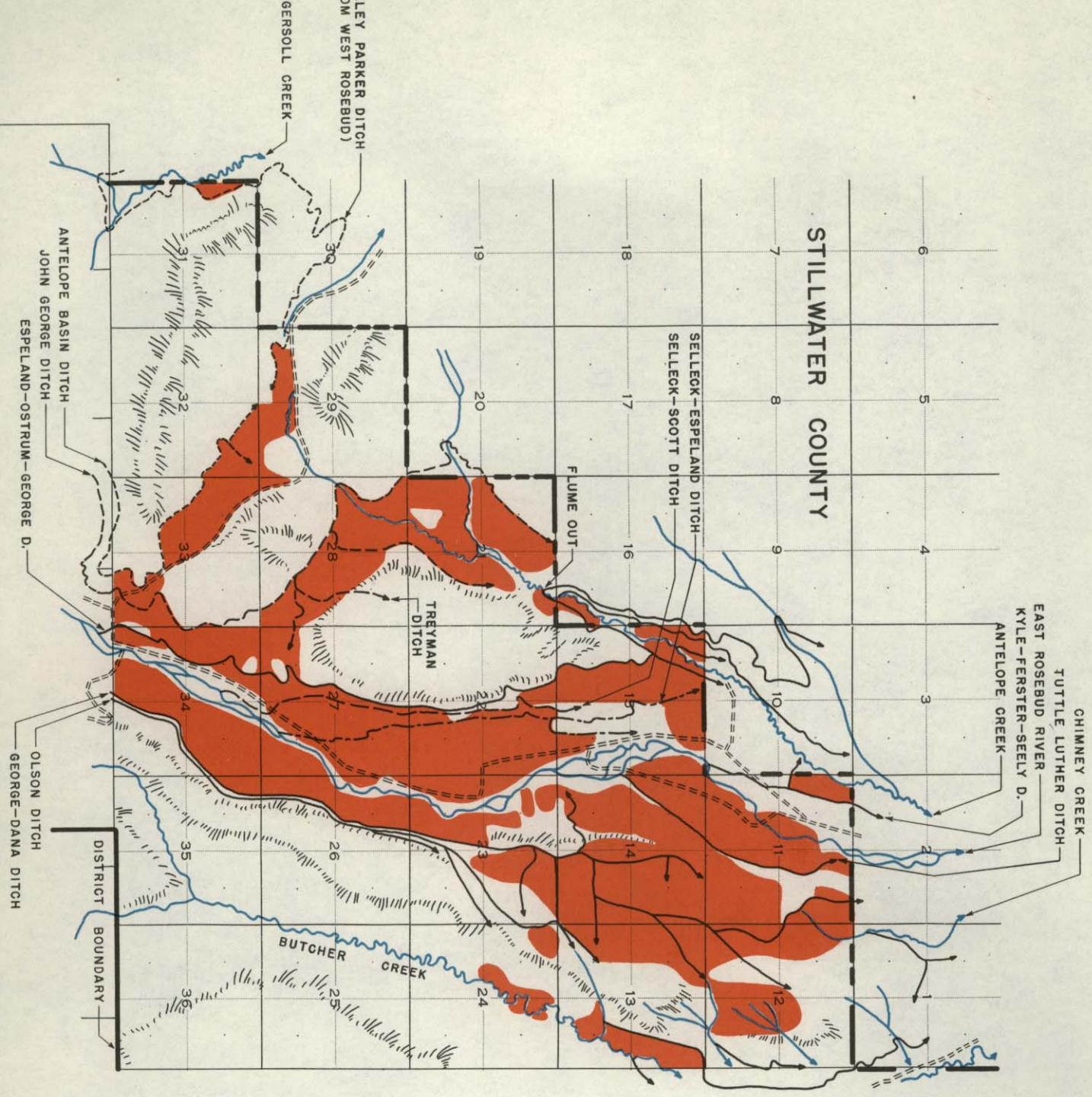
PRIVATE


YELLOWSTONE COUNTY





STILLWATER COUNTY



 PRIVATE

LEGEND





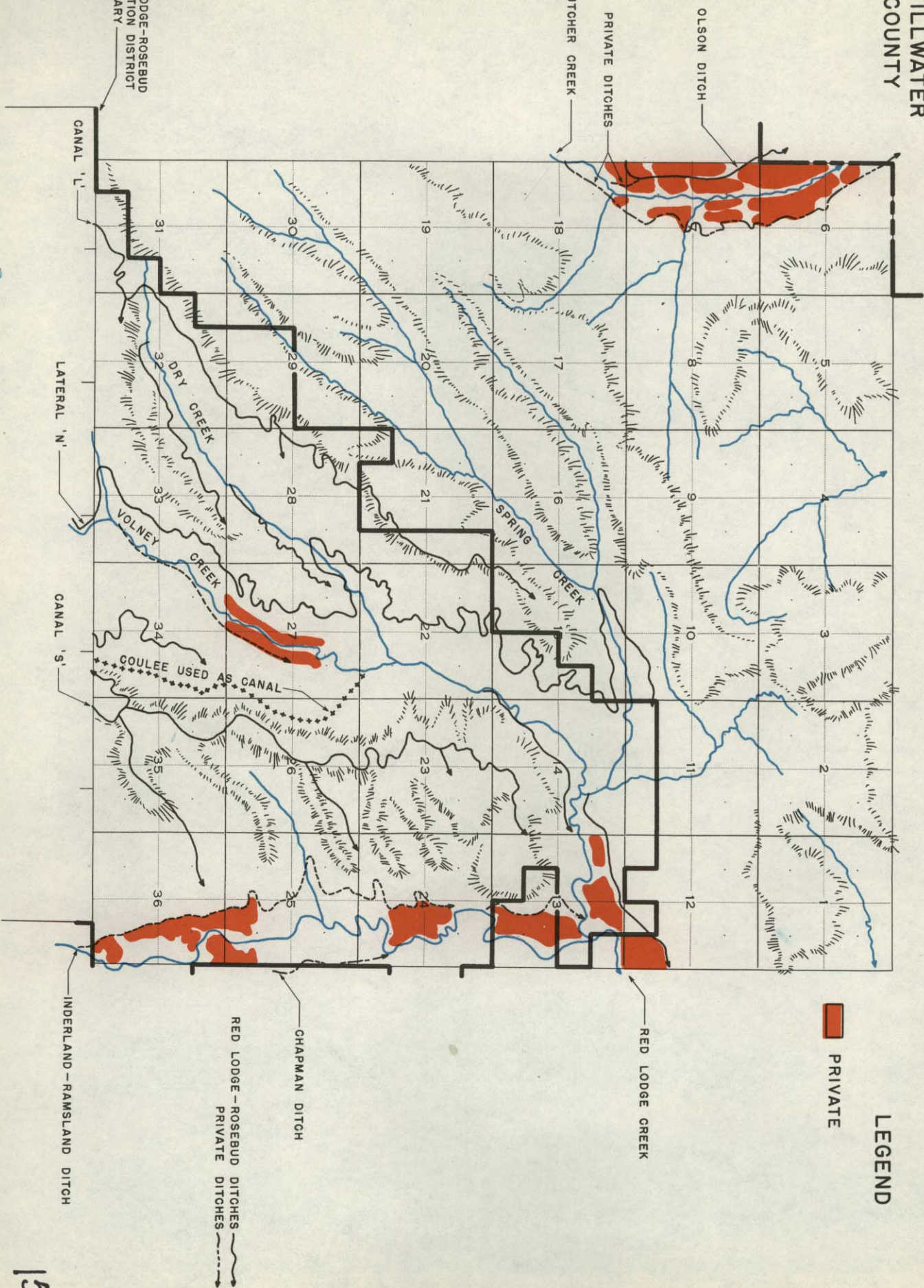
Township No. 5 SOUTH

Range No. 19 EAST

County CARBON

T. 5 SOUTH  
R. 19 EAST

WILLWATER  
COUNTY





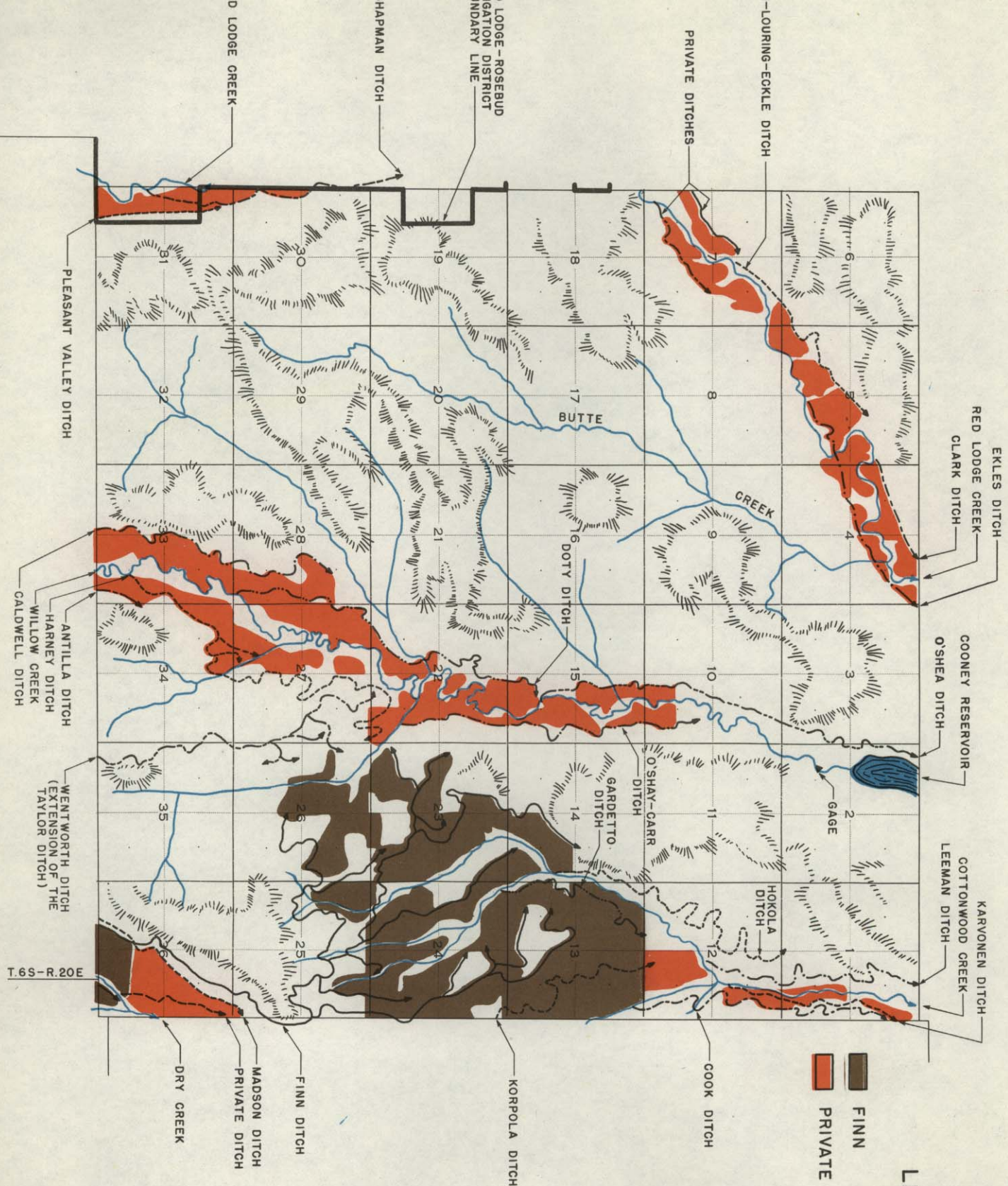


Township No. 5 SOUTH

Range No. 20 EAST

County CARBON

T. 5 S  
R. 20 E



LEGEND

- FINN
- PRIVATE

T. 6S - R. 20E

16



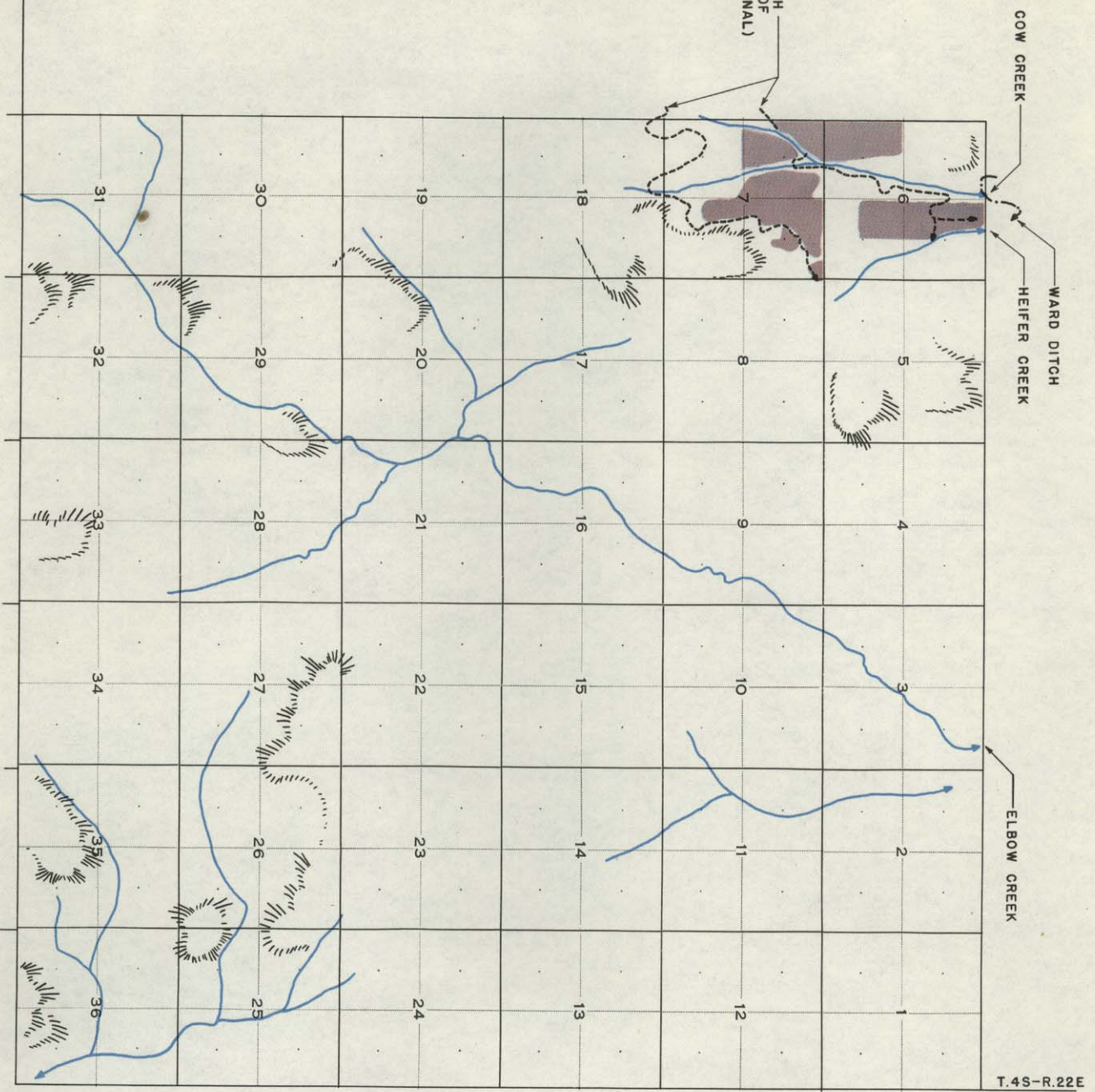







Township No. 5 SOUTH Range No. 22 EAST County CARBON

T. 5 SOUTH  
R. 22 EAST



**LEGEND**  
 **HIGHLINE**

T.6S-R.21E

T.6S-R.22E





Township No. 5 SOUTH

Range No. 23 EAST

County CARBON

T. 5 S  
R. 23 E

CARBON CANAL  
(EXTENSION OF LAST CHANGE  
FROM ROCK CREEK)

LAST CHANGE DITCH  
WEST ELBOW DITCH  
(BOTH FROM ROCK CREEK)

U.S. HWY. NO. 310  
N.P.R.R.  
EDGAR CANAL

END OF ORCHARD  
START OF EDGAR

FROMBERG

FROMBERG GAGE

O'CONNOR DITCH  
(FROM BLUEWATER CREEK)

FROMBERG DITCH CO.  
SAND CREEK EX. DITCH

T.5S-R.22E.  
T.6S-R.22E.

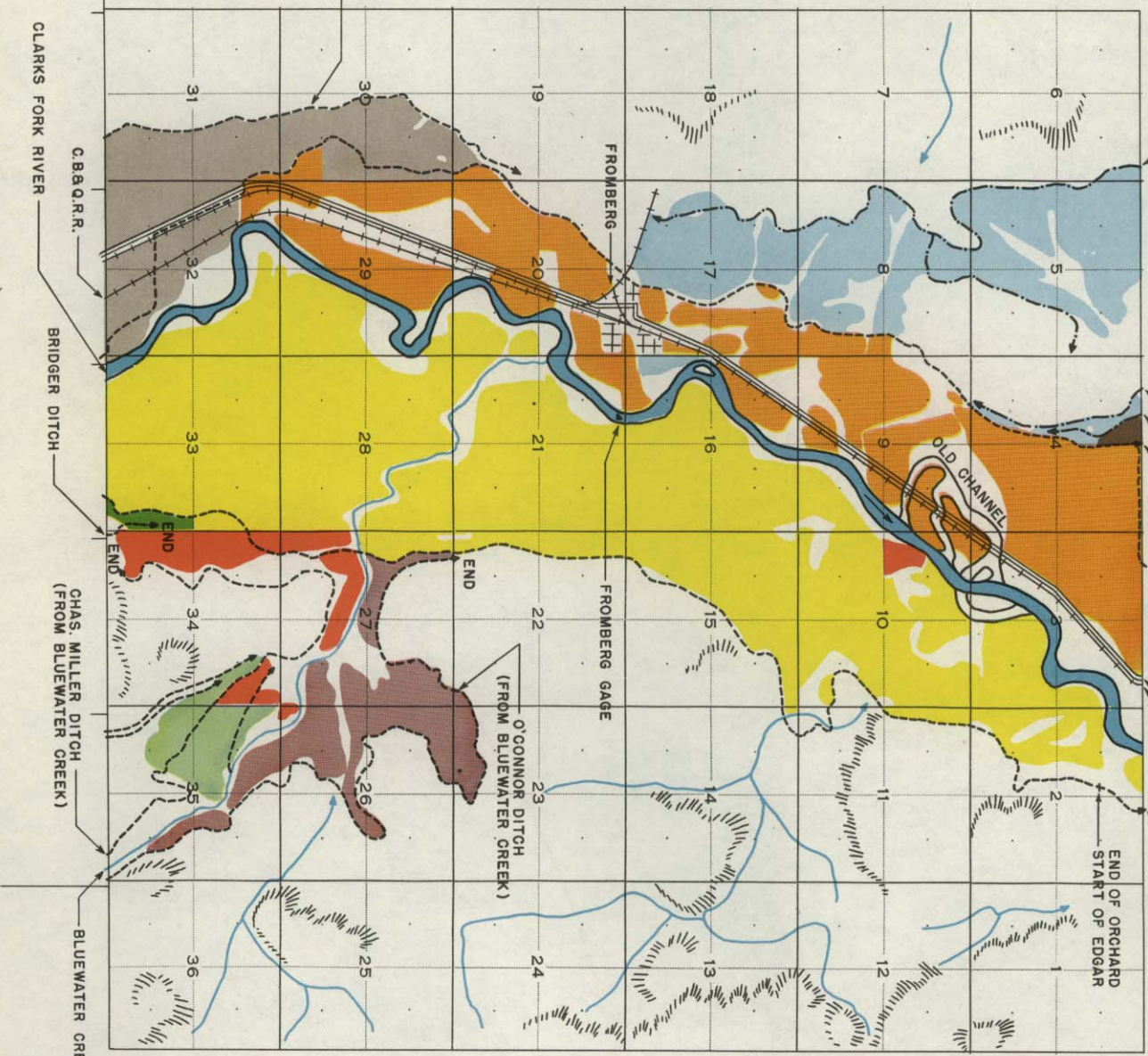
CLARKS FORK RIVER  
C.B.A.Q.R.R.

BRIDGER DITCH

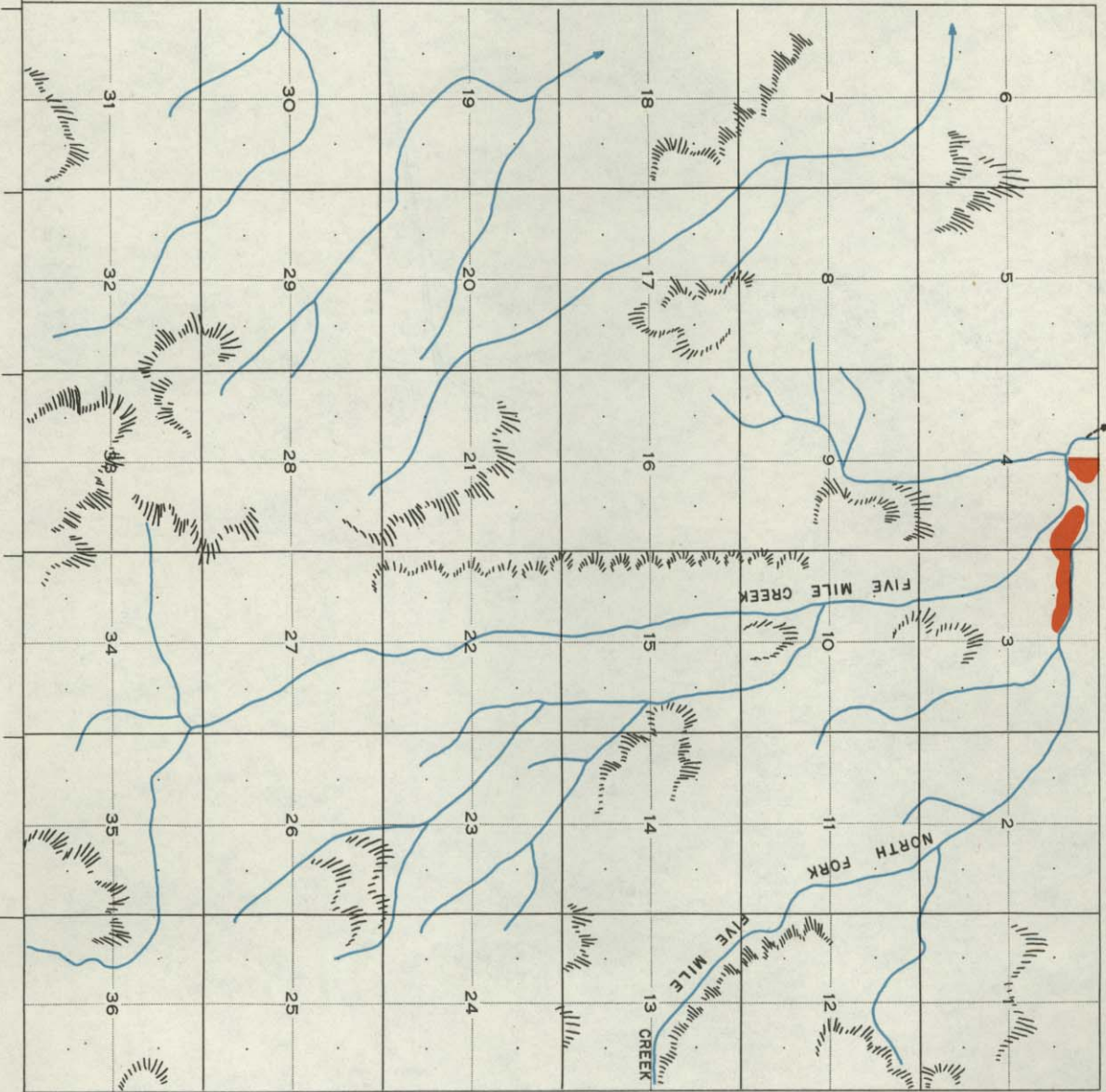
CHAS. MILLER DITCH  
(FROM BLUEWATER CREEK)

BLUEWATER CREEK

- LEGEND**
- BARTLETT
  - BRIDGER
  - ELBOW
  - LAST CHANGE & CARBON
  - O'CONNOR
  - ORCHARD CANAL
  - ORCHARD DITCH
  - SAND CREEK CANAL
  - PRIVATE







PRIVATE DITCH



PRIVATE

LEGEND



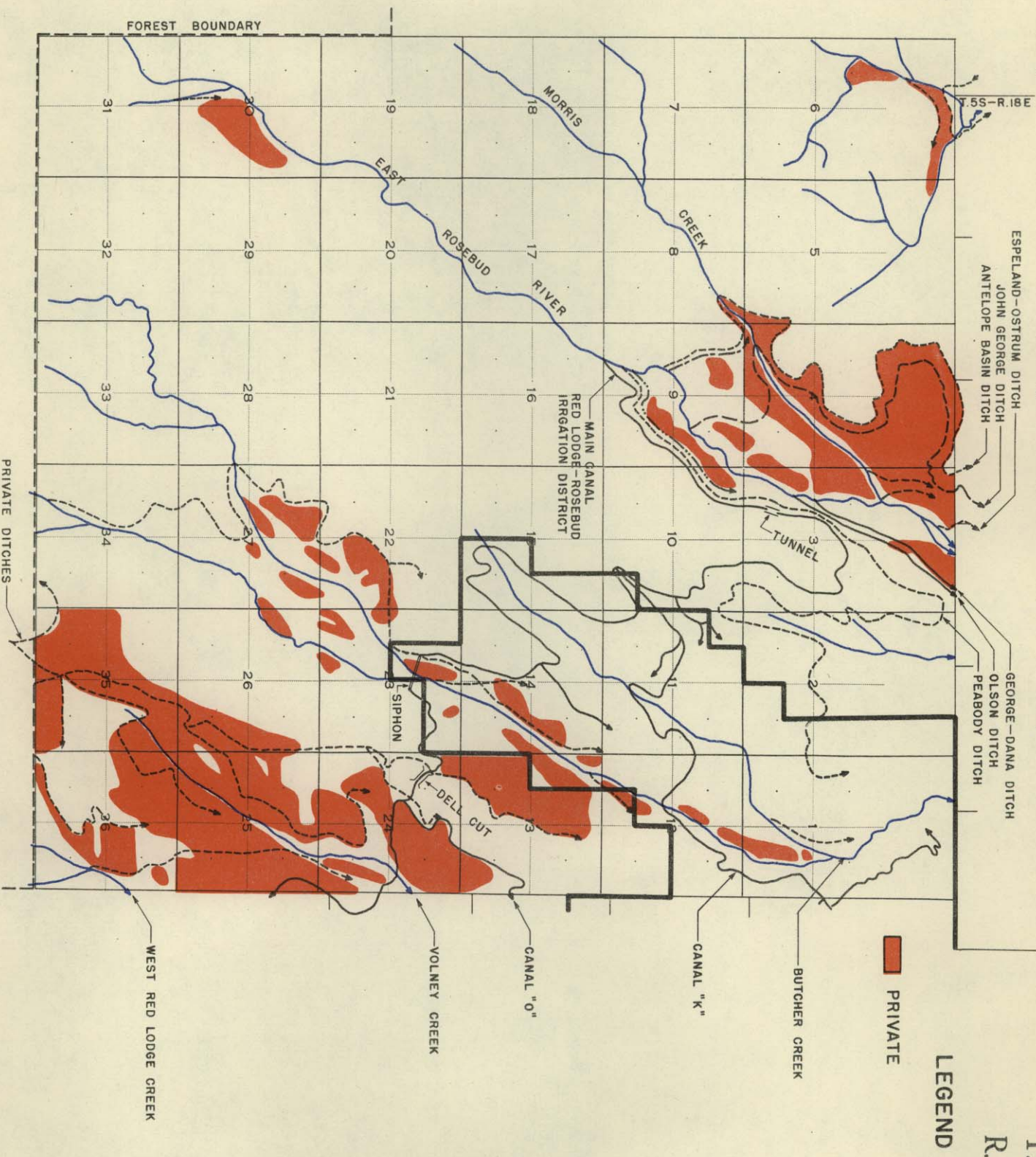


Township No. 6 SOUTH

Range No. 18 EAST

County CARBON

T. 6 SOUTH  
R. 18 EAST



LEGEND

PRIVATE

- ESPELAND-OSTRUM DITCH
- JOHN GEORGE DITCH
- ANTELOPE BASIN DITCH
- GEORGE-DANA DITCH
- OLSON DITCH
- PEABODY DITCH

MAIN CANAL  
RED LODGE-ROSEBUD  
IRRIGATION DISTRICT

CUSTER NATIONAL FOREST





Township No. 6 SOUTH Range No. 19 EAST County CARBON

T.55-R.19E  
 WEST FORK VOLNEY CREEK  
 CANAL "L"  
 VOLNEY CREEK  
 COULEE USED AS CANAL  
 CANAL "S"

ANNUAL LINES  
 PRESENTS DISTRICT  
 CANALS & LATERALS

RED LODGE-ROSEBUD IRRIGATION DISTRICT

PRIVATE

LEGEND

ANDREWS DITCH

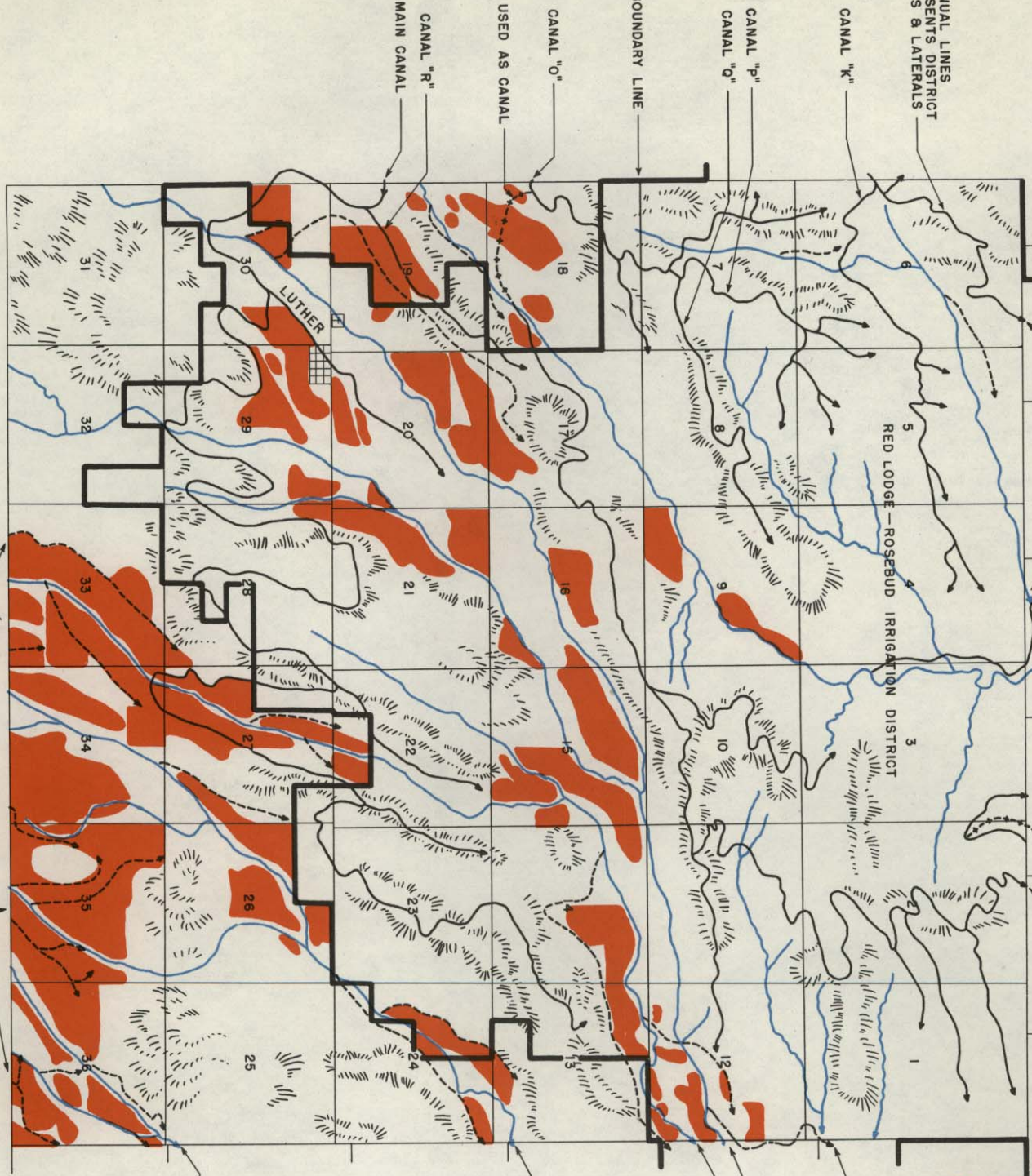
WEST FORK RED LODGE CREEK

HOGAN CREEK

THEIL CREEK

HARNEY CREEK

RED LODGE-ROSEBUD DISTRICT NOT NOW  
 IN OPERATION. LAND SHOWN AS PRIVATE  
 WITHIN THE DISTRICT IS FROM THE DISTRICT  
 RIGHTS & IS EXCLUDED FROM THE DISTRICT  
 (SEPT. 22, 1944)



UNNAMED PRIVATE DITCHES



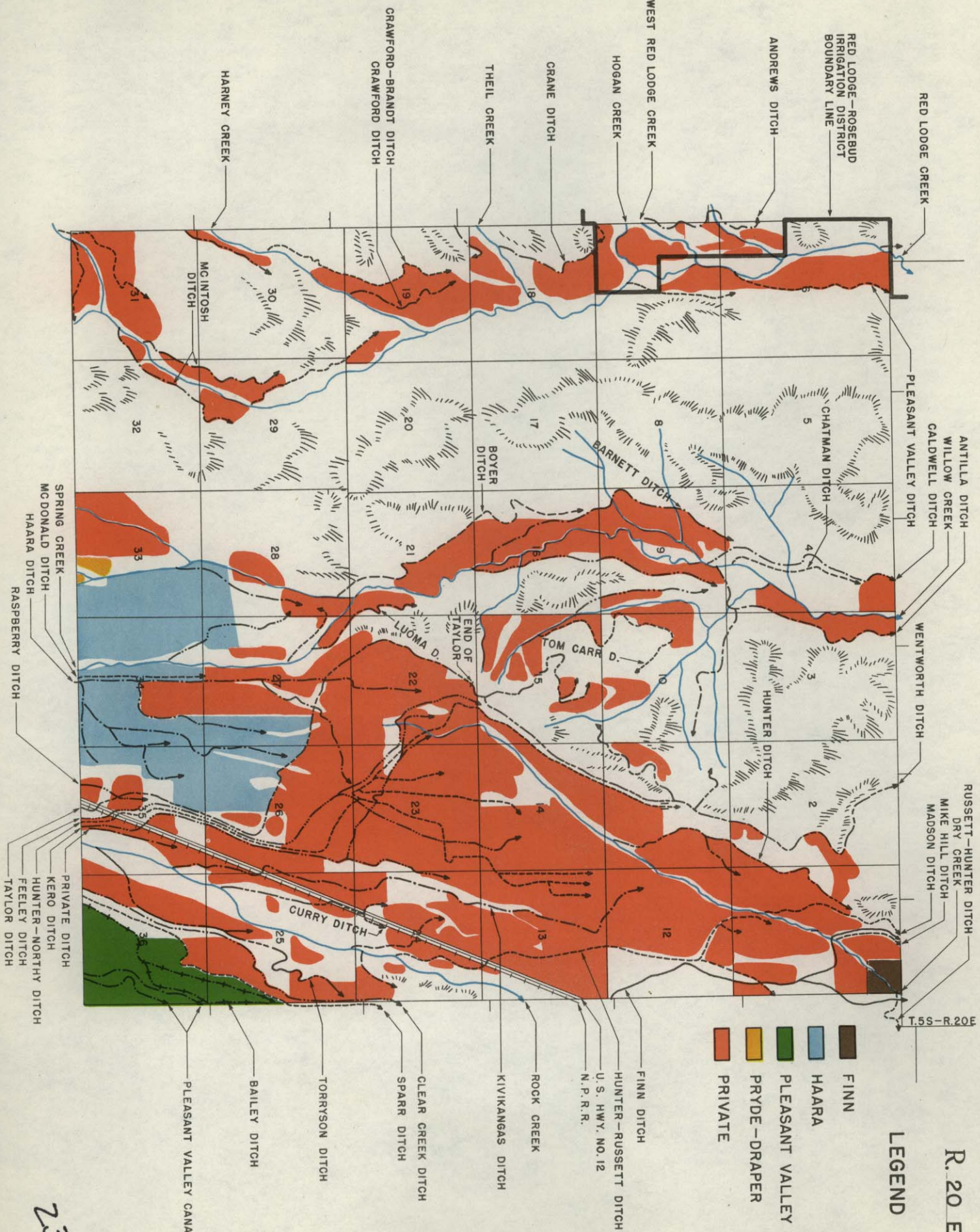


Township No. 6 SOUTH

Range No. 20 EAST

County CARBON

T. 6 S. R. 20 E.



- LEGEND**
- FINN
  - HAARA
  - PLEASANT VALLEY
  - PRYDE-DRAPER
  - PRIVATE

T. 5S - R. 20E





Township No. 6 SOUTH

Range No. 21 EAST

County CARBON

T. 6 S. R. 21 E.

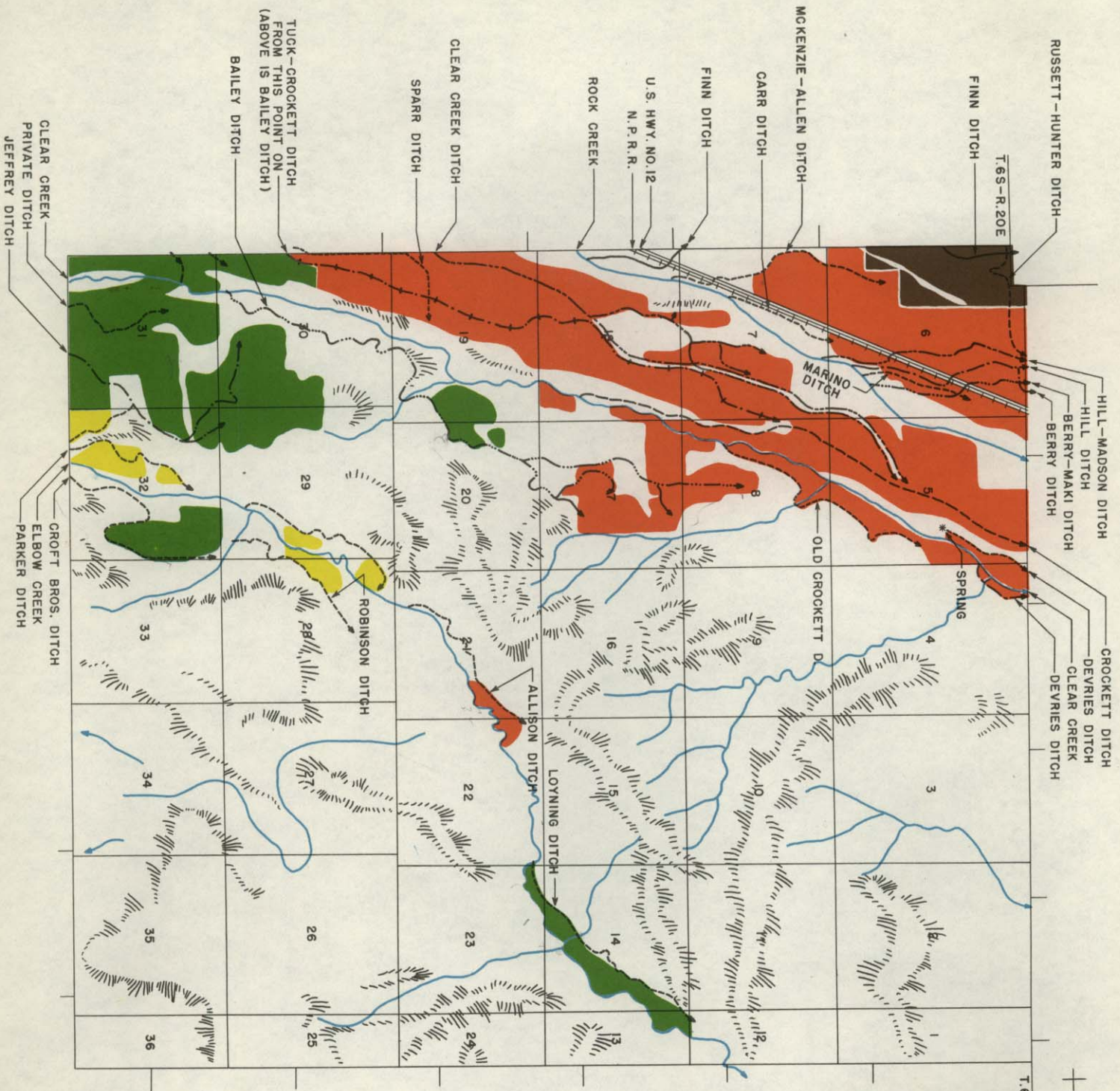
T. 6S-R. 20E

T. 6S-R. 22E

T. 5S-R. 21E

LEGEND

- FINN
- PLEASANT VALLEY - JEFFREY
- ROCK CREEK - CLEAR CREEK
- PRIVATE





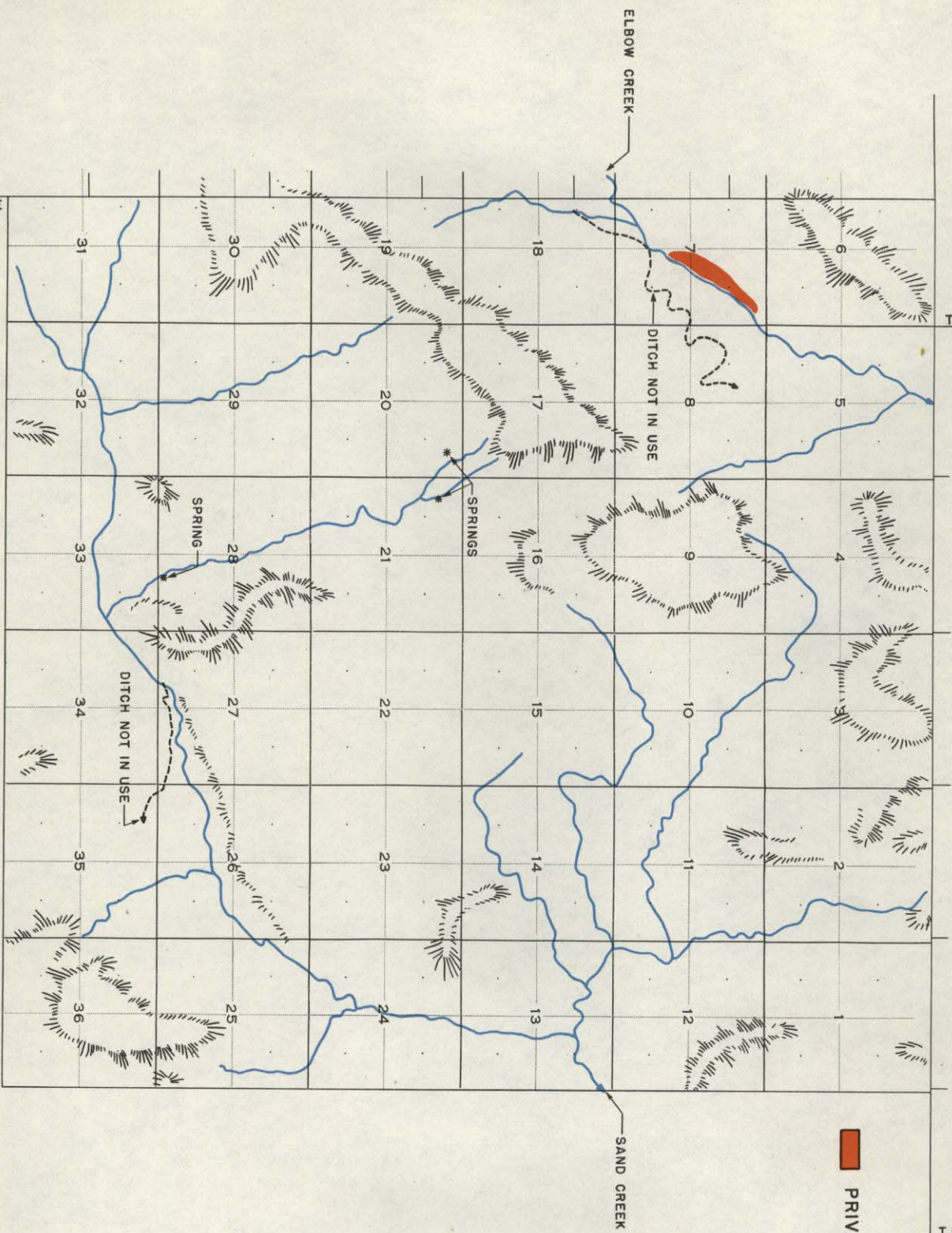


Township No. 6 SOUTH

Range No. 22 EAST

County CARBON

T. 6 S. R. 22 E



T.5S-R.21E

T.5S-R.22E

PRIVATE

LEGEND

ELBOW CREEK

SAND CREEK

DITCH NOT IN USE

DITCH NOT IN USE

SPRING

SPRINGS

T.6S-R.21E

T.7S-R.22E





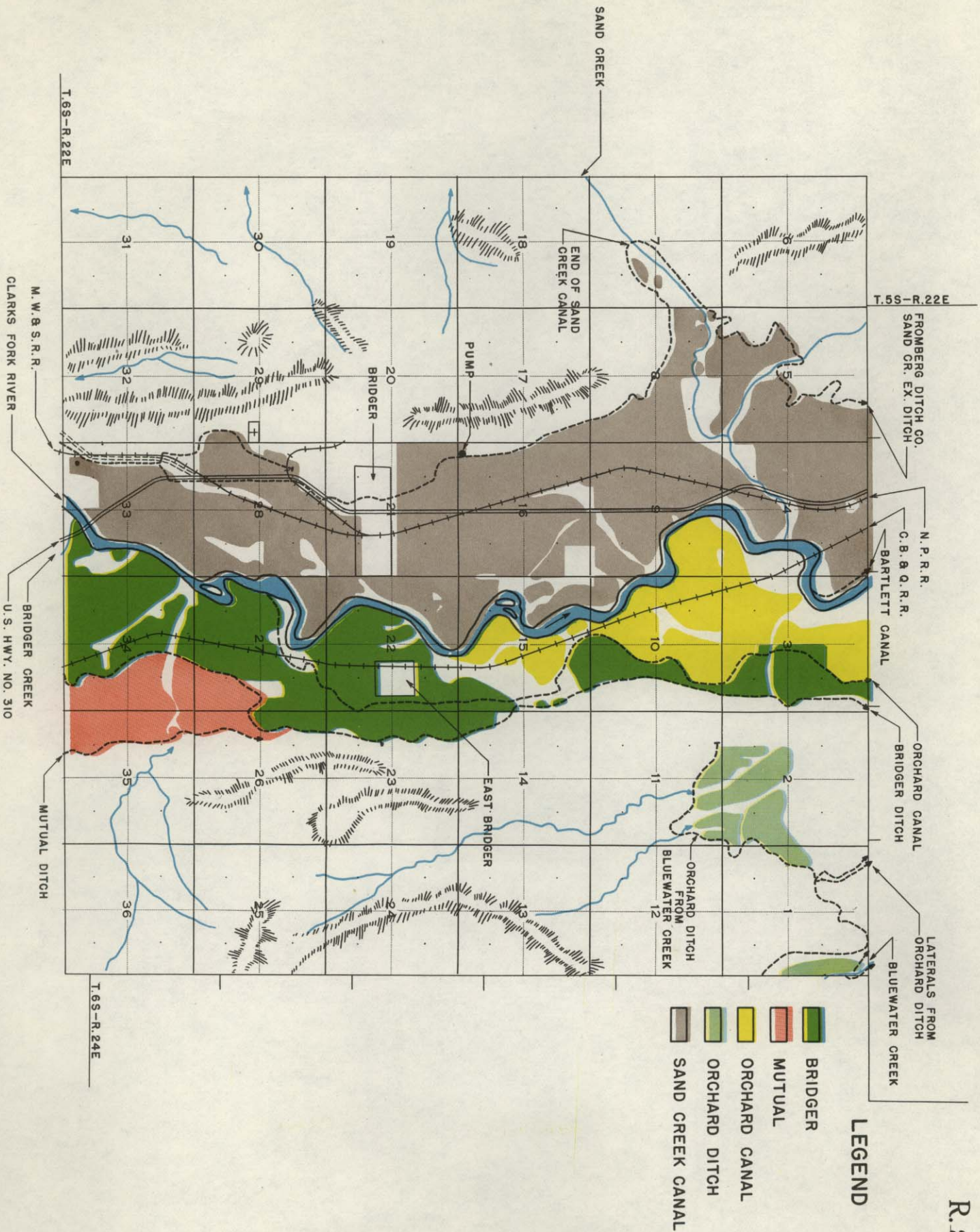
Township No. 6 SOUTH

Range No. 23 EAST

County CARBON

T. 6 S. R. 23 E.

R. 23 E.



26





Township No. 6 SOUTH

Range No. 24 EAST

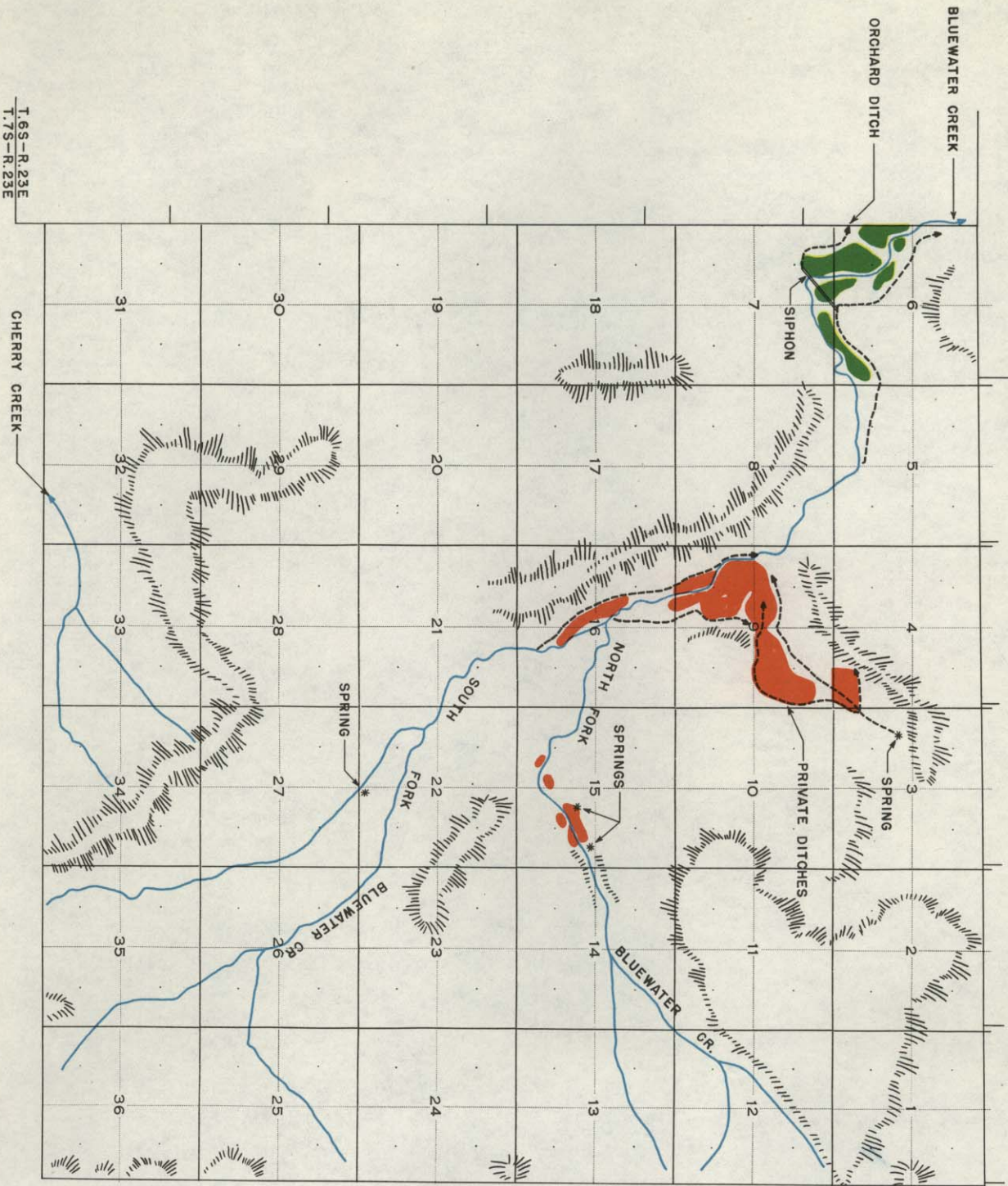
County CARBON

T. 6 S  
R. 24 E

T. 59-R. 24E  
T. 59-R. 25E

LEGEND

- ORCHARD
- PRIVATE



T. 6S-R. 23E  
T. 7S-R. 23E

2





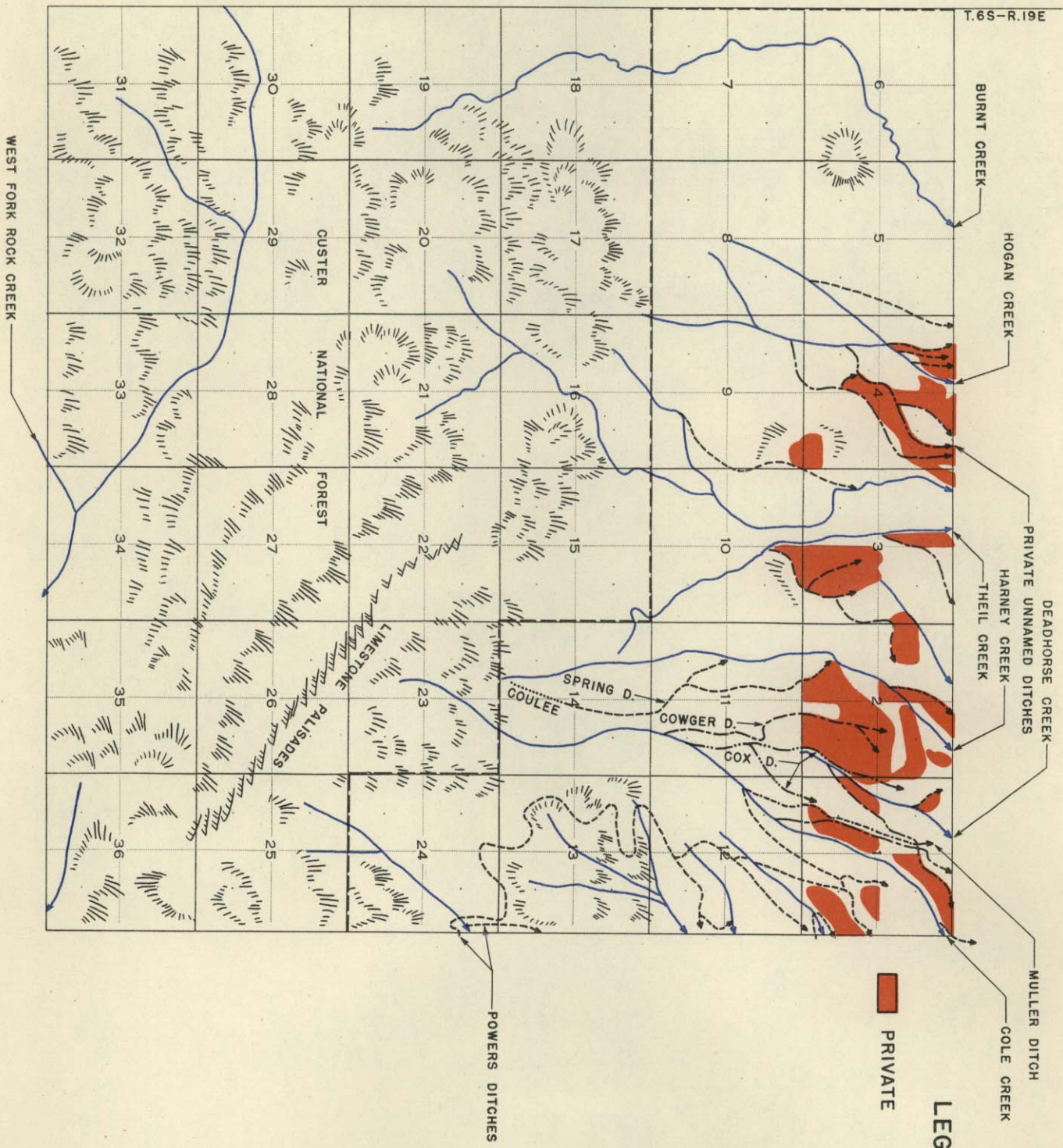
Township No. 7 SOUTH

Range No. 19 EAST

County CARBON

T. 7 SOUTH  
R. 19 EAST

T. 6S - R. 19E



PRIVATE

LEGEND

25



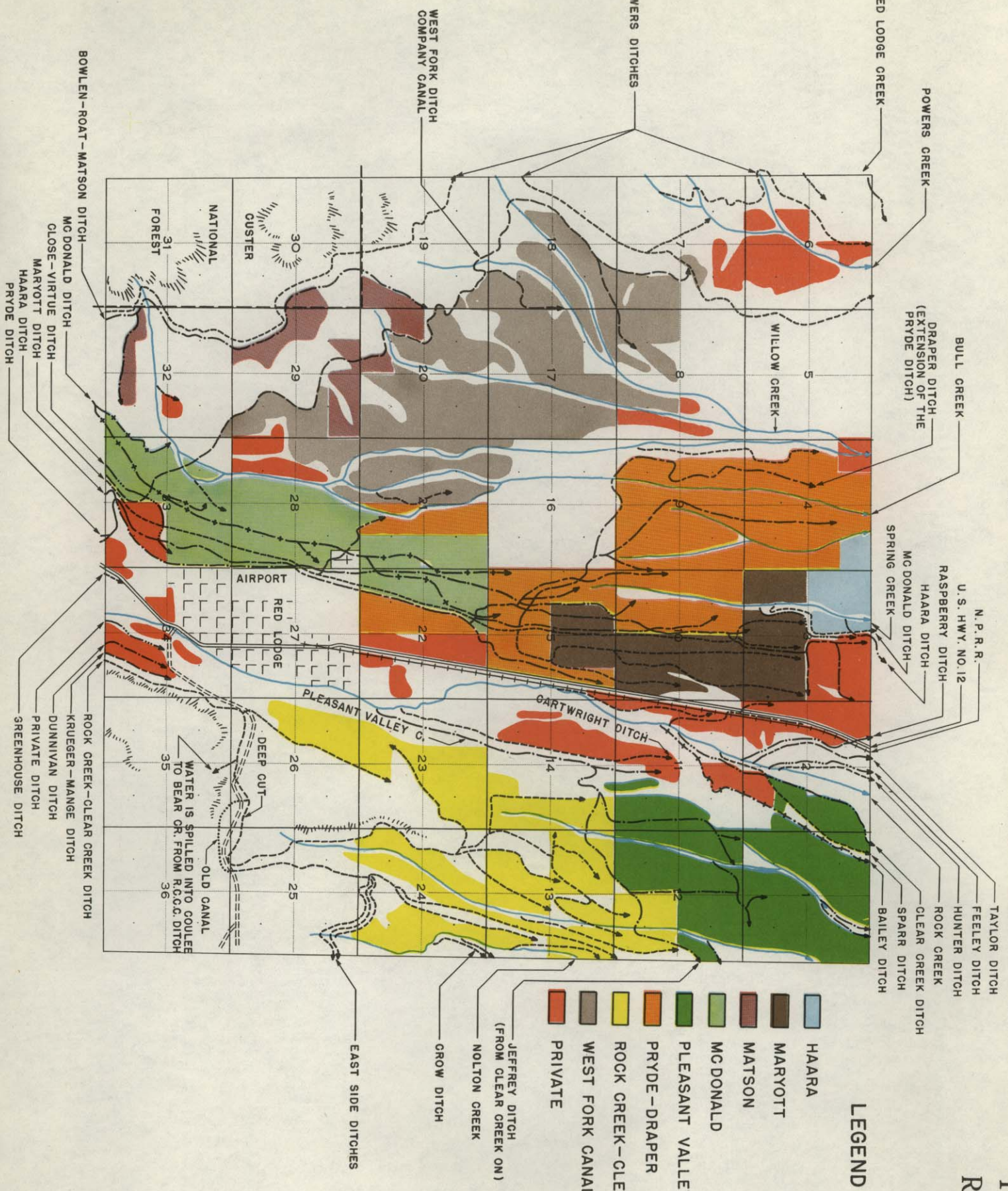


Township No. 7 SOUTH

Range No. 20 EAST

County CARBON

T. 7 S  
R. 20 E



### LEGEND

- HAARA
  - MARYOTT
  - MATSON
  - MCDONALD
  - PLEASANT VALLEY
  - PRYDE-DRAPER
  - ROCK CREEK-CLEAR CREEK
  - WEST FORK CANAL
  - PRIVATE
- JEFFREY DITCH  
(FROM CLEAR CREEK ON)
- NOLTON CREEK
- GROW DITCH
- EAST SIDE DITCHES





Township No. 7 SOUTH

Range No. 21 EAST

County CARBON

T. 7 S  
R. 21 E

PRIVATE DITCH  
CLEAR CREEK

PARKER DITCH  
ELBOW CREEK  
CROFT BROS. DITCH

JEFFREY DITCH—  
FROM PLEASANT VALLEY  
CREEK. WATER FROM ROCK  
CREEK. JEFFREY STARTS  
CLEAR CREEK.)

DITCHES FROM ROCK CREEK—  
CLEAR CREEK DITCH CO.  
HIGH DIVERTS FROM ROCK  
CREEK.

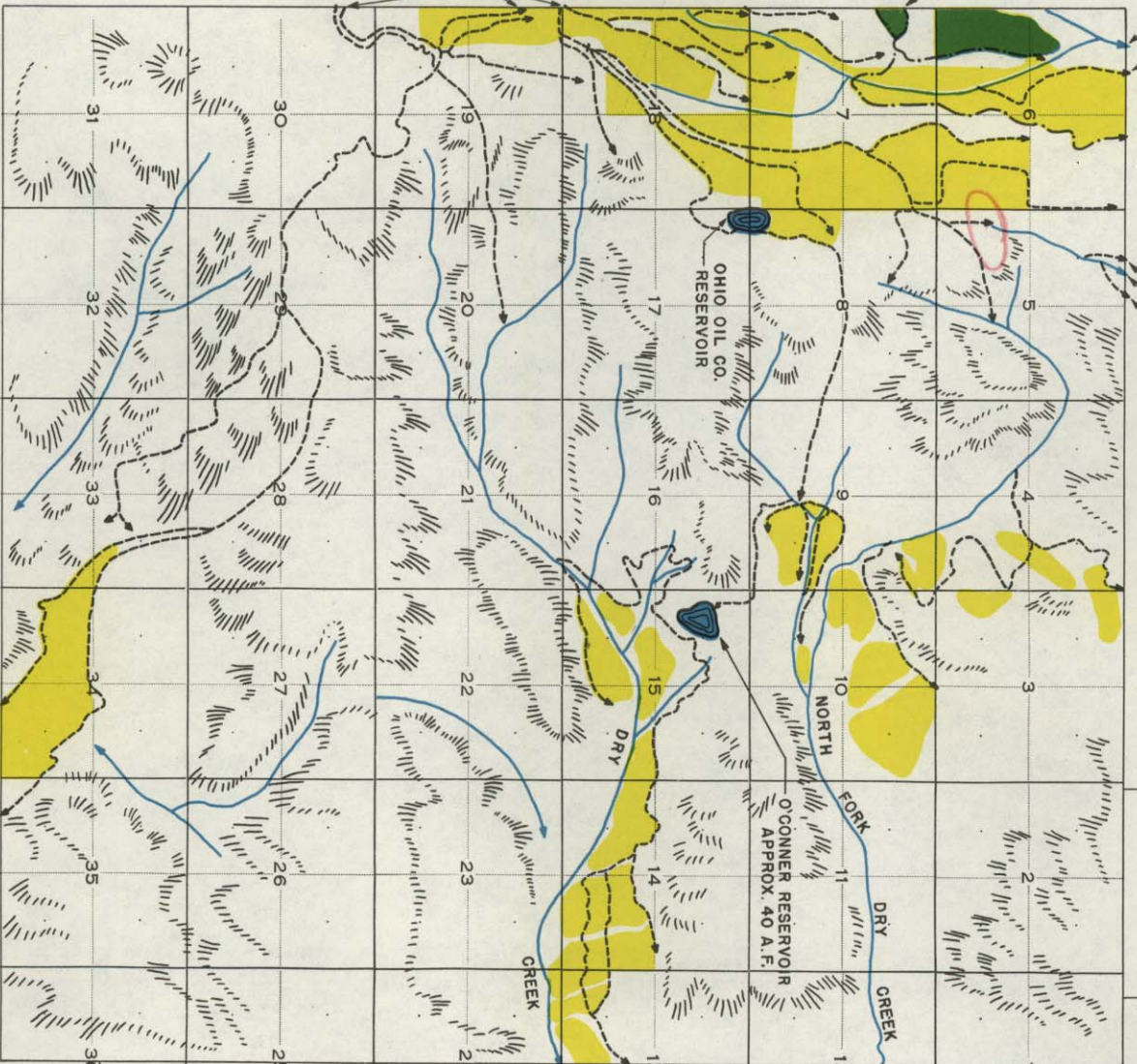
O'CONNOR DITCH  
(FROM ROCK CREEK)

EAST SIDE DITCH COMPANY  
(DITCHES FROM ROCK CREEK)

T. 7 S—R. 22 E

PLEASANT VALLEY—JEFFREY  
ROCK CREEK—CLEAR CREEK

LEGEND

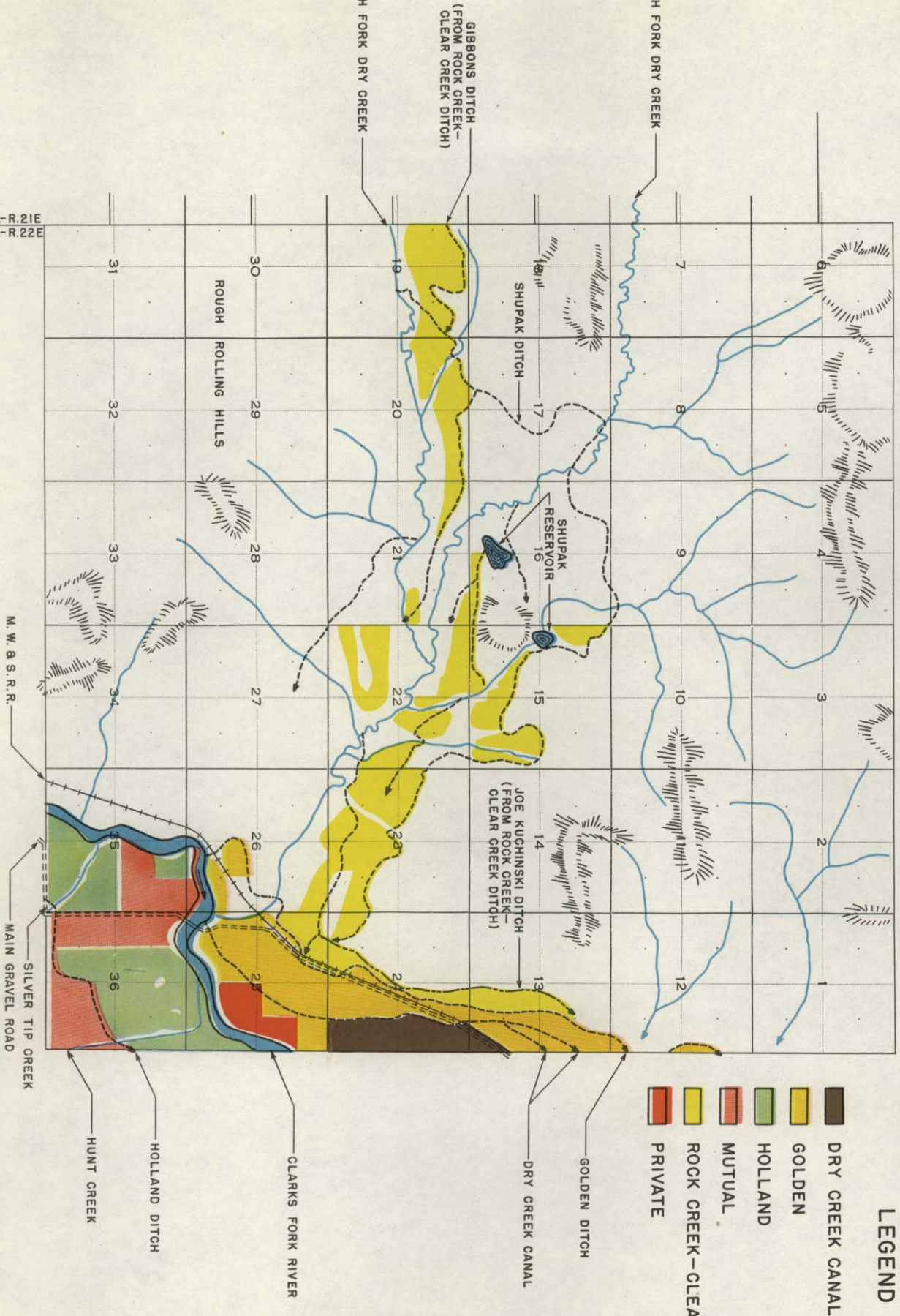


30





T. 7S - R. 21E  
T. 6S - R. 22E



- LEGEND**
- DRY CREEK CANAL
  - GOLDEN
  - HOLLAND
  - MUTUAL
  - ROCK CREEK - CLEAR CREEK
  - PRIVATE



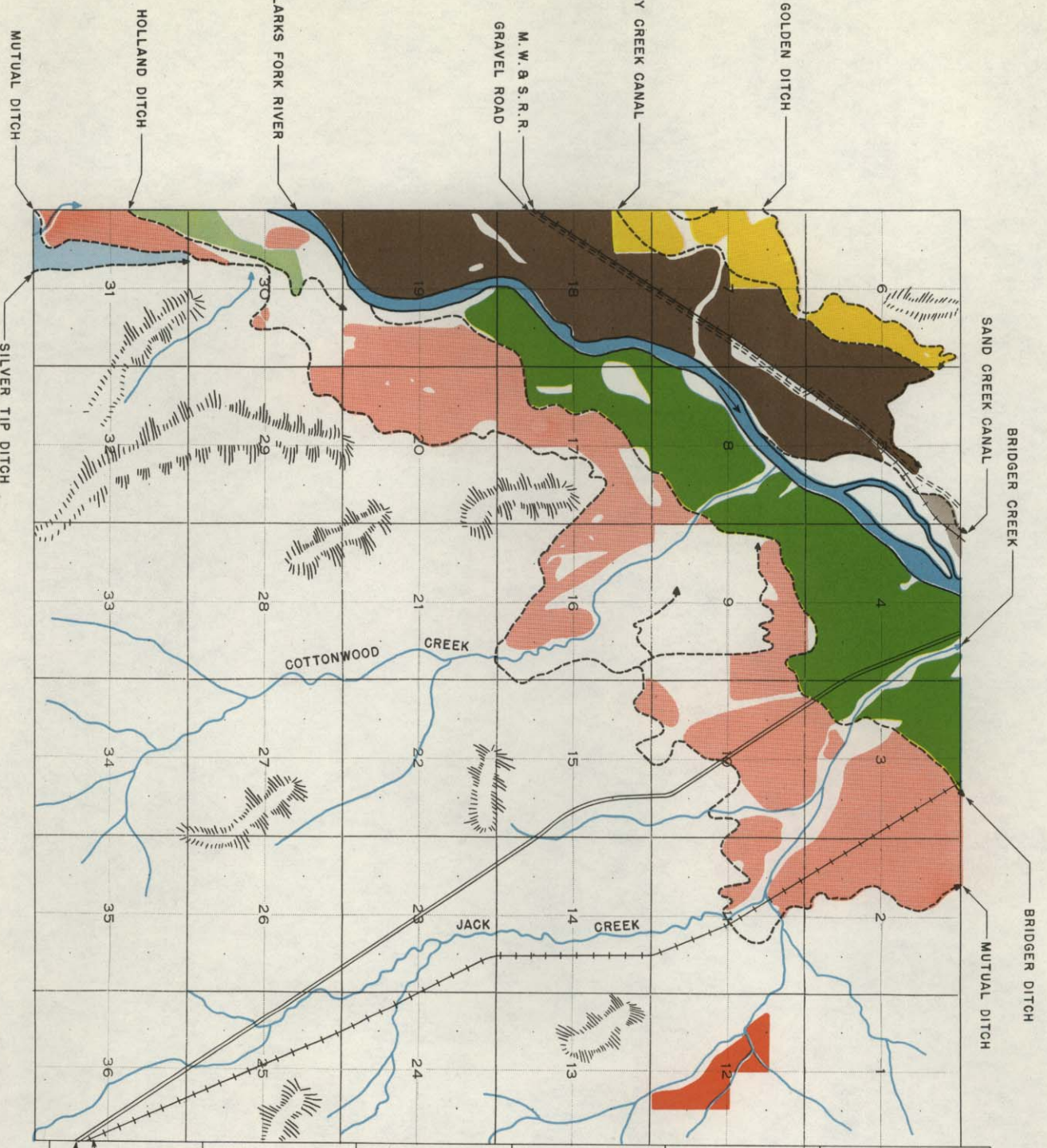


Township No. 7 SOUTH

Range No. 23 EAST

County CARBON

T. 7 S  
R. 23 E



T. 6S-R. 24E  
T. 7S-R. 24E

### LEGEND

- BRIDGER
- CLARKS FORK & SILVER TIP
- GOLDEN
- DRY CREEK CANAL
- HOLLAND
- MUTUAL
- PRIVATE

C. B. & Q. R. R.  
U. S. HWY. NO. 310





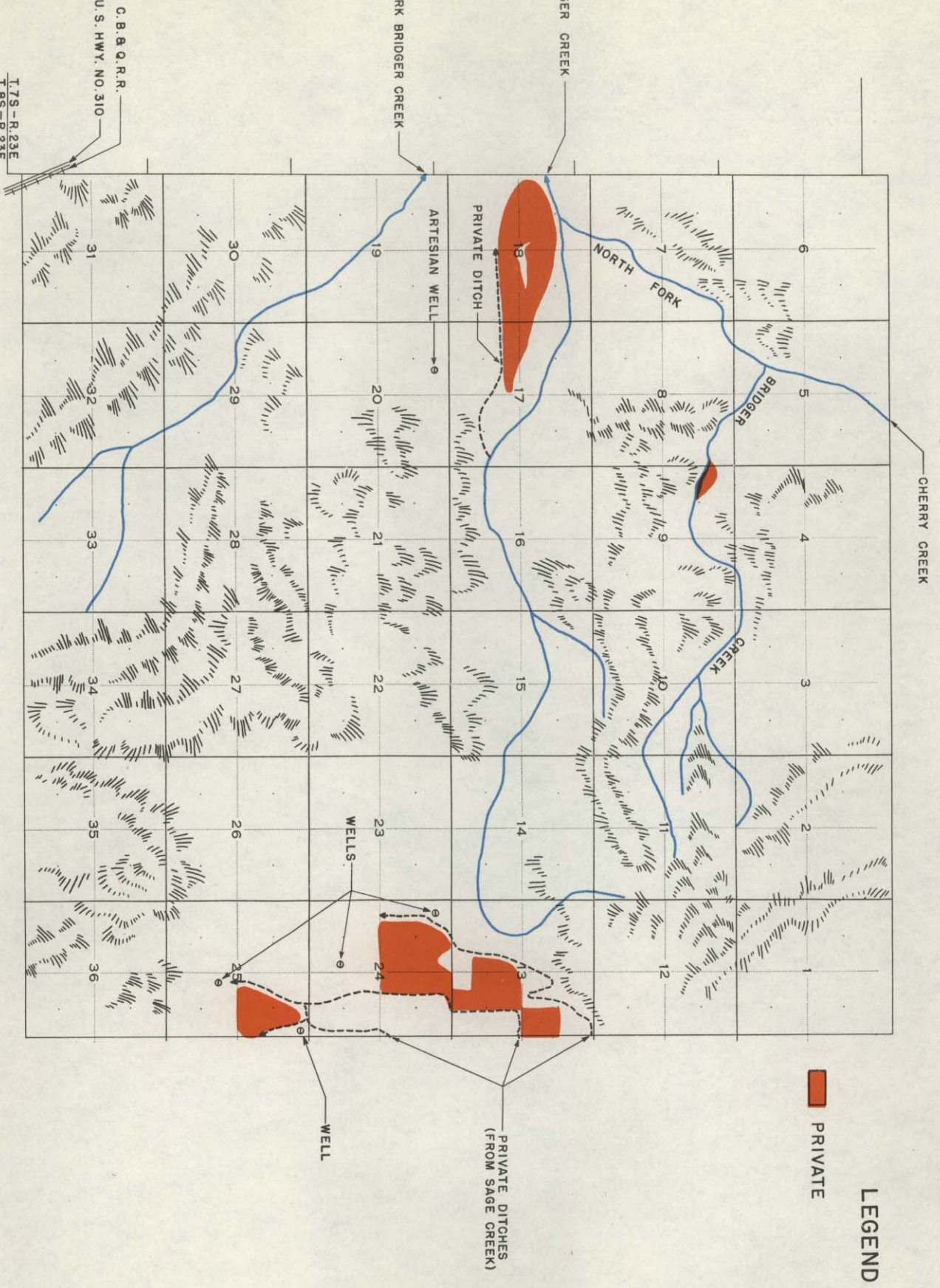
Township No. 7 SOUTH

Range No. 24 EAST

County CARBON

T. 7 SOUTH

R. 24 EAST



33

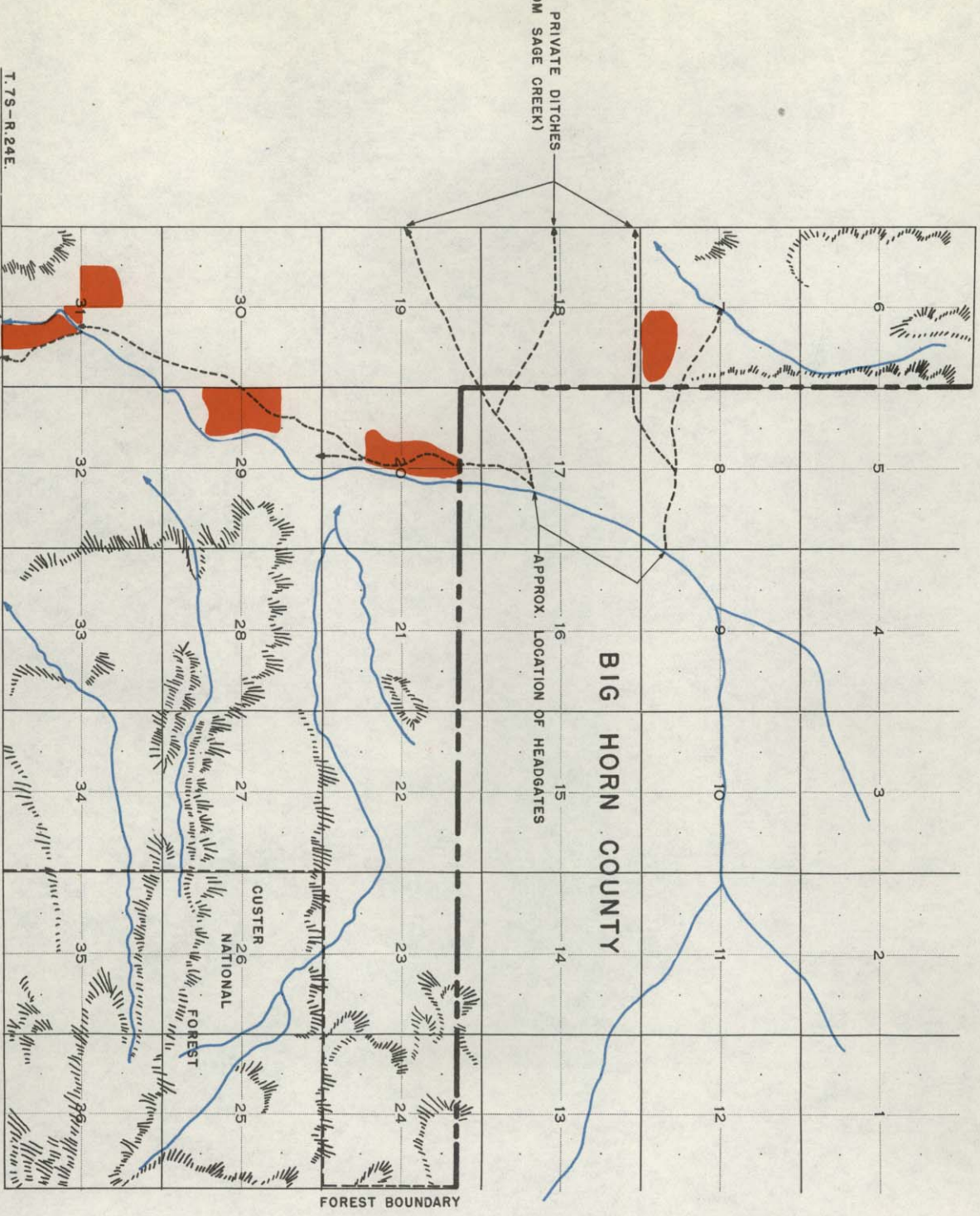




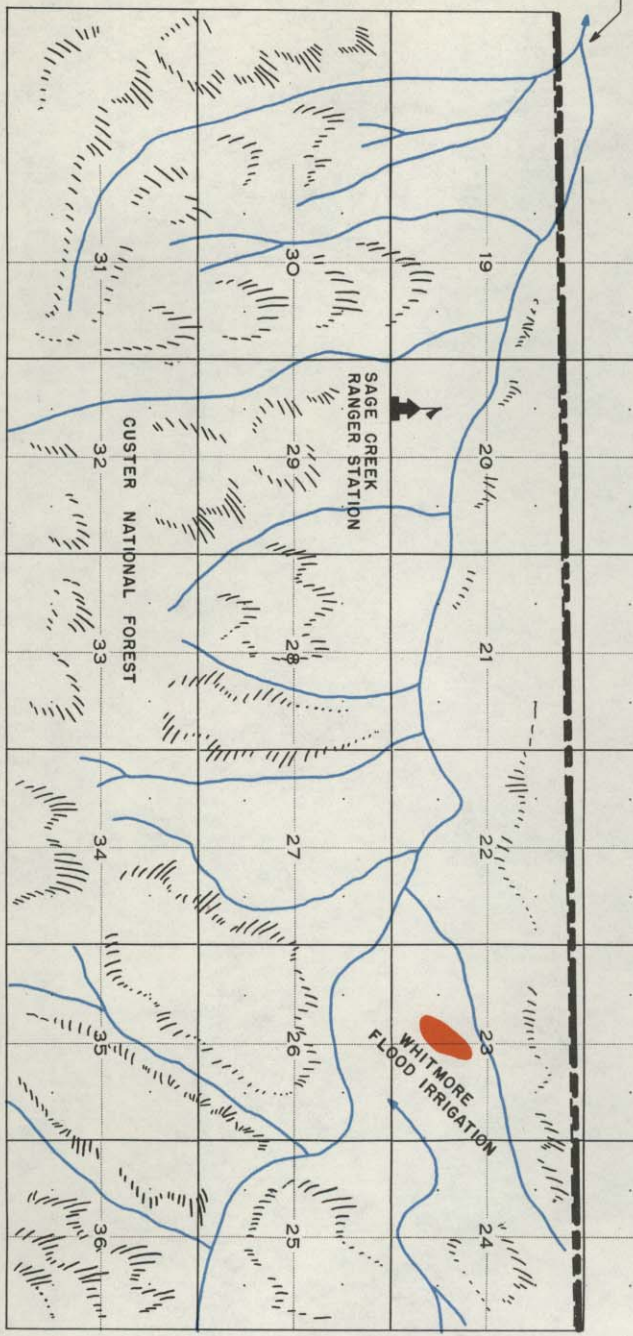
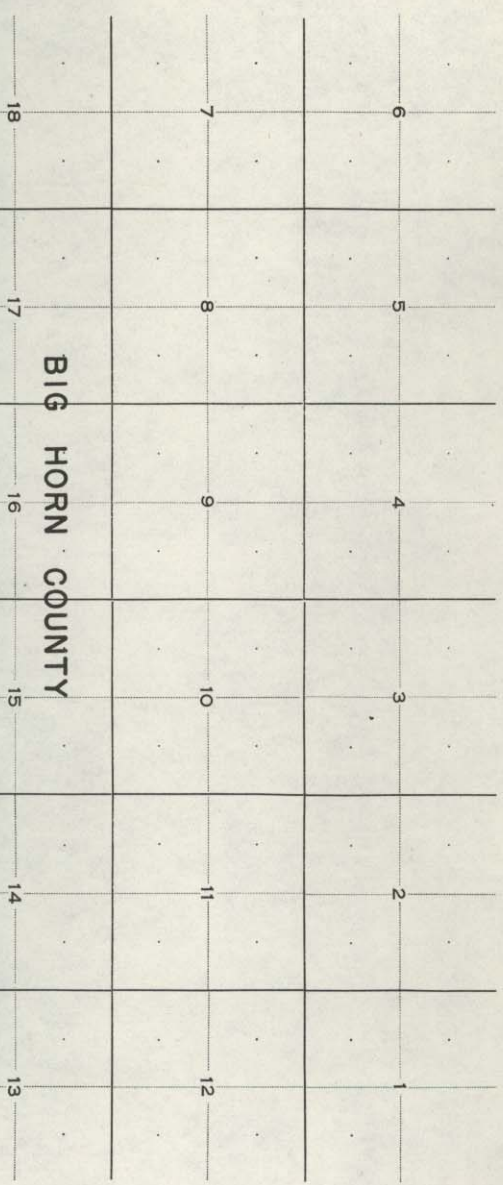
LEGEND




PRIVATE








 PRIVATE

LEGEND

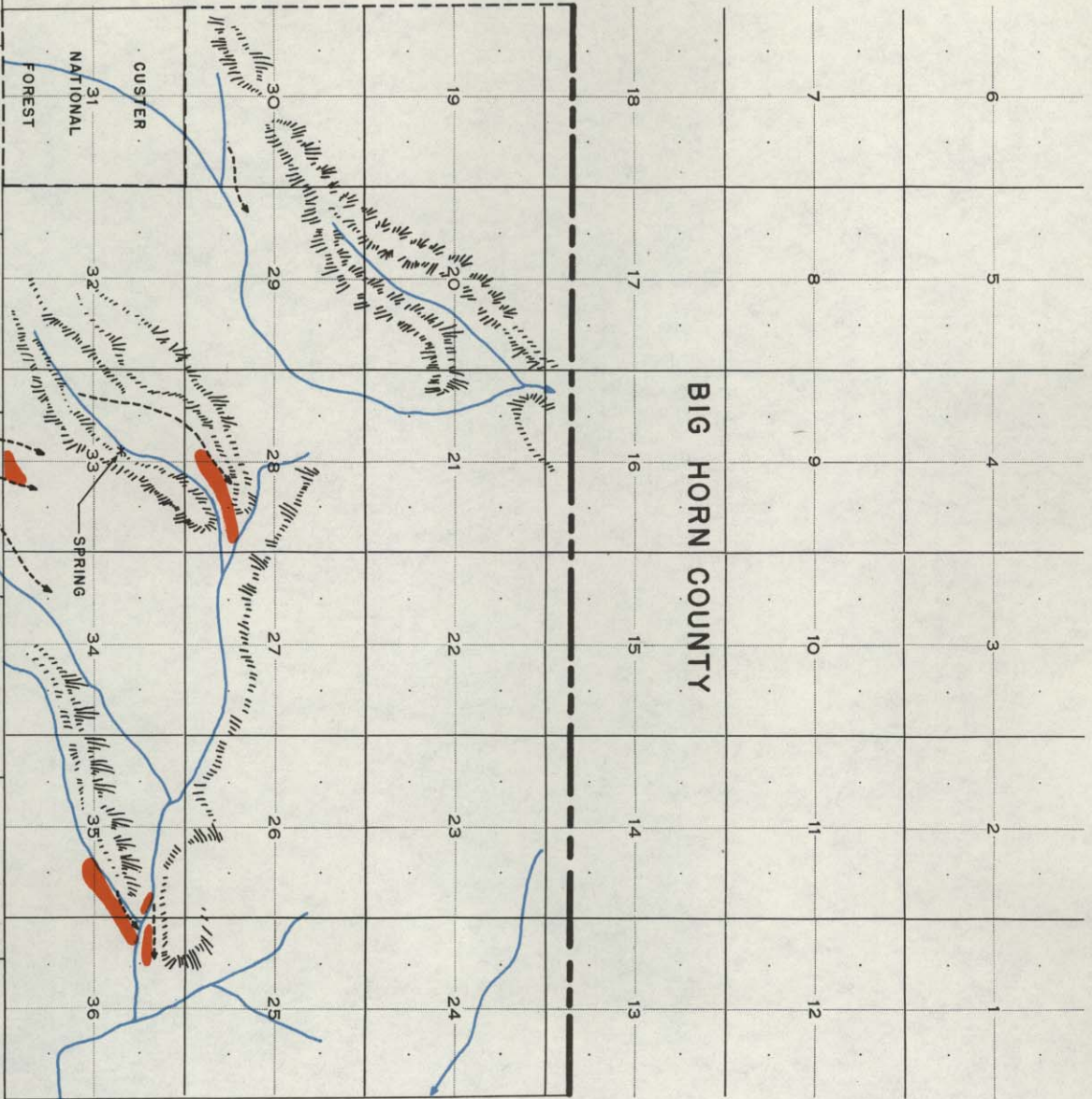




BIG HORN COUNTY

 PRIVATE

LEGEND



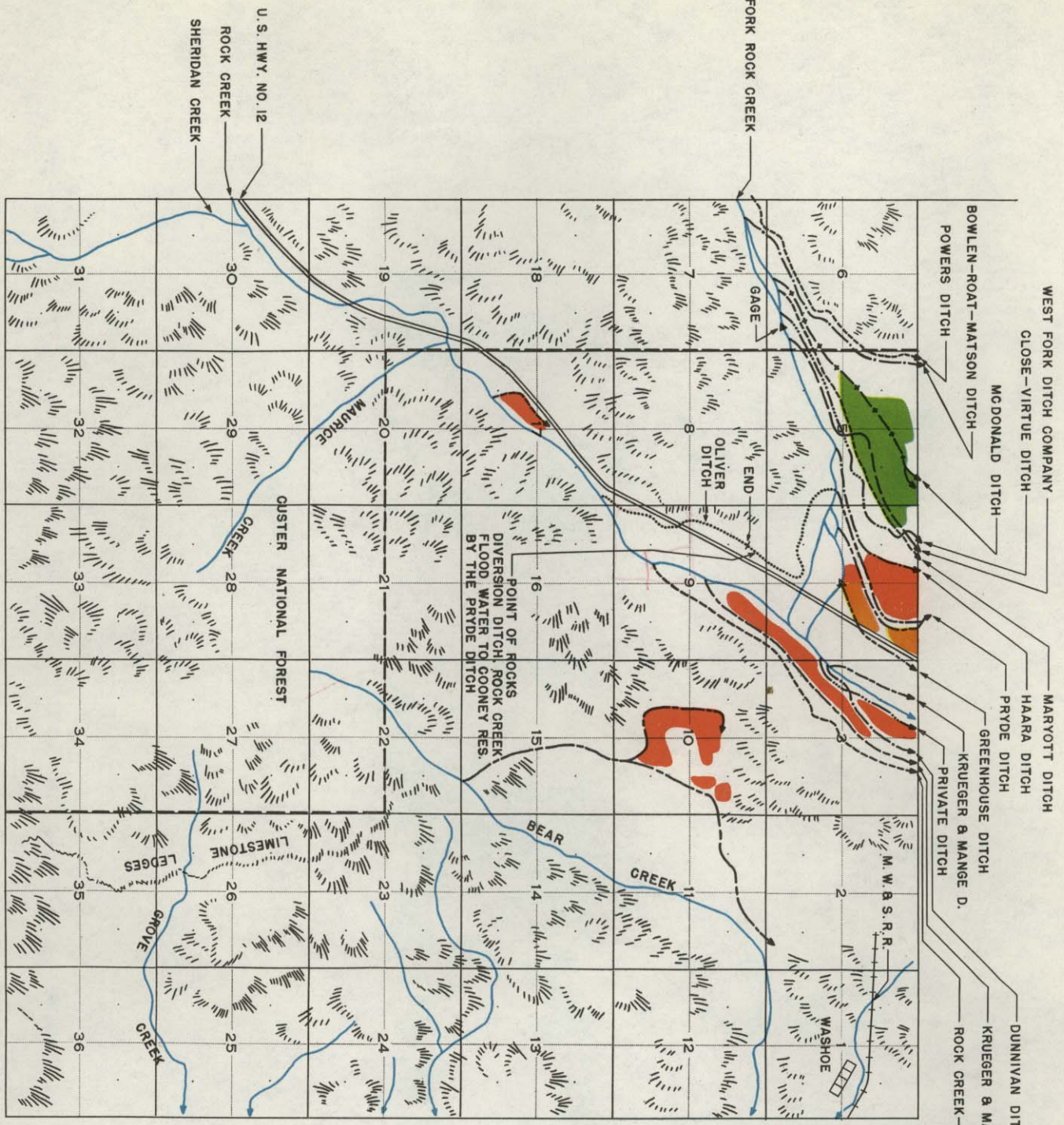
T. 8S-R. 28E.  
T. 8S-R. 29E.





Township No. 8 SOUTH Range No. 20 EAST County CARBON

T. 8 S. R. 20 E.



- LEGEND**
- MC DONALD
  - PRYDE
  - PRIVATE

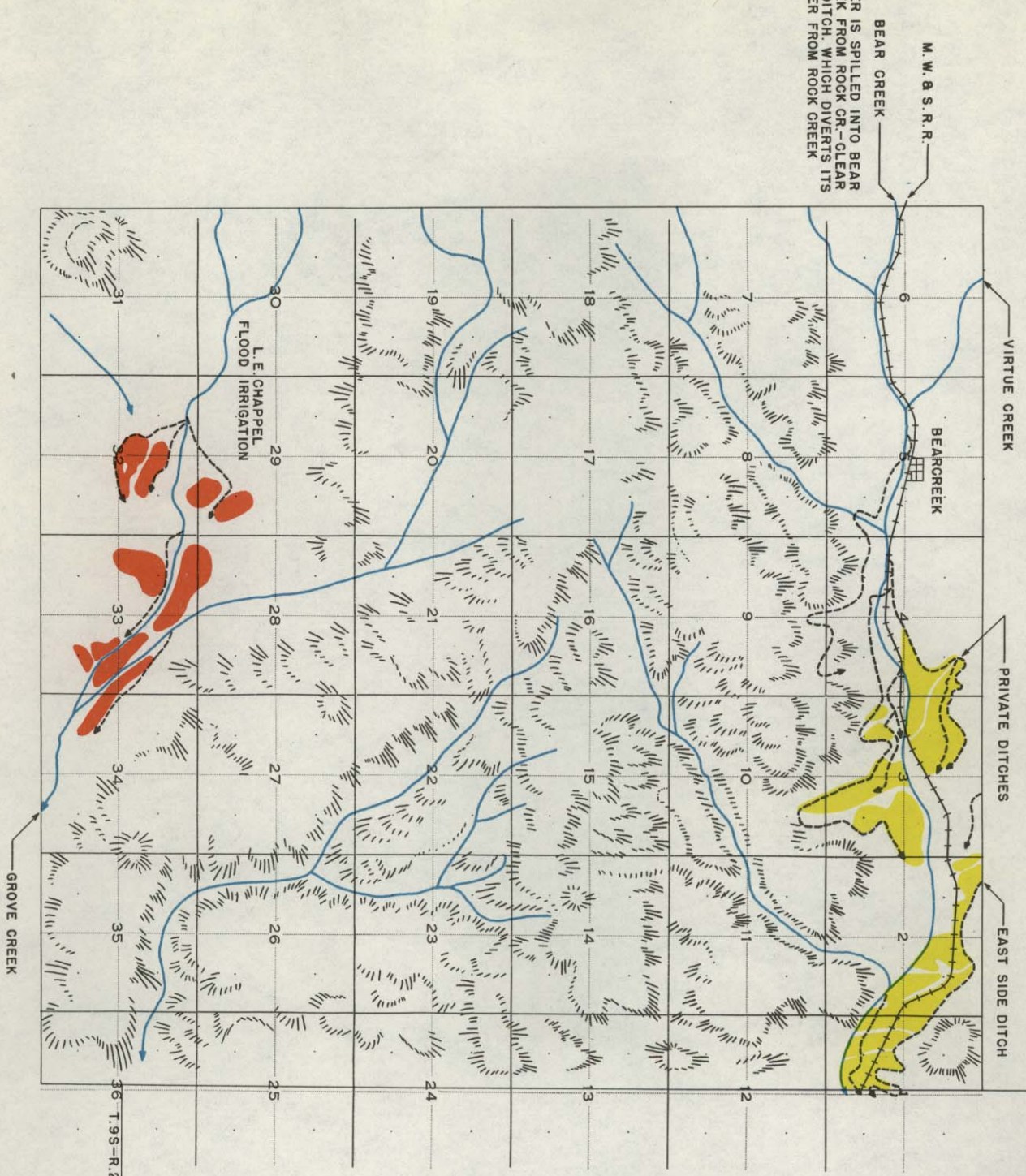




Township No. 8 SOUTH Range No. 21 EAST County CARBON

T. 8 S. R. 21 E

T. 8S-R. 22E



- LEGEND**
- ROCK CREEK - CLEAR CREEK
  - PRIVATE





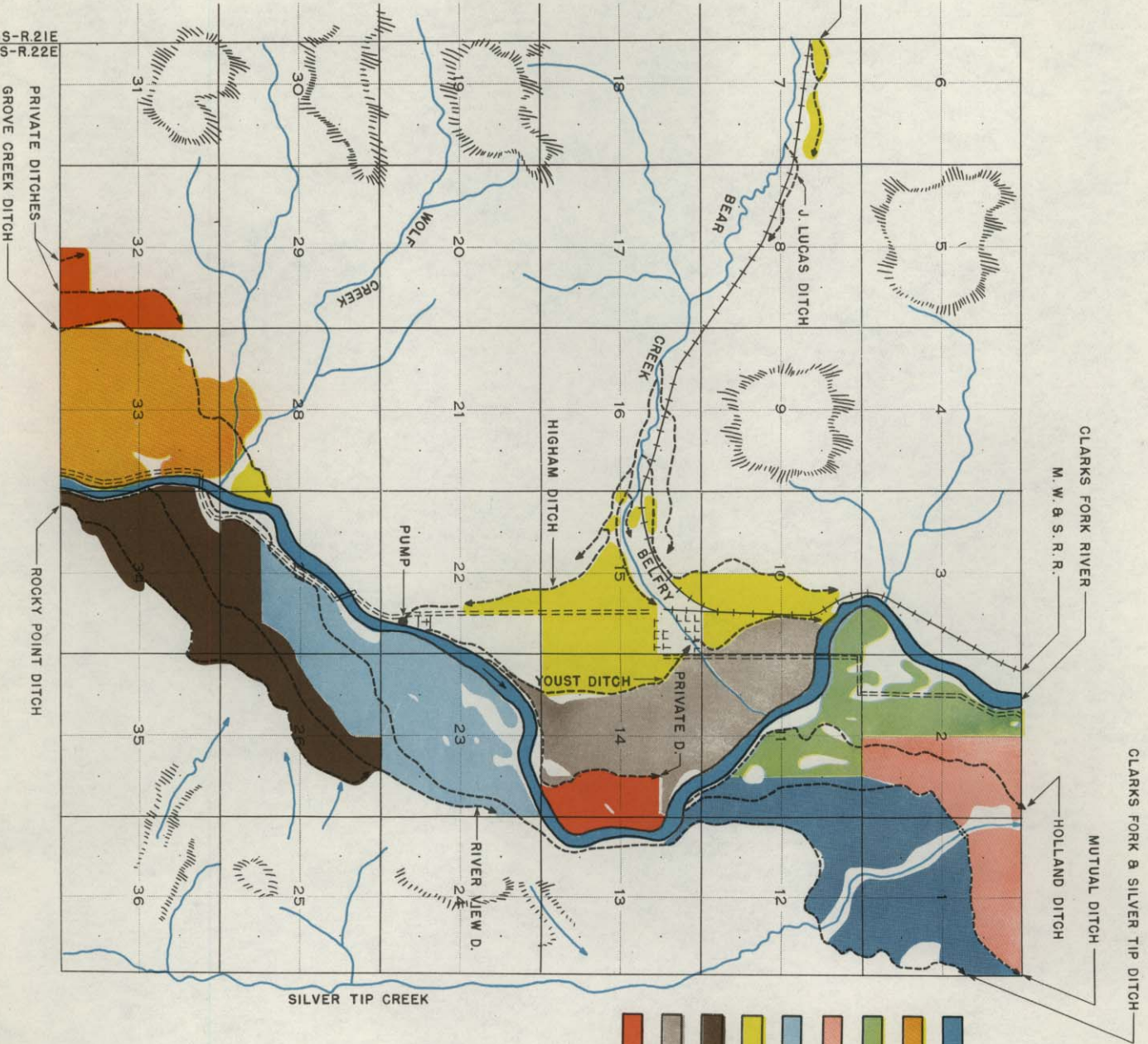
Township No. 8 SOUTH

Range No. 22 EAST

County CARBON

T. 8 S  
R. 22 E

T.8S-R.21E  
T.9S-R.22E



- LEGEND**
- CLARKS FORK & SILVER
  - GROVE CREEK CANAL
  - HOLLAND
  - MUTUAL
  - RIVERVIEW
  - ROCK CREEK - CLEAR CRE
  - ROCKY POINT
  - YOUST
  - PRIVATE





Township No. 8 SOUTH

Range No. 23 EAST

County CARBON

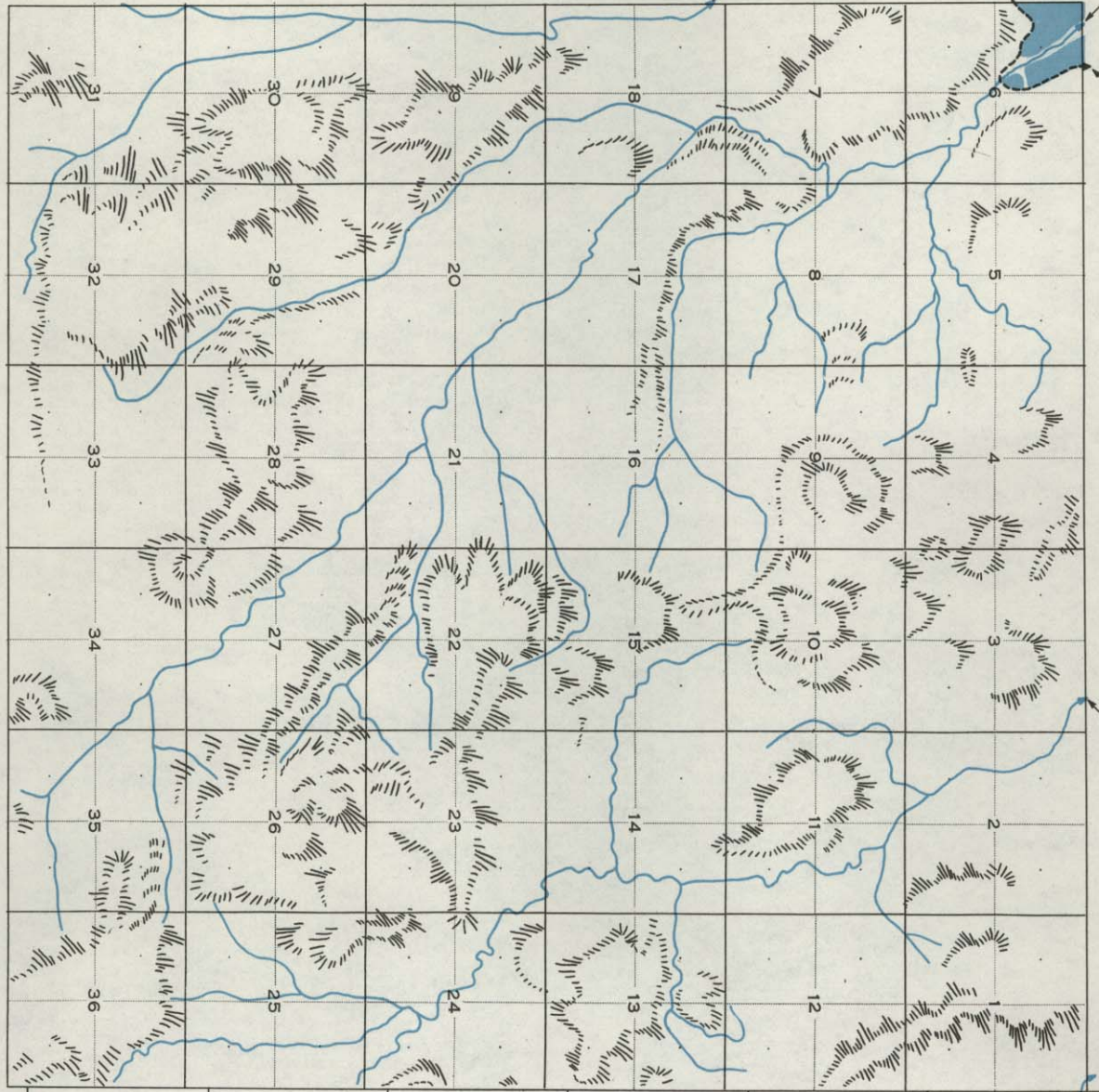
T. 8 SO  
R. 23 E

HUNT CREEK

SILVER TIP DITCH

COTTONWOOD CREEK

SILVER TIP CREEK



T. 7S-R. 24E  
T. 6S-R. 24E

LEGEND



CLARKS FORK & SILVER T...



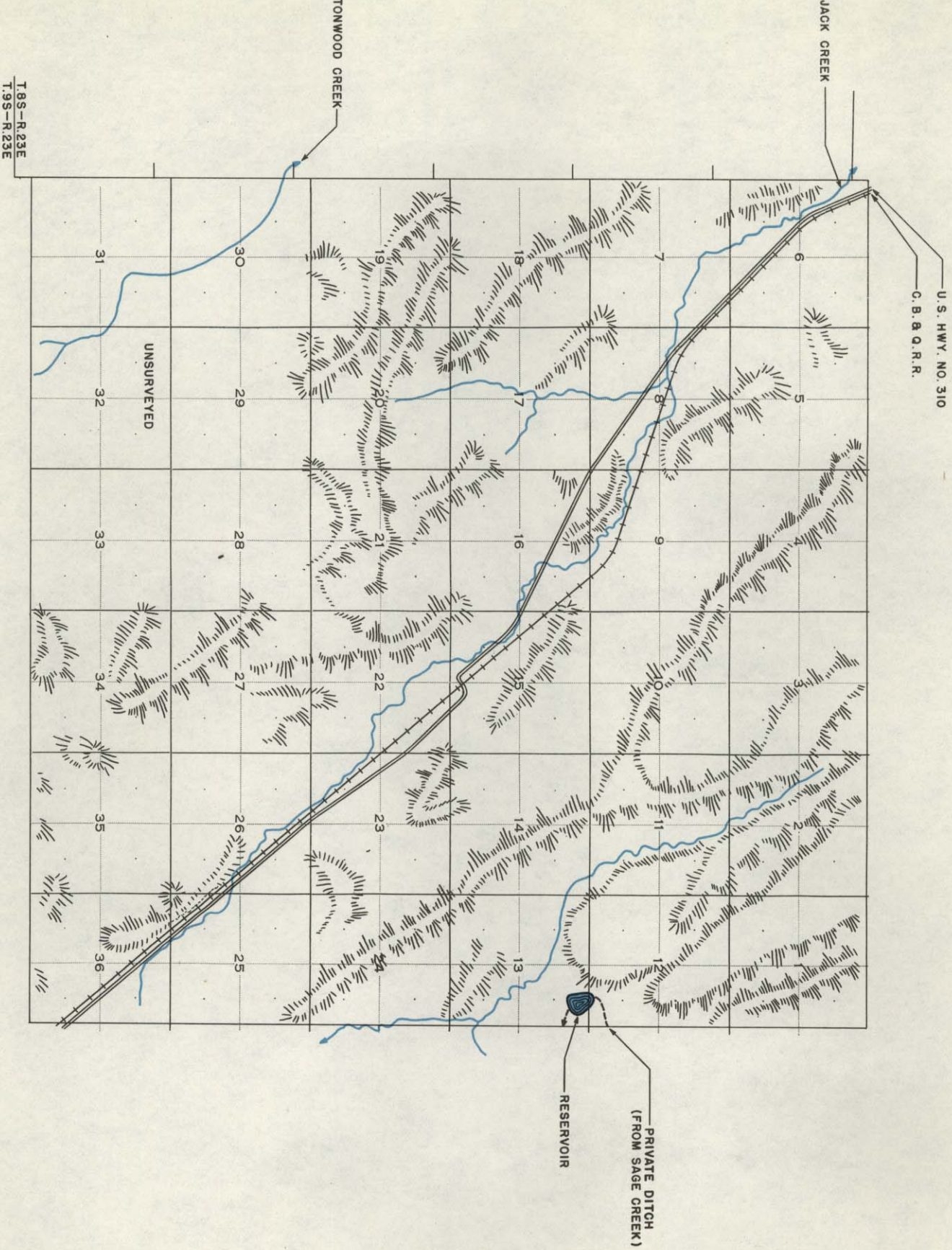


Township No. 8 SOUTH

Range No. 24 EAST

County CARBON

T. 8 S0  
R. 24 E1



T. 8 S - R. 23 E  
T. 9 S - R. 23 E

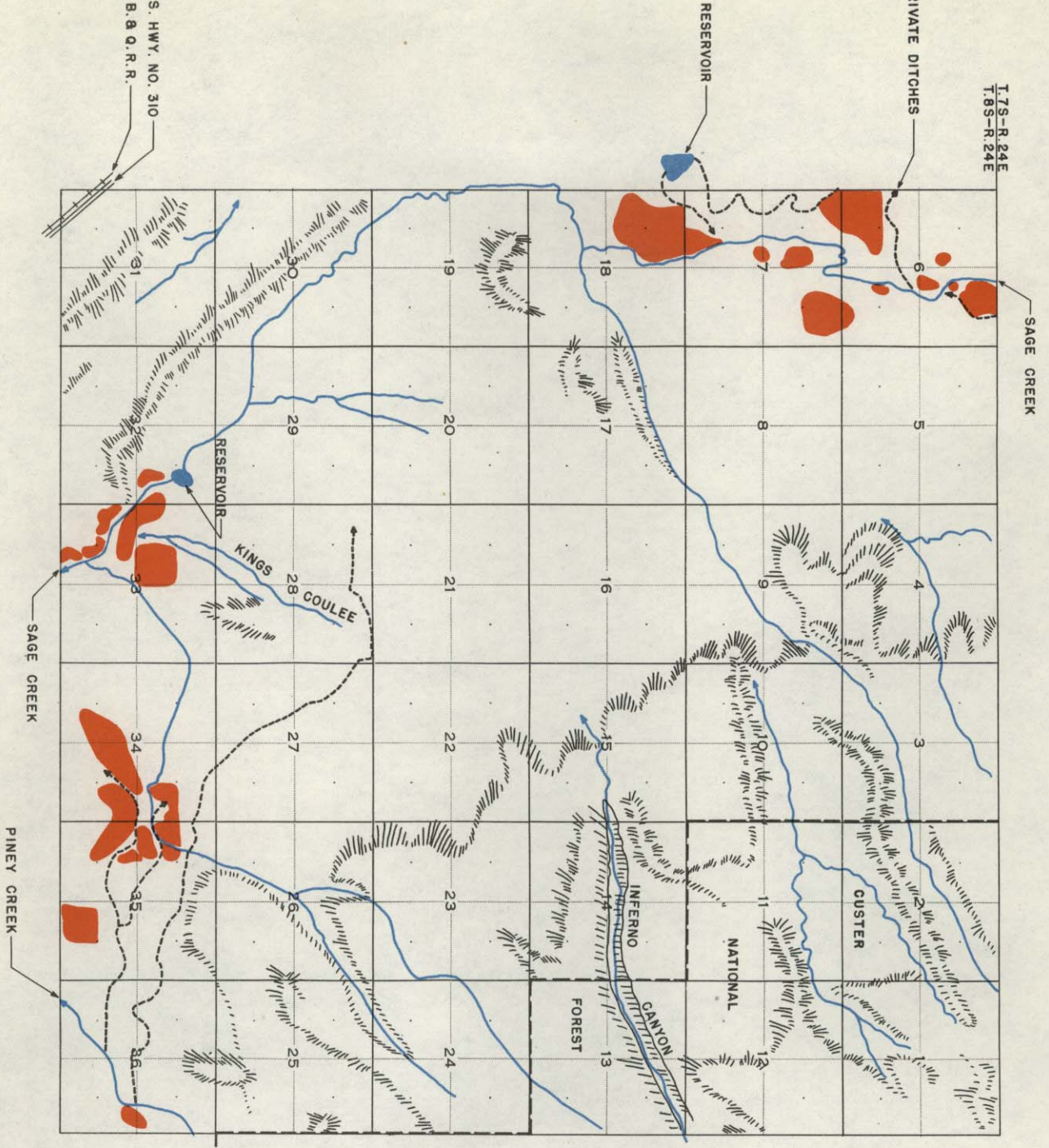





Township No. **8 SOUTH** Range No. **25 EAST** County **CARBON**

T. 8 SOUTH  
R. 25 EAST

T. 7S-R. 24E  
T. 8S-R. 24E



 PRIVATE

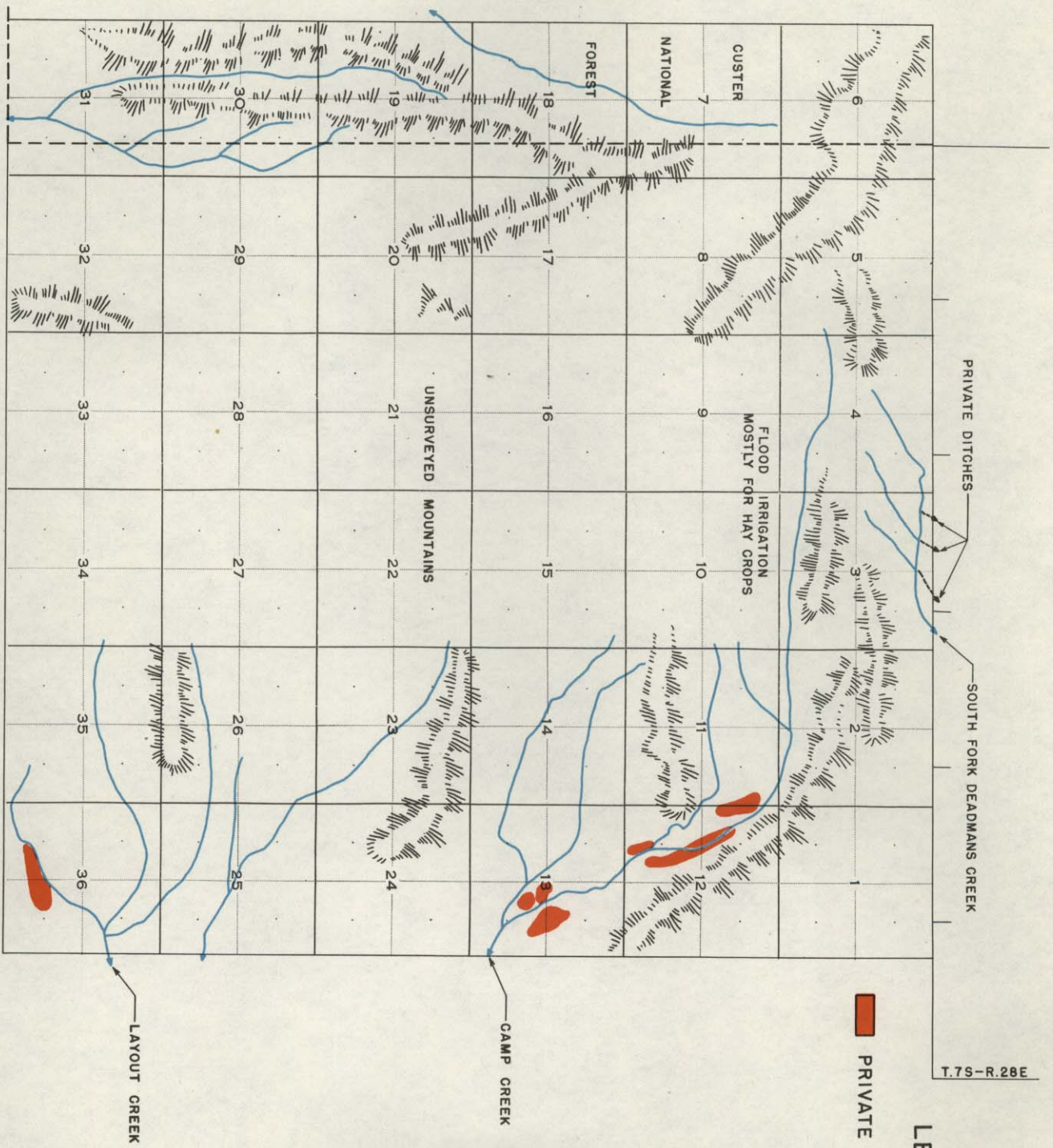
LEGEND





Township No. 8 SOUTH Range No. 28 EAST County CARBON

T. 8 S. 0  
R. 28 E.



T. 7 S - R. 28 E

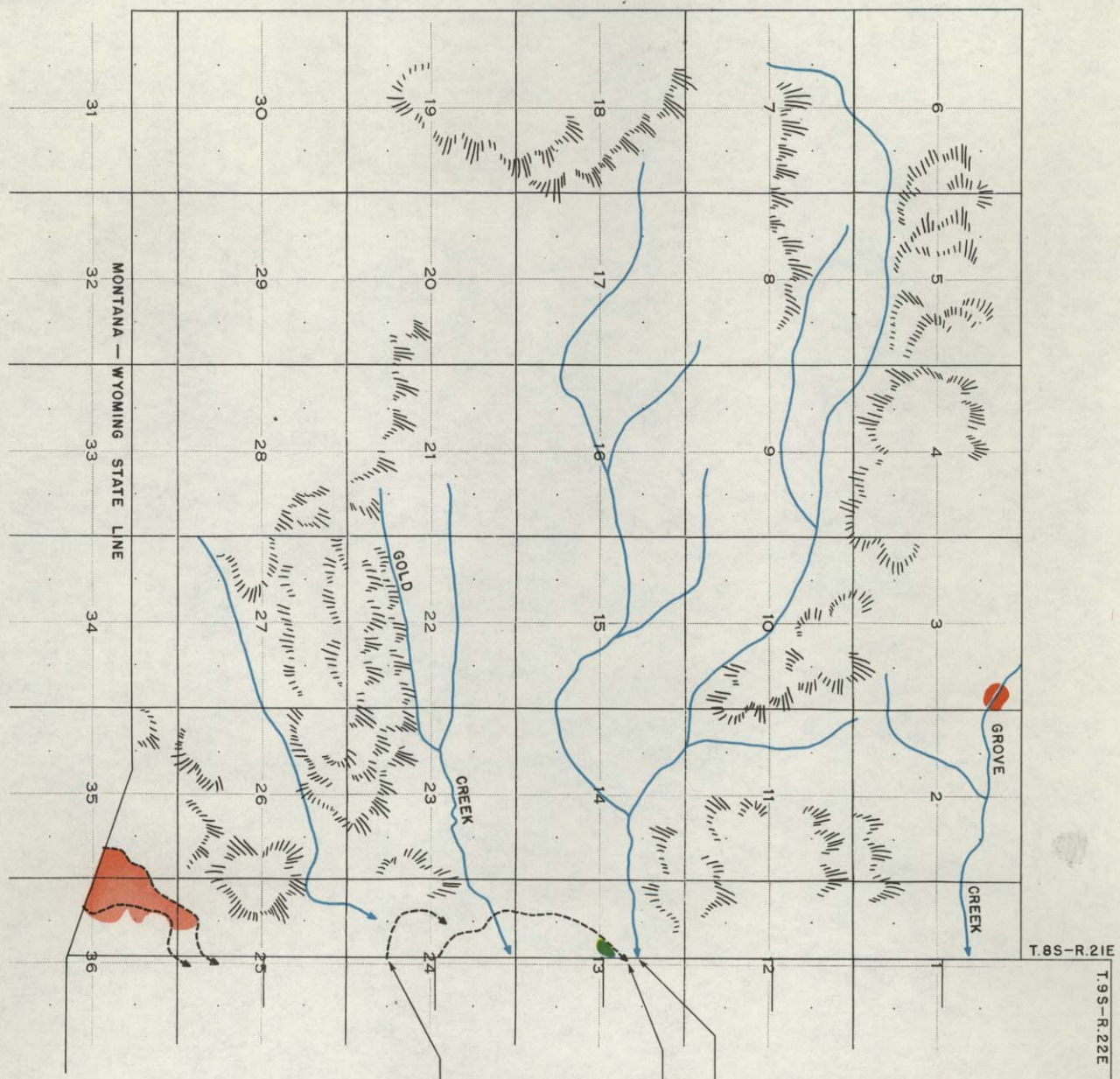
LEGEND

PRIVATE

LAYOUT CREEK

CAMP CREEK





T. 9S-R. 22E  
T. 8S-R. 21E

**LEGEND**

- DOCTOR
- INTERSTATE
- PRIVATE

DILLWORTH CREEK  
INTERSTATE DITCH  
DOCTOR DITCH



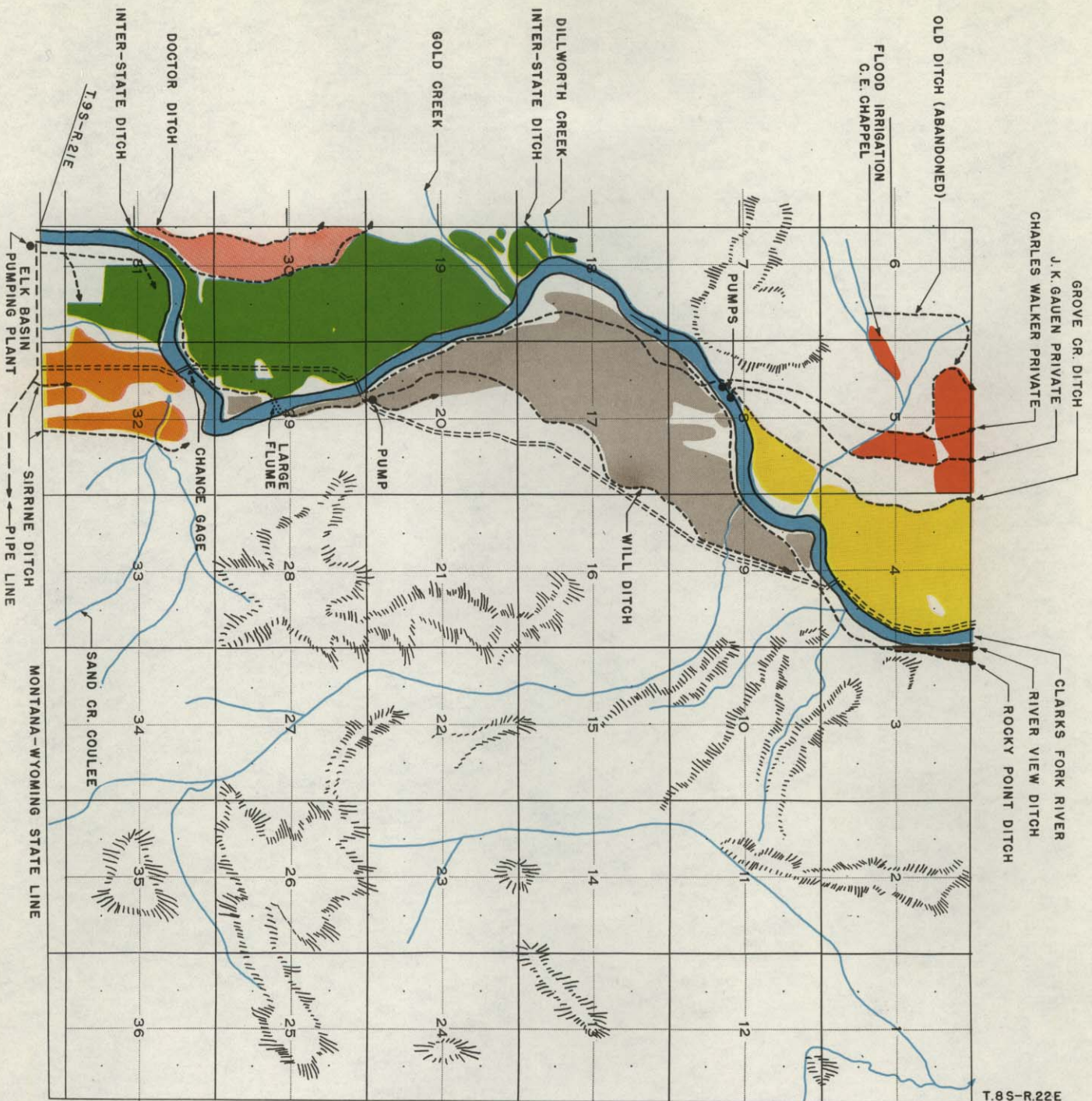


Township No. 9 SOUTH

Range No. 22 EAST

County CARBON

T. 9 S  
R. 22 E



T.89-R.22E  
T.89-R.23E

- LEGEND**
- DOCTOR
  - GROVE CREEK CANAL
  - INTERSTATE
  - ROCKY POINT
  - SIRRINE
  - WILL
  - PRIVATE





Township No. 9 SOUTH

Range No. 25 EAST

County CARBON

T. 9 S. 0  
R. 25 E

C. B. & Q. R. R. — U.S. HWY. NO. 310

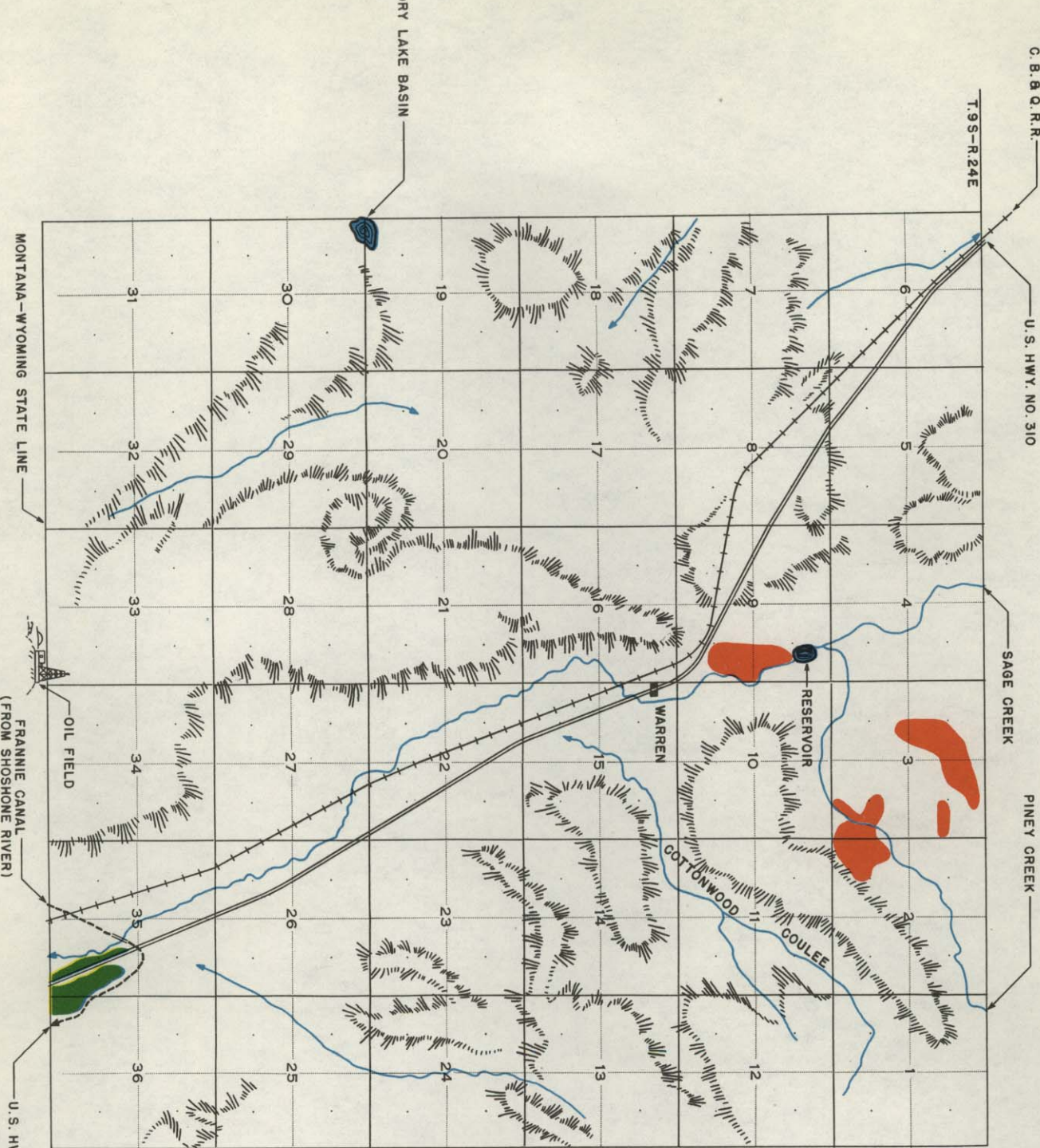
T. 9 S.—R. 24 E

SAGE CREEK

PINEY CREEK

LEGEND

|   |         |
|---|---------|
|  | FRANNIE |
|  | PRIVATE |



MONTANA-WYOMING STATE LINE

OIL FIELD

FRANNIE CANAL  
(FROM SHOSHONE RIVER)

U.S. HWY. NO. 310 TO LOVELL, WYO.





Township No. 9 & 10 SOUTH  
 Range No. 27 EAST  
 County CARBON

T. 9 & 10 S  
 R. 27 EAS

