

ROCK CREEK

Ashworth 2

DESCRIPTION AND OPERATION MEMORANDUM

ASHWORTH #2 DITCH

USGS ID 44109 A2, 44109 B9 USGS NAME PITCHFORK, THOMAS RESERVOIR

DIVERSION DESCRIPTION

One 24" screwtype gate on buried 24" culvert.

DIVERSION LOCATION

Source: Rock Creek
N 33° 57'W, 5268' from the NE corner Section 21, Township 48N, Range 103W.

CONVEYANCE DESCRIPTION

Open dirt ditch 2 1/2 miles long, then dumping into old line of the Rock Creek Ditch, with major lateral to lands on Rose Creek. Delivers water to approximately 780 acres in one ownership. Ditch capacity ~ 12 c.f.s.

WYOMING WATER RIGHTS

Priority Date	Permit Number	Permit Use	Acres	Flow(cfs)	(af)	Cumulative Flow(cfs)	Comments
8/04/1884	Terr.	Irr.	783.00	11.18		11.18	

STORAGE RIGHTS

None

ESTIMATED CANAL LOSSES

Varies with time of year; estimated 20-25% at peak.

IRRIGATION PRACTICES

Conventional flood irrigation practices.

CROP TYPES / CONSUMPTIVE USE

Hay and pasture

RETURN FLOWS

Some to Rose Creek, remainder to Greybull River.

OTHER OPERATIONAL INFORMATION

CONTACT INFORMATION

Pitchfork Ranch Co.
Meeteetse, WY
(307)868-2407

PHOTO LOG

Information collected from files available at Division 3 Office of the State Engineer Office in Riverton, WY, and from the ditch contact person when available.

DIVERSION RECORD

Year	Measured Data
1983	6/28, 10.17 cfs; 6/29, 10.17 cfs; 6/30, 10.17 cfs; 7/1, 10.17 cfs; 7/2, 10.17 cfs; 7/3, 10.17 cfs; 7/4, 10.17 cfs; 7/5, 10.17 cfs; 7/6, 10.17 cfs; 7/7, 10.17 cfs; 7/8, 9.82 cfs; 7/9, 9.82 cfs; 7/10, 9.82 cfs; 7/11, 10 cfs; 7/12, 10 cfs; 7/13, 10.53 cfs; 7/14, 10.53 cfs; 7/15, 7.97 cfs; 7/16, 7.97 cfs; 7/17, 7.97 cfs; 7/18, 7.97 cfs; 7/19, 7.97 cfs; 7/20, 7.97 cfs; 7/21, 7.97 cfs; 7/22, 7.97 cfs; 7/23, 7.97 cfs; 7/24, 7.97 cfs; 7/25, 1.82 cfs; 7/26, 1.82 cfs; 7/27, 1.82 cfs; 7/28, 1.82 cfs; 7/29, 1.73 cfs; 7/30, 1.73 cfs; 7/31, 1.73 cfs; 8/1, 1.73 cfs; 8/2, 1.73 cfs; 8/3, 1.73 cfs; 8/4, 1.73 cfs; 8/5, 1.73 cfs; 8/6, 1.63 cfs; 8/7, 1.63 cfs; 8/8, 1.63 cfs; 8/9, 1.63 cfs; 8/10, 1.63 cfs; 8/11, 1.63 cfs; 8/12, 1.63 cfs; 8/13, 1.63 cfs; 8/14, 1.63 cfs; 8/15, 1.63 cfs
1984	6/11, 10.17 cfs; 6/12, 10.17 cfs; 6/13, 10.17 cfs; 6/14, 10.17 cfs; 6/15, 10.17 cfs; 6/16, 10.17 cfs; 6/17, 10.17 cfs; 6/18, 12 cfs; 6/19, 12 cfs; 6/20, 12 cfs; 6/21, 12 cfs; 6/22, 12 cfs; 6/23, 12 cfs; 6/24, 12 cfs; 6/25, 12 cfs; 6/26, 12 cfs; 6/27, 12 cfs; 6/28, 12 cfs; 6/29, 12 cfs; 6/30, 12 cfs; 7/1, 12 cfs; 7/2, 12 cfs; 7/3, 12 cfs; 7/4, 12 cfs; 7/5, 12 cfs; 7/6, 12 cfs; 7/7, 12 cfs; 7/8, 12 cfs; 7/9, 12 cfs; 7/10, 4.84 cfs; 7/11, 4.84 cfs; 7/12, 4.84 cfs; 7/13, 4.84 cfs; 7/14, 4.84 cfs; 7/15, 4.84 cfs; 7/16, 4.84 cfs; 7/17, 4.84 cfs; 7/18, 4.84 cfs; 7/19, 4.05 cfs; 7/20, 4.05 cfs; 7/21, 4.05 cfs; 7/22, 4.05 cfs; 7/23, 4.05 cfs; 7/24, 4.05 cfs; 7/25, 4.05 cfs; 7/26, 3.68 cfs; 7/27, 3.68 cfs; 7/28, 3.68 cfs; 7/29, 3.68 cfs; 7/30, 3.68 cfs; 7/31, 3.68 cfs; 8/1, 3.68 cfs; 8/2, 3.68 cfs; 8/3, 3.68 cfs; 8/4, 3.68 cfs; 8/5, 3.68 cfs; 8/15, 6.11 cfs; 8/16, 6.11 cfs; 8/17, 6.11 cfs; 8/18, 6.11 cfs; 8/19, 6.11 cfs
1985	6/24, 7.12 cfs; 6/25, 7.49 cfs; 6/26, 7.49 cfs; 6/27, 7.49 cfs; 6/28, 7.49 cfs; 6/29, 7.49 cfs; 6/30, 7.49 cfs; 7/1, 5.82 cfs; 7/2, 5.82 cfs; 7/3, 5.82 cfs; 7/4, 5.82 cfs; 7/5, 5.82 cfs; 7/6, 5.82 cfs; 7/7, 5.82 cfs; 7/8, 4.05 cfs; 7/9, 4.05 cfs; 7/10, 4.05 cfs; 7/11, 4.05 cfs; 7/12, 4.05 cfs; 7/13, 3.68 cfs; 7/14, 3.68 cfs; 7/15, 3.68 cfs; 7/16, 3.68 cfs; 7/17, 3.68 cfs; 7/18, 3.08 cfs; 7/19, 3.08 cfs; 7/20, 3.08 cfs; 7/21, 3.08 cfs; 7/22, 3.08 cfs; 7/23, 3.08 cfs; 7/24, 3.08 cfs; 7/25, 2.53 cfs; 7/26, 2.53 cfs; 7/27, 2.53 cfs; 7/28, 2.53 cfs; 7/29, 2.53 cfs
1986	6/2, 10.17 cfs; 6/3, 10.17 cfs; 6/4, 10.17 cfs; 6/5, 10.17 cfs; 6/6, 8.46 cfs; 6/7, 8.46 cfs; 6/8, 8.46 cfs; 6/9, 8.46 cfs; 6/10, 8.46 cfs; 6/11, 9.3 cfs; 6/12, 9.3 cfs; 6/13, 9.3 cfs; 6/14, 9.3 cfs; 6/15, 9.3 cfs; 6/16, 9.3 cfs; 6/17, 9.3 cfs; 6/18, 9.3 cfs; 6/19, 9.3 cfs; 6/20, 8.79 cfs; 6/21, 8.79 cfs; 6/22, 8.79 cfs; 6/23, 8.79 cfs; 6/24, 8.79 cfs; 6/25, 8.79 cfs; 6/26, 8.79 cfs; 6/27, 5.97 cfs; 6/28, 5.97 cfs; 6/29, 5.97 cfs; 6/30, 5.97 cfs; 7/1, 8.46 cfs; 7/2, 8.46 cfs; 7/3, 8.46 cfs; 7/4, 8.46 cfs; 7/5, 8.46 cfs; 7/6, 8.46 cfs; 7/7, 7.97 cfs; 7/8, 7.97 cfs; 7/9, 7.97 cfs; 7/10, 7.97 cfs; 7/11, 7.97 cfs; 7/12, 7.97 cfs; 7/13, 7.97 cfs; 7/14, 7.17 cfs; 7/15, 7.17 cfs; 7/16, 7.17 cfs; 7/17, 7.17 cfs; 7/18, 3.44 cfs; 7/19, 3.44 cfs; 7/20, 3.44 cfs; 7/31, 3.32 cfs; 8/1, 3.32 cfs; 8/2, 3.32 cfs; 8/3, 3.32 cfs; 8/4, 3.32 cfs; 8/5, 3.32 cfs; 8/6, 2.86 cfs; 8/7, 2.86 cfs; 8/8, 2.86 cfs; 8/9, 2.86 cfs; 8/10, 2.86 cfs; 8/11, 2.64 cfs; 8/12, 2.64 cfs; 8/13, 2.64 cfs; 8/14, 2.64 cfs; 8/15, 2.64 cfs; 8/16, 2.64 cfs; 8/17, 2.64 cfs; 8/18, 1.54 cfs; 8/19, 1.54 cfs; 8/20, 1.54 cfs; 8/21, 1.54 cfs; 8/22, 1.54 cfs; 8/23, 1.54 cfs; 8/24, 1.54 cfs; 8/25, 1.54 cfs; 8/26, 3.32 cfs; 8/27, 3.32 cfs; 8/28, 3.32 cfs; 8/29, 3.32 cfs; 8/30, 3.32 cfs; 8/31, 3.32 cfs; 9/1, 3.32 cfs
1995	3/14, Off; 3/20, Off; 4/3, Off; 4/6, Off; 4/17, Off; 4/24, Off; 4/29, Off; 6/1, Off; 6/7, Off; 6/14, Off; 6/20, Off; 6/29, 12.32 cfs; 7/6, 12.32 cfs; 7/10, 12.32 cfs; 7/17, 12.32 cfs; 7/25, Off; 7/31, Off; 8/2, Off; 8/4, Off; 8/30, Off; 9/11, Off; 9/20, Off; 9/25, Off
1996	5/31, Off; 6/3, 12 cfs; 6/10, 12 cfs; 6/17, 12 cfs; 6/24, 12 cfs; 7/3, 12 cfs; 7/10, 4 cfs; 7/17, 2.35 cfs; 7/24, Off; 7/31, Off; 8/14, Off; 8/22, 4.05 cfs; 9/10, Off; 9/17, Off
1997	6/5, 12 cfs; 7/3, 4.05 cfs; 7/13, 4.05 cfs; 8/29, Off; 9/4, Off; 9/12, Off; 9/18, Off; 9/30, Off
1998	3/6, Off; 3/13, Off; 3/20, Off; 3/27, Off; 4/3, Off; 6/10, Off; 6/22, Off; 6/30, Off; 7/7, Off; 7/15, Off; 7/24, Off; 8/7, Off; 8/14, Off; 9/3, Off; 9/10, Off; 9/14, Off; 9/29, Off
1999	6/16, 3 cfs; 7/12, Off; 8/19, Off; 8/24, Off
2000	5/24, Off; 6/10, 12 cfs; 7/20, Off; 7/31, 11.26 cfs; 8/13, 4.05 cfs; 9/7, Off; 9/14, Off
2001	3/1, Off; 3/5, Off; 3/12, Off; 3/19, Off; 3/26, Off; 4/2, Off; 4/9, Off; 4/16, Off; 4/22, Off; 4/30, Off; 5/8, Off; 5/15, Off; 6/4, 7.49 cfs; 7/2, Off; 7/18, Off; 7/23, Off; 7/28, Off; 8/2, Off; 8/5, Off; 8/8, Off; 8/11, Off; 8/17, Off; 8/20, Off; 8/28, Off

Notes:

- 1 For days in which two measurements were taken, one of the measurements was assigned to the day immediately before or after the actual measurement day.
- 2 Data from SEO Hydrographers Reports for years when spot measurements taken.