

GOOSEBERRY CREEK

**Blake Denton
Sunnyside**

DESCRIPTION AND OPERATION MEMORANDUM

BLAKE DENTON DITCH

DIVERSION DESCRIPTION

One 5' wide rectangular screwtype sliding steel gate in concrete headwall approximately 1/4 mile downditch from the point of diversion from Gooseberry Creek.

DIVERSION LOCATION

Source: Gooseberry Creek
N 15° 44' 45" W, 3392' from the SE corner Section 8, Township 46N, Range 94W.

CONVEYANCE DESCRIPTION

Open dirt ditch approximately 5 miles long with two major flumes crossing badlands draws and one flume crossing Gooseberry Creek to serve lands south of the creek. Ditch serves approximately 930 acres and 5 users. Ditch capacity approximately 15 c.f.s.

WYOMING WATER RIGHTS

Priority Date	Permit Number	Permit Use	Acres	Flow(cfs)	(af)	Cumulative Flow(cfs)	Comments
12/21/1906	7733	Irr.	972.00	13.22		13.22	

STORAGE RIGHTS

Blake-Denton No.1 and No.2 Reservoirs

ESTIMATED CANAL LOSSES

Varies with time of year; estimated 35-40% at peak.

IRRIGATION PRACTICES

Conventional flood irrigation practices enhanced by some use of gated and solid irrigation pipe.

CROP TYPES / CONSUMPTIVE USE

Alfalfa hay, pasture, small grains, some row crops.

RETURN FLOWS

Minimal

OTHER OPERATIONAL INFORMATION

Some acres supplemented by pump delivery out of Bluff Canal. Late priority on poor supply creek.

CONTACT INFORMATION

Elterdon Farms
Worland, WY
(307) 347-2755

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

DESCRIPTION AND OPERATION MEMORANDUM

SUNNYSIDE CANAL

DIVERSION DESCRIPTION

Two 36" screwtype sliding steel headgates in timber headwalls. One gate diverts to the Southline Sunnyside Canal out of the south side of Gooseberry Creek and the other diverts to the Northline Sunnyside Canal out of the north side of Gooseberry Creek.

DIVERSION LOCATION

Source: Gooseberry Creek

Northline Sunnyside - N 78° 16' W, 4263.5' from the NW corner of Section 6, Township 46N, Range 94W.

Southline Sunnyside - N 85° 42' W, 3195.7' from the NW corner of Section 6, Township 46N, Range 94W.

CONVEYANCE DESCRIPTION

Northline ditch is 4 miles long and serves approximately 320 acres and 4 users. Ditch capacity ~ 15 c.f.s. Part of the water rights have been moved to the Toyne ditch. Southline ditch is 6 1/2 miles long and serves approximately 1290 acres and 8 users. Ditch capacity is ~ 25 c.f.s.

WYOMING WATER RIGHTS

Priority Date	Permit Number	Permit Use	Acres	Flow(cfs)	(af)	Cumulative Flow(cfs)	Comments
3/14/1907	7732	Irr.	1013.50	14.46		14.46	
2/01/1909	2185E	Dom.,Irr.	553.00	7.91		22.37	
6/22/1915	3267E	Dom.,Irr.	370.00	5.28		27.65	

STORAGE RIGHTS

None

ESTIMATED CANAL LOSSES

Varies with the time of year; estimated 35% at peak.

IRRIGATION PRACTICES

Conventional flood irrigation practices enhanced by the use of gated and solid irrigation pipe.

CROP TYPES / CONSUMPTIVE USE

Alfalfa hay, small grains, pasture.

RETURN FLOWS

Minimal

OTHER OPERATIONAL INFORMATION

CONTACT INFORMATION

Elterdon Farms
c/o Elmer Nelson
Worland, WY
(307) 347-2755

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