

BADWATER CREEK

LOST CABIN
OKIE

DESCRIPTION AND OPERATION MEMORANDUM

LOST CABIN WATERWORKS DITCH

DIVERSION DESCRIPTION

One 3' screwtype sliding steel gate over 36" culvert.

DIVERSION LOCATION

Source: Badwater Creek
S 38° 30' E, 1887' from the NW corner Section 26, Township 39N, Range 90W, and is in the SW 1/4 NW 1/4 Section 26.

CONVEYANCE DESCRIPTION

Open dirt ditch 3 miles long with one 2 1/2 mile extension, plus three reservoir supply ditches totaling another 1 1/2 miles of ditch. Ditch serves approximately 1250 acres in one land ownership, plus the town of Lost Cabin. Ditch is also the supply ditch for Okie Reservoir, and Lost Cabin Waterworks Reservoirs 1,2 and 3. Ditch capacity is approximately 30 c.f.s. (includes acres originally permitted under Tyrell, Norton and Coughy ditches.)

WYOMING WATER RIGHTS

Priority Date	Permit Number	Permit Use	Acres	Flow(cfs)	(af)	Cumulative Flow(cfs)	Comments
7/17/1900	2723	Irr.	33.00	0.47		0.47	
4/10/1903	5408	Irr.	22.00	0.31		0.78	
4/10/1903	5575	Irr.	20.00	0.28		1.06	
12/19/1905	1478E	Irr.	59.00	0.84		1.90	
10/04/1909	2129E	Irr.	224.00	3.20		5.10	
5/27/1910	2283E	Irr.	885.00	12.65		17.75	
9/03/1947	5449E	Supply					
11/05/1951	5962E	Supply					

STORAGE RIGHTS

Okie Reservoir, Lost Cabin Waterworks Reservoirs No. 1, 2, and 3.

ESTIMATED CANAL LOSSES

Varies with the time of year; estimated 30% at peak.

IRRIGATION PRACTICES

Conventional flood irrigation practices enhanced by the use of irrigation pipe.

CROP TYPES / CONSUMPTIVE USE

Alfalfa hay, grass hay, pasture, yards and gardens.

RETURN FLOWS

Minimal

OTHER OPERATIONAL INFORMATION

CONTACT INFORMATION

Burlington Resources
c/o Zane Fross
Lysite, WY
(307) 876-2348

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

OKIE DITCH

DIVERSION DESCRIPTION

One 42" rectangular metal sliding gate on screw stem in timber headwall.

DIVERSION LOCATION

Source: Badwater Creek
S 60°41' W, 1699' from the NE corner section 3, Township 38N, Range 90W, and is in the NW 1/4 NE 1/4 Section 3

CONVEYANCE DESCRIPTION

Open dirt ditch approximately 4 miles long delivering water to 1035 acres in one ownership. Includes delivery to lands originally permitted under Smith and Cummings ditches. Ditch capacity is approximately 25 c.f.s.

WYOMING WATER RIGHTS

Priority Date	Permit Number	Permit Use	Acres	Flow(cfs)	(af)	Cumulative Flow(cfs)	Comments
1884	Terr.	Irr.	79.00	1.12		1.12	
1889	146E	Irr.	167.00	2.38		3.50	
4/14/1900	2547	Irr.	40.00	0.57		4.07	
7/17/1900	2722	Irr.	13.00	0.18		4.25	
4/30/1910	2227E	Irr.	735.50	10.50		14.75	

STORAGE RIGHTS

Okie Reservoir, Lost Cabin Waterworks Reservoirs No. 1, 2, and 3.

ESTIMATED CANAL LOSSES

Varies with the time of year; estimated 30-35% at peak.

IRRIGATION PRACTICES

Conventional flood irrigation practices enhanced by the use of irrigation pipe.

CROP TYPES / CONSUMPTIVE USE

Alfalfa hay, grass hay, pasture.

RETURN FLOWS

Minimal

OTHER OPERATIONAL INFORMATION

CONTACT INFORMATION

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