

Structure Summary Report

HydroBase

State of Colorado

Structure Summary Report

HydroBase

Structure Name:	RED MOUNTAIN EXT DITCH							Water District:	38	Structure ID Number:	1790
Source:	Hunter Creek										
Location:	Q10	Q40	Q160	Section	Twtnshp	Range	PM				
	NW	SW	SW	5	10S	84W	S				
Distance From Section Lines:	From N/S Line:					From E/W Line:					
UTM Coordinates (NAD 83):	Northing (UTM y):		4341059			Easting (UTM x):		344596		Spotted from PLSS distances from section lines	
Latitude/Longitude (decimal degrees):			39.204908					-106.799817			

Water Rights Summary:		Total Decreed Rate(s) (CFS):	Absolute:	27.3400	Conditional:	0.0000	AP/EX:	0.0000
		Total Decreed Volume(s) (AF):	Absolute:	0.0000	Conditional:	0.0000	AP/EX:	0.0000

Water Rights -- Transactions

Case Number	Adjudication Date	Appropriation Date	Administration Number	Order Number	Priority Number	Decreed Amount	Adjudication Type	Uses	Action Comment
CA6512	1889-05-11	1884-05-15	12554.00000	1	90	1.0400 C	O,TT	1	DECREED 12/04/1970 TF RED MOUNTAIN DITCH
05CW0050	1889-05-11	1888-11-27	14211.00000	0	205	0.0620 C	O,TT	A	STORE CU FR 3.1 ACRES DRY UP IN ID 4375 OR 4376
05CW0050	1889-05-11	1888-11-27	14211.00000	0	205	0.0620 C	O,TF	1	
11CW0117	1889-05-11	1888-11-27	14211.00000	0	205	0.0570 C	O,TF	1	CHANGE USE FROM IRR
11CW0117	1889-05-11	1888-11-27	14211.00000	0	205	0.0570 C	O,TT	569AQ	WATER TO GRE II POND
90CW0078	1889-05-11	1888-11-27	14211.00000	0	205	0.9750 C	O,TF	1	CHANGE OF USE ONLY, DECREE DID NOT SPECIFY CFS
90CW0078	1889-05-11	1888-11-27	14211.00000	0	205	0.9750 C	O,TT	A	DRYUP OF 3.70 ACRES=5.07 AC-FT, AUGS SADDLE/ZIFF
90CW0322	1889-05-11	1888-11-27	14211.00000	0	205	3.5500 C	O,TT	1	TF RED MNT DITCH TO CONFORM TO HISTORIC USE
90CW0327	1889-05-11	1888-11-27	14211.00000	0	205	0.0910 C	O,TF	1	
90CW0327	1889-05-11	1888-11-27	14211.00000	0	205	0.0910 C	O,TT	A	11.93AFCU LOT 2(ASPCOL)/3.94 AFCU LOT 1(ABBOTT)
91CW0265	1889-05-11	1888-11-27	14211.00000	0	205	0 C	O	1	CONFIRMS 0.825 CFS/13.0 CFS IRR 23 ACRES ABV
CA2770	1889-05-11	1888-11-27	14211.00000	0	205	5.6100 C	O,TT	1	TRANS FROM RED MOUNTAIN DITCH
CA6512	1889-05-11	1888-11-27	14211.00000	0	205	3.8400 C	O,TT	1	DECREED 12/4/1970 TF RED MOUNTAIN
05CW0050	1920-04-24	1909-04-03	25618.21642	0	227B	0.0620 C	S,TF	1	
05CW0050	1920-04-24	1909-04-03	25618.21642	0	227B	0.0620 C	S,TT	A	STORE CU FR 3.1 ACRES DRY UP IN ID 4375 OR 4376
90CW0327	1920-04-24	1909-04-03	25618.21642	0	227B	0.0850 C	S,TF	1	
90CW0327	1920-04-24	1909-04-03	25618.21642	0	227B	0.0850 C	S,TT	A	11.93AFCU LOT 2(ASPCOL)/3.94AFCU LOT 1(ABBOTT)
91CW0265	1920-04-24	1909-04-03	25618.21642	0	227B	0 C	S	1	CONFIRMS 0.765/5.59 CFS IRR 23 ACRES ABV DITCH
CA2770	1920-04-24	1909-04-03	25618.21642	0	227B	5.5900 C	S,TT	1	TRANS FROM RED MOUNTAIN DITCH
05CW0050	1936-08-25	1915-09-03	30941.23986	0	400	0.0620 C	S,TF	1	
05CW0050	1936-08-25	1915-09-03	30941.23986	0	400	0.0620 C	S,TT	A	STORE CU FR 3.1 ACRES DRY UP IN ID 4375 OR 4376
90CW0322	1936-08-25	1915-09-03	30941.23986	0	400	4.3100 C	S,TT	1	TF RED MNT DITCH TO CONFORM TO HISTORIC USE
90CW0327	1936-08-25	1915-09-03	30941.23986	0	400	0.0660 C	S,TT	A	11.93AFCU LOT 2(ASPCOL)/3.94AFCU LOT 1(ABBOTT)
90CW0327	1936-08-25	1915-09-03	30941.23986	0	400	0.0660 C	S,TF	1	
91CW0265	1936-08-25	1915-09-03	30941.23986	0	400	0 C	S	1	CONFIRMS 0.58/4.31 CFS IRR 23 ACRES ABV DITCH
90CW0078	1990-12-31	1990-06-11	51296.00000	0		1.2000 C	S,C	569QW	ZIFF ENL. PT OF DIV OFF OF RED MTN EXT DITCH SW
97CW0104	1990-12-31	1990-06-11	51296.00000	0		1.2000 C	S,CA	569QW	ZIFF ENL. PT OF DIV OFF OF RED MTN EXT DITCH SW
01CW0327	2004-12-31	2001-12-11	56247.55497	1		1.2000 C	S,C	569W	RED MTN. DITCH ZIFF SECOND ENLARGEMENT
10CW0092	2004-12-31	2001-12-11	56247.55497	1		1.2000 C	S,CA	56W	RED MTN. DITCH ZIFF 2ND ENLG STOCK ABAN BY APPLI
05CW0049	2004-12-31	2004-10-15	56536.00000	1		1.0000 C	S,C	56AQ	RED MTN.EXT DITCH-- RED BUTTE ENLG
13CW3107	2004-12-31	2004-10-15	56536.00000	1		1.0000 C	S,CA	56AQ	RED MTN.EXT DITCH-- RED BUTTE ENLG

Water Rights -- Net Amounts									Volume (Acre-Feet)		
Adjudication Date	Appropriation Date	Administration Number	Order Number	Priority/Case Number	Rate (CFS)				Absolute	Conditional	AP/EX
					Absolute	Conditional	AP/EX				
1889-05-11	1884-05-15	12554.00000	1	90	1.0400	0	0				
1889-05-11	1888-11-27	14211.00000	0	205	13.0000	0	0				
1920-04-24	1909-04-03	25618.21642	0	227B	5.5900	0	0				
1936-08-25	1915-09-03	30941.23986	0	400	4.3100	0	0				
1990-12-31	1990-06-11	51296.00000	0	97CW0104	1.2000	0	0				
2004-12-31	2001-12-11	56247.55497	1	10CW0092	1.2000	0	0				
2004-12-31	2004-10-15	56536.00000	1	13CW3107	1.0000	0	0				

Irrigated Acres Summary -- Totals From Various Sources

GIS Total (Acres):	384.9829	Reported: 2015
Diversion Comments Total (Acres):	451	Reported: 2007
Structure Total (Acres):		Reported:

Irrigated Acres From GIS Data							
Year	Land Use	Acres Flood	Acres Furrow	Acres Sprinkler	Acres Drip	Acres Groundwater	Acres Total
1993	***Year Total***	69.82	0	393.41	0	0	463.23
1993	GRASS_PASTURE	69.82	0	393.41	0	0	463.23
2000	***Year Total***	11.10	0	357.42	0	0	368.52
2000	GRASS_PASTURE	11.10	0	357.42	0	0	368.52
2005	***Year Total***	11.36	0	359.95	0	0	371.31
2005	GRASS_PASTURE	11.36	0	359.95	0	0	371.31
2010	***Year Total***	11.10	0	288.39	0	0	299.49
2010	GRASS_PASTURE	11.10	0	288.39	0	0	299.49
2015	***Year Total***	20.92	0	364.06	0	0	384.98
2015	GRASS_PASTURE	20.92	0	364.06	0	0	384.98

Diversion Summary in Acre-Feet - Total Water Through Structure

Year	FDU	LDU	DWC	Maxq & Day	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Total
1963 *																	2618
1975	1975-05-20	1975-10-14	148	26 05-20	0	0	0	0	0	0	619	1547	1599	1599	298	139	5800
1976	1976-05-20	1976-10-30	164	25 05-20	0	0	0	0	0	0	595	1488	1537	1537	595	595	6347
1977	1977-05-15	1977-09-30	139	24 05-15	0	0	0	0	0	0	809	1428	1476	1031	595	0	5340
1978	1978-06-01	1978-10-31	153	12 06-01	0	0	0	0	0	0	0	714	738	738	714	738	3642
1979	1979-06-01	1979-10-31	153	25 06-01	0	0	0	0	0	0	0	1488	1537	1230	893	922	6070
1980	1980-06-01	1980-10-31	153	26 06-01	0	0	0	0	0	0	0	1547	1599	1599	595	615	5954
1981	1981-06-01	1981-09-29	121	20 06-01	0	0	0	0	0	0	0	1190	1230	615	575	0	3610
1982	1982-06-01	1982-09-28	120	15 06-01	0	0	0	0	0	0	0	893	922	922	833	0	3570
1983	1983-06-01	1983-10-31	153	15 06-01	0	0	0	0	0	0	0	893	922	922	893	922	4552
1984	1984-05-15	1984-10-31	170	15 05-15	0	0	0	0	0	0	506	893	922	922	893	922	5058
1985	1985-05-15	1985-10-31	170	15 05-15	0	0	0	0	0	0	506	893	922	775	553	572	4221
1986	1986-05-01	1986-10-15	168	20 05-01	0	0	0	0	0	0	1230	1190	917	349	618	330	4634
1987	1986-11-01	1987-10-31	365	16 07-10	60	61	61	56	61	60	343	737	897	799	547	61	3744
1988	1988-05-25	1988-10-31	160	12 05-25	0	0	0	0	0	0	167	714	738	738	714	61	3132
1989	1989-05-21	1989-10-30	163	16 08-29	0	0	0	0	0	0	159	506	523	548	589	60	2384
1990	1990-06-27	1990-10-31	127	17 06-27	0	0	0	0	0	0	0	131	1015	992	872	207	3216
1991	1991-06-02	1991-09-29	111	16 08-23	0	0	0	0	0	0	0	811	867	869	541	0	3089
1992	1992-05-12	1992-10-14	156	17 07-29	0	0	0	0	0	0	476	806	880	984	902	316	4363
1993	1993-05-24	1993-10-18	148	15 08-16	0	0	0	0	0	0	121	728	812	881	916	550	4008
1994	1994-05-10	1994-09-27	141	18 06-07	0	0	0	0	0	0	497	997	1093	764	546	0	3898
1995	1995-06-06	1995-10-24	141	12 07-25	0	0	0	0	0	0	0	395	552	762	738	590	3037
1995 *																	8
1996 *																	9
1996	1996-05-22	1996-10-09	141	14 06-26	0	0	0	0	0	0	123	758	796	726	545	157	3106
1997	1997-05-11	1997-10-18	161	14 06-15	0	0	0	0	0	0	229	581	830	782	744	221	3388
1997 *																	9
1998 *																	9
1998	1998-05-21	1998-10-03	136	16 07-25	0	0	0	0	0	0	174	625	774	954	753	74	3354
1999	1999-05-27	1999-09-30	127	17 06-19	0	0	0	0	0	0	148	941	944	849	791	0	3673
1999 *																	9
2000 *																	9
2000	2000-06-01	2000-10-30	152	9 06-01	0	0	0	0	0	0	0	536	553	553	536	536	2713
2004	2004-08-04	2004-09-30	58	11 08-04	0	0	0	0	0	0	0	0	0	403	365	0	768
2005	2005-04-28	2005-09-29	155	24 06-14	0	0	0	0	0	24	595	1325	1476	1113	1041	0	5574
2006	2006-05-18	2006-10-31	167	17 06-28	0	0	0	0	0	0	399	966	1021	1021	988	1021	5416
2007	2007-05-18	2007-10-07	143	15 08-31	0	0	0	0	0	0	174	373	554	775	879	157	2910
2008	2008-06-24	2008-10-08	107	20 06-24	0	0	0	0	0	0	0	276	1224	1224	704	135	3563
2009	2009-05-02	2009-10-22	174	24 06-17	0	0	0	0	0	0	672	1024	1005	981	582	245	4509
2010	2010-05-25	2010-10-31	160	24 05-25	0	0	0	0	0	0	339	1313	1045	850	545	326	4417
2011	2011-06-01	2011-09-16	131	14 08-18	0	0	0	0	0	0	0	491	507	656	723	191	2568
2012	2012-05-08	2012-09-18	176	18 07-16	0	0	0	0	0	0	871	1079	1093	586	435	503	4567
2012 *																	4
2013	2013-06-18	2013-09-18	117	19 07-30	0	0	0	0	0	0	0	449	1077	1160	821	228	3734
2014	2014-06-18	2014-10-10	134	15 07-14	0	0	0	0	0	0	0	356	848	655	534	456	2848
2015	2015-05-05	2015-09-23	164	13 07-06	0	0	0	0	0	0	471	515	754	798	695	241	3473
2015 *																	4
2016	2016-06-10	2016-10-02	127	15 06-10	0	0	0	0	0	0	0	625	771	893	865	183	3338

<i>Minimum:</i>	9	0	0	0	0	0	0	0	0	0	349	298	0	4
<i>Maximum:</i>	26	60	61	61	56	61	60	1230	1547	1599	1599	1041	1021	6347
<i>Average:</i>	17	2	2	2	1	2	2	262	826	948	886	691	315	3256

48.00 years with diversion records

Notes: The average considers all years with diversion records, even if no water is diverted.
The above summary lists total monthly diversions.
* = Infrequent Diversion Record. All other values are derived from daily records.
Average values include infrequent data if infrequent data are the only data for the year.

Diversion Comments

IYR	NUC Code	Acres Irrigated	Comment
1963		950	
1975		1350	
1976		1350	
1977		1350	
1978		1350	
1979		1350	
1980		1350	
1981		1350	
1982		1350	
1983		1350	
1984		1350	
1985		1350	
1986		1350	
1987		1350	MOST OF THE DATA IS USER SUPPLIED
1988		1350	
1989		1350	
1990		1350	FULL DECREED AMOUNT TO STRUCTURE NOT YET TRANSFERRED
1991		1350	
1992		1350	
1993		1350	
1994		1350	
1995		1350	ALSO FILLS SADDLE AND ZIFF PONDS
1996		1350	ALSO FILLS SADDLE AND ZIFF PONDS
1997		401	ALSO FILLS SADDLE AND ZIFF PONDS
1998		401	ALSO FILLS SADDLE AND ZIFF PONDS
1999		401	ALSO FILLS SADDLE AND ZIFF PONDS
2000		401	FLUME REMOVED ON 9/8/00 FOR ROAD CONSTRUCTION. AMOUNTS ESTIMATED.ALSO FILLS SADDLE AND ZIFF
2001	No information available	401	FLUME REMOVED ON 9/8/00 FOR ROAD CONSTRUCTION. ALSO FILLS SADDLE AND ZIFF PONDS
2002	Water taken but no data available	401	FLUME REMOVED ON 9/8/00 FOR ROAD CONSTRUCTION. ALSO FILLS SADDLE AND ZIFF PONDS
2003	Water taken but no data available	401	FLUME REMOVED ON 9/8/00 FOR ROAD CONSTRUCTION. ALSO FILLS SADDLE AND ZIFF PONDS
2004		401	
2006		451	FLUME RUNS FAST, PLUS 0.6 SHIFT INCLUDED
2007		451	FLUME RUNS FAST, PLUS 0.6 SHIFT INCLUDED
2015			WATER TO WEXNER POND FOR IRR

Note: Diversion comments and reservoir comments may be shown for a structure, if both are available.