

**Cold springs creek log  
2012**

**March 26, 2012-** Toured the Charter Mountain irrigation system with John McCallum, checked the Half moon diversion and visited with the Double Anchor Ranch. Nobody is in to irrigating yet.

**April 3, 2012-** Checked Wilson's diversion at Hammett, nothing happening there. Julio hasn't cleaned the ditch out yet. I Visited with Chuck and Jessie Shenk at the Mule Shoe. Chuck said he may catch a little creek water if it was coming over the rim. I Checked in with Sam and Lee Blackwell. They hope to catch enough water to irrigate once, but hadn't cleaned the ditch out yet. I Checked the Double Anchor diversion. Everything looks good but not used yet.

**April 12, 2012-** Checked the Half Moon diversion. Water is diverted through the screen and into the main line. The weir is completely under water. There is still lots of water in the creek. I Checked the Double Anchor Weir. It has 4.6 CFS (230 inches) being used for flooding the pastures. I checked the Charter Mountain system. There were two pivots running. The digital flow meter in the mainline was turned off or not working (blank). Plenty of water in the creek.

**April 18, 2012-** Wilson still not irrigating. Called Julio Sabala and he said probably right after the first of May. The half Moon Ranch is irrigating. The water is diverted through a screen and directly into their mainline. The weir in between is barely visible. I called Juan and he said there are 11 ½ lines running. Figuring 32 joints of pipe per line I calculated they are using 2.42 CFS or 121 miner inchs. The Ark property digital meter read a steady 481 GPM or just over 1 CFS or 53 miner inches. At the Ark diversion besides running water into their mainline there is a ditch running to the East and also to the West and no visible means of measuring or beneficial use of this water. The Double Anchor Ranch isn't using the weir on the ranch proper but are running 7.44 CFS or 372 miner inches through their mainline to flood the pastures. The Annabeth Bean weir was running .644 CFS or 32 miner inches. Charter Mountain mainline digital meter was still blank. I called John and was told that a transformer had blown and would be fixed by next week. He said the mainline is running 3300 GPM or 7.35 CFS or 368 miner inches. I told him the two laterals at the Ark diversion needed shut off.

**April 25, 2012-** After heavy rains the past couple of days everyone has shut down their irrigation systems. Charter Mountain Ranches magnetic flow meter is still not working. Cold Springs Creek has lots of water.

**May 3, 2012-** Wilson still hasn't cleaned the ditch. Mule Shoe Ranch isn't using Cold Springs Creek water. Half Moon Ranch's Cipoletti weir is now useable. They are using 3.5 CFS which is ok with the present amount of water in the creek. The Ark digital meter read 451 GPM or right at 1 CFS. The two laterals at the Ark diversion are still running. They both had weirs at one time but the one to the East

is washed out, the one to the West is destroyed. The lateral to the West allowed the Wind Turban people to divert the creek and put in a bridge. The Charter Mountain Ranch is using 2910 GPM or 6.5 CFS. Double Anchor Ranch is diverting 4.1 CFS at the upper diversion. The weir on the ranch proper is running at 0.2 CFS. The Anna Bean lateral that exits off the Double Anchor ditch is running 0.8 CFS.

May 4, 2012, I mailed a letter to all active water users that they must be in compliance with all Cold Springs Creek and IDWR requirements by May 15, 2012. Copies of requirements were sent with the letter.

May 9, 2012- Julio Sabala called to say he had started Wilson's water in Hammett.

May 10, 2012- Wilson is running 1.8 CFS in Hammett. Mule Shoe isn't using Cold Springs Creek water.. Half Moon is running 3.5 CFS. Barber-Caven won't be running any water due to the use of a generator and the price of diesel. The Ark property flow meter reads 0 and the valve is shut. At the diversion the two noncompliant laterals have been sand-bagged off. The Double anchor is still at 0.2 CFS on the ranch proper. Their upper diversion is at 6.1 CFS. The A. Bean weir is reading 0.836. Charter Mountain digital flow meter shows 5.7 CFS. As of today, all water users are now compliant as requested in my May 4 mailing. The creek is still running water over the Wilson diversion.

May 17, 2012- The Half Moon Ranch is using 1.25 CFS and there is no water (slight leakage) over the diversion. Juan has one pump out of action but won't have enough water to use it when it comes back. No water is going over the Ark weir and none is being used. Very little water is going over the Charter Mountain weir and they are using 6 CFS. The Double Anchor Ranch is using 4.4 CFS at their upper diversion with very little going over the weir. The D M Bean ditch was running 0.64 CFS. The Double Anchor has no water available at the weir on the ranch proper. Since the Bean gate and weir comes off the Double Anchor ditch I told Harly to shut the Bean ditch off. Since the Wilson Diversion is at the end of the ditch, I told Julio to go ahead and use what ever water he could get. Sam and Lee Blackwell are getting ready to move up on the Bennett Mountain.

May 23, 2012- Cold Springs Creek water is no longer in need of monitoring. Charter Mountain is using 5 CFS. This is just over their 1870 early water decree. There is very little water passing their upper diversion. The double Anchor is able to pick up 2.75 CFS at their upper weir and their lower weir is dry. This is just over their 1872/1873 early decree. The Ark diversion doesn't have enough water to be utilized. The Half Moon Ranch is picking up 0.7 CFS and below here the creek is dry.