**Antelope Guzzler Report**
**Hatch Guzzlers Maintenance Report 2012**

***Summary of Maintenance and Repair Needs***

***Needles: All good - New system 2010***
***Eight-mile Rock:*** *stabilize collection system*
***Sage Grouse: - All good - System overhauled (2011)***
***Over the Hill: Decommission***
***Over the Hill II: All good***
***Lost-Over the Hill III-Off line, not repairable-Remove/Replace***
***Hatch Point: All good - System overhauled (2010)***
***Trough Flats:*** *Remove or lock drain*
***Trout Water: All good - System overhauled (2011)***
***No Soup Rock: On-line*** *Needs aluminum drinker replaced*
***New Hatch Looking Glass: All good (new 2008)***
***Old Looking Glass****: Off-line-Relocate*

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**No Soup Rock-UDWR**

**2012 –** System was turned on in the spring and turned back off in the fall when the cows returned to the range. Sediment box was pumped out, cleaned and inspected. Storage tank has water and system is in good shape. Aluminum drinker has been damaged by cows and will soon fail, needs replaced.

***2011*** *–Shut-off valve was malfunctioned, a new valve was installed.* ***2010****- New gutter system and drip edges was installed, catchment repaired, brush. Storage tank has water. 2009-* ***Storage tank has water.***

**Looking Glass (old)**

**2012 –** System was turned on in the spring and turned back off in the fall when the cows returned to the range. Sediment box was pumped out, cleaned and inspected. Storage tank has water and system is in good shape.

***2011 –*** *New drinker installed, system on-line****2009, 2010-****System off-line, drinker was removed and installed at the Sage-grouse guzzler site. System offline-New system installed nearby in fall 2008*

*Drinker*

*Old pump house, cow tank & nearby storage tank*

**New Hatch Looking Glass (Installed 2008 DWR funding)**

**2012 –** System was turned on in the spring and turned back off in the fall when the cows returned to the range. Sediment box was pumped out, cleaned and inspected. Storage tank has water and system is in good shape.

***2011, 2010, 2009-*** *Storage tank has water and in good working order*

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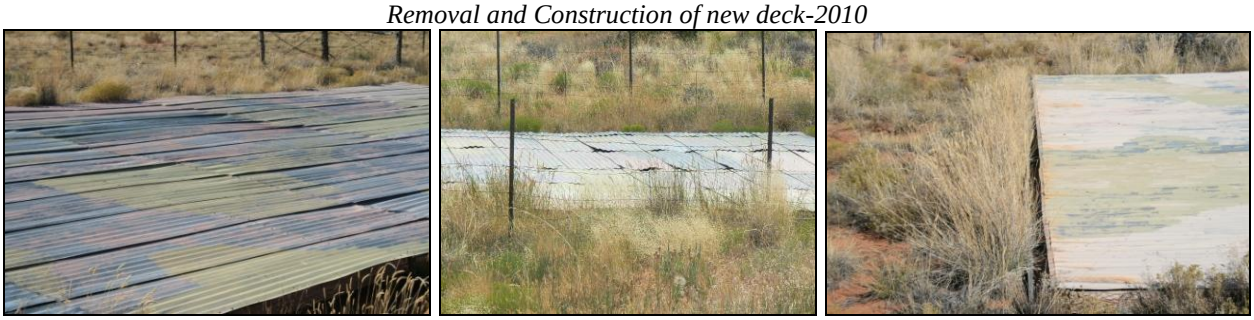
## Hatch Point

**2012** – System was turned on in the spring and turned back off in the fall when the cows returned to the range. Sediment box was pumped out, cleaned and inspected. Storage tank has water and system is in good shape.

*Removal and Construction of new deck-2010*



*Old Deck-2009*

***2011-*** *Inspected in the spring, in working order, water turned on and turned off in the fall before the cattle came on.*
***2010****- Drinker, valves & catchment replaced. New plumbing and values were installed and system is back on line. New drinker and new valve box have been installed. New 42' X 24' catchment surface and base installed and gutter repaired. Storage tank has water.*

## Trough Flats

**2012** – System was turned on in the spring and turned back off in the fall when the cows returned to the range. Storage tank has water and system is in good shape. Still have permittee problems

***2010, 2011-*** *Inspected in the spring, in working order, water turned on. Storage tank has water. Turned off in the fall before cattle came on.****2009-*** *Permittees have a habit of draining it, though there was an agreement to leave all stock water in the tank for antelope use during the summer. We need to disable or lock the drain outlet. This appears to have also happened in 2008.*

**Trout Water UDWR**

**2012** – System was turned on in the spring and turned back off in the fall when the cows returned to the range. Sediment box was pumped out, cleaned and inspected. Storage tank has water and system is in good shape.

***2011 – System overhauled -*** *Storage tank full. Catchment deck repaired, plumbing repaired.* ***2010-*** *Storage tank has water. DWR turned off in the fall before cattle came on.*

**……..**

**Needles**

**2012** – System was turned on in the spring and turned back off in the fall when the cows returned to the range. Storage tank has water and system is in good shape.

***2011 –*** *New Boss tank has plenty of water and new system is working great.****2010-*** *Saucer catchment system removed & installed at Little Canyon desert bighorn sheep guzzler. Stone Energy, Don Hamilton, Environmental Consultant for Stone Energy and Charley Harrison with Harrison Oil Field Services help us install a 1,700 gallon Boss wildlife guzzler A drinker was plumbed in, the tank was fenced and the disturbed area heavily seeded. Heavy rainstorms the following week put the system on-line again.*

*Removed Saucer System*

**Eight-mile Rock**

**2012** –Both old drinkers were removed because they were leaking. One line was decommissioned and the other had a new drinker installed. System was then turned on and turned back off in the fall when the cows returned to the range. Storage tank has water and system is in good shape.

***2010, 2011-*** *System work and tank has water one of the two drinker on-line but are poor condition & leaking*
***2009-*** *Inspected in the spring & fall, in working order. ATV damaged noted in spring, area was cleaned up and all roads but one were restored.*

**2012** – System was turned on in the spring and turned back off in the fall when the cows returned to the range. Storage tank has water and system is perfect condition.

***2011 - Moab Eagle Scout Project – Guzzler Totally Overhauled***
*A local Eagle Scout group removed all the old sheet metal, rotten wood, buried posts and pack rat nests, broke the old, leaky drinker from its cement housing, dug up the valve box, tore down the old fence and removed the overgrown sage brush and rabbit brush from inside the fence. They then re-designed and installed a new catchment surface and installed a new drinker, lockable valve box and new fence and cleaned out the sediment box. Kevin provided needed oversight.*

*Old, leaky system*

*Refurbishment*

*New System*

***2010-****Refurbished drinker installed & system is back on-line. Still needs catchment re-furbished.* ***2009-****Offline-drinker has bullet holes in it and someone turned it on and drained the tank. Catchment surface and frame in very poor condition.*

**Over the Hill-UDWR**

**2012 –**Planned to decommission and removes when funding becomes available, as the Over the Hill Guzzler II is less than a mile away and in good working order. This location is in tall sagebrush making predation on fawns a problem.

***2011, 2010-****System functional-Deck needs over haul and a drinking system in planned to be installed.*

**Over the Hill II**

**2012** – System was turned on in the spring and turned back off in the fall when the cows returned to the range. Sediment tank pumped out, cleaned and inspected. Storage tank has water and system is in good shape.

*Old Drinker* *New Drinker*

***2011-*** *Storage tank has water. Drinker replaced..* ***2010-*** *Storage tank has water. Brush cleared from around system.*

**Lost Guzzler – Another Over the Hill (III)**
**2012 – Not inspected**
**2011 -** In the fall of 2010, Guy Wallace, DWR Biologist in the Monticello area mentioned there was another guzzler that had been installed many years ago that he had forgotten about and had not been to in quite some time. Unfortunately, the storage reservoir does not hold water anymore and the catchment surface in in very poor condition, therefore restoration is not an option. The

system will be removed and if appropriate and funding is available, a new system may be installed.

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