

Nevada Division of Water Resources Memorandum

Date: June 28, 2018

To: Diamond Valley Adjudication Files

From: Tony Eng, Water Resource Specialist

RE: V-04499, Milk Ranch Spring, Bliss Stock Claim; R-04247, BLM, Eureka County, NV

Inspection Date(s)
5/15-16/2017

Flow Measurement	Method	Quality
≤0.1 gpm; very slow trickle, but see below; BLM measured 0.078 gpm on 4/12/2016	visual	good

Lat of site	Long of site
39.48185	115.93912

Remarks/Justification

Various old pipelines & sheep trough; spring mapped on all topos, but current actual water source may be a buried pipeline & spring brook from V09768, ~600 yards to ENE; see photos.

Just above road. Photos #022-034; #119-124
Milk Ranch Spring V04499 (S+K) +
R04247. Area appears to have been
a former small pond or reservoir
now green weed/grass pasture over
~1-2 acres. 1 older 1 1/2-2 ft x
~25 ft galvanized stock tank, no
larger in use & few # of bullet holes
fair amount of older rusty steel
pipes, mostly ≤ 1 1/2-2". Mapped
spring has very minor flow (≤ 1/4 gpm)
w/ fr. small shallow "puddles" adjacent
to ~15x15 ft. old steel container
now partially filled w/ garbage/trash
& many bullet holes. Would doubt
there is little use by stock based
on flow & works being in disrepair.

R04247 plots ~40-50m to WSW of
above minor spring, & would appear
to be just an area of probable
standing water in early spring/late
winter, now greener weeds/grass;
does not look like a separate
spring source. Topo maps former
railroad grade to south of spring, &
there is a ~10 ft. high earthen em-
bankment ± 75m long which may
have also served as a dam. Minor
flowing spring brook (2±3 gpm)
several hundred m to ENE above small
& abandoned stock tank. Water there likely
originates from V09768, ~1/4-1/3 mile up gully.
PM camping out just to E of "Milk Ranch Spring"
named on topo.
Follow-up
Note: V04499 claimed spring may actually
be discharge point for several ± abandoned
stock pipelines from V09768 or its spring brook
& not an actual separate source.

V-04499, Milk Ranch Spring, Bliss Stock; R04247, BLM



Upper Photo: overview of Milk Ranch Spring area, looking SW with Prospect Peak in far distance; there is a sub-irrigated ~1 acre area in center of photo which was the location of the historic Milk Ranch (dairy cows); the embankment to right is an old railroad grade which helps contain runoff in a $\frac{1}{2}$ acre depression; sheep trough is located to right of brown object. Lower Photo: same area looking NE; the actual source of the current minimal water is likely pipelines and springbrook from the spring filed under V09768, ~ $\frac{1}{2}$ mile to the NE and up drainage, although most maps do place a spring at this location.

V-04499, Milk Ranch Spring, Bliss Stock; R04247, BLM



Upper Photo: various pipelines associated with Milk Ranch and sheep trough, looking NW; there is a very slow trickle of water ≤ 0.1 gpm) from one of the pipelines, most of which may be derived from a buried pipeline extending NE up the drainage; the brown metal object was likely used for storing water before being riddled with bullet holes; Lower Photo: close-up of pipeline discharge area, with railroad embankment in middle distance, looking WNW.