

Nevada Division of Water Resources Memorandum

Date: June 28, 2018

To: Diamond Valley Adjudication Files

From: Tony Eng, Water Resource Specialist

RE: Spanish Gulch Spring, Stock: V09759, Baumann; V04500, Bliss; V01423, Goicoechea; R04246, BLM, Eureka County, NV

Inspection

Date(s)

5/16/2017

Flow Measurement

2.8 gpm, 48oz/8"; BLM measured 12.5 gpm on 4/12/2016

Method

B&S, direct

Quality

excellent

Lat of

FM site

39.49236

Long of

FM site

115.90824

Remarks/Justification

Fenced spring pool, ~10' by 3', & 4-6" deep, fed by 3" diameter distinct, bubbling point discharge at south end; drains northward into shallow 50 ft diameter stock pond; abandoned, old sheep trough below.

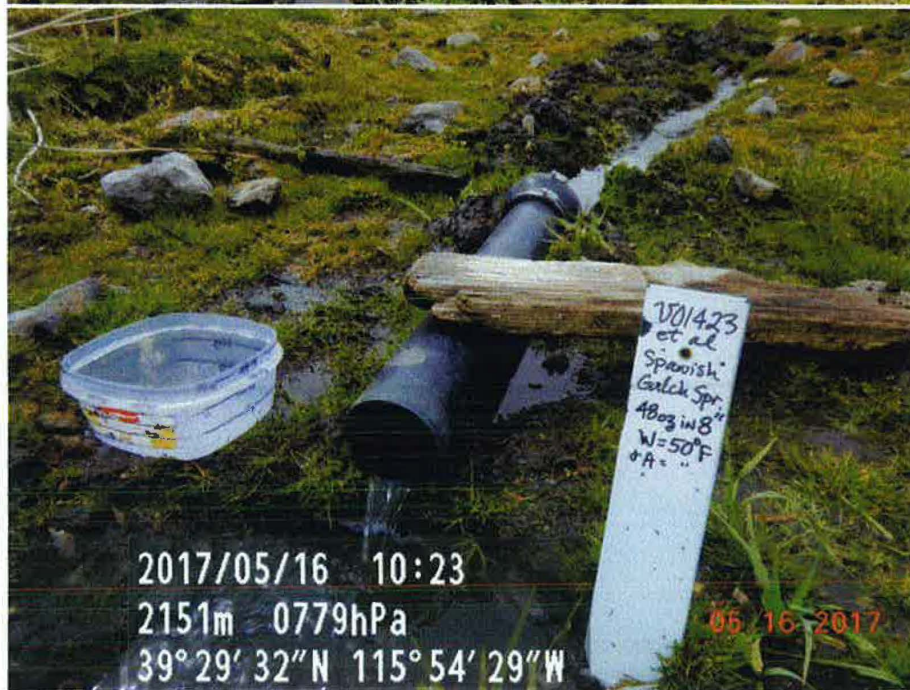
V01423, V04500, V09759, R04246; Photos #045-067
Gulch Spring in NE 1/4 Sec. 29 (note: need ATV to access). Dug-out channel a bit from just below spring source, & just above ~50 ft. diameter ^{shallow} stock pond. V01423 fm, measured 48oz in 8"; water 50°F, air 48°F; 360 oz/min or 2.81 gpm (excellent). N 39.49236°/W 115.90824°, El. —; spring source at 39.49236°/115.90824°, ~25m to SSE of fm site, & ~10m NNW of Garmin topo. location. Spring is ^{well} fenced, & distinct ~3" diameter flowing & bubbling ^{new} discharge point, just above ~3m x 1m x ~4-6" deep sand, silt & fine gravel spring pool; could maybe also measure there but probably other minor ^{adjacent} flow. Stock pond has ~25±30 ft. ^{~diameter} of standing water; ~6"-±12" deep w/ no flow from. GPX position of V01423 in field is just below stock pond & in of older ~28ft x ~20ft. galvanized stock trough, un-maintained, ^{abandoned} no longer fed by spring. All other claimed PODs are undoubtedly filed as this single spring source

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Upper Photo: Overview of Spanish Gulch Spring area, looking NW with fenced spring source next to ATV, draining northward into ~50 ft diameter shallow stock pond; Lower Photo: Close-up of spring source, looking north.

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Upper Photo: Spanish Gulch Spring flow measurement site, looking south, with fenced spring source to left of ATV; Lower Photo: close-up of site with measured flow of 2.8 gpm (excellent).