

MEMO

To: 45-14178 Moo View Cow Palace

From: Sandy Hemenway

Date: 7/21/2011

REF: Review for Licensing

A **Permit was approved on 7/23/2009** for new appropriation to divert 0.08 cfs from Woodbury Spring into a 1 1/2 - 2 mile pipeline for an existing domestic use for 1 home and an existing stockwater use for 600 range cattle. Location of diversions is approximately one mile south and four miles west of Albion.

Proof was received on 7/28/2010, receipt S031557 (due on or before 8/1/2010). There is a letter dated 7/23/2009, in the file from **Cindy Yenter/Water Master approving the permit.**

2/3/2010 Updated Tax Lot Information shows POU **ownership** by MVCP LLC. Idaho Secretary of State shows Moo View Cow Palace 474 E 550 S, Burley, ID 83318, with the current registered agent as: Cloyd R Searle 474 E 550 S, Burley, ID 83318, since April 2006.

There is a 50-year **Right-of-Way BLM grant** I-3983, signed on 8/30/1972. The permitted use by the Grantee is: pipeline.

The system consists of 5-springs in section 9, 1-spring in section 4, through buried pipe to a junction pipe, then buried 2 inch PVC piped north to a stockwater trough, then continuing north to a 1000 gallon storage tank. At the storage tank, the buried line splits; one split continues north to 2 stockwater troughs, and the other split goes west, and then splits again. One split going to the south to the shop/outside spigot, and barn/stable/outside spigot. The other split continues west to the 1-house, then goes north to the potato cellar.

POU Overlap consists of: 45-690 (irrigation/stockwater, Dayley Creek), 45-691 (irrigation/stockwater, White Creek), 45-14182 (stockwater, Antelope Springs), 45-7004 (irrigation, groundwater), 45-2146 (irrigation, Marsh Creek), 45-13904 (irrigation, groundwater). **POD Overlap:** None.

Special Administration Area Notes

Eastern Snake River Plain Area (Moratorium Area) and Trust Water Area

Exempt: Y

Reason: D&S

The **Amendment for Licensing** corrected the POD location, and included all 6 springs being identified individually. Included the POU for all the locations for the stockwater troughs.

CFS

This water right is for increased pressure, and no volume, so we do not have to deal with the RAFN issues (per management).

Pipe Capacity of a 2-inch pipe:

$$R = (2/12)/2$$

$$Q = 5 (3.1416)R\text{-squared} = 0.11 \text{ cfs}$$

Domestic, 1 home, internal/external use (limit 1/2 acre irrigation) = 0.04 cfs

Stockwater 501-600 = 0.09 cfs, Permit is for 0.04 cfs

Recommend Total Diversion Rate: 0.08 cfs

Volume

Domestic (internal/external) = 1.2 af

Stockwater: (600 head X 12 X 365)/325,850 = 8.1 af

Recommend Total Annual Volume: 9.3 af