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September 7, 1978

MEMORANDUM

TO: George Berry

FROM: Duncan Foley

SUBJECT: Additional Springs in Montana

The following springs have been compiled by John Sonderegger, and to my knowledge are not contained on your original spring list:

<u>Spring</u>	<u>Location</u>	<u>Temperature (°C)</u>
Andersons Pasture	44.7025-111.8883	28
Apex	45.4200-112.6917	25
Avon	45.6103-112.5547	25
Bearmouth Warm Springs #1	46.7178-113.3203	20
Bearmouth Warm Springs #2	46.7181-113.3056	20
Beaverhead Rock	45.3897-112.4511	27
Bedford	46.3544-111.5650	23
Deer Lodge Prison #4	46.3342-112.8864	26
Durfee Creek #2	46.7925-108.8753	21
Ennis	45.3672-111.7475	83
Granite	46.7303-114.5342	50
Green	47.4514-114.6478	26
Landusky #1	47.8764-108.6561	21
Landusky Plunge	47.8428-108.5981	24
Little Warm Springs #2,3	47.9703-108.3969	22
Lodgepole	47.9933-108.4450	26
McMenomey Ranch	45.0286-114.8455	20
Medicine	45.8464-114.0350	45
Nimrod	46.7056-113.4572	19
Renova	45.7917-112.1264	50
Sloan Cow Camp	44.7689-111.6486	30
Staudenmeyer Ranch	44.7008-111.8781	28
Trudau	45.2364-112.1344	23
Vigilante	45.0378-111.9522	23

In addition to these springs, John has identified the following artesian wells, if you care to include such data in your compilation:

<u>Well</u>	<u>Location</u>	<u>Temperature</u>
Campaqua Well	46.6386-114.5744	51
Lucas Flowing Well	46.3583-110.6781	42
Ringling Well	46.3394-110.7864	48
Symes Hot Springs (developed well)	47.6164-114.6764	46

The springs you have identified as "Big Warm Springs", John calls "Lodgepole". The springs listed as "warm springs area", with coordinates of 45.111-112.713, are probably "Lovells Hot Spring", with coordinates of 45.1108-112.7142. The springs listed as "hot spring" (45.695-114.379) and "hot springs" (45.695-114.359) John calls "Blue Joint #1" and "Blue Joint #2" respectively. The unlabeled spring at 47.631-114.789 is called Quinns. The springs you call "Medicine Springs" (47.631-112.858) are probably the same as those John calls "Sun River Springs" (47.6319-112.8547). The unlabeled springs at 46.606-112.777 are probably Garrison Springs (46.6089-112.7747), the unlabeled spring at 45.603-111.900 is probably one of the Potosi Hot Springs, and the unlabeled spring at 47.221-109.474 plots where Bergantino's "Preliminary Map of Thermal Springs of Montana" shows "Brooks Hot Springs".

The spring you indicate at 44.798-111.145, near Hegben Lake, I believe is the site that John Sonderegger calls "Soldier's Rest". This site, according to John, has been inactive for at least 20 years, has no spring deposits, and no evidence for it could be located in the field. John therefore suggests that this site be deleted from your compilation.

If you have any questions about these changes in the "Berry Spring List", please do not hesitate to call me.



Duncan Foley

DF/smk

cc: P. M. Wright
J. Sonderegger