

Walker, Kay

From: Carlsen, Ernie
Sent: Wednesday, July 21, 2004 9:30 AM
To: Walker, Kay
Subject: Thousand Springs Trout Farm

Importance: High

Kay, inserted is an affidavit by Jack Kelley, engineer, testifying that he measured 130 cfs flowing from these springs covered by 27-04001A, and permits 27-07013 and 27-07020. Harold is in my office and we would like to speak with you about this matter.



0001 (4).PDF

Ernie

Exhibit C

AFFIDAVIT

STATE OF IDAHO)
 : SS
COUNTY OF ADA)

Jack E. Kelly, being first duly sworn on his oath, deposes
and says:

I am a registered professional engineer residing in Boise,
Idaho. I am a partner in the consulting engineering firm
of Anderson & Kelly which specializes in water resource
work.

I have personally visited a series of springs known as Indian
Springs located just west of Perry Butte (Gibson Butte)
and just east of the Snake River below its confluence with
the Blackfoot River in Bingham County, Idaho. On April
16, 1970 I observed the use of water on that date and measured
the flow of the water with a flow meter. The water being
used was in constructed channels that the owner refers to
as run and identifies with a letter designation. In run
A I measured 15.75 cfs, run B 9.23 cfs, runs C & D combined
14.23 cfs, and run F, 1.89 cfs, making a total of 41.10 cfs in
used on that date.

On April 16, 1970 I measured a total of about 130 cfs of
water from spring arising on the property. Old check dams
and fish screen lead me to believe that much of this water
had been used in the past. The flow of the springs are
expected to vary from season to season and from year to
year. Therefore, I intended to make additional measurement
to better document the flows. The management of the dike
impounding the water in the large spring area north of Run

A is also a factor affecting the total flow of the springs. The practice is to back water up over the spring area in order to gain additional head for the water released into the runs. By raising and lowering the head on the spring area itself the flow from the spring area would be reduced or increased. The measurements made on April 16, 1970 indicate the flow rate with the head on top of the spring that they were using to operate on that given date.

Jack E. Kelly
JACK E. KELLY

Subscribed and sworn to before me this 29th day of June, 1970.

Jack Arnold Barnett
Notary Public residing in Boise, Idaho

MY Commission expires

Jan 21, 1974

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