

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 93-7061

Exam Date: 5/8/2008

1. Current Owner: DAVE DUNCAN
11200 W CHATELOTE RD
WORLEY ID 83876
(208)686-1951
2. Accompanied by: OWNER
Phone No: SAME AS ABOVE
Address: SAME AS ABOVE
Relationship to Permit Holder: SELF

3. SOURCE

SPRING

TRIBUTARY

SINKS

B. OVERLAP REVIEW

1. Other water rights with the same place of use: NONE
2. Other water rights with the same point of diversion: NONE

C. DIVERSION AND DELIVERY SYSTEM

1. LOCATION OF POINT(S) OF DIVERSION:

SPRING SW¼NW¼ Sec. 28, Twp 47N, Rge 05W, B.M. KOOTENAI County

Method of Determination:

Digital

2.

PLACE OF USE: RECREATION STORAGE

[illegible]

Method of Determination: *Digital*

3. ☒ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
- ☒ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- ☒ Aerial Photo Attached (required for irrigation of 10+ acres).
- ☒ Photo of Diversion and System Attached

4.

<u>Well or Diversion ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge Size</u>

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

<u>Measurement Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>

2. Measurements:

*N/A***E. FLOW CALCULATIONS**

Measured Method:

N/A

____ Additional Computation Sheets Attached

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$$

2. Volume Calculations for Other Uses:

$$.5 \times 8 = 4 \text{ AF}$$

$$\text{Evaporation } 4209 \times 275 = \frac{1,157,475}{325850} = 3.6 \text{ AF}$$

$$\begin{array}{r} 4 \\ + 3.6 \\ \hline 7.6 \text{ AF} \end{array}$$

G. NARRATIVE/REMARKS/COMMENTS

THIS POND WAS BUILT BY EXCAVATING A WET SPOT AND IT FILLED WITH WATER. THERE IS AN OVER FLOW IN THE EARTH DAM. THE POND HAS A SURFACE AREA OF .5 ACRE AND A DEPTH OF 8 FT.

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
RECREATION STORAGE	01/01 to 12/31		7.60 AF
<u>Totals:</u>			7.60 AF

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

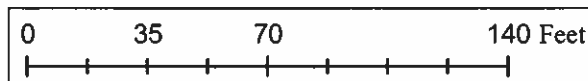
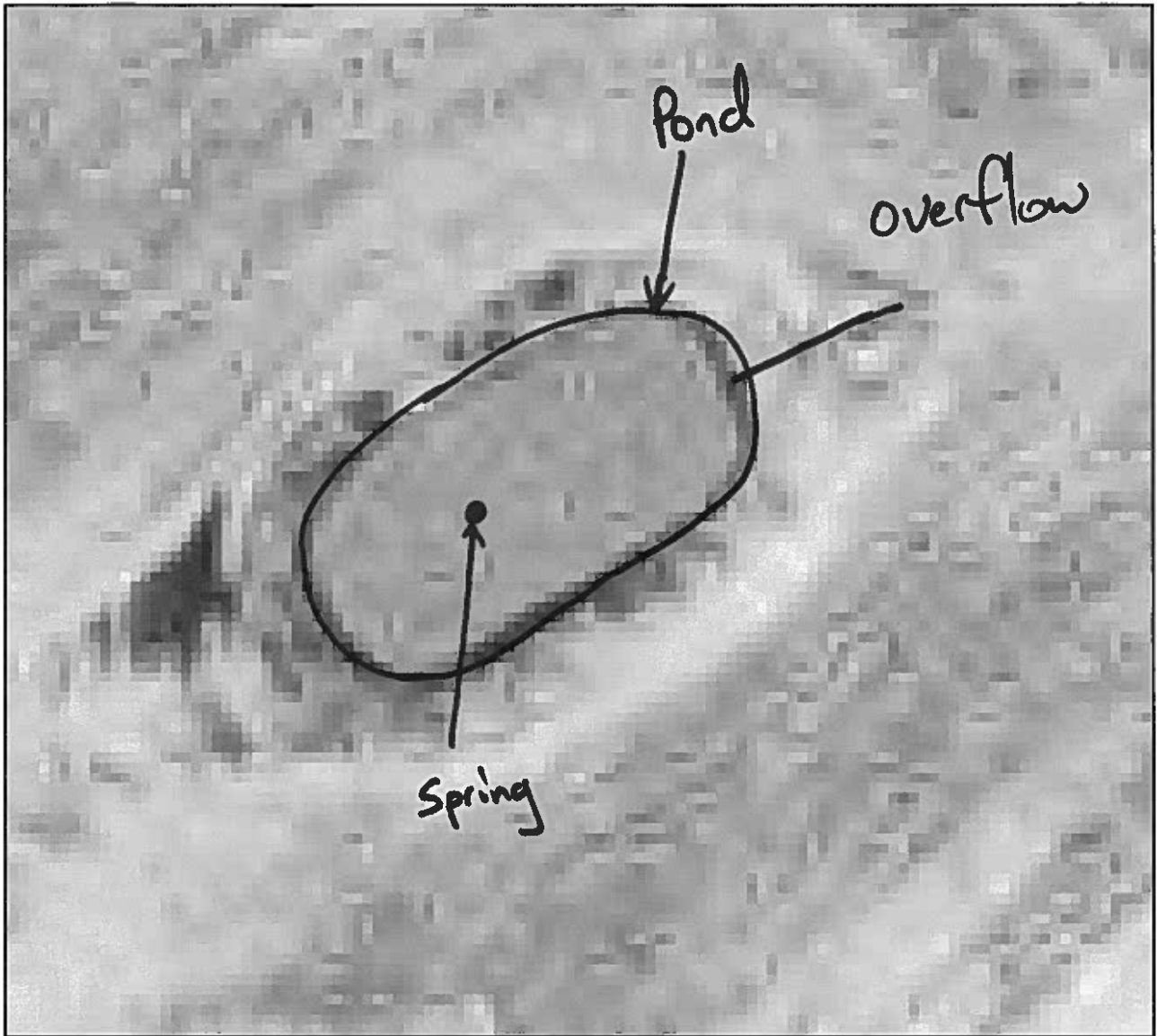
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

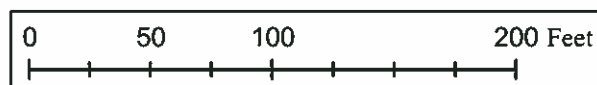
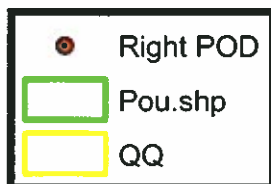
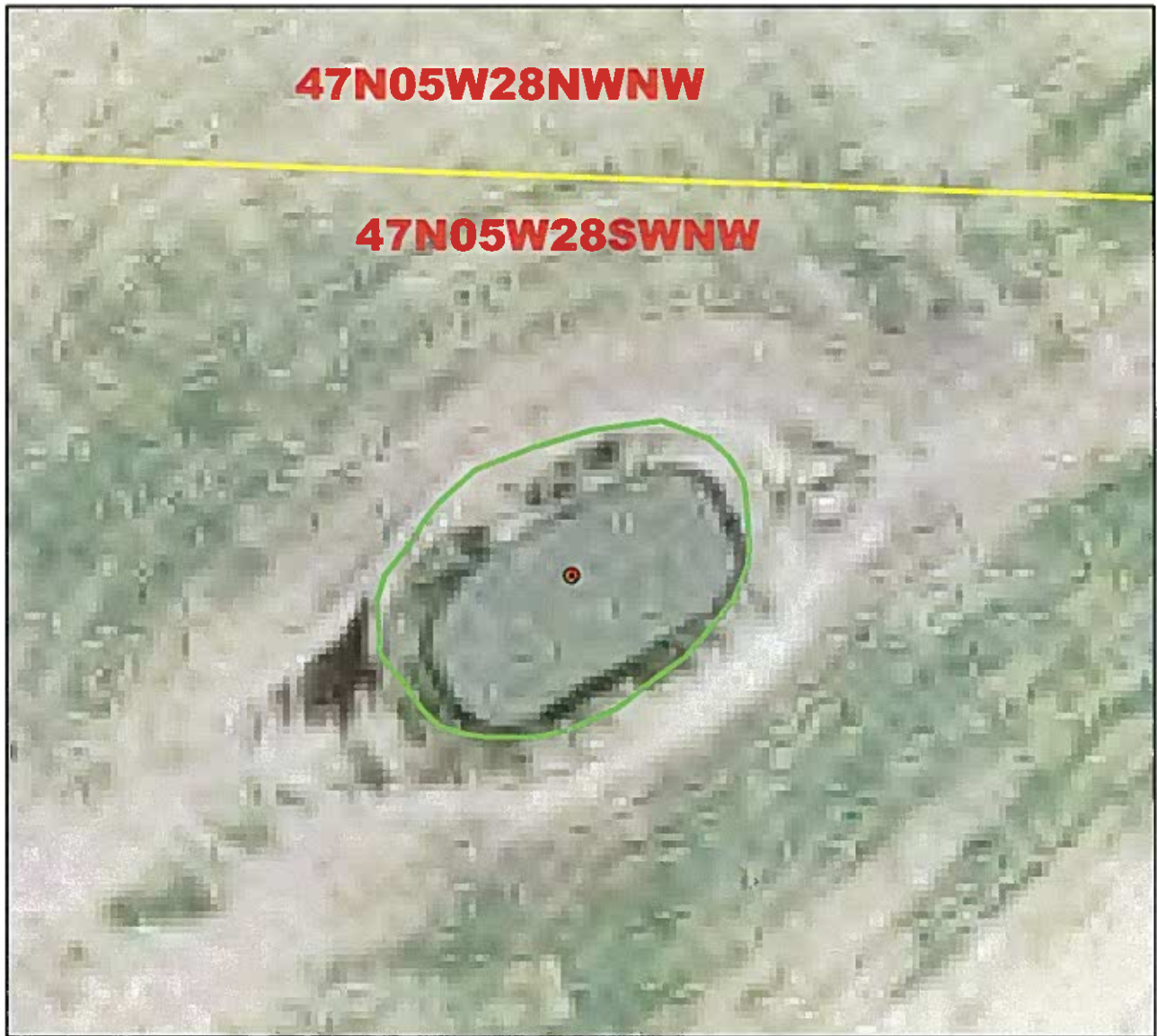
Field Examiner's Name [Signature] Date 5-14-08

Reviewer [Signature] Date 5/16/08

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OUTFLOW FROM POND



PLACE OF USE 1



PLACE OF USE 2



PLACE OF USE 3



POINT OF DIVERSION

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