

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-9275

Exam Date: 5/22/2015

1. Current Owner: GORDON SYLTE
8626 W SYLTE RANCH RD
RATHDRUM ID 83858
(208) 687-1213

And/Or

MICHAEL ROBERTS
C/O GORDON SYLTE
8626 W SYLTE RANCH RD
RATHDRUM ID 83858

And/Or

JOHN SYLTE
C/O GORDON SYLTE
8626 W SYLTE RANCH RD
RATHDRUM ID 83858

2. Accompanied by: Gordon Sylte

3. SOURCE
SPRINGS

TRIBUTARY
SINKS

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 95-444, 95-733, 95-4730, 95-7630, 95-8858
2. Other water rights with the same point of diversion: None

C. DIVERSION AND DELIVERY SYSTEM

1. LOCATION OF POINT(S) OF DIVERSION:

SPRINGS L3 NW1/4NW1/4SW1/4 Sec. 30, Twp 52N, Rge 04W, B.M. KOOTENAI County

SPRINGS L3 NW1/4NW1/4SW1/4 Sec. 30, Twp 52N, Rge 04W, B.M. KOOTENAI County

SPRINGS L3 NW1/4NW1/4SW1/4 Sec. 30, Twp 52N, Rge 04W, B.M. KOOTENAI County

SPRINGS L3 NW1/4NW1/4SW1/4 Sec. 30, Twp 52N, Rge 04W, B.M. KOOTENAI County

Method of Determination: GPS and maps. PODs located around 116° 53.593, 47° 49.451

2.

PLACE OF USE: DOMESTIC

Twp Rge Sec	NE				NW				SW				SE				Totals
52N 04W 30	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
									X								
									L 3								

PLACE OF USE: IRRIGATION

Twp Rge Sec	NE				NW				SW				SE				Totals
52N 04W 30	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
									2.0								2.0
									L 3								

Total Acres: 2

Method of Determination: GPS and maps.

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</u> <u>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</u> <u>Size</u>
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N/A

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

D. FLOW MEASUREMENTS

1.

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

2. Measurements:

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

Measured Method: UNABLE TO PERFORM FLOW MEASUREMENT FROM SPRINGS. SOME SPRINGS WERE JUST FLOWING DOWN AND INTO CISTERN. MEASUREMENT OF DIVERSION RATE COVERED UNDER IDAPA RULES 37.03.02.035.01.r.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 2 \text{ AC} \times 3 \text{ AF} = 6 \text{ AF}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.06 \times 246 \times 1.9835 = 29.3 \text{ AF}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 6 \text{ AF}$$

2. Volume Calculations for Other Uses: DOMESTIC USE FOR 2 HOMES = 0.6 AF X 2 = 1.2 AF

G. NARRATIVE/REMARKS/COMMENTS

FIELD EXAM SHOWED APPLICANT ONLY HAD 2 HOMES INSTEAD OF THE 3 THAT WERE APPLIED FOR. APPLICANT HAD DEVELOPED 4 SPRINGS TO FEED INTO TWO CISTERNS THAT WOULD SUPPLY WATER TO 2 HOMES AND IRRIGATE LAWN AND GARDEN AND SMALL HOP CROP THAT WAS STARTED. UNABLE TO PERFORM FLOW MEASUREMENT FROM ANY OF THE SPRINGS. MEASUREMENT OF DIVERSION RATE COVERED UNDER IDAPA RULES 37.03.02.035.01.r. LICENSE WILL BE ISSUED FOR 0.12 CFS FOR DOMESTIC FOR 2 HOMES AND IRRIGATION OF 2 ACRES WITH ANNUAL VOLUME OF 7.2 AF.

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>
DOMESTIC	01/01 to 12/31	0.060 CFS	1.20 AF
IRRIGATION	03/15 to 11/15	0.060 CFS	6.00 AF
<u>Totals:</u>		0.120 CFS	7.20 AF

2. Recommended Amendments

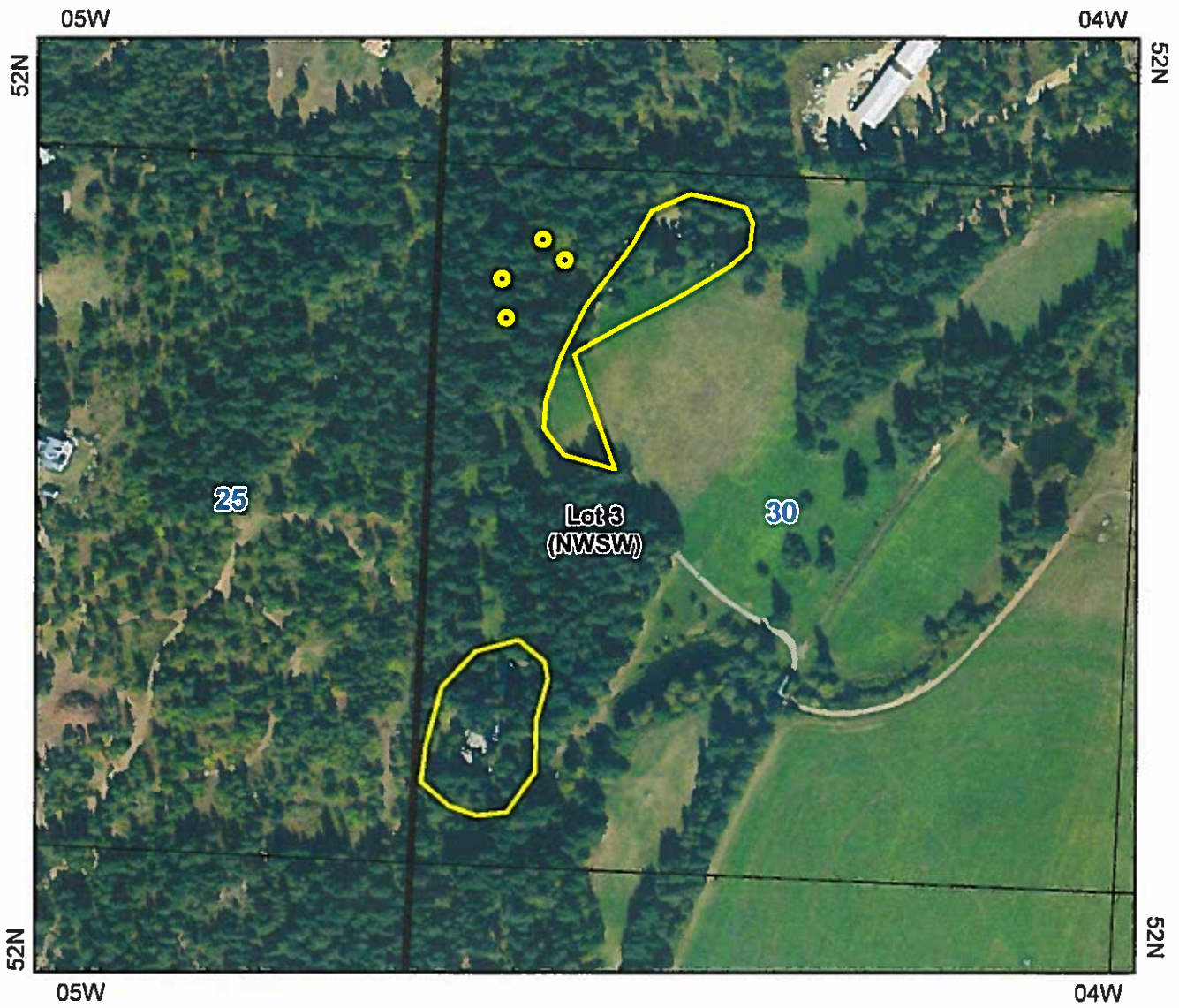
☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

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

I. AUTHENTICATION

Field Examiner's Name Adam Fendrich Date 1-28-2016
 Reviewer [Signature] Date 1-29-2016

State of Idaho
Department of Water Resources
Water Right License
95-9275



- Point of Diversion
- Place Of Use Boundary
- Townships
- PLS Sections

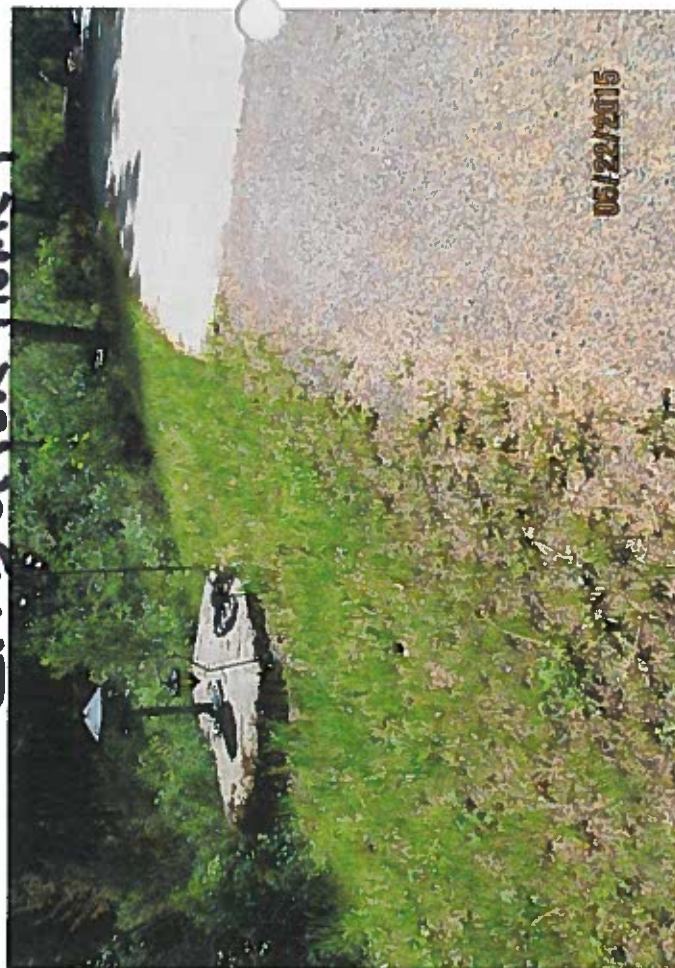
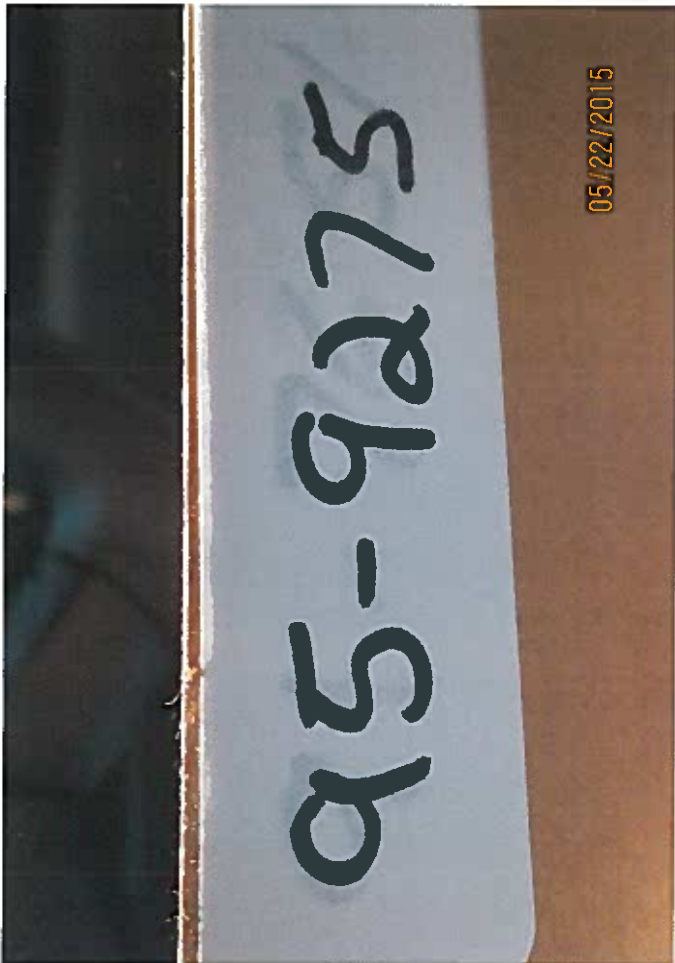
Home 1



95-9275



Irrigation Home 1





Irrigation home 1

95-9275



Irrigation home 2



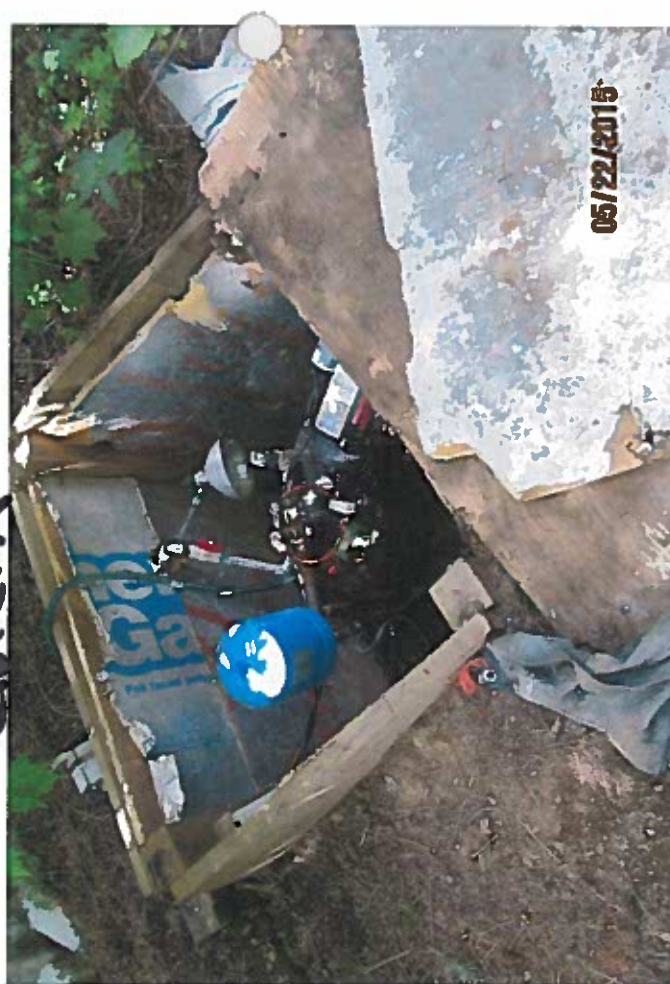
Home 2



95-9275



Cistern



Spring 1

Hops



95-9275

Spring 2



Spring 3



Irrigation

Spring 4



Cistern 2



95-9275