

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-10075

Exam Date: 1/30/2015

1. Current Owner: DALE BUSKE II
PO BOX 21
POST FALLS ID 83854
(208)773-2941

And

MARLYS BUSKE
PO BOX 21
POST FALLS ID 83854
(208)773-2941

And

JIMMY SHULER JR
PO BOX 1150
SPIRIT LAKE ID 83869
(208)623-2440

And

PAUL BEL
PO BOX 772
RATHDRUM ID 83858
(208)659-0336

And

LA DONNA ROBERTS
PO BOX 2706
POST FALLS ID 83877
(208)660-6130

2. Accompanied by: Dale Buske II

Phone No: Same as above

3. **SOURCE****TRIBUTARY**

GROUND WATER

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 SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER SW1/4SW1/4 Sec. 21, Twp 53N, Rge 04W, B.M. KOOTENAI County

Method of Determination: GPS and Maps. POD at 47° 55.197N, 116° 50.876W (A0003274)

2.

PLACE OF USE: DOMESTIC

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
53N	04W	21										X	X						

Method of Determination:

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>
D0003613	FRANKLIN	5			

*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: THEORETICAL FLOW MEASUREMENT REQUIRED PER IDAPA RULES 37.03.02.r. SEE 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: 4 DOMESTIC HOMES WITH UP TO ½ ACRE OF IRRIGATION

$$1.2\text{AF} \times 4 \text{ HOMES} = 4.8\text{AF}$$

G. NARRATIVE/REMARKS/COMMENTS

DOMESTIC FOR 4 HOMES AND IRRIGATION UP TO 1/2 ACRE PER HOME. DIVERSION RATE PER IDAPA RULES 37.03.02.r BENEFICIAL USE EXAMINATION RULES. THEORETICAL PUMPING EQUATION AT 21.5 GPM OR 0.05 CFS. STORAGE TANK WITH 2 INCH LINE TO HOMES.

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	0.050 CFS	4.80 AF
<u>Totals:</u>		0.050 CFS	4.80 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

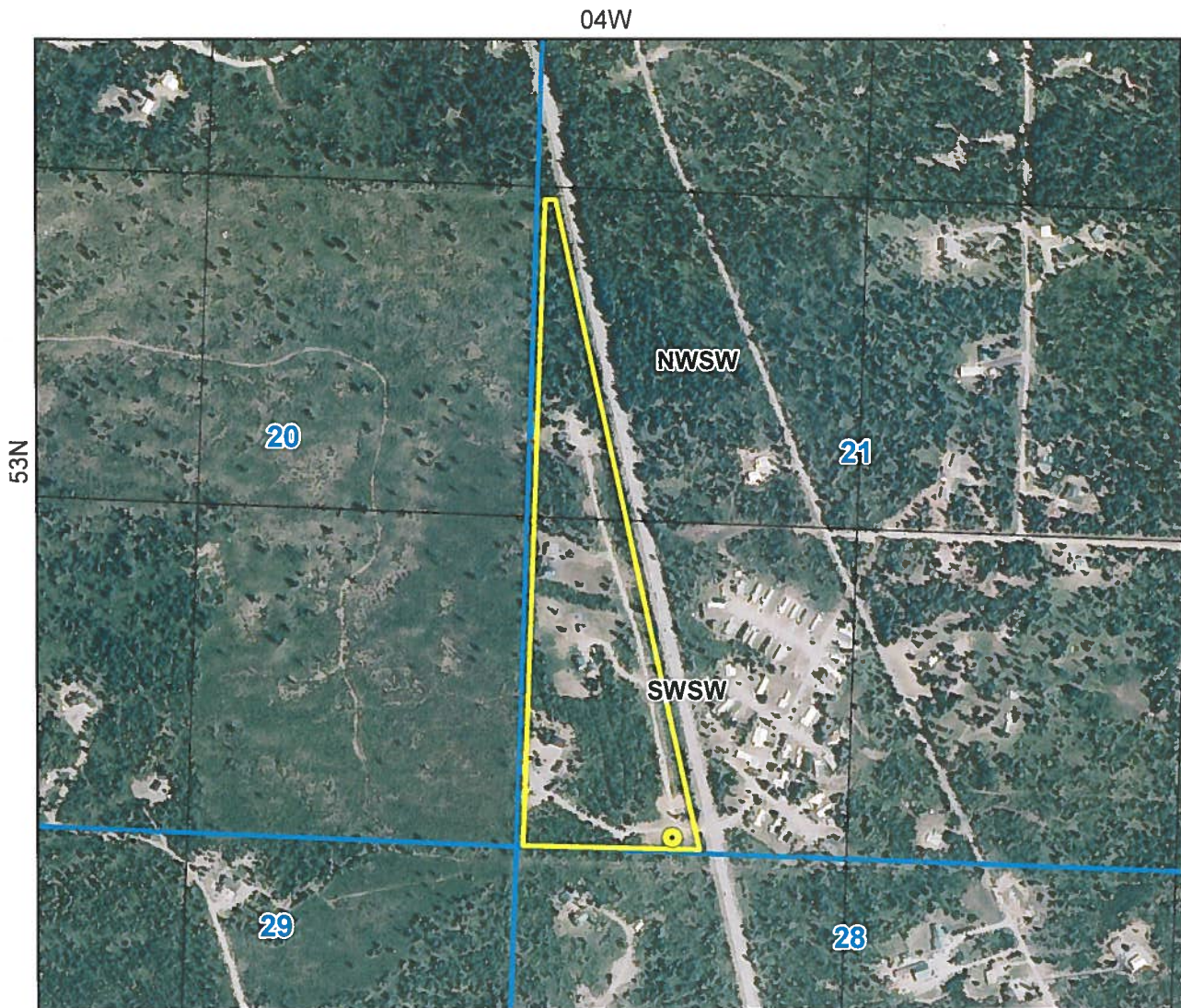
Field Examiner's Name Adam Friedman Date 2-5-2015

Reviewer [Signature] Date 2-5-2015

**PUMP
EQUATIONS
WATER RIGHT
No.**

PUMP EQUATIONS WATER RIGHT No.							95-10075	
		HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI		
Q =	HP*8.8*Eff/ H	5	737.278 9	0.8	580	68		
Q = 0.048 cfs 21.5 gpm								

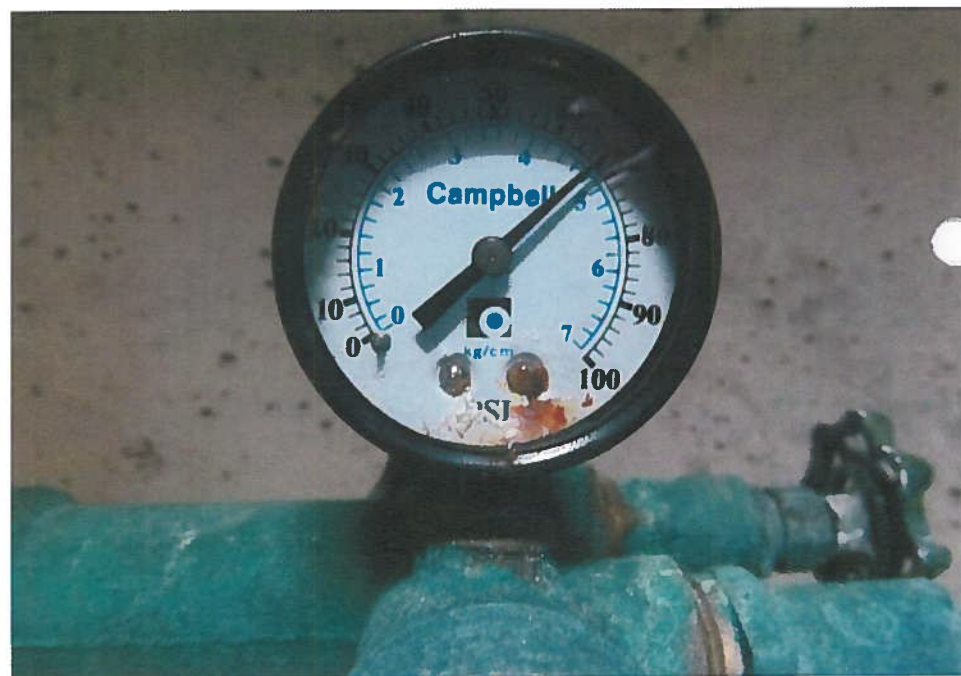
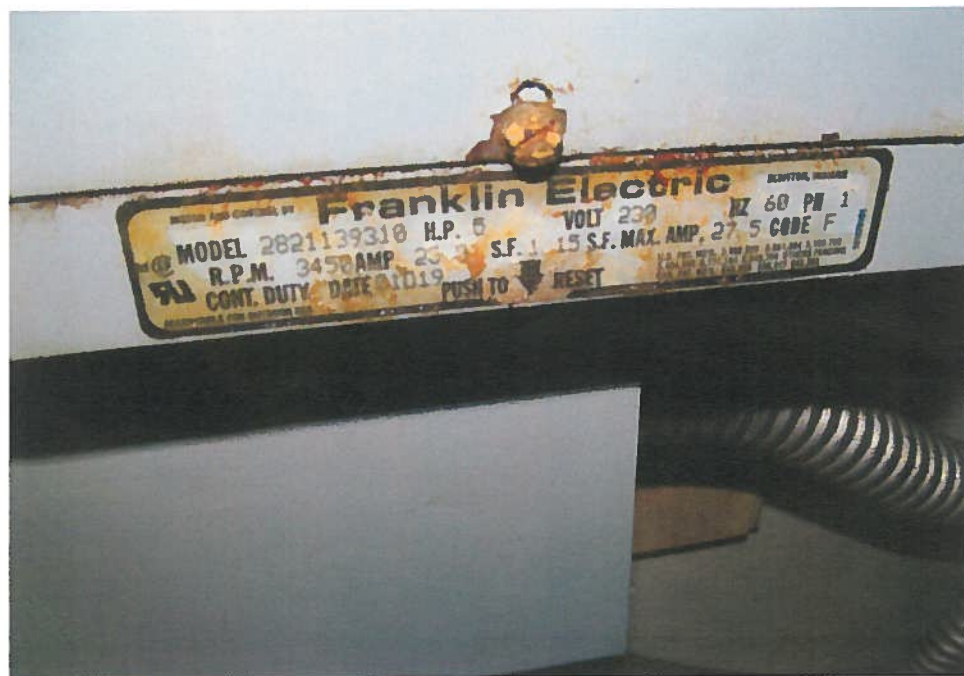
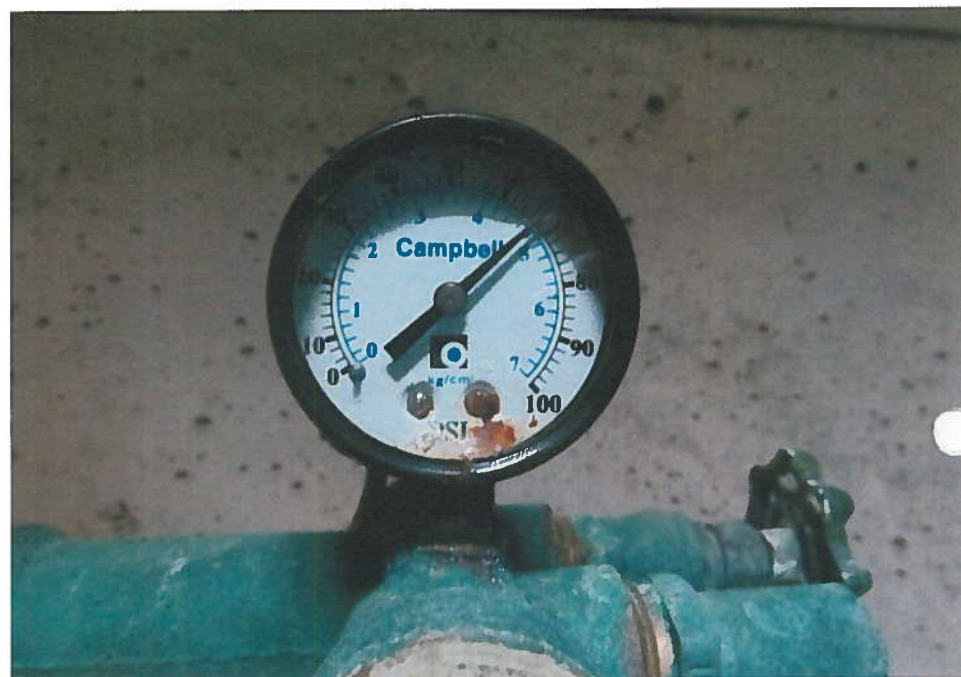
State of Idaho
Department of Water Resources
Water Right License
95-10075



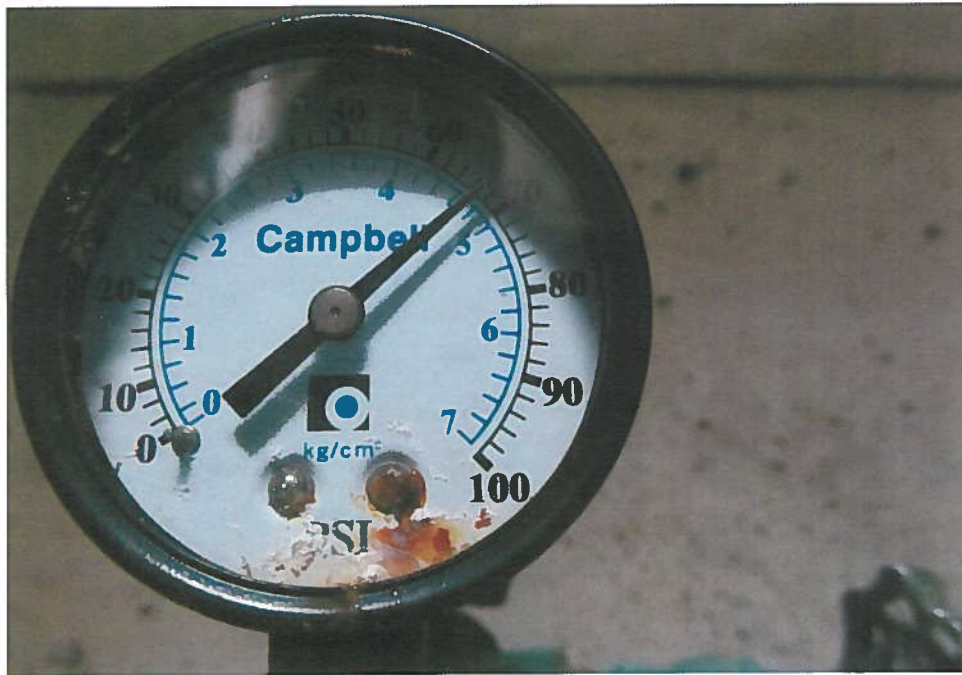
-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections
-  Quarter Quarters

0 0.075 0.15 0.3 Miles

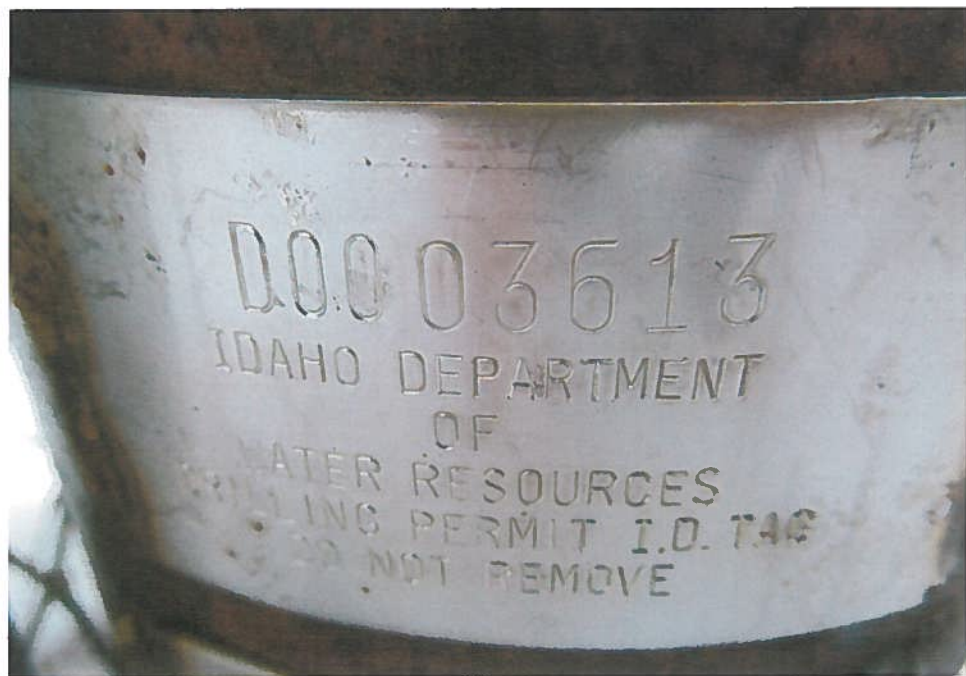
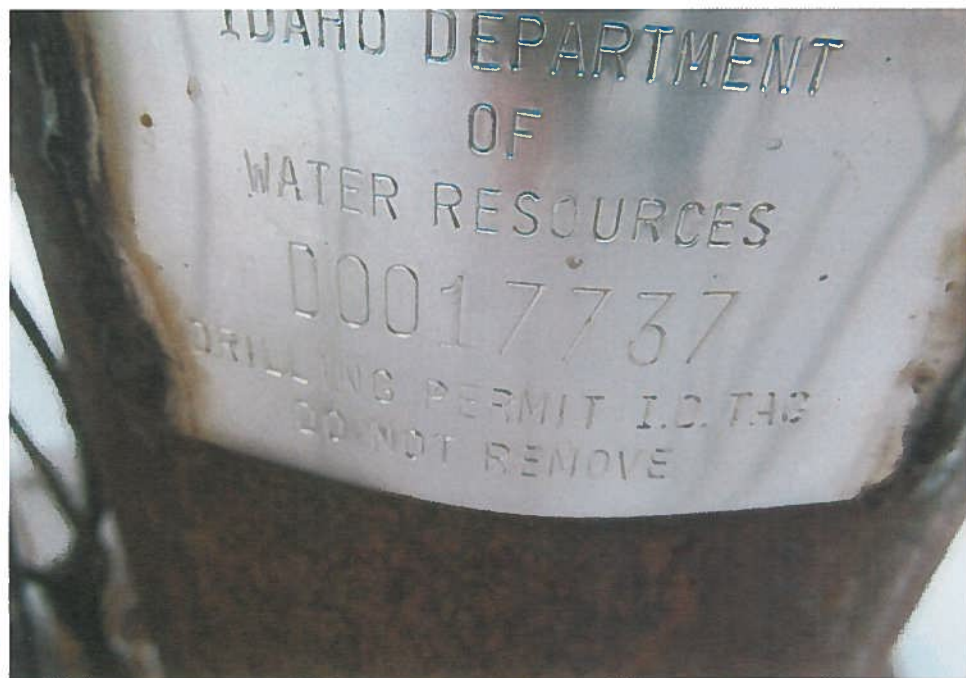




95-1M7C



SLW1-3D



92-1m7c



95-10072