

[illegible]

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>
96-96-N-71					

*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>
Fuji	Ultrasonic Flowmeter		S1011	7K0079TB		3/2/2014

2. Measurements: 28 GPM

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 8 \times 3 = 24 \text{ AF}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.06 \times 214 \times 1.9835 = 25 \text{ AF}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 24 \text{ AF}$$

2. Volume Calculations for Other Uses: Stockwater = 0.2 AF

Domestic = 0.6 AF

G. NARRATIVE/REMARKS/COMMENTS

8AC OF IRRIGATION, DOMESTIC USE FOR 1 HOME, STOCK WATER USE FOR 10 MIXED CATTLE

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>
IRRIGATION	04/01 to 10/31	0.060 CFS	24.00 AF
DOMESTIC	01/01 to 12/31	0.040 CFS	0.60 AF
STOCKWATER	01/01 to 12/31	0.020 CFS	0.20 AF
<u>Totals:</u>		0.060 CFS	24.80 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 *E. Johnson* Date 12-11-2014Reviewer *Adam Fritchell* Date 12-11-2014

State of Idaho
Department of Water Resources
Water Right License
95-10207



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

0 0.0225 0.045 0.09 Miles



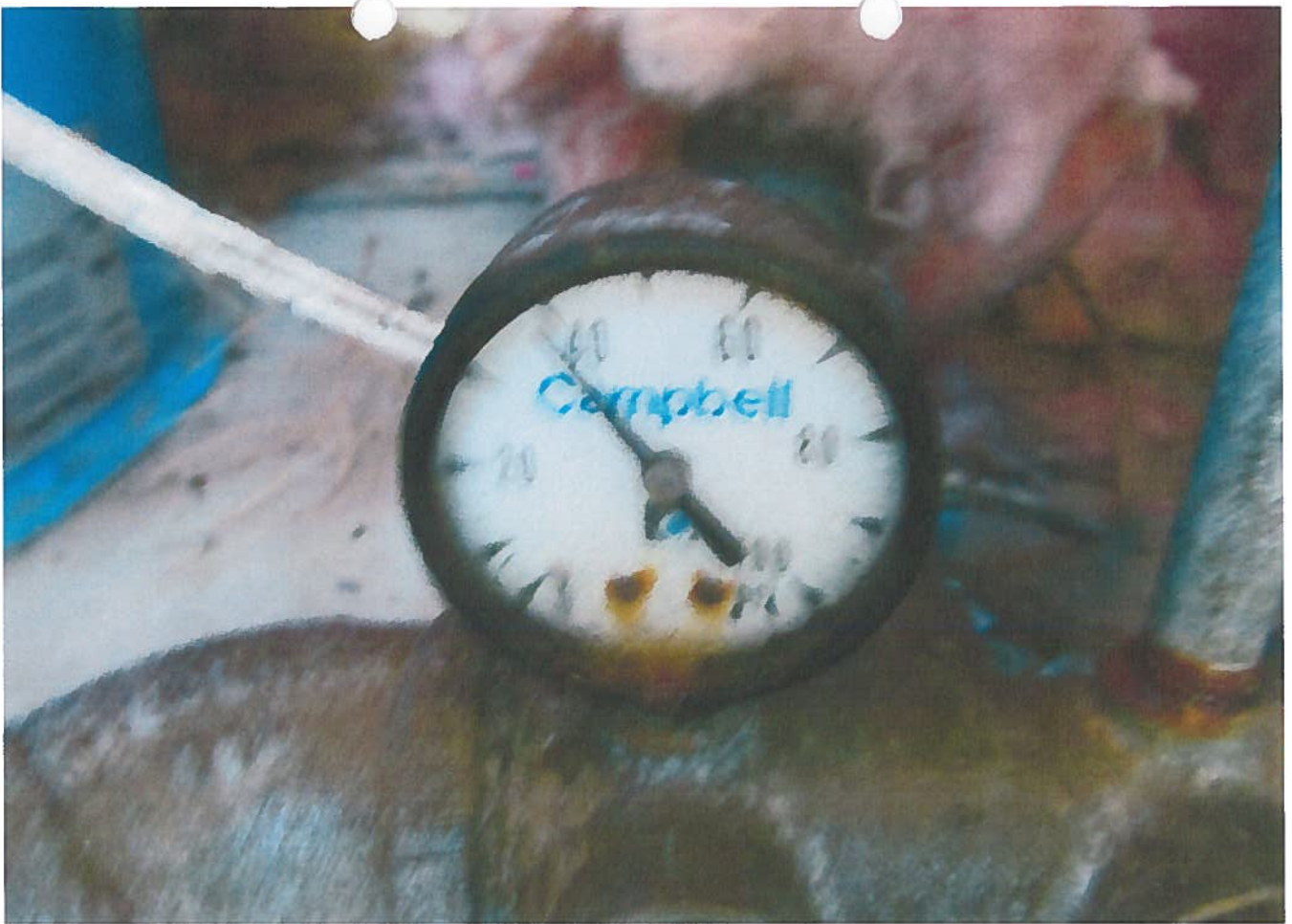
and
Supervisor or Operator Bert M. J. Date 6-3-96
(Sign once if Firm Official & Operator)



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