

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Houwer

Permit No. 75-07521

1. Owner: Melvin Joel Houwer % Judy C Becker

Phone No. —

Current Address: 806 Fulton ST, Salmon ID 83467

2. Accompanied by: Judy C. Becker

EXAM. DATE: 8-9-2000

Address: 806 Fulton St Salmon ID 83467

Phone No. 756-4718

Relationship to Permit Holder: Current owner

3. Source: Groundwater tributary to —

B. OVERLAP REVIEW

1. Other water rights with same place of use: N/A

☒ Copies Attached

2. Other water rights with same point of diversion: NO

☐ Copies Attached

☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

1. **Diversion System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable. ☐ Alternative diagram attached

SEE ATTACHED PHOTO

Scale: 1" = —

2. ☒ Copy of U.S.G.S. Quadrangle Attached
Showing location(s) of point(s) of diversion and
place(s) of use (required).

☒ Photo of Diversion and System Attached

(required for all but single household domestic groundwater, and stockwater.

☒ Aerial Photo Attached
(required for irrigation of 10 acres or more).

3. Narrative: Description (As operating at time of measurement. Indicate pressure, number of sprinklers, etc.)

$9/64 @ 45 \text{ psi} = 3.99 \text{ gpm}$
 $5/32 = 4.91 \text{ gpm}$
 $3 - 9/64 @ 45 \text{ psi} = 11.97 \text{ gpm}$
 $+ 4.91 \text{ gpm}$
 16.88 gpm
 $16.88 \text{ gpm} \times 10 \text{ ft} = 168.8 \text{ cfs}$
 $168.8 \text{ cfs} = 16.88 \text{ gpm}$

☐ See Remarks on page 4 for continuation

Well or Diversion No. *	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	CRUDDOS	3/4	Model 82456903	-	-

4. Point(s) of Diversion:

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

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
					NW 1/4	6	21N	22E	Lehigh
									on site / FSA aerial

6. Place(s) of Use:

Indicate Method of Determination

TP.	Rge.	Sec.	NE 1/4	NW 1/4	SE 1/4	NE 1/4	NW 1/4	SE 1/4	NE 1/4	NW 1/4	SE 1/4	NE 1/4	NW 1/4	SE 1/4	NE 1/4	NW 1/4	SE 1/4	Totals
21N	22E	6																1.5

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements:

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

3 - 9/64 in birds and 1 - 5/32 in bird @ 45 psi
= 16.88 gpm

2. Alternate Method for Checking Purposes:

16.88 gpm
448.83 gpm * 1 cfs = 0.0376 cfs.

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: _____ psi x 2.31 = _____ ft (1); Dynamic pumping level: _____ ft (2)

Total Head: (1) + (2) = _____ (3) ; Flow rate: _____ cfs (4)

Water HP: (3) x (4) ÷ 8.8 = _____ (5)

Meter Input KW: 3.6 x _____ KH x _____ CTR or _____ MULT x _____ PTR x _____ N/ _____ T = _____ (6)

Meter Input HP: (6) x 1.34 = _____ (7)

Panel Input KW: _____ Ave PF x _____ Ave Volts x _____ Ave Amps x .001732 = _____ (6)

Panel Input HP: (6) x 1.34 = _____ (7) Efficiency: (5)/(7) x 100 = _____ %

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 1.1 \text{ acres} \times 3.5 \text{ acre ft. per acre} = 3.85 \text{ AF}$

$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 0.03 \text{ cfs} \times 1.9835 \times 214 \text{ days} = 12.73 \text{ AF}$

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 3.85 \text{ AF} + 0.2 \text{ AF} = 4.05 \text{ AF}$

2. Volume Calculations for Other Uses:

0.2 cfs stockwater 0.2 AF stockwater

H. REMARKS AND OVERLAP REVIEW ANALYSIS

PON is overlapped by recommendations for the City of Salmon and WIC 75-23 that has a temporary active claim and no recommendation.

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	From	To	Period of Use	Rate of Diversion Q (cfs)	Annual Volume V (afa)
Stock water	1/1	12/31		$\phi. \phi 2$	$\phi. 2$
Travigation	4/1	10/31		$\phi. \phi 3$	3.9
Totals:				$\phi. \phi 3$	4.1

2. Recommended Amendments

- ☐ Change P.D. as reflected above
☐ Change P.U. as reflected above
☐ Add P.D. as reflected above
☐ Add P.U. as reflected above
☐ None
☐ Other

J. AUTHENTICATION

Field Examiner's Name
 Signature
 Certification Date
 Field Report Preparation Date

Harold Jones
 Aaron Allen

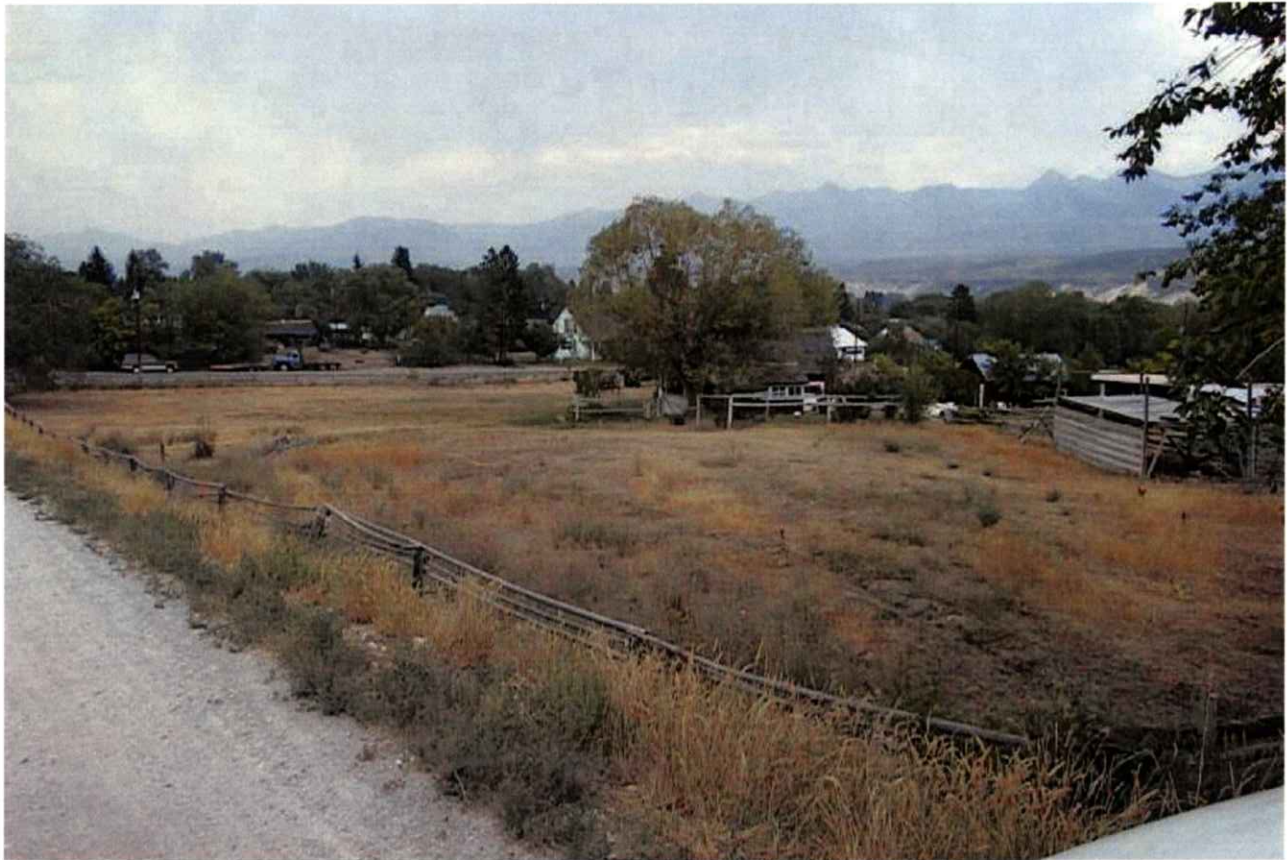
CONSULTANT SEAL

K. Licensing recommendation shall be prepared by an Idaho Department of Water Resources employee on a computer printout attached hereto.

Comment Report

75-7521

1. agolart 2/1/2007 Field Report Narrative
Comment: GRUNDFOS 3/4 Hp pump with 3-9/64in. birds and 1-5/32in. bird @45 Psi.
2. agolart 2/1/2007 POD
Comment: Updated shape
3. agolart 2/1/2007 POD
Comment: Updated PLS
4. agolart 2/1/2007 POU
Comment: Updated Shape
5. agolart 2/1/2007 POU
Comment: Updated PLS
6. agolart 2/1/2007 POU
Comment: Updated Shape
7. agolart 2/1/2007 POU
Comment: Updated PLS
8. agolart 2/1/2007 POU
Comment: Updated Shape
9. agolart 2/1/2007 POU
Comment: Updated PLS
10. agolart 2/2/2007 Overlap
Comment: POU is overlapped by recommendations for the city of Salmon and WR 75-23 that has a temporary status claim and no recommendation.



Point of Diversion & Place of Use
(Not used this year)

75-07521



Pau.

N

75-7521

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Huf

12-28-06