

Twp	Rge	Sec	NE				NW				SW				SE				
			<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>	<u>Totals</u>
12N	43E	8									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 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>
698317		5			B
698318		3			A

*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:

E. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method:

$$\text{Well A } Q_{3\text{hp}} = (3 \cdot (8.814) \cdot (0.70)) / (31 + (50 \cdot 2.304)) = 0.13 \text{ cfs}$$

$$\text{Well B } Q_{5\text{hp}} = (5 \cdot (8.814) \cdot (0.70)) / (31 + (50 \cdot 2.304)) = 0.21 \text{ cfs}$$

$$0.34 \text{ cfs}$$

Limited to 0.30 cfs by permit

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:

$$40 \text{ homes} \times 1.2 = 48 \text{ afa}$$

G. NARRATIVE/REMARKS/COMMENTS

Two wells, subpumps to 68 lots in subdivision, all 68 stubbed in. A well under 2nd water right, B well new - this right.

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	0.300 CFS	48.00 AF
<u>Totals:</u>		0.300 CFS	48.00 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 Paul Meyer Date July 30, 1992

Reviewer Nate Arave Date March 1, 2007 3-1-07

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

1. Owner: Henry's Fork Village Water Co. Permit No. 21-7446
(208) Phone No. 558 7139
Current Address: 3745 S Robbins Cir Island Park Id 83429
2. Accompanied by: _____ EXAM. DATE: 7-31-92 7-30-92
Address: _____ Phone No. 1992
Relationship to Permit Holder: _____
3. Source: GROUNDWATER tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: 21-12857 ☐ Copies Attached
2. Other water rights with same point of diversion: 21-12857 ☐ 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

Grid area for Diversion System Diagram.

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). ☐ Aerial Photo Attached (required for irrigation of 10 acres or more).
- ☐ Photo of Diversion and System Attached (required for all but single household domestic groundwater, and stockwater).

System Description (continued)

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

Two words, sub points to 68 loks in addition, all

Δευτέρα 27/10/2014

Read now - this is good

☐ See Remarks on page 4 for continuation

Well or Diversion Identification No.*	A (220TH)				
Motor Make					
Hp	3HP			5hp	
Motor Serial No.					
Pump Make					
Pump Serial No. or Discharge Size					

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

5. Point(s) of Diversion:

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
8	9		SW SE	8	12N	43E	PR. M. M.	Lot 15 Block 1 Robbins Subdivision	
7	5		NE SW	8	12N	43E	PR. M. M.		

6. Place(s) of Use:

[illegible]

Do not use this space

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Well ID# Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
698317	5hp					
698318	3hp					

2. Measurements:

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

$$Q_{\text{meas}} = \frac{\text{hp}(8.814)(.7)}{\text{eff} + (\text{PSI} \times 2.308)} = \frac{3(8.814)(.7)}{31 + (50 \times 2.308)} = 0.13 \text{ cfs}$$

2. Alternate Method for Checking Purposes:

$$Q_{\text{spn}} = \frac{\text{hp}(8.814)(\text{eff})}{\text{eff} + (\text{PSI} \times 2.308)} = \frac{5(8.814)(.7)}{31 + (50 \times 2.308)} = 0.21 \text{ cfs}$$

0.30 cfs limited by permit

0.34 cfs Total Q

F. PUMP EFFICIENCY DATA (Optional)

Wells in area 9-31ft

Discharge Pressure: 50 psi x 2.31 = _____ ft (1); Dynamic pumping level: 31 ft (2)

Total Head: (1) + (2) = 146.4 (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:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 40 \text{ homes} \times 1.2 = 48 \text{ afa}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \underline{\hspace{2cm}}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$$

2. Volume Calculations for Other Uses:

Comment Report

21-7446

1. scox 1/19/2007 Field Report Narrative

Comment: Two wells, subpumps to 68 lots in subdivision, all 68 stubbed in. A well under 2nd water right, B well new - this right.

2. narave 2/26/2007 POD

Comment: Updated shape

3. narave 2/26/2007 POD

Comment: Updated shape

4. narave 2/26/2007 POU

Comment: Updated Shape

5. narave 2/26/2007 POU

Comment: Updated Shape

6. narave 2/26/2007 POU

Comment: Updated Shape

7. narave 2/26/2007 POU

Comment: Updated Shape

8. narave 2/28/2007 POU

Comment: Updated Shape

9. narave 2/28/2007 POU

Comment: Updated Shape

10. narave 2/28/2007 POU

Comment: Updated Shape

11. narave 2/28/2007 POU

Comment: Updated Shape

12. narave 2/28/2007 POU

Comment: Updated Shape

13. narave 2/28/2007 POU Overlap

Comment: POU overlaps with 21 4149, 21 10770, 21 11076, 21 12398, 21 10173, 21 10218, 21 10622, 21 10624, 21 10791, 21 10866, 21 10868, 21 11099, 21 11293, 21 11300, 21 10430, 21 11053, 21 10232, 21 10897, 21 12857, 21 10969

21 10897, 21 12857, 21 10969

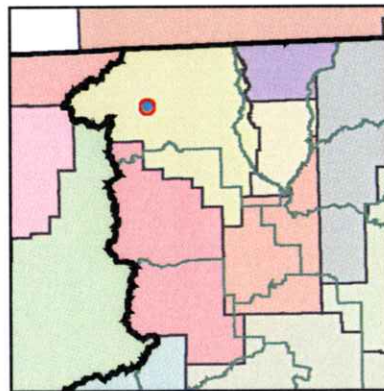
Type	WR #	Owner	Source	TRS	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	Total
Right	21 4149	BOX CAN\	GROUND	'12N43E8									X								0
Right	21 7028	ANTHONY SCARPEL	'12N43E8																		4
Right	21 7386	ANTHONY GROUND	'12N43E8																		0
Permit	21 7434	ANTHONY GROUND	'12N43E8																		0
Permit	21 7446	HENRYS F GROUND	'12N43E8																		0
Right	21 10770	H DEE HU GROUND	'12N43E8										X								0
Right	21 11076	DONALD J GROUND	'12N43E8																		0
Right	21 12396	UNITED S ANTELOP	'12N43E8										X								0
Right	21 12398	UNITED S HENRYS F	'12N43E8										X								0
Right	21 10173	HOLLIS D GROUND	'12N43E8																		0
Right	21 10218	ROWLANE GROUND	'12N43E8										X								0
Right	21 10622	ALFRED E GROUND	'12N43E8																		0
Right	21 10624	REID THO GROUND	'12N43E8																		0
Right	21 10642	CAROLYN GROUND	'12N43E8																		0
Right	21 10791	HUGO J M GROUND	'12N43E8																		0
Rec	21 10866	SALLY L R GROUND	'12N43E8																		0
Right	21 10868	J REESE C GROUND	'12N43E8																		0
Right	21 10905	RAYMONT GROUND	'12N43E8																		0
Right	21 11091	OVERLAN HENRYS F	'12N43E8																		0
Right	21 11099	EDNA ION GROUND	'12N43E8																		0
Right	21 11262	DOUGLAS GROUND	'12N43E8																		0
Right	21 11293	DAVID C A GROUND	'12N43E8										X								0
Right	21 11300	ERIC L M GROUND	'12N43E8																		0
Right	21 10430	ELLIOT RC GROUND	'12N43E8																		0
Right	21 11053	R DUNCAI GROUND	'12N43E8																		0
Right	21 10232	FERRIN B GROUND	'12N43E8																		0
Right	21 10897	HOUSTON GROUND	'12N43E8																		0
Right	21 10972	HENRY H GROUND	'12N43E8										X								0
Permit	21 12857	HENRYS F GROUND	'12N43E8																		0
Rec	21 7028A	ANTHONY SPRINGS	'12N43E8																		1.4
Rec	21 10969	CHRISTIN GROUND	'12N43E8																		0
Right	21 7446	HENRYS F GROUND	'12N43E8										X								0



21-7446

Legend

- ☐ Point of Diversion
 - ☐ Place of Use
 - ☐ Townships
 - ☐ PLS Sections
 - ☐ Quarter Quarters

Fremont County
IDWR Basin 21

Prepared by N. Arave
On Wednesday, February 28, 2007
2004 Aerial Photography

