

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

21-07433

A. GENERAL INFORMATION

Permit No. 558-7525

1. Owner: HENDRIX FORK ANGLERS INC.

Phone No. 558-7525

Current Address: Box 4187, St. Anthony, ID 83445 (Mailing @ Home)

2. Accompanied by: Mike Lawson

EXAM. DATE: 7/11/90

Address: HC 66, Box 384, I.P. 83429 (Business)

Phone No. 624-3595

Relationship to Permit Holder: OWNER

3. Source: GROUNDWATER tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: None

☐ Copies Attached

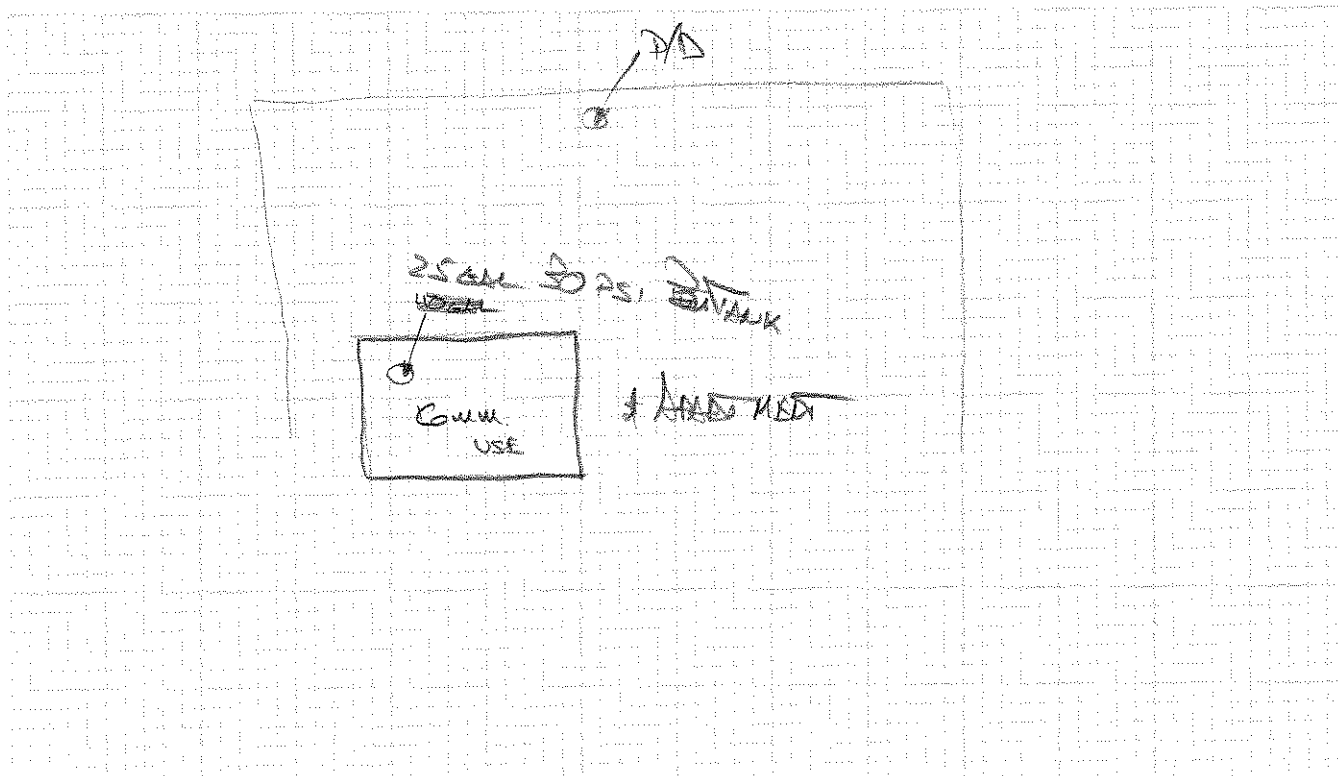
2. Other water rights with same point of diversion: None

☐ 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



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).

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:

SEWIC WATER LEVEL 15'
DYNAMIC WATER LEVEL 23'

$$Q = \frac{(.5 \text{ Hp})(9.814)(.70)}{(15 \text{ ft}) + (30 \text{ PSI} \times 2.308)} = \frac{3.0849}{84.24}$$

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

2. Alternate Method for Checking Purposes:

$$= \phi. \phi 366 \text{ cfs}$$

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 Ampsx .001732 = _____ (6)

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

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ _____

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

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

2. Volume Calculations for Other Uses:

Commercial volume: 1 restroom @ 400 gallons per day

$$\frac{400 \text{ gal}}{\text{day}} \times 365 \text{ days} = \frac{146,000 \text{ gal}}{325,850 \text{ gal}} = \phi.448 \text{ AF}$$

H. REMARKS AND OVERLAP REVIEW ANALYSIS

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use		Period of Use		Rate of Diversion	Annual Volume
		From	To	Q (cfs)	V (afa)
Domestic		1/1	12/31	0.04 cfs	1.2 AF
Irrigation		1/1	12/31	0.02 cfs	0.4 AF
Totals:					

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: Paul Meyer
 Signature: [Signature]
 Certification Date: _____
 Field Report Preparation Date: _____

CONSULTANT SEAL

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

Department of Water Resources

WELL INSPECTION FORM

If well is associated with water right, provide WR# 21-07933

Otherwise provide legal description and a sketch map and/or address so that the well can be located easily.

1. Legal Description: TWP____, Rge____, Sec.____, ____1/4____1/4
or Lot_____.

2. Owner: NEDEYS FOCK AUGLEES

Address_____, City_____, St_____

3. Casing $\geq$ 12 inches above ground: Yes ☒ No_____

4. Access Port:	Yes ☒ No ☒	Static Water Level: <u>15'</u>
Pressure Gauge:	Yes ☒ No_____	Casing Diameter: <u>6"</u>
Flowing:	Yes_____ No ☒	Temperature: <u>> 85°</u>

5. Are there any obvious construction problems that may be a source for contamination or waste of water: Yes_____ No ☒

If answer to Item 5 is Yes, describe in remarks and attach photo.

Remarks: _____

