

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 37-8446

Exam Date: 3/10/2015

1. Current Owner: PETER M THOMAS TRUST
C/O E PARRY THOMAS
PO BOX 642
SUN VALLEY ID 83353
(208)622-4987

RIVER GROVE FARM
C/O E PARRY THOMAS
PO BOX 642
SUN VALLEY ID 83353

2. Accompanied by: N/A – drove by property and completed exam in-house.

3. SOURCE

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 37-557, 37-558 and 37-559 (Big Wood River irrigation rights).
2. Other water rights with the same point of diversion: 37-12353

C. DIVERSION AND DELIVERY SYSTEM**1. LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER SE1/4SE1/4NE1/4 Sec. 5, Twp 02N, Rge 18E, B.M.
BLAINE County

Method of Determination: Point of diversion determined by using 2011 and 2013 aerial imagery. POD is associated with WMIS point 100755. See attached map.

2.

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
02N	18E	4							.8										.8
02N	18E	5				1.7													1.7

Total Acres: 2.5

Method of Determination: Place of use determined by using 2011 and 2013 aerial imagery. Place of use appears to be located as recorded. See attached map.

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>
		7.5			

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

D. FLOW MEASUREMENTS: No measurement required per current beneficial use examination rules.

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

Measured Method: Theoretical Yield:

$$Q = \frac{8.8 \times (Hp) \times (Eff)}{H}$$

Where H = total head = pumping level + (2.31 x system pressure)

Static water level = 5.5 ft

System pressure assumed at 60 psi

Hp = 7.5 (per Walker Water Systems)

$$H = 5.5 + (50 \times 2.31) = 121$$

$$Q = \frac{8.8 \times 7.5 \times .70}{121} = 0.38 \text{ cfs}$$

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 2.5 \text{ acres} \times 3.5 \text{ AF} = 8.75 \text{ AF}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.08 \text{ cfs} \times 215 \text{ days} \times 1.9835 = 34.12 \text{ AF}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 8.75 \text{ AF}$$

G. NARRATIVE/REMARKS/COMMENTS

Permit 37-8446 was permitted for 0.080 cfs ground water irrigation for 2.5 acres.

Application for permit was submitted for the Peter Trust on 10/26/1988. Permit lapsed and notice was sent on 7/11/1990. Proof of Beneficial Use was submitted on 7/18/1990 and the permit was reinstated by order on 12/17/1990 and the priority date was supposed to be advanced to 12/12/1988. Data entry advancing the priority date was never accomplished; Therefore, I have corrected the date on the license and will attach a copy of the order to this field exam.

I drove by the property on 10/17/2014 while completing another field exam in the area to verify the irrigated acres and the number of domiciles on the property, as I had not been able to make contact with the property owner after multiple attempts. I was able to determine that the building on the north end of the lot is a home and the more southerly building is a horse barn. I was also able to verify which acres were irrigated on the property.

The permit required an amendment as it was permitted for 2.5 acres in the SENE1/4 of Sec. 5 in Twp 02N, Rge 18E only, and there are actually 0.8 acres of irrigated pasture in the SWNW1/4 of Sec 4 and approximately 1.7 acres irrigated in the SENE1/4 of Sec. 5.

Overlap review indicates potential overlap with Aspen Lakes Canal Co. Big Wood River irrigation rights 37-557, 37-558 and 37-559 on the west side of the property (SENE of Sec. 5, Twp 02N, Rge 18E). Condition R67 has been placed on the license limiting combined irrigation on the property to 0.03 cfs and 3.5 afa.

Recommend licensing 0.080 cfs and 8.80 afa for irrigation.

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 11/01	0.080 CFS	8.80 AF
<u>Totals:</u>		0.080 CFS	8.80 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 Ben Still Date 3-10-2015

Reviewer [Signature] Date 4/21/2015



Figure 1: West end of irrigated pasture.



Figure 2: East end of the same pasture.

37-8446 System Diagram



BEFORE THE DEPARTMENT OF WATER RESOURCES
OF THE STATE OF IDAHO

IN THE MATTER OF PERMIT NO. 37-8446 IN THE)
NAME OF PETER TRUST, JEROME D. MACK TRUSTEE) ORDER OF REINSTATEMENT
_____)

WHEREAS, the Department issued the above-captioned permit with the condition that proof of construction of works and application of water to beneficial use (proof of beneficial use) be submitted on or before July 1, 1990; and,

WHEREAS, the Department notified the permit holder by certified mail that proof was due and instructed the permit holder of the steps to be taken to submit the proof of beneficial use; and,

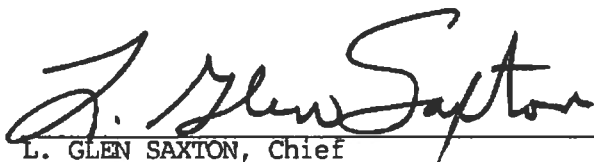
WHEREAS, the Department notified the permit holder that the permit lapsed for failure of the permit holder to submit the proof of beneficial use; and,

WHEREAS, Section 42-218a of the Idaho Code provides that a permit may be reinstated upon a showing of reasonable cause within sixty days of the date of the notice of lapsing; and,

WHEREAS, the permit holder has provided a reasonable showing why the permit should be reinstated by submitting proof of beneficial use on July 18, 1990;

IT IS, THEREFORE, HEREBY ORDERED that Permit No. 37-8446 be REINSTATED and the priority advanced to November 12, 1988.

Dated this 17 ^{*th*} day of December, 1990.


L. GLEN SAXTON, Chief
Water Allocation Bureau

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JAN 17 1991

