

[illegible]

Method of Determination: Place of use determined by using 2009 aerial photography and 2012 ESRI satellite imagery. Place of use appears to be located as recorded. See attached map.

3. ☒ 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>
N/A					

D. FLOW MEASUREMENTS - None

E. FLOW CALCULATIONS Theoretical Yield:

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

Where Hp = 5 Hp (per Lita West former owner)

Eff = Efficiency = 70% assumed

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

$$H = 40 + (40 \times 2.31) = 132.40$$

$$Q = \frac{8.8 \times 5 \times .70}{132.40} = 0.23 \text{ cfs}$$

F. VOLUME CALCULATIONS

1. Volume Calculations for Other Uses:

Domestic: Standard **1.2 AFA**

Stockwater:

100 range cattle and 20 horses at 12 gpd: 12 gpd/head x 120 x 365 days / 325,850 gallons/af = 1.61af

200 sheep at 2 gpd: 2gpd/head x 200 x 365 days / 325850 = 0.45 af

Total = 2.06 AFA

G. NARRATIVE/REMARKS/COMMENTS

Permit 37-22744 was permitted for 0.140 cfs Stockwater and 0.040 cfs domestic.

Application for permit 37-22744 was submitted by Lita West on May 8, 2012 and proof of beneficial use was submitted September 10, 2013. The permit had lapsed while the properties associated with the permit were in the process of being sold to new owners. The permit holder filed an assignment of permit to change ownership into the name of Holly Farms LTD, an Arizona Limited Partnership on August 6, 2013. The new owners then filed the proof of beneficial use after the Department notified them of the steps required to file proof of beneficial use or request an extension of time.

Apparently the original well associated with this property was an old hand dug well (SENE1/4) constructed in the 1890s that provided domestic and stock water to the home site over the years. According to Lita West that well was abandoned approximately 15 years ago and water was supplied from a domestic well approximately 0.2 miles to the west (SEWN1/4). The well also provides ground water to a separate home in an adjacent QQ under water right 37-12379 for domestic and stockwater uses. While both lots were owned by Lita West, the home associated with this permit was for ranch hands and their livestock, while the other was formerly Mrs. West's primary residence. The application for permit listed the old hand dug well in error, and a licensing amendment was processed to correct the error.

Information contained in IDWR's database indicates that both stockwater and domestic uses have been ongoing since the 1890s. The residence and the well house are visible in ESRI satellite imagery. There appears to be approximately 0.2 acres irrigated adjacent to the house. According to Lita West, livestock were watered on the west side of the house near the old well.

This field exam was conducted in house as it meets the requirements exempting it from on-site examination and direct measurement specified in the Beneficial Use Examination Rules (IDAPA 37.03.02).

Recommend licensing 0.04 cfs with an annual volume of 1.2 AF for domestic use and 0.14 cfs with an annual volume 2.1 AF for Stockwater use.

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	0.040 CFS	1.2 AF
STOCKWATER	01/01 to 12/31	0.140 CFS	2.1 AF
<u>Totals:</u>		0.180 CFS	3.3 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

Date

10-7-2013

Reviewer

Date

10/9/13

State of Idaho
Department of Water Resources

Attachment To Water Right License 37-22744

This map depicts the DOMESTIC place of use boundary for this water right at the time of this approval and is attached to the approval document solely for illustrative purposes.



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

0 0.045 0.09 0.18 Miles



State of Idaho
Department of Water Resources
Attachment To Water Right License
37-22744

This map depicts the STOCKWATER place of use boundary for this water right at the time of this approval and is attached to the approval document solely for illustrative purposes.



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

0 0.045 0.09 0.18 Miles

