

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 37-20592

Exam Date: 1/10/2012

1. Current Owner: DAVE HAMBLIN
600 N 68 E HWY 75
SHOSHONE ID 83352

And/Or

DEADRA HAMBLIN
600 N 68 E HWY 75
SHOSHONE ID 83352

2. Accompanied by: N/A

3. **SOURCE**

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None
2. Other water rights with the same point of diversion: 37-20591

C. DIVERSION AND DELIVERY SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER

L4 NW1/4NW1/4

Sec. 1, Twp 05S, Rge 17E, B.M.

LINCOLN County

Method of Determination: GPS IDTM 2468084/1313615

2. **PLACE OF USE:**

2. <u>PLACE OF USE:</u>			DOMESTIC																Totals
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>	
05S	17E	1						X											
								L 4											

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>
D0008893		3HP			20 GPM

D. FLOW MEASUREMENTS
N/A**E. FLOW CALCULATIONS**

Measured method: Theoretical Yield

$$Q = \frac{8.8 \times (\text{hp}) \times (\text{eff})}{H}$$

Where: hp = 3 hp (per Eaton Drilling)

Eff = efficiency = 70% assumed

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

H = 258' + (2.31 x 40) = 350.4

$$\frac{8.8 \times 3 \times .70}{350.4} = \mathbf{0.05 \text{ cfs}}$$

F. VOLUME CALCULATIONS

Volume calculations for other uses: Domestic in home and yard = 1.2 AFA

G. NARRATIVE/REMARKS/COMMENTS

Well supplies water for two homes in the Horseshoe Ranchettes Subdivision. Application for permit was originally filed for under WR 37-08912 by Edward J. McNelis. It was later reassigned and split into WR's 37-20591(Matthew Organist, Lot 6) and 37-20592(Dave Hamblin, Lot 5). Both rights are for domestic use only. Well is located on lot 6.

Tax lot data indicates that Lot 5 is 2.4 acres; historically less than ½ acre is irrigated.

It is recommended that right be permitted for 0.04 cfs and ½ acre of 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>
DOMESTIC	01/01 to 12/31	0.040 CFS	1.2 AF
<u>Totals:</u>		0.040 CFS	1.2 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 Matthew Eick Date 1/13/12Reviewer [Signature] Date 1/18/2012

State of Idaho
Department of Water Resources
Water Right License

37-20592

Water Service Area Boundary for Dave Hamblin

R17E

T05S



0 0.035 0.07 0.14 Miles

● Point of Diversion

□ Place Of Use Boundary

□ Townships

□ PLS Sections

□ Quarter Quarters

