

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 37-22858

Exam Date: 1/6/2015

1. Current Owner: 648 NORTH LLC
12197 DEER FLAT RD
NAMPA ID 83686
(208) 467-1525
2. Accompanied by: David Daniel
Phone No: same as above
Address: same as above
Relationship to Permit Holder: secretary/treasurer of the LLC holding the permit

3. SOURCE**TRIBUTARY**

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 37-678A, 37-680A, 37-2041A, and 37-13239. Irrigation rights from Sampson and Wardrop Creeks, which appear to have been withheld by the seller of the subdivision lots.
2. Other water rights with the same point of diversion: none

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

GROUND WATER SW1/4SE1/4 Sec. 9, Twp 01N, Rge 14E, B.M.
CAMAS County

Method of Determination: ArcMap aerial imagery and GPS from well driller report.

2. PLACE OF USE: DOMESTIC

Twp	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
01N	14E	9															X		

Method of Determination: ArcMap aerial imagery

3. _____ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
- ___X___ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- ___X___ 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>
		1			

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

D. FLOW MEASUREMENTS

1.

<u>Measurement</u> <u>Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
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No measurement made as flow rate falls below that required under IDWR Beneficial Use Examination Rules.

2. Measurements:

E. FLOW CALCULATIONS

_____Additional Computation Sheets Attached

Measured Method:

Theoretical Rate of Flow Calculation: $Q = 8.8 \times \text{HP} \times \text{Eff.} / \text{TDH}$, where 8.8 is a constant, HP is pump horsepower, Eff is the estimated efficiency of the system, TDH is the total dynamic head calculated by PSI (system pressure in pounds per square inch) multiplied by 2.31, added to the pumping water level.

$$Q = 8.8 \times 1 (\text{HP}) \times 0.7 (\text{EFF}) / 27 (\text{feet of lift}) + (50 (\text{PSI}) \times 2.31) = 0.04 \text{ cfs}$$

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: NA

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

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

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

2. Volume Calculations for Other Uses:

No volume assigned under IDWR Beneficial Use Examination rules.

G. NARRATIVE/REMARKS/COMMENTS

An in-office field exam was done via phone with David Daniel on January 6, 2015. He is the secretary/treasurer of 648 North, LLC and was listed as the contact person on the Proof of Beneficial Use form which was submitted on April 21, 2014.

The well for the property was drilled in 2006 and contains a 1 HP pump. It serves the house and a drip irrigation system for a few trees. In speaking with Mr. Daniel, it was discovered that he has not placed any livestock upon the lot, nor has he developed any water troughs. I informed him, that with the domestic use, he would be able to water the small number of horses or cows that was mentioned in his permit application, so the stockwater use, which was never developed, should be dropped at this time.

A theoretical analysis of the rate of flow of the system yields a potential flow rate of 0.04 cfs, which is sufficient for the permitted flow of 0.02 cfs. Beneficial use examination rules exempt domestic uses, as defined by Idaho Code 42-111, from any volume reporting requirements, so no volume will be assigned.

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	0.020 CFS	
<u>Totals:</u>		0.020 CFS	

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 Jim B. [Signature] Date 01/06/2015

Reviewer [Signature] Date 1/12/15



Views of Home (from Google Earth street view)



No. W 53638	Due no later than Aug 31, 2014 Annual Report Form		2. Registered Agent and Address (NO PO BOX)			
Return to: SECRETARY OF STATE 700 WEST JEFFERSON PO BOX 83720 BOISE, ID 83720-0080 NO FILING FEE IF RECEIVED BY DUE DATE	1. Mailing Address: Correct in this box if needed. 648 NORTH LLC DAVID DANIEL 12197 DEER FLAT RD NAMPA ID 83686		DAVID A DANIEL 12197 DEER FLAT RD NAMPA ID 83686			
			3. <u>New</u> Registered Agent Signature:*			
4. Limited Liability Companies: Enter Names and Addresses of at least one Member or Manager.						
Office Held	Name	Street or PO Address	City	State	Country	Postal Code
MEMBER	DAVID A DANIEL	12197 DEER FLAT RD	NAMPA	ID	USA	83686
MEMBER	HEATHER LAUER	1315 W BERRIDGE LANE	PHOENIX	AZ	USA	85013
MEMBER	KATHY LAUER	12152 DEER FLAT RD	NAMPA	ID	USA	83686
MEMBER	RONALD LAUER	12152 DEER FLAT RD	NAMPA	ID	USA	83686
MEMBER	ANGIE DANIEL	12197 DEER FLAT RD	NAMPA	ID	USA	83686
5. Organized Under the Laws of: ID W 53638		6. Annual Report must be signed.* Signature: David Daniel Name (type or print): David Daniel Date: 06/10/2014 Title: Sec/Treas				
Processed 06/10/2014		* Electronically provided signatures are accepted as original signatures.				

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