

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
IN-OFFICE REVIEW/BENEFICIAL USE FIELD REPORT

**A. GENERAL INFORMATION**Permit No: **63-34115**

Exam Date: 10/8/2020

1. Does this qualify for an in-office field exam (IDAPA 37.03.02.035.01.r)?   X   Y    N
- Irrigation of 5 acres or less
  - Storage of up to 14.6 AF for stockwater purposes only
  - Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less
  - Other <     >

2. Current Owner: Name: David Scaggs  
 Owner of Record Correct?   X   Y    N  
 Address of Record Correct?   X   Y    N  
 If No: Address

The Department's tax parcel data shows the property for the place of use is in the ownership of the Scaggs David & Sharon Living Trust 7/15/2002 Scaggs David Harmon Trustee. David Scaggs is the trustee of the trust, so there doesn't appear to be an issue with the ownership of this property.

3. Beneficial Use Fees have been paid:   X   Y    N Receipt No: C109295

**4. SOURCE****TRIBUTARY**

Ground Water

Method of Determination: GIS, Well Driller's Report, and Tax Parcel DataChange in Source:    Y   X   N**B. OVERLAP REVIEW**

1. Other water rights with the same place of use:   NO   Overlap

Water Right No.	Source	Purpose of Use	Basis
New York Irrigation District water rights	Boise River and Wastewater	Irrigation	Decrees and Licenses
United Water Idaho Also known as Suez Water Rights	Boise River and Ground Water	Municipal	Decrees and Licenses

Comments: It states in the application for permit, that the permit holder no longer has access to the New York Irrigation District Water Rights. Therefore, this water right should be considered a primary right, until New York Irrigation District water rights are accessible. The permit states that this place of use is within the borders of the Boise Kuna Irrigation District, but the application for permit states the New York Irrigation district. The water rights show that this property is within the borders of the New York Irrigation District and not Boise Kuna Irrigation District. Therefore, the conditions need to be changed to correct the canal company that could serve this property. It is assumed that the in-house use is supplied by Suez Water, since there are no other domestic wells on the property.

2. Other water rights with the same point of diversion:   NO   Overlap

Water Right No.	Source	Purpose of Use	Basis

Comments: There are no other water rights diverted from this well. Water rights 63-22417, 63-17159, and 63-4835 are listed in the same 40 acre tract, but they are associated with other properties. This well was drilled as an irrigation well, so there should not be any access from the well to the home. Water right 63-9401 shows a point of diversion for this property, but it is belongs to the neighbor to the east and across Burnett Drive.

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

Source	Govt. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.		County
Well			NW	NE	26	3N	1E	B.M.	ADA
								B.M.	
								B.M.	

Method of Determination: GIS, Well Driller's Report, and Tax Lot data.Change in POD?   X   N Amendment Required?   X   N**2. PLACE OF USE:** 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	
3N	1E	26	1.3																1.3
		Lot #																	
Total Acres =																			1.3

Method of Determination: GIS, Google Earth, and Tax Lot DataChange in POU?   X   N Amendment Required?   X   N   Delivery System Diagram Attached (required). Indicate all major components and distances between components.

Indicate weir size/pipe as applicable.

  X   Aerial Photo Attached (required for irrigation of 10+ acres).   Photo of Diversion and System Attached

4. Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
Well Pump	Unknown				

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

**D. FLOW MEASUREMENTS**

1. Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
NONE						

2. Measurements: No measurement is required for an in-house exam.

**E. FLOW CALCULATIONS**

\_\_\_Additional Computation Sheets Attached

Measured Method:

There was no information submitted with the application for permit that tells the size of the well pump. Therefore, I am required to fall back on the standard for domestic use set forth by Administrative Processing Memo #17.

**Administrative Memo #17 = 1.3 acres X 0.03 cfs = 0.039 cfs**

**Permit allowed = 0.05 cfs for 1.5 acres**

**I am recommending 0.04 cfs due to the limitation based on Administrative Memorandum #17. The permit was for additional acres, so that diversion rate is no longer reasonable.**

**F. VOLUME CALCULATIONS**

## 1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 1.3 \times 4.5 \text{ af/ac} = 5.85$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.04 \text{ cfs} \times 260 \text{ days} \times 1.9835 = 20.6 \text{ af}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 5.9 \text{ af}$$

**Please Note: Although this right is used a primary water right, it is still to be considered supplemental if the surface water can be accessed in the future. Therefore, there will be no volume on the face of the right, but there will be a WB7 condition.**

## 2. Volume Calculations for Other Uses:

N/A

**G. PURPOSE OF USE**Irrigation ☒ Y ☐ N # Stock \_\_\_\_\_ Domestic # of Homes \_\_\_\_\_

Other: &lt; &gt;

Change in Purpose of Use? ☐ Y ☐ NMethod of Determination: Taxlot data and conversations with owner.

If Yes: From Use \_\_\_\_\_ To Use \_\_\_\_\_ Amount \_\_\_\_\_ CFS \_\_\_\_\_ AFA \_\_\_\_\_

**H. NARRATIVE/REMARKS/COMMENTS**

This permit qualifies for an in-house examination. There is a single well supplying the irrigation needs in this home. There is a small putting green and two small areas on either side of the sidewalk leading north out of the back of the house that are astroturf that is not water, so it was not included in the irrigated place of use.

This area is just over ¼ (1,523 feet) west of the Basin 63 Ground Water Restricted Area and the Boise Front Ground Water management Area, so there is no need to include conditions regarding those restricted areas.

On October 8, 2020, I spoke with Mr. Skaggs by telephone about what part was irrigated. I send him a map the day before, and he informed me about the astroturf described above and about the shop and paved area he was in back of his property.

Conditions R61 will be carried forward to licensing. The remaining conditions should be removed or altered. Condition 121 will be changed to condition 103 as is standard. Conditions 065 and 105 will be changed to condition 944 as is standard. Condition WB7 will be altered to show a total volume of 5.9 acre-feet instead of what was placed on the permit.

Have conditions of permit approval been met? ☒ Yes ☐ No

**I. RECOMMENDATIONS****1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
Irrigation	03/01 to 11/15	0.04 CFS	5.9 AFA
<u>Totals:</u>		0.04 CFS	5.9 AFA

**Please Note:** Although this right is used a primary water right, it is still to be considered supplemental if the surface water can be accessed in the future. Therefore, there will be no volume on the face of the right, but there will be a WB7 condition.

**2. Recommended Amendments**

\_\_\_ Change P.D. as reflected above    \_\_\_ Add P.D. as reflected above    X None

\_\_\_ Change P.U. as reflected above    \_\_\_ Add P.U. as reflected above    X None

Other: < >

**J. AUTHENTICATION – DANIEL A. NELSON – WATER RIGHT ANALYST 3**

Field Examiner's Name  Date 10-8-20

Reviewer  Date 10/15/20

Field Exam Map:

The yellow border shows the place of use for this permit and the yellow shows the point of diversion or well. Please see the Google Earth aerial imagery below for a better view of the place of use.



The photos below show the Google Earth imagery of the place of use. The image on the left has the place of use highlighted and the image on the right shows an obstructed view of the property.





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# IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

1. WELL TAG NO. 0071675

Drilling Permit No. 977741-877798

Water right or injection well # \_\_\_\_\_

2. OWNER:

Name Dave Scaggs

Address 9408 W. Burnett Dr.

City Boise State ID Zip 83709

3. WELL LOCATION:

Twp. 3 North ☒ or South ☐ Rge. 1 East ☒ or West ☐

Sec. 26 1/4 NW 1/4 NE 1/4

Gov't Lot \_\_\_\_\_ County Ada

Lat. 43 34.474 (Deg and Decimal minutes)

Long. 116 18.007 (Deg and Decimal minutes)

Address of Well Site 9408 W. Burnett Dr.

City Boise

(Give at least name of road - Distance to Road or Landmark)

Lot. \_\_\_\_\_ Blk. \_\_\_\_\_ Sub Name \_\_\_\_\_

4. USE:

☐ Domestic ☐ Municipal ☐ Monitor ☒ Irrigation ☐ Thermal ☐ Injection

☐ Other \_\_\_\_\_

5. TYPE OF WORK:

☒ New well ☐ Replacement well ☐ Modify existing well

☐ Abandonment ☐ Other \_\_\_\_\_

6. DRILL METHOD:

☒ Air Rotary ☐ Mud Rotary ☐ Cable ☐ Other \_\_\_\_\_

7. SEALING PROCEDURES:

Seal material	From (ft)	To (ft)	Quantity (lbs or ft <sup>3</sup> )	Placement method/procedure
3/4 Bent.	0'	38'	21 bags	10" Overbore
3/4 Bent.	69'	74'	5 bags	Underreamer

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing Liner	Threaded	Welded
6"	+2	118'	.250	Steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 118'

9. PERFORATIONS/SCREENS:

Perforations ☐ Y ☒ N Method \_\_\_\_\_

Manufactured screen ☒ Y ☐ N Type Alloy

Method of installation Wash in

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
126'	136'	.020		5"	SS	

Length of Headpipe 11' Length of Tailpipe \_\_\_\_\_

Packer ☒ Y ☐ N Type K-packer

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft <sup>3</sup> )	Placement method

11. FLOWING ARTESIAN:

Flowing Artesian? ☐ Y ☒ N Artesian Pressure (PSIG) \_\_\_\_\_

Describe control device \_\_\_\_\_

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) 77' Static water level (ft) 54'

Water temp (°F) 56° Bottom hole temp. (°F) \_\_\_\_\_

Describe access port Well Cap

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)	Pump	Bailer	Air	Flowing artesian
56'	50+ GPM	45 minutes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Test method:

Water quality test or comments: Iron 1, PH 7, Hardness 12

13. LITHOLOGIC LOG and/or repairs or abandonment:

Bore Dia. (in)	From (ft)	To (ft)	Remarks, lithology or description of repairs or abandonment, water temp.	Water
				Y N
10"	0'	2'	Topsoil	
10"	2'	10'	Gravel	
10"	10'	23'	Cemented Gravel	
10"	23'	38'	Gravel and Sand	
6"	38'	69'	Gravel and Sand	
10"	69'	74'	Tan Clay	
6"	74'	77'	Tan Clay	
6"	77'	89'	Sand	X
6"	89'	101'	Sand with Clay Strips	X
6"	101'	107'	Clay	
6"	107'	115'	Coarse Sand	X
6"	115'	118'	Clay	
6"	118'	124'	Coarse Sand	X
6"	124'	136'	Sand	X

RECEIVED

FEB 08 2016

WATER RESOURCES  
WESTERN REGION

Completed Depth (Measurable): 136'

Date Started: Jan 25, 2016 Date Completed: Feb 2, 2016

14. DRILLER'S CERTIFICATION:

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name Adamsen Pump & Drilling Co. No. 457

\*Principal Driller [Signature] Date Feb 4, 2016

\*Driller Sam Navarro Date Feb 4, 2016

\*Operator II \_\_\_\_\_ Date \_\_\_\_\_

Operator I Josh Young Date Feb 4, 2016

\* Signature of Principal Driller and rig operator are required.