

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A Beneficial Use Field Report is prepared by a water right examiner as the result of an examination to clearly confirm and establish the extent of the beneficial use of water established in connection with a permit during the development period authorized by the permit and any extensions of time previously approved.

A. GENERAL INFORMATIONPermit No. 63-110421. Owner Albertsons ~~INC~~ INC.Phone No. 208-385-6200Current address 250 E Parkcenter Blvd, PO Box 20, Boise, ID 837262. Examiner's name Cody Parker & ~~Ron Russell~~ (1992)EXAM DATE 08/03/17 & 07/15/923. Accompanied by Jeremy Van Dyke

Email _____

Address _____

Relationship to permit holder Grounds Maintenance

Phone No. _____

4. Source Groundwater

tributary to _____

B. OVERLAP REVIEW

1. Other water rights with the same place of use 63-11041, 63-11040 ^{63-11040 FIRE PROTECTION USE SAME PROPERTY} ^{63-11041 DIFFERENT DWM+IRE USE SAME PROPERTY?}
2. Other water rights with the same source and point of diversion _____

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

Ident. No.	Gov't Lot	¼	¼	¼	Sec	Twp	Rge	County	Method of Determination/Remarks
			NE	SW	9	03N	01E	Ada	GPS, Aerial Imagery, Digital PLS Map

2. Place(s) of Use:

Method of determination Aerial imagery, site visit, digital PLS map

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
03N	01E	9									0.4			D					0.4
											D								

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe diameter (inside), as applicable. Use the space provided or ☐ see attached.

Scale: 1" = _____

- ☒ Copy of USGS Quadrangle attached showing location(s) of point(s) of diversion and place(s) of use (required)
☒ 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
399300	Franklin Electric	3	2823028202		

*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

2. **Measurements:** _____

Domestic => 150 employees, 24 hrs/day (3 shifts), 6 days/week

Irrigation => 250' x 70' x 1/43,560 = 0.4 acres

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

[illegible]

F. FLOW CALCULATIONS☐ Additional computation sheets attached

Measured Method:

DOMESTIC: 0-50 fixtures = 55 gpm = 0.12 cfs

IRRIGATION: 0.4 acres x 0.03 cfs/acre = 0.012 cfs (permit = 0.02)

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 0.4 \text{ acres} \times 4.5 \text{ afa/acre} = 1.8 \text{ afa}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 0.02 \text{ cfs} \times 245 \times 1.9835 = 9.7 \text{ afa}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 1.8 \text{ afa}$$

2. Volume Calculations for Other Uses:

Day Workers = 15 gpd/shift per person

$$15 \text{ gpd/person} \times 3 \text{ shifts} \times 150 \text{ employees/shift} \times 6 \text{ days/week} \times 52 \text{ weeks/year} \times 1/325,350 = 6.5 \text{ afa}$$

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion	Annual Volume
	From	To	Q (cfs)	V (afa)
Irrigation	03/15	11/15	0.01	1.8 afa
Domestic	01/01	12/31	0.12 cfs	6.5 afa
Totals:			0.13 CFS	8.3 afa

2. Recommended Amendments

☐ Change P.D. as reflected on page 1☐ Add P.D. as reflected on page 1☒ None☐ Change P.U. as reflected on page 1☐ Add P.U. as reflected on page 1☐ Other**I. AUTHENTICATION**

Field Examiner's Signature

Date

9/12/17

Reviewer

Date

9/12/17

SEAL

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NARRATIVE

Permit 63-11042 was approved on December 28, 1989 authorizing the diversion of 0.14 cfs from groundwater for irrigation and domestic use. Proof of beneficial use was submitted for this permit on February 23, 1990. On July 15, 1992 a field exam was completed but no license was ever recommended for the water right. On August 3, 2017 I (WRA Cody Parker) visited the site to GPS the well and take photos of the diversion system to complete the field report and draft a license. This narrative summarizes the information collected during both the initial field exam and the site visit.

The point of diversion is a 6" diameter, 91-ft deep well drilled in 1980 for Albertson's Sundries Center. The well casing does not have a metal tag. GPS coordinates for the well are N43°36'32.8" by W116°20'49.9". These coordinates place the well in the NESW of Section 9, T03N, R01E, in Ada County, B.M. Water is diverted from the well using a 3 hp Franklin Electric submersible pump which, according to the original application, is rated for 55 gpm. The tag located on the control box says that the pump was placed in December of 1980. According to the facility maintenance superintendent, the pump currently in use is the original. At the time of the original exam, the well supplied water to the west end of the warehouse for domestic use and provided water for irrigation of 0.4 acres. Currently, domestic water to the building is supplied by the municipal water system and approximately 1 acre are being irrigated. However, the license will reflect the use during the development period of the permit.

The east end of the warehouse building is the domestic component place of use and is located in the NESW and the SESW of Section 9, T03N, R01E, B.M. The irrigation is located in the NESW of the same TRS. Currently, water is pumped from the well at 70 psi to irrigation lines running to the north and west of the warehouse. There is approximately 1 acre of lawn and landscaping that is watered. Irrigation is controlled by a Rain Bird control box located in the guard station at the entrance to the warehouse. The box controls the timing of watering for 19 separate zones which consist of either 10-12 3-gpm pop up sprinkler heads, or 4-6 gear-driven sprinklers per zone.

There is no POD or POU overlap for this right, though a separate well associated with right 63-11041 historically supplied domestic water for the eastern part of the same warehouse building.

The previous examiner determined a diversion rate of 0.02 cfs and an annual volume of 1.8 afa for the irrigation component of the right. The diversion rate was limited by the permit rate, and the volume from the headgate requirement. The diversion rate for the domestic component was determined to be 0.12 cfs, and the volume was 6.5 afa. These values were determined from the number of fixtures in the building and the number of gallons per day used by employees throughout the year.

APPROX WELL (POD) INSIDE BASIN 63 GROUND WATER RESTRICTED AREA (AP MEMO No. 59) WHERE GROUNDWATER SHALLOWER THAN 200 FT CONSIDERED TRIBUTARY TO THE BOISE RIVER. WELL USED AS POINT OF DIVERSION (POD) TOTAL DEPTH OF 91 FT. THEREFORE, TRIBUTARY OF BOISE RIVER RECOMMENDED FOR LICENSE.

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Figure 1 The well head located directly north of the warehouse.

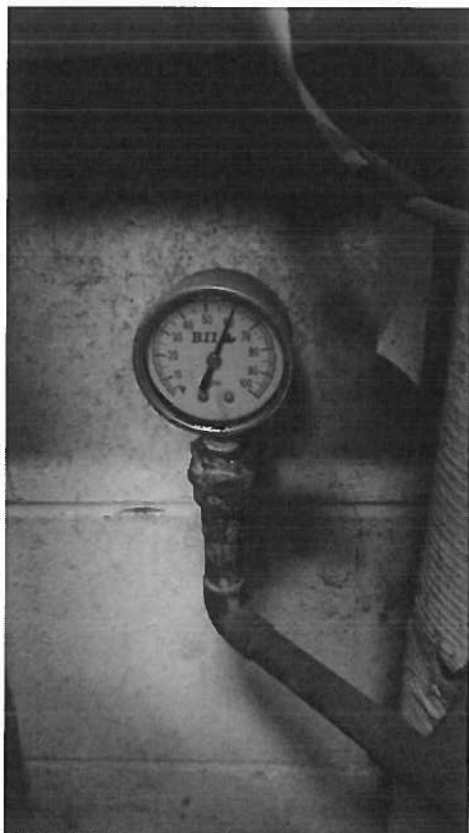


Figure 2 Pressure gauge near the well showing approximately 60 psi.

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Figure 3 The storage tanks and control box for the well located just inside the warehouse near the well.

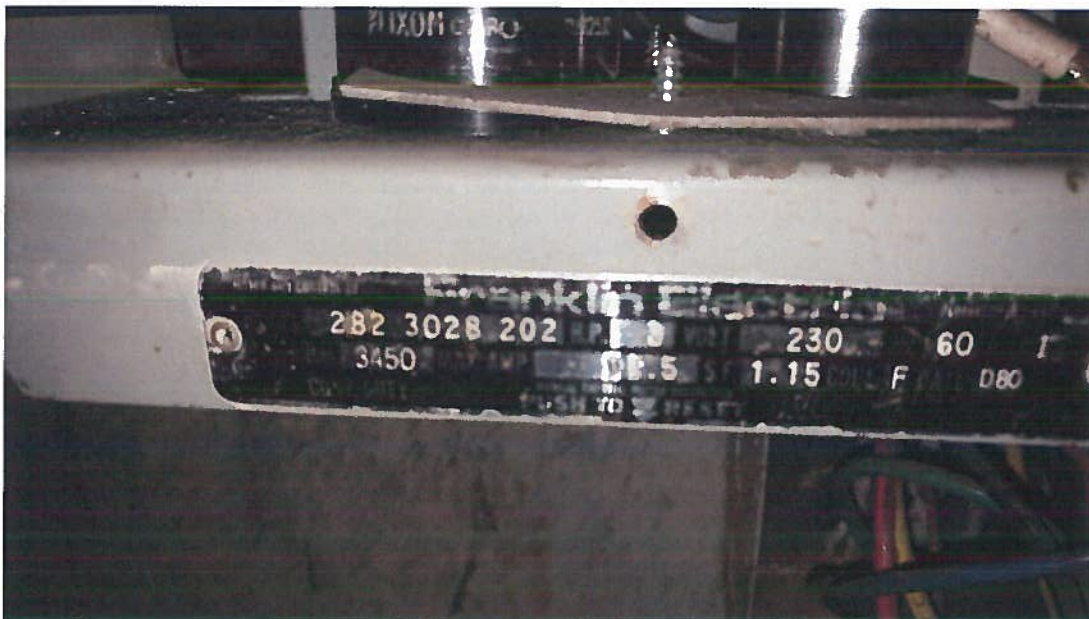


Figure 4 A tag for the 3-hp Franklin Electric submersible pump. The tag shows that the pump was installed in 1980.

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Figure 5 The Rain Bird irrigation control box located in the guard station at the entrance to the warehouse.



Figure 6 Irrigation from the well along the northern boundary of the property.

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Figure 7 Pop-up sprinklers at the western edge of the property. The flow rate for pop-up is estimated at ~ 3gpm.



PHOTO ONE-

*The 6" well on the west end
of the property.*



PHOTO TWO-

*The western end of the
property. Warehouse & lawn.*

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WELL DRILLER'S REPORT

Location Corrected by IDWR To:

T03N R01E Sec. 9 SENESW

By: mciscell 2012-12-17

State law requires that this report be filed with the Director, Department of
within 30 days after the completion or abandonment of the work.

[illegible]

USE ADDITIONAL SHEETS IF NECESSARY -- FORWARD THE WHITE COPY TO THE DEPARTMENT



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region • 2735 Airport Way • Boise, Idaho 83705-5082

Phone: (208) 334-2190 • Fax: (208) 334-2348 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

May 4, 2017

ALBERTSONS LLC
250 PARKCENTER BLVD
PO BOX 20
BOISE ID 83726

RE: Scheduling Field Exam for Water Right Permit No. 63-11042

Dear Permit Holder:

We are planning to conduct water right examinations in the vicinity of the above-referenced permit **this season**. An examination is needed to verify the water use in order to issue a water right license.

The above-referenced permit authorizes **0.14 cfs of GROUND WATER for Irrigation and Domestic uses**. **If you have developed a beneficial use and still own the place of use property, please contact me at your earliest convenience to schedule an examination.**

If you did not develop a beneficial use of water under the permit during the beneficial use period, a license cannot be issued and the permit should be relinquished. If that use was developed, but have ceased using the water and you currently carry no interest in it, please relinquish the permit by submitting the enclosed Relinquishment of Permit form (no fee required).

If you did develop a beneficial use of water under the permit, but you no longer own the place of use property identified in the permit, please submit the enclosed Assignment of Permit form with the applicable \$25 processing fee.

Please contact me within the next thirty (30) days at (208) 334-2190 to either schedule an examination or submit a relinquishment or assignment form. If you no longer own the place of use property and/or do not respond to this letter, the department will work with the current property owner to issue a license or void the permit.

Sincerely,

Cody Parker
Water Resource Agent

Enclosures: Relinquishment of Permit form
Assignment of Permit form
Water Permit Report and Map