

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 13-7389

Exam Date: 7/2/2013

1. Current Owner: P LAVELL KOLLER
BOX 66
WESTON ID 83286

2. Accompanied by:

Phone No:

Address:

Relationship to Permit Holder:

Regan Wheeler

3. SOURCE

TRIBUTARY

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 13-7735

2. Other water rights with the same point of diversion: 13-7735, 13-7734, 13-7876

C. DIVERSION AND DELIVERY SYSTEM

1. LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER

SE1/4NW1/4

Sec. 24, Twp 16S, Rge 38E, B.M.

FRANKLIN County

Method of Determination:

GPS/FE

2.

PLACE OF 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	
16S 38E 24					38.0	40.0	37.0	30.0	39.0	23.2	26.6	40.0	16.0	40.0	40.0	18.0	387.8
16S 38E 25	21.0	40.0															61.0

Total Acres: 448.8

combined place of use with 13-7735 = 516.8
ACRES

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</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>
	US Motors	200hp		Byron Jackson	

*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>

2. Measurements:

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

Measured Method:

Fuji meter of two pivots plus one 1/4 MILE
wheel line = 2315 gpm = 5.16 cfs

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 448.8 \times 3.5 = 1570.8$$

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

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 1061 \quad 2.50 \text{ cfs} \times = 1061 \text{ AF}$$

2. Volume Calculations for Other Uses:

$$\begin{aligned} & 5.16 \text{ cfs (total)} \\ - & \underline{2.66 \text{ cfs (existing water rights)}} \\ & 2.50 \text{ cfs this } \text{the} \text{ license} \end{aligned}$$

G. NARRATIVE/REMARKS/COMMENTS

well/pump to pivots and sprinklers 200 hp us motors byron jackson pump.
 fuji meter measurement of two pivots and a 1/4 mile wheel line = 2315 gpm or 5.16 cfs.
 5.16 cfs minus existing water rights 2.66 cfs = 2.5 cfs for this license.
 this right and 13-7735 overlapp place of use partially for a total of 516.8 and 4.98 cfs
 present owner LDS Church Farm

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>
IRRIGATION	04/01 to 10/31	2.500 CFS	1,061.00 AF
<u>Totals:</u>		2.500 CFS	1,061.00 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 Blake Jordan Date 5, Aug 2013
 Reviewer _____ Date _____

Point of Diversion

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[illegible]

2009 Aerial Photography



