

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 45-13400

Exam Date: 10/18/2012

1. Current Owner: CARRIE L CLAYTON
602 W HWY 30
BURLEY ID 83318
(208)678-7817

And

DOUGLAS M CLAYTON
602 W HWY 30
BURLEY ID 83318
(208)678-7817

2. Accompanied by: Douglas Clayton
Phone No: (208) 678-7817 and cell (208)431-7817
Address: 602 W Hwy 30, Burley, ID 83318
Relationship to Permit Holder: current owner

3. SOURCETRIBUTARY

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: None

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

GROUND WATER SE1/4SE1/4 Sec. 30 Twp 10S, Rge 22E, B.M. CASSIA County

Method of Determination: Garmin GPS Map 76S, and Arc Map Bing Maps Aerial and 2009 Imagery.

2.

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			<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>	
10S	22E	30																2.0	2.0

Total Acres: 2

Method of Determination: Garmin GPS Map 76S, and Arc Map Bing Maps Aerial and 2009 Imagery.

3. ☐X 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).
☐X Photo of Diversion and System Attached

4.

Well or Diversion

<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 Size</u>
A0018007	Franklin	3	2823028210	continuous duty pump	99C19, unknown discharge size (30psi)

Assuming 2 inch discharge size due to the surface line going to the hydrant with a ¼ inch nozzle attached.

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

D. FLOW MEASUREMENTS

1. Measurements:

Theoretical:

$$(8.8 \times 3\text{Hp} \times 0.7 \text{ eff}) / [360 \text{ ft lift} + (30 \text{ psi} \times 2.31)] = 0.04 \text{ cfs}$$

5-Gallon Measurement:

$$[(5 \text{ gallon} \times 60 \text{ sec}) / 8 \text{ sec}] \times 0.00223 = 0.08 \text{ cfs}$$

RECOMMEND:

Irrigation: 0.06 cfs = (0.03 cfs X 2.0 acres)

E. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (2.0 \text{ Acres Irrigated}) \times (4.0 \text{ Irrigation Requirement}) = 8.0 \text{ af}$$

$$V_{D.R.} = [0.06 \text{ Diversion Rate (cfs)}] \times (246 \text{ Days in Irrigation season}) \times 1.9835 =$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 8.0 \text{ af}$$

RECOMMEND: 8.0 af

F. NARRATIVE/REMARKS/COMMENTS

At the POD there is an 8 inch casing located in a pit (information was given to Rob Whitney due to being located in a pit), with unknown size discharge. The ID Tag A0018007, is located under the lid of the pit. A 3 Hp submersible Franklin model 2823028310 continuous duty pump 99C19.. In 2001, the pump was replaced by Johns Pump Service, and was set at 380 ft (Jerry McClure was the pump man). The well was originally drilled in 1963 for Fred Evans to 400 ft deep, and then deepened in 1987 to 420 ft deep for Claude Bryant. The static level is 360 ft. During the field examination a physical measurement of 0.08 cfs, and 30 psi was confirmed. On 10/22/2012, Jim Mai (original owner, 678-0186) stated that this well is not used for any other purposes other than for the domestic internal use (exempt), and irrigation of the 2.0 acres made up of the pasture for the horse, and the yard and landscaping surrounding the house. That there is no supplemental water that irrigates this property. From the well, there is a 2 inch hose that goes to a riser with a 1/4 inch nozzle (No. 7025RD), then on over to (2) 2 inch aluminum hand line running south to north, with (6) 1/8 inch nozzles on each line. The yard is irrigated by risers, hoses and misc. nozzles. Directions: I84 to Burley, going south on Overland, cross river, west on Hwy 30 towards Twin Falls approx. 4 miles, near mile post 251; 602 W Hwy 30 (green metal roof)

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

G. RECOMMENDATIONS

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	03/15 to 11/15	0.060 CFS	8.00 AF
<u>Totals:</u>		0.060 CFS	8.00 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

H. AUTHENTICATION

Field Examiner's Name

Sandy Hemmenway

Date

10/22/2012



stack
tank +
front
free
hydrant

POL
located
in pit

10/18/2012



8"
casing
3Hp
Franklin
Submersi
model
Z 823028
continuum
duty
pump
99 C19
Drilled
1963
400ft,
deepene
1987 to
420'
30 psi
0.08 cfs

10/18/2012

45-13400 Clayton

S. Hemenway



10/18/2012

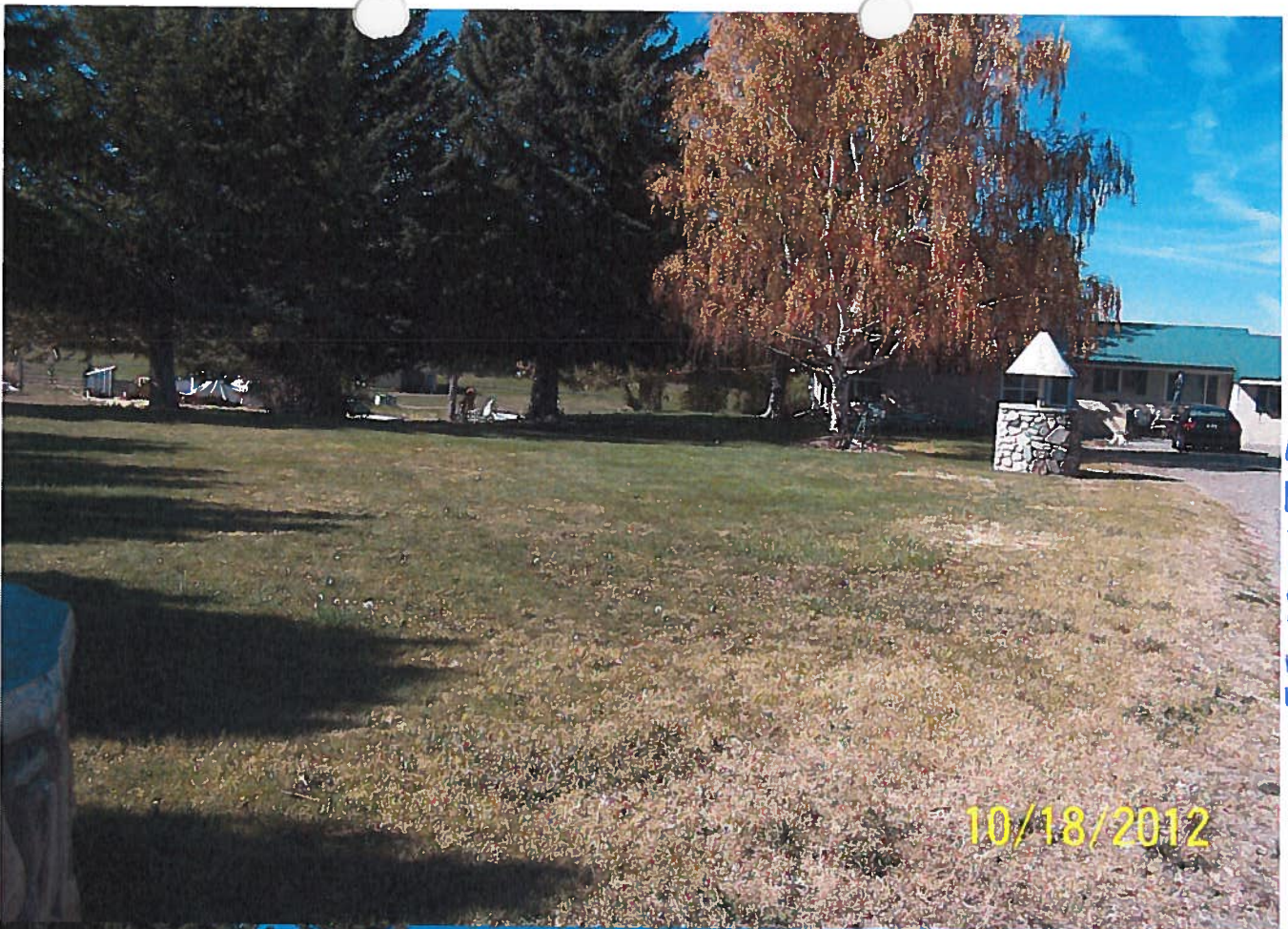


ID
tag
A00180C

10/18/2012

45-13400 Clayton

S. Hemerway



POU
yard +
land-
scaping
using
riser,
hoses +
misc.
nozzles



POU
(2) 2"
aluminum
hand-
line with
(6) 1/8"
nozzles
per line
+ a 2'
hose to
a riser
with a
1/4" nozz
that is
moved
around

45-13400 Clayton

S. Hemenway



2"
hose to
riser
with
1/4" nozzle
or to
(2) 2"
aluminum
handline

45-13400 Clayton

S. Hemerican

**IDAHO DEPARTMENT OF WATER RESOURCES
FIELD EXAMINERS
WELL INSPECTION FORM**

1. IDENTIFICATION # A0018007 (Tag #, etc.)

OTHER APPLICABLE # _____

2. OWNER Carrie L. and Douglas M. Clayton (Water right #, etc.) Douglas cell (208) 431-7817
Phone (208) 678-7817

Address 602 W. Hwy 30 City Burley

State ID Zip 83318 Email _____

3. WELL LOCATION (GPS required in Degrees Decimal Minutes – use PLS if GPS not available)

Lat. 2506993 Long. 1257642

Twp 10S Rge 22E Sec 30 $\frac{1}{4}$ SE $\frac{1}{4}$ SE

4. WELL CONSTRUCTION ☐ Well log attached ☒ Well log not found No well log available

Any obvious construction problems that may be a source for contamination or waste? ☒ Yes ☐ No

If yes, describe below &/or see attached (list any that apply): ☒ Photos ☒ Diagram ☐ Other

Well located in a pit.

5. HYDROLOGIC INFORMATION

Static water if measured 360 ft. 2001 Water temperature if measured _____ °F

Flowing artesian ☐ Yes ☒ No Pressure if measured 30 psi

NOTES _____

INSPECTED BY Judy Hemmenway DATE 10/18/2012

**720-204-3660**

M-F: 8am-5pm MST

[LIVE CHAT](#)[FAQ](#)[MY ACCOUNT](#)[LOGIN](#)[MY CART - \\$0.00](#)

product name, keyword, brand, etc.

[FIND IT](#)[Pumps](#) [Pump Controls](#) [Pump Control Boxes](#)[MORE PRODUCTS](#)

Franklin Control Box, 3HP, 230V, 1Phase

Model: 2823028310 SKU: 401499

Average Rating: n/a

[Be the first to write a review!](#)**\$372.27** Free 3 Business Day Shipping**NO LONGER AVAILABLE**

0

SPECS

ITEM	Motor and Pump Control Box
TYPE	Submersible
MOTOR/PUMP HP	3
PHASE	1
VOLTAGE	230
AMPS	17
ENCLOSURE TYPE	3R
HEIGHT (IN.)	9-5/16
WIDTH (IN.)	8
DEPTH (IN.)	5-13/16
CONTROL BOX TYPE	Deluxe CSCR
MOUNTING	Pole or Wall
ACCEPTS	Up to #2 AWG Wire
WEIGHT	7.250000
SKUS	1LZW3

DESCRIPTION

- Submersible Motor and Pump Control Boxes
- These type 3R enclosures include starting and running capacitors and have prepunched holes for pole or wall mounting, indoors or outdoors. Easy wiring, box-type terminal lugs accept up to #10 AWG wire on 1/3 to 1 HP boxes and up to #2 AWG wire on 1-1/2 to 10 HP boxes. All boxes are recommended for water systems that

utilize a pressure switch and safety relief valve.

- CSCR (Capacitor-Start, Capacitor-Run)
- Models provide greater electrical efficiency and longer pump life. Deluxe CSCR-type boxes contain a magnetic contactor.
- Note: Control boxes are for Franklin single-phase, 3-wire submersible motors and submersible well pumps driven by these motors. Not suitable for pumps with Dayton oil-filled motors or motors manufactured by a company other than Franklin. For outdoor mounting with operating temperature ranges of 14° to 122°F (-10° to 50°C). Designed for vertical upright mounting only. Do not mount in direct sunlight, high-temperature locations, damp well pits, or other humid locations.
- California Proposition 65 Warning: This product contains a product known to the State of California to cause cancer. Warning: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Motor and Pump Control Box, Submersible, Motor/Pump 3 HP, 1 Phase, 230 Voltage, 17 Amps, Enclosure Type 3R, Height (In.) 9 5/16, Width (In.) 8, Depth (In.) 5 13/16, Control Box Type Deluxe CSCR, Mounting Pole/Wall, Accepts Up to #2 AWG Wire



Dayton
Motor/Pump Control Box,
120/208/240V

Model: 2PZG3

SKU: 505168

\$679.54 FREE Shipping



Dayton

Motor/Pump Control Box,
120/208/240V

Model: 516180

\$624.52 FREE Shipping



Dayton

Motor/Pump Control Box,
208/240/460V

Model: 516846

\$563.71 FREE Shipping



Dayton

Motor/Pump Control Box,
120/208/240V

Model: 523608

CUSTOMER SERVICE

720-204-3660
Live Chat
Contact Us
Help/FAQ
Quote Request

ACCOUNT TOOLS

Login / Register
My Account
Order Status
Order History

SHIPPING & RETURNS

Shipping Policy
Cancellations / Changes
Returns

ABOUT DRILLSPOT

About Us
Testimonials
Privacy Policy
Meet the Team

SHOP WITH CONFIDENCE

TESTIMONIALS

Have no hesitations on ordering from this seller. The fan was actually broken when I received it, not due to their fault, and the customer service was awesome!! Immediately refunded my money. No hassles. This is the kind of company I love to do business with. Thank you!!

+ MORE TESTIMONIALS

FOLLOW US

0

Copyright © 2012 DrillSpot All Rights Reserved