

10/7/2003

25-10115

✓ New address is: 2021 MALIBU
I.F. 83404

Five or ~~Eight~~ HP pump, ~120' to water

Met w/ Ray Krige. Irrigation is for lawns
in area of trailers, apts, house, and campground.

P/D N 270189
E 661130

Area near highway is currently being irrigated w/ canal
water from Idaho Canal, but has also been irr. w/ well.
Send copy of claim.

A REFUGE MINISTRY

✓ c/o DAVE GRASSO ^{HWY}
2200 N YELLOWSTONE #10
I.F. 83401

System has pressure range of 30-65 psi. When
pump initially turned on installed GMR registered
20 gallons in 35.34 seconds. (34 GPM or 0.08 cfs)

$$Q = \frac{(5 \text{ HP})(8.814)(0.70)}{(2.31 \times 30 \text{ psi}) + 150'} = 0.14 \text{ cfs}$$

Water level estimated based on SWL of 4 other wells
in same QQ. SWL ranged from 145' to 155'

25-10115

24 trailer homes @ 0.6 afa	= 14.4
6 apartments (12 residents @ 160 gpd)	= 0.8
1 house @ 1.2 afa	= 1.2
57 campsites @ 100 gpd (2 persons per site)	= 6.4
3 acres @ 4 afa	= 12.0
	34.8 AFA



IDAHO DEPARTMENT OF WATER RESOURCES

SNAKE RIVER BASIN ADJUDICATION - BASIN 23-27



RIGHT ID 25 10115
POD ID 163688
Folder No. A2510115
Claim Status In Use
IDTMEAST 661134
IDTMNORTH 270192
GPSID A0011954

Diversion Description

WELL & PUMP. Pump is located in pump house near center of property.

Assumptions

Horse power, pressure head, and elevation head.

Invoice

2000-055-23-27-0

Phase-0 (No Attention)
Phase-I (Ready to Go to Field)
Phase-II (Site Visit - Data Missing)
Phase-III (Complete w/issues)

Linked

otos\25-10115-001.JPG

otos\25-10115-003.JPG

Photos

otos\25-10115-002.JPG

otos\25-10115-004.JPG

GPS Accuracy (ft)

20 Feet

Date (M/D/Y)

07-09-02

Time

14:20

Flow Rate (CFS)

0.16

Open Channel Flow

☐ Complete one box from both Area and Calculation sections

Cross Sectional Area

☐ Circular Channel

- ☐ Less than half full
☐ Half full
☐ More than half full
☐ Full

Diameter 0

Depth 0

☐ Rectangular Channel

Width 0

Depth 0

Flow Calculation

☐ Continuity

Velocity 0

☐ Orifice

(Use only for head over a pipe flowing full with free discharge)

Depth of Water above orifice centerline 0

☐ Weir

(Use only for water flowing freely over weir)

Height of water above nappe 0

Width of weir 0

☐ Manning (If used, include photo of representative channel section)

Channel Slope

Channel Description	Concrete lined	.016
	Smooth earth	.025
	Earth	.033
	Rough bed, weeds on sides	.04
	Smooth natural stream	.033
	Rough natural stream	.1

Pumped System ☒

HP 3

Pressure Head (psi) 30

Elevation Head (ft) 50

Motor Mfg

Motor Serial #

Pump Type Submersible

Pump Mfg

Pump Serial#

New Contact Information ☐

New Contact Comments

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FOLDER NO. A2510115