

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 15-7270
Exam Date: 6/18/2014

1. Current Owner: JOE ANN JENKINS TRUST
PO BOX 21
MALAD ID 83252
(208) 766 4069

2. Accompanied by: Quenton Jenkins

Phone No:

Address:

Relationship to Permit Holder:

3. SOURCE

TRIBUTARY

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: Samaria Water & Irrigation (2 shares).
2. Other water rights with the same point of diversion: None

C. DIVERSION AND DELIVERY SYSTEM

1. LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER L1 NE1/4NE1/4 Sec. 3, Twp 15S, Rge 35E, B.M.
ONEIDA County

Method of Determination: GPS and aerial photography.

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	
15S	35E	3	12.9																12.9
			L 1																

Total Acres: 12.9

Method of Determination: Aerial Photography and information provided by owner.

- 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 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>
D0045872		unknown			

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

D. FLOW MEASUREMENTS

1.

<u>Measurement Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
Portable Flowmeter	FSC	Fuji	S10A1-00Y	A0L5539T		April 2015

2. Measurements: A ten minute flowmeter reading was performed. Maximum instantaneous flow rate was 50.726 gpm or .11 cfs.

E. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method:

Measured flow = .11 cfs

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = 12.9 \text{ (Acres Irrigated)} \times 3.5 \text{ (Irrigation Requirement)} = 45.2$$

$$V_{D.R.} = .11 \text{ [Diversion Rate (cfs)]} \times 214 \text{ (Days in Irrigation season)} \times 1.9835 = 46.7$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 45.2 \text{ AF}$$

2. Volume Calculations for Other Uses: none

G. NARRATIVE/REMARKS/COMMENTS

System runs off of flowing artesian well with an unknown pump size to 12 portable sprinklers, that can be moved around the property. System can pressurize 6 birds at a time. Permit was for 18 acres and 12.9 acres were developed and irrigated by the time proof of beneficial use was due.

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	0.110 CFS	45.20 AF
<u>Totals:</u>		0.110 CFS	45.20 AF

2. Recommended Amendments

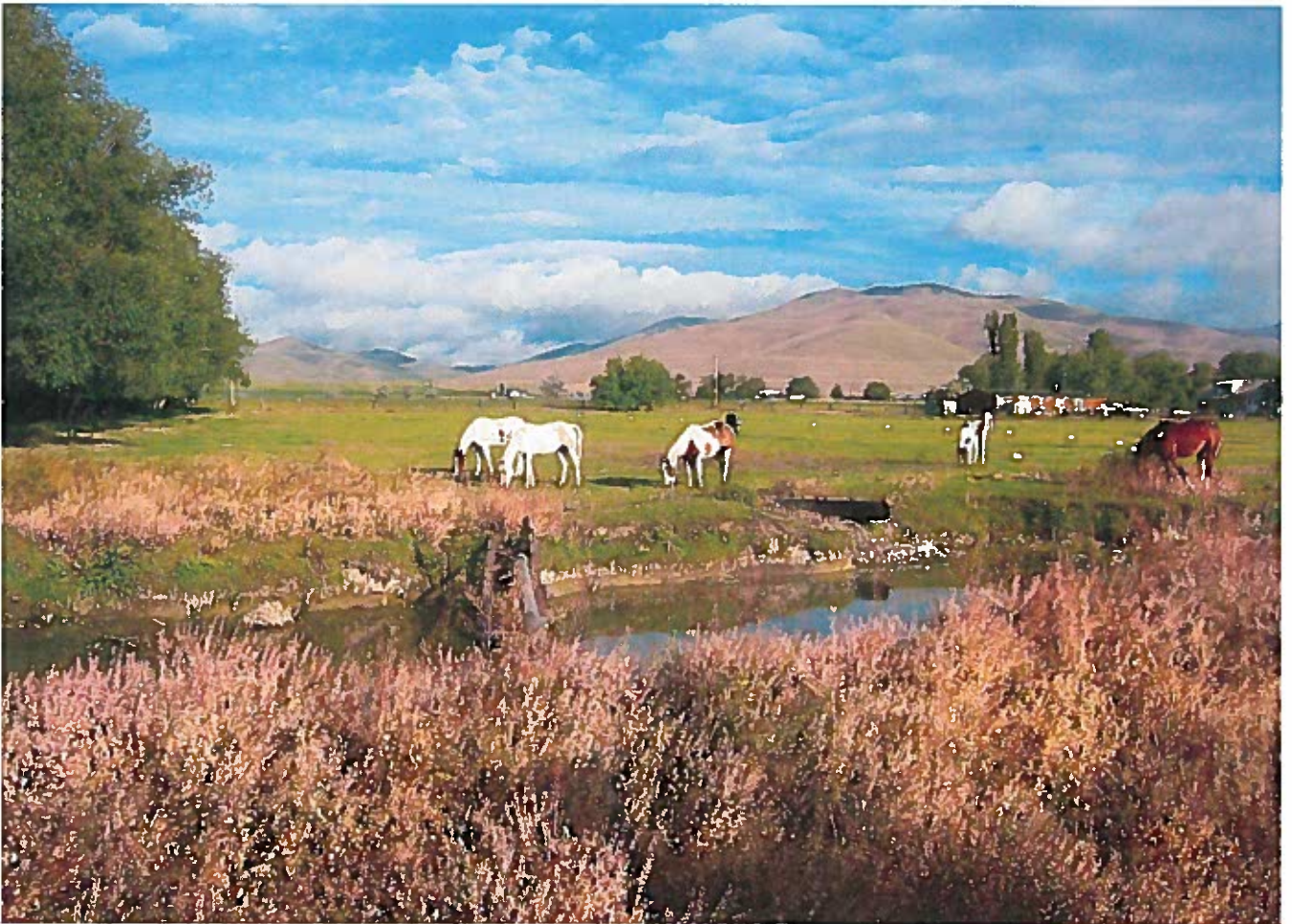
Change P.D. as reflected above Add P.D. as reflected above None

Change P.U. as reflected above Add P.U. as reflected above Other

I. AUTHENTICATION

Field Examiner's Name Scott Bergendorf Date 8/19/2015

Reviewer _____ Date _____





15-7270 'FLOW RAT '+TOTALIZER

6/18/2014 7:48	50.556	0	6/18/2014 7:55	49.996	367.4
6/18/2014 7:48	50.603	0	6/18/2014 7:55	49.977	375.6
6/18/2014 7:48	50.526	0	6/18/2014 7:56	49.919	384.3
6/18/2014 7:48	50.543	6.5	6/18/2014 7:56	49.979	392.6
6/18/2014 7:48	50.485	15.3	6/18/2014 7:56	49.899	400.8
6/18/2014 7:48	50.639	23.5	6/18/2014 7:56	50.003	409.4
6/18/2014 7:49	50.634	32	6/18/2014 7:56	49.838	417.6
6/18/2014 7:49	50.643	40.4	6/18/2014 7:56	49.972	425.7
6/18/2014 7:49	50.568	48.7	6/18/2014 7:57	49.722	434.4
6/18/2014 7:49	50.574	57.1	6/18/2014 7:57	49.923	442.5
6/18/2014 7:49	50.524	65.9	6/18/2014 7:57	49.941	450.7
6/18/2014 7:49	50.615	74.2	6/18/2014 7:57	49.896	459
6/18/2014 7:50	50.634	82.4	6/18/2014 7:57	49.85	467.5
6/18/2014 7:50	50.648	91.2	6/18/2014 7:57	49.914	475.8
6/18/2014 7:50	50.703	99.5	6/18/2014 7:58	49.898	483.9
6/18/2014 7:50	50.693	107.8	6/18/2014 7:58	49.965	492.4
6/18/2014 7:50	50.704	116.5	6/18/2014 7:58	49.909	500.7
6/18/2014 7:50	50.662	125	6/18/2014 7:58	49.969	503.9
6/18/2014 7:51	50.723	133.2	6/18/2014 7:58	49.765	503.9
6/18/2014 7:51	50.634	141.5	6/18/2014 7:58	49.935	503.9
6/18/2014 7:51	50.551	150.3	6/18/2014 7:59	49.921	503.9
6/18/2014 7:51	50.481	158.5	6/18/2014 7:59	50.003	503.9
6/18/2014 7:51	50.57	167	6/18/2014 7:59	49.946	503.9
6/18/2014 7:51	50.726	175.2			
6/18/2014 7:52	50.333	184		gal/min	gal
6/18/2014 7:52	50.341	192.2			
6/18/2014 7:52	50.335	200.4			
6/18/2014 7:52	50.308	209.1			
6/18/2014 7:52	50.354	217.4			
6/18/2014 7:52	50.316	225.6			
6/18/2014 7:53	50.195	233.9			
6/18/2014 7:53	50.321	242.5			
6/18/2014 7:53	50.375	250.9			
6/18/2014 7:53	50.135	259.1			
6/18/2014 7:53	50.13	267.7			
6/18/2014 7:53	50.099	275.9			
6/18/2014 7:54	50.129	284.1			
6/18/2014 7:54	50.211	292.8			
6/18/2014 7:54	50.031	301			
6/18/2014 7:54	50.098	309.2			
6/18/2014 7:54	49.932	317.5			
6/18/2014 7:54	50.051	326.1			
6/18/2014 7:55	49.981	334.3			
6/18/2014 7:55	50.075	342.5			
6/18/2014 7:55	49.876	351.1			
6/18/2014 7:55	50.009	359.3			



Water Right License 15-7270

Idaho Department of Water Resources
Prepared by Scott Bergendorf
2013 Aerial photography

Onieda County
IDWR Basin 15

