

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 15-7240

Exam Date: 7/30/2014

1. Current Owner: MIKE ASAY
1850 N 5600 W
MALAD CITY ID 83252
(208) 201-2304

BILL ASAY
1850 N 5600 W
MALAD ID 83252
(208)766-4117

2. Accompanied by:

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:
2. Other water rights with the same point of diversion:

C. DIVERSION AND DELIVERY SYSTEM**1. LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER NE1/4NW1/4 Sec. 15, Twp 14S, Rge 35E, B.M.

ONEIDA County

GROUND WATER NE1/4NW1/4 Sec. 15, Twp 14S, Rge 35E, B.M.

ONEIDA County

Method of Determination:

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	
14S	35E	15	40.0	40.0			30.2	2.7	36.1	40.0	40.0	28.1							257.1

Total Acres: 257.1

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 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>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

<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>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

*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>
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

2. Measurements:

E. FLOW CALCULATIONS

Measured Method:

_____ Additional Computation Sheets Attached

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

2. Volume Calculations for Other Uses:

G. NARRATIVE/REMARKS/COMMENTS

There are two PODs associated with this right, an eastern well and a western well, both in the same QQ. The western well was originally associated with water right 15-2051, and demonstrated a discharge of 1.04 cfs during that licenses examination. The eastern well was found to have a discharge of 210.32 gpm during this examination.

The PODs are both 40 hp submersed pumps.

The POU is covered by three and 11/12 shares of St John Irrigation water. One share is 200 inches for 96 hours.

POU system consists of two handlines and six wheel lines, all 1/4 mile in length. Typically one line runs at a time.

Mike Asay remains an owner. The other owner listed on the permit, Bill Asay, sold his interest in the water right to Quincy Asay.

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	1.510 CFS	640.90 AF
<u>Totals:</u>		1.510 CFS	640.90 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 _____ Date _____

Reviewer _____ Date _____

Asay East Pump

	4 'VELOCITY	'FLOW RATE	'+TOTALIZER
	ft/s	gal/min	gal
5/20/2014 12:59	2.328	201.9284	0
5/20/2014 12:59	2.386	206.9509	33.114
5/20/2014 12:59	2.374	205.9496	66.111
5/20/2014 12:59	2.325	201.6899	100.797
5/20/2014 12:59	2.347	203.6099	134.95
5/20/2014 12:59	2.346	203.472	169.633
5/20/2014 13:00	2.4	208.159	202.585
5/20/2014 13:00	2.362	204.8751	237.561
5/20/2014 13:00	2.354	204.1951	271.473
5/20/2014 13:00	2.331	202.2011	305.767
5/20/2014 13:00	2.356	204.4022	339.453
5/20/2014 13:00	2.373	205.8522	372.369
5/20/2014 13:01	2.357	204.4906	407.412
5/20/2014 13:01	2.405	208.6039	442.312
5/20/2014 13:01	2.373	205.8162	475.354
5/20/2014 13:01	2.362	204.8543	509.69
5/20/2014 13:01	2.358	204.5656	544.337
5/20/2014 13:01	2.362	204.9119	578.304
5/20/2014 13:02	2.362	204.8548	612.982
5/20/2014 13:02	2.36	204.7072	645.39
5/20/2014 13:02	2.338	202.8252	679.954
5/20/2014 13:02	2.354	204.1911	714.029
5/20/2014 13:02	2.351	203.967	748.707
5/20/2014 13:02	2.385	206.9152	783.006
5/20/2014 13:03	2.345	203.3783	817.002
5/20/2014 13:03	2.349	203.7537	851.053
5/20/2014 13:03	2.346	203.4869	885.128
5/20/2014 13:03	2.371	205.6614	919.156
5/20/2014 13:03	2.375	206.0541	953.428
5/20/2014 13:03	2.351	203.9084	987.825
5/20/2014 13:04	2.319	201.1447	1021.878
5/20/2014 13:04	2.308	200.2032	1055.742
5/20/2014 13:04	2.341	203.0865	1089.527
5/20/2014 13:04	2.35	203.8621	1123.349
5/20/2014 13:04	2.384	206.7633	1157.641
5/20/2014 13:04	2.337	202.6866	1191.875
5/20/2014 13:05	2.356	204.3772	1224.341
5/20/2014 13:05	2.371	205.6886	1258.358
5/20/2014 13:05	2.355	204.2636	1292.688
5/20/2014 13:05	2.37	205.5603	1326.913
5/20/2014 13:05	2.374	205.9271	1361.379
5/20/2014 13:05	2.396	207.8172	1395.782
5/20/2014 13:06	2.385	206.8571	1430.651
5/20/2014 13:06	2.399	208.1167	1465.39

5/20/2014 13:06	2.368	205.4105	1500.672
5/20/2014 13:06	2.358	204.5443	1533.686
5/20/2014 13:06	2.361	204.8252	1567.844
5/20/2014 13:06	2.357	204.434	1602.621
5/20/2014 13:07	2.387	207.0764	1636.807
5/20/2014 13:07	2.425	210.3168	1670.916
5/20/2014 13:07	2.333	202.3438	1705.328
5/20/2014 13:07	2.395	207.7386	1740.236
5/20/2014 13:07	2.385	206.8975	1774.727
5/20/2014 13:07	2.374	205.8852	1809.714
5/20/2014 13:08	2.365	205.1279	1842.495
5/20/2014 13:08	2.363	205.0129	1877.306
5/20/2014 13:08	2.386	206.9751	1911.608
5/20/2014 13:08	2.373	205.8554	1946.859
5/20/2014 13:08	2.381	206.4959	1979.751
5/20/2014 13:08	2.382	206.5942	2014.396
5/20/2014 13:09	2.357	204.4663	2049.616

- 2 PODs both 40 hp submersible pumps.

East POD: $42^{\circ} 12' 44.6''$
 $112^{\circ} 21' 22.5''$

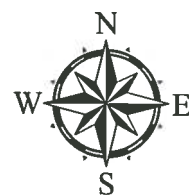
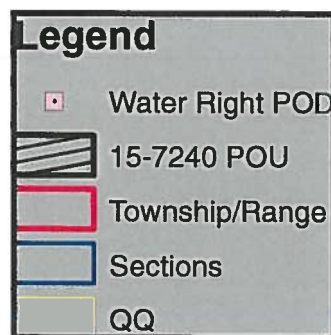
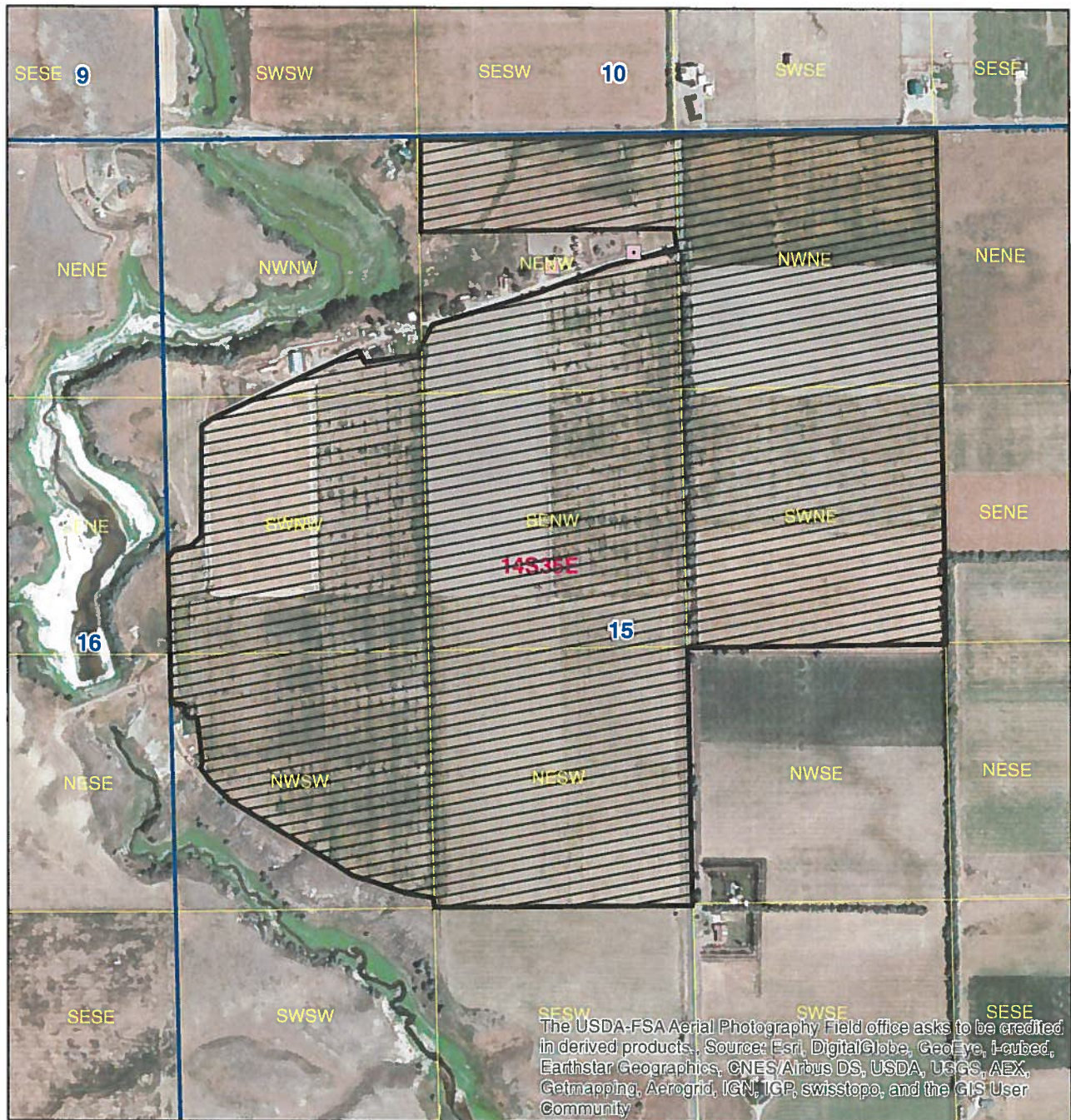
West POD: $42^{\circ} 12' 43.8''$
 $112^{\circ} 21' 25.4''$

- POU covered by shares from St. John Irrigation

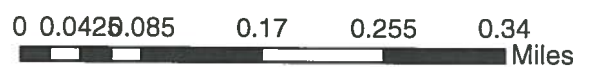
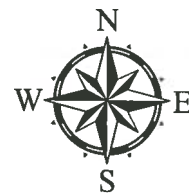
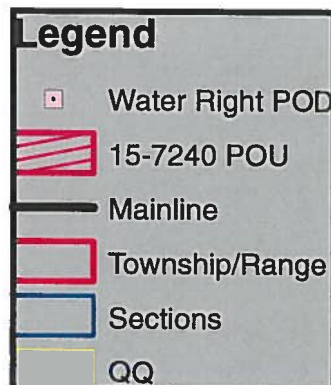
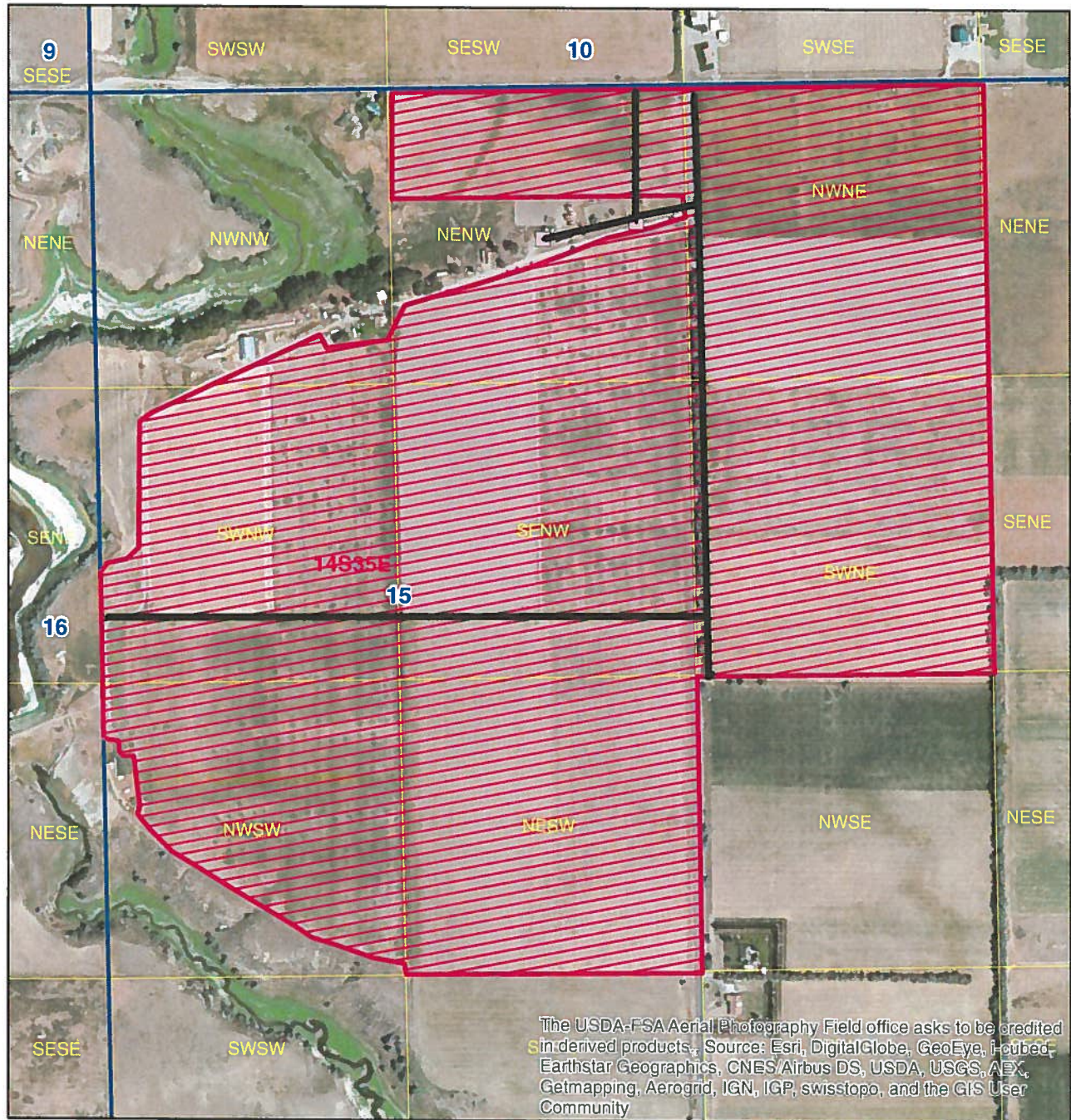
$3\frac{1}{2}$ shares: 1 share is 200 inches for 96 hrs.

- POU System consists of 2 handlines & 6 wheel lines. All $\frac{1}{4}$ mile in length
 - Max system capacity: One handline (20 birds, 5 gpm/nozzle), one wheel line (40 birds, 5 gpm/nozzle).
 - Typically runs one line at a time.

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15-7240 Mainline Location





West POD



East POD

12/11/2014

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IDAHO DEPARTMENT OF WATER RESOURCES

12/11/2014

Proof Report

- the surface water supply is not available or the surface water supply is not reasonably sufficient to irrigate the place of use authorized under this right.
5. 104 If the surface water right(s) appurtenant to the place of use is sold, transferred, leased or used on any other place of use, this right to divert groundwater shall not be used without an approved transfer pursuant to Section 42-222, Idaho Code, or approval of the Department if a transfer is not required.
6. R63 This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 3.5 afa per acre at the field headgate for irrigation of the lands above.

Comments:

1. dgibson 6/9/2005 Extension of Time
Request for extension of time filed late, granted extending proof deadline to 5/1/2006 based on due diligence. Permit reinstated with the priority advanced to 2/8/2003.

Dates and Other Information

Permit Proof Due Date: 5/1/2006
Permit Proof Made Date: 3/7/2006
Permit Approved Date: 4/25/2003
Field Exam Date: 7/30/2014
Generic Max Rate Per Acre: 0.020
Generic Max Volume Per Acre: 3.5
Mitigation Plan: False

Combined Use Limits

N/A

Verification Log

SubCase:

N/A

Water Supply Bank:

N/A