

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 15-7147

Exam Date: 7/7/2015

1. Current Owner: JON L VANDERWOOD
69 BUSH AVE
MALAD CITY ID 83252
(208)776-5591
2. Accompanied by: Scott Murray
Phone No: 831-383-9966
Address: 1755 N 1700 W Malad, ID 83252 or 17570 Foothill Circle, Salinas, CA 93968
Relationship to Permit Holder: Current owner of the property

3. SOURCE

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 10 Shares Malad Valley Irrigation. Ground water right 15-4195.
On Application 15-7147, Vanderwood stated that there was an old well that had been used to irrigate the property. This well and some of the acres were described in statutory claim 15-4195. Application 15-7147 was filed to allow for a new well and additional acres. Old well was converted into stockwater well in the 1990s. Combined limit needed to account for water right overlap.
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 SW1/4NE1/4 Sec. 17, Twp 14S, Rge 36E, B.M. ONEIDA County

Method of Determination: GPS and site visit.

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	36E	17		26.0	17.0	33.0									14.0				90.0

Total Acres: 90

Method of Determination: Aerial photography and site visit

D. FLOW MEASUREMENTS

No physical measurement possible. Electrical panel was damaged and system was not operating in 2015.

E. FLOW CALCULATIONS

Diversion rate calculated using sprinkler count method:

System runs 2 wheel lines (64 sprinklers) at 65 PSI. 65 psi = 5.87 gpm/sprinkler X 64 = 375.7 gpm = 0.84 cfs.

F. VOLUME CALCULATIONS

Volume Calculations for Irrigation:

$$V_{I.R.} = 90(\text{Acres Irrigated}) \times 3.5 (\text{Irrigation Requirement}) = 315 \text{ AF}$$

$$V_{D.R.} = .84 [\text{Diversion Rate (cfs)}] \times 214 (\text{Days in Irrigation season}) \times 1.9835 = 356 \text{ AF}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 315 \text{ AF}$$

G. NARRATIVE/REMARKS/COMMENTS

System runs off of a 100 HP pump. The electrical component of the pump no longer works and the owner has stated that he doesn't have any plans to repair the system. Measurement based off sprinkler count and pressure reading. Permit was issued for 132 acres and 90 acres are developed for irrigation. Property was purchased by Scott Murray. He will apply for a change of ownership after the permit is licensed.

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	0.840 CFS	315.00 AF
<u>Totals:</u>		0.840 CFS	315.00 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 Scott Bergendorf Date 1/26/2016

Reviewer _____ Date _____

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

CLAIM TO A WATER RIGHT



Under the provisions of Section 42-243, Idaho Code, any person using or claiming rights to the public waters of Idaho established by diversion and application to a beneficial use must file a claim with the Department of Water Resources on or before June 30, 1983. Exempted from this filing are single family domestic uses as defined in Section 42-230(d), Idaho Code. Also exempted are rights represented by a permit, license, decree, adjudicated right, or a previously filed claim.

The filing of this claim does not confirm the water right claimed but failure to file may result in forfeiture of a water right.

Notice is hereby given that Marcus M. Jones

(Name of Claimant)

P.O. Box 5572, Pocatello, ID 83202

(Mailing Address)

Telephone No. 234-4006

(Zip Code)

claims a right to the diversion and beneficial use of the surface or ground water. The extent and nature of said claim is as follows:

- (1) Date of priority: (When was the water first applied to a beneficial use) April 1, 1953

A claim is not acceptable on a ground water source with a priority later than March 25, 1963 or on a surface water source with a priority later than May 20, 1971. An exception is that a claim may be filed on single family domestic use from a ground water source.

- (2) Describe the source of water: (Name of stream, lake, spring, etc., or ground water)

Groundwater tributary to _____

- (3) Describe the purpose for which the water has been used and the time during the year when you have used the right claimed:

Quantity	(cfs, af)	Use	(Domestic, Irrigation, Stock, Etc.)	(Both dates inclusive)	
				(Mo., Day)	(Mo., Day)
Quantity <u>1.42 cfs</u>	Use <u>Irrigation</u>	Period of Use From <u>4/1</u>	To <u>11/1</u>		
Quantity _____	Use _____	Period of Use From _____	To _____		
Quantity _____	Use _____	Period of Use From _____	To _____		
Quantity _____	Use _____	Period of Use From _____	To _____		
Quantity _____	Use _____	Period of Use From _____	To _____		

- (4) 1.42 cfs TOTAL QUANTITY USED.
(cfs, af)

- (5) A) Point of diversion: (Location of point where water is diverted from its source)

NE1/4 SE 1/4 NE 1/4, Sec. 17 Twp. 14S Rge. 36E B.M., County of Oneida

Additional points of diversion: _____

B) Describe means of diversion of water: (Pump and pipeline, well, diversion dam, reservoir, length of ditch and field, etc.). Give sizes and capacities: be as specific as possible. Describe any changes in the system and give the date of the change. 280' well with 12 hp pump to open discharge into irrigation canal/ditches for flood irrigation.

- (6) A) Describe location of use by listing number of irrigated acres within each 40-acre tract in appropriate box. If use is not for irrigation, place an "X" in appropriate box to show location.

T	R	SEC.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				TOTAL
			NEX	NWX	SWX	SEX	NEX	NWX	SWX	SEX	NEX	NWX	SWX	SEX	NEX	NWX	SWX	SEX	
14S	36E	17			3	32									36				71
					26	17	33								14				90
					26	17	33								36				112

No. of acres 71

- B) If water is used for other than irrigation, fully describe that use, being as specific as possible: none

NOTE: Include here the type and number of stock watered:

- (7) If you are claiming water as a member of an organization, list name of organization: _____

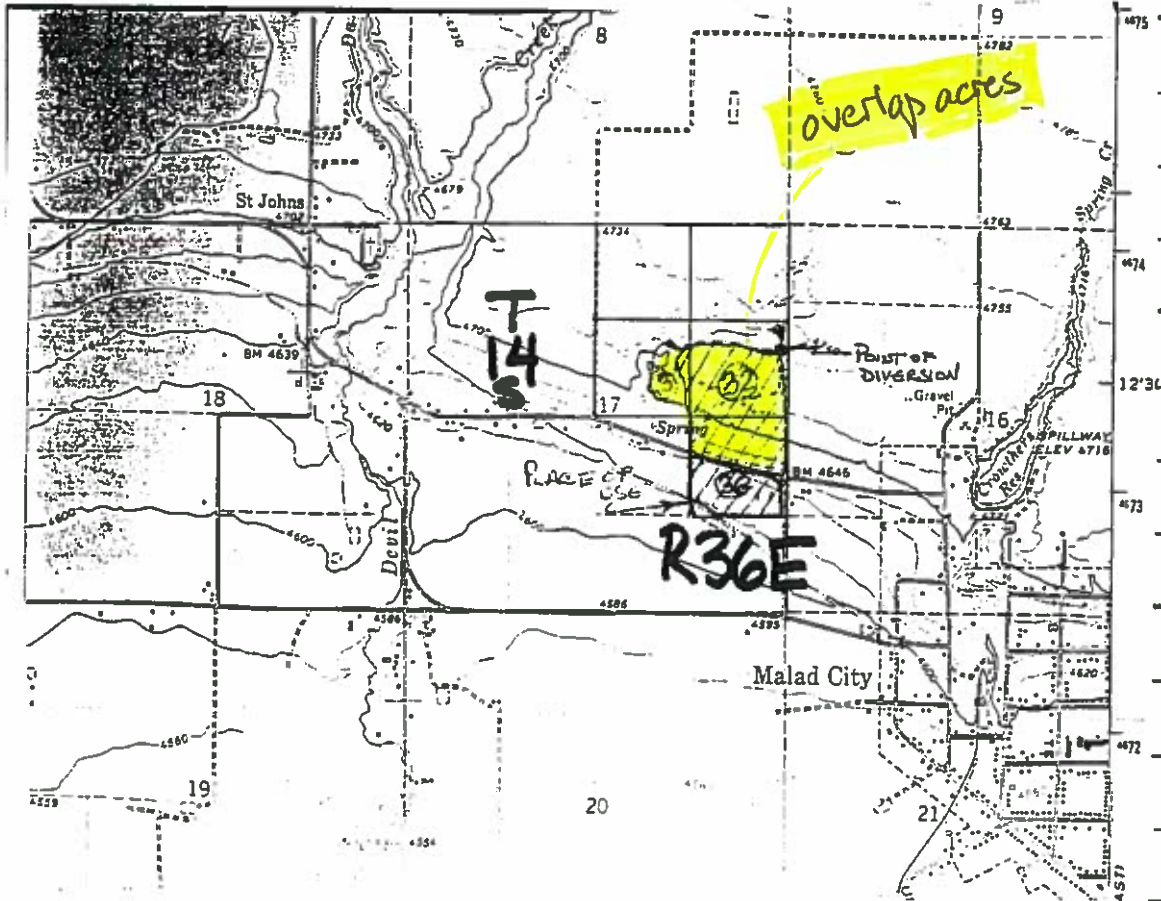
SEP 20 1988

SEP 20 1988

15-7147

15-4195 &
15-7147
Combined

(B) Remarks _____



Scale: 2 inches equal 1 mile.

Map should show the location of the point of diversion and the place of use of the water by 40-acre subdivisions, section, township and range of the public land survey system.

State of Idaho)
County of Bonneville) ss.

Be it known that the undersigned, being duly sworn, deposes and says that he, she, they subscribed the foregoing claim to a water right, together with all attached information, and that the matters and facts therein are true to the best of the affiant's knowledge.

Sworn to before me this 15th day of June, 1988.
(Claimant)

Donna Green
Notary Public
Residing at Ridgely, MO

My commission expires 4-22-1994

SEP 11 1988

Act By ESR

FOR DEPARTMENT USE ONLY

Received by da Date 6-15-88 Exception filed by: _____ Date _____
Prelim. check by da Date 6-17-88 Forwarded to: _____ Date _____
\$200.00 fee received by da Date 6-15-88 # E000401 claimant by: _____
Published in ID Enterprise _____
Dates 7-7 + 7-14-88 _____

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORTUse Typewriter
or
Ball Point Pen

63224

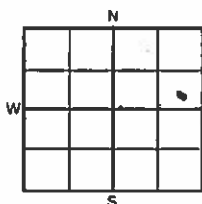
1. DRILLING PERMIT NO. 15-95-E-0017-000
Other IDWR No. 15-07147

2. OWNER:

Name John L. Vanderwood
Address 69 BUSH AVE.
City Malad State Id Zip 83252

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

T. 14S North ☐ or South ☐
E. 36E East ☐ or West ☐
Sec. 17 1/4 SE 1/4 NE 1/4 1/4
Gov't Lot _____ County Oneida

Address of Well Site

1 1/2 W. Out of Malad
toward St-Johns. 800ft to North of Hwy.
(Give at least Direction + Distance to Road or Landmark)

Lot No. _____ Block No. _____ Subd. Name _____

4. PROPOSED USE:

☐ Domestic ☐ Municipal ☐ Monitor ☒ Irrigation
☐ Thermal ☐ Injection ☐ Other _____

5. TYPE OF WORK

☒ New Well ☐ Modify or Repair ☐ Replacement ☐ Abandonment

6. DRILL METHOD

☐ Mud Rotary ☐ Air Rotary ☒ Cable ☐ Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK			AMOUNT		METHOD
Material	From	To	Sacks or Pounds		
4 Bag Bentonite	0	10	4		

Was drive shoe seal tested? Y ☐ NO ☐ How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Casting	Liner	Steel	Plastic	Welded	Threaded
12	0	443	3 1/2	11		☒	☐	☒	☐
						☐	☐	☐	☐
						☐	☐	☐	☐

Final location of shoes 443

Top Packer or Headpipe _____ Bottom Tailpipe _____

9. PERFORATIONS/SCREENS

☒ Perforations☐ ScreensMethod Mill Knife

Type _____ Material _____

From	To	Slot Size	Number	Diameter	Tel/Pipe Size	Casting	Liner
250	270	4x3"	40			☐	☐
275	290	4x3"	50			☐	☐
314	325	4x3"	40			☐	☐
330	350	4x3"	50			☐	☐
385	395	4x3"	55				
430	439	1/4"x3"	40				

10. WELL TESTS:

☐ Pump ☒ Bailer ☐ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Depth	Time
10 BAILER LOADS	255	255	
DECEIVED			

Temperature of water _____ Was a water analysis done? Yes ☐ No ☒

By whom? _____

Water Quality (odor, etc.) OCT 03 1995

Bottom Hole Temperature _____

Department of Water Resources

11. STATIC WATER LEVEL

255 ft. below surface Depth artesian flow found 255Artesian pressure _____ lb. Describe access point NOV 27 1995

Describe Controlling Devices: _____

Department of Water Resources

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	GPM	SWL
14	0	10	Brown Clay		
14	10	35	White Clay		
"	35	55	Blue Clay, Sand		
"	55	65	Gray Clay		
"	65	94	Gray clay		
"	94	130	Gray clay, Blue clay		
"	130	178	Hard clay, gravel		
"	178	200	Clay + gravel		
"	200	240	Blue clay + gravel		
"	240	255	Hard clay + gravel		
"	255	276	gravel Water		☒
"	276	290	58ft clay + Big gravel		☒
"	290	315	Hard clay + gravel		
"	315	320	gravel + water		☒
"	320	330	Clay + gravel		
"	330	355	gravel & clay		☒
"	355	380	Hard clay + gravel		
"	380	400	gravel + water		☒
"	400	408	gravel + little sand		
"	408	414	Hard gravel + clay		
"	414	437	Sticky white clay		
"	437	441	gravel + water		☒
"	441	447	Hard Clay + gravel		
MAR 07 1996					
Date: Started <u>8-30-95</u> Completed <u>9-29-95</u>					

13. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name American Well Drilling Firm No. 538Firm Official LAVell Losee Date 9-29-95

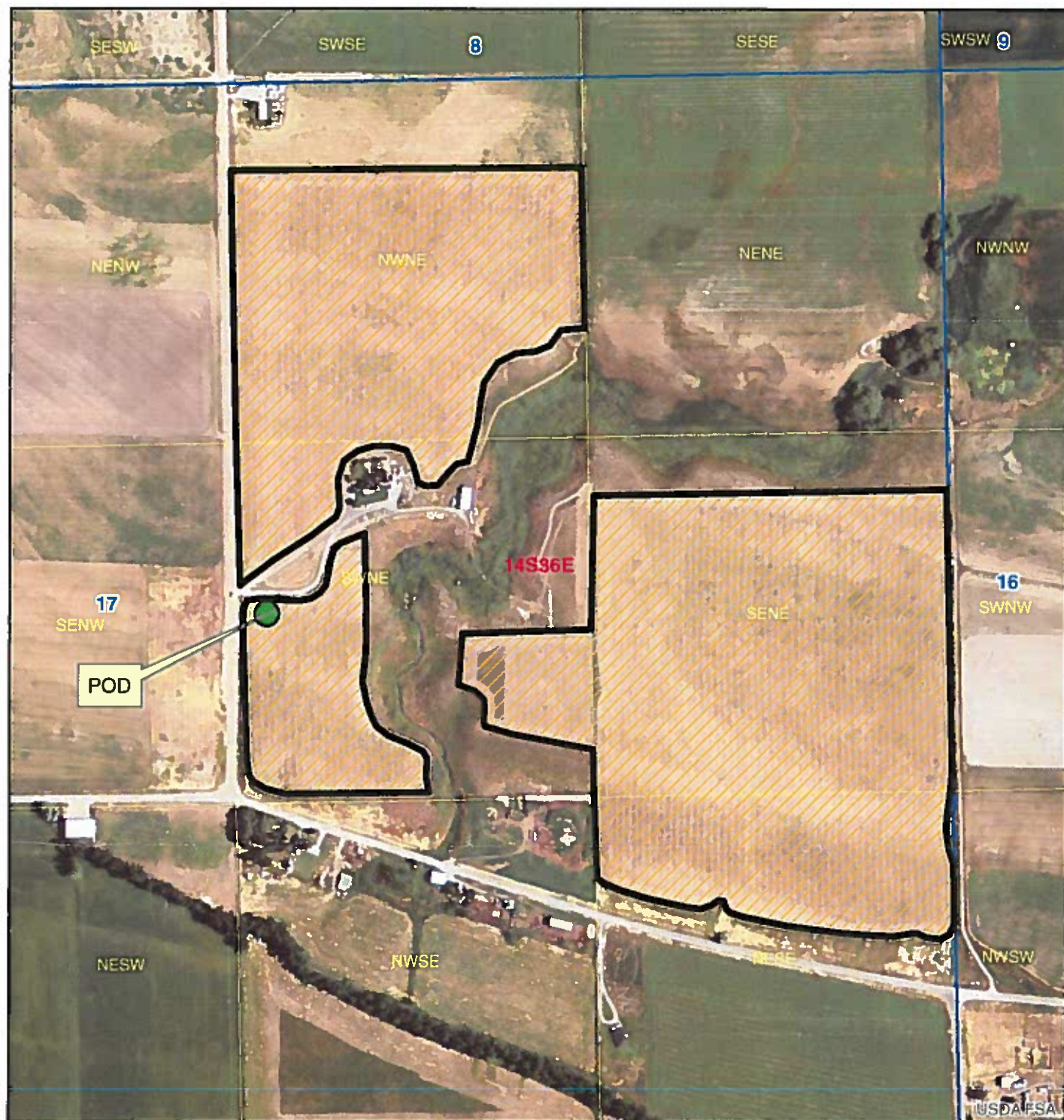
and _____

Supervisor or Operator _____ Date _____

(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

Water Right License 15-7147



0 400 800 1,600 Feet

- POU
- Township/Range
- Sections
- QQ

