

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 15-7298

Exam Dates: 9/18/2024

Accompanied by: John Williams

1. Current Owner:

JOHN J WILLIAMS
858 Fairview Dr.
Henderson, NV 89015

2. **SOURCE:** Ground Water

B. OVERLAP REVIEW

1. Place of Use: The land is also watered by surface water shares in Malad Valley Irrigation Company associated with rights 15-4207, 15-4203, 29-13103, and 15-7167.

2. Point of Diversion: The sole well used for permit 15-7298 does not provide water to other water rights.

C. DIVERSION AND DELIVERY SYSTEM

Currently, the well delivers water through a mainline to three small pivots, and several sets of wheel line. The system is interconnected with surface water pumped from Devil Creek.

1. **POINT OF DIVERSION:**

GROUND WATER NE¼ SE¼, Sec. 26, Twp 13S, Rge 36E, B.M. ONEIDA County

Method of Determination: Site inspection (GPS)

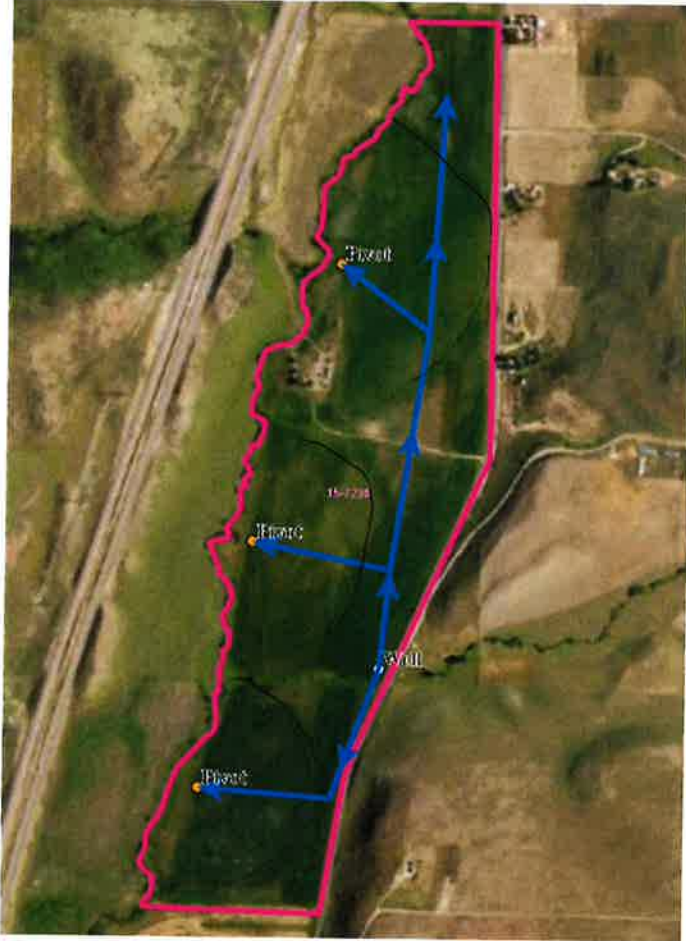
2. PLACE OF USE: IRRIGATION

Twp	Rng	Sec	NE				NW				SW				SE				Total s
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
13S	36E	26	25		2	35									30	10	13	16	131

Right Acre Limit:

Total Acres: 131.0

Method of Determination: Site inspection. Aerial imagery.

DELIVERY SYSTEM:

The well delivers water to three pivots and several sets of wheel lines. The operator typically runs only one or two pivots at a time.

4. SYSTEM SPECIFICATIONS:

Well ID: D0099115

Pump: Submersible

Motor:

D. FLOW MEASUREMENTS



E. FLOW CALCULATIONS

N/A, flow measured at the site visit

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 131 \text{ acres} \times 3.5 \text{ af/acre} = 458.5 \text{ af.}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 1.33 \times 214 \times 1.9835 = 564 \text{ af.}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \mathbf{458.5 \text{ af.}}$$

G. NARRATIVE/REMARKS/COMMENTS

Although the permit was amended to include three authorized points of diversion, these wells were never developed for the irrigation system. IDWR received a drillers report for well D0099115 On 8/21/23, before proof was submitted on 12/19/23.



Pressure Gage



Well and mainline setup.



Have conditions of permit approval been met? X Yes No

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use	Rate of Diversion	Annual Volume
IRRIGATION	04/01 to 10/31	1.33 CFS	458.5 AF

Totals: 1.33 CFS 458.5 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 ☒ None

I. **AUTHENTICATION** Christian Stewart, IDWR Water Resource Agent

Field Examiner's Signature Christian J Stewart Date 09/27/24