

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 32-7253

Exam Date: 6/13/2012

1. Current Owner: LEWIS LA VAR NEWMAN
2943 N 800 E
MONTEVIEW ID 83435
(208)657-2366

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: 32-7116, 32-13211
2. Other water rights with the same point of diversion: 32-7116

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

GROUND WATER	SE1/4SE1/4	Sec. 31, Twp 12N, Rge 29E, B.M.
LEMHI County		
GROUND WATER	SE1/4NW1/4	Sec. 31, Twp 12N, Rge 29E, B.M.
LEMHI County		

Method of Determination: Aerial PHOTOS

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	
11N	29E	5					44.0	25.0		5.3									74.3
							L 3	L 4											
11N	29E	6	3.6																3.6
			L 1																
12N	29E	31					40.0			40.0	18.0				40.0	39.0	11.0	36.0	224.0
12N	29E	32											40.0						40.0

Total Acres: 341.9

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

*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:

SEE FIELD EXAM FOR 32-7116

E. FLOW CALCULATIONS☐ Additional Computation Sheets Attached

Measured Method:

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 3.5 \times 341.9 = 1198.7$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 1.35 \times 1.9835 \times 184 = 492$$

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

2. Volume Calculations for Other Uses:

G. NARRATIVE/REMARKS/COMMENTS

two wells to sprinklers. the right is for additional cfs found on licensing exam for 32-7116.
additional af/a also because 32-7116 was issued for 3 af/a, now the standard would be 3.5af/a.

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	05/01 to 10/31	1.350 CFS	492.00 AF
<u>Totals:</u>		1.350 CFS	492.00 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 DAVE CARLSON Date 6/20/2012

Reviewer James Cefalo Date 8/8/2012

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
LICENSING REPORT

RECEIVED

MAR 12 1988

32-7116
Permit No.

1. Measurement Calculations

Department of Water Resources

a) Field Measurement Calculations (Include theoretical capacities and system capacity)

$$Q = 3.85 (i.d.)^2 \sqrt{V} (K)$$

$$i.d. = 9.75"$$

$$V = 28.5$$

$$K = 1.0 \text{ for manometer}$$

$$Q = 3.85 (9.75)^2 \sqrt{28.5} = 1953.8 \text{ gpm} = 4.35 \text{ cfs}$$

$$0.02 \text{ cfs/acre} \times 350 \text{ ac} = 7.0 \text{ cfs}$$

However, permit limited to 3.00 cfs

b) Volume Calculations for Irrigation:

$$V_{ir} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 350 \times 3.0 = 1,050$$

$$V_{da} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 3.0 \times 74 \times 1.9835 = 1273.4$$

$$V = \text{Smaller of } V_{ir} \text{ and } V_{da} = 1050 \text{ ac-ft}$$

c) Volume Calculations for Other Uses:

2. Overlap Review

a) Other water rights with same place of use: 32-0098; 32-0099

b) Other water rights with same point of diversion: N/A

c) Analysis: R 29

MICROFILMED

MAR 21 1990

MAR 12 1966

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

Department of Water Resources
Permit No. 32-7116
Phone No. 657-2252

1. Owner: LaVar Newman Permit No. 0-1778
Current Address: HC 63 Box 2140 Montevideo Ia Phone No. 657-2252
2. Accompanied by: LaVar Newman EXAM. DATE: 11 July 1984
Address: _____ Phone No. _____
Relationship to Permit Holder: _____
3. Source: Groundwater tributary to _____

Well/Diversion* No.	Motor Make	HP	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	GE	150	EJ507137	Johnston	10"

*Code with points of diversion, system diagram & photos on reverse side. Disregard if only one.

5. System Description (As operating at time of measurement. Indicate pressure, number of sprinklers, etc.)
well, pump mainline to hand lines with sprinklers

Approx 13 - 1/4 mile line.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Flow Meter Station	Annular	Dover	7517-316-SS	191147	10.02"	
Manometer						

7. Measurements $36.9 - 8.4 = 28.5$ ☐ Additional data/computation sheets attached

Pumping 61'3" level 1953.6 gpm

11 7/8 - 2 1/8 = 9 6/8 dia pipe

54 ps.

8. Point(s) of Diversion: Indicate Method of Determination ASCS AERIAL PHOTO

[illegible]

9. Place(s) of Use: Irrigation - give acres served by system at time of exam.
Indicate Method of Determination ASCS AERIAL PHOTO

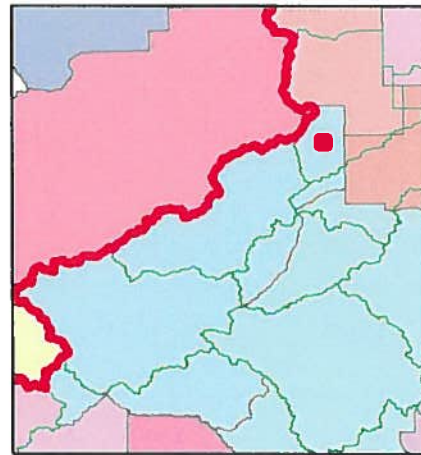
Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	
12N	29E	31					38			39	22				40	39	13	37	228
		32											40	2					42
11N	29E	5					43	29											77
							L-3	L-4											
		6	3																3
			L-1																
Total Acres																			350



Idaho Department of Water Resources

**Water Right
32-7253
(IRRIGATION)**

- Point of Diversion
- Place of Use
- State Outline
- Townships
- PLS Sections
- Quarter Quarters



**Lemhi County
IDWR Basin 32**

Prepared by Carlson, Dave

2009 Aerial Photography

