

Permit No: 96-9162

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 96-9162

Exam Date:

1. Current Owner: EUGENE MAW
PO BOX 416
LACLEDE ID 83841
(208)263-8229

And

ROBIN MAW
PO BOX 416
LACLEDE ID 83841
(208)263-8229

2. Accompanied by:

Phone No:

Address:

Relationship to Permit Holder:

3. SOURCE

RILEY CREEK

TRIBUTARY

PEND OREILLE RIVER

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:

RILEY CREEK NE1/4SE1/4
BONNER County

Sec. 1, Twp 56N, Rge 04W, B.M.

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	
56N	04W	1													4.5				4.5

Total Acres: 4.5

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

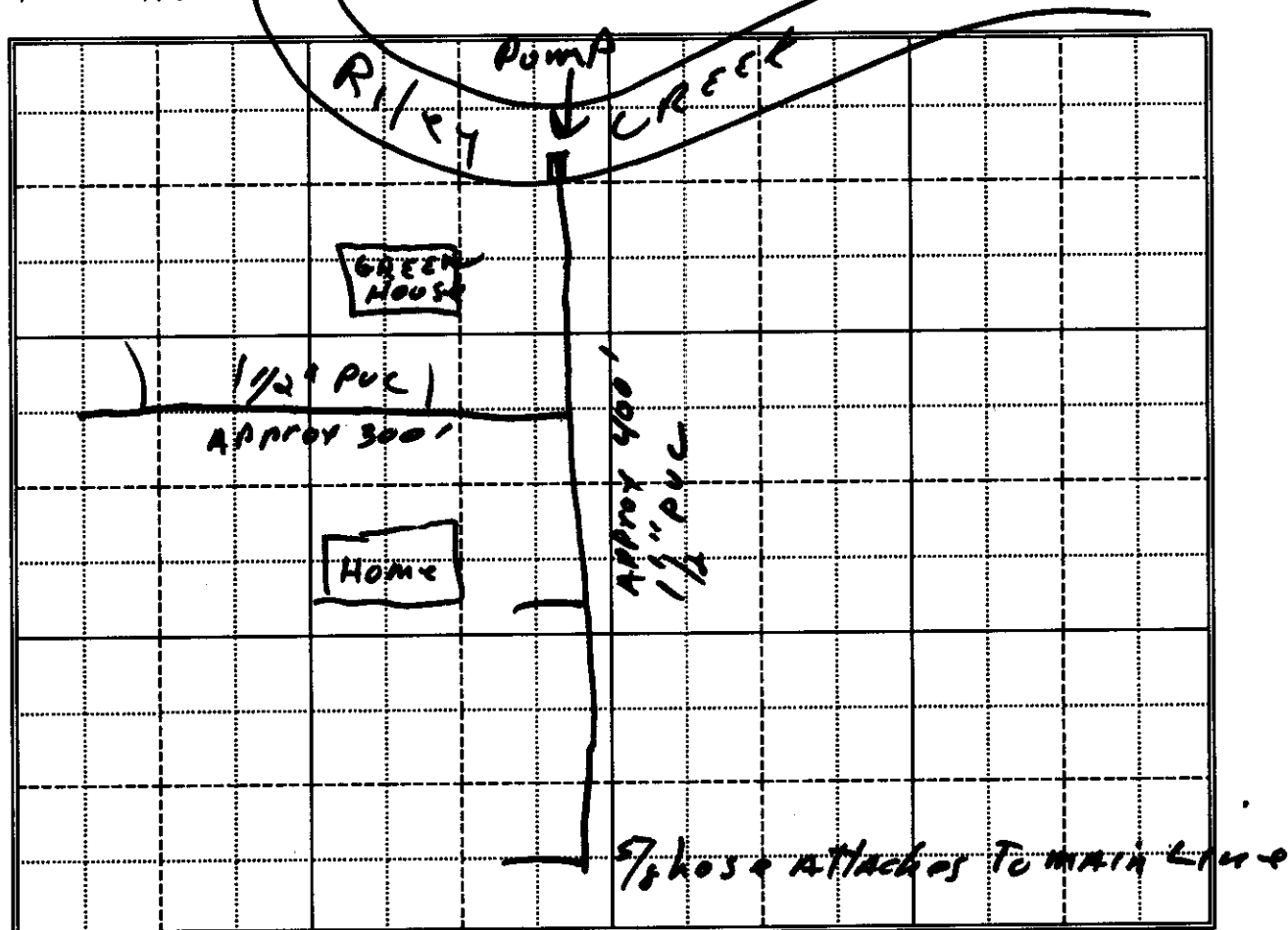
H. RECOMMENDATIONS

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	0.040 CFS	
	<u>Totals:</u>	0.040 CFS	13.50 AF

[illegible]

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.



Scale: 1" = _____

____ Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

____ Aerial Photo Attached (required for irrigation of 10+ acres)

____ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	Goulds	1	1065505412	Sub	1 1/2"

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

D. FLOW MEASUREMENTS

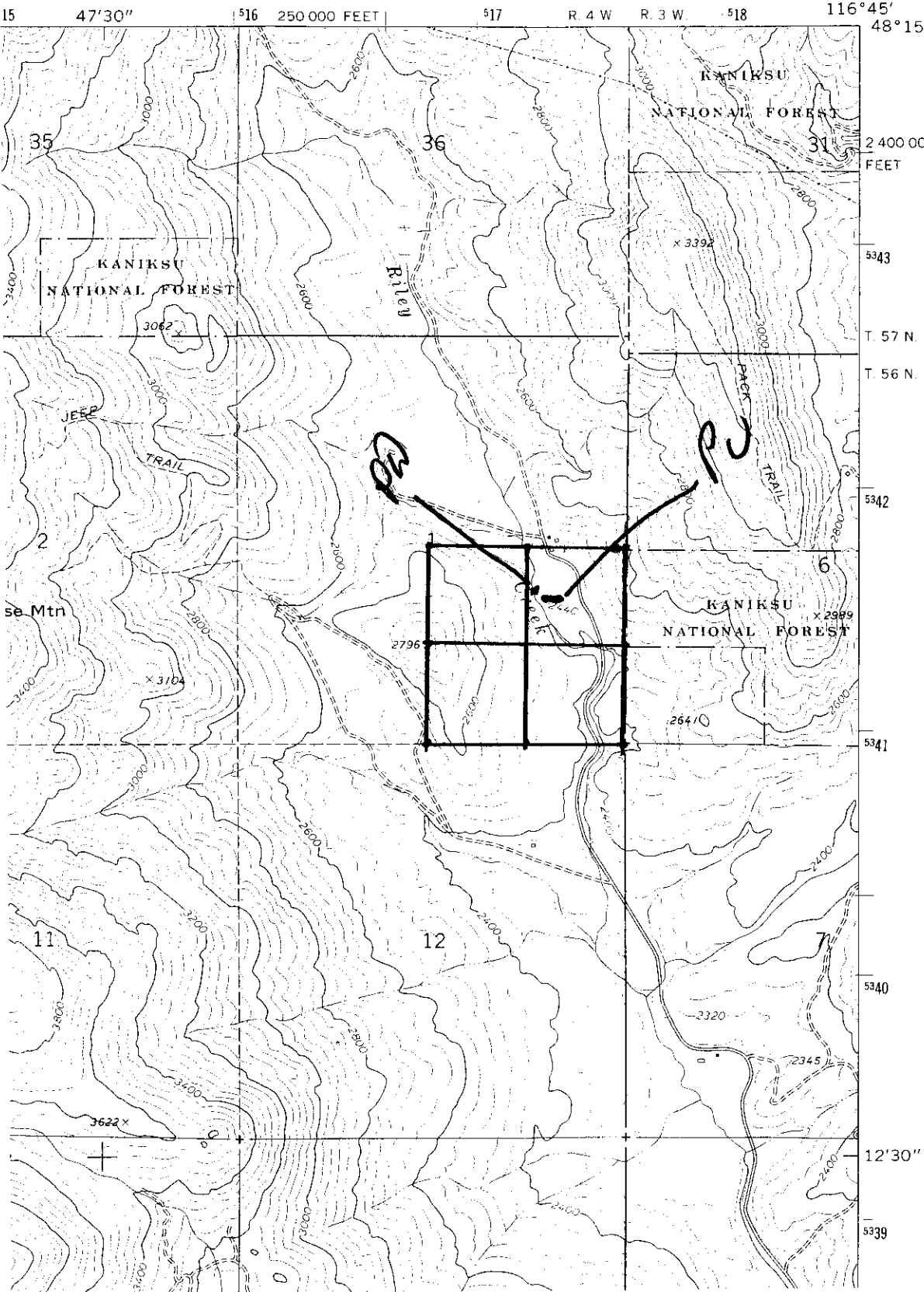
1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements: _____

LACLEDE QUADRANGLE
IDAHO-BONNER CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

2680
HAPPY FOR



96-09162 - MHW

10-M40-N95

E. NARRATIVE/REMARKS/COMMENTS

System consist of a pump attached to a main line of 1 1/2" pvc. Then 4 sprinklers are attached ~~attached~~ using 5/8" garden hose and moved around property.

Irrigated area $475' \times 415' = 4.5 \text{ acres}$

Have conditions of permit approval been met? ☒ yes ☐ no

F. FLOW CALCULATIONS

Measured Method:

Additional Computation Sheets Attached

5 gal bucket with 4 heads running
measured 1st head on line and last one.
avg. th. 2.

5 gal in 17.5 sec = 17.2 gpm

$17.2 \times .133681 = .038 = .04 \text{ cfs}$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \frac{40.5 \times 3}{60} = 13.5$

$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = .04 \times 213 \times 1.9835 = 16.9$

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 13.5$

2. Volume Calculations for Other Uses:

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Irrigation	04-01	10-31	.04	13.5
Totals:			.04	13.5

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

Wayne Baldwin

Date

9-14-05

Reviewer

Shirley Taylor

Date

10-12-05

SEAL

96-9162

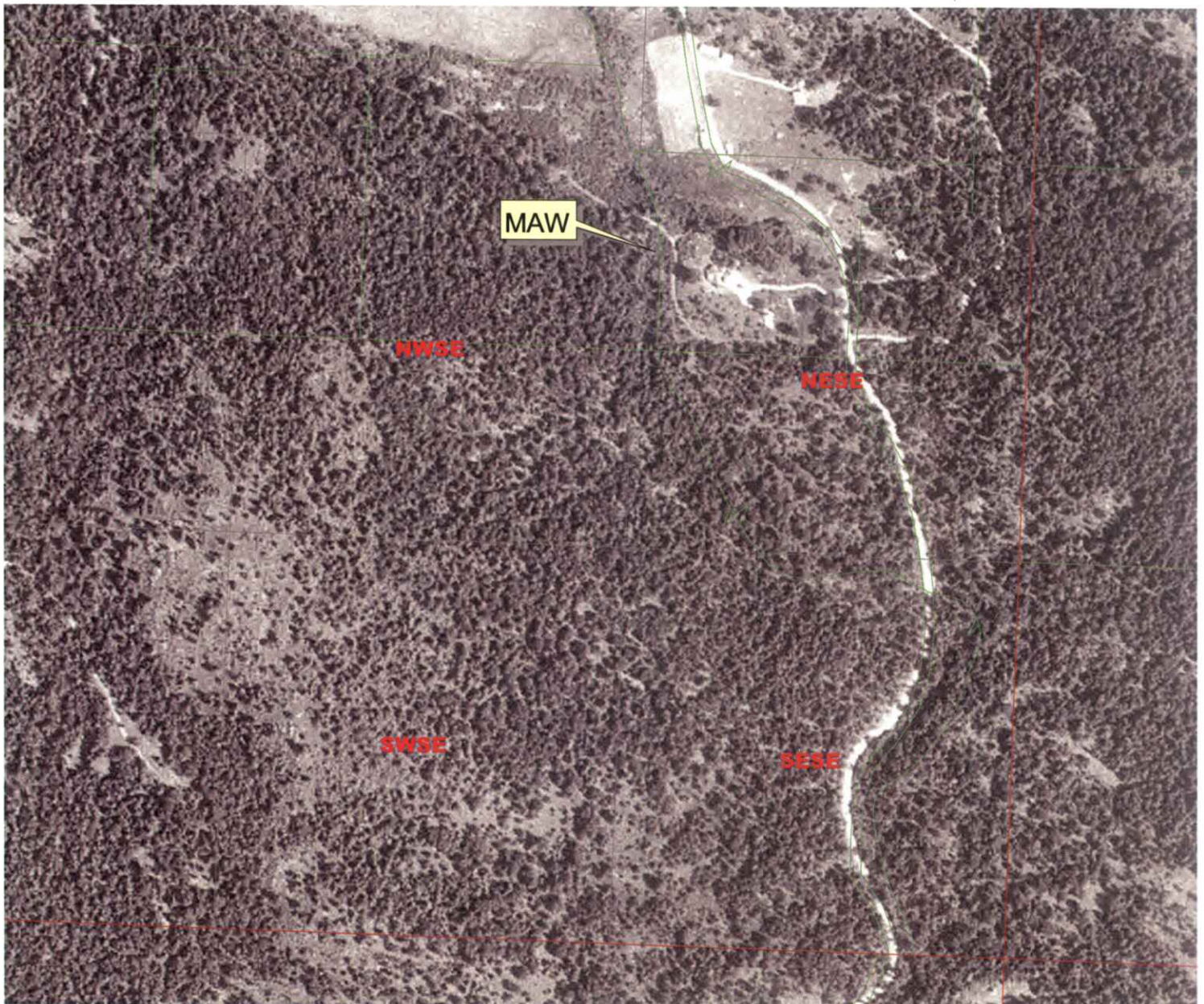
T56N R4W Section 1



Place of Use



Point of Diversion





ρw



ρv



ρv

96-09162
Mau



PV



PV

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