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Permit No: 22-7311

Page 04 Department of Water Resources

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 22-7311

Exam Date: 5/2004

1. Current Owner: EARL WILCOX
9169 S 400 W
REXBURG ID 83440
(208)356-6460

2. Accompanied by: NONE

Phone No:

Address:

Relationship to Permit Holder:

TALKED TO EARL ON THE
PHONE.

3. SOURCE

UNNAMED SLOUGH

TRIBUTARY

SNAKE RIVER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 22-4020 ADJ CLAIM
2. Other water rights with the same point of diversion: 22-4020 ADJ CLAIM

C. DIVERSION AND DELIVERY SYSTEM1. LOCATION OF POINT(S) OF DIVERSION:

UNNAMED SLOUGH

L6 SE1/4NW1/4

Sec. 1, Twp 04N, Rge 39E, B.M.

MADISON County

Method of Determination:

GPS

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	
04N	39E	1			29.0		32.0	2.0		7.0									70.0
					L 7		L 6			L 6									

Total Acres: 70

22-4020 is for the same POD/POU earlier
priority date.
must rent storage for this.

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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>
Commis	80hp			Cornell	

*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:

$$CFS = \frac{80hp \times 6.16}{25' + 2.31(60psi)} = 3.00 CFS$$

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

Measured Method:

Capacity would be more than one inch/acre.

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F. VOLUME CALCULATIONS**1. Volume Calculations for Irrigation:**

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 70 \times 3.5 = 245$$

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

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 245$$

2. Volume Calculations for Other Uses:**G. NARRATIVE/REMARKS/COMMENTS**

commins power product diesel motor B3-0p-80 hp/ cornell pump 24478. to mainline and sprinklers.
hour meter on motor used as measuring device by water district 01.

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	1.400 CFS	245.00 AF
<u>Totals:</u>		1.400 CFS	245.00 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 3/25/2004

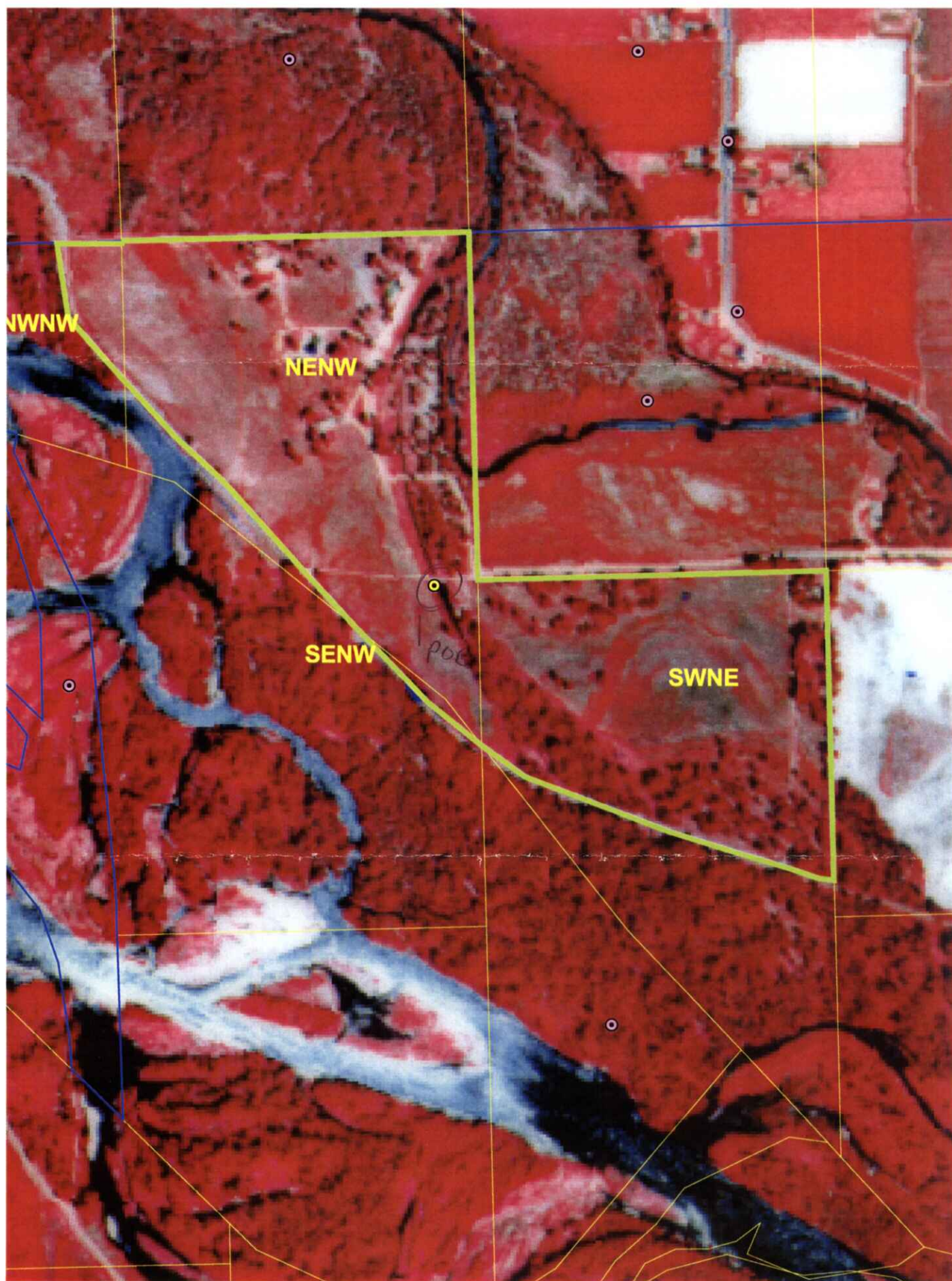
Reviewer _____ Date _____

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POB/PO



JUN 02 2004



22-7311 Motor/pump

Commins PP - B3-OP-80hp

Cornell pump

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22-7311 Control panel with hour
meter.

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