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AUG 29 2004

DEPARTMENT OF
WATER RESOURCES

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 22-7713

Exam Date: 8/19/2004

1. Current Owner: TIM N VESGAARD
45E 950 S
VICTOR ID 83455
(208)787-2815

2. Accompanied by: *NONE*
Phone No:
Address:
Relationship to Permit Holder:

3. <u>SOURCE</u>	<u>TRIBUTARY</u>
TRAIL CREEK	TETON RIVER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: NONE

2. Other water rights with the same point of diversion: NONE

C. DIVERSION AND DELIVERY SYSTEM

1. LOCATION OF POINT(S) OF DIVERSION:

TRAIL CREEK SE1/4NW1/4
TETON County

Sec. 13, Twp 03N, Rge 45E, B.M.

Method of Determination: FE/GPS

2.

PLACE OF USE: WILDLIFE

[illegible]

PLACE OF USE: WILDLIFE STORAGE

[illegible]

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>
	Briggs	3hp	Pacer		

*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:

spec sheet show about 200gpm this pump system could produce.

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

Measured Method:

$$CFS = \frac{3(6.16)}{20' \text{ Lift}} = .924$$

$$\text{pond is } 60' \times 30' \times 3' \text{ DEEP} = 0.2 \text{ AF}$$

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

2. Volume Calculations for Other Uses:

20 AF/A storage in pond

G. NARRATIVE/REMARKS/COMMENTS

pump in Trail Creek. portable gas Briggs and Stratton motor/paccer pump 3 HP to depression about 60 feet by 30 feet and 3 feet deep with a drop pipe return to trail Creek

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>
WILDLIFE	04/01 to 11/01	0.200 CFS	
WILDLIFE STORAGE	01/01 to 12/31		0.20 AF
<u>Totals:</u>		0.200 CFS	

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

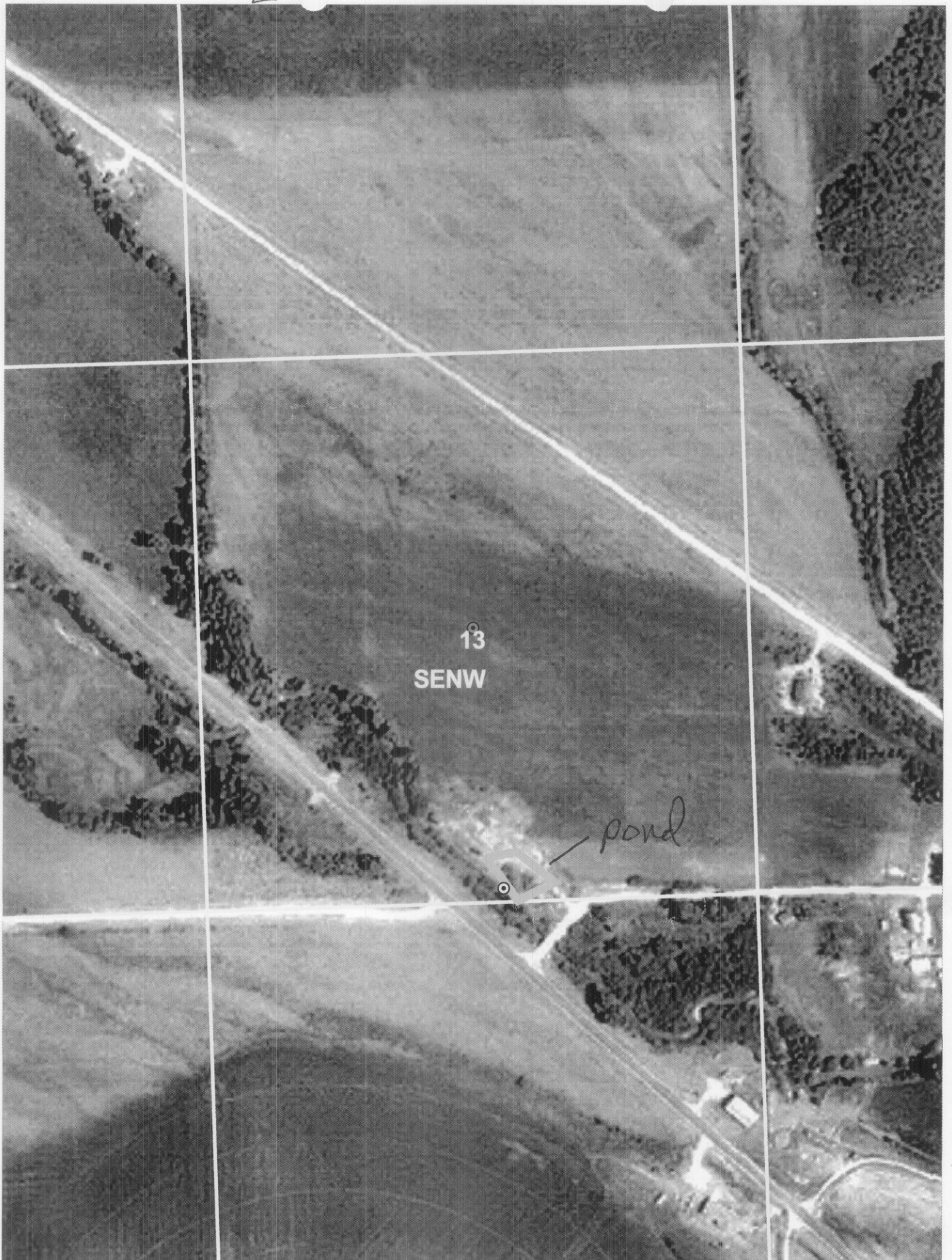
Date

8/23/2004

Reviewer

Date

22-7713





22-7713

pump in Trail Crk

DL 8/2004



DC 8/2004

22-7713

Pond area