

Permit No. 96-9072

1. Owner: Spires Water Co. Phone No. (208) 263-9806

Current Address: 206 N 4th ave. Ste. 177, Sand Point Id. 83864

2. Accompanied by: Bob Hansen (Water Systems Mgt. Engr.) EXAM DATE: 7-18-07

Address: 67 Wild Horse Trail, Sandpoint, ID 83864 Phone No. (208) 265-4270

Relationship to Permit Holder: Manager

3. Source: Groundwater tributary to _____

1. Other water rights with the same place of use:

2. Other water rights with the same point of diversion:

1. Point(s) of Diversion:

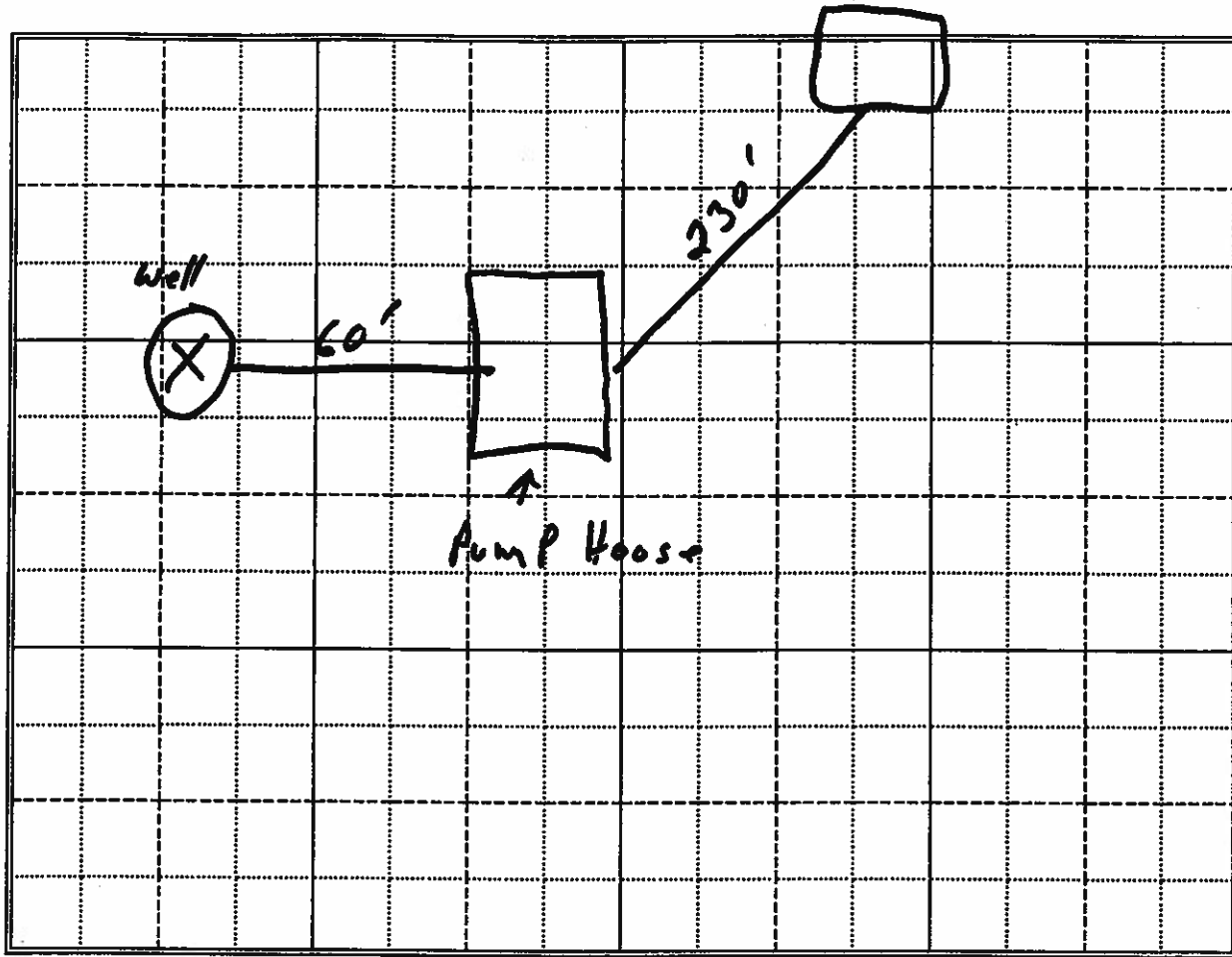
[illegible]

2. Place(s) of Use:

Indicate Method of Determination

[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
	GRUNDOS	3		GRUNDOS	25530-1ST

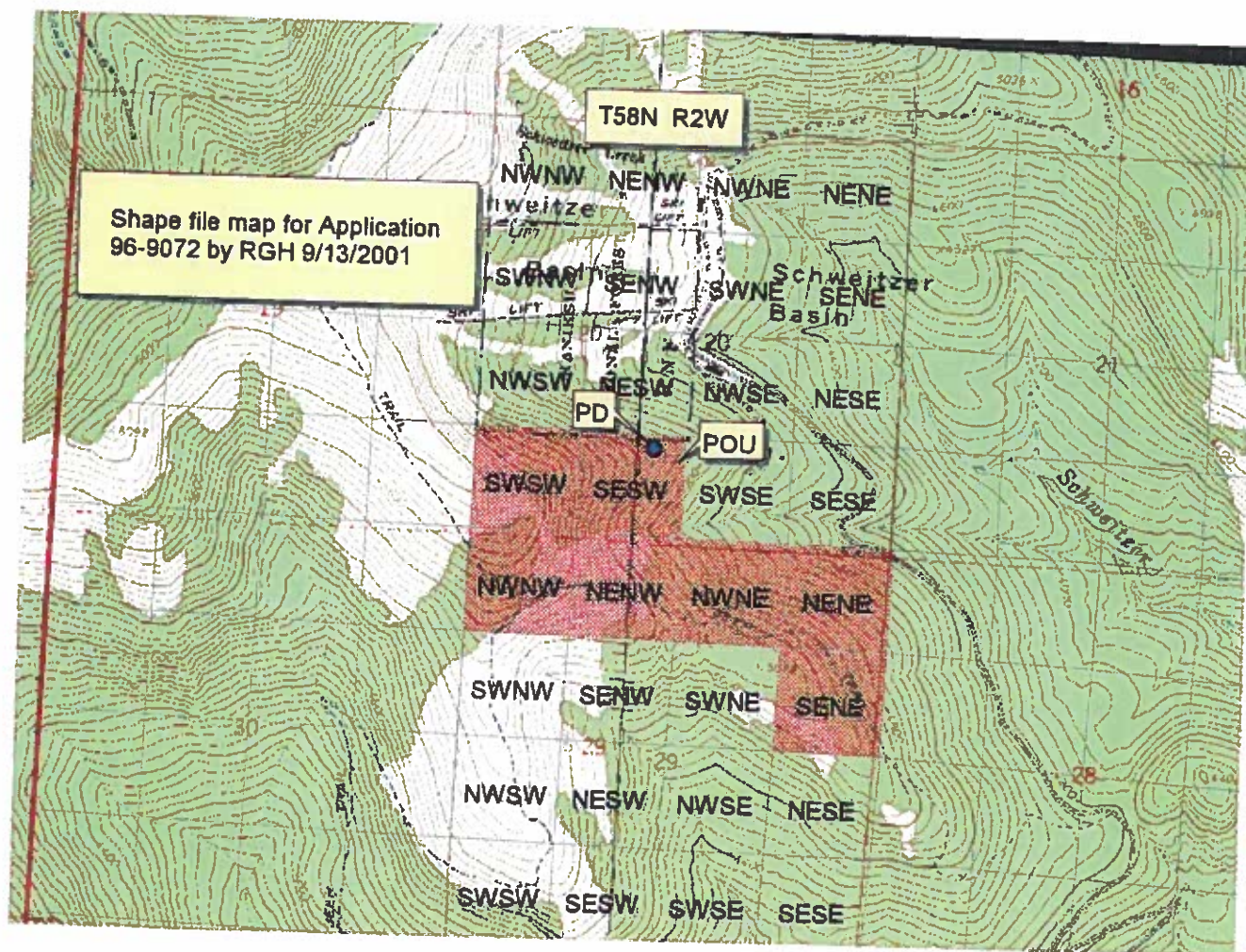
*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

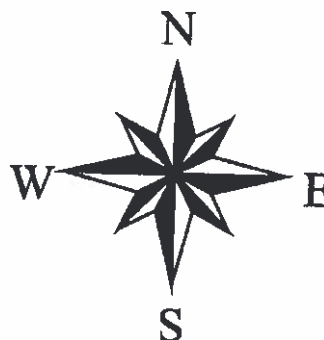
1.

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

2. Measurements: _____



- GCDBT58N02W.shp
- POD- ApplicationApplication POD
- Application POU
- Townships



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HAPI
ARTMENT OF THE INTERIOR
7.5-
GEOLOGICAL SURVEY



116° 47' 30" 528000mE

POINTS OF
DIVERSION

UNPLATTED LAND
R. BARCLAY HUTCHISON

SPIRES P.U.D.
PHASE I

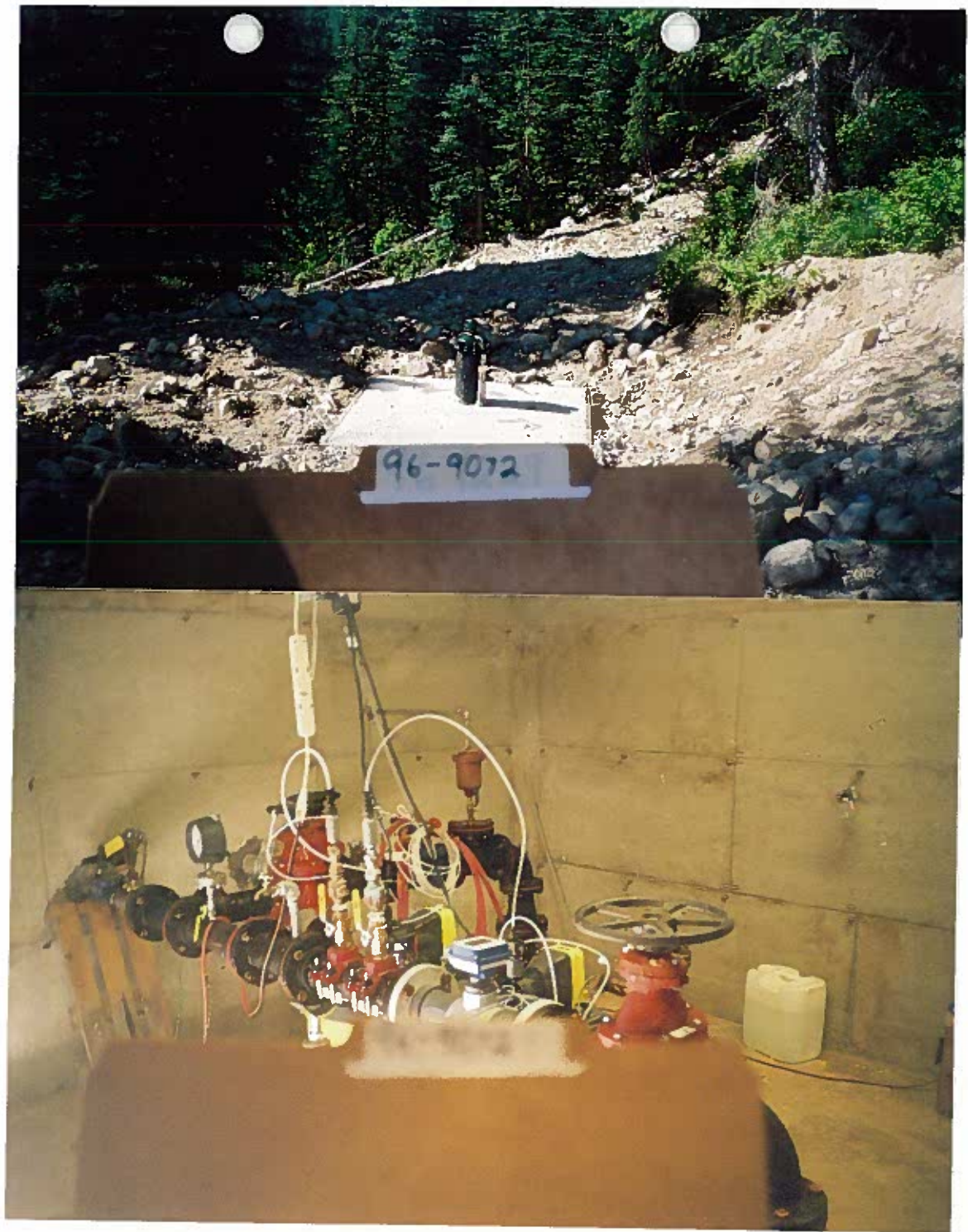
UNPLATTED LAND
HARBOR RESORT LLC

SCHWEITZER
VILLAGE P.U.D.

96-9072

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OCT 19 2001



96 - 9072
Spires Water Co.



1. *Chlorophyll a* (Chl *a*)

Year	Percentage of people who have ever been in a romantic relationship
1990	45%
2000	65%
2010	85%

F. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

Flow meter 25 gpm

$$\frac{25 \times 1.33681}{60} = .05 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \underline{\hspace{2cm}}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$$

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		
<i>Municipal</i>	<i>01-01</i>	<i>12-31</i>	<i>.05</i>	
Totals:			<i>.05</i>	

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. AUTHENTICATIONField Examiner's Name *Wayne Baldwin* Date *8-7-07*Reviewer *[Signature]* Date *6/4/8*

SEAL