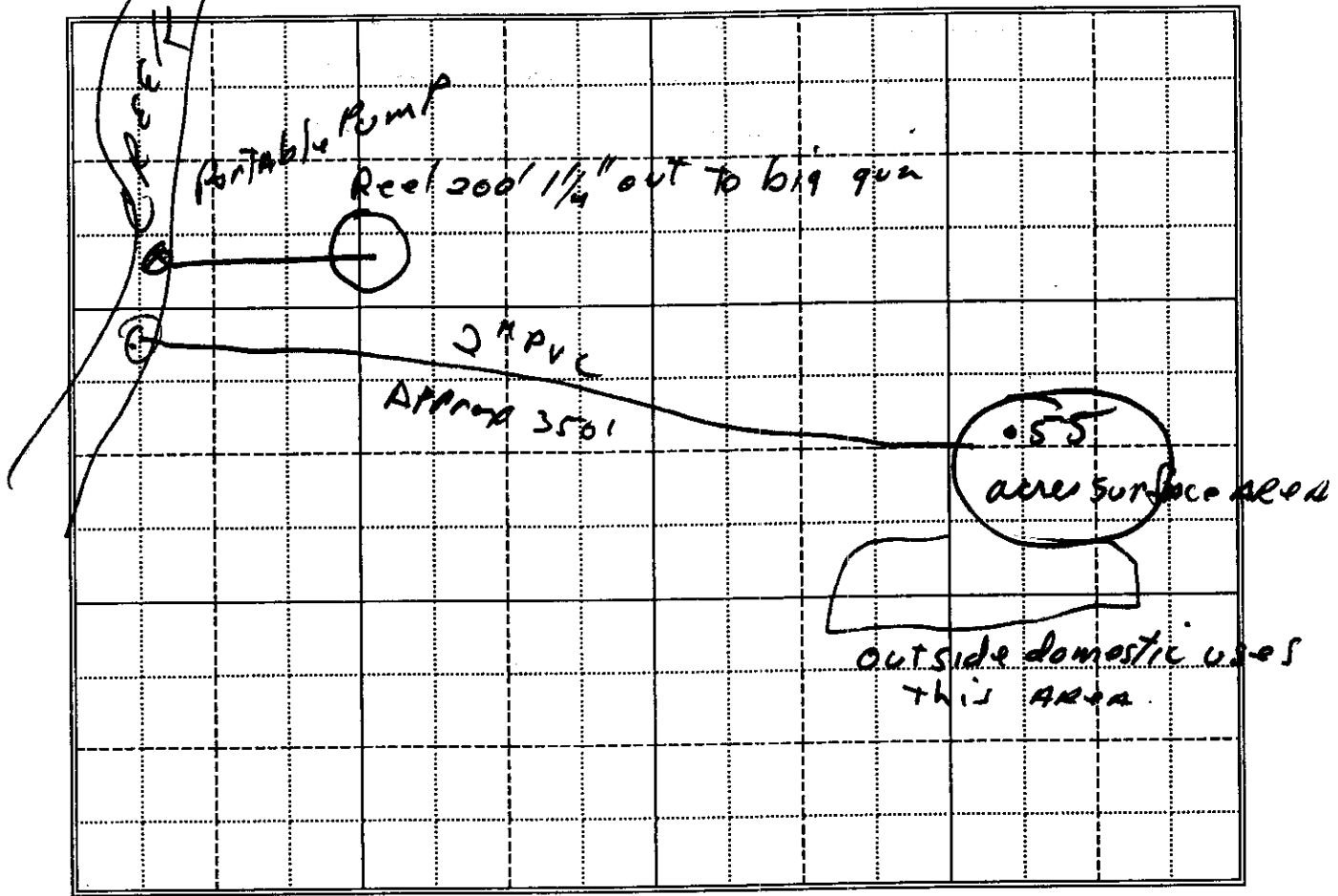


3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.



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
	Baldor	5	JML4092	Starite	1 1/4
Pump to Rec					
Storage unknown	Electric				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: _____

E. NARRATIVE/REMARKS/COMMENTS

When Mr. Taylor filed his original permit he left out the rec storage so this permit was filed to cover the rec storage. This permit also covers everything on 96-08685

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

F. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method:

Irr. from manufactures info

9 mm nozzle at 60 PSI 259PM

5 gal bucket on Pond Div.

5 gal in 13 sec = 239PM = 0.5

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 6.3 \times 3 = 18.9$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 1.06 \times 245 \times 1.9835 = 29$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 18.9$$

2. Volume Calculations for Other Uses: Pond, .55 acres

$$\frac{23958 \times 12' \text{ max depth} \times .4}{43560} = 2.64 \text{ AF}$$

Stockwater & Domestic ARE SAME DIV & RATE AS DIV TO STORAGE

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Irrigation	03-15	11-15	1.06	18.9
Stockwater	01-01	12-31	1.01	.3
Domestic (outside)	01-01	12-31	1.09	.6
Rec Storage	01-01	12-31		2.6
Div to Storage	01-01	12-31	.05	
Totals:				

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 9-22-05

Reviewer St. Taylor Date 11/23/05

SEAL

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 96-8685

Exam Date:

1. Current Owner: THOMAS P TAYLOR ET AL
19701 W BOWIE RD
MEDICAL LAKE WA 99022
(509)244-3257

2. Accompanied by:

Phone No:

Address:

Relationship to Permit Holder:

3. **SOURCE**

HELLROARING CREEK
SPRINGS

TRIBUTARY

PACK RIVER
SINKS

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:**

HELLROARING CREEK	NW1/4SE1/4	Sec. 3,	Twp 59N,	Rge 02W, B.M.
BONNER County				
SPRINGS	NE1/4NE1/4SE1/4	Sec. 3,	Twp 59N,	Rge 02W, B.M.
BONNER County				

Method of Determination:

2.

PLACE OF USE: IRRIGATION STORAGE

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
59N	02W	3													X				

PLACE OF USE: STOCKWATER STORAGE

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
59N	02W	3													X				

PLACE OF USE: RECREATION STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
59N 02W 3													X				

PLACE OF USE: IRRIGATION FROM STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
59N 02W 3			2.3	3.8											.2		6.3

Total Acres: 6.3

DIVERSION TO STORAGE same as IRRIGATION FROM STORAGE**H. RECOMMENDATIONS****1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
DIVERSION TO STORAGE	01/01 to 12/31	0.050 CFS	
IRRIGATION STORAGE	01/01 to 12/31		2.60 AF
STOCKWATER STORAGE	01/01 to 12/31		2.60 AF
RECREATION STORAGE	01/01 to 12/31		2.60 AF
IRRIGATION FROM STORAGE	01/01 to 12/31		2.60 AF
<u>Totals:</u>		0.050 CFS	2.60 AF

96-8685 & 96-8686

T59N R2W Section 3



Place of Use



Point of Diversion



96-8685-86

Telephone Conversation w/ Tom Taylor 11/14/05 D.T.S

Mr. Taylor pumps directly from Hellroaring Cr.
to irrigate 6.3 acres and use for stockwater.

He can also pump from Creek to pond to keep
it full. There is a spring @ pond which maintains
a certain level. Can/does divert for irrigation @ times
Recommend 2 rights.

96-8686-.06 cfs Irrigation 18.9 AF 4/1 to 10/31
.01 cfs stockwater 1/1 to 12/31
.06 cfs

Hellroaring Cr.

96-8685

Div. to Storage	.05 cfs	1/1 ^{to} 12/31	Spring/Hellroaring
Stockwater Stor.	2.6 AF	1/1 to 12/31	
Rec. Stor.	2.6 AF	1/1 to 12/31	
Irrig. Stor.	2.6 AF	1/1 to 12/31	
Irr. from Storage	2.6 AF	4/1 to 10/31	

Two rights in combo are limited to the
irrigation of 6.3 acres

There is no domestic use except outside irrigation.

NWNE

NENE

96-08686

SENE

SWNE

8'1'

S. 2 1/2

NWSE

NESE

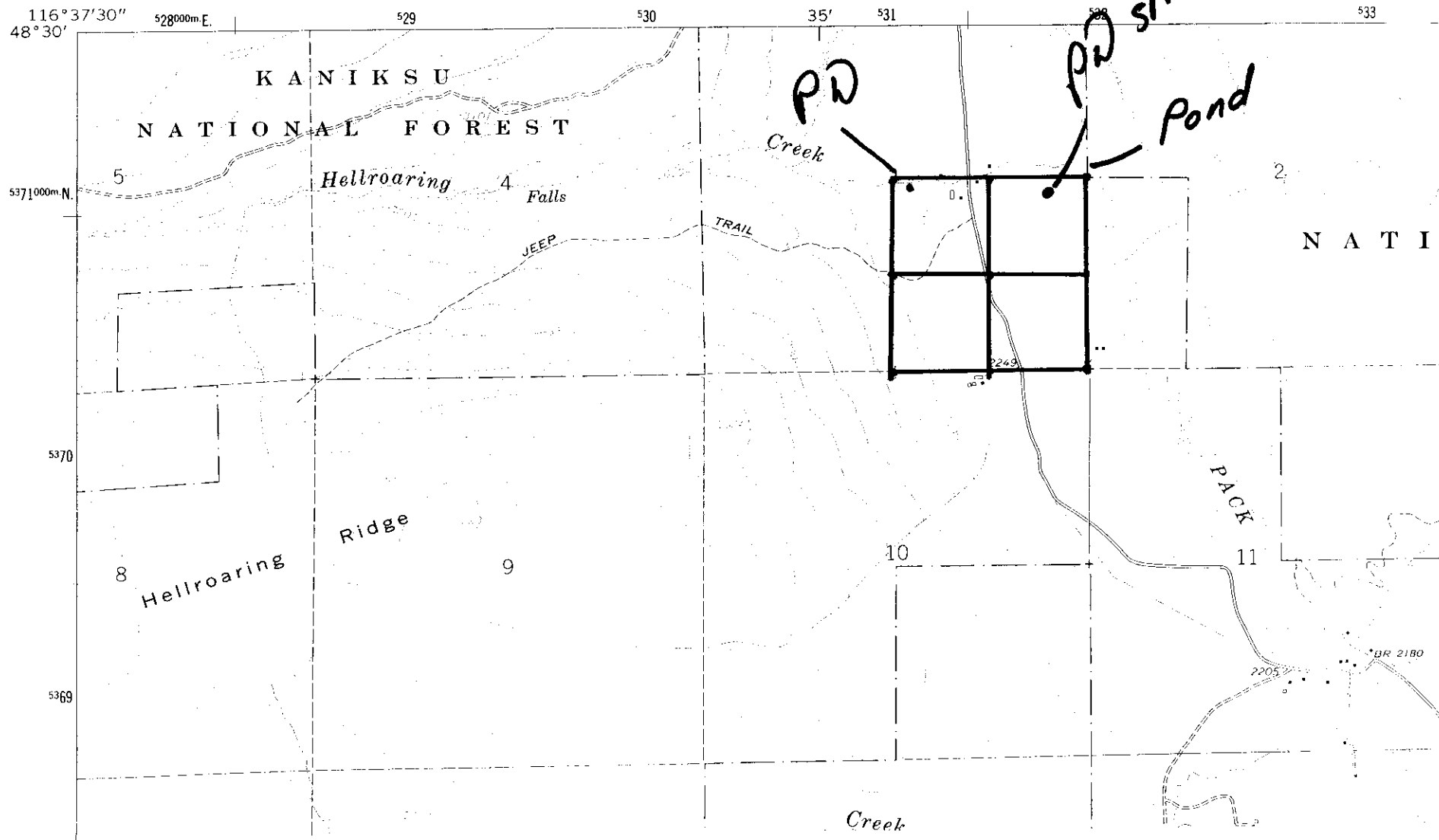
SWSE

SESE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

96-08686

spring in pond

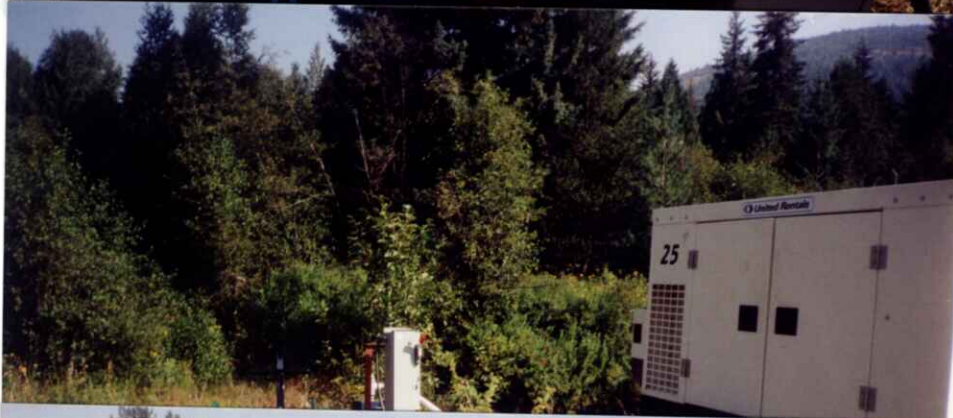




PW



Pump



Pump



PJ
ERR

96-8685



Pond



Pond bird

96-08686