

[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
	See Narrative				

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

D. FLOW MEASUREMENTS

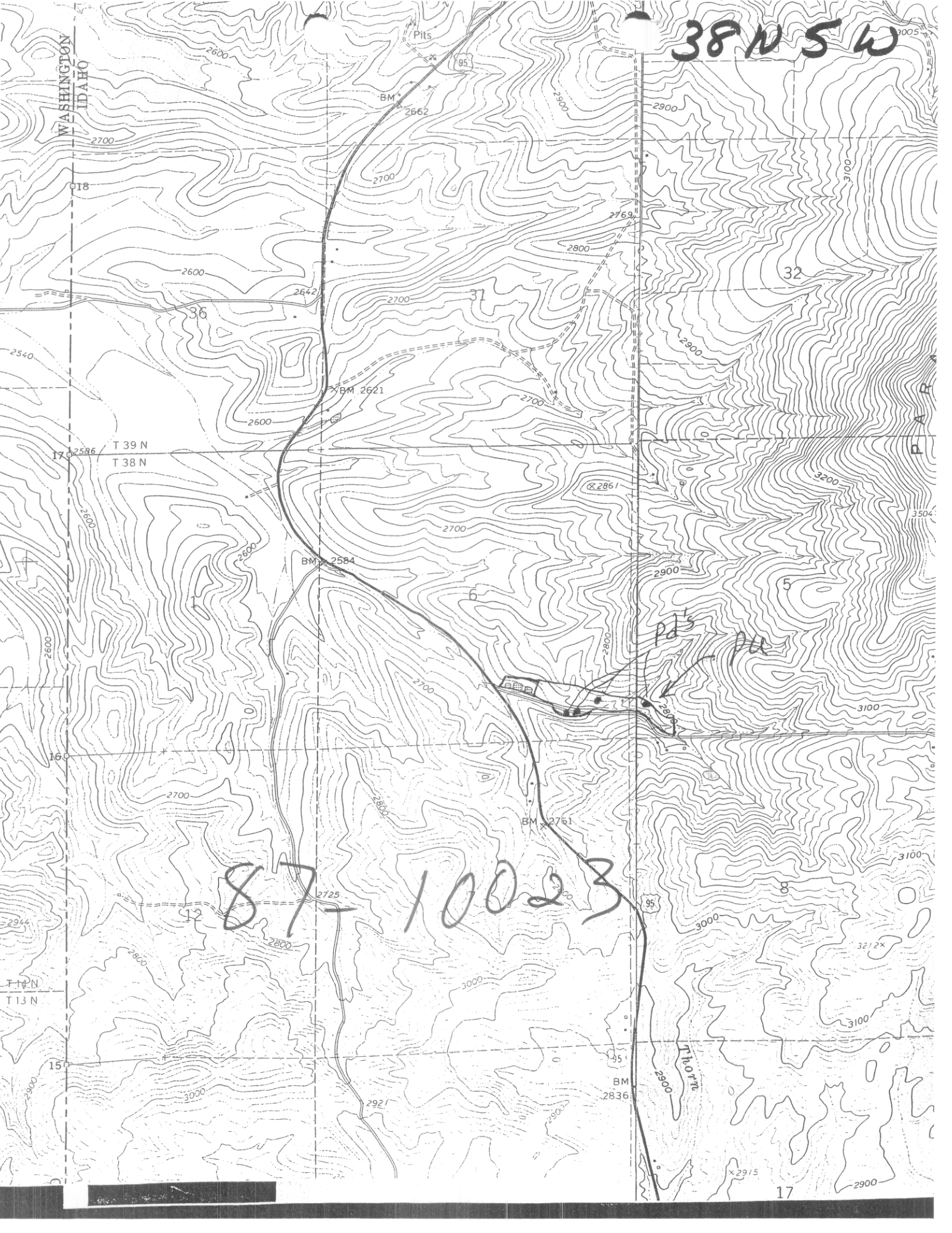
1.

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

2. Measurements: _____

38 N 5 W

WASHINGTON
IDAHO



87-10023

Pd's
P.A.

didn't Take 4th well Pic



87-10023

E. NARRATIVE/REMARKS/COMMENTS

Only 1 well is metered. Therefore I did theoretical calculations on each well. Well #6 has a flow meter on it. I did a theoretical on #6, and meter verified calculation. The following are those calculations: all pumps cut in 35 PSI outlet (40 PSI)

Well #1 Franklin 2801080198 1HP

$$\frac{8.8(1)(.7)}{60 + (2.31 \times 35)} = \frac{6.16}{140.85} = .04665$$

Well #5 Franklin 2821138110 5HP

$$\frac{8.8(5)(.7)}{300 + (2.31 \times 35)} = \frac{30.8}{380.85} = .08$$

Well #6 2823028110 3HP

$$\frac{8.8(3)(.7)}{318 + (2.31 \times 35)} = \frac{18.48}{398.85} = .05$$

Well #7 STARTE 1F8 2HP

$$\frac{8.8(2)(.7)}{115 + (2.31 \times 35)} = \frac{12.32}{195.85} = .06$$

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

F. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

*See Narrative***G. 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:****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>well # 1</i>			<i>.04</i>	
<i>well # 5</i>			<i>.08</i>	
<i>well # 6</i>			<i>.05</i>	
<i>well # 7</i>			<i>.06</i>	
Totals:			<i>.19</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 Ballard* Date *9-1-04*

Reviewer _____ Date _____

SEAL