

[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</u> <u>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</u> <u>Size</u>
95-76-N-27	FRANKLIN	1.5			

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

D. FLOW MEASUREMENTS

1.

<u>Measurement</u> <u>Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
--	-------------	-------------	------------------	-------------------	-------------	--------------------

N/A

2. Measurements:

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

Measured Method: UNABLE TO PERFORM FLOW MEASUREMENT. THEORETICAL PUMPING EQUATION
 ESTIMATES FLOW AT $(1.5 \text{ HP})(8.8)(0.8) / 210 + (30 \times 2.3087) = 0.04 \text{ CFS}$

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

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

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

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} =$$

2. Volume Calculations for Other Uses: DOMESTIC WITH UP TO 1/2 ACRE OF IRRIGATION PER HOME X 1.2 AF = 3.6 AF**G. NARRATIVE/REMARKS/COMMENTS**

FIELD SHOWED 3 HOMES BEING SERVED BY A WELL WITH A 1.5 HP PUMP. APPLICANT SAID THEY ORIGINALLY PLANNED TO START A FARM BUT THAT DIDNT HAPPEN. APPLICANT AGREED TO CHANGE WATER RIGHT OVER TO DOMESTIC FOR 3 HOMES WITH IRRIGATION UP TO 1/2 ACRE PER HOME. LICENSE WILL BE ISSUED FOR 0.04 CFS WITH AN ANNUAL VOLUME OF 3.6 AF.

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>
DOMESTIC	01/01 to 12/31	0.040 CFS	3.60 AF
<u>Totals:</u>		0.040 CFS	3.60 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

Adam Friedl

Date

12-21-2015

Reviewer

[Signature]

Date

12-21-2015

USE TYPEWRITER
BALL POINT PEN

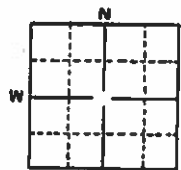
State of Idaho
Department of Water Administration

WELL DRILLER'S REPORT

State law requires that this report be filed with the State Reclamation Engineer within 30 days after completion or abandonment of the well.

RECEIVED

JUN 18 1976

1. WELL OWNER Name <u>James Hedberg</u> Address <u>1030 N. 22nd, Coeur D'Alene, Ida</u> Owner's Permit No. <u>95-76-N-27</u>		7. WATER LEVEL Static water level <u>60</u> feet below land surface Flowing? ☐ Yes ☐ No G.P.M. flow _____ Temperature _____ ° F. Quality _____ Artesian closed-in pressure _____ p.s.i. Controlled by ☐ Valve ☐ Cap ☐ Plug																																																											
2. NATURE OF WORK ☐ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe method of abandoning) _____		8. WELL TEST DATA ☐ Pump ☐ Bailor ☒ Other Discharge G.P.M. <u>20</u> Draw Down _____ Hours Pumped _____																																																											
3. PROPOSED USE ☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal ☐ Industrial ☐ Stock		9. LITHOLOGIC LOG <table border="1"><thead><tr><th rowspan="2">Hole Diam.</th><th colspan="2">Depth</th><th rowspan="2">Material</th><th colspan="2">Water</th></tr><tr><th>From</th><th>To</th><th>Yes</th><th>No</th></tr></thead><tbody><tr><td>6</td><td>1</td><td>3</td><td>Clay Gray</td><td></td><td>x</td></tr><tr><td></td><td>3</td><td>30</td><td>Clay and Shale rock Ba-</td><td></td><td>x</td></tr><tr><td></td><td>30</td><td>40</td><td>Shale Rock Basalt salt</td><td></td><td>x</td></tr><tr><td></td><td>40</td><td>120</td><td>Shale</td><td></td><td>x</td></tr><tr><td></td><td>120</td><td>130</td><td>Shale</td><td>x</td><td></td></tr><tr><td></td><td>130</td><td>160</td><td>Shale</td><td></td><td>x</td></tr><tr><td></td><td>160</td><td>185</td><td>Shale</td><td>x</td><td></td></tr><tr><td></td><td>185</td><td>225</td><td>Shale</td><td></td><td>x</td></tr></tbody></table>		Hole Diam.	Depth		Material	Water		From	To	Yes	No	6	1	3	Clay Gray		x		3	30	Clay and Shale rock Ba-		x		30	40	Shale Rock Basalt salt		x		40	120	Shale		x		120	130	Shale	x			130	160	Shale		x		160	185	Shale	x			185	225	Shale		x
Hole Diam.	Depth		Material		Water																																																								
	From	To		Yes	No																																																								
6	1	3	Clay Gray		x																																																								
	3	30	Clay and Shale rock Ba-		x																																																								
	30	40	Shale Rock Basalt salt		x																																																								
	40	120	Shale		x																																																								
	120	130	Shale	x																																																									
	130	160	Shale		x																																																								
	160	185	Shale	x																																																									
	185	225	Shale		x																																																								
4. METHOD DRILLED ☐ Cable ☒ Rotary ☐ Dug ☐ Other																																																													
5. WELL CONSTRUCTION Diameter of hole <u>6</u> inches Total depth <u>225</u> feet Casing schedule: ☒ Steel ☐ Concrete Thickness <u>1/4</u> inches Diameter <u>6</u> inches From <u>1</u> feet To <u>40</u> feet _____ inches _____ inches _____ feet _____ feet _____ inches _____ inches _____ feet _____ feet _____ inches _____ inches _____ feet _____ feet _____ inches _____ inches _____ feet _____ feet Was a packer or seal used? ☐ Yes ☒ No Perforated? ☐ Yes ☒ No How perforated? ☐ Factory ☐ Knife ☐ Torch Size of perforation _____ inches by _____ inches Number _____ From _____ To _____ _____ perforations _____ feet _____ feet _____ perforations _____ feet _____ feet _____ perforations _____ feet _____ feet Well screen installed? ☐ Yes ☒ No Manufacturer's name _____ Type _____ Model No. _____ Diameter _____ Slot size _____ Set from _____ feet to _____ feet Diameter _____ Slot size _____ Set from _____ feet to _____ feet Gravel packed? ☐ Yes ☒ No Size of gravel _____ Placed from _____ feet to _____ feet Surface seal? ☒ Yes ☐ No To what depth <u>40</u> feet Material used in seal ☒ Cement grout ☐ Puddling clay																																																													
6. LOCATION OF WELL Sketch map location must agree with written location.  County <u>KOOTENAI</u> A Portion of Lots 1 and 2 Blk-A, _____ 1/4 Sec. <u>6</u> T. <u>50</u> N. R. <u>3</u> W Thomas Garden tracts-(See attached)		10. Work started <u>6-14-76</u> finished <u>6-14-76</u>																																																											
		11. DRILLER'S CERTIFICATION This well was drilled under my supervision and this report is true to the best of my knowledge. <u>CARMAN DEVELOPMENT COMPANY</u> 228 Driller's or Firm's Name Number <u>E 6010 Broadway, Spokane, Washington</u> Address Signed By <u>[Signature]</u> Date <u>6-14-76</u>																																																											

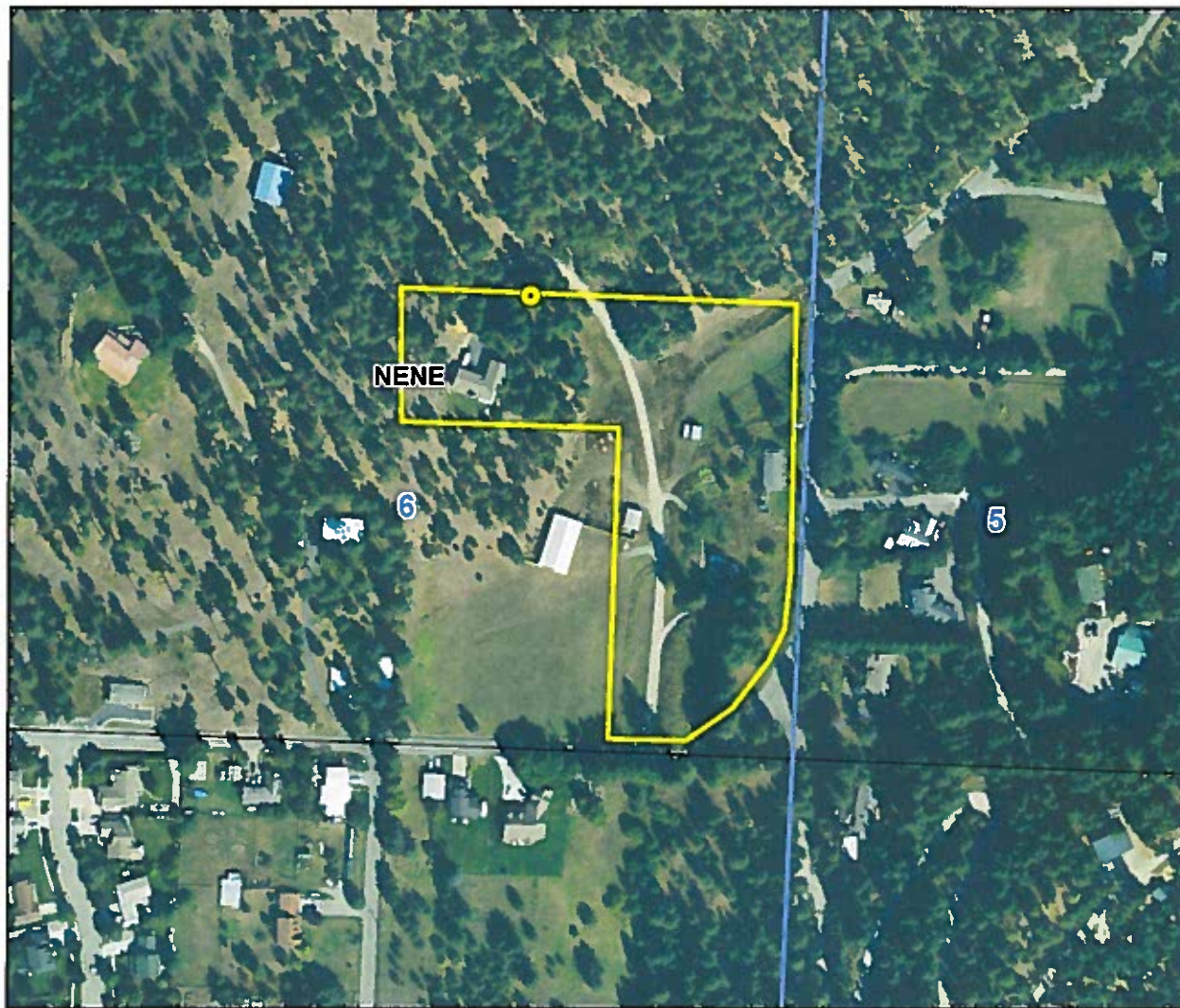
USE ADDITIONAL SHEETS IF NECESSARY

FORWARD THE WHITE, BLUE, AND PINK COPIES TO THE DEPARTMENT

State of Idaho
Department of Water Resources
Water Right License
95-9256

03W

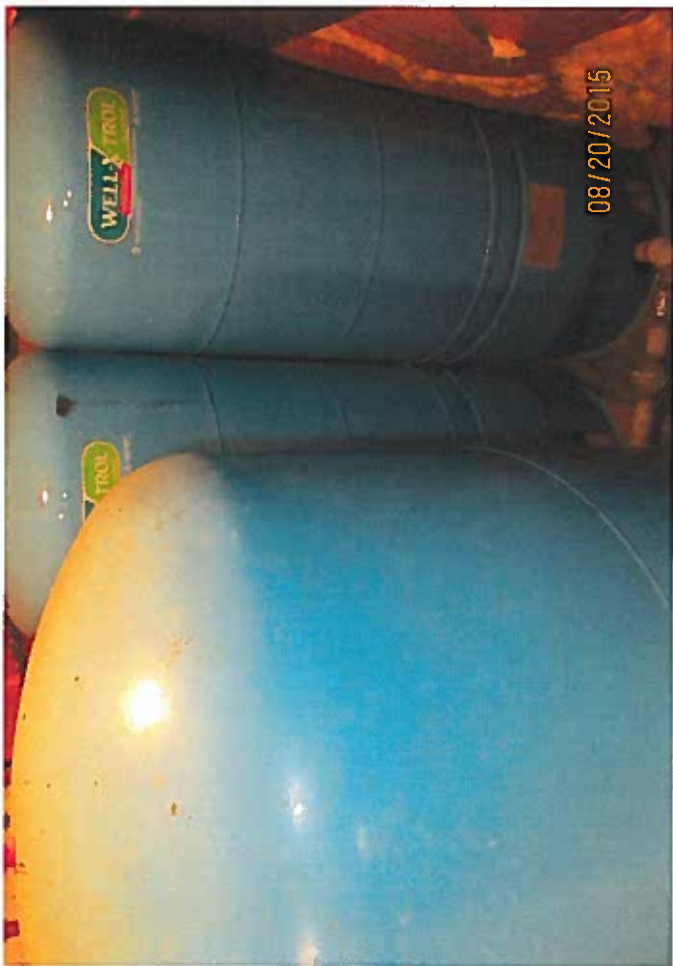
50N



0 0.035 0.07 0.14 Miles

-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections

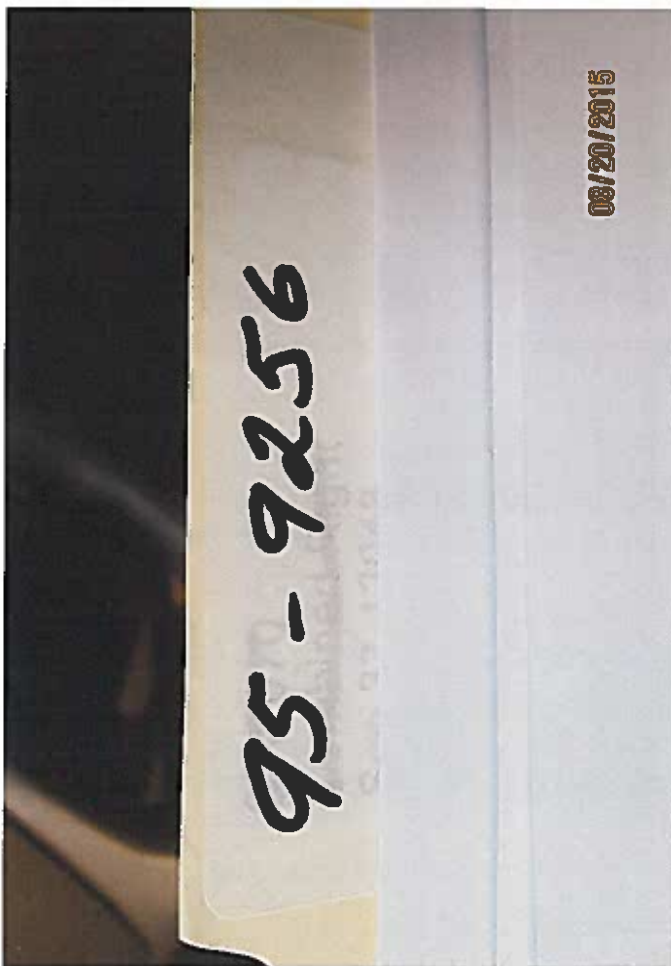




95-9256



Home # 31

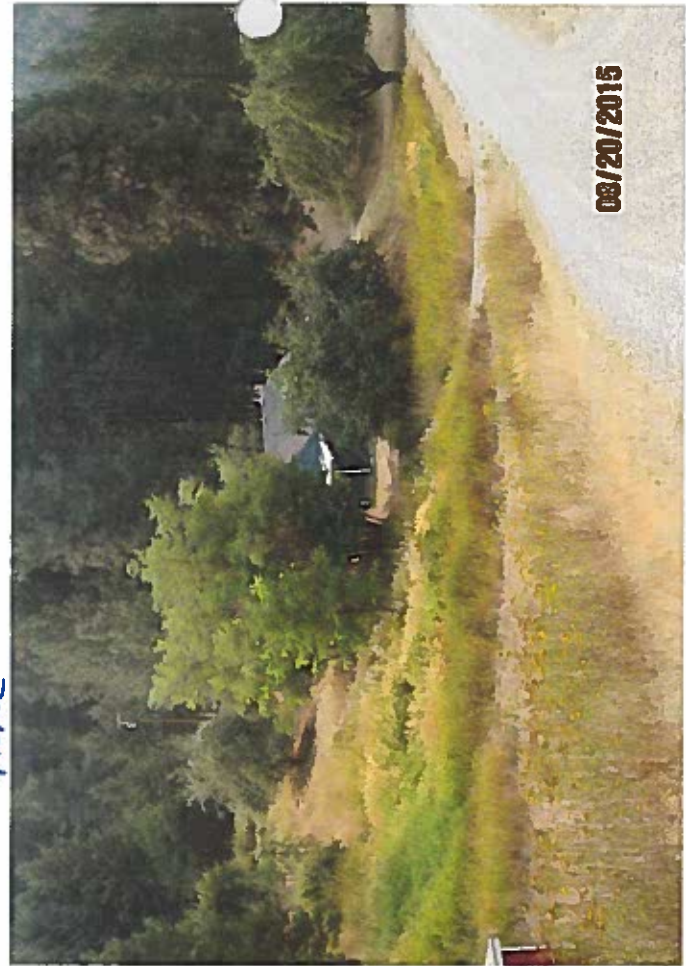
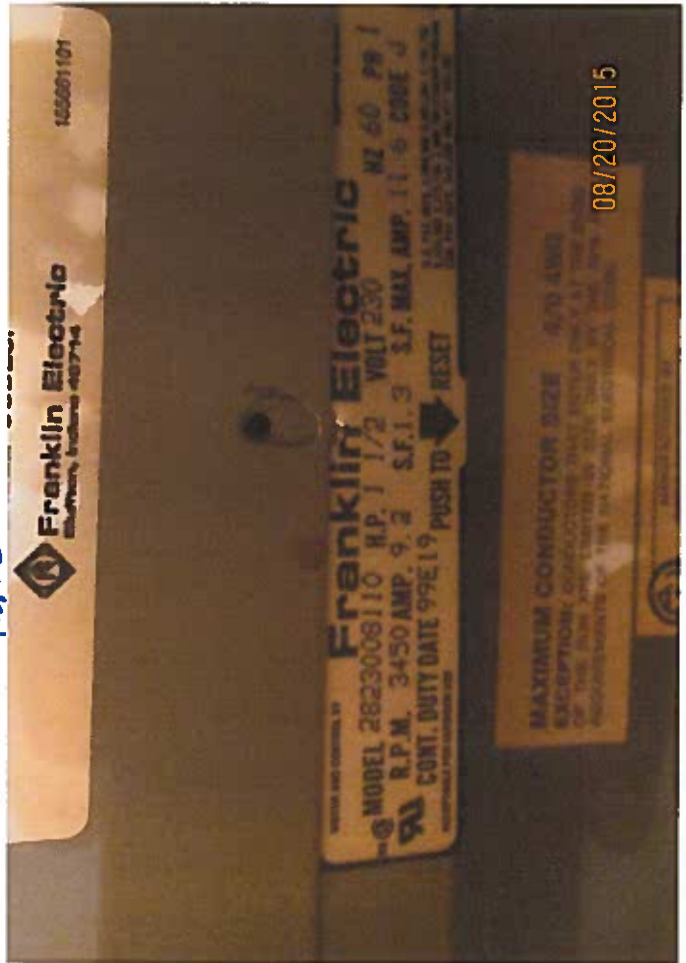




Home #2A



Home #2B



Home #1A



→ Home # 1

95-256