

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
BENEFICIAL USE FIELD REPORT

**A. GENERAL INFORMATION**

Permit No: 96-09219

Exam Date: 8/12/2015

1. Current Owner:  
SCHWEITZER BASIN WATER CO PO BOX 772 SAGLE ID 83860 (208)265-8953
2. Accompanied by: Melvyn Bailey  
Relationship to Permit Holder: Owner

**3. SOURCE: GROUND WATER****B. OVERLAP REVIEW**

1. Other water rights with the same place of use: 96-7032, 96-8541, 96-8567
2. Other water rights with the same point-of-diversion: None

**C. DIVERSION AND DELIVERY SYSTEM****1. LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER SE¼SW¼ Sec. 20, Twp 58N, Rge 02W, B.M. BONNER County

Method of Determination: GPS and maps. POD location at 48° 21.457, 116° 37.412 (A0015478)

2. Method of Determination: GPS and maps.

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.

| Well or Diversion ID No.* | Motor Make | Hp  | Motor Serial No. | Pump Make | Pump Serial No. or Discharge Size |
|---------------------------|------------|-----|------------------|-----------|-----------------------------------|
| D0045098                  | STA RITE   | 1.5 |                  |           |                                   |
|                           |            |     |                  |           |                                   |
|                           |            |     |                  |           |                                   |
|                           |            |     |                  |           |                                   |

\*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: MEASUREMENTS PROVIDED BY APPLICANT. SEE ATTACHED

**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:

**G. NARRATIVE/REMARKS/COMMENTS**

FIELD EXAM SHOWED APPLICANT HAD ONLY DRILLED ONE WELL INSTEAD OF THE TWO THAT WERE APPLIED FOR. UNABLE TO PERFORM FLOW MEASUREMENT. APPLICANT SUPPLIED 24 FLOW TEST THAT SHOWED WELL PRODUCED 22 GPM OR 0.05 CFS. LICENSE WILL BE ISSUED FOR 0.05 CFS WITH NO ANNUAL VOLUME WITH OVERLAP CONDITION WITH OTHER WATER RIGHTS.

Have conditions of permit approval been met? ☒ Yes ☐ No**H. RECOMMENDATIONS****1. Recommended Amounts****BENEFICIAL USE**

MUNICIPAL

**PERIOD OF USE**

01/01 to 12/31

**DIVERSION RATE**

0.05 CFS

**Totals:**

0.050 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 ☒ None
**I. AUTHENTICATION**

Field Examiner's Name

*Adam Friedman*

Date

*4-14-2016*

Reviewer

*Morgan Case*

Date

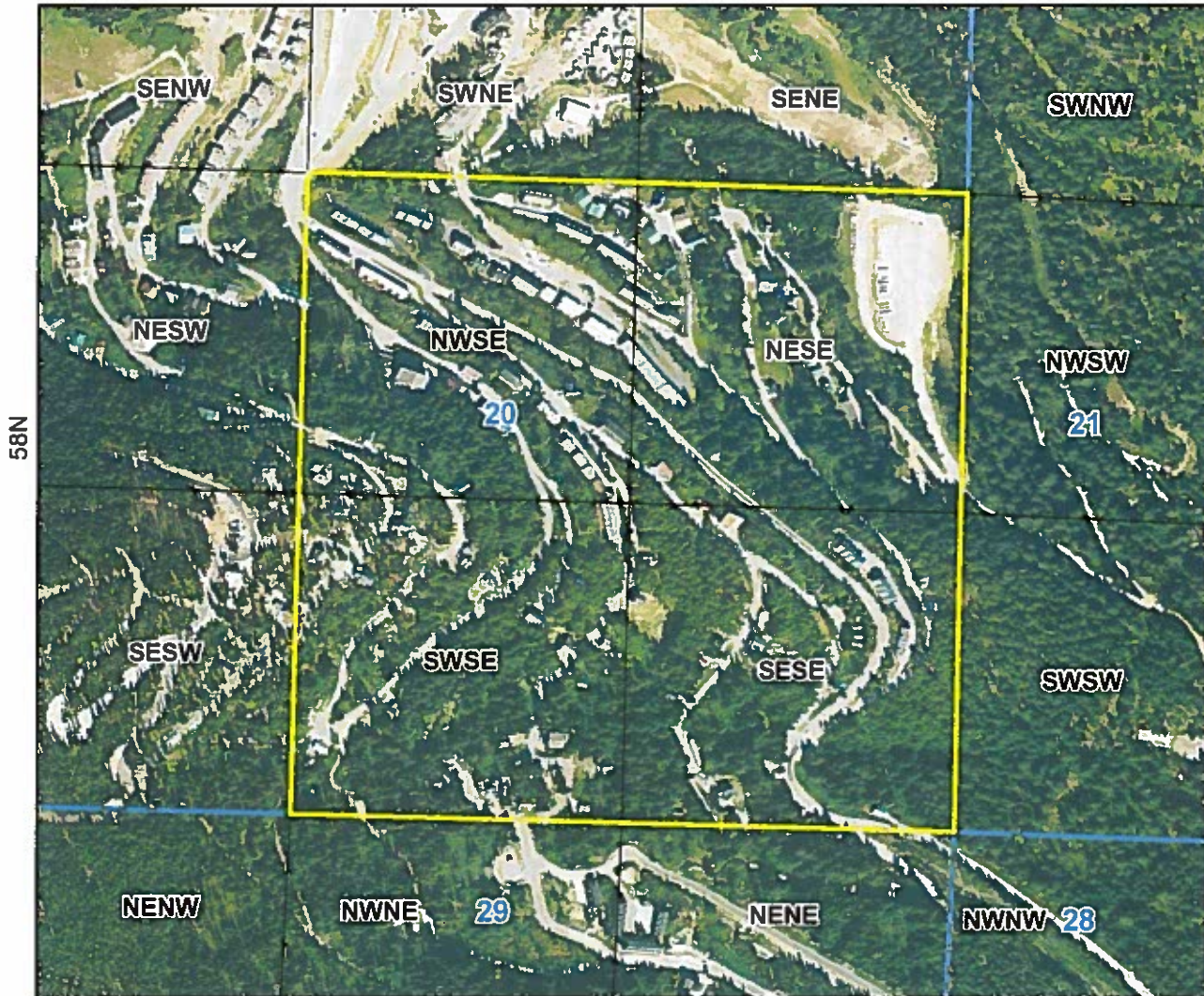
*4-20-2016*

Schweitzer Basin Water Co

# Water Right License

96-9219

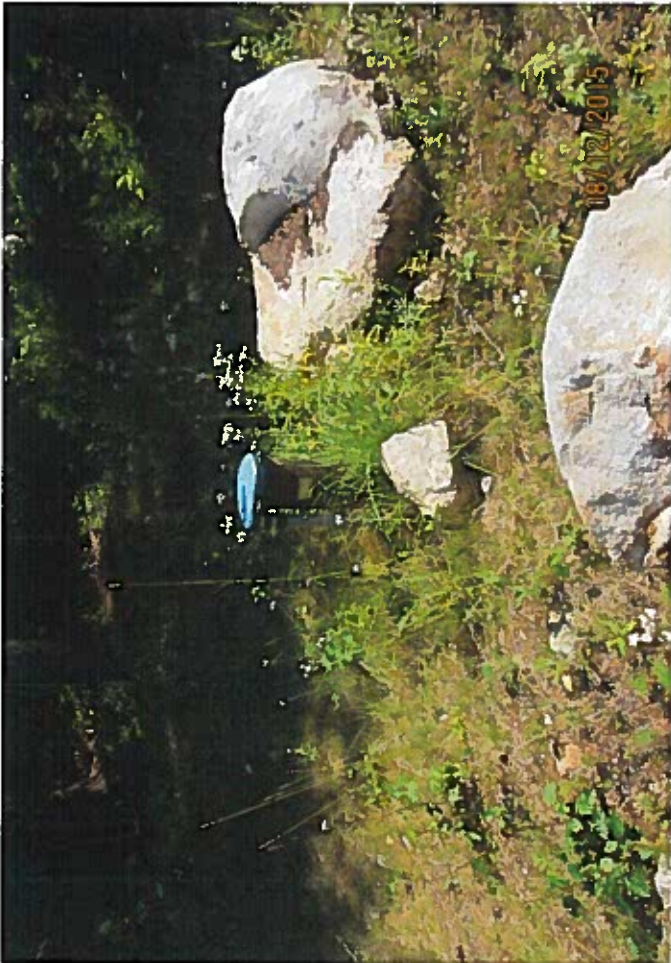
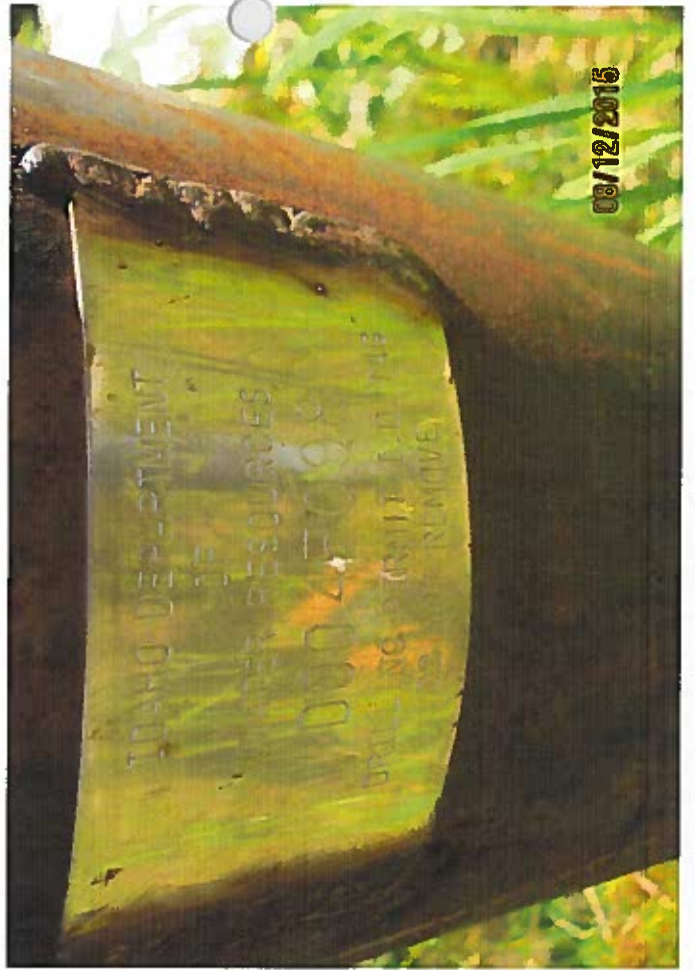
02W



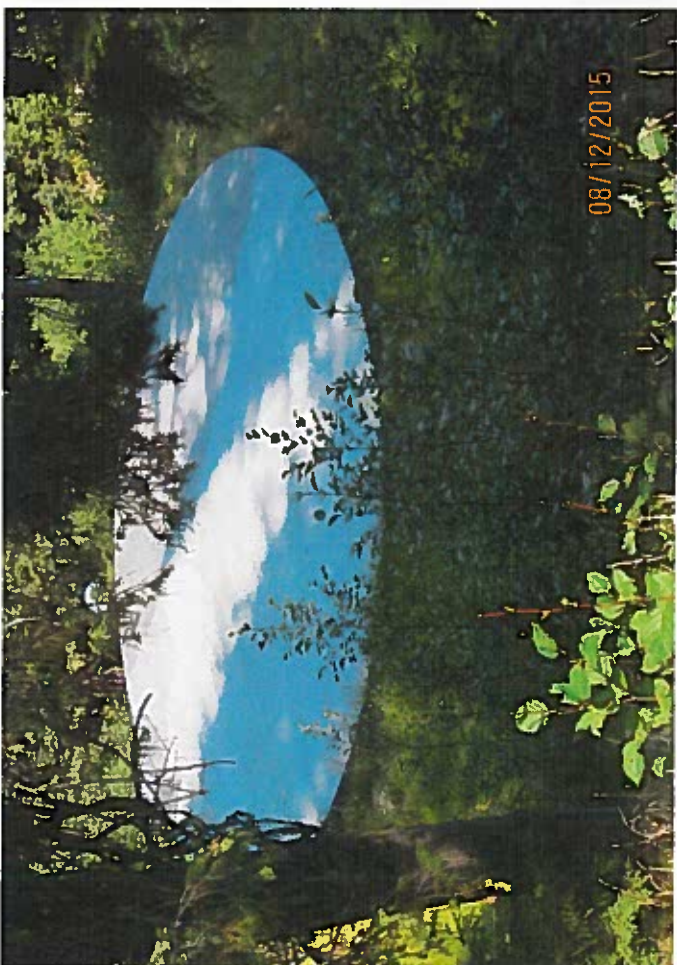
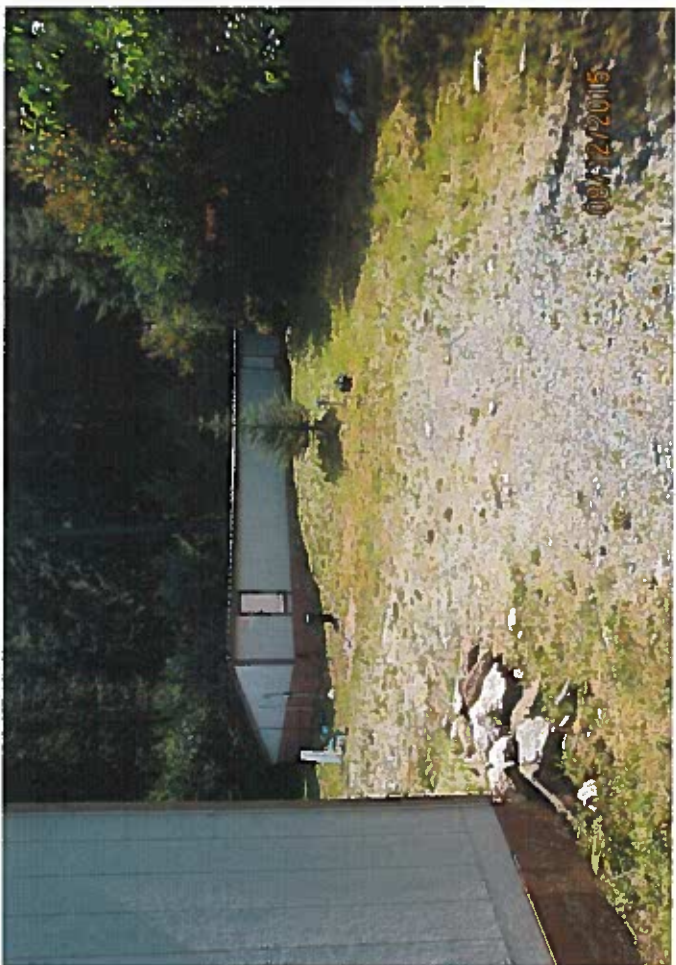
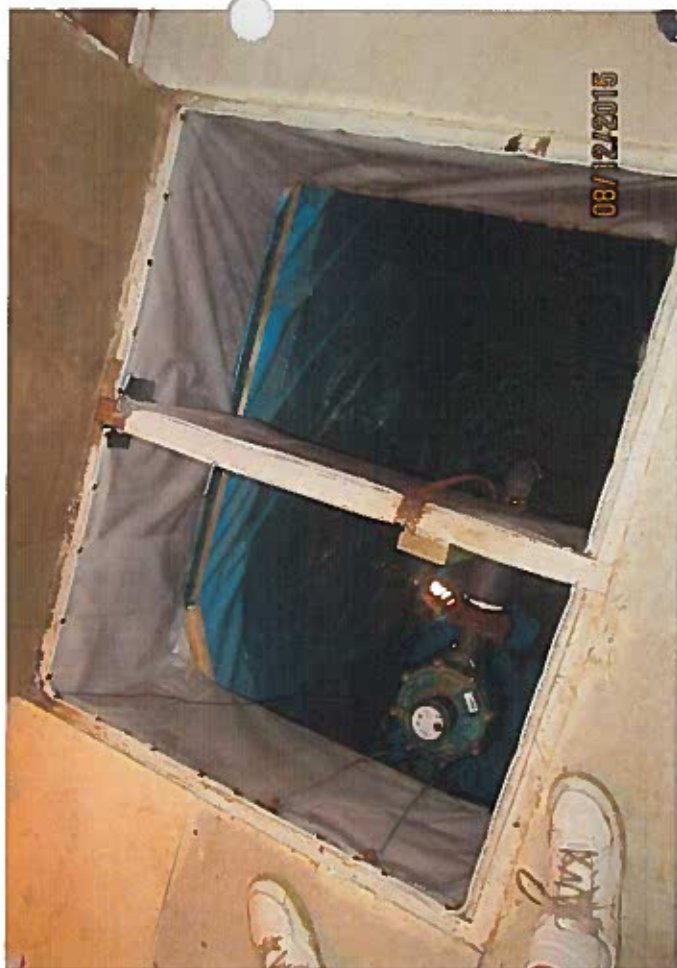
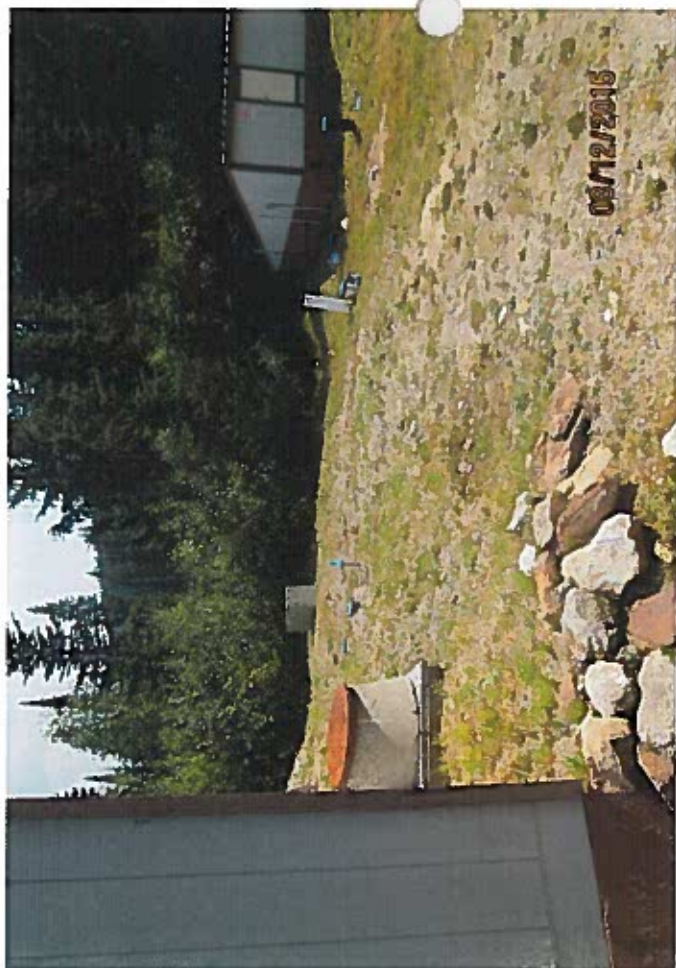
0 0.075 0.15 0.3 Miles

-  Water Service Area Boundary
-  Townships
-  PLS Sections

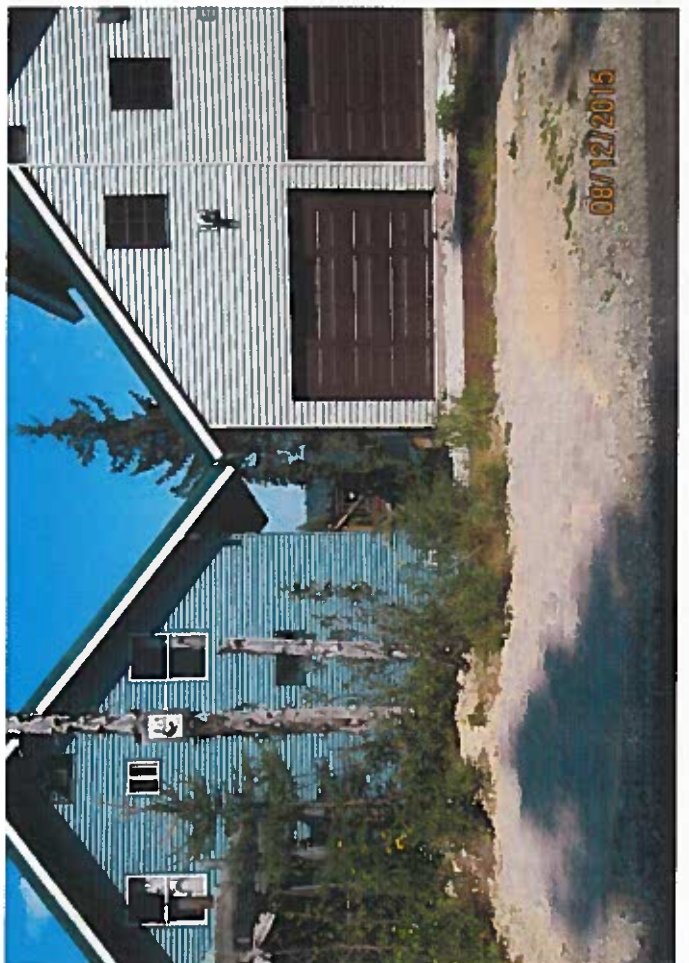




96-9219



96-9219



96-9219

August 12, 2015  
Schweitzer Basin Water LLC

### Comments About Usage of well 3

Well 3 was drilled Sept 8 - 13, 2006 by Bronson Water Wells

Well 3 (W3) is located about 300 feet up a road that starts at the first switchback on Mogul Hill road. W3 was pumped on October 23, 2006. The well drillers report is attached. A Sta Rite 1-½ horsepower pump (20 gpm) HS series, is set at 294 feet. After 24 hours, the water depth is 193 feet and the pump flows 22 gpm. The controls for it are located near the wellhead, including the Franklin Electric Pump Protection Pumpteck No Load Sensor, model 580020116. Before the W3 water flows into R3, it flows through 1 ½ inch Badger meter, sealed magnetic drive, self-powered pulse generator RCDL Disc Model M70, located in a manhole close to the well. The wellhead and surface seal have been maintained. The manifold tag number for W1, W2 and W3 is E0005575.

For wells 1, 2, 3, and 4, plus sand filter, the total production is 148.5 gpm. Removing the largest water production source, well 1, 47.5 gpm, leaves 101 gpm. Our population uses 225 gallons per ERU. The 101 gpm provides water for 646 ERU's.

When well 3 is removed, 101 – 22 gpm, there is 79 gpm. This provides water for 506 ERU's.

Well 3 provides water for 140 ERU's. (Double checking  $22 \text{ gpm} \times 1440 / 225 = 140 \text{ ERU's}$ .)

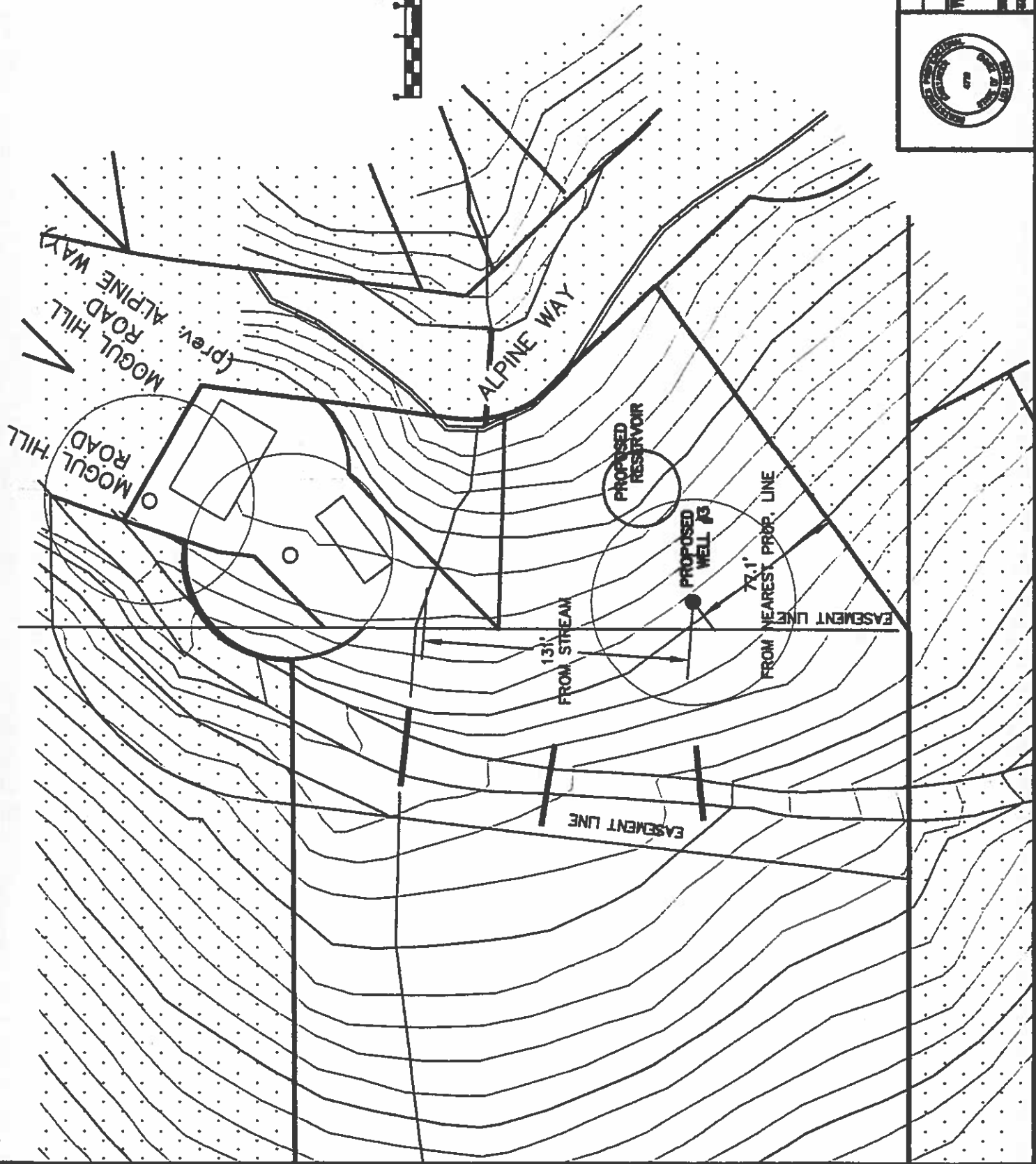
Mel Bailey, owner  
Schweitzer Basin Water LLC  
208-610-2318



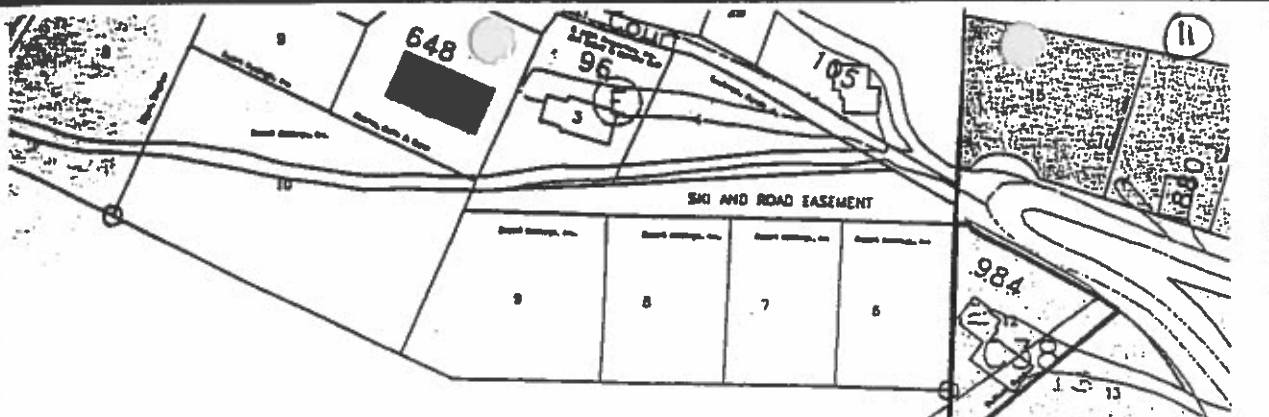
GRAPHIC SCALE



10



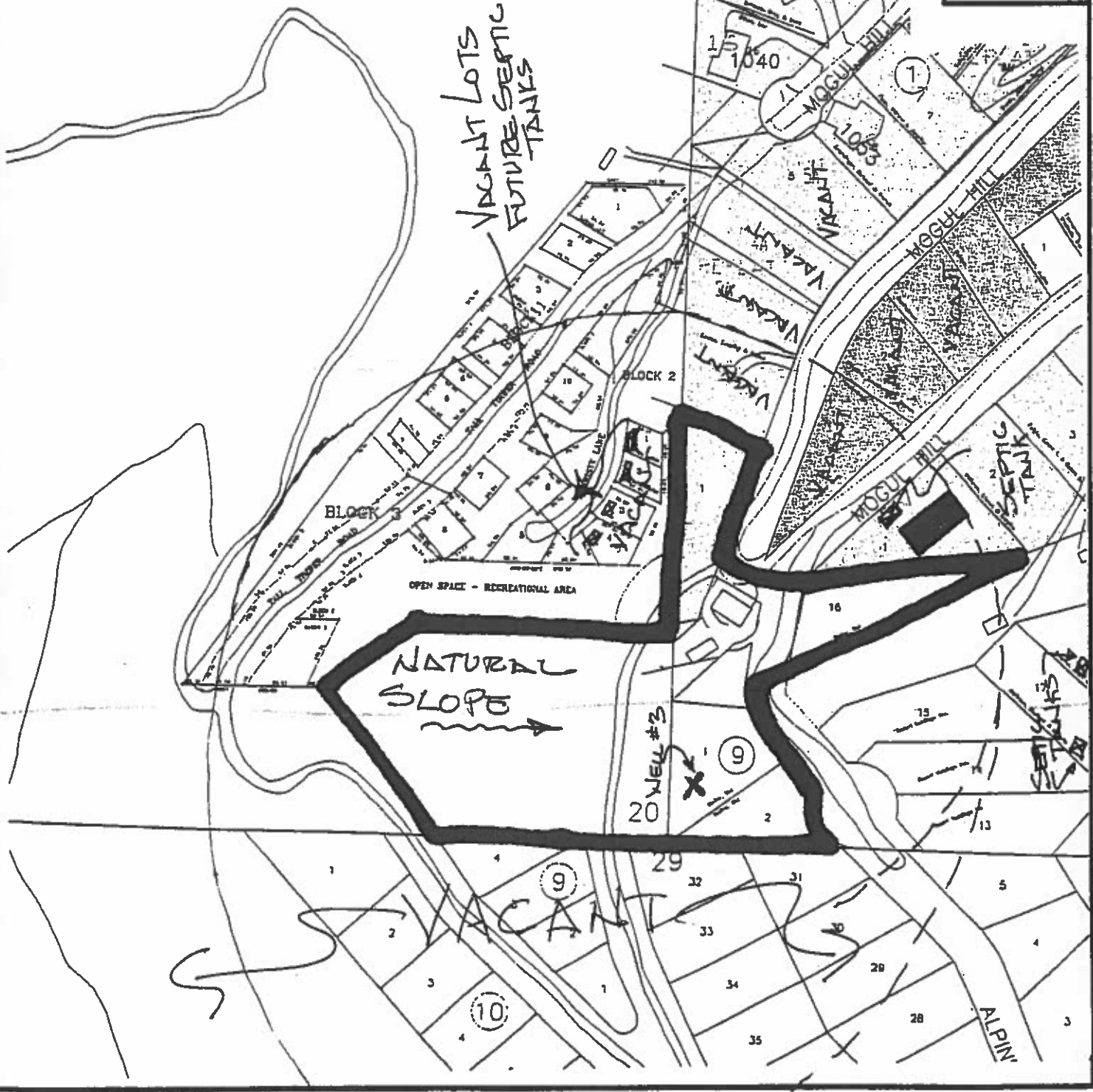
|                                                               |         |
|---------------------------------------------------------------|---------|
| SCHWEITZER WATER CO.                                          |         |
| WELL #3                                                       |         |
| Welch Engineering, Inc.                                       |         |
| CITY OF LOS ANGELES - 870222220                               |         |
| P.O. BOX 104 - 800 N. GILBERT ST. - LOS ANGELES, CALIF. 90012 |         |
| DATE                                                          | 1-14-68 |
| BY                                                            | 1003    |
| OF                                                            | 1       |



**SCHWEITZER WATER CO.**  
WELL #3 - POSSIBLE SOURCE OF CONTAMINATION

**Welch Engineering, Inc.**  
CITY OF ALPINE - SCHWEITZER  
P.O. BOX 100 - ALPINE, CALIF. 92521

DATE: 9-14-03  
DRAWN BY: [Signature]  
CHECKED BY: [Signature]



# COPY

## IDAHO DEPARTMENT OF WATER RESOURCES

## WELL DRILLER'S REPORT

## Office Use Only

Well ID No. \_\_\_\_\_  
Inspected by \_\_\_\_\_  
Twp \_\_\_\_\_ Rge \_\_\_\_\_ Sec \_\_\_\_\_  
1/4 1/4 1/4  
Lat: \_\_\_\_\_ Long: \_\_\_\_\_

1. WELL TAG NO. D 0045098  
DRILLING PERMIT NO. 841397  
Water Right or Injection Well No. 96-9219

## 2. OWNER:

Name Schweitzer Basin Water Co Inc  
Address P.O. Box 772  
City Sagle State ID Zip 83860

## 3. LOCATION OF WELL by legal description:

You must provide address or Lot, Bk, Sub. or Directions to well.  
Twp. 58 North ☒ or South ☐  
Rge. 2 East ☐ or West ☒  
Sec. 20 SE 1/4 SE 1/4 SW 1/4  
Gov't Lot \_\_\_\_\_  
County Bonner  
Lat: \_\_\_\_\_ Long: \_\_\_\_\_  
Address of Well Site Mogul Hill Rd

(Give at least name of road - Distance to Road or Location)

City Sandpoint  
Li. 1 Bk. 9 Sub. Name Schweitzer Basin  
Village 2nd Addit

## 4. USE:

☐ Domestic ☒ Municipal ☐ Monitor ☐ Irrigation  
☐ Thermal ☐ Injection ☐ Other \_\_\_\_\_

## 5. TYPE OF WORK check all that apply

(Replacement etc.)

☒ New Well ☐ Modify ☐ Abandonment ☐ Other \_\_\_\_\_

## 6. DRILL METHOD:

☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other \_\_\_\_\_

## 7. SEALING PROCEDURES

| Seal Material | From | To | Weight / Volume | Seal Placement Method |
|---------------|------|----|-----------------|-----------------------|
| bentonite     | 0    | 60 | 450lbs          | surface pipe          |

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 60ft

Was drive shoe seal tested? ☐ Y ☒ N How? \_\_\_\_\_

## 8. CASING/LINER:

| Diameter | From | To  | Gauge | Material | Casing                              | Liner                               | Welded                              | Threaded                 |
|----------|------|-----|-------|----------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|
| 6        | +2   | 60  | 280   | steel    | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4        | -5   | 305 | 200   | pvc      | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Length of Headpipe \_\_\_\_\_ Length of Tailpipe \_\_\_\_\_

Packer ☐ Y ☒ N Type \_\_\_\_\_

## 9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method saw

Screen Type & Method of Installation \_\_\_\_\_

| From | To  | Slot Size | Number | Diameter | Material | Casing                   | Liner                               |
|------|-----|-----------|--------|----------|----------|--------------------------|-------------------------------------|
| 265  | 305 | 1/8x5     | 40     | 4        | pvc      | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

## 10. FILTER PACK

| Filter Material | From | To | Weight / Volume | Placement Method |
|-----------------|------|----|-----------------|------------------|
|                 |      |    |                 |                  |

## 11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

+2 ft. below ground Artesian pressure 0 lb.  
Depth flow encountered 65 ft. Describe access port or control devices: cap

## 12. WELL TESTS:

☐ Pump ☐ Bailor ☒ Air ☐ Flowing Artesian

| Yield gal/min. | Drawdown | Pumping Level | Time     |
|----------------|----------|---------------|----------|
| 10             |          | 300           | 1 1/2 hr |

Water Temp. cold Bottom hole temp. \_\_\_\_\_

Water Quality test or comments: clear

Depth first Water Encounter 65

## 13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Water

| Bore<br>Dial | From | To  | Remarks: Lithology, Water Quality & Temperature | Y | N |
|--------------|------|-----|-------------------------------------------------|---|---|
| 100          | 45   |     | decomposed granite sand                         |   |   |
|              | 45   | 58  | decomposed granite                              |   |   |
|              | 58   | 60  | firm salt pepper granite                        |   |   |
|              | 60   | 68  | decomposed granite                              | x |   |
|              | 68   | 116 | firmer salt&pepper some brown granite           |   |   |
|              | 116  | 117 | soft salt&pepper granite                        | x |   |
|              | 117  | 129 | firm salt&pepper granite                        |   |   |
|              | 129  | 131 | decomposed granite                              |   |   |
|              | 131  | 138 | firm salt&pepper granite                        |   |   |
|              | 138  | 139 | decomposed granite                              |   |   |
|              | 139  | 305 | firm salt&pepper soft spots thru out            |   |   |

Completed Depth 305ft (Measurable)

Date: Started 9-8-06 Completed 9-13-06

## 14. DRILLER'S CERTIFICATION

I/we certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name Bronson Water Wells Firm No. 360

Principal Driller Clint Bronson Date 9/23/06

Driller or Operator II \_\_\_\_\_ Date \_\_\_\_\_

Operator I \_\_\_\_\_ Date \_\_\_\_\_

Principal Driller and Rig Operator Required.  
Operator I must have signature of Driller/Operator II.

FORWARD WHITE COPY TO WATER RESOURCES