

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 96-9129

Exam Date: 7/1/2008

1. Current Owner: RESORT WATER CO INC
165 ~~165~~ VILLAGE LN STE A
SANDPOINT ID 83864-9388
(208)263-3331
2. Accompanied by: Jim Lackey
Phone No: SAME
Address: SAME
Relationship to Permit Holder: operator

3. SOURCE**TRIBUTARY**

GROUND WATER

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:**

GROUND WATER	NW1/4SW1/4	Sec. 20,	Twp 58N,	Rge 02W, B.M.
BONNER County				
GROUND WATER	SW1/4NW1/4	Sec. 20,	Twp 58N,	Rge 02W, B.M.
BONNER County				
GROUND WATER	SW1/4NW1/4	Sec. 20,	Twp 58N,	Rge 02W, B.M.
BONNER County				

Method of Determination: MAP

2.

PLACE OF USE: MUNICIPAL

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
58N 02W 20		X	X				X	X		X	X				X		

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.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
Well #4	u/k	5	u/k	Grundfos	60S50-7
D0010705	u/k	5	u/k	Goulds	5CLC005
D0010706	u/k	2	u/k	Grundfos	75S20-3

*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: *See attached performance P&P curves.*

E. FLOW CALCULATIONS

Measured Method:

☒ Additional Computation Sheets Attached

F. 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:

No Volume: MUNICIPAL use.

G. NARRATIVE/REMARKS/COMMENTS

PWS ID 1090123

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>
MUNICIPAL	01/01 to 12/31	0.620 CFS
<u>Totals:</u>		0.620 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 ☐ Other

I. AUTHENTICATION

Field Examiner's Name

Eric R. Rudge

Date

9-23-2008

Reviewer

Eric R. Rudge

Date

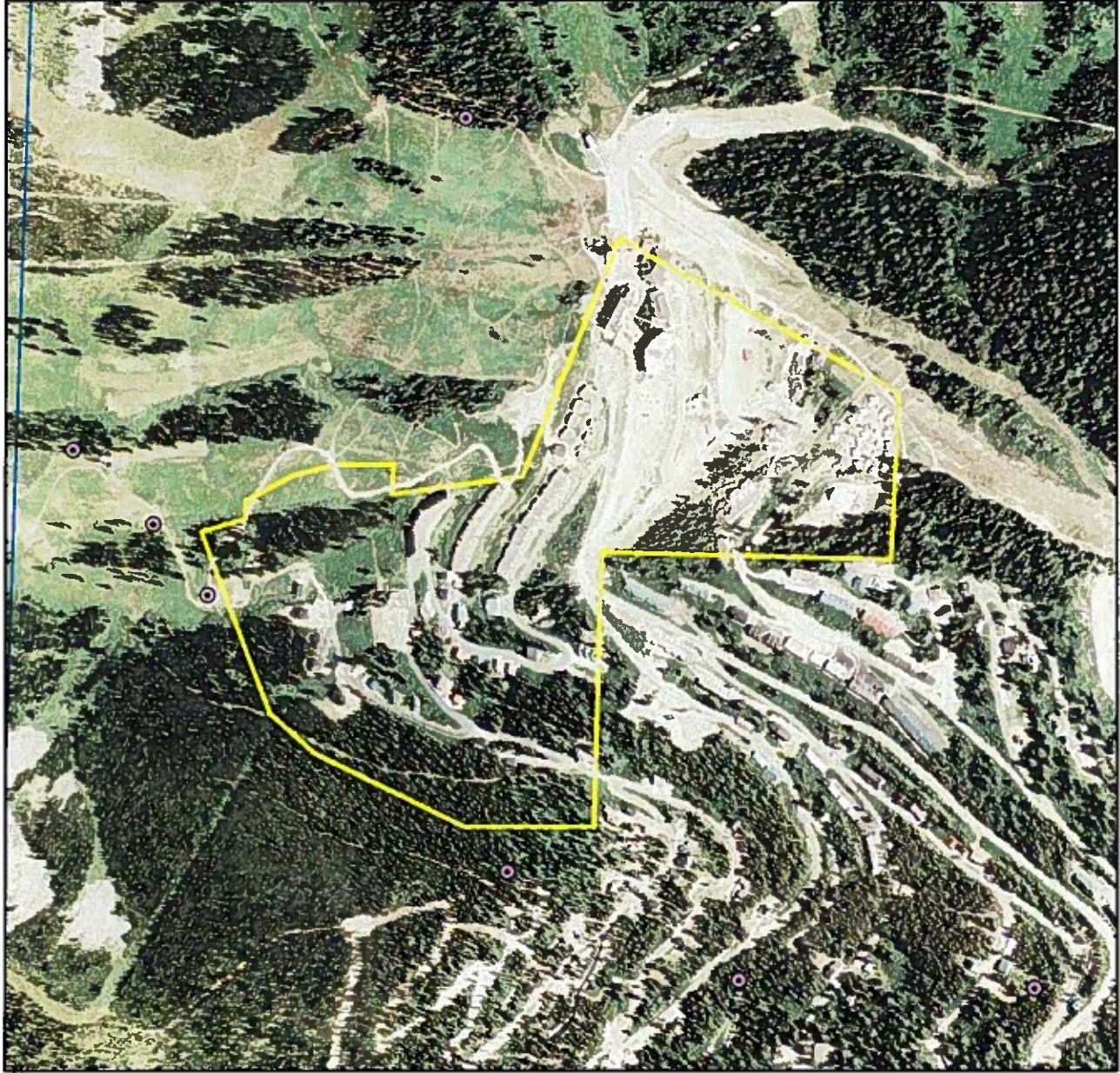
10/27/8

PUMP EQUATIONS WATER RIGHT No.			WELL# 4 96-9129		
	HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
Q = $HP \cdot 8.8 \cdot \text{Eff} / H$	5	112.0816327	0.7	8	45
Q = 0.275 cfs			123.5 gpm		

PUMP EQUATIONS WATER RIGHT No.			WELL # 5 96-9129		
	HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
Q = $HP \cdot 8.8 \cdot \text{Eff} / H$	5	118.0816327	0.7	14	45
Q = 0.261 cfs			117.3 gpm		

PUMP EQUATIONS WATER RIGHT No.			WELL # 6 96-9129		
	HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
Q = $HP \cdot 8.8 \cdot \text{Eff} / H$	2	140.0816327	0.7	36	45
Q = 0.088 cfs			39.5 gpm		

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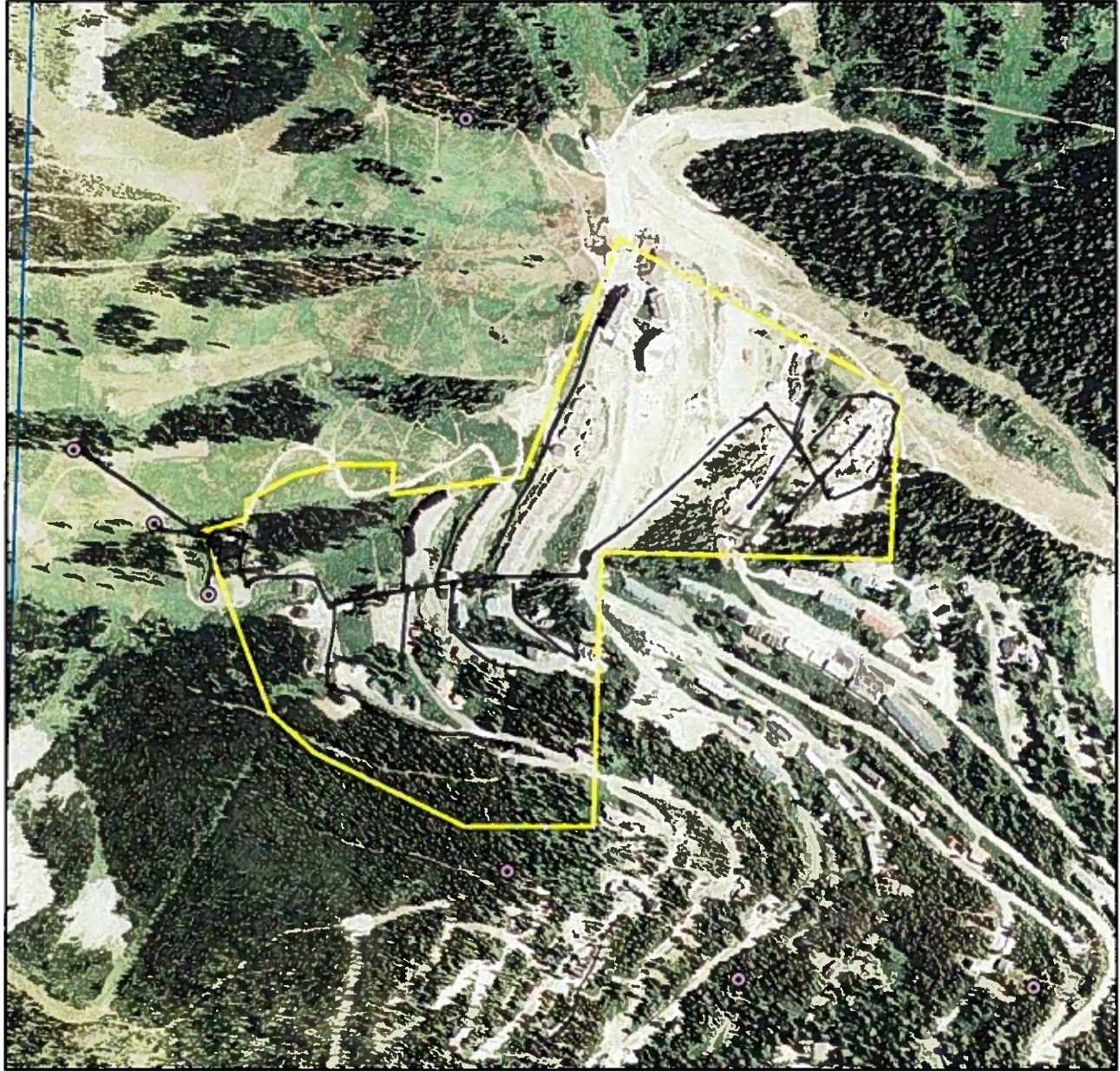
Legend

- ⊙ Right POD
- place of use

0 205 410 820 1,230 1,640 Feet



SYSTEM



Legend

- ⊙ Right POD
- place of use

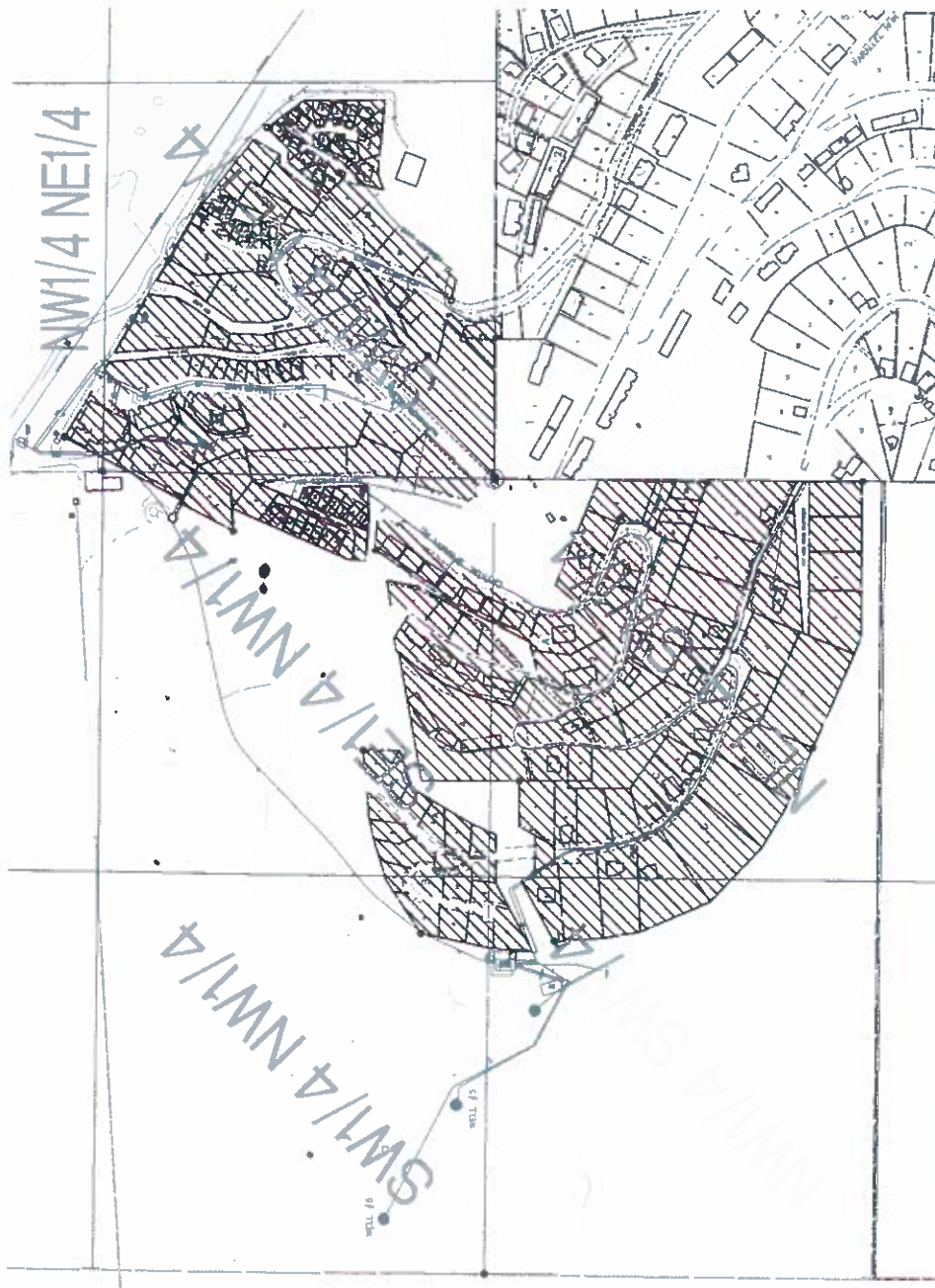
0 205 410 820 1,230 1,640 Feet



RESORT WATER COMPANY IDWR APPLICATION FOR PERMIT to appropriate public waters

BONNER COUNTY, IDAHO

RECEIVED
FEB 27 2003
IDWR/Nort



POINTS OF DIVERSION:
WELL #4 - T58N, R2W, SEC20,
NW1/4, SW 1/4
WELL #5 - T58N, R2W, SEC20,
SW1/4, NW 1/4
WELL #6 - T58N, R2W, SEC20,
SW1/4, NW 1/4

PLACE OF USE:
T58N, R2W, SEC20
SW1/4 NW1/4
SE1/4 NW1/4
SW1/4 NE1/4
NW1/4 NE1/4
NW1/4 SW1/4
NE1/4 SW1/4



James A. Sewell and Associates
CONSULTING ENGINEERS
SANDPOINT, IDAHO, 83864
(208) 263-4160



RESORT WATER COMPANY
IDWR APPLICATION FOR PERMIT

WATER RIGHTS
PROJECT:
DATE: 2-28-2003
SCALE: AS SHOWN
DRAWN BY: JAS
CHECKED BY: JAS
DATE: 2-28-2003
SHEET 1 OF 1



WELL TAG.JPG



METER 1.JPG



METER 2.JPG



METER 3.JPG



POU.JPG



POWER.JPG



PUMP HOUSE.JPG



SYSTEM.JPG



WELL 4.JPG



WELL 5 .JPG

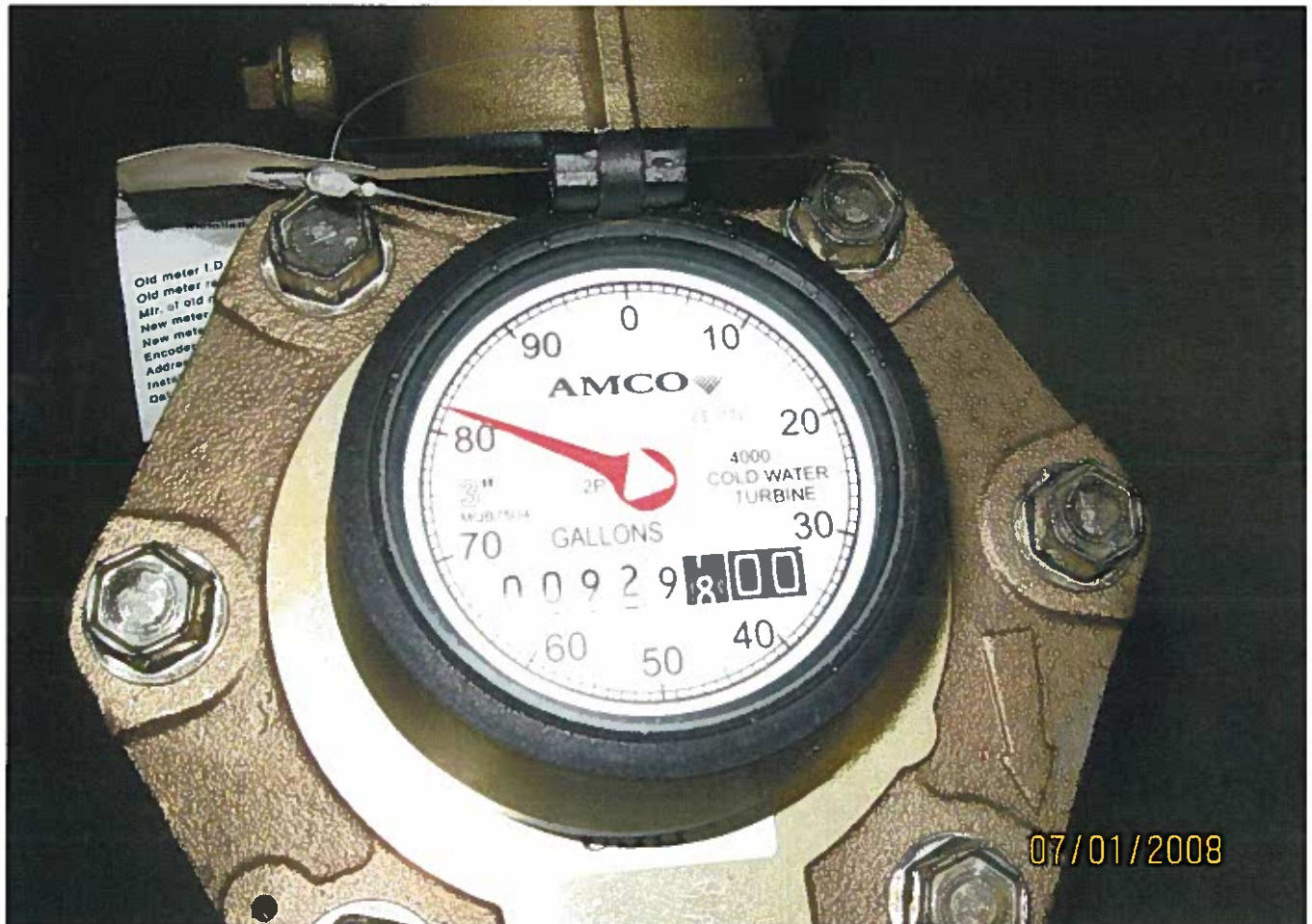


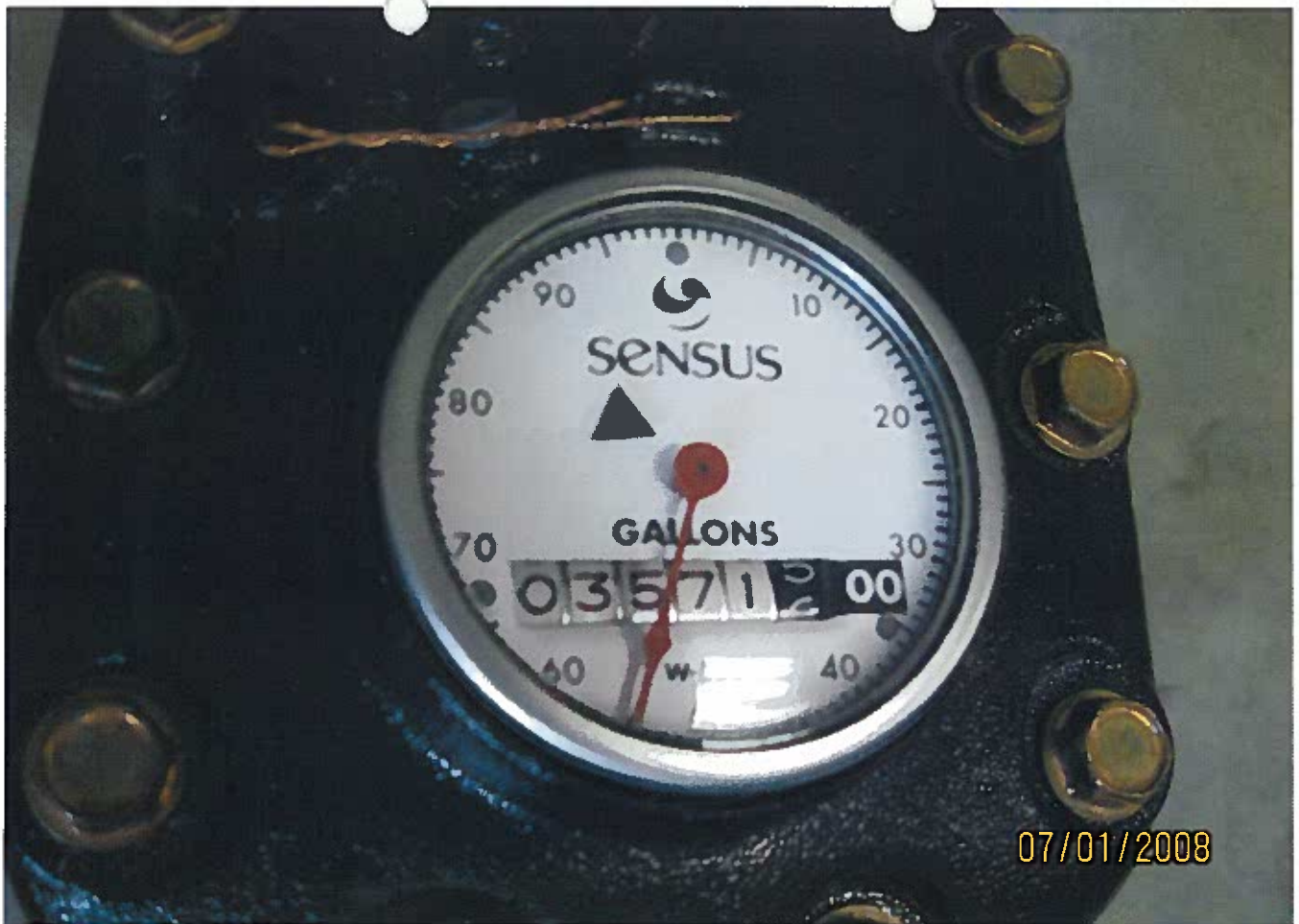
WELL 6.JPG

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