

Twp Rge Sec	NE	NW	SW	SE	Totals
55N 02W 19	<u>NE</u> <u>NW</u> <u>SW</u> <u>SE</u>	<u>NE</u> <u>NW</u> <u>SW</u> <u>SE</u>	<u>NE</u> <u>NW</u> <u>SW</u> <u>SE</u>	<u>NE</u> <u>NW</u> <u>SW</u> <u>SE</u>	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
	Jet	2	8-152001-02	Centrifugal	7965358

*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. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

PUMP EQUATIONS WATER RIGHT No. 96-9326						
		HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
Q =	HP*8.8*Eff/H	2	283.7755102	0.7	145	60
Q =	0.043 cfs 19.5 gpm					

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: Domestic use is 1.2AF

G. NARRATIVE/REMARKS/COMMENTS

Have conditions of permit approval been met? X 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	1.2 AF
<u>Totals:</u>		0.040 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 J. Davis Date 8-29-08
 Reviewer [Signature] Date 9/4/8

96-9326



Legend

- QQ
- Right POD
- Sections

0 15 30 60 90 120 Meters



SYSTEM

96-9326



Legend

- QQ
- Right POD
- Sections

0 15 30 60 90 120 Meters





IRR.JPG



creek POD.JPG



SYSTEM.JPG



PUMP TAG.JPG



PSI.JPG



MOTOR.JPG



POU.JPG

96-9326



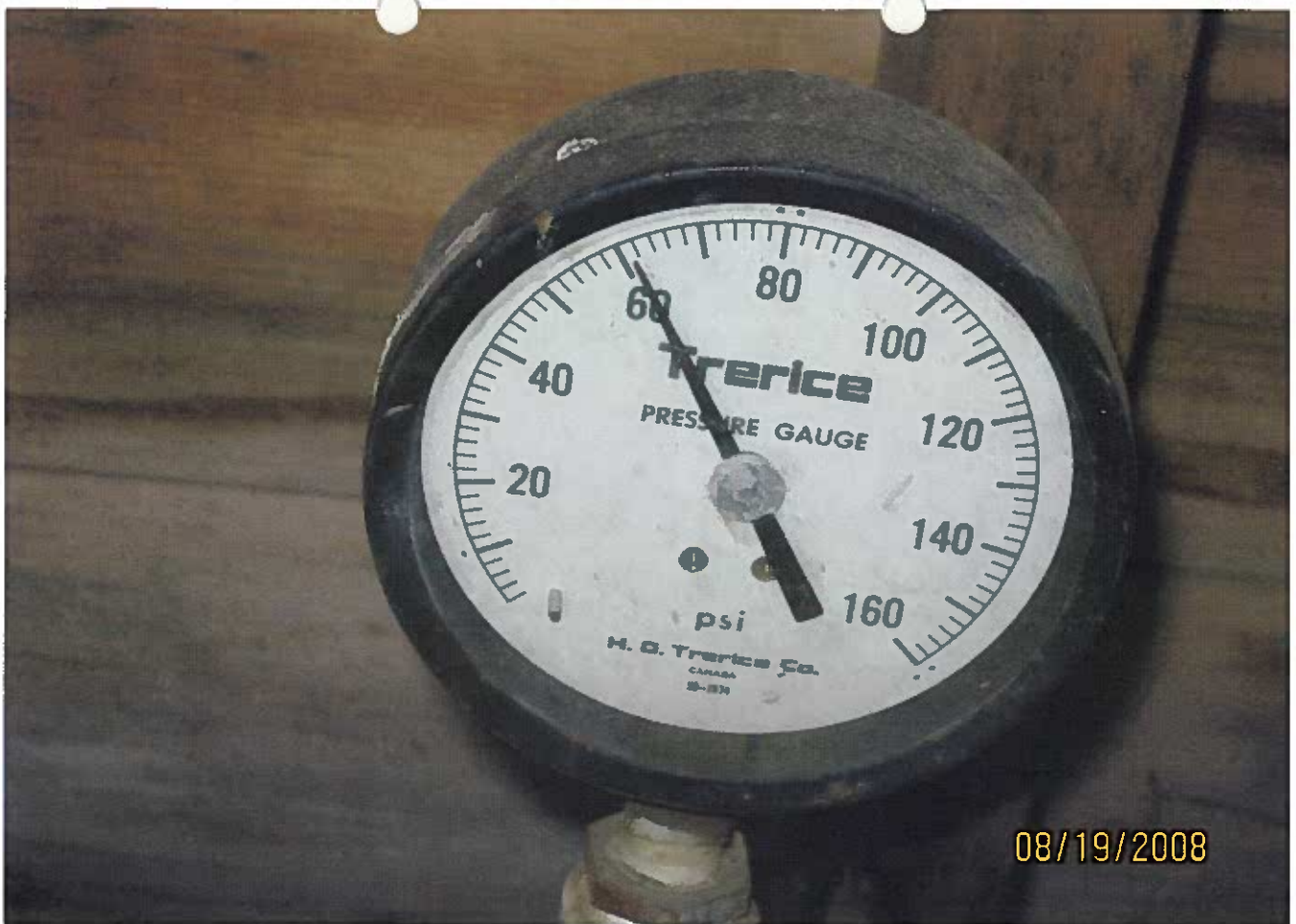
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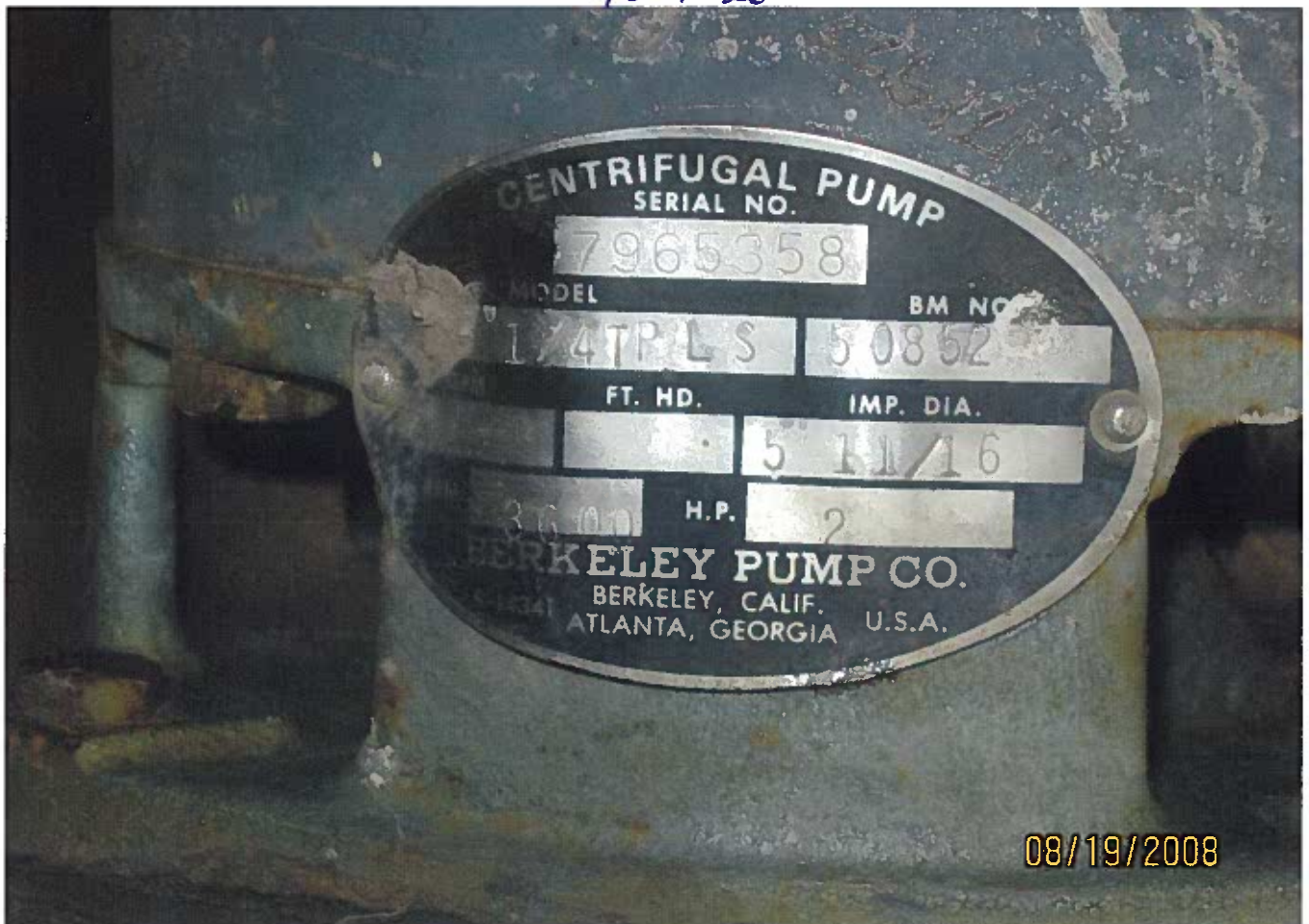
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