

- 1-15-03 : Evidence of a well drilled in 1929.
: Statutory Claim filed in 1936 claiming a priority date of 1937 with two wells.
: No evidence of when 2nd well was drilled but it seems that since priority date was claimed 8 years after claimant's evidence supports, that the 2nd well was probably drilled on or prior to 1937.
: Priority date good with diversion rate from both wells.
: Diversion Rate Calculations as follows:

1) all pumps except well 1 shut off.
meter read 100-200 GPM. Rec max of 200 GPM or 0.45 cfs

2) All pumps except well 2 shut off.
meter read 100 GPM. Rec 100 GPM or 0.22 cfs

Total diversion rate 0.67 cfs

Diversion Volume:

$$V = (0.67)(1.9853)(365) = \boxed{485 \text{ Af}}$$

↳ (This calculation is the same used for licensing of 29-07076)

5/24/02 : 1-800-237-8535 - Turkom

Ronda is office Manager.

: Called and left message to call back : 4:15

5/28/02: Craig Pulvan - Field Exam - Setup by phone

5/29/02 # look up 29-07855 - Not included in SRBA
OK } on Record. licensed for 0.67 cfs + 4385 AP
Capacity of 0.720 cfs according

: Look up 29-07151 - 1973 - Permit - look if lapsed
says well #3 (This is lapsed as 7/11/02)

: Total of 4 wells + River Pump.
All pump into a Common System into a tank. Unknown size

: James
: ~~James~~ Showing me the System - Been Here Since 1984

: #1 10 horse Seiburgville
Goult 8C1C01064E
Replacement Last Full 100' deep
100-200 GPM

#2 10 HP Franklin 112
Grundfos 150S100-05 ~ 35 ft Apru
100 GPM ~ 50'
- Quarry

643132
189352

#3 7.5 HP Franklin
Grundfos 80375-8
Supplier MTH Building only
~ 100-100'

#4 Unknown 700' deep Pump
15 GPM Drinking Water 176 dm
400-550 model
7-17-00 - Amps 8.9

River Pump - Intermittent 2 or 4
Tsurumi months out of
KTU-37 years River only

5 HP Sub pump
- designed to Run 150 GPM -
~ 130 GPM
100 GPM
~ 250-260 GPM

Flow Meter McCrometer

350
SN 234-3275-202
PA/AZ 60
Volt 460

Storage Water tank
~ 19.5 ft diameter

8' + 8' 8'6" = 24'6" high

$$V = \pi r^2 H = (\pi) \left(\frac{19.5}{2} \right)^2 (24.5 \text{ ft}) = (7317 \text{ ft}^3) \left(\frac{7.48059}{1 \text{ ft}^3} \right) = 54733.8 \text{ gal}$$

7-11-02: Storage Component

Height of storage tank = 24.5 Feet

Diameter of storage tank = 19.5 Feet

$$: V = \pi r^2 H = (\pi) \left(\frac{19.5 \text{ ft}}{2} \right)^2 (24.5 \text{ ft}) = 7317 \text{ ft}^3$$

$$: (7317 \text{ ft}^3) \left(\frac{7.4805 \text{ gal}}{1 \text{ ft}^3} \right) = 54733.8 \text{ gal}$$

$$: 54734 \frac{\text{gal}}{\text{d}} \left| \frac{1 \text{ day}}{24 \text{ hr}} \right| \left| \frac{1 \text{ hr}}{60 \text{ min}} \right| \left| \frac{1 \text{ min}}{60 \text{ sec}} \right| \left| \frac{1 \text{ ft}^3}{7.4805 \text{ gal}} \right| = 0.085 \frac{\text{ft}^3}{\text{s}}$$

So 0.085 cfs running 24 hours fills storage tank.

No Storage Component Needed