

9/18/2003

25-10794

WELL # 1, drilled in 1960, 50 HP
pics 1 + 2
operating at 32 psi at time of exam, (owner gage).

P/D 056 GPS 10 M north of pump
N 291070 E 0007460
E 660710

P/D 057 E 0007459 WELL # 2
N 291018
E 660803 60 HP, used primarily as
pic 1856 backup to well # 1

Per Ray, new well drilled about 10 years ago
has been used for culinary use. Is currently
being reconfigured to irrigate lawn w/
underground sprinkler system. 2 of 3
sand pt wells will no longer be used.
Sand point N of office still in use.
2 HP + 5 HP pumps in new well.

058 P/D N 290915 New well w/ 5 HP + 2 HP pumps
E 660867 used for culinary + ir of lawn.
350 employees.

sandpoint well previously used for culinary use in office. Well has been capped and is no longer in use.

059

P/O N 291087 office well
E 660864

Still need to talk to Todd Scott to obtain operating PSI and historical volume info, and when office pump was abandoned and new well constructed.

10/8/2003

Talked w/ Todd Scott. He confirmed that well #2 is a backup well, used when #1 is down. Pump #1 is an artesian well. They maintain a constant 42 psi on the system. When they run the backup pumps, they try to maintain 42 psi as well.

The new well that replaced the sand point for culinary use was put in in 1992. The sand pt office well provided water for the office and packaging plant. Todd will send DEQ reports on annual volume for their process in a couple days.

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From WMS:

E0007460 "LEW PLANT INSIDE"

N 291040.10

E 660668.60

OPERATOR: TODD SCOTT 754-4686

On 10/1/2001 I measured
442 GPM during QMTR
calibration again. (NEWS 1+2)
631 AF reported in 2002.

12/22/2003 25-10794

SWL = 12' per well construction
database.

$$Q = \frac{(50 \text{ HP}) (8.814) (0.70)}{12' + (2.31 \times 42)} \\ = 2.83 \text{ cfs}$$

VOLUME

INDUSTRIAL

$$1.25 \text{ cfs} \times 1.9835 \times 250 \text{ days} = 620 \text{ AFA}$$

DOMESTIC

$$0.01 \text{ cfs} \times 8 \text{ hours} \times 250 \text{ days} = 1.7 \text{ AFA}$$

Per Tom Rackow at DEQ,
NW Land app was reported
as 369 million gallons
in 1987.