

CABLE ADDRESS "PERMUTIT"

# THE PERMUTIT COMPANY

MAIN OFFICE ... NEW YORK, N.Y.

*Water Conditioning*

Los Angeles, California  
December 10, 1937

EXCESS ZEOLITE WATER SOFTENING  
EQUIPMENT WITH SINGLE VALVE AND  
FULLY AUTOMATIC CONTROLS...  
AND COLD LIME-SODA SOFTENERS  
INTERNAL BOILER WATER TREATMENT

FILTERS TO REMOVE DIRT, OIL, TASTE  
AND ODOR-SWIMMING POOL EQUIPMENT  
CHEMICAL FEEDS-HEAT RECLAIMERS  
CONTINUOUS BLOWOFF EQUIPMENT  
ANALYZERS CO<sub>2</sub> AND DENSITY RECORDERS

Please Reply To

Los Angeles, Calif. Sales Office  
909 Wright & Callender Building

U. A. Hammett

District Sales Manager

Telephone: TUCKER 3311

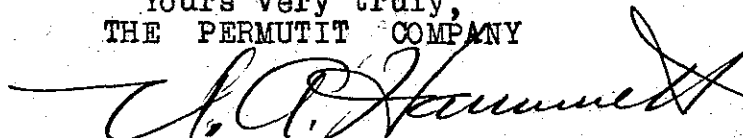
Mr. E. F. Seagle,  
SUN VALLEY VILLAGE,  
Ketchum, Idaho.

Dear Sir:

We are pleased to attach herewith an analysis of the well water which you forwarded to our laboratory several months ago, and the reason for the delay in returning this analysis to you is because the analysis was mislaid in our New York office. We trust that this has not caused you any inconvenience.

Anything further which we may be able to help you with in your water problem please consider us at your service.

Yours very truly,  
THE PERMUTIT COMPANY



U.A. Hammett  
District Sales Manager

UAH:BRH  
Enclosure

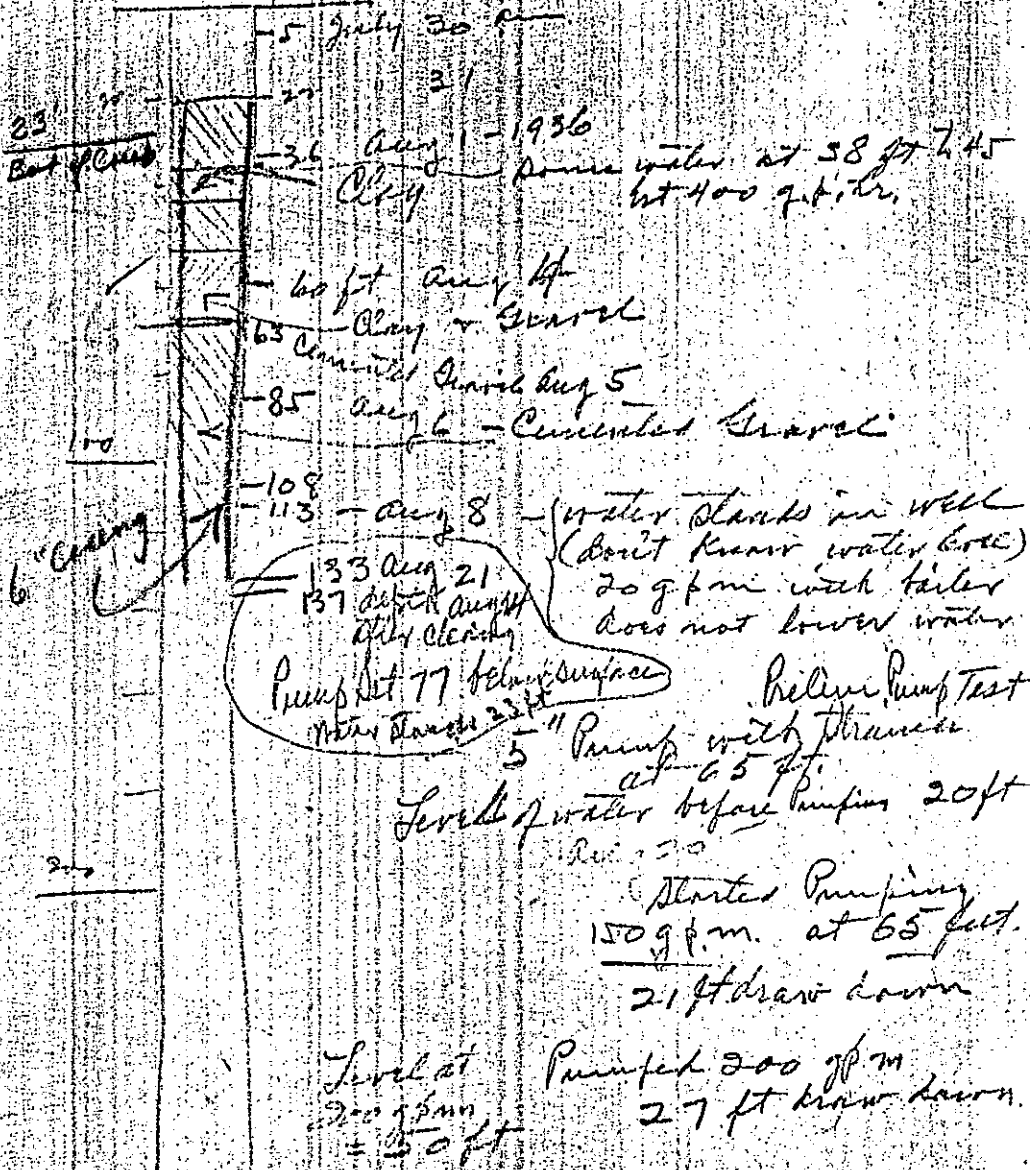
CC: Mr. W.T. Wellman, Architect, Union Pacific Railroad Co., Los Angeles.

SALES OFFICES: BOSTON/BRADENTON, FLA./BUFFALO/CHARLOTTE/CHATTANOOGA/CHICAGO/CINCINNATI/CLEVELAND/DETROIT/

KANSAS CITY, MO./LOS ANGELES/MINNEAPOLIS/PHILADELPHIA/PITTSBURGH/ST. LOUIS. FACTORIES: BIRMINGHAM, N.J./BROOKLYN, N.Y.

# No 1 - Near Trail Creek

10" hole 8" casing start



# WATER ANALYSIS

THE PERMUTIT COMPANY

330 WEST 42ND STREET

NEW YORK, N. Y.

Copies Los Angeles

sent \_\_\_\_\_

to \_\_\_\_\_

Name Sun Valley Village

Analysis forwarded 12/6/37

Ketchum, Idaho

Date analyzed 8/3/37

(Results expressed in parts per million)†

E. F. Seagle

Private well. #1. Sample taken  
at pump. Clear when drawn.

SOURCE OF SUPPLY

Laboratory Number P 80636

Total Hardness Calculated as  $\text{CaCO}_3$  208

Calcium Hardness " " "

Magnesium Hardness " " "

Alkalinity A (Methyl Orange) " " " 186

Alkalinity B (Phenolphthalein) " " " 0

Causticity (Alkalinity C) " " " 0

Free Carbon Dioxide " "  $\text{CO}_2$  10

Chlorides " "  $\text{Cl}$  5

Sulphates " "  $\text{SO}_3$  25

Iron " "  $\text{Fe}$  0.1

pH 7.5

Turbidity 3

Color 5

Total actual hardness as grains per U. S. gal. 13

\*Total compensated Hardness  
as grains per U. S. gallon 13

222 P.F.M.

\*Compensated Hardness includes addition for Sodium Salts  
etc. and is to be used for calculating capacities.

† 17.1 parts per million = 1 grain per U. S. gallon

Straight Zeolite- Zeo-Dur-Super-Zeo-Dur  
Decalso- Zeo-Karb

Well No. 2 - Sun Valley 1936

12" Hole  
12" Casing Start

38' Down water Sept 14

12" Casing Cut  
12" Casing Bottom  
Sept 15

100  
12" Casing

125'

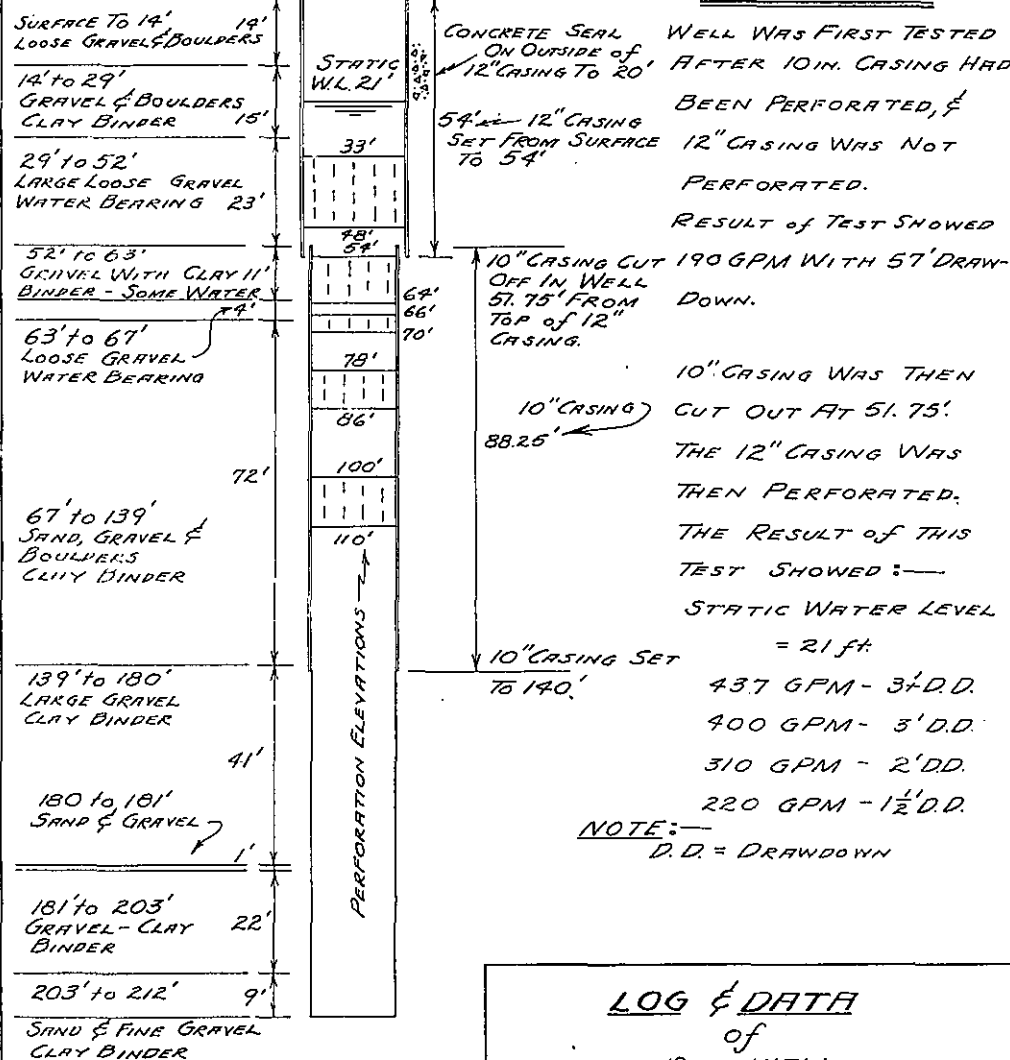
Sept 25 - water level at 30' below  
water level Sept 24  
that's water level 29'  
at 200 g.p.m.  
water level is 55 ft

200

# NOTE :-

ALL DEPTHS OF PUMPING LEVELS, STATIC WATER LEVEL, FORMATIONS, & PERFORATIONS MEASURED FROM TOP OF 12" CASING - ELEVATION LEVEL WITH GROUND SURFACE

## PUMP TEST



## LOG & DATA

of  
12 INCH WELL

DRILLED AT SUN VALLEY, IDA.  
FOR UNION PACIFIC R.R. CO.  
BY R.J. STRASSER DRILLING CO.

COMPLETED 7-28-48  
VERT. SCALE: 1" = 20'