

WRD Exp. (GW)  
April 1966

Well No. F21

WELL SCHEDULE

E-Log # 29

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

FILE COPY

MASTER CARD

Record by P. E. Grantham Source of data E Log + Dr. Lr. Date 8-26-67 Map Pheba Quad

State Mississippi County (or town) Clay

Latitude: 33° 56' 23" N Longitude: 088° 34' 52" W Sequential number: 1

Lat-long accuracy: 2 T 20 S, R 13 Sec 21 NE 1/4, SW 1/4, SW 1/4

Local well number: E021C2120N13E Other number: \_\_\_\_\_

Local use: 027029 Owner or name: Pheba Wtr Assoc.

Owner or name: SUNCREEK WA Address: \_\_\_\_\_

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist N

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other P

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. W

DATA AVAILABLE: Well data  Freq. W/L meas.:  Field aquifer char.

Hyd. lab. data: \_\_\_\_\_

Qual. water data; type: USGS 4/72

Freq. sampling:  Pumpage inventory: no, period: \_\_\_\_\_

Aperture cards: \_\_\_\_\_

Log data: E Log run 45-1034

WELL-DESCRIPTION CARD

Depth well: 1053 Meas. rept accuracy 6

Depth cased: 973 Casing type: Steel; Diam. 3x4 in 8

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. open perfor., screen, sd. pt., shored, open hole, other H

Method Drilled: air bored, cable, dug, hyd jetted, air rot., percussion, rotary, driven, drive wash, other H

Date Drilled: 8/67 Pump intake setting: 967 ft

Driller: Webb + Son Dr. Co., Belding, Miss

Lift (type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other S Deep 5 Shallow 40

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. Y Trans. or meter no. \_\_\_\_\_

Descrip. MP Weather station 1/2 mi N of center of well ft below LSD, Alt. MP \_\_\_\_\_

Alt. LSD: 29275 Accuracy: 280

Water Level: 97.7 ft above MP; Ft below LSD 9.6 Accuracy: \_\_\_\_\_

Date meas: 372 Yield: 100 gpm Method determined \_\_\_\_\_

Drawdown: 133 ft Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs

QUALITY OF WATER DATA: Iron \_\_\_\_\_ Sulfate \_\_\_\_\_ Chloride \_\_\_\_\_ Hard. \_\_\_\_\_

Sp. Conduct 1100 K x 10<sup>6</sup> Temp. 23.0 °F Date sampled 372

Taste, color, etc. PH = 8.4 USGS

MP. 1.2 From Floor of Pump house

✓  
NOV 14 1972

8/20/67  
140  
7.8 cut  
12  
130'

8/27/78  
WL = 110.

125'D  
7.1  
117.9  
1.2  
116.9  
11/29/88

PUNCHED and VERIFIED  
ROLLA COMPUTATION BRANCH

Well No.

F21

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Latitude-longitude \_\_\_\_\_  
N  
S  
d m s d m s

**HYDROGEOLOGIC CARD**

SAME AS ON MASTER CARD  Physiographic Province: 03 Section: \_\_\_\_\_

Drainage Basin: 13E Subbasin: \_\_\_\_\_

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat F

MAJOR AQUIFER: system \_\_\_\_\_ series K3 aquifer, formation, group TM

Lithology: VS Origin: 6 Aquifer Thickness: \_\_\_\_\_ ft  
Length of well open to: \_\_\_\_\_ ft 80 Depth to top of: 966? ft

MINOR AQUIFER: system \_\_\_\_\_ series \_\_\_\_\_ aquifer, formation, group \_\_\_\_\_

Lithology: \_\_\_\_\_ Origin: \_\_\_\_\_ Aquifer Thickness: \_\_\_\_\_ ft  
Length of well open to: \_\_\_\_\_ ft \_\_\_\_\_ Depth to top of: \_\_\_\_\_ ft

Intervals Screened: \_\_\_\_\_

Depth to consolidated rock: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_

Depth to basement: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_

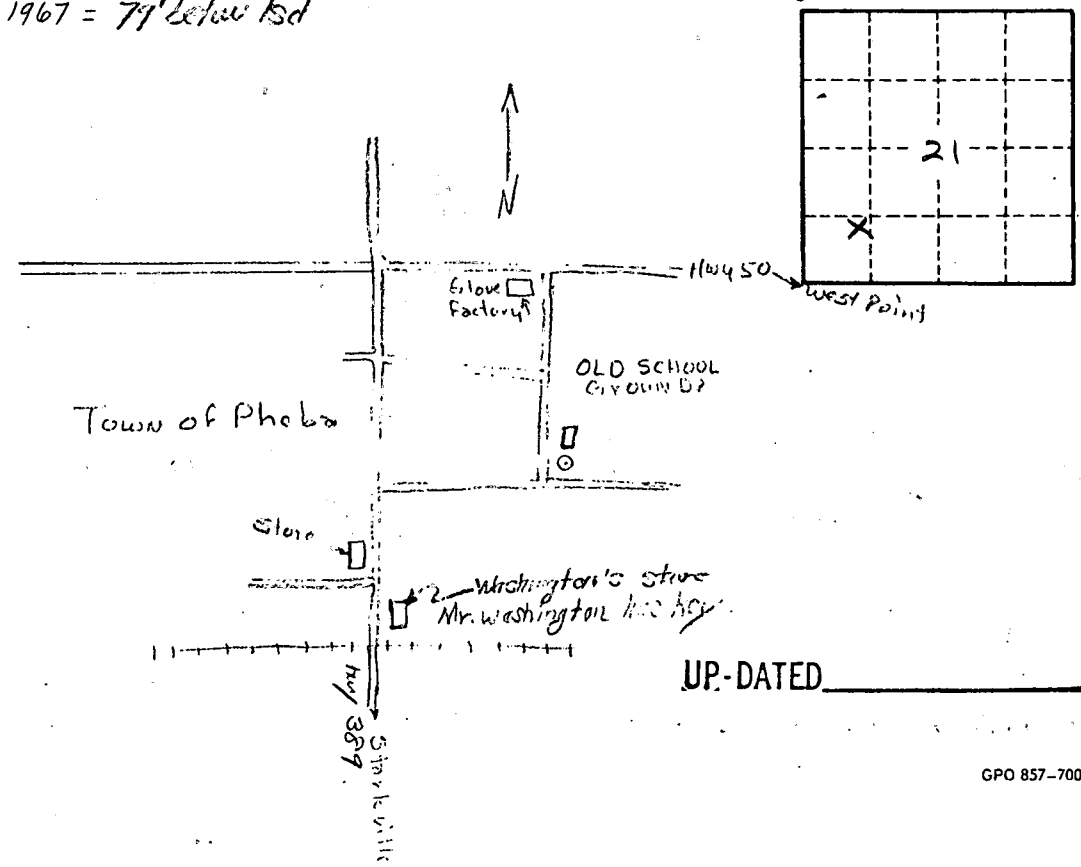
Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

Coefficient Trans: \_\_\_\_\_ gpd/ft \_\_\_\_\_ Coefficient Storage: \_\_\_\_\_

Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_

Water level by driller  
8; 1967 = 79' below lsd

4,000 gal. pressure storage tank



STRIKED BY WIND

Handwritten notes and scribbles.

Well No.

F21

UP-DATED



DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR  
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): mo/AA DATE: 4-14-99

UNIT DEQ #: \_\_\_\_\_ FILE #: B041418B

HEALTH DEPT. #: 130003-01 NO TAG ELEV.: 275

USGS #: F21 OLWR #: GW02273

OWNER: Sun Creek Water Inc. QUAD: Phieba

LOCATION: SU SU S 21 T 20N R 13E COUNTY: Clay

LOCATION DESCRIPTION: well in white pump house. at top  
Phieba station no. 7 st.

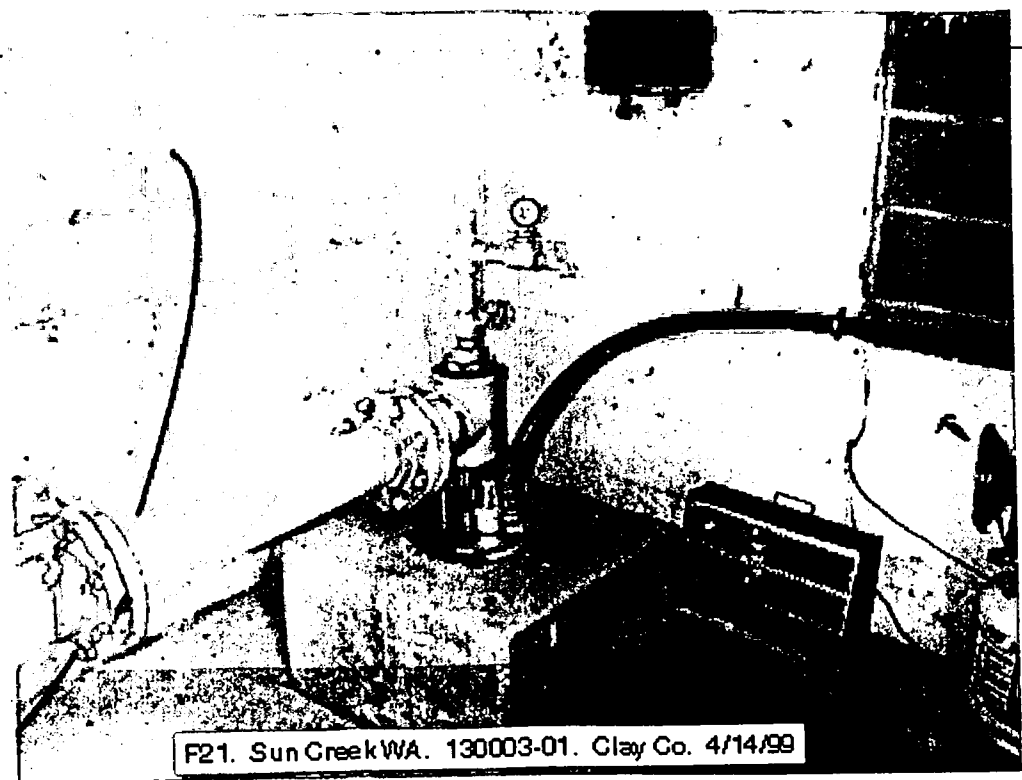
CASING DIAM: \_\_\_\_\_ PUMP TYPE AND SIZE: 54b

GPS FIELD LOCATION: LAT: 33 34 53.1 LONG: 88 56 48.4W

GPS CORRECTED: LAT: 33.581736 LONG: 88.947006

REMARKS: Phieba station <sup>NO</sup> #7 st.  
GPS 10 ft. W of well

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F21. Sun Creek WA. 130003-01. Clay Co. 4/14/99

