

No driller's log

7/2/96

OCT 31 1966

WRD Exp. (GW)
April 1966

2290

Well No. K120

G W O I 3 0 0 6 1 0 0 1 7 - W E L L S C H E D U L E

E-103374

PUNCHED

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

03=C, C5=SPRT

Record by JAC RN Source of data Layne Central Date 4/11/73 Map Jackson SE 2290

State 5 28 County (or town) Randolph 61

Latitude: 32 16 48 N Longitude: 09 00 76 W Sequential number: 1

Lat-long accuracy: 2 T. 5 S. R. 2 W. Sec. 17 NW 1/4, 56 N. NW 1/4

Local well number: K120DB170SN02E Other number: B & M

Local use: 064 067 9.6 Owner or name: Metropolitan Wtr

Owner or name: PEARL WATER CO Address: Old Brandon Rd.

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

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, water: MY

Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other MY

Use of well: 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: MSBH + Borrow-Agee

Freq. sampling: Pumpage inventory: no. period:

Aperture cards: yes

Log data: SPRT D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 867 ft Meas. rept 3

Depth cased: 811 ft Casing type: 24x16x8 in; Diam. accuracy 24

Finish: porous gravel w. gravel v. horiz. open perf., screen, sd. pt., shored, open hole, other G

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

Date Drilled: 8/3 967 Pump intake setting: 36 ft 38

Driller: Layne Central Co.

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

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 125 W Trans. or meter no. 41

Descrip. MP 285 ft above LSD Alt. MP

Alt. LSD: 315 Accuracy: 47

Water Level: 150 ft above MP; 150 ft below LSD Accuracy: 52

Date meas: 8.6.7 Yield: 632 gpm 632 Method determined 61

Drawdown: 59 ft Accuracy: 66 hrs 25

QUALITY OF WATER DATA: Iron 69 ppm Sulfate 70 ppm Chloride 71 ppm Hard. 72

Sp. Conduct 73 K x 10⁶ Temp. 74 °F Date sampled 77

Taste, color, etc.

JAN 2 1974

3/19/95
WL: 245.80

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH
Patton well

Well No.

K120

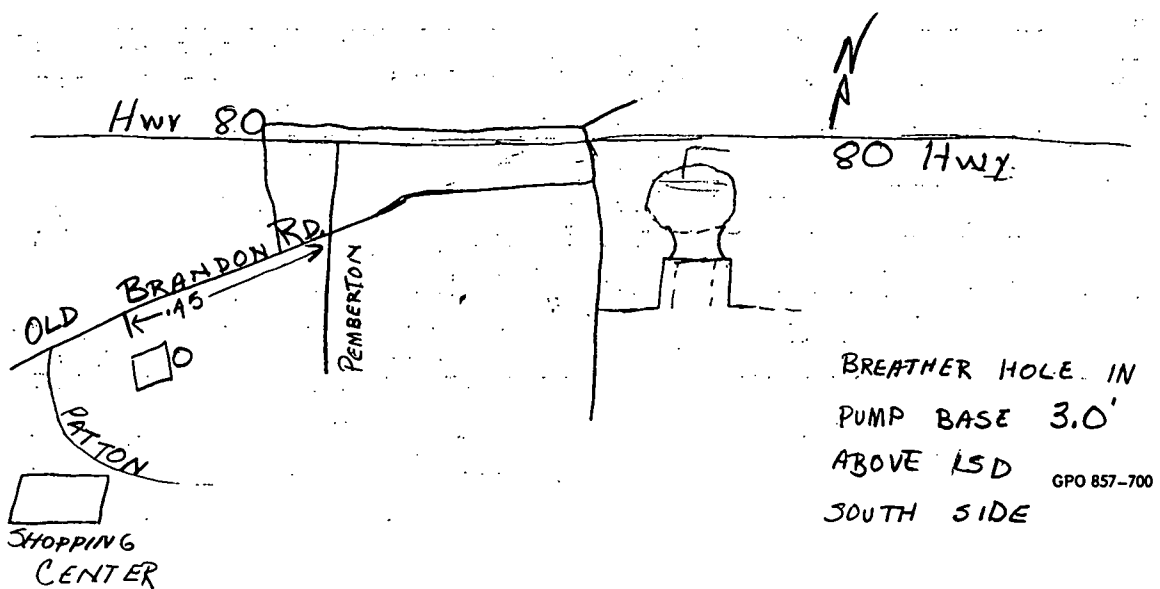
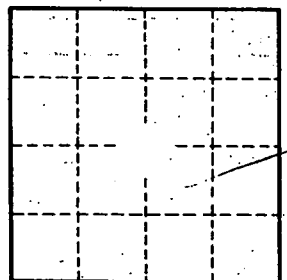
Well No. K120

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

19 **SAME AS ON MASTER CARD** 20 03 Section: _____
 Province: _____
 22 D Drainage Basin: _____ 23 13T Subbasin: _____ 26
 (D) (C) (E) (F) (H) (K) (L)
 Topo of well site: depression, stream channel, dunes, flat, hilltop, sink, swamp,
 (Φ) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat _____ 27
 MAJOR AQUIFER: _____ 28 TE series _____ 29 SPRT aquifer, formation, group _____ 30 SS _____ 31
 Lithology: _____ 32 US Origin: _____ 33 2 Aquifer Thickness: _____ 34 ft
 35 90 Length of well open to: _____ 36 ft _____ 37 50 Depth to top of: _____ 38 ft _____ 39 780 _____ 40 ft
 MINOR AQUIFER: _____ 41 _____ 42 _____ 43 _____ 44 _____ 45 _____ 46 _____ 47
 system series aquifer, formation, group
 Lithology: _____ 48 _____ 49 Origin: _____ 50 _____ 51 _____ 52 _____ 53 _____ 54 _____ 55 _____ 56 _____ 57 _____ 58 _____ 59
 Length of well open to: _____ 51 ft _____ 52 _____ 53 _____ 54 _____ 55 _____ 56 _____ 57 _____ 58 _____ 59
 Intervals Screened: _____
 Depth to consolidated rock: _____ 60 _____ 61 _____ 62 _____ 63 _____ 64 Source of data: _____
 Depth to basement: _____ 65 _____ 66 _____ 67 _____ 68 _____ 69 Source of data: _____
 Surficial material: _____ 70 _____ 71 _____ 72 _____ 73 Infiltration characteristics: _____
 Coefficient Trans: 18,000 gpd/ft _____ 74 183 Coefficient Storage: _____ 75 _____ 76 _____ 77
 Coefficient Perm: 200 gpd/ft²; Spec cap: 9.6 gpm/ft; Number of geologic cards: _____ 78
 _____ 79

Pump out 4/14/73
 WL = 150. K7
 Water level 190.53 4/1/79
 WL 194. 6/79
 WL 213.69 10/22/80
 198.60 10/24/83



DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hardin/Phillips DATE: 7/2/96

UNIT DEQ #: _____ FILE #: B070214A

HEALTH DEPT. #: 610017-02 ELEV. @ 284'

USGS #: K120 OLWR #: Gw01300

OWNER: City of Pearl QUAD: Jackson SE

LOCATION: SE/NWS 17 T 5N R 2E COUNTY: Rankin

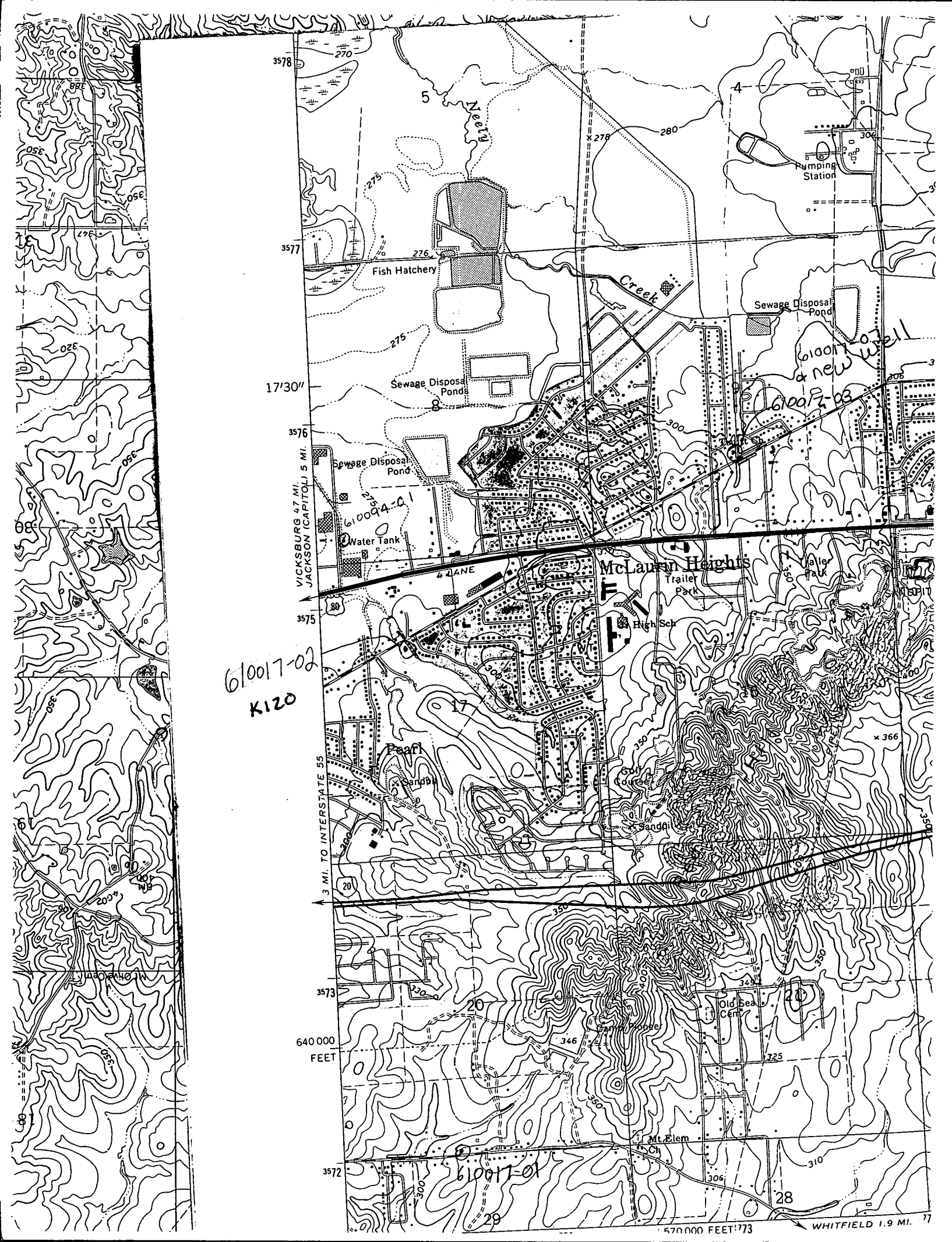
LOCATION DESCRIPTION: On Old Brandon Rd at corner
of Patton Dr.

CASING DIA: _____ PUMP TYPE & SIZE: Turbine/125HP

GPS FIELD LOCATION: LAT. 32° 16' 44.2" N LONG. 90° 07' 13.6" W

GPS CORRECTED LOCATION: LAT. 32.27896494 LONG. 90.12038422

REMARKS: Measured 60' west of well.



610017-02
K120

610017-03
610017-03

610017-01

VICKSBURG 4.7 MI.
JACKSON (CAPITOL) 5 MI.

3 MI. TO INTERSTATE 55

570000 FEET 73

WHITFIELD 1.9 MI. 77

Fish Hatchery

Sewage Disposal Ponds

Sewage Disposal Pond

Water Tank

McLaurin Heights

Trailer Park

High Sch

Pearl

Old Sea Cent.

Mt Elem

28

77