

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

WRD Exp. (GW) GW07921 Well No. P111
April 1966

WELL SCHEDULE

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

MASTER CARD

Record by REED Source of data _____ Date 5/8/39 Map _____

State 28 County (or town) JKSN 30

Latitude: 30 22 05 N Longitude: 08 53 34 0 Sequential number: 3

Lat-long Accuracy: 3 70 T. 8 S, R 6 W, Sec 5, 1RR 1/4 NW

Local well number: P1111B0508506W Other number: _____ B & H _____

Local use: MIN K Owner or name: ALPO FOODS Dgg _____

Owner or name: PASCAGOULA Address: CHESTER BEAVER, PLT. MCA. Star-Kist, Inc. M

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

75D
PASCAGOULA SOUTH

3/1/77
T = 2.0
C = 2100
P = 7.77

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Inatit, 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 U

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

Hyd. lab. data: _____

Qual. water data; type: USGS 6-27-30 7/70

Freq. sampling: 9 Pumpage inventory: no, period: _____

Aperture cards: _____

Log data: _____

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1466 Meas. 6

Depth cased; (first perf.) _____ ft _____ Casing type: _____; Diam. in 6

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) open perf., (K) screen, (L) sd. pt., (M) shored, (N) open hole, (O) other H

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd rot., (F) jetted, (G) air percussion, (H) rotary, (I) reverse, (J) trenching, (K) driven, (L) drive wash, (M) other H

Date Drilled: _____ Pump intake setting: _____ ft _____

Driller: _____

Lift (type): (A) air, (B) bucket, (C) cent., (D) jet, (E) multiple (cent.), (F) multiple (turb.), (G) none, (H) piston, (I) rot., (J) submerg, (K) turb., (L) other N Deep Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P., (I) Trans. or meter no.

Descrip. MP _____ ft above LSD. Alt. MP _____

Alt. LSD: 13.62 14 Accuracy: (source) 0

Water Level _____ ft above below MP; Ft below LSD F Accuracy: _____

Date meas: 39 Yield: _____ gpm Method determined _____

Drawdown: _____ ft _____ Accuracy: _____ Pumping period _____ hr

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

Sp. Conduct _____ K x 10⁶ Temp. _____ °F Date sampled _____

Taste, color, etc. _____

This well has been P&A.

Well No.

Well No. P 111

Latitude-longitude _____
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD 03 **Section:** _____
19 20 21

D **Drainage Basin:** 130 **Subbasin:** _____
22 23 25 26

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) (F) (H) (K) (L) (O) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat _____
27

MAJOR AQUIFER: _____ T M _____ M 2 _____
28 29 30 31

Lithology: _____ U S **Origin:** _____ 3 **Aquifer Thickness:** _____ ft
32 33 34

Length of well open to: _____ ft **Depth to top of:** _____ ft
35 37 38 40 41 43

MINOR AQUIFER: _____ _____ **Aquifer Thickness:** _____ ft
44 45 46 47

Lithology: _____ U S **Origin:** _____ 3 **Aquifer Thickness:** _____ ft
48 49 50

Length of well open to: _____ ft **Depth to top of:** _____ ft
51 53 54 56 57 59

Intervals Screened: _____

Depth to consolidated rock: _____ ft 60 61 **Source of data:** _____ 64
60 61 64

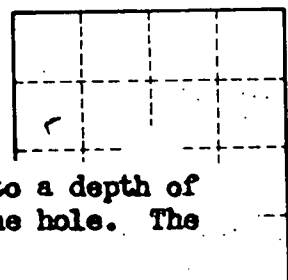
Depth to basement: _____ ft 63 68 **Source of data:** _____ 69
63 68 69

Surficial material: _____ 70 71 **Infiltration characteristics:** _____ 72
70 71 72

Coefficient Trans: _____ gpd/ft 73 73 **Coefficient Storage:** _____ 76 78
73 73 76 78

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____ 79
79

Formerly shown as 1600' deep



(1) A temperature probe was lowered into the well to a depth of 1,470 feet. The temperature was 89°F at the bottom of the hole. The temperature at the surface was 88°F (1°F less).

(2) An electric log probe was run to a depth of 1,469 feet and a log was made of casing.

(3) A cap and plug for measuring pressure was fixed on top of the 8-inch plug.

(4) Pressure of +27 feet read.

(5) One-liter water sample was obtained. Water has slight straw color.

(6) Specific conductivity read 2,400.

Well No.

P 111

see 166

P111

The Record

August 4, 1970

J. A. Callahan and Don Shattles

Reopening and measuring of well P111, City of Pascagoula, Miss.

Well P111 reported to be 1,600 feet deep, was drilled for the City of Pascagoula around 1900. The well is located near the intersection of Delmas and Frederick Streets. The well is about 10 feet from the northeast corner of a 500,000 gallon concrete reservoir. The well has an 8-inch surface casing, a T and 8-inch plug and lines with gate valves running north and south. Leakage from unknown depths around the casing is 20 to 30 gpm. City well P113, 388 feet deep, is about 100 feet northwest.

It was reported that water from well P111 was mixed with water from wells in shallower sands and used as part of the municipal supply up until the early 1940's.

Mr. Alton Nelson, Superintendent of Public Works for the city of Pascagoula, was contracted in June about relocating and exploring this well. He was very interested and agreed to furnish the necessary manpower needed to reopen and sound the well. On July 30, Don Shattles and I met with Mr. Beau Brosarge (Chief of Maintenance and the Water Dept. for City of Pascagoula). He had a crew of three men plus a back hoe and operator. The south gate valve was opened and the well flowed about 200 gpm. The 8-inch plug was removed from the well and the following work was performed:

(1) A temperature probe was lowered into the well to a depth of 1,470 feet. The temperature was 89°F at the bottom of the hole. The temperature at the surface was 88°F (1°F less).

(2) An electric log probe was run to a depth of 1,469 feet and a log was made of casing.

(3) A cap and plug for measuring pressure was fixed on top of the 8-inch plug.

(4) Pressure of +27 feet read.

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cc: Reading File
J. A. Callahan

JAC/cj