

WRD Exp. (GW)
April 1966

Well No. D38

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by TNS shows Source of data D-log, Engr. Date 6-23-65 Map Forrest Co.

State Miss. County Forrest Sequential number: 1

Latitude: 31° 01' 51" N Longitude: 089° 18' 42" W

Lat-long accuracy: 3' T. 4 S. R. 13 Sec. 4, NW $\frac{1}{4}$, SW $\frac{1}{4}$, B & M

Local well number: D038EC040701N13W Other number: #2

Local use: 064 965 75 Owner or name: Hercules Powder Co.

Owner or name: HERCULES PDR CO Address: Hattisburg

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

Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, (N) P S, Rec

(S) (T) (U) (V) (W) (X) (Y) (Z) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other (N) 2187

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

DATA AVAILABLE: Well data (1) Freq. W/L meas.: (0) Field aquifer char. (0)

Hyd. lab. data: _____

Qual. water data; type: USGS Complete 9-16-65

Freq. sampling: (0) Pumpage inventory: (no) period: _____

Aperture cards: _____

Log data: MBawl

WELL-DESCRIPTION CARD

(19) SAME AS ON MASTER CARD Depth well: (20) 68.9 Meas. accuracy (24) 3

Depth cased; (first perf.) (28) 59.1 Casing type: _____; Diam. (29) 10 in (30) 1.0

Finish: porous concrete, gravel w. (perf.), (G) gravel w. (screen), horiz. gallery, end, open perf., screen, sd. pt., shored, open hole, other (31) G

Method: (A) (B) (C) (D) (H) (J) (P) (R) (T) (V) (W) (Z) (32) H
Drilled: air bored, cable, dug, (H) hyd rot, jetted, air percussion, rotary, reverse trenching, driven, drive wash, other

Date Drilled: 5-4-65 (33) 9.65 Pump intake setting: 208 ft (36) 208

Driller: Layne Central

Lift (type): (A) (B) (C) (J) (L) (M) (N) (P) (R) (S) (T) turb (Z) (39) T (Deep) (40) Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 150 (41) W Trans. or meter no. _____

Descrip. MP Base of air vent (42) 3' above (43) 171 ft below LSD, Alt. MP (47) 168

Alt. LSD: 168 (42) 168 Accuracy: (source) _____

Water Level 38.92 ft above (44) 36 LSD Accuracy: (52) A

Date meas: 9-16-65 (53) 9.65 Yield: _____ gpm (54) 1016 Method: (55) 4

Drawdown: 127 ft (56) 127 Accuracy: _____ (57) 0 Pumping period (58) 8 hrs (59) 8

QUALITY OF WATER DATA: Iron (60) 4 Sulfate (61) 0 Chloride (62) 0 Hard. (63) 2

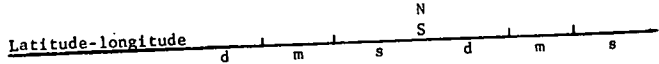
Sp. Conduct (64) 2 K x 10⁶ Temp. (65) 72 Date sampled (66) 965

Taste, color, etc. pH 7.1

TRANSMITTED FOR ADP

Well No.

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HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD
Physiographic Province: East Gulf Coastal Section: East Gulf Coastal

Drainage Basin: Plain D Subbasin: 13N

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

MAJOR AQUIFER: Tertiary, Miocene T M Catahoula C A
system series aquifer, formation, group

Lithology: unconsolidated sand U S Origin: Dellac 3 Aquifer Thickness: _____ ft

105 Length of well open to: _____ ft 96 Depth to top of: _____ ft 585

MINOR AQUIFER: _____ series _____ aquifer, formation, group
Origin: _____ Aquifer Thickness: _____ ft

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: _____

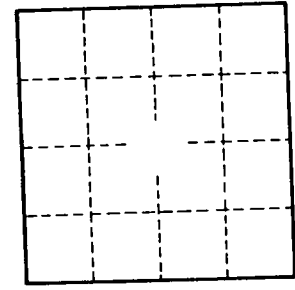
Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: 15,000 gpd/ft 153 Coefficient Storage: _____

Coefficient Perm: 140 gpd/ft²; Spec cap: 1.5 gpm/ft; Number of geologic cards: _____

WL 24' above diked

SD 305-69D



Well No. 103

