GW02131

WRD Exp. (GW)
April 1966

Well No. Q 135
E-log # 185

WELL SCHEDULE

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

PUNCHED ROLLA COMPU

MASTER CARD

Record by J. HARRELL Source of data BOWC Date 9/18/68 Map Grand Bay SW

State 28 County (or town) JACKSON 30

Latitude: 30 20 42 N S (deg min sec) Longitude: (degrees min sec) Sequential number: 1

Lat-long accuracy: 3 T. 5 (N S) R 5 (E W) Sec 16, NE ¼, SE ¼, SW ¼ B & M

Local well number: Q 135 C 160 8 S 05 W Other number:

Local use: 064 85 562 15 Owner or name:

Owner or name: ~~STANDARD OIL CO~~ CHEVRON USA Address: Pascagoula

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist N

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other N

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (Ø) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed W

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

Hyd. lab. data:

Qual. water data; type: USGS

Freq. sampling: J Pumpage inventory: yes no, period:

Aperture cards: yes

Log data: D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 350 ft 350 Meas. rept Depth of well 384' on permit. accuracy 3

Depth cased (first perf.) 300 ft 300 Casing type: ; Diam. 18 in 18

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Ø) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other S

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

Date Drilled: 9/13/63 9 6 3 Pump intake setting: ft

Driller: Layne-Central Co.

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (cent.) (M) multiple, (turb.) (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other Deep Shallow

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

Descrip. MP 0 ft above below LSD, Alt. MP

Alt. LSD: 8 Accuracy (source): 1

Water Level 67 ft above below MP; Ft above below LSD 67 Accuracy: D

Date meas: 9/13/63 9 6 3 Yield: gpm 602 Method determined 4

Drawdown: ft Accuracy: Pumping period hrs 48

QUALITY OF WATER DATA: Iron 0 ppm 0 Sulfate ppm 0 Chloride 124 ppm 3 Hard. 18 ppm 1

Sp. Conduct 944 K x 10^6 4 Temp. 76 °F 76 Date sampled 5 6 2

Taste, color, etc.

Well No. Q 135

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Latitude-longitude N S d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) | Physiographic Province: | 03 (20–21) | Section:

D (22) | Drainage Basin: | 130 (23–25) | Subbasin: (26)

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

MAJOR AQUIFER: system, series, TP (28–29) aquifer, formation, group GF (30–31) 121 GRMF

Lithology: S (32–33) Origin: 3 (34) Aquifer Thickness: ft

90 (35–37) Length of well open to: ft 50 (38–40) Depth to top of: ft (41–43)

MINOR AQUIFER: system, series (44–45) aquifer, formation, group (46–47)

Lithology: (48–49) Origin: (50) Aquifer Thickness: ft

(51–53) Length of well open to: ft (54–56) Depth to top of: ft (57–59)

Intervals Screened: 12"

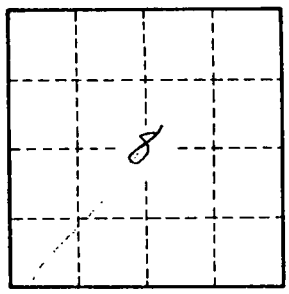
Depth to consolidated rock: ft (60–63) Source of data: (64)

Depth to basement: ft (65–68) Source of data: (69)

Surficial material: (70–71) Infiltration characteristics: (72)

Coefficient Trans: 23,000 gpd/ft 233 (73–75) Coefficient Storage: .0004 405 (76–78)

Coefficient Perm: 260 gpd/ft^2; Spec cap: 15.3 gpm/ft; Number of geologic cards: (79)



10/28/82
T = 25°C
pH = 8.2
CON = 850

Well No.

GPO 857-700

JACKSON

Q135

9-13-63

MISSISSIPPI BOARD OF WATER COMMISSIONERS

WATER WELL DRILLERS LOG

well no,

Date: 9-13-, 1963, Driller: Layne-Central Co. County Jackson
(Name)

3 Q

(1) Owner of Land: Standard Oil Co.
(Name)

Pascagoula, Miss.
(Address)

(2) Location: ___ ¼, SW ¼, Sec. 16 T 8 S R 5 W,

___ miles ___, of ___,
(distance) (direction) (Nearest Town)

(3) Topography: ___
(Hilly) (Flat) (Level)

(4) Purpose of Well: Industrial
(Domestic Irrigation Municipal, Industrial, Other)

Information upon completion of well:

(1) Diameter 18 inches.

(2) Total Depth 350 feet.

(3) Water Level 67 feet below top of ground.

(4) Cased to 280', Size 18",

(5) Screen: Size 12", Length 50'.

(6) Were any formations sealed against pollution?

x yes, ___ no.

If YES depth of formation 280',

Why required

Drillers Remarks: ___

Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thickness Feet	Depth Feet
sandy soil	2	2
sandy clay (loose)	6	8
blue clay	25	33
sand-clay & shells	20	53
blue clay	74	127
sand	61	188
clay & stks sand	20	208
clay	35	243
fine sand & clay	27	270
sand	6	276
clay & sand stks	12	288
packed sand	44	332
clay	2	334
sand & clay stks	6	340
clay	42	382

FILED SEP 13 1963 MISS. BOARD OF WATER COMM.

(Use Back Side)

Well No.

Mail this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss.