WRD Exp. (GW)
April 1966

Well No. 78

WELL SCHEDULE

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

MASTER CARD

Record by: Jac — Source of data: ____ Date: ____ Map: ____

State: 28 — County (or town): 18

Latitude: 31 21 32 N (deg, min, sec) — Longitude: 089 22 03 (degrees, min, sec) — Sequential number: 1

Lat-long accuracy: 2 — T. 5 (N) S, R 14 E (W) Sec 36, NE ¼, NE ¼, NE ¼ — B & M

Local well number: A008A36C5N14W — Other number: ____

Local use: X03 — Owner or name: ____

Owner or name: STANDARD OIL CO — Address: Hwy 49 N

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co [circled], (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 [circled], (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~~ H

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

DATA AVAILABLE: Well data ____ (70) — Freq. W/L meas.: ____ Ø (71) — Field aquifer char. ____ (72)

Hyd. lab. data: ____ (73) N

Qual. water data; type: ____ (74)

Freq. sampling: ____ (75) — Pumpage inventory: yes no, period: ____ (76)

Aperture cards: ____ yes (77)

Log data: ____ (78–79)

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD (1–19)

Depth well: ____ ft 165 (20–23) — Meas. rept accuracy: 6 (24)

Depth cased: (first perf.) ____ ft 155 (25–28) — Casing type: Steel — Diam. 4 x 2 in — 4 (29–30)

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen [circled], (T) sd. pt., (W) shored, (X) open hole, (Z) other — S (31)

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

Date Drilled: 9-30-64 — 964 (33–35) — Pump intake setting: ____ ft (36–38)

Driller: Herman Parker (name), Seminary & Petal (address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple (cent.), (M) multiple (turb.), (N) none, (P) piston, (R) rot, (S) submerg [circled], (T) turb, (Z) other — S (39) — Deep / Shallow ____ (40)

Power (type): diesel, elec [circled], nat gas, gasoline, hand, LP gas, wind; H.P. ____ — T (41) — Trans. or meter no. ____

Descrip. MP: Top of pipe, 1.5' ft above [circled] below LSD, Alt. MP ____

Alt. LSD: ____ (42–45) — Accuracy: (source) ____ (47)

Water Level: 22.18 ft above below MP; F above below [circled] LSD — 22 (48–51) — Accuracy: ____ A (52)

Date meas: 10-1-64 — 064 (53–55) — Yield: ____ gpm (56–60) — Method determined ____ (61)

Drawdown: ____ ft (62–64) — Accuracy: ____ (65) — Pumping period ____ hrs (66–68)

QUALITY OF WATER DATA: Iron ____ ppm (69) — Sulfate ____ ppm (70) — Chloride ____ ppm (71) — Hard. ____ ppm (72)

Sp. Conduct ____ K x 10⁶ (73) — Temp. ____ °F (74–76) — Date sampled ____ (77–79)

Taste, color, etc. ____

Well No. 78

Well No. 58

Latitude-longitude N S d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD [19]

Physiographic Province: [03] (20 21) Section: [ ]

[D] (22) Drainage Basin: [13N] (23 25) Subbasin: [ ] (26)

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

MAJOR AQUIFER: Tertiary (system), Miocene (series) [TM] (28 29) Hattiesburg (aquifer, formation, group) [HA] (30 31)

Lithology: [ ] [3] (32 33) Origin: [ ] [3] (34) Aquifer Thickness: [ ] ft

Length of well open to: [ ] (35 37) ft Depth to top of: [ ] (38 40) ft [ ] (41 43)

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

Lithology: [ ] [ ] (48 49) Origin: [ ] [ ] (50) Aquifer Thickness: [ ] ft

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

Intervals Screened: 155-165 10' 2" .013 SS.

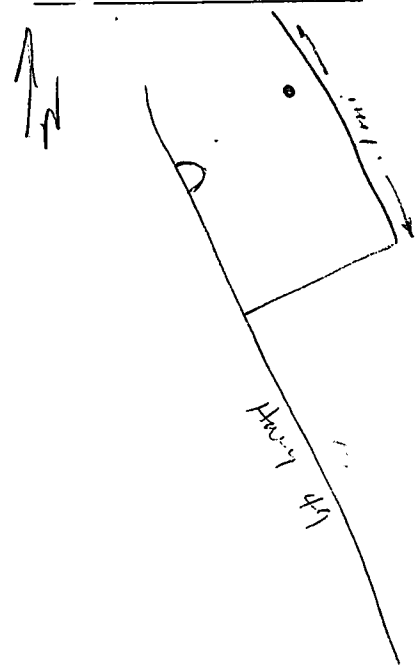
Depth to consolidated rock: [ ] ft [ ] (60 63) Source of data: [ ] [ ] (64)

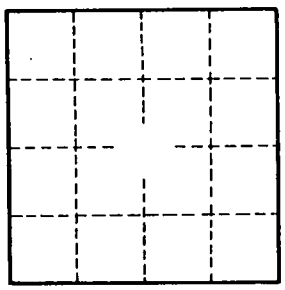
Depth to basement: [ ] ft [ ] (65 68) Source of data: [ ] [ ] (69)

Surficial material: [ ] [ ] (70 71) Infiltration characteristics: [ ] [ ] (72)

Coefficient Trans: [ ] gpd/ft [ ] (73 75) Coefficient Storage: [ ] [ ] (76 78)

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





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