WRD Exp. (GW)
April 1966

Well No. D3

WELL SCHEDULE

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

MASTER CARD

Record by WTO Source of data Bowc Date 11/68 Map

State [28] (2) County (or town) Amite [03] (3-4)

Latitude: [3 1 | 9 4 4 N] (5-11) N S Longitude: [0 9 0 4 2 5 2] (12-18) 12 degrees 15 min sec Sequential number: [1] (19)

Lat-long accuracy: [4] (20) T. 4 (N) S, R 5 (E) W, Sec 9, ¼, ¼, ¼ B & M

Local well number: [D 0 0 3 _ 0 9 0 4 N 0 5 E] (21-34) Other number:

Local use: [1 6 8] (35-51) Owner or name:

Owner or name: [L C TOWNSEND] (52-66) Address: Smithdale

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist [P] (67)

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 [H] (68)

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (Φ) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed [W] (69)

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

Hyd. lab. data: ____ [ ] (73)

Qual. water data; type: ____ [ ] (74)

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

Aperture cards: ____ yes [ ] (77)

Log data: ____ [D] (78-79)

WELL-DESCRIPTION CARD

[SAME AS ON MASTER CARD] (1-19) Depth well: ____ ft [1 7 0] (20-23) Meas. rept ____ accuracy [3] (24)

Depth cased: (first perf.) ____ ft [1 6 4] (25-28) Casing type: ____; Diam. ____ in [4] (29-30)

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Φ) open end, (P) perf., (S) screen, (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., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other ____ [H] (32)

Date Drilled: 8/65 [9 6 5] (33-35) Pump intake setting: ____ ft (36-38)

Driller: COVINGTON (name), ____ (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, (T) turb, (Z) other [ ] (39) Deep / Shallow [ ] (40)

Power (type): diesel, (elec), nat gas, gasoline, hand, LP gas, wind; H.P. ____ [5] (41) Trans. or meter no. ____

Descrip. MP ____ ft above/below LSD. Alt. MP ____

Alt. LSD: ____ [ ] (42-45) Accuracy: (source) ____ [ ] (47)

Water Level ____ ft above/below MP; Ft above/below LSD [8 5] (48-51) Accuracy: ____ [D] (52)

Date meas: ____ (53) [8 6 5] (54-55) 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 10^6 [ ] (73) Temp. ____ °F [ ] (74-76) Date sampled ____ [ ] (77-79)

Taste, color, etc.: ____

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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: 146 (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 (27)

MAJOR AQUIFER: system, series TM (28–29) aquifer, formation, group MZ (30–31)

Lithology: US (32–33) Origin: 3 (34) Aquifer Thickness: ≥25 ft

(35–37) Length of well open to: ft 6 (38–40) Depth to top of: ft 145 (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: 164' - 170'

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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GPO 857-700