25 3 H Montrose North

WRD Exp. (GW)
April 1966

Well No. F1 1

WELL SCHEDULE

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

MASTER CARD

Record by J.A. Callahan Source of data MBOWC Date 5-24-67 Map Miss High.

State Miss 28 County (or town) Jasper 31

Latitude: 32 07 31 N (1) Longitude: 089 12 58 Sequential number: 1

Lat-long accuracy: 3 T. 3 N S, R 11 E W, Sec 6, NW ¼, SW ¼, ____ ¼ B & M

Local well number: F01RC0603N11E Other number: ____

Local use: 026 Owner or name: W.D. Sumrall Jr.

Owner or name: W D SUMRALL JR. Address: Montrose, Miss

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

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

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

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

Hyd. lab. data: ____

Qual. water data; type: USGS C

Freq. sampling: ____ Φ Pumpage inventory: yes no, period: ____

Aperture cards: ____ yes

Log data: Drillers 109 D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 372 ft 372 Meas. rept accuracy 6

Depth cased: (first perf.) 362 ft 362 Casing type: Steel; Diam. 2 in 02

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

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: 2-19-63 263 Pump intake setting: ____ ft

Driller: Forest Drilling Serv. (name), Forest Miss (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 J Deep Shallow

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 1½ T Trans. or meter no. ____

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

Alt. LSD: 395 Accuracy: (source) ____

Water Level 60 ft above below MP; Ft above below LSD 60 Accuracy: Kept G

Date meas: 2-19-63 263 Yield: ____ gpm Method determined ____

Drawdown: ____ ft Accuracy: ____ Pumping period ____ hrs

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

Sp. Conduct 540 K x 10^6 4 Temp. 74 °F Date sampled ____

Taste, color, etc. Fe Stain Muddy -

Well No. F1

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Latitude-longitude 32 07 31 (N) 089 12 58
d m s d m s

HYDROGEOLOGIC CARD

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

(22) 0 Drainage Basin: _____ (23–25) 130 Subbasin: _____ (26)

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

MAJOR AQUIFER: Tertiary (system), Eocene (series) (28–29) TE Cockfield (aquifer, formation, group) (30–31) CØ

Lithology: Sand (32–33) S Origin: deltaic (34) 5 Aquifer Thickness: _____ ft

(35–37) Length of well open to: 0 ft (38–40) 10 Depth to top of: 362 ft (41–43) 362

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: 2" 362 - 372

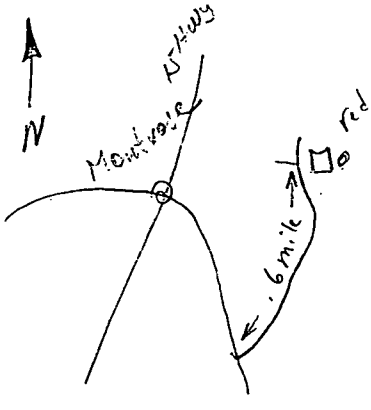
Depth to consolidated rock: _____ ft (60–63) _____ Source of data: _____ (64) _____

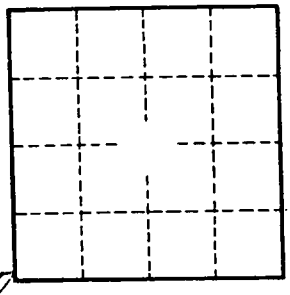
Depth to basement: _____ ft (65–68) _____ Source of data: _____ (69) _____

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)





Clay 0 – 5'
Sand & Clay 5–14
Blue Clay 14–102
Shale 102–137
Shale & Sth of lime rock 137–147
Shale 147–177
Sandy Shale & Clay 177–207
Clay & fine Sand 207–217
Fine Sand & Sdy Clay 217–233
Fine Sand 233 – 257
Fine Sand & Clay 257–317
Fine Sand 317–327
Fine Sand & Clay 327–357
Fine Sand 357–372

Well No. F1

GPO 857–700