GW3198 Crowder

FORM 9-1642
(1-68)

Well No. U33
E log #17

# WELL SCHEDULE

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

PUNCHED
JAN 14 1975

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD P.E. Grantham 8/15/61
Record by M Smith Source of data Drlg & obs Bowe Date 7/70 Map

State 28 County (or town) Panola 54

Latitude: 34 10 20 N (deg 3, min 7, sec 9, N/S 11) Longitude: 090075 8 (degrees 12, min 15, sec 18) Sequential number: 1

Lat-long accuracy: 2 T. 27 N, R 2 E, Sec 31, NW ¼, NW ¼, NW ¼ B & M

Local well number: U033BB312 7N02E Other number:

Water Level Data

WL = 26.98 12-1-88 BR

Local use: 064017 7 73 20 Owner or name: Town of Crowder

Owner or name: CROWDER Address:

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

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

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: [ ] Field aquifer char. Z

Hyd. lab. data: [ ]

Qual. water data; type: USGS 11/63 C

Freq. sampling: [ ] Pumpage inventory: yes / no, period: [ ]

Aperture cards: yes [ ]

Log data: D E

## WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 931 ft 93 Meas. rept accuracy 3

Depth cased; (first perf.) 890 ft 890 Casing type: ; Diam. 8,6 in 8

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Φ) open end, (P) perf., screen, sd. pt., (S) (T) (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: 961 Pump intake setting: ft

Driller: Layne C. (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 — T Deep / Shallow

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

Descrip. MP faucet at well head 3 ft above/below LSD, Alt. MP

Alt. LSD: 1160 Accuracy: (source) 4

Water Level ft above/below MP; Ft above/below LSD +19 Accuracy: A

Date meas: N63 Yield: Flows 60 gpm 86 Method determined 2
Pumps 86 gpm

Drawdown: ft 37 Accuracy: Pumping period 80 min. hrs 1

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

Sp. Conduct 600 K x $10^6$ 4 Temp. °F 70 Date sampled N63

Taste, color, etc. Ph. 8.3

Well No. U33

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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: 15F (23–25) Subbasin: (26)

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

MAJOR AQUIFER: system , series TE (28–29) middle Wilcox aquifer, formation, group TW (30–31)

Lithology: S (32–33) Origin: 2 (34) Aquifer Thickness: 43 ft

Length of well open to: 43 (35–37) ft Depth to top of: 414 (38–40) ft 884 (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: 4"

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

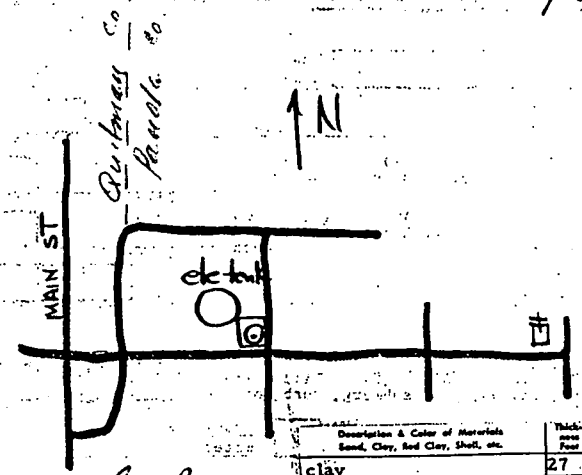
Depth to basement: ft (65–68) Source of data: (69)

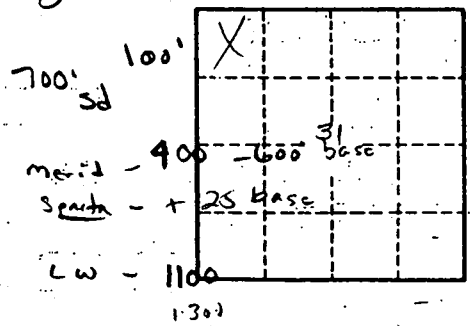
Surficial material: (70–71) Infiltration characteristics: (72)

Coefficient Trans: gpd/ft 602 (73–75) Coefficient Storage: (76–78)

Coefficient Perm: 140 gpd/ft²; Spec cap: 2.0 gpm/ft; Number of geologic cards: (79)

pumping test 7-12-1973




50,000 gallon elevated storage tank

water level 6-5-1973 +10.16' above lsd

| Description & Color of Materials (Sand, Clay, Red Clay, Shell, etc.) | Thickness Feet | Depth Feet |
|---|---|---|
| clay | 27 | 27 |
| sand | 45 | 72 |
| sand & gravel | 55 | 127 |
| clay | 13 | 140 |
| sandy clay | 53 | 193 |
| shale | 6 | 199 |
| rock | 1 | 200 |
| sandy shale-boulders | 18 | 218 |
| rock | 2 | 220 |
| hard sandy shale | 22 | 242 |
| shale stks sand | 12 | 354 |
| sand | 11 | 365 |
| shale stks sand | 25 | 390 |
| sand | 9 | 399 |
| sandy shale | 16 | 415 |
| shale | 63 | 478 |
| sand | 12 | 490 |
| sandy shale | 30 | 520 |
| sand | 10 | 530 |
| shale stks sand | 55 | 585 |
| shale | 8 | 593 |
| sand stks shale | 62 | 655 |
| draggy sand | 70 | 725 |
| shale stks sand | 35 | 760 |
| rock | 1 | 761 |
| shale stks sand | 15 | 776 |
| rock | 1 | 777 |
| shale stks sand | 6 | 783 |
| rock | 1 | 784 |
| shale stks lignite | 100 | 884 |
| h.p. sand | 21 | 905 |
| h.p. sand | 22 | 927 |
| shale | 1 | 928 |

CODED

Well No. U33

PANOLA [redacted] N

MISSISSIPPI BOARD OF WATER COMMISSIONERS ELOG #17

[redacted] U33

10-25-61

WATER WELL DRILLERS CODED

Date: Oct. 25, 19 61, Driller: Layne-Central Co. County [redacted]
(Name)

(1) Owner of Land: Town of Crowder
(Name)

Crowder, Mississippi
(Address)

(2) Location: NW ¼, NW ¼, Sec. 31 T 27 N R 2 E,

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

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

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

Information upon completion of well:

(1) Diameter 8" inches.

(2) Total Depth 931' 6" feet.

(3) Water Level 19' 6" feet below top of ground.

(4) Cased to 756' 8", Size 6",

(5) Screen: Size 4", Length 41' 8".

(6) Were any formations sealed against pollution?

x yes, _____ no.

If YES depth of formation 756' 8",

Why Required

Drillers Remarks: _____

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| Description & Color of Materials Sand, Clay, Red Clay, Shell, etc. | Thickness Feet | Depth Feet |
|---|---|---|
| clay | 27 | 27 |
| sand | 45 | 72 |
| sand & gravel | 55 | 127 |
| clay | 13 | 140 |
| sandy clay | 53 | 193 |
| shale | 6 | 199 |
| rock | 1 | 200 |
| sandy shale-boulders | 18 | 218 |
| rock | 2 | 220 |
| hard sandy shale | 22 | 242 |
| shale stks sand | 112 | 354 |
| sand | 11 | 365 |
| shale stks sand | 25 | 390 |
| sand | 9 | 399 |
| sandy shale | 16 | 415 |
| shale | 63 | 478 |
| sand | 12 | 490 |
| sandy shale | 30 | 520 |
| sand | 10 | 530 |
| shale stks sand | 55 | 585 |
| shale | 8 | 593 |
| sand stks shale | 62 | 655 |
| draggy sand | 70 | 725 |
| shale stks sand | 35 | 760 |
| rock | 1 | 761 |
| shale stks sand | 15 | 776 |
| rock | 1 | 777 |
| shale stks sand | 6 | 783 |
| rock | 1 | 784 |
| shale stks lignite | 100 | 884 |
| h.p. sand | 21 | 905 |
| h.p. sand | 22 | 927 |
| shale | 1 | 928 |

CODED

(Use Back Side) Well No.

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