FORM 9-1642
(1-68)

Well No. G 27

WELL SCHEDULE

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

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by J. Shell Source of data BOWC Date 4/69 Map

State 28 County (or town) Choctaw 10

Latitude: 331744 N Longitude: 0891320 Sequential number: 1

Lat-long accuracy: 5 T. 17 N, R. 10 E, Sec 35 , ¼, ¼, ¼ B & M

Local well number: G027 35 17N 10E Other number:

Local use: 035 Owner or name:

Owner or name: DIXIE WORREL Address: Rt 1, Ackerman

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, (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.

Hyd. lab. data:

Qual. water data; type:

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

Aperture cards: yes

Log data: D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 250 ft Meas. rept accuracy 3

Depth cased; (first perf.) 126 ft Casing type: ; Diam. 2 in

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 — X

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: 965 Pump intake setting: ft

Driller: 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 Deep Shallow

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

Descrip. MP ft above below LSD, Alt. MP

Alt. LSD: Accuracy: (source)

Water Level 80 ft above below MP; Ft above below LSD 80 Accuracy: D

Date meas: 565 Yield: gpm Method determined

Drawdown: ft Accuracy: Pumping period hrs

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

Sp. Conduct K x 10[6] Temp. °F Date sampled

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: _____ (20–21) 03 Section: _____

(22) D Drainage Basin: _____ (23–25) 13T Subbasin: _____ (26)

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

MAJOR AQUIFER: _____ system, _____ series (28–29) TE _____ aquifer, formation, group (30–31) LW

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

(35–37) 43 Length of well open to: _____ ft (38–40) 43 Depth to top of: thickest sd ft (41–43) 216

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: open

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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Description & Color of Materials: Sand, Clay, Red Clay, Shell, etc.	Thickness Feet	Depth Feet
Top Soil	0	2
Red Clay & Sand	2	10
White clay & Sand	10	14
White Sand	14	17
Yellow Clay & Sand	17	20
Blue Limerock	20	45
Green Clay	45	49
Blue Clay	49	63
Brown Clay	63	65
Blue Clay	65	66
Thin Rock		
Blue Clayey Sand	66	75
Blue Clay	75	80
Sandy Blue Clay	80	91
Limerock	91	92
Blue Clay	92	95
Gravel Clay	95	100
Blue Clay	100	106
Limerock	106	108
Blue Clay	108	110
Limerock	110	113
Sandy Blue Clay	113	123
Gray Clay	123	180
Hard Rock		
Blue Clay	180	192
Fine Blue Sand	192	198
Blue Clay	198	206
Blue Sandy Clay	206	209
Limerock	209	211
Blue Clay	211	215
Limerock	215	216
Blue Sand	216	250