

WELL SCHEDULE

PUNCHED

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

6 mi E of Shelby ???

FEB 8 1974

MASTER CARD

Record by JCM Source of data BOWC Date 9-71 Map

State 28 County (or town) Bolivar 06

Latitude: 33^{deg} 54^{min} 50^{sec} N Longitude: 09^{deg} 05^{min} 30^{sec} W Sequential number: 1

Lat-long accuracy: 6 T 24 S, R 6 Sec 19

Local well number: D043 1924N06W Other number: B & M

Local use: 064 Owner or name:

Owner or name: JOHN T SMITH Address: Cleveland

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist P

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec.

Use of well: (S) Stock, Instst, Unused, Recharge, Recharge, Desal-P S, Desal-other, Other I

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. W

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

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: Pumpage inventory: period:

Aperture cards:

Log data: D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 105 ft Meas. rept accuracy 3

Depth cased: 65 ft Casing type: S Diam. 12 in

Finish: porous concrete, gravel w. (perf.), (screen), (horiz. gallery), (open hole), (shored), (other) S

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd jetted, (F) air rot, (G) percussion, (H) rotary, (I) reverse, (J) trenching, (K) driven, (L) wash, (M) other H

Date Drilled: 9-71 Pump intake setting: 36 ft 38

Driller: Layne-Central name address

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other Deep Shallow

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

Descrip. MP above below LSD, Alt. MP

Alt. LSD: Accuracy: (source)

Water Level: 25 ft above MP; 25 ft below LSD Accuracy: D

Date meas: 757 Yield: 1560 gpm Method determined 61

Drawdown: Accuracy: Pumping period hrs 68

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

Sp. Conduct K x 10⁶ Temp. °F Date sampled 77 79

Taste, color, etc.

Well No.

D-43

HYDROGEOLOGIC

SAME AS ON MASTER CARD

Physiographic Province:

0.3

Section:

17

Drainage Basin

154

Subbasin:

26

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

MAJOR AQUIFER: system series 28 29 aquifer, formation, group 30 31

Lithology: R Origin: 2 Aquifer Thickness: 41 ft

Length of well open to: 38 40 ft Depth to top of: 41 64 ft

MINOR AQUIFER: system series 44 45 aquifer, formation, group 46 47

Lithology: Origin: 50 Aquifer Thickness: ft

Length of well open to: 54 58 ft Depth to top of: 57 59 ft

Intervals Screened: 12"

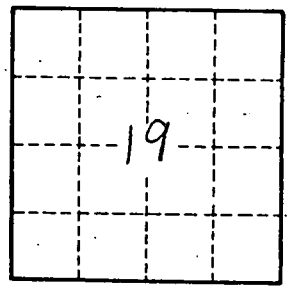
Depth to consolidated rock: 60 63 ft Source of data: 64

Depth to basement: 65 68 ft Source of data: 69

Surficial material: 70 71 Infiltration characteristics: 72

Coefficient Trans: 73 75 gpd/ft Coefficient Storage: 76 78

Coefficient Perm: 79 gpd/ft; Spec cap: gpm/ft; Number of geologic cards: 79



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