

WRD Exp. (GW)
April 1966

Well No. V8

WELL SCHEDULE E Log # 29

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

PUNCHED

MASTER CARD

Record by P.E. Grantham Source of data Driv. + E Log Date 11-20-67 Map Oakland Quad

State Mississippi 28 County (or town) Panola 54

Latitude: 34^{deg} 11^{min} 37^{sec} N Longitude: 089^{degrees} 53^{min} 49^{sec} W Sequential number: 1

Lat-long accuracy: 2⁰ T. 10^N S. 7^W Sec. 23 SE 1/4, SE 1/4, SE 1/4

Local well number: Y008DD2310S07W Other number: B & M

Local use: 001029 Owner or name: Liberty Hill Wtr. Assoc

Owner or name: LIBERTY HILL W Address: Pope Miss

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

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) Recharge, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other P

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (I) Obs, (J) Oil-gas, (K) Recharge, (L) Test, (M) Unused, (N) Withdraw, (O) Waste, (P) Destroyed W

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

Hyd. lab. data:

Qual. water data; type: USGS 8/73

Freq. sampling: Pumpage inventory: yes no period:

Aperture cards: yes

Log data: E Log 5-1004

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 522 ft Meas. 3

Depth cased: (first perf.) 492 ft Casing type: Steel; Diam. 8 X 6 in

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, perf., screen, sd. pt., shored, open hole, other 5

Method: (A) air bored, (B) cable, (C) dug, (D) hyd jetted, (E) air rot., (F) reverse, (G) trenching, (H) driven, (I) drive wash, (J) other H

Date Drilled: 11-67 967 Pump intake setting: 30 ft

Driller: Ray Lipe name Pope, Miss 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 T Deep Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind; H.P. 10 U Trans. or meter no. 41

Descrip. MP 360 ft above below LSD. Alt. MP 360 Accuracy: (source) topo 3

Water Level: 130 ft above below MP; Ft. below LSD 130 Accuracy: D

Date meas: 968 Yield: 165 gpm Method determined 61

Drawdown: 62 ft Accuracy: 65 Pumping period: 66 hrs 68

QUALITY OF WATER DATA: Iron 69 ppm Sulfate 70 ppm Chloride 71 ppm Hard. 72

Sp. Conduct 110 k x 10⁶ 1 Temp. 190 °F Date sampled 8-21-73 873

Taste, color, etc. pH = 6.1

DEC 10 1974
mt

5-14-74; resampled for color and iron.

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Latitude-longitude N
S
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HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____

D Drainage Basin: 15F Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system _____ series TE aquifer, formation, group MW

Lithology: _____ Origin: 2 Aquifer Thickness: < 57 ft

Length of well open to: 44 ft Depth to top of: 30 ft

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft

Intervals Screened: _____

Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

8/73 no way to measure water level.

