

WRD Ex., (GW)
April 1966

Well No. P/16

WELL SCHEDULE

E-log #13

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by J.A. CALLAHAN Source of data MBOWC Date 1-10-68 Map _____

State MISS County (or town) LEAKE 28 40

Latitude: 32 35 17 N Longitude: 08 9 27 24 Sequential number: 2

Lat-long accuracy: 3 T. 7 S. R. 8 W. Sec 34 12 degrees 15 min sec 18

Local well number: P001AA3407N08E Other number: _____ B & M

Local use: 002013 Owner or name: TOWN OF WALNUT GROVE

Owner or name: WALNUT GROVE Address: WALNUT GROVE, MISS

Ownership: County, Fed Gov't, (M) City, Corp or Co, Private, State Agency, Water Dist _____ M

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power; Fire, Dom, Irr, Med, Ind, (P) P S, Rec, Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other _____ D

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

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

Hyd. lab. data: _____

Qual. water data; type: MSBWH PARTIAL ?

Freq. sampling: _____ Pumpage inventory: _____

Aperture cards: _____

Log data: Drillers 109 to 746' _____ D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 368 ft 368 Meas. Drillers log 3

Depth cased: (first perf.) 318 ft 318 Casing type: Steel; Diam. 6 1/4 in 6

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

Method Drilled: (A) air bored, (B) cable, (C) dug, (H) hyd rot., (D) jetted, (E) air reverse, (F) percussion, (G) rotary, (R) trenching, (T) driven, (V) drive wash, (W) other _____ 4

Date Drilled: 6-61 9:6:1 Pump intake setting: _____ ft _____

Driller: Robert RATLIFF, GRENADE MISS

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

Descrip. MP _____ ft above LSD. Alt. MP _____

Alt. LSD: _____ Accuracy: (source) _____ cat _____ 47

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

Date meas: _____ Yield: _____ gpm _____ Method determined _____

Drawdown: _____ ft _____ Accuracy: _____ _____ Pumping period _____ hrs _____

QUALITY OF WATER DATA: Iron 0.39 ppm _____ Sulfate 4.4 ppm _____ Chloride 1.6 ppm _____ Hard. 4 ppm _____

Sp. Conduct 391 K x 10⁶ _____ Temp. _____ °F _____ Date sampled _____ 167

Taste, color, etc. _____

Well No.

P/16

? (DS=254

Did not yield enough water.

Well No. P 16

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

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

Drainage Basin: 13T Subbasin: _____

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

MAJOR AQUIFER: TERTIARY system EOCENE series TE aquifer, formation, group WINONA WIN

Lithology: U.S. Origin: 6 Aquifer Thickness: _____ ft

Length of well open to: 70 ft Depth to top of: 50 ft 320 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: 4" 318' - 368'

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

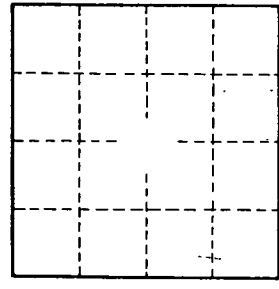
Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft² Coefficient Storage: _____

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

{ 50,000 gal. Elev. tank
no treatment
158 consumers }



Well No. P 16