

WELL EXP. (2)
April 1966

Well No. M 14

WELL SCHEDULE

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

MASTER CARD

Record by W. J. ... Source of data Howe Date 4/20/67 Map _____

State Miss. County (or town) Lee 25 41

Latitude: 34 12 54 N Longitude: 08 83 55 W Sequential number: 1

Lat-long accuracy: 1 10 7 18 NE SE NE

Local well number: M 014 D A 1 B 10 S 07 E Other number: _____

Local use: _____ Owner or name: Rockwell mfg. Co

Owner or name: ROCKWELL LAKE Address: W. ...

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

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

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

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 400 ft Meas. 400 ft accuracy 3

Depth cased: 281 ft Casing type: steel; Diam. 4 in

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), gravel w. (gall. end), horz. open end, perf., screen, sd. pt., shored, other X

Method Drilled: air, bored, cable, dug, hyd, jetted, air, reverse, percussion, rotary, driven, drive wash, other H

Date Drilled: 9-5-63 9-6-63 Pump intake setting: _____ ft

Driller: He ... - H. ...

Lift (type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other S Deep Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 5 Trans. or meter no. _____

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

Alt. LSD: 380 380 Accuracy: (source) 4

Water Level 145 ft above MP; Ft below LSD 145 Accuracy: 6

Date meas: 9-5-63 9-6-63 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 Temp. _____ °F Date sampled _____

Taste, color, etc. _____

TRANSMITTED FOR ADP.

Well No. M 14

Well No. M 14

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

1 SAME AS ON MASTER CARD 19 Physiographic Province: 03 Section: _____
 22 Drainage Basin: 13C 23 Subbasin: _____ 26

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

MAJOR AQUIFER: _____ system _____ series R3 28 Santon 29 aquifer, formation, group E2 30 31

Lithology: _____ 32 US 33 Origin: _____ 34 6 Aquifer Thickness: _____ ft
 Length of well open to: 120 ft 35 120 36 Depth to top of: _____ ft 37 260 38 39

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

Lithology: _____ 48 _____ 49 Origin: _____ 50 _____ 51 Aquifer Thickness: _____ ft
 Length of well open to: _____ ft 52 _____ 53 Depth to top of: _____ ft 54 _____ 55 56 _____ 57 58 59

Intervals Screened: _____

Depth to consolidated rock: _____ ft 60 _____ 61 Source of data: _____ 64

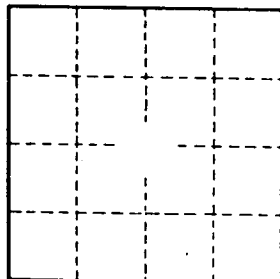
Depth to basement: _____ ft 62 _____ 63 Source of data: _____ 69

Surficial material: _____ 65 _____ 66 Infiltration characteristics: _____ 72

Coefficient Trans: _____ gpd/ft 73 _____ 74 Coefficient Storage: _____ 76 _____ 78

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____ 79

Well on SE side of farm
14



Well No. M 14

M 14
9-5-63

WATER WELL DRILLERS LOG

Date: 7/5, 1963, Driller: HERNDON WELL & SUPPLY CO.
P. O. BOX 42 County Lee
SHANNON, MISSISSIPPI

(1) Owner of Land <small>(Name)</small>	Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
Rockwell Mfg Co. <small>(Address)</small> Tupelo, Miss.	surface sand & clay		0
(2) Location: 1/4, 1/4, Sec 5 105 <small>(distance) (direction) (Nearest Town)</small> 3 miles SW of Moorville	Blue rock	8	80
(3) Topography: <u>Hilly</u> <small>(Hilly) (Flat) (Level)</small>	Sand	8	260
(4) Purpose of Well: <u>Domestic</u> <small>(Domestic Irrigation Municipal, Industrial, Other)</small>	Bottom	8	400

Information upon completion of well:

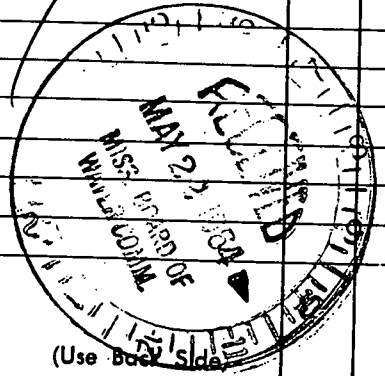
- (1) Diameter 4 inches.
- (2) Total Depth 400 feet.
- (3) Water Level 145 feet below top of ground.
- (4) Cased to 281', Size 4"
- (5) Screen: Size —, Length —
- (6) Were any formations sealed against pollution?
✓ yes, — no.

If YES depth of formation cemented

Why surface & sand

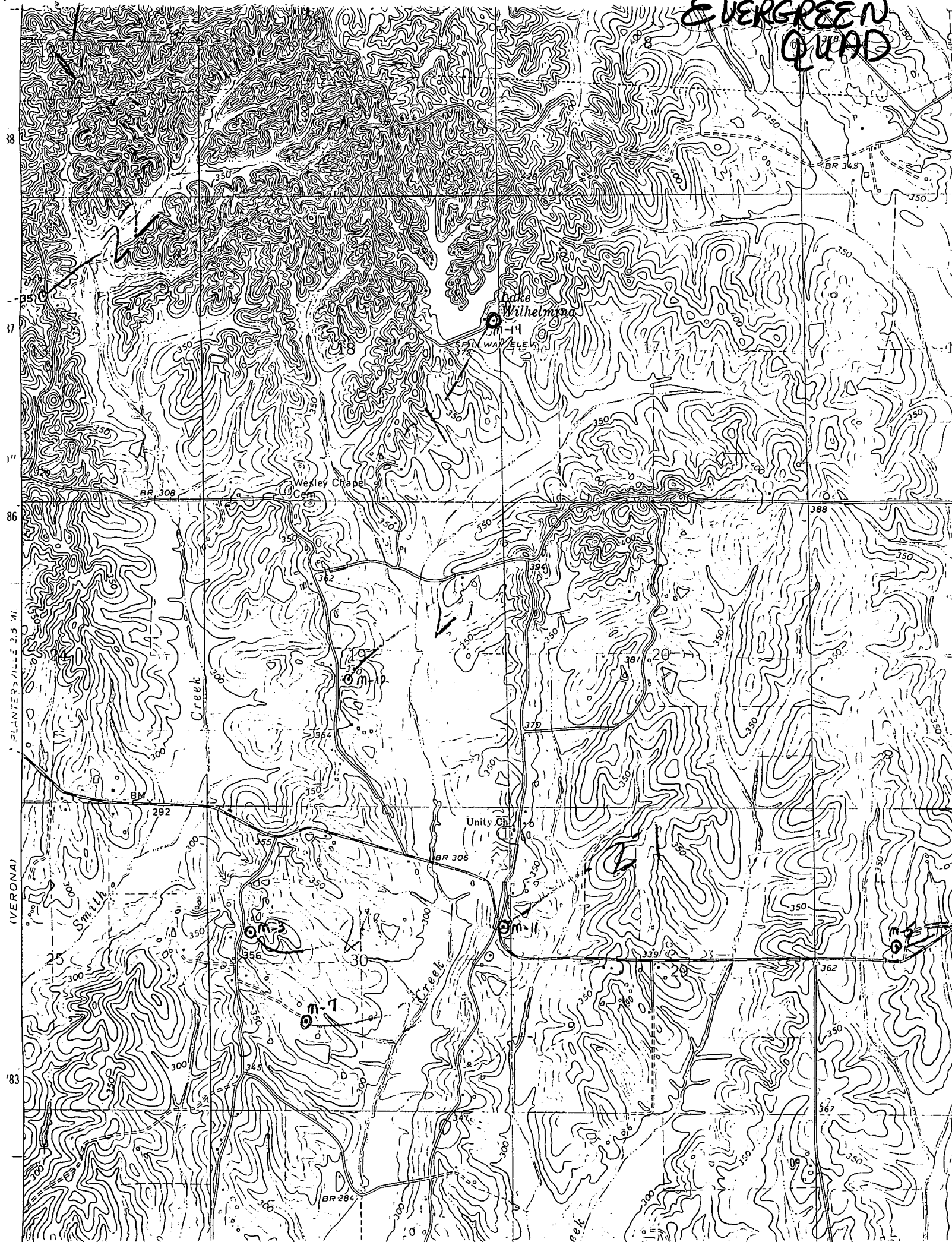
Drillers Remarks: using cement
full length

232 0250350



Well No.

EVERGREEN QUAD



PLANTERSVILLE 2.5 MI

(VERONA)