

GW-774

WRD Exp. (GW)
April 1966

Well No. F24

WELL SCHEDULE

Elog # 50

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD

154-C

Record by P.E. Grantham Source of data Drlg + E Log Date 11-14-68 Map Bradley Gurd

State Mississippi 50 218 County (or town) Oktibbeha 3 53

Latitude: 33 22 22 N Longitude: 088 58 42 Sequential number: 1

Lat-long accuracy: 2 18 13 31 SW SE SW

Local well number: F024DC3118N13E Other number: B & M

Local use: 021050 Owner or name: Bradley Wtr. Assoc.

Owner or name: BRADLEY W. A. Address: _____

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

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

Use of well: 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: USGS 6/1977

Freq. sampling: Pumpage inventory: no. period: _____

Aperture cards: _____

Log data: _____ DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1834 Meas. 3

Depth cased: Split screen ft 1616 Casing type: Steel; Diam. 8x4 in 8

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

Method Drilled: air rot., bored, cable, dug, hyd rot., jetted, air percussion, reverse rotary, trenching, driven, wash, other T

Date Drilled: 11-68 968 Pump intake setting: _____ ft 36 38

Driller: Herndon-Homan Drlg Co. Shannon, Miss

Lift (type): air, bucket, cent., jet, multiple, multiple, none, piston, rot., submerg, turb, other T Deep 39 Shallow 40

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 20 V Trans. or meter no. _____

Descrip. MP 325 5/92 above ft below LSD, Alt. MP _____

Alt. LSD: 330' 330 Accuracy: 10' CT 4

Water Level: _____ ft above below MP; Ft below LSD 179 Accuracy: _____ 53 4

Date meas: 672 Yield: _____ gpm _____ Method determined _____ 61

Drawdown: 5 gpm/ft ft _____ Accuracy: _____ Pumping period _____ hrs _____ 68

QUALITY OF WATER DATA: Iron _____ Sulfate _____ Chloride _____ Hard. _____ 72

Sp. Conduct 1100 K x 10⁶ _____ Temp. °F 310 Date sampled 6-30-77 677

Taste, color, etc. pH = 8.3

Nov/1968 WL BY DRILLER = 124 FT BELOW LSD

9/20/78
WL: 144.45

Well No. F24

Well No. F24

Latitude-longitude _____
d m s d m s

HYDROGEOLOGIC CARD

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

Drainage Basin: D 136 Subbasin: _____

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

MAJOR AQUIFER: system _____ series K3 aquifer, formation, group G0

Lithology: US Origin: 2 Aquifer Thickness: _____ ft

Length of well open to: 120 ft 50 Depth to top of: 1572 ft 157

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: _____

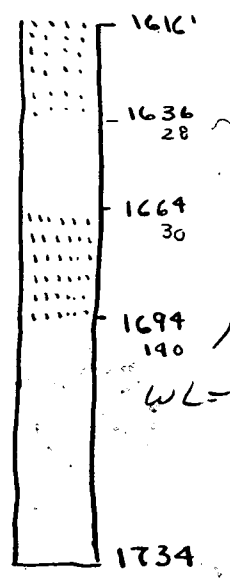
USED AS A BACKUP WELL 7-81

12-4-90
mp = 1.8'

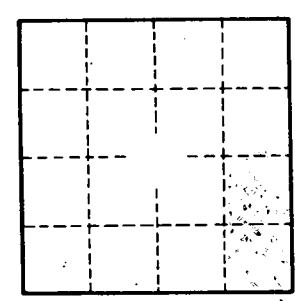
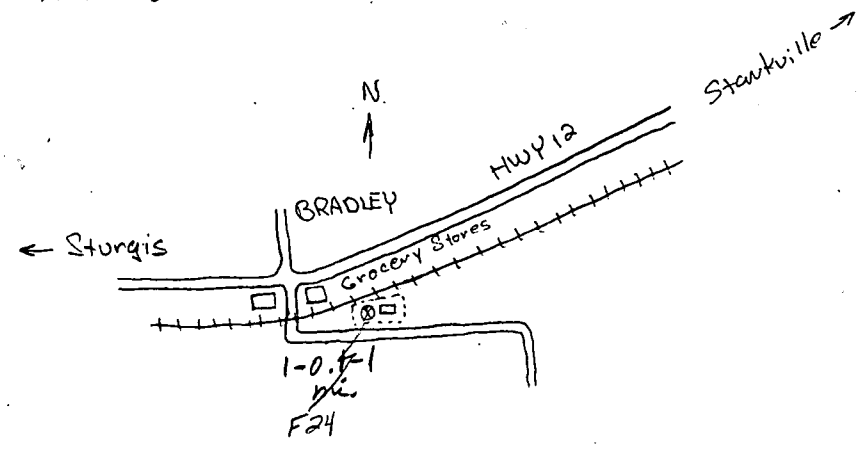
Hold = 180'
cut = 6.29'

171.91

153.0975L



10/19/92
WL = 169.58



Well No. F24

Oktibbeha
724
3-1-69
U.S.G.S.

MISSISSIPPI
BOARD OF WATER COMMISSIONERS
416 North State Street
Jackson, Mississippi 39201

WATER WELL DRILLERS LOG

March 1969 Herndon-Homan Well Supply, Oktibbeha
date well completed firm name county well located

LANDOWNER	description of formations encountered	from	to
Bradley Water	Red Clay	0	10
Dove, Inc.	Mixed clay (blue w/ yellow)	10	25
Oktibbeha Co, Miss.	Blue Clay	25	345
(mailing address)	Grey Clay	345	445
WELL LOCATION:	Black sand + white chalk streaks	445	540
sec. 31 T. 18 N. R. 13 E	White Chalk	540	600
SW1/4 SE1/4 SW1/4	Mixed clay (grey/black)	600	830
(distance) miles (direction) of (nearest town)	Gummy clay	830	890
WELL PURPOSE: Community	Sandy shale	890	905
(home, irrigation, municipal, industrial)	Gummy clay	905	1050
WELL COMPLETION DATA:	Sand with shale rock	1050	1180
(1) diameter (inches) 8"	Sand	1180	1210
(2) total depth (feet) 1834	Gummy clay	1210	1248
(3) static water level (feet) 132' below top of ground	Sand	1248	1300
(4) casing Steel 809' (material) (depth)	Gummy clay	1300	1325
8" (size) if telescope top of hole	Sandy shale	1325	1480
(5) screen 50' (length) 175' (depth to top)	Gummy clay	1480	1578
4" (size) 304 SS. (material)	Slight sand	1578	1640
(6) pump 20 (HP) (yield gpm)	Sand	1640	1690
electric (type power)	Gummy clay	1690	1755
(7) electric log Yes (yes or no)	Sand	1755	1770
U.S.G.S. (organization running log)	Pink gummy clay	1770	1785
(8) how well bottom plugged plugged	Chert (little gravel)	1785	1834
	Bottom of test	1834	

MAY 27 1969

DRILLERS REMARKS:

MISS. Bd. OF WATER COM.

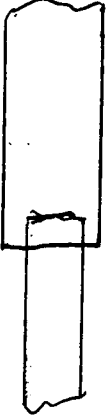
7

If well telescopes please sketch and show depths.

GROUND LEVEL



80' of
8" casing



Lead
Seal

1616



Black
20' screen

1636

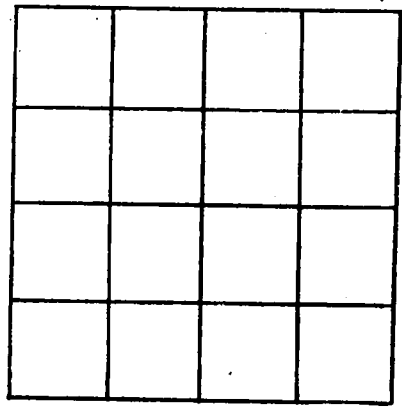


25' Black
30' of 4" screen

1664

1694

If more than one screen, show locations of each on sketch.



SECTION 31

Please indicate well location X.

ADDITIONAL INFORMATION

Series of horizontal lines for additional information.

609

140' of Black

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

USCA 10

