

WELL SCHEDULE

WATER RESOURCES DIVISION

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

Note says well on ^{GW 13168} Lexington South of lawyer Bob Gilfoy MAR 14 1975

54

Elog # 58

PUNCHED

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by WTD Source of data BANC MSGS Date 1/71 Map _____

State 28 County (or town) Holmes 26

Latitude: 33° 05' 37" N Longitude: 089° 58' 12" W Sequential number: 1

Lat-long accuracy: 2 T, 14 S, 30 R, 30 SE, NE, NW, NW

Local well number: S004AA0314NO3E Other number: _____

Local use: 064058 Owner or name: _____

Owner or name: SOUTH HOLMES WA Address: LEXINGTON

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, (G) Dom, (H) Irr, (I) Med, (J) P S, (K) Rec, (L) Stock, (M) Instat, (N) Unused, (O) Reppure, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other P

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed W

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

Hyd. lab. data: _____

Qual. water data; type: _____

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

Aperture cards: _____

Log data: Elog 10'-1330 D/E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1330 ft Meas. accuracy 3

Depth cased: (first perf.) 1290 ft Casing type: Steel Diam. 6x4 in

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) percuss, (K) rotary, (L) perf., (M) screen, (N) sd. pt., (O) shored, (P) open hole, (Q) other S

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

Date Drilled: 970 Pump intake setting: _____ ft

Driller: SINGER-LAYNE

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple (cent.), (F) multiple (turb.), (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. 15 Trans. or meter no. U

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

Alt. LSD: 370 Accuracy: topo

Water Level: 137 ft above below MP; Ft. 137 LSD Accuracy: _____

Date meas.: 171 Yield: 60 gpm 116 Method determined _____

Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs

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

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

Taste, color, etc. _____

Well No.

54

Well No. _____

54

Latitude-longitude _____

HYDROGEOLOGIC CARD

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

Drainage Basin: D Subbasin: 15J

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 AW

Lithology: US Origin: D Aquifer Thickness: 94 ft

Length of well open to: 65 ft Depth to top of: 40 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 S.S.

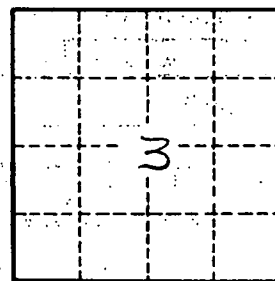
Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient of Trans: _____ gpd/ft Coefficient of Storage: _____

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



Well No.

54

HOLMES
S4
1-11-71

B

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

ELOG #58

WATER WELL DRILLERS LOG

CODED

1/11/71 1971 Singer Lamin Central Div. Holmes
date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
South Holmes Water Association	Red Clay	0	12
Lexington, Miss (mailing address)	White Sandy Clay	12	59
	Sand	59	243
WELL LOCATION:	Sandy Clay	243	306
sec. 30 T 14 N R 3 E	Clay & Sandy Shale	306	487
	Sand & Shale Clay	487	550
	Sand	550	633
(distance) miles (direction) of (nearest town)	Hard Clay & Sand Shale	633	701
WELL PURPOSE: Domestic (home, irrigation, municipal, industrial)	Sandy Clay	701	830
	Hard Clay	830	860
WELL COMPLETION DATA:	Rock	860	864
(1) diameter (inches) 6"	Hard Clay	864	912
(2) total depth (feet) 1335'	Rock	912	914
(3) static water level (feet) 137' below top of ground	Hard Shale & Rock Shale	914	922
(4) casing Steel 1289' (material) (depth)	Blue Sandy Shale	922	991
6" If telescope see back. (size) and 50' 24" (length)	Sandy Shale	991	1033
(5) screen 40 1289 (length) (depth to top)	Rock	1033	1035
4" Stainless Steel (size) (material)	Clay & Sandy Shale	1035	1050
(6) pump 15 16 @ 60 # (HP) (yield gpm)	Rock	1050	1053
Electric (type power) 275' of DP	Clay & Rock Shale	1053	1071
(7) electric log yes (yes or no)	Hard Clay	1071	1106
Miss. Geol. Survey (organization running log)	Rock	1106	1112
(8) how well bottom plugged Valve	Shale	1112	1120
	Rock & Shale Shale	1120	1132
	Sandy Shale	1132	1175
	Hard Shale	1175	1235
	Sandy Shale	1235	1274
	Sand	1274	1335
	Clay	1335	1336

CODED

JAN 23 1971

DRILLERS REMARKS:

Pump not installed as of this date

Mailed to Board of Water Commissioners 1/27/71

MISS. RD. OF WATER COMM.

WILCOX DATA SHEET-VERIFICATION CHECKLIST

COUNTY HOLMES

Lexington South Quad
U.S.G.S. E-102 = 58

WELL OWNER South Holmes W.A.

CHECKED

U.S.G.S. NO. 5-4

1/11/95

B.O.H. NO 260014-01

1/11/95

OLWR NO. MS-GW-13168

3/15/95

LOCATION:

MAP NE, SE, NW, NW S 30, T 14 N, R 3 E

1/11/95

GPS _____

ELEV. (MSL) 370'

1/11/95

W.L. (L.S.) (1) - 174.23'

1/11/95

(2) - 174.42' ✓

1/11/95

HEAD (MSL) + 195.58'

1/11/95

SCREENED INTERVAL -1,290' - 1,330' (LS) / - 920' - -960' (MSL)

3/15/95

AQUIFER VERIFIED Meridian - Upper Wilcox

3/15/95

PREVIOUS W.L. -137' (1971)

3/15/95

DATA ENTERED _____



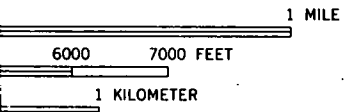
Lexington South Quad

Franklin

76 2'30" R2E R3E 78

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1982

780000mE 90



ROAD CLASSIFICATION

- | | | | |
|------------------------------------|--|--|--|
| Primary highway,
hard surface | | Light-duty road, hard or
improved surface | |
| Secondary highway,
hard surface | | Unimproved road | |