

GW-13169

Goodman

MAR 14 1975

FORM 9-1642 (1-68)

Well No. W24

WELL SCHEDULE
GEOLOGICAL SURVEY

Elog # 57

Goodman Quad

U. S. DEPT. OF THE INTERIOR

WATER RESOURCES DIVISION

MASTER CARD JAC 12/24/71

Record by WJR Source of data MSGs Date 12/70 Map

State 28 County (or town) Holmes 26

Latitude: 32 59 52 N Longitude: 089 59 21 Sequential number: 1

Lat-long accuracy: 20 T. 130 S. R. 30 W. Sec. 9 SW. NE. NE.

Local well number: W024AA0913NO3E Other number: B & M

Local use: 064057 Owner or name: Sou. Holmes Wtr. Com.

Owner or name: SOUTH HOLMES W.A. Address: Well "A"

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, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other P

Use of well: (A) 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:

Freq. sampling: Pumpage inventory: yes no; period:

Aperture cards: yes

Log data: Elog 10' - 1426' DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1435 ft. Meas. rept. accuracy 3

Depth cased; (first perf.) 1395 ft. Casing type: Steel; Diam. 6x4 in. 6

Finish: (C) porous concrete, (F) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other S

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd jetted, (J) rot., (P) air percussion, (R) reverse, (T) trenching, (V) driven, (W) drive wash, (Z) other H

Date Drilled: 970 Pump intake setting: 296 ft.

Driller: Layne

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, other S Deep Shallow

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

Descrip. MP 400 ft above LSD, Alt. MP 4

Alt. LSD: 360 Accuracy: (source) Topo 4

Water Level: 157 ft above MP; Ft below LSD Accuracy: D

Date meas: D70 Yield: 0.60 gpm 120 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. W24

Well No. _____

W 24

Latitude-longitude _____
N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: _____

03

Section: _____

D

Drainage Basin: _____

J5K

Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (C) (E) (F) (H) (K) (L)

(Ø) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER:

system _____ series _____ aquifer, formation, group _____

TE

MW

Lithology: _____

S

Origin: _____

Z

Aquifer Thickness: _____

89

ft

Length of well open to: _____ ft

65

ft _____

50

Depth to top of: _____ ft

1358

ft _____

A36

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

Depth to basement: _____ ft

Surficial material: _____

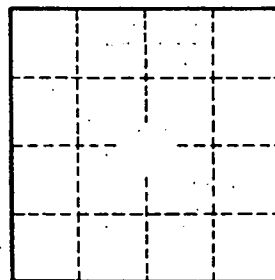
Coefficient Trans: _____

Coefficient Perm: _____

gpd/ft²; Spec cap: _____

gpm/ft; Number of geologic cards: _____

Sand 1346' - 1435'



Well No. _____

W 24

HOLMES
W 24
12-7-70

A. Elog # 57

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

Coded

WATER WELL DRILLERS LOG

12-7 1970 Singer-Lewis Central Div. Holmes
 date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
<u>South Holmes Water Assoc.</u>			
<u>Lexington, Miss.</u> (mailing address)	<u>yellow clay</u>	<u>15</u>	<u>125</u>
WELL LOCATION:	<u>Sandy Clay</u>	<u>125</u>	<u>249</u>
sec. <u>9</u> T. <u>13</u> N. R. <u>3</u> E (9) (13)	<u>Red Sand</u>	<u>249</u>	<u>283</u>
<u>South</u> of <u>Lexington</u> (distance) (direction) (nearest town)	<u>Sandy Shale</u>	<u>283</u>	<u>430</u>
WELL PURPOSE: <u>Domestic</u> (home, irrigation, municipal, industrial)	<u>Shales</u>	<u>430</u>	<u>452</u>
WELL COMPLETION DATA:	<u>Sand & Shale streaks</u>	<u>452</u>	<u>573</u>
(1) diameter (inches) <u>6"</u>	<u>Hard Clay</u>	<u>573</u>	<u>580</u>
(2) total depth (feet) <u>1441'</u>	<u>Sand & Lignite</u>	<u>580</u>	<u>585</u>
(3) static water level (feet) <u>157</u> below top of ground.	<u>Hard Clay</u>	<u>585</u>	<u>610</u>
(4) casing <u>Steel</u> <u>1391'</u> (material) (depth)	<u>Sandy Clay</u>	<u>610</u>	<u>676</u>
<u>6"</u> If telescope see back. 296' DP. (size)	<u>Sand & Shale streaks</u>	<u>676</u>	<u>716</u>
(5) screen <u>50'</u> <u>1391</u> (length) (depth to top)	<u>Clay & Sandy streaks</u>	<u>716</u>	<u>754</u>
<u>4"</u> <u>Stainless Steel</u> (size) (material)	<u>Hard Clay</u>	<u>754</u>	<u>779</u>
(6) pump <u>20</u> <u>120 @ 60 #</u> (HP) (yield gpm)	<u>Sandy Shale</u>	<u>779</u>	<u>786</u>
<u>Electric</u> (type power)	<u>Hard Clay</u>	<u>786</u>	<u>905</u>
(7) electric log <u>yes</u> (yes or no)	<u>Hard Rock</u>	<u>905</u>	<u>909</u>
<u>Miss. Geo. Survey</u> (organization running log)	<u>Shale</u>	<u>909</u>	<u>912</u>
(8) how well bottom plugged <u>Valve</u>	<u>Hard Rock</u>	<u>912</u>	<u>916</u>
DRILLERS REMARKS:	<u>Shale</u>	<u>916</u>	<u>934</u>
	<u>Rock</u>	<u>934</u>	<u>937</u>
	<u>Sandy Shale</u>	<u>937</u>	<u>967</u>
	<u>Clay</u>	<u>967</u>	<u>1012</u>
	<u>Rock</u>	<u>1012</u>	<u>1014</u>
	<u>Hard Shale</u>	<u>1014</u>	<u>1021</u>
	<u>Rock & Sand streaks of Clay</u>	<u>1021</u>	<u>1030</u>
	<u>Hard Shale</u>	<u>1030</u>	<u>1099</u>
	<u>Rock</u>	<u>1099</u>	<u>1109</u>
	<u>Hard Shale</u>	<u>1109</u>	<u>1114</u>
	<u>Rock</u>	<u>1114</u>	<u>1120</u>
	<u>Hard Shale</u>	<u>1120</u>	<u>1132</u>
	<u>Rock</u>	<u>1132</u>	<u>1141</u>
	<u>Hard Shale</u>	<u>1141</u>	<u>1146</u>
	<u>Rock & Sh. of Shale</u>	<u>1146</u>	<u>1170</u>
	<u>Hard Shale</u>	<u>1170</u>	<u>1183</u>
	<u>Rock</u>	<u>1183</u>	<u>1198</u>
	<u>Hard Shale</u>	<u>1198</u>	<u>1227</u>
	<u>Sandy Shale</u>	<u>1227</u>	<u>1289</u>
	<u>Hard Clay</u>	<u>1289</u>	<u>1346</u>
	<u>Sand</u>	<u>1346</u>	<u>1435</u>

MISSISSIPPI
 BOARD OF WATER COMMISSIONERS
 12-7-70

WILCOX DATA SHEET-VERIFICATION CHECKLIST

COUNTY HOLMES

Goodman Qued
U.S.G.S. E-105 # 57.

WELL OWNER South Holmes W.A. CHECKED
U.S.G.S. NO. W-24 3/15/95
B.O.H. NO 260021-01 3/15/95
OLWR NO. _____ _____

LOCATION:

MAP SE SW NE
SE NE S 9 T 13 N R 3 E 3/15/95
GPS _____

ELEV. (MSL) 400' John has it at a 360' on top
360' (Lindsay + Jo est 400') 3/15/95

W.L. (L.S.) (1) -195.45' 3/15/95
(2) -195.40' 3/15/95

HEAD (MSL) +204.55'
+164.55' 3/15/95

SCREENED INTERVAL 1,395' - 1,435' (L.S.) ~~-1,995' - -1,035' (msl)~~ 3/15/95

AQUIFER VERIFIED middle Wilcox (m.w. uss) 3/15/95

PREVIOUS W.L. -157' (1970) 3/15/95

DATA ENTERED _____ _____

GEOLOGICAL SURVEY

220000m.E. LEXINGTON 9 MI. FRANKLIN 2.5 MI. 222 150 000 FEET (EAST) 223 57'30" 224 GRENADA 59 MI. 8 MI. TO MISS. 12

