

Location Walthall

Date of collection _____

Ignition Loss _____

Disolved Solids: _____

Calculated (sum) _____

Residue at 180°C. 86.0

Tons per acre foot _____

Hardness as CaCO₃ _____

N.C. hardness _____

% Na _____ SAR _____ RSC _____

Specific conductance (microhmhos at 25°C) _____

pH 7.5 Color _____

Source (type of well) Drilled

Operator Town Walthall

Date drid. 1964 Depth 2410 ft.

WBF Gordo

Producing intervals 2370-2410

Water level 250 ft.

Sampled after pumping 3

Yield _____ GPM

Pt of coll. _____

Appearance _____

Temp (°F) _____ Use _____

Collector _____

Chemist STATE

Date completed _____

Checked by _____

Date transmitted _____

CO₂ 8

9-185
(October 1960)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

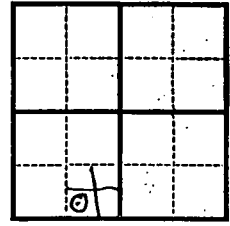
WELL SCHEDULE

Date 3-25, 1964 Field No. _____

Record by P.E. Grantham (Srd. Geoswell) Office No. H-11

Source of data Dr. & Obser. (W. Barton Engr.)

- Location: State Miss County Webster
Map Walthall Quad
SW SE 1/4 SW 1/4 sec 8 T 20 R 10
- Owner: Town of Walthall Address Walthall
Tenant _____ Address _____
Driller Robert Ratliff Address Grenada
- Topography Rolling
- Elevation 460 ft. above M.S.L.
below _____
- Type: Dug, drilled, driven, bored, jetted 3 1964
- Depth: Rept. 2410 ft. Meas. _____ ft.
- Casing: Diam. 8 in., to 6 in., Type _____
Depth _____ ft., Finish 40'x6"
- Chief Aquifer Gordo Fm From _____ ft. to 2380 ft.
Others _____
- Water level 250 ft. Rept. June 1964 15d
_____ which is _____ ft. above
below surface
- Pump: Type _____ Capacity _____ G. M.
Power: Kind _____ Horsepower _____
- Yield: Flow _____ G. M., Pump 150 G. M., Meas., Rept. Est. _____
Drawdown 50 ft. after _____ hours pumping _____ G. M.
- Use: Dom., Stock, RS, RR., Ind., Irr., Obs. _____
Adequacy, permanence _____
- Quality _____ Temp _____ °F.
Taste, odor, color _____ Sample Yes
No
- Unfit for _____
- Remarks: (Log, Analyses, etc.) Well became turbid and was apparently re-developed.



WEBSTER MISSISSIPPI BOARD OF WATER COMMISSIONERS

H 11

WATER WELL DRILLERS LOG

coded
~~CODED~~

5-30-64

Date: May 30, 1964, Driller: Robert E. Rathoff County Shenandoah
E Log # 9

		Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
(1) Owner of Land: <u>Walthall, Mrs. J. M.</u> (Name)		Red clay	0	26
<u>Walthall, Miss</u> (Address)		Shale sand	26	40
(2) Location: <u>SW SE SW</u> ^{ZONA 10E} <u>1/4, 1/4, Sec. 8 T. R.</u>		Shale	40	130
<u> </u> miles <u> </u> of <u> </u> (distance) (direction) (Nearest Town)		Shale & sand	130	145
(3) Topography: <u>Hilly</u> (Hilly) (Flat) (Level)		Shale	145	260
(4) Purpose of Well: <u>Municipal</u> (Domestic Irrigation Municipal, Industrial, Other)		Shale & sand	260	280
		Shale <u>CODED</u>	280	300
		Rock	300	301
		Shale	301	545
		Rock	545	546
		Shale	546	716
		Rock	716	717
		Shale	717	730
		Rock	730	734
		Shale	734	755
		Rock	755	757
		Shale	757	823
		Rock <u>CODED</u>	823	824
		Shale	824	962
		Sand & Shale	962	952
		Shale	952	1040
		Rock	1040	1041
		Shale	1041	1198
		Rock	1198	1210
		Shale	1210	1335
		Rock	1335	1338
		Hard shale	1338	1383
		Hard shale	1383	1550
		Sand	1550	1560
		Hard shale	1560	1568
		Rock	1568	1569
		Sand & Shale	1569	1585
		Continued		

Information upon completion of well:

(1) Diameter 10x6 inches.

(2) Total Depth 2410 feet.

(3) Water Level 250 feet below top of ground.

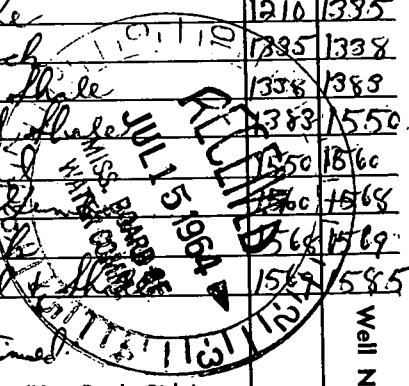
(4) Cased to 2410, Size 10x6.

(5) Screen: Size 6", Length 40ft.

(6) Were any formations sealed against pollution?
 yes, ~~but~~ no. 3410
If YES depth of formation but feet

Why _____

Drillers Remarks: _____



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WEBSTER MISSISSIPPI BOARD OF WATER COMMISSIONERS

H

5-30-64

WATER WELL DRILLERS LOG

Date: May 30, 1964, Driller: Robert E. Ratliff County Llano
(Name)

		Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
(1) Owner of Land: <u>Walther Development Foundation</u> <small>(Name)</small>		<u>Rock</u>	<u>1585</u>	<u>1588</u>
<u>Walther Miss.</u> <small>(Address)</small>		<u>Sand & Shell</u>	<u>1588</u>	<u>1590</u>
(2) Location: <u>1/4</u> , <u>1/4</u> , Sec. <u> </u> T. <u> </u> R. <u> </u>		<u>Hard Shale</u>	<u>1590</u>	<u>1680</u>
<u> </u> miles <u> </u> of <u> </u> <small>(distance) (direction) (Nearest Town)</small>		<u>Rock</u>	<u>1680</u>	<u>1682</u>
(3) Topography: <u>Hilly</u> <small>(Hilly) (Flat) (Level)</small>		<u>Shale</u>	<u>1682</u>	<u>1700</u>
(4) Purpose of Well: <u> </u> <small>(Domestic Irrigation Municipal, Industrial, Other)</small>		<u>1700 ft. 4" Rock</u>		
Information upon completion of well: (1) Diameter <u>10</u> inches. (2) Total Depth <u>2410</u> feet. (3) Water Level <u>250</u> feet below top of ground. (4) Cased to <u>2410</u> , Size <u>10"</u> (5) Screen: Size <u>6</u> , Length <u>40</u> (6) Were any formations sealed against pollution? <u>✓</u> yes, <u> </u> no. If YES depth of formation <u> </u> Why <u> </u> Drillers Remarks: <u> </u>		<u>Land</u>	<u>1700</u>	<u>1704</u>
		<u>Rock</u>	<u>1704</u>	<u>1708</u>
		<u>Land</u>	<u>1708</u>	<u>1733</u>
		<u>Rock</u>	<u>1733</u>	<u>1738</u>
		<u>Land</u>	<u>1738</u>	<u>1741</u>
		<u>Rock</u>	<u>1741</u>	<u>1747</u>
		<u>Shale</u>	<u>1747</u>	<u>1753</u>
		<u>Sand & Shale</u>	<u>1753</u>	<u>1778</u>
		<u>Shale</u>	<u>1778</u>	<u>1780</u>
		<u>Land</u>	<u>1780</u>	<u>1784</u>
		<u>Shale & sand</u>	<u>1784</u>	<u>1811</u>
		<u>Rock</u>	<u>1811</u>	<u>1812</u>
		<u>Shale</u>	<u>1812</u>	<u>1832</u>
		<u>Land</u>	<u>1832</u>	<u>1840</u>
		<u>Rock</u>	<u>1840</u>	<u>1846</u>
		<u>Shale & sand</u>	<u>1846</u>	<u>1920</u>
		<u>Sand & Shale</u>	<u>1920</u>	<u>1973</u>
		<u>Shale</u>	<u>1973</u>	<u>1990</u>
		<u>Sand</u>	<u>1990</u>	<u>2010</u>
		<u>Shale</u>	<u>2010</u>	<u>2015</u>
<u>Sand</u>	<u>2015</u>	<u>2035</u>		
<u>Shale</u>	<u>2035</u>	<u>2058</u>		
<u>Rock</u>	<u>2058</u>	<u>2059</u>		
<u>Sand & Shale</u>	<u>2059</u>	<u>2165</u>		
<u>Rock</u>	<u>2165</u>	<u>2166</u>		
<u>Sand & Shale</u>	<u>2166</u>	<u>2186</u>		
				Well No.



(Use Back Side)

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H

WATER WELL DRILLERS LOG

5-30-64

27

Date: May 30, 1964, Driller: Robert F. Ratliff County Glenn
 (Name)

(1) Owner of Land: (Name)	Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
<u>Walthell, Miss</u> (Address)	<u>Rock</u>	<u>2126</u>	<u>2127</u>
(2) Location: <u>1/4</u> , <u>1/4</u> , Sec. <u> </u> T <u> </u> R <u> </u>	<u>Shale + sand</u>	<u>2127</u>	<u>2307</u>
<u> </u> miles <u> </u> , of <u> </u>	<u>Rock</u>	<u>2307</u>	<u>2311</u>
(distance) (direction) (Nearest Town)	<u>Sand</u>	<u>2311</u>	<u>2318</u>
(3) Topography: (Hilly) (Flat) (Level)	<u>Shale</u>	<u>2318</u>	<u>2385</u>
(4) Purpose of Well: (Domestic Irrigation Municipal, Industrial, Other)	<u>Land</u>	<u>2385</u>	<u>2302</u>
	<u>Land</u>	<u>2302</u>	<u>2410</u>
	<u>Sand + shale</u>	<u>2410</u>	<u>2410</u>

Information upon completion of well:

(1) Diameter 10 inches.

(2) Total Depth 2410 feet.

(3) Water Level 250 feet below top of ground.

(4) Cased to 2410, Size 10'

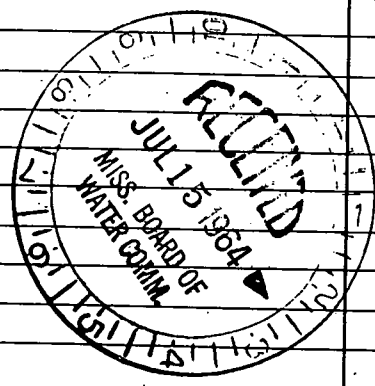
(5) Screen: Size 6", Length 40

(6) Were any formations sealed against pollution?
 yes, no.

If YES depth of formation _____

Why _____

Drillers Remarks: _____



Well No.

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132 D

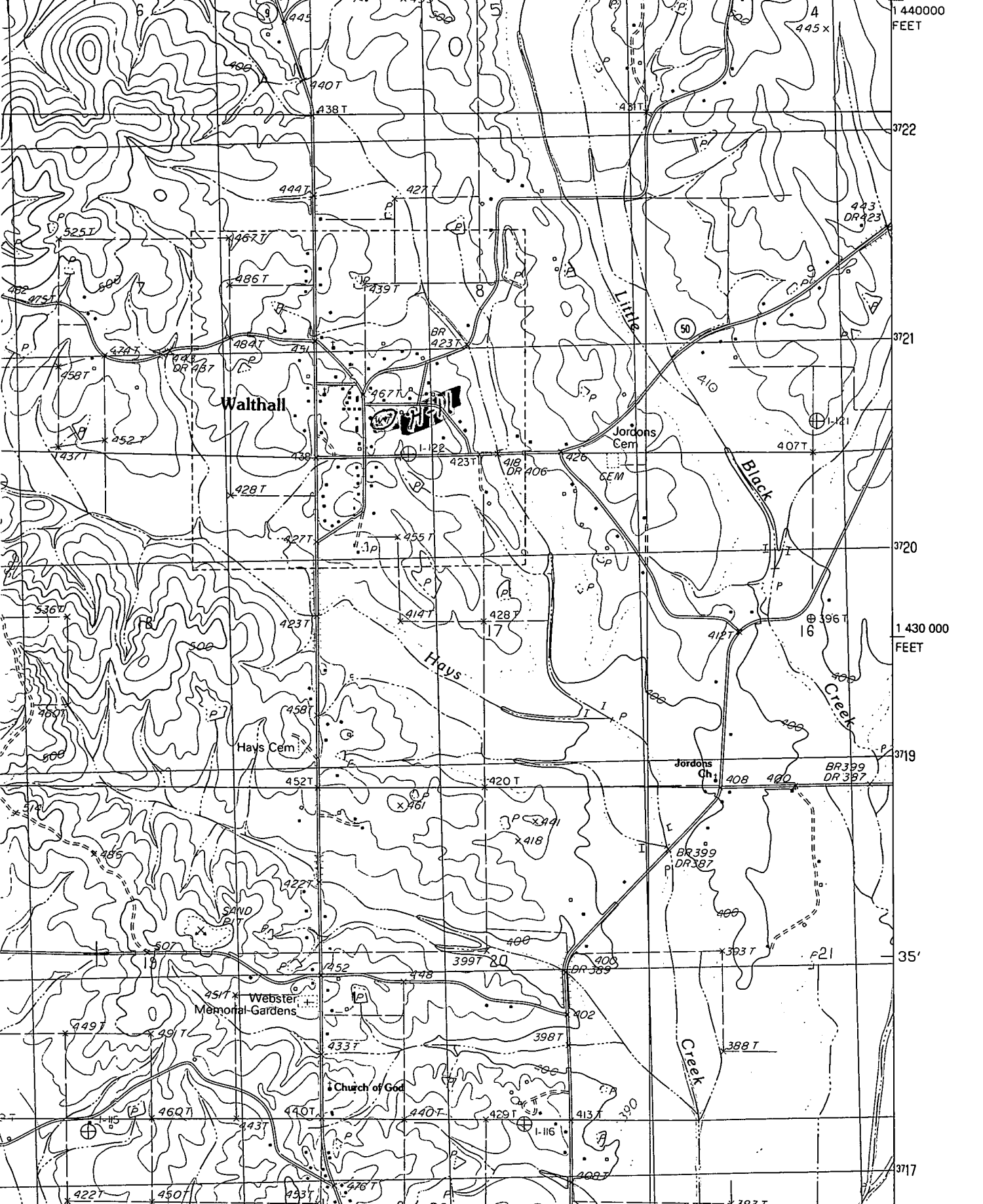
CHOCTAW

EUPORA QUADRANGLE

MISSISSIPPI

7.5 MINUTE SERIES (TOPOGRAPHIC)

87 | 17' 30" | 288 | 289 | 370000 FEET | 291 | 89° 15' | 33° 37' 30"



1 440000 FEET

3722

3721

3720

1 430 000 FEET

3719

35'

3717