

6/78 WTO

TRANSMITTED FOR ADP

Recorded by WTO  
Date 8/28/78

U.S. GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  
MISSISSIPPI DISTRICT  
WELL RECORD

Well No. K311 <sup>10</sup>  
E-Log No. 77  
County LOWNDES

Site ID 332519088324701 R=0\* T=A\* 2=W\* BENT OAK 155-B

GEN. SITE DATA

Data reliab. 3=C\* Report. agency 4=USGS\* Dist. 6=28\* 7=28\* Co. 8=087\*  
Lat. 39  
Long. / 9=332519 10=0883247\* Well No. 12=K031\*  
Location 13=SW SW NW 17 T 18 N R 17 E\* Alt. 16=21035\*  
Hyd. Unit (OWDC) 20= Date 21=08/28/1978\*  
Well use 23=W\* Water Use 24=H\* Hole depth 27=500.\* Well depth 28=431.\*  
WL 30=83.\* Date 31=08/28/1978\* Source 33=D\*  
Status 273= Project No. 5=

OWNER

R=158\* T=A\* Date 159#08/28/1978\* Owner No. \_\_\_\_\_  
Owner 161=L D SCALES\*

FIELD QW

R=192\* T=A\* Date 193# Temp. 196#00010\* 197= . . \*  
R=192\* T=A\* Date 193# Cond. 196#00095\* 197= . . \*  
R=192\* T=A\* Date 193# pH 196#00400\* 197= . . \*

CONSTR.

R=58\* T=A\* 59#1\* Date 60=08/28/1978\* Remarks \_\_\_\_\_  
Drlg. 63=330\* Name Herndon Well Method 65=H\* Finish 66=S\*

CASING

R=76\* T=A\* 59#1\*  
Top csng. 77# 0.\* Bot. csng. 78=185.\* Diam. 79# 5.\*  
R=76\* T=A\* 59#1\*  
Top csng. 77# 185.\* Bot. csng. 78=391.\* Diam. 79# 2.\*

OPENINGS

R=82\* T=A\* 59#1\* Top 83# 391.\* Bottom 84=411.\*  
Type 85=S\* Diam. 87=2.\* Size 88=.010\*  
R=82\* T=A\* 59#1\* Top 83# 453.\* Bottom 84=473.\*  
Type 85=S\* Diam. 87=2.\* Size 88=.010\*

YIELD

R= 146\* T=A\* 147# 1\* Q 150= 30.\* Q/S 272=

134 flows 146 pumped

Well 120.0  
Cut 20.67  
DNP .8  
Wf 98.53  
9/19/91

LIFT R=42\* T= A \* Lift type 43# S\* Intake 44= \* Power type 45= E\*  
 Date 38= 08/28/1978\* H.P. 46= 1.5\*

LOGS R=198\* T= A \* Log 199# E\* Top 200= 200.\* Bot 201= 494.\*  
 R=198\* T= A \* Log 199# D\* Top 200= 0.\* Bot 201= 500.\*  
 R=189\* T= A \* E Log No. 190# 077\* 191= M I S S I D I S T \*

ANAL. R=114\* T= A \* Year 115# \* Type 120= \*

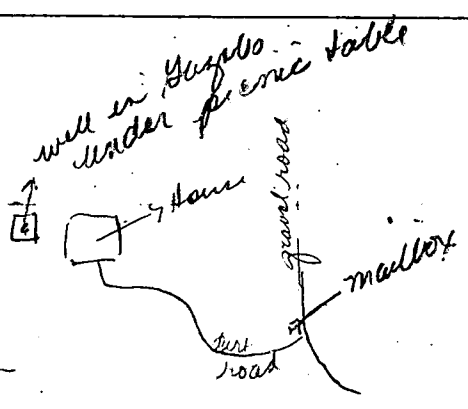
AQUIFERS R=90\* T= A \* 256# 1 \* Top 91= 490.\* Bot 92= \*  
 Unit ID 93= 211EUTW \* Name of Unit \_\_\_\_\_  
 R=90\* T= A \* 256# 1 \* Top 91= \* Bot 92= \*  
 Unit ID 93= \* Name of Unit \_\_\_\_\_

HYDRAULICS R=98\* T= A \* 99# 1 \* Unit tested 100= \* 103= \*  
 R=105\* T= A \* 99# 1 \* Test No. 106# \*  
 107= \* Transmissivity (gal/d)/ft \_\_\_\_\_  
 108= \* Hydraul. cond. (gal/d)/ft<sup>2</sup> \_\_\_\_\_  
 110= \* Storage coeff. Boundaries \_\_\_\_\_

R=121\* T= \* Yr Begin 122# \* Network 258= \*

Water Level Data Collection (1)

description of formations encountered	from	to
Red Sand	0	5
Red Clay	5	18
Blue Clay	18	80
Brown Clay	80	90
Blue Clay	90	230
Sandy Blue Clay	230	250
Hard Rock	250	251
Sand	251	275
Shale Rock	275	278
Sand	278	343
Blue Clay	343	348
Sand	348	480
Clay	480	500



LOWNDES  
K31  
8/29/78  
EW#77

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

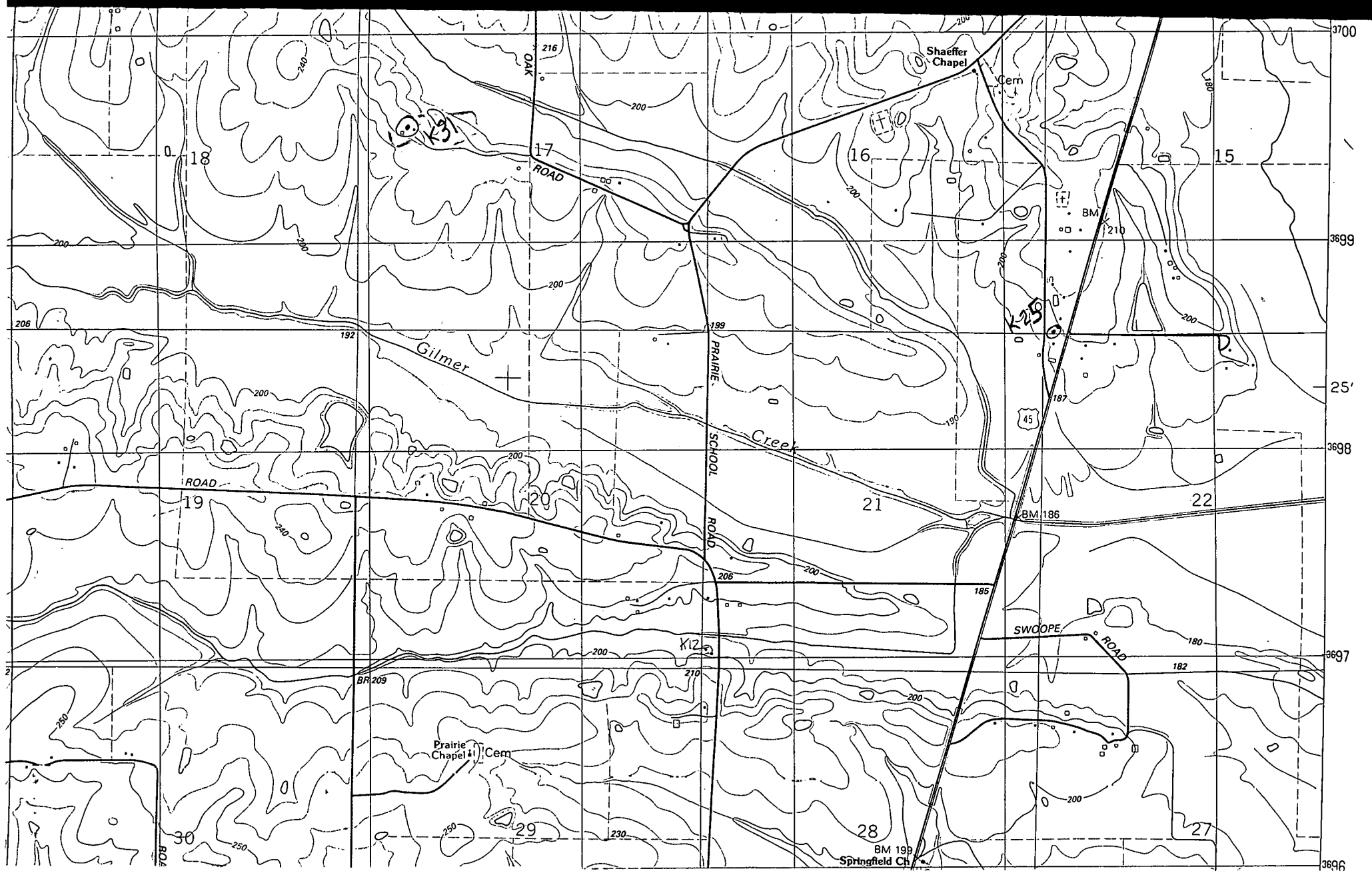
CODE

WATER WELL DRILLERS LOG

28 August 1978 Herndon Well & Supply, Inc Lowndes  
date well completed firm name county well located

LANDOWNER: L. D. Scales	description of formations encountered	from	to
Hwy. 45 North			
Columbus, MS 39701 (mailing address)	Red Sand	0	5
<b>WELL LOCATION:</b> sec. <u>17</u> T. <u>18</u> N R. <u>17</u> E <small>SW SE NW</small> <u>7</u> miles SW of Columbus <small>(distance) (direction) (nearest town)</small>	Red Clay	5	18
	Blue Clay	18	80
	Brown Clay	80	90
	Blue Clay	90	230
	Sandy Blue Clay	230	250
	Hard Rock	250	251
	Sand	251	275
	Shale Rock	275	278
	Sand	278	343
	Blue Clay	343	348
	Sand	348	480
	Clay	480	500
<b>WELL PURPOSE:</b> Home <small>(home, irrigation, municipal, industrial)</small>	CODE		
<b>WELL COMPLETION DATA:</b> (1) diameter (inches) <u>5" X 2"</u> (2) total depth (feet) <u>500'</u> (3) static water level (feet) <u>83'</u> below top of ground. (4) casing <u>Steel</u> , <u>200'</u> <small>(material) (depth)</small> <u>5"</u> <small>(size) if telescope see back.</small> (5) screen <u>40'</u> , <u>391'</u> <small>(length) (depth to top)</small> <u>2"</u> , <u>Stainless Steel</u> <small>(size) (material)</small> (6) pump <u>1 1/2</u> , <u>30</u> <small>(HP) (yield gpm)</small> <u>electric</u> <small>(type power)</small> (7) electric log <u>yes</u> <small>(yes or no)</small> <u>U.S.G.S.</u> <small>(organization running log)</small> (8) how well bottom plugged <u>Plug</u>	RECEIVED SEP 18 1978 MISS. BD. OF WATER COMM		
<b>DRILLERS REMARKS:</b>			





3700  
3699  
25'  
3698  
3697  
3696