

GW00491  
0450006-04

# TRANSMITTED FOR ADP

Recorded by WTO  
Date 10/85 3/86  
Agency USGS

U.S. GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  
MISSISSIPPI DISTRICT

Well No. N47  
E-Log No. 310  
County Madison

## WELL RECORD

CANTON Quad  
209D

Site Id 323719090020201 R=0\* T=A\* 2=W\* Data rellab. 3=C C U

Dist. 6=28 State 7=28 Co. 8=089 Lat. Long. 9=323719 10=0900202

Well No. 129 IN047 Location 13=SW 1/4 S 18 T 09 N R 03 E Alt. 16=240 238

Hyd. Unit (OMDC) 20=08060201 Date 21=1985/11/14 (YYYYMMDD)

Agency Use 803 Well Use 23=W Water Use 24=P Hole depth 27=2000 Well depth 28=995

WL 30=97 Date 31=1985/11/14 Source 33=D

Project No. 5=

MU

R=42\* T=A\* 254#1 Date 38=1985/11/14 Lift Type 43=T Intake 44=

Power Type 45=E H.P. 46=150

R=58\* T=A\* 723#1 Date 60=1985/11/14 Orig 63=064 Name Layne Central

Method 65=H Finish 66=G Remarks

R=76\* T=A\* 725#1 59#1 Top csng 77= 0 Bot. csng 78=935 Diam. 79=16

R=76\* T=A\* 725#2 59#1 Top csng 77= 851 Bot. csng 78=935 Diam. 79=10

R=82\* T=A\* 726#1 59#1 Top 83= 935 Bottom 84= 995 Type 85=S

Diam. 87=10 Size 88=

R=82\* T=A\* 726#2 59#1 Top 83= Bottom 84= Type 85=

87= 88=

R=90\* T=A\* 721#1 Top 91= 936 Bot 92= 1005 Unit Id 93= 124SPRT

R=90\* T=A\* 721#2 Top 91= Bot 92= Unit Id 93=

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= Hydraulic cond. (gal/d)/ft<sup>2</sup> 110= Storage coeff. Boundaries



MADISON  
 N 47  
 11-14-85

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

CODED

WATER WELL DRILLERS LOG

11-14-85 19 Layne Central Co. Madison  
 date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
<u>City of Canton</u>	<u>Yellow Clay</u>	<u>0'</u>	<u>5'</u>
<u>P.O. Box 114, Canton, MS</u>	<u>Blue Clay</u>	<u>5'</u>	<u>148'</u>
<u>39046</u>	<u>Sandy Clay</u>	<u>148'</u>	<u>198'</u>
(mailing address)	<u>Sand &amp; Clay streaks</u>	<u>198'</u>	<u>240'</u>
WELL LOCATION:	<u>Clay</u>	<u>240'</u>	<u>250'</u>
sec. <u>18</u> T. <u>9</u> N. R. <u>3</u> E	<u>Sand &amp; Shale streaks</u>	<u>250'</u>	<u>280'</u>
_____ miles of <u>Canton</u>	<u>Sandy Clay</u>	<u>280'</u>	<u>360'</u>
(distance) _____ (direction) _____ (nearest town)	<u>Sand &amp; Clay streaks</u>	<u>360'</u>	<u>443'</u>
WELL PURPOSE:	<u>Clay</u>	<u>443'</u>	<u>497'</u>
(home, irrigation, municipal, industrial)	<u>Shale &amp; Sand streaks</u>	<u>497'</u>	<u>600'</u>
WELL COMPLETION DATA:	<u>Shale &amp; Sand streaks</u>	<u>600'</u>	<u>700'</u>
(1) diameter (inches) <u>16"</u>	<u>Sand</u>	<u>700'</u>	<u>721'</u>
(2) total depth (feet) <u>1006'</u>	<u>Clay &amp; Sand streaks</u>	<u>721'</u>	<u>812'</u>
(3) static water level (feet) <u>87</u> below top of ground.	<u>Shale &amp; Lignite</u>	<u>812'</u>	<u>850'</u>
(4) casing <u>Steel</u> <u>935'</u> (material) (depth)	<u>Sandy Clay</u>	<u>850'</u>	<u>890'</u>
<u>16"</u> if telescope see back. (size) of <u>80'</u> or <u>10"</u>	<u>Rock</u>	<u>890'</u>	<u>892'</u>
(5) screen <u>60'</u> <u>935'</u> (length) (depth to top)	<u>Shale &amp; Fine Sand streaks</u>	<u>892'</u>	<u>936'</u>
<u>10"</u> <u>Stainless Steel</u> (size) (material)	<u>Sand</u>	<u>936'</u>	<u>975'</u>
(6) pump <u>150</u> <u>1100</u> (HP) (yield gpm)	<u>Sand &amp; Shale streaks</u>	<u>975'</u>	<u>1014'</u>
<u>electric</u> (type power)	<u>Shale</u>	<u>1014'</u>	<u>1030'</u>
(7) electric log <u>Yes</u> (yes or no)	<u>Sandy Clay</u>	<u>1030'</u>	<u>1146'</u>
<u>Layne - Central</u> (organization running log)	<u>Shale</u>	<u>1146'</u>	<u>1240'</u>
(8) how well bottom plugged _____	<u>Hard Shale</u>	<u>1240'</u>	<u>1330'</u>
DRILLERS REMARKS:	<u>Rock</u>	<u>1330'</u>	<u>1333'</u>
<u>MSGW-00491.</u>	<u>Dark Shale</u>	<u>1333'</u>	<u>1365'</u>
	<u>Sandy Clay</u>	<u>1365'</u>	<u>1372'</u>
	<u>Sand</u>	<u>1372'</u>	<u>1410'</u>
	<u>Sandy Clay</u>	<u>1410'</u>	<u>1423'</u>
	<u>Hard Shale</u>	<u>1423'</u>	<u>1440'</u>
	<u>Hard Clay &amp; Sand streaks</u>	<u>1440'</u>	<u>1460'</u>
	<u>Hard Shale &amp; Rock</u>	<u>1460'</u>	<u>1588'</u>
	<u>Sand</u>	<u>1588'</u>	<u>1614'</u>
	<u>Sand &amp; Shale streaks</u>	<u>1614'</u>	<u>1676'</u>
	<u>Shale &amp; Rock streaks</u>	<u>1676'</u>	<u>1710'</u>
	<u>Shale</u>	<u>1710'</u>	<u>1862'</u>
	<u>Hard Shale</u>	<u>1862'</u>	<u>1945'</u>
	<u>Hard Sand</u>	<u>1945'</u>	<u>1963'</u>
	<u>Shale</u>	<u>1963'</u>	<u>2000'</u>



DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): as 72t DATE: 9/12/94

UNIT DEQ #: 84090 FILE #: B091216D

HEALTH DEPT. #: 450006-14 ELEV. 250

N-46<sup>?</sup> USGS #: NA7 OLWR #: GW00491

N-47<sup>?</sup> OWNER: Canton Municipal Util QUAD: Canton

LOCATION: Handell St. S 18 T 9N R 3E COUNTY: Madison

LOCATION DESCRIPTION: in sm. fenced area

CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: turbo 150HP

GPS FIELD LOCATION: LAT. 32.37.128N LONG. 90.01.847W

GPS CORRECTED LOCATION: LAT. 32.61897795 LONG. 90.03051207

REMARKS: access from Cole Bros & Fox Company

Running

next door to Lacour Lumber Co.

7.5 MINUTE SERIES (TOPOGRAPHIC)

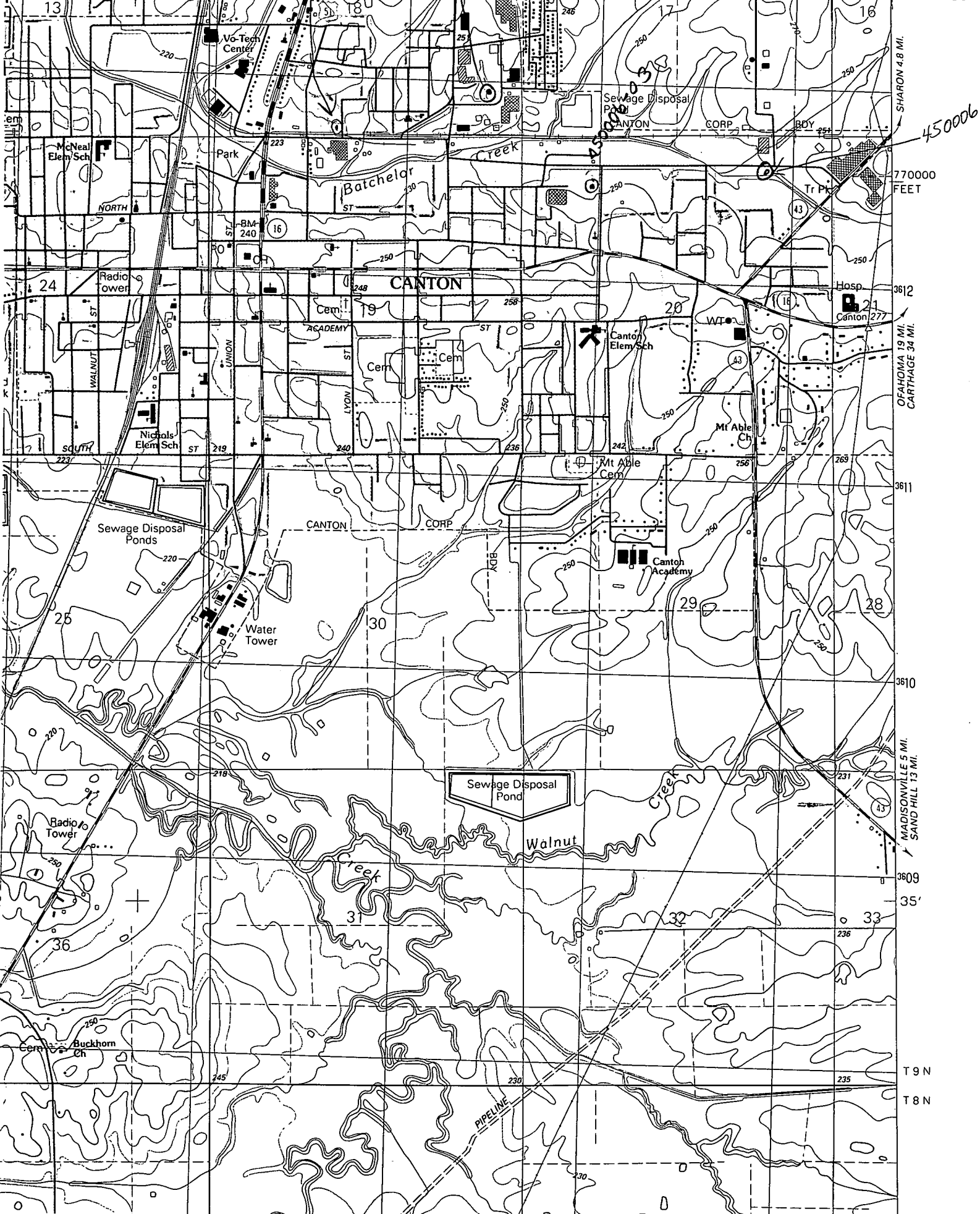
SE/4 CANTON 15' QUADRANGLE

3048 11.1 SHARON.

450006-04

WINONA 67 MI.  
SHARPSBURG 10 MI.

777 2' 30" R2 E R3 E 780 600000 FEET 781 90° 00' 32' 37' 30"



450006

770000 FEET

3612

3611

3610

3609

35'

T9 N

T8 N

MADISONVILLE 5 MI.

SAND HILL 13 MI.

OFAHOMA 19 MI.

CARTHAGE 34 MI.

SHARON 4.8 MI.

CANTON 4.8 MI.