

6/77 WFO

TRANSMITTED FOR ADP

Recorded by WFO

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

Well No. J16

Date 1/11/78

E-Log No. 87

WELL RECORD DEC 1979

County Grenada

Gore Springs
Quad

Site ID 5 R=0* T=A* 2=W*

GEN. SITE DATA

Data reliab. 3=2* Report. agency 4=USGS* Dist. 6=28* 7=28* Co. 8=043*

Lat. Long. 9=33 53 3* 10=089 37 3* Well No. 12=J016*

Location 13=N 24 22 N 06 E* Aic. 16=283* 278

Hyd. Unit (OWDC) 20= * Date 21=03/22/78*

Well use 23=U* Water use 24=P* Hole depth 27=670* Well depth 28=655*

WL 30=40* Date 31=08/15/1978* Source 33=D*

Status 273= * Project No. 5= *

OWNER

R=158* T=A* Date 159# 08/15/1978* Owner No.

Owner 161=GRENADA Cp. W.A. City of Grenada

FIELD LOG

R=192* T=A* Date 193# 07/11/1978* Temp. 196#00010* 197= *

R=192* T=A* Date 193# 07/11/1978* Cond. 196#00095* 197=220*

R=192* T=A* Date 193# 07/11/1978* pH 196#00400* 197= *

WATER

R=58* T=A* 59#1* Date 60=08/15/1978* Remarks

D=1g. 63=0.2* Name Rothoff Method 65=H* Finish 66=F*

R=76* T=A* 59#1*

Top csng. 77# 0* Bot. csng. 78=570* Diam. 79# 1.0*

R=76* T=A* 59#1* top of lap

Top csng. 77# 510* Bot. csng. 78=575* Diam. 79# 4*

R=76* T=A* 59#1* 77# 595* 78=625* 79# 4*

R=82* T=A* 59#1* Top 83# 575* Bottom 84=595*

Type 85=S* Diam. 87=4* Size 88= *

R=82* T=A* 59#1* Top 83# 625* Bottom 84=655*

Type 85= * Diam. 87= * Size 88= *

YIELD

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

134 flows 146 pumped

LIFT

R=42* T= A * Lift type 43# T * Intake 44= * Power type 45= E *

Date 38= 08/15/1978 * H.P. 46= 30. *

LOGS

R=198* T= A * Log 199# * Top 200= * Bot 201= *

R=198* T= A * Log 199# E * Top 200= 28. * Bot 201= *

R=189* T= A * E Log No. 190# 087 * 191= M I S S D I S T *

ANAL.

R=114* T= A * Year 115# 1978 * Type 120= G *

AQUIFERS

R=90* T= A * 256# 1 * Top 91= 570. * Bot 92= 660. *

Unit ID 93= 124WLCXL * 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# *

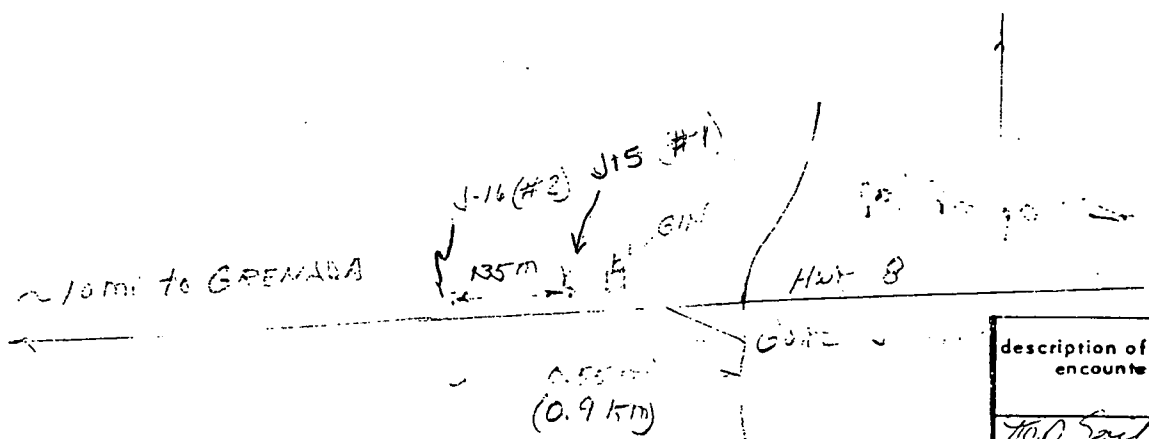
107= * Transmissivity (gal/d)/ft _____

108= * Hydraul. cond. (gal/d)/ft² _____

110= * Storage coeff. Boundaries _____

R=121* T= * Yr Begin 122# *

Level data collection (1)



description of formations encountered	from	to
700 Sand & Clay	0	50
Sandy Shale	50	160
Sand	160	195
Clay	185	250
Sandy Shale	230	290
Clay	280	325
Sand	325	450
Clay	450	490
Sandy Shale	480	575
Sand	575	670

CODEN

Lorenada
J16
8/78
E Log #87

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

CODED

WATER WELL DRILLERS LOG
 Robert E. Rattillo, Inc. Lorenada
 date well completed firm name county well located

LANDOWNER: Gore Springs
Water Assoc. Well # 2
 (mailing address)

WELL LOCATION:
 sec. 24 T. 22 N. R. 6 E.
1 miles West of Gore Springs
 (distance) (direction) (nearest town)

WELL PURPOSE: Municipal
 (home, irrigation, municipal, industrial)

- WELL COMPLETION DATA:
- (1) diameter (inches) 10 x 4
 - (2) total depth (feet) 660
 - (3) static water level (feet) 40 below top of ground.
 - (4) casing Steel 570
 (material) (depth)
10 If telescope see back.
 (size)
 - (5) screen 50 575
 (length) (depth to top)
4" SS
 (size) (material)
 - (6) pump 25 150
 (HP) (yield gpm)
electric
 (type power)
 - (7) electric log yes
 (yes or no)
State
 (organization running log)
 - (8) how well bottom plugged BPU

description of formations encountered	from	to
<u>Top Soil & Clay</u>	<u>0</u>	<u>30</u>
<u>Sandy Shale</u>	<u>30</u>	<u>160</u>
<u>Sand</u>	<u>160</u>	<u>195</u>
<u>Clay</u>	<u>185</u>	<u>230</u>
<u>Sandy Shale</u>	<u>230</u>	<u>280</u>
<u>Clay</u>	<u>280</u>	<u>325</u>
<u>Sand</u>	<u>325</u>	<u>450</u>
<u>Clay</u>	<u>450</u>	<u>480</u>
<u>Sandy Shale</u>	<u>480</u>	<u>575</u>
<u>Sand</u>	<u>575</u>	<u>670</u>

CODED

Miss. Board of Water Comm.

SEP 13 1979

RECEIVED

DRILLERS REMARKS:

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

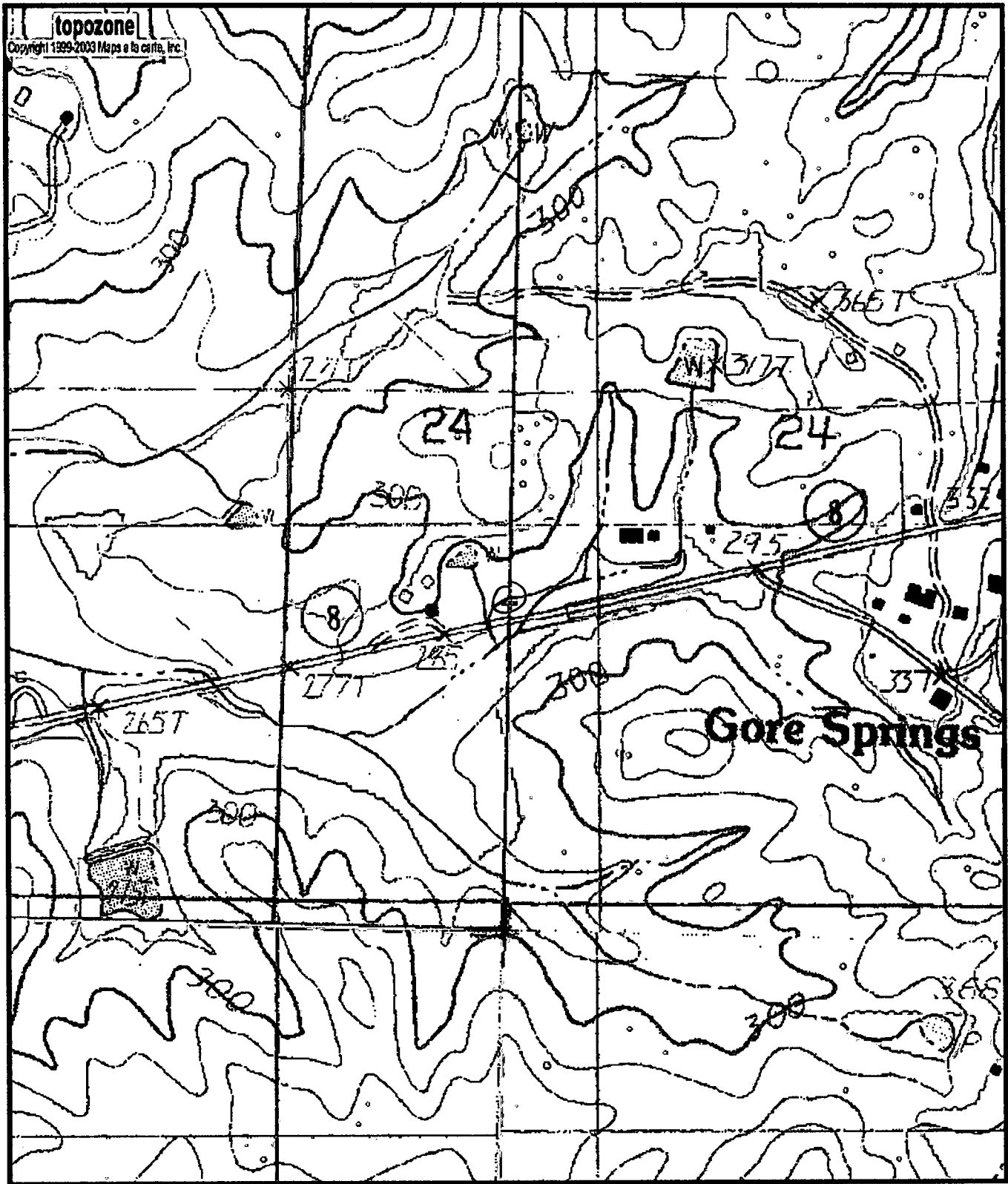
USER NAME(S): Phillips/Hardin DATE: 10/22/97
UNIT DEQ #: _____ FILE #: B102218B
HEALTH DEPT. #: 220062-01 ELEV. 278
USGS #: J16 OLWR #: 61005577
OWNER: Gore Springs
Grenada Water/Sewer QUAD: Gore Springs
LOCATION: NE/SW S 24 T22N R 6E COUNTY: Grenada
LOCATION DESCRIPTION: On north side of Hwy 8 0.5 mi. from
Gore Springs int. in front of cotton gin
CASING DIA: _____ PUMP TYPE & SIZE: Turbine, 25 HP
GPS FIELD LOCATION: LAT. 33° 45' 18.8"N LONG. 89° 37' 29.8"W
GPS CORRECTED LOCATION: LAT. 33.755046 LONG. 89.625121
REMARKS: Measured @ 20' north of well
West well



33° 45' 37" 30"
69° 37' 30"
220062.02

1720 000 FEET (WEST) 59

360



0220062-01
GW05577

0 0.1 0.2 0.3 0.4 0.5 km
 0 0.09 0.18 0.27 0.36 0.45 mi

Map center is 33° 45' 18"N, 89° 37' 30"W (WGS84/NAD83)
Kincaid quadrangle
 Projection is UTM Zone 16 NAD83 Datum

M=-0.157
 G=-1.46