

6/78 WTO

TRANSMITTED FOR ADP

Recorded by

WTO

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

5/80

Well No.

X31

Date

5/10/79

E-Log No.

94

County

Holmes

Site ID

325818089542701

R=0*

T=A*

2=W*

Data reliab.

3=C*

Report. agency

4=USGS*

Dist.

6=28*

7=28*

Co.

8=0.51*

Lat.

Long./

9=325818*

10=0895427*

Well No.

12=X031*

Location

13=NE SW S 17 T 13 N R 04 E*

Alt.

16=290.*

Hyd. Unit (OWDC)

20=

Date

21=04/25/1979*

Well use

23=W*

Water Use

24=P*

Hole depth

27=1075.*

Well depth

28=1040.*

WL

30=54.*

Date

31=11/01/1979*

Source

33=D*

Status

273=

Project No.

5=

R=158*

T=A*

Date

159# 11/01/1979*

Owner No.

Owner

161=SOO DMAN

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=

R=58*

T=A*

59# 1*

Date

60=11/01/1979*

Remarks

S

Drig.

63=001*

Name

Life Well & Sup.

Method

65=H*

Finish

66=

R=76*

T=A*

59# 1*

Top csng.

77# 0.*

Bot. csng.

78=970.*

Diam.

79# 10.*

R=76*

T=A*

59# 1*

63' Lop

Top csng

77# 910.*

Bot. csng.

78=980.*

Diam.

79# 6.*

R=82*

T=A*

59# 1*

Top

83# 980.*

Bottom

84=1040.*

Type

85=S*

Diam.

87=6.*

Size

88=.012*

R=82*

T=A*

59# 1*

Top

83#

Bottom

84=

Type

85=

Diam.

87=

Size

88=

R=

146*

T=A*

147# 1*

Q

50=350.*

Q/S

272=

134 flows 146 pumped

GEN. SITE DATA

OWNER

FIELD LOG

CONSTR.

CASING

OPENINGS

YIELD

LIFT.

R=42* T= A * Lift type 43# J* Intake 44= 142.* Power type 45= E*

Date 38= 11/01/1979* H.P. 46= 30.*

LOGS

R=198* T= A * Log 199# D* Top 200= 0.* Bot 201= 1075.*

R=198* T= A * Log 199# E* Top 200= 10.* Bot 201= 1072.*

R=189* T= A * E Log No. 190# 094* 191= M I S S D I S T *

ANAL.

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

AQUIFERS

R=90* T= A * 256# 1 * Top 91= 970.* Bot 92= 1075.*

Unit ID 93= 124 M U W X * 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# * Network 258= *

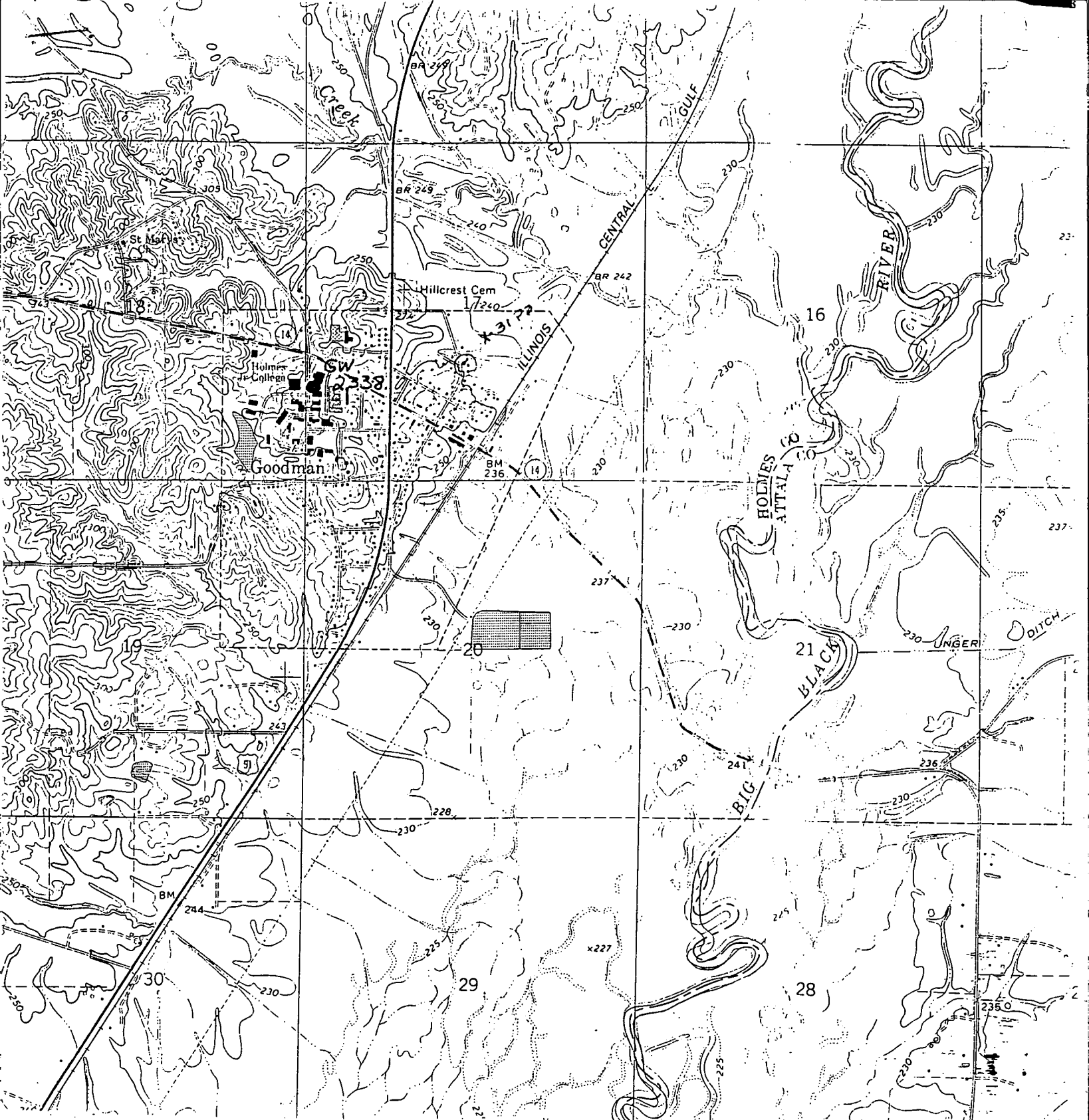
Water Level Data Collection (1)

12/5/88
WL= 59.40

41' dd e 285gpm (3 hrs)
6.95gpm/ft.

| description of formations encountered | from | to |
|---------------------------------------|------|------|
| Red clay & sand | 0 | 33 |
| Sand, gumbo, lignite | 33 | 94 |
| Sand with clay bands | 94 | 127 |
| Sand gumbo, lignite | 127 | 159 |
| Grey brittle clay | 159 | 191 |
| Sand | 191 | 285 |
| Sand & gumbo, lignite | 285 | 317 |
| Sand with lignite | 317 | 468 |
| Hard shale | 468 | 595 |
| Hard & sandy shale | 595 | 620 |
| Fine green sand | 620 | 627 |
| Shale with sand len | 627 | 659 |
| Hard mixed shales | 659 | 722 |
| Fine blue sand | 722 | 732 |
| Hard shale & rocks | 732 | 880 |
| Shale and sand lens | 880 | 900 |
| Sand with clay band | 900 | 913 |
| Sand | 913 | 955 |
| Soft Gumbo | 955 | 970 |
| Sand | 970 | 1075 |

x31



| | | |
|---------------------|-----|------|
| Hard shale | 468 | 595 |
| Hard & sandy shale | 595 | 620 |
| Fine green sand | 620 | 627 |
| Shale with sand len | 627 | 659 |
| Hard mixed shales | 659 | 722 |
| Fine blue sand | 722 | 732 |
| Hard shale & rocks | 732 | 890 |
| Shale and sand lens | 890 | 900 |
| Sand with clay band | 900 | 913 |
| Sand | 913 | 955 |
| Soft Gumbo | 955 | 970 |
| Sand | 970 | 1075 |

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