

6/78 WFO

DOH 250007-02

061

Recorded by V. [unclear]

U.S. GEOLOGICAL SURVEY

Well No. S 38

Date 2-2-81 GW-1594

WATER RESOURCES DIVISION

E-Log No. 701

MISSISSIPPI DISTRICT

WELL RECORD

247A  
Cayuga  
TRANSMITTED FOR ADP

ADPty H=nds

Cayuga Quad

Site ID 28 5 19  
3 2 1 2 3 4 0 9 0 3 9 3 2 0 1 R=0\* T=A\* 2=W\*

Data reliab. 3=U\* Report. agency 4=USGS\* Dist. 6=28\* 7=28\* Co. 8=0,4,9\*

GEN. SITE DATA

Lat. Long. 9=3,2,1,2,3,7\* 10=0,9,0,3,9,3,2\* Well No. 12=1,5,0,3,8\*

Location 13=SE 1/4 S 10 T 14 N R 0.5 E\* Alt. 16=220.\* 222

Hyd. Unit (OWDC) 20= Date 21=0,1,1,1,6,1,1,9,8,1\*

Well use 23=W\* Water Use 24=H\* Hole depth 27=140.5.\* Well depth 28=1198.\*

WL 30=1,1,9.\* Date 31=0,1,1,1,6,1,1,9,8,1\* Source 33=D\*

Status 273= Project No. 5=

~~CAN NOT FIND~~  
Cayuga Quad.

OWNER

R=158\* T=A\* Date 159#0,1,1,1,6,1,1,9,8,1\* Owner No. 1-22-02

Owner 16#HUBBARD, W A

CCKF

FIELD QW

R=192\* T=A\* Date 193#0,9,1,2,4,1,1,9,8,1\* Temp. 196#00010\* 197=3,0,0\*

R=192\* T=A\* Date 193# Cond. 196#00095\* 197=

R=192\* T=A\* Date 193#0,9,1,2,4,1,1,9,8,1\* pH 196#00400\* 197=3,0,6\*

CONSTR.

K=58\* T=A\* 59#1\* Date 60=0,1,1,1,6,1,1,9,8,1\* Remarks

Drlg. 63=0,6,4\* Name Layne Method 65=H\* Finish 66=S\*

CASING

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

Top csgn. 77#0.\* Bot. csgn. 78=1,1,7.\* Diam. 79#8.\*

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

Top csgn 77#1,1,7.\* Bot. csgn. 78=1,1,6.\* Diam. 79#6.\*

1116 1157 4

OPENINGS

R=82\* T=A\* 59#1\* Top 83#1,1,5,7.\* Bottom 84=1,1,9,8.\*

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

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

Type 85= Diam. 87= Size 88=

6/9/94 PAP/LJE

YIELD

R=146\* T=A\* 147#1\* Q 150=1,5,0.\* Q/S 272=

134 flows 146 pumped

LIFT

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

Date 38= 10/11/61/1981 \* H.P. 46= 20. \*

LOGS

R=198\* T= A \* Log 199# D \* Top 200= 12. \* Bot 201= 140.5. \*

R=198\* T= A \* Log 199# E \* Top 200= 78. \* Bot 201= 140.0. \*

R=189\* T= A \* E Log No. 190# \* 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= \* Bot 92= \*

Unit ID 93= 124.C.P.K.F. \* Name of Unit Cockfield

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

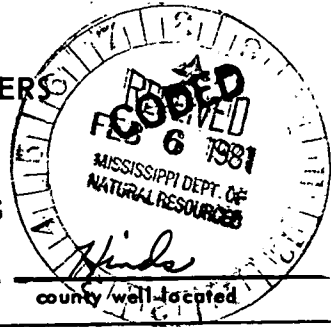
Water Level Data Collection (1)

description of formations encountered	from	to
Red sandy clay	0'	20'
White clay	20'	50'
Hard shale & Rock str.	50'	92'
Clay & sandstone	92'	140'
Clay & sandstone	140'	160'
Clay	160'	210'
Rock	210'	214'
Clay	214'	218'
Hard shale	218'	264'
Sand & shale	264'	282'
Hard clay & sand shale	282'	327'
Clay	327'	425'
Sand clay	425'	886'
Clay & sand shale	886'	998'
Sand clay	998'	1050'
Sand clay & shale	1050'	1087'
Clay	1087'	1091'
Sand clay & shale	1091'	1158'
Clay & sand shale	1158'	1216'
Sand	1216'	1241'
Sand clay	1241'	1282'
Sand	1282'	1304'
Clay & sand shale	1304'	1358'
Sand	1358'	1402'
Clay	1402'	1405'

061

HINDS  
~~1-16-81~~  
1-16-81  
Law 01594

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



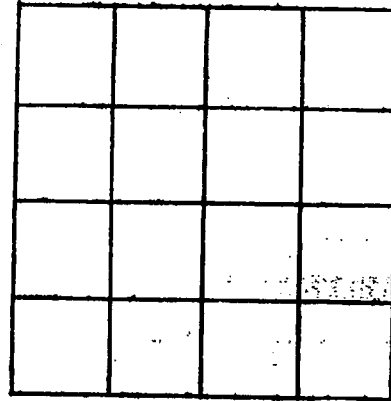
WATER WELL DRILLERS LOG

date well completed 01-16-1981 firm name Layne-Central Company county well located Hinds

LANDOWNER:	description of formations encountered	from	to
Hubbard Water Association	Red sandy clay	0'	20'
Utica, Miss. (mailing address)	white clay	20'	50'
WELL LOCATION:	Hard shale & Rock str.	50'	92'
sec. <u>1</u> T <u>14</u> N R <u>5</u> E S W	Clay & lime streaks	92'	140'
(distance) miles _____ of _____ (direction) (nearest town)	Clay & lignite	140'	160'
WELL PURPOSE: <u>Domestic</u> (home, irrigation, municipal, industrial)	Clay	160'	210'
WELL COMPLETION DATA:	Rock	210'	214'
(1) diameter (inches) <u>8"</u>	Clay	214'	218'
(2) total depth (feet) <u>1308'</u>	Hard lime	218'	264'
(3) static water level (feet) <u>119'</u> below above top of ground.	sand & shale streaks	264'	282'
(4) casing <u>Steel</u> <u>117'</u> (material) (depth)	Hard clay & sand str.	282'	327'
<u>8"</u> if telescope see back. (size) + <u>63' 8"</u> of <u>4"</u>	Clay	327'	425'
(5) screen <u>40' 6"</u> <u>1157' 9"</u> (length) (depth to top)	Sandy clay	425'	886'
<u>4"</u> <u>Standard Steel</u> (size) (material)	Clay & sand streaks	886'	998'
(6) pump <u>20</u> <u>150 GPM</u> (HP) (yield gpm)	Sand clay	998'	1050'
<u>Electric</u> (type power)	sand, clay & lignite	1050'	1087'
(7) electric log <u>yes</u> (yes or no)	Clay	1087'	1091'
<u>Layne-Central Company</u> (organization running log)	Sandy clay & lignite str.	1091'	1158'
(8) how well bottom plugged <u>Valve</u>	Clay & sand streaks	1158'	1216'
DRILLERS REMARKS: <u>Installed</u>	Sand	1216'	1241'
<u>40' blank between screens.</u>	Sandy clay	1241'	1282'
	Sand	1282'	1304'
	Clay & sand streaks	1304'	1358'
	Sand	1358'	1402'
	Clay	1402'	1405'

If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen, show locations of each on sketch.