

GW13981

Booneville

Recorded by USTO
Date 8/28/79

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

Well No. F 58
E-Log No. Ref Log #73
County Prentiss

DEC 1979

590002-03

Site ID 344039088331003 R=0* T=A* 2=W*

Data reliab. 3-U* Report. agency 4-USGS* Dist. 6=28* 7=28* Co. 8=117*

Lat. 9=344039* 10=0883310* Well No. 12=F058*

Location 13=NE NW S 03 T 05 R 07 E* Alt. 16=500.*

Hyd. Unit (OWDC) 20= Date 21=06/23/1978*

Well use 23=W* Water Use 24=P* Hole depth 27=531.* Well depth 28=527.*

WL 30=184.* Date 31=06/23/1978* Source 33=D*

Status 273= Project No. 5=

R=158* T=A* Date 159#06/23/1978* Owner No. New Well Layne

Owner 161=BOONEVILLE #2

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=06/23/1979* Remarks

Drlg. 63=064* Name Layne Method 65=H* Finish 66=S*

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

Top csgn. 77#0.* Bot. csgn. 78=461.* Diam. 79#1.8.*

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

Top csgn. 77#410.* Bot. csgn. 78=467.* Diam. 79#1.2.*

R=82* T=A* 59#1* Top 83#467.* Bottom 84=527.*

Type 85=S* Diam. 87=1.2.* Size 88=

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

Type 85= Diam. 87= Size 88=

R=146* T=A* 147#1* Q 150=1000.* Q/S 272=

134 flows 146 pumped

GEN. SITE DATA

OWNER

FIELD ON

CONSTR.

CASING

OPENINGS

YIELD

R-42* T- A * Life type 43# T* Intake 44- * Power type 45- E*
 Date 38-06/23/1978* H.P. 46- 50. *

LOGS
 R-198* T- A * Log 199# D* Top 200- * Bot 201- 531. *
 R-198* T- A * Log 199# * Top 200- * Bot 201- *
 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# 462. * Bot 92# 529. *
 Unit ID 93- 2115PRD * 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- A * 122# * Network 258- *

Water Level Data Collection (1)

Description of formations encountered	From	To
Clay	0	17
Blue Clay	18	23
Rock	24	25
Sandy Clay	26	30
Sand	31	56
Sand w/Clay stks.	57	68
Clay w/Sandy Stks.	69	85
Tough Clay & Rock Stks.	86	108
Rock	109	110
Sandy Clay & Rock	111	130
Fine Sand, Clay & Rock	131	186
Hard Clay & Sandy Clay	187	221
Fine Sand & Clay Stks.	222	261
Clay	262	266
Sandy Shale	267	316
Rock	317	318
Sandy Clay	319	337
Rock	338	339
Hard Sandy Clay	340	372
Sandy Shale	373	461
Sand & Gravel	462	502
Rock	503	504
Sand & Gravel	504	506
Rock & Gravel	507	518
Sand & Gravel	519	529
Rock	530	531

PRENTISS
 F 58
 6-23-78
 Ref Elev # 73

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

CODED

6 - 23 1978 Layne Central Company Prentiss
 date well completed firm name county well located

LANDOWNER: City of Booneville
 34903908331003
 (mailing address)

WELL LOCATION:
 sec. 3-T 5 N R 7 E
 NE 1/4, NW 1/4
 (distance) miles (direction) of (nearest town)

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

- WELL COMPLETION DATA:
- (1) diameter (inches) 20"
 - (2) total depth (feet) 533'
 - (3) static water level (feet) 184' below top of ground.
 - (4) casing Steel 461' (material) (depth)
 18" if telescope see back. (size)
 - (5) screen 60' 527' (length) (depth to top)
 12" Stainless Steel (size) (material)
 - (6) pump 150 (HP) 1000 (yield gpm)
 Elec. (type power)
 - (7) electric log well 9/30/76
 (yes or no)
 - (8) how well bottom plugged Cement
 (organization running log)

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Rock	530	531

DRILLERS REMARKS:
 elev. 500'

Miss. Board of Water Comm
 AUG 27 1979
 RECEIVED

BOONEVILLE QUAD

