

Recorded by JM
Date 9/18/84

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

TRANSMITTED FOR ADP F61
E-Log No. 83
County Prentiss

Site ID 3.4.4.0.4.5.0.8.8.3.2.5.5.0.1 R=0* T=A* 2=W*

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

Long. 9=3.4.4.0.4.5* 10=0.8.8.3.2.55* Well No. 12=F061*

Location 13=SWNE S.03 T.055 R.07E* Alt. 16=517* 510' (11/89)

Hyd. Unit (OWDC) 20= Date 21=09/10/1984*

Well use 23=0* Water Use 24=U* Hole depth 27=544* Well depth 28=503*

WL 30=193* Date 31=08/29/1984* Source 33=D*

Status 273= Project No. 5=00200*

R=158* T=A* Date 159#08/29/1984* Owner No. TH#2

Owner 161#BOONEVILLE LEASE

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#08/29/1984* Remarks

Drig. 63=064* Name Layne-Central Method 65=H* Finish 66=S*

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

Top csng. 77#0* Bot. csng. 78=442* Diam. 79#6*

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

Top csng. 77# Bot. csng. 78= Diam. 79#

R=82* T=A* 59#1* Top 83#442* Bottom 84=503*

Type 85=S* Diam. 87=6* Size 88=

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

Type 85= Diam. 87= Size 88=

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

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

LIFT Date 38= / / * H.P. 46= * *

R=198* T= A * Log 199# D * Top 200= 0. * Bot 201= 5.44. *

R=198* T= A * Log 199# E * Top 200= 10. * Bot 201= 530. *

R=189* T= A * E Log No. 190# 0.83 * 191= M I S S D I S T *

LOGS

ANAL. R=114* T= A * Year 115# * 117= * 120= *

R=90* T= A * 256# 1 * Top 91= 4.46. * Bot 92= *

AQUIFERS Unit ID 93= Z.I.G.O.R.D. * Name of Unit ♀ Eutw (Almost 1/2 + 1/2)

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

Unit ID 93= * Name of Unit

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

HYDRAULICS

R=121* T= * Begin 122# * Network 258# *

Water Level Data Collection (1)

description of formations encountered	from	to
Clay	0	13
Clay & Sandy stks.	13	29
Sand & Clay	29	65
Clay	65	78
Tough Clay	78	92
Rock	92	93
Tough Clay	93	111
Sand & Clay	111	124
Clay	124	142
Sand, Shale & Lignite	142	159
Sandy Shale	159	207
Rock	207	208
Hard Shale	208	220
Tough Clay & Rock stks.	220	294
Hard Sandy Shale & Rock stks.	294	373
Soft Sandy Shale	373	394
Shale	394	399
Sandy Shale & Hard stks.	399	446
Gravel & Shale	446	453
Sand, Gravel & little Clay stks.	453	466
Gravel, Clay & Rock stks	466	480
Clay & Gravel	480	486
Clay	486	493
Gravel & Rock stks.	493	515
Hard Gravel (very hard)	515	531
Hard Rock & Soft stks.	531	544

Prentiss
 F61
 8/29/84

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES
 Bureau of Land and Water Resources
 Southport Mall
 P.O. Box 10631
 Jackson, Mississippi 39209
 WATER WELL DRILLERS LOG

COPIED

8/29 1984 Layne-Central Company Prentiss
 date well completed firm name county well located

LANDOWNER: City of Booneville	description of formations encountered	from	to
Booneville, Mississippi	Clay	0	13
(mailing address)	Clay & Sandy stks.	13	29
	Sand & Clay	29	65
	Clay	65	78
WELL LOCATION:	Tough Clay	78	92
sec. 3 T. 5 N. R. 7 E.	Rock	92	93
S S W	Tough Clay	93	111
(distance) miles (direction) of (nearest town)	Sand & Clay	111	124
WELL PURPOSE: observation	Clay	124	142
(home, irrigation, municipal, industrial)	Sand, Shale & Lignite	142	159
WELL COMPLETION DATA:	Sandy Shale	159	207
(1) diameter (inches) 6"	Rock	207	208
(2) total depth (feet) 503'	Hard Shale	208	220
(3) static water level (feet) 193' below top of ground.	Tough Clay & Rock stks.	220	294
(4) casing plastic, 442' (material) (depth)	Hard Sandy Shale & Rock stks.	294	373
6" (size) if telescope see back.	Soft Sandy Shale	373	394
(5) screen 61' (length), 503' 442' (depth to top)	Shale	394	399
6" (size) plastic (material)	Sandy Shale & Hard stks.	399	446
(6) pump none (HP) (yield gpm)	Gravel & Shale	446	453
(type power)	Sand, Gravel & little Clay stks.	453	466
(7) electric log yes (yes or no)	Gravel, Clay & Rock stks	466	480
MS. Bureau of Geology (organization running log)	Clay & Gravel	480	486
(8) how well bottom plugged	Clay	486	493
	Gravel & Rock stks.	493	515
	Hard Gravel (very hard)	515	531
	Hard Rock & Soft stks.	531	544
DRILLERS REMARKS:			

DEPT. OF NATURAL RESOURCES
 BUREAU OF LAND & WATER RESOURCES

SEP 21 1984
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BOONEVILLE QUAD

