

GW 18982

Booneville
590004-04

RECORDED WITH ADP

Recorded by WTO
Date 12/13/84

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

Well No. F62
E-Log No. _____
County Prentiss

Booneville Quad-20'

Site ID 344044088330701 R=0* T=A* 2=W*

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

Lat. _____ Long. 9=344044* 10=0883307* Well No. 12=F062*

Location 13=SW/SW N W N E S 0 3 T 0 5 S R 0 7 E * Alt. 16=517* 510' (11/89)

Hyd. Unit (OWDC) 20=08010207* Date 21=09/06/1984*

Well use 23=W* Water Use 24=P* Hole depth 27=530* Well depth 28=513*

WL 30=198* Date 31=09/28/1984* Source 33=D*

Status 273=* Project No. 5= (3)

WL=204.08 5/11/88

R=158* T=A* Date 159#09/28/1984* Owner No. #6 @ Ind. PK.

Owner 161#BOONEVILLE*

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=09/28/1984* Remarks _____

Drig. 63=064* Name Layne Method 65=H* Finish 66=G*

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

Top csg. 77#0.* Bot. csg. 78=448.* Diam. 79#1.8.*

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

Top csg. 77#387.* Bot. csg. 78=453.* Diam. 79#1.2.*

R=82* T=A* 59#1* Top 83#453.* Bottom 84=513.*

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=1030.* Q/S 272=

134 flows 146 pumped

GEN. SITE DATA

OWNER

FIELD QW

CONSTR.

CASING

OPENINGS

YIELD

LIFT

R=42* T= A * Lift type 43# T* Intake 44= 268.* Power type 45= E*

Date 38= 09/28/1984* H.P. 46= 150.*

LOGS

R=198* T= A * Log 199# D* Top 200= 0.* Bot 201= 526.*

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

R=189* T= A * E Log No. 190# 084* 191= M I S S D I S T *

ANAL.

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

AQUIFERS

R=90* T= A * 256# 1* Top 91= 449.* Bot 92=

Unit ID 93= 211 GORD * Name of Unit & Eutw

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)

Well in Industrial Park hrs. dd 13'

15.80 gpm/ft.

10/21/92
220.00
 .75

219.25
 2.5 m p

216.75

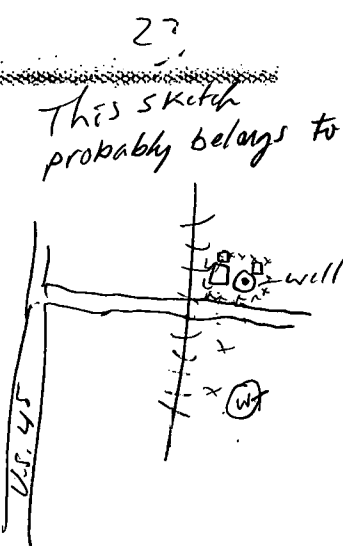
Description of formations encountered	from		to
	0	22	
Clay	0	22	
Sand & Clay stks.	22	68	
Hard Blue Clay	68	129	
Sand, Clay & Lignite	129	150	
Clay & Sand stks.	150	159	
Sand, Clay & Lignite	159	180	
Sandy Clay	180	200	
Hard Clay	200	216	
Rock	216	217	
Tough Sandy Clay	217	245	
Sandy Shale	245	262	
Clay & Rock stks.	262	275	
Hard Shale	275	350	
Rock	350	351	
Sandy Shale	351	363	
Sandy Shale & Sand stks.	363	382	
Hard Sandy Shale	382	449	
Sand, Gravel & ltl. Clay stks.	449	472	
Rock & Clay	472	475	
Sand, Gravel, Rock stks. & little Clay stks.	475	493	
Clay & Rock stks.	493	497	
Gravel, Hard Rock stks & little Clay stks.	497	515	
Rock	515	516	
Gravel, Hard Rock stks. & little Clay stks.	516	520	
Hard Rock & Soft stks.	520	523	
Hard Rock	523	526	

PRENTISS
 F62
 9-28-84

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

9/28 1984 Layne-Central Co. Prentiss
 date well completed firm name county well located

LANDOWNER: City of	description of formations encountered	from	to	
Booneville, c/o City Hall				Clay
Booneville, MS 38829 (mailing address)	Sand & Clay stks.	22	68	
WELL LOCATION: sec. 3 T. 5 XX R. 7 E XX NW 1/4 NE 1/4 S (distance) miles (direction) of (nearest town)	Hard Blue Clay	68	129	
	Sand, Clay & Lignite	129	150	
	Clay & Sand stks.	150	159	
	Sand, Clay & Lignite	159	180	
	Sandy Clay	180	200	
	Hard Clay	200	216	
	Rock	216	217	
	Tough Sandy Clay	217	245	
	Sandy Shale	245	262	
	Clay & Rock stks.	262	275	
WELL PURPOSE: <u>municipal</u> (home, irrigation, municipal, industrial)	Hard Shale	275	350	
	Rock	350	351	
	Sandy Shale	351	363	
	Sandy Shale & Sand stks.	363	382	
	Hard Sandy Shale	382	449	
	Sand, Gravel & ltl. Clay stks.	449	472	
	Rock & Clay	472	475	
	Sand, Grave. Rock stks. & little Clay stks.	475	493	
	Clay & Rock stks.	493	497	
	Gravel, Hard Rock stks & little Clay stks.	497	515	
WELL COMPLETION DATA: (1) diameter (inches) <u>18"</u> (2) total depth (feet) <u>518'</u> (3) static water level (feet) <u>198'</u> below top of ground. (4) casing <u>steel</u> <u>448'</u> (material) (depth) <u>18"</u> (size) if telescope see back. (5) screen <u>60'</u> <u>513' 453</u> (length) (depth to top) <u>12"</u> (size) <u>stainless steel</u> (material) (6) pump <u>150</u> (HP) (yield gpm) <u>elec.</u> (type power) (7) electric log <u>yes</u> (yes or no) <u>Miss. Bureau of Geology</u> (organization running log) (8) how well bottom plugged <u>cement</u>	Rock	515	516	
	Gravel, Hard Rock stks. & little Clay stks.	516	520	
	Hard Rock & Soft stks.	520	523	
	Hard Rock	523	526	
DRILLERS REMARKS:				



DEPT. OF NATURAL RESOURCES
 BUREAU OF LAND & WATER RESOURCES
 3
 513/453
 45
 DEC 10 1984
RECEIVED

