

TRANSMITTED FOR ADP

249-B, 8/1/96

1/81 WTC

Recorded by NS

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

Well No. K179

Date 7/12/84

E-Log No. 553

GW14504 0610089-01

County Rankin

Site ID 3,2,1,3,5,1,0,9,0,0,3,2,6,0,1 R=0* T=A,1* 2=W* 249B whitfield Quad

GEN. SITE DATA

Data reliab. 3=U* Report. agency 4=USGS* Dist. 6=28* 7=28* Co. 8=1,2,1*

Lat. 9=3,2,1,3,5,1* 10=0,9,0,0,3,2,6* Well No. 12=K,1,7,9*

Location 13=NESE'S 3,5 T OSN R 0,2 E* Alt. 16=3,1,6.* 313

Hyd. Unit (OWDC) 20=0,3,1,8,0,0,0,2* Date 21=0,7,1,0,6,1,1,9,8,4.*

Well use 23=W* Water Use 24=* Hole depth 27=10,4.* Well depth 28=8,1,8.*

WL 30=1,7,6.* Date 31=0,9,1,1,8,1,1,9,8,4.* Source 33=D*

Status 273=* Project No. 5=*

OWNER

R=158* T=A* Date 159# 0,9,1,1,8,1,1,9,8,4.* Owner No. Well#1

Owner 161# RANKIN CO. PRISON
MS Dept. of Corrections

FIELD OW

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=*

CONSTR.

R=58* T=A* 59# 1* Date 60=0,9,1,1,8,1,1,9,8,5.* Remarks

Drig. 63=0,6,4.* Name Hayne Method 65=H* Finish 66=C*

CASING

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

Top csgn. 77# 0.* Bot. csgn. 78=7,3,6.* Diam. 79# 1,6.*

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

Top csgn. 77# 6,9,5.* Bot. csgn. 78=7,6,8.* Diam. 79# 8.*

OPENINGS

R=82* T=A* 59# 1* Top 83# 7,6,8.* Bottom 84=8,1,8.*

Type 85=S* Diam. 87=8.* Size 88=*

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

Type 85= Diam. 87= Size 88=

CKF

YIELD

R= 146* T=A* 147# 1* 150=5,0,0.* Q/S 272=8,6.*

134 flows 146 pumped

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

LIFT Date 38= 09/18/1984* H.P. 46= 100.*

R=198* T= A * Log 199# E* Top 200= 20.* Bot 201= 1,006.*

R=198* T= A * Log 199# D* Top 200= 0.* Bot 201= 1,014.*

R=189* T= A * E Log No. 190# 553* 191= M I S S D I S T *

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

R=90* T= A * 256# 1 * Top 91= 745.* Bot 92= 820.*

Unit ID 93= 124CCKFV* Name of Unit

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

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

Water Level Data Collection (1)

59' dd @ 510pm

pH=8.1

Fe = .1 ?

Color = 25

Yellow Clay	0	6
Red-Clay-Rock Streaks	6	20
Gray Clay Sandy Streaks	20	50
Gray Clay	50	125
Blue Clay	125	524
Blue Clay-Sandy	524	554
Sandy Clay-Blue Brwn	554	584
Soft Brown-Sand Clay	584	612
Sandy Clay-Blue & Brwn	612	682
Blue Clay-Sandy Streaks	682	772
Sand and Clay Streaks	772	780
Hard Packed Fine Sand	780	789
Clay	789	790
Hard Packed Fine Sand	790	794
Clay	794	795
Hard Packed Fine Sand	795	797
Hard Packed Fine Sand w/	798	800
small Clay Streaks		
Hard Packed Fine Sand	800	805
Hard packed Fine Sand	805	818
Hard Clay	818	831
Sandy Clay-Tough Streaks	831	885
Hard Clay-Sandy in Places	885	1014

K179
 RANKIN
 9-18-84

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

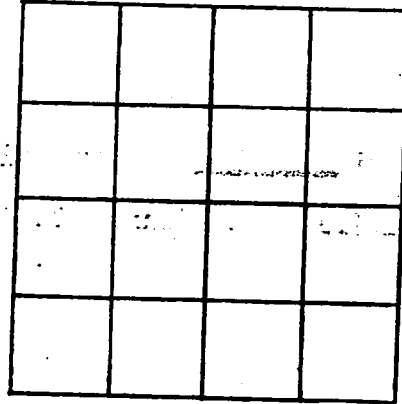
9-18 19 84 Layne-Central Company Rankin
 date well completed firm name county well located

LANDOWNER: State Building Commission (Rankin Cnty Prison) Whitfield Rd., Pearl, Ms. (mailing address)	description of formations encountered	from	to
WELL LOCATION: sec. 35 T 5 N R 2 E S W	Yellow Clay	0	6
(distance) miles (direction) of (nearest town)	Red-Clay-Rock Streaks	6	20
WELL PURPOSE: Municipal (home, irrigation, municipal, industrial)	Gray Clay Sandy Streaks	20	50
WELL COMPLETION DATA:	Gray Clay	50	125
(1) diameter (inches) 16"	Blue Clay	125	524
(2) total depth (feet) 824'	Blue Clay-Sandy	524	554
(3) static water level (feet) 176' below top of ground.	Sandy Clay-Blue Brwn	554	584
(4) casing Blank 736' (material) (depth)	Soft Brown-Sand Clay	584	612
8" (size) if telescope see back.	Sandy Clay-Blue & Brwn	612	682
(5) screen 50' 736' (length) (depth to top)	Blue Clay-Sandy Streaks	682	772
8" (size) Stainless Steel (material)	Sand and Clay Streaks	772	780
(6) pump 100 500 (HP) (yield gpm)	Hard Packed Fine Sand	780	789
Electric (type power)	Clay	789	790
(7) electric log yes (yes or no)	Hard Packed Fine Sand	790	794
Layne-Central Company (organization running log)	Clay	794	795
(8) how well bottom plugged Stainless Steel	Hard Packed Fine Sand	795	797
DRILLERS REMARKS:	Hard Packed Fine Sand w/ small Clay Streaks	798	800
	Hard Packed Fine Sand	800	805
	Hard packed Fine Sand	805	818
	Hard Clay	818	831
	Sandy Clay-Tough Streaks	831	885
	Hard Clay-Sandy in Places	885	1014

CODED
RECEIVED
 OCT - 2 1985
 Department of Natural Resources
 Bureau of Land & Water Resources

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.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hardin/Phillips DATE: 8/1/96

UNIT DEQ #: _____ FILE #: A080114A

HEALTH DEPT. #: 610089-01 ELEV. 313'

USGS #: K179 OLWR #: Gw14504

OWNER: Central MS Correctional Facility QUAD: Whitfield

LOCATION: NE/SE S 35 T 5N R 2E COUNTY: Rankin

LOCATION DESCRIPTION: North of elevated tank on south
side of HWY 468 NW of entrance to jail

CASING DIA: _____ PUMP TYPE & SIZE: Turbine/100 HP

GPS FIELD LOCATION: LAT. 32°13.937'N LONG. 90°03.600'W

GPS CORRECTED LOCATION: LAT. 32.23221840 LONG. 90.06007769

REMARKS: Measured 12' west of well

02 OBS well

1.4 from well to 10x

