



MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

WELL SCHEDULE

FIPS: 121

WELL: F78

LOG NO.:

Recorded by: PPhillips Data Source: Driller's log Water use (Dummy #) Date: 5/12/03
County: Rankin Permit No.: GW98000 DOH No.:
Quad: Jackson Elevation: 273
1/4: SW 1/4: NE 1/4: SE 1/4: SW Sec.: 31 T: 6N R: 2E

Plotted on quad?: In field? From drillers log? From permit?
Latitude: 32 18 52 Longitude: 90 08 07 GPS? 9/19/02 From Quad?
Primary aquifer: CCKF? Secondary aquifer:
Use: IN Well status: Local well name:
Owner: Nucor Steel Co. (Birmingham SE)

Date completed: 4/27/84 Driller: Layne Central Well depth: 170 Hole Depth: 170
Pump type: Submersible Power type: Electric Pump capacity: 42 gpm
Casing interval: 0 - 150' Casing length: 150' Casing diameter: 4"
Casing interval: (123 to 103) Casing length: Casing diameter:
Screen interval: 150' - 170' Screen length: 20' Screen diameter: 4"
Screen interval: Screen length: Screen diameter:
Type of logs: Log interval:
Initial water level: 104 Date: 4/27/84 M.P. description:

Water Quality Data? Source: Reliability:
Water Level Data? Source: Reliability:
Pump Test Data? Source: Reliability:
Water Use Data? Source: Reliability:

RECEIVED

APR 18 2002

April 2002

Well Data Form



BIRMINGHAM SOUTHEAST, LLC
Dept. of Environmental Quality
Office of Land & Water Resources

OLWR Permit Number	MS Health Dept. Tag No.	County	Well Depth	Rated (GPM)	Casing	Date Drilled	Well Status	Connections on Well	Totals gallons pumped in 2001
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F. 065 MS-GW-00350		RANKIN	275	250	8	6/17/1985	Active <input checked="" type="checkbox"/> Standby <input type="checkbox"/> Inactive <input type="checkbox"/> Abandoned <input type="checkbox"/>	1	90 million (est) (a) ²⁴⁶⁶
F. 004 MS-GW-01578		RANKIN	727		8	7/1/1957	Active <input type="checkbox"/> Standby <input type="checkbox"/> Inactive <input type="checkbox"/> Abandoned <input checked="" type="checkbox"/>	0	0
MS-GW-98000		RANKIN	170	42	4	4/27/1984	Active <input checked="" type="checkbox"/> Standby <input type="checkbox"/> Inactive <input type="checkbox"/> Abandoned <input type="checkbox"/>	1 2	7 million (est) (b) ¹⁰¹⁹² 97,000,000 ₂₆₅₈

(a) Estimated pump operation:- 16 hrs/day x 365 days = 5840 hours.
= 350,400 minutes,
@ 250 gpm = 87,600,000 gallons.
say. 90 mil. gals.

(b) Estimated pump operation :- 7 1/2 hrs/day x 365 days = 2737.5 hours
= 164,250 minutes
@ 42 gpm = 6,898,500 gallons,
say. 7 mil. gals.

Please correct any inaccurate information in the above form and fill in any missing information.

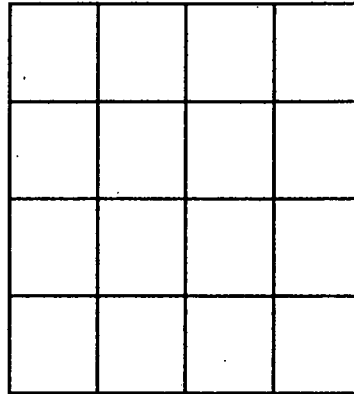
Add any wells not included in the above list.

Well Status = Active (well in use) Standby (well maintained but not used daily) Inactive (well not maintained but not plugged) Abandoned (well plugged as per MDEQ Regulations)

If you did not return a questionnaire last year, please include that information on an attached sheet

If well telescopes, please sketch and show depths.

GROUND LEVEL



SECTION _____

Please indicate well location X.

Pump Capacity (GPM) 42	No. of Stages 15	Setting Depth (FT.) 147	
PUMP TEST Well yielded _____ GPM with a drawdown of _____ feet after _____ hours of pumping.			
LOG DATA			
TYPE OF LOG	No Log Run <input type="checkbox"/>	Electric <input type="checkbox"/>	
Gamma Ray <input type="checkbox"/>	Density <input type="checkbox"/>	Sonic <input type="checkbox"/>	
Other (Describe) _____			
Name of Organization Running Log _____			
GEOLOGIC DATA (Office Use Only)			
Surface	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks			

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

Log of Well for Mississippi Steel Corporation

Well No. 2

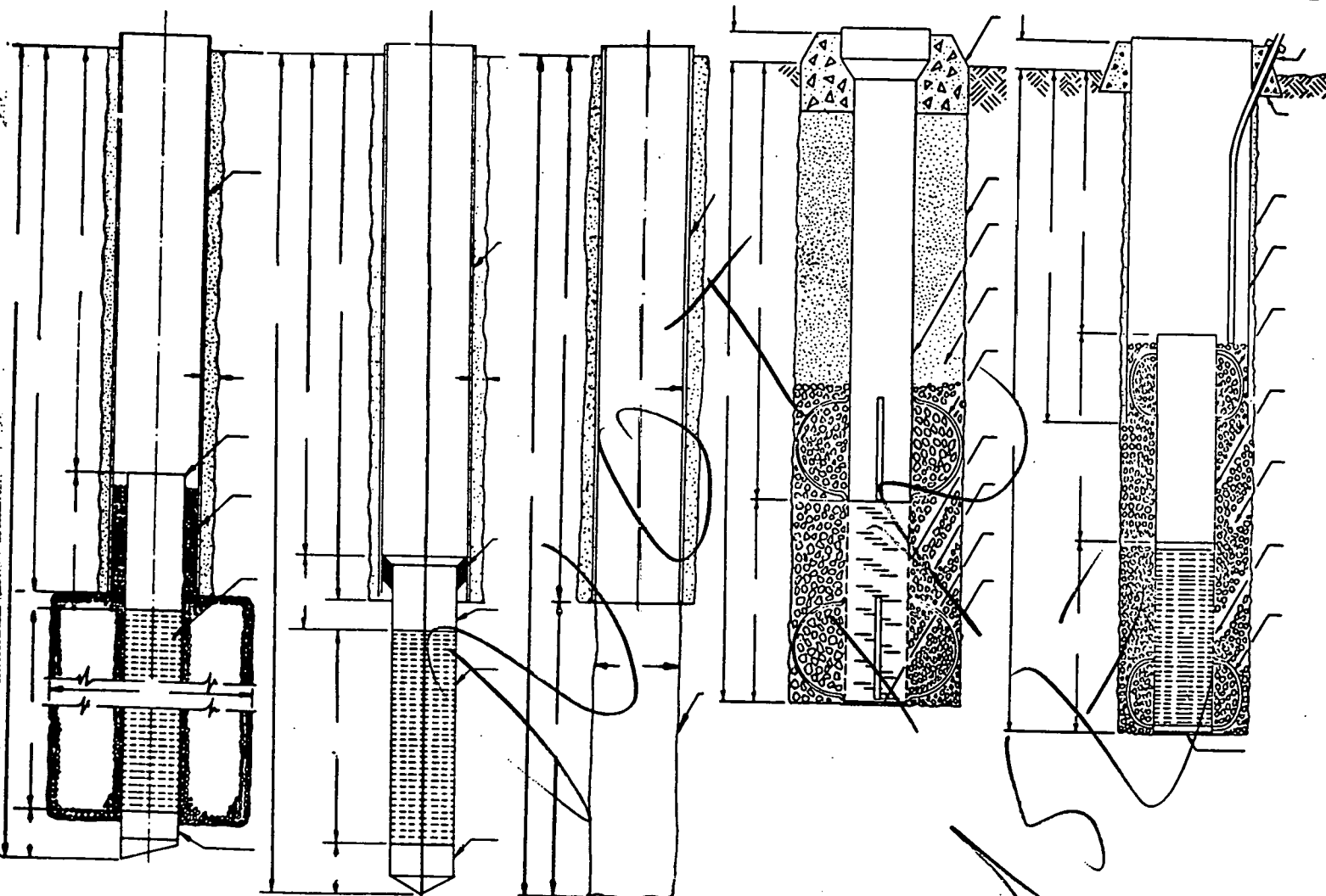
Address (City) Flowood

(County) Rankin

State Ms.

Location of Well at cooling tower

Made in Test Hole No. 1



CONTRACT NO. JA-1882

STARTED WELL 4-24 19 84 AND COMPLETED 4-27-84 19 84

TOTAL DEPTH 170' ELEVATION _____ STATIC WATER LEVEL 104

ALL MEASUREMENTS TAKEN FROM (GROUND) (TOP OF FOUNDATION) (TOP OF CASING) (TOP BASE PLATE)

SURFACE CASING: SIZE _____ LENGTH _____ THICKNESS _____ T & C WELDED

CEMENTED WITH _____ SACKS CEMENT OR PACKER TYPE _____

WELL CASING: SIZE 4" LENGTH 150' WEIGHT P.V.C. T & C WELDED

CEMENTED WITH _____ SACKS CEMENT OR PACKER TYPE _____

INNER CASING SIZE _____ LENGTH _____ TYPE MATERIAL _____ T & C WELDED

WITH X (GUIDES LOCATED) TYPE BACKOFF _____

SIZE SEAL _____ BACKPRESSURE VALVE _____ SIZE _____ LENGTH GUIDE _____

WELL STRAINER: MAKE P.V.C. TYPE _____ SIZE 4" LENGTH 20' OPENING 10 slot

TYPE MATERIAL P.V.C. WITH glue CONNECTIONS _____

SIZE HOLE DRILLED FOR SURFACE CASING 7-7/8 WITH 6 way BIT

SIZE HOLE DRILLED FOR WELL CASING 7-7/8 WITH 6 way BIT

SIZE HOLE DRILLED FOR STRAINER 7-7/8 WITH 6 way REAMER

YARDS OF GRAVEL USED 1/2 HOW PLACED poured TYPE 20-40

HOW WAS WELL DEVELOPED Pump SAND? no CLEAR? yes

FOUNDATION INSTALLED YES LINE DEPTH FEELING RODS _____ TOP OF WELL _____

NOTES: _____

RIG USED Failing 1500 SUPT. A.K. Collins DRILLER Ray Smith



LAYNE _____ DIVISION

INSTALLATION REPORT

INSTALLED FOR Mississippi Steel Corporation CONTRACT NO. JA-1882

CITY Flowood COUNTY Rankin STATE MS

LOCATION at cooling tower WELL NUMBER 2

DATE INSTALLATION COMPLETED 4 27 19 84
(MONTH) (DAY) NEW INSTALLATION TEST
 REPAIR INSPECTION

PUMP MAKE Betta Flow SERIAL NO. 25M TYPE HEAD Sub

TOTAL LENGTH COLUMN 147' SIZE 2" X X OIL WATER LUBRICATED IN LENGTHS

BOWL: SIZE 4" TYPE 25M NO. OF STAGES 15 BRONZE IMPELLERS CAST IRON BOWL

OPEN CLOSED PORTS SUCTION INCH LENGTH SUCTION STRAINER NO YES NO BASE PLATE NO YES NO

IS PUMP SEALED YES NO IF SO, HOW? WHERE?

LUBRICATOR: TYPE CAPACITY QUARTS VOLTAGE

LENGTH OF AIR LINE 147 SIZE 1/4" PLASTIC TUBING COPPER TUBING

AIR RELEASE VALVE TYPE SURFACE DISCHARGE SIZE 2" SCREWED FLANGED

DAYTON COUPLING NO YES NO PRESSURE GAUGE 4" INCH SPEED SIZE PULLEY FLAT V-BELT

CAN WATER BE PUMPED OUTSIDE? yes TOTAL SETTING 153 IS COLUMN SCREWED OR FLANGED

MOTOR MAKE Betta Flow H.P. 3 FRAME NO.

SERIAL NO. STYLE SPEED

1 PHASE 60 CYCLES 230 VOLTS DOES MOTOR HAVE NON-REVERSE RATCHET REVERSE PHASE RELAY

MAKE OF STARTER A.B. SIZE TYPE

GEAR DRIVE MAKE MODEL RATIO TO

SERIAL NO. STANDARD COMBINATION MODEL WITH A MOTOR STAND

ENGINE MAKE H.P. STYLE SERIAL NO.

SPEED TYPE FUEL STANDARD UNDERGROUND FUEL TANK: SIZE PULLEY

MAGNETO MAKE NO. STARTER MAKE

STARTER NO. FLEXIBLE SHAFT MAKE LENGTH

BELT LENGTH OTHER EQUIPMENT

REMARKS:

STATIC LEVEL 104 FEET

CAPACITY OF PUMP 42 GPM AT 0 POUNDS SIGNED /s/ Ray Smith

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR-
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME (S) : RLB

DATE : 9-19-2002

UNIT DEQ # : _____

FILE # : _____

HEALTH DEPT. # : _____

ELEVATION : _____

USGS # :
NO. , ASSIGNED

OLWR # : GW 9800 ~~NOT A OFFICAL PERMIT~~
9800

OWNER : BIRMINGHAM STEEL CORP.

QUAD : JACKSON

LOCATION : _____ S _____ T _____ R _____ COUNTY RANKIN

LOCATION DESCRIPTION : _____

CASING DIA : 4 INCH WELL _____ PUMP TYPE & SIZE : SUB.

GPS FIELD LOCATION : LAT. 32.31447

LONG. -90.13535

GPS CORRECTED LOCATION : LAT. _____ LONG. _____

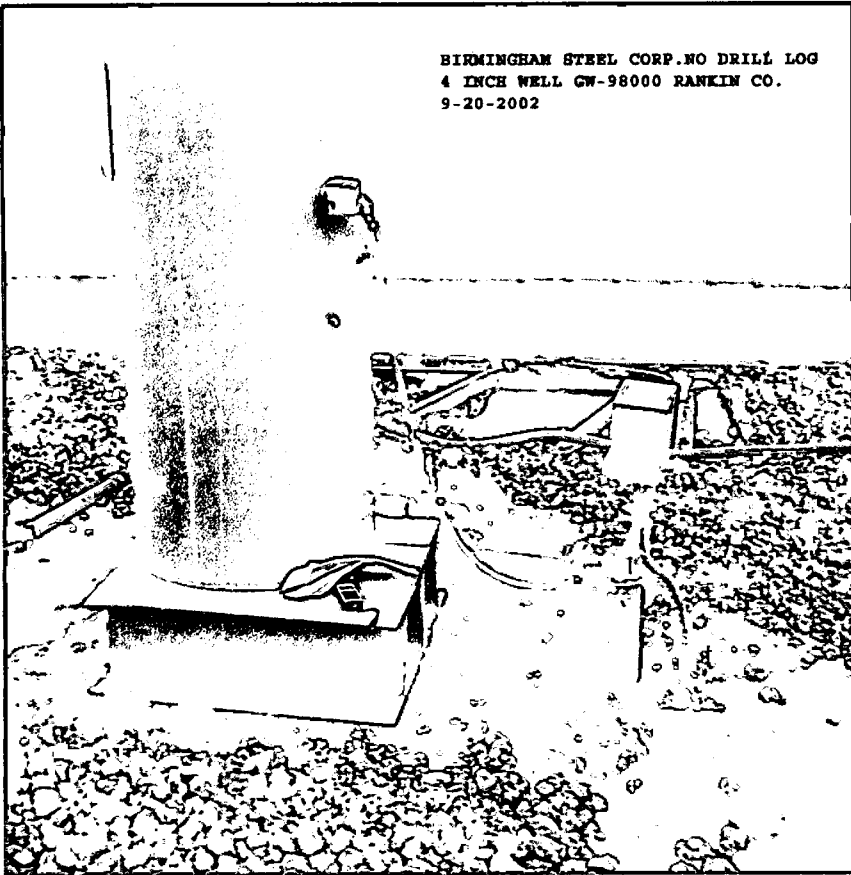
REMARKS : NOT PERMITTED 4 INCH WELL, 170 FT DEEP DRILLED 1984

P000741

32° 18' 52" 90° 08' 7"

Same loc as Nucor Steel Corp.

BIRMINGHAM STEEL CORP. NO DRILL LOG
4 INCH WELL GW-98000 RANKIN CO.
9-20-2002



TopoZone.com

Target is 32° 18' 52"N, 90° 08' 07"W - JACKSON quad [Quad Info]

