

GW00350

1/81 WFO

Recorded by WFO

Date 1/16/85

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

TRANSMITTED FOR ADP
229C
8/85

Well No. F65
E-Log No. 568
County RANKIN

Site ID 32185109008020 R=0* T=A* 2=W* Jackson Quad

GEN. SITE DATA

Data reliab. 3=U* Report. agency 4=USGS* Dist. 6=28* 7=28* Co. 8=121*

Lat. Long. 9=321851* 10=0900802* Well No. 12=F065*

SE Location 13=SE 1/4 S 31 T 06 N R 02 E* Alt. 16=270* 271

Hyd. Unit (OWDC) 20= * Date 21=06/14/1985*

Well use 23=W* Water Use 24=N* Hole depth 27=30.6* Well depth 28=27.5*

N WL 30=1.08* Date 31=06/14/1985* Source 33=D*

Status 273= * Project No. 5= * CCKF

OWNER

R=158* T=A* Date 159# 06/14/1985* Owner No. #3

Owner 161# M S STEEL CORP
Nucor Steel

FIELD QW

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# 06/18/1985* pH 196#00400* 197=8.3*

CONSTR.

R=58* T=A* 59# 1* Date 60# 06/14/1985* Remarks

Drlg. 63# 0.64* Name Layne Central Method 65# H* Finish 66# G*

CASING

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

Top csng. 77# 0* Bot. csng. 78# 235* Diam. 79# 8*

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

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

OPENINGS

R=82* T=A* 59# 1* Top 83# 235* Bottom 84# 275*

Type 85# S* Diam. 87# 8* Size 88# .020*

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

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

YIELD

R= 146* T=A* 147# 1* Q 150# 150* Q/S 272# 5.0*

134 flows 146 pumped

@ 50

LIFT

R=42* T= A * Lift type 43# S* Intake 44= 210* Power type 45= E*
 Date 38= 06/14/1985* H.P. 46= 15.*

LOGS

R=198* T= A * Log 199# E* Top 200= 220.* Bot 201= 298.*
 R=198* T= A * Log 199# D* Top 200= 3.* Bot 201= 306.*
 R=189* T= A * E Log No. 190# 568* 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= 108.* Bot 92= 300.*
 Unit ID 93= 124CCKF * 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= * Yr Begin 122# * Network 258# *

Water Level Data Collection (1)

30' 150 gpm

0-12	12'	Clay
12-28	16'	Top Sand
28-103	75'	Yellow Sand
103-209	106'	Sand
209-215	6'	Clay
215-300	85'	Sand
200-306	6'	Clay

COUNTY WELL LOCATED

Rankin

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Land and Water Resources

P. O. Box 10631
Jackson, MS 39289-0631

WATER WELL DRILLERS LOG

WELL NUMBER

3

CODED

PERMIT NUMBER

MS-GW-00350

NAME OF DRILLING FIRM

Layne-Central

DATE WELL COMPLETED

6/14/1985

Jackson, MS

NAME & ADDRESS OF LANDOWNER

Mississippi Steel Corporation

PO Box 5780

Jackson, MS 39288-5780

LATITUDE

LONGITUDE

WELL LOCATION SEC TOWNSHIP RANGE

SE¼ SE¼ 31 6N 1E

DISTANCE DIRECTION NEAREST TOWN

— Miles — of Flowood

OTHER LANDMARK

In front of fire box

WELL PURPOSE (Home, Irrigation, Municipal, Industrial, Fish Pond, etc.)

Industrial

WELL DATA

Well Depth 275'	Casing Diameter (In.) 8"	Casing Length (Ft.) 235'
Type of Casing	Hole Depth 298'	Depth to Static 108'

TYPE OF COMPLETION:		Gravel Packed <input checked="" type="checkbox"/>
Underreamed <input type="checkbox"/>	Natural Development <input type="checkbox"/>	
Telescoped <input type="checkbox"/>	Open Hole <input type="checkbox"/>	
Other (Describe)		

WELL GROUTED TO A DEPTH OF	FEET
Type Grout:	
Cement <input type="checkbox"/>	Bentonite <input type="checkbox"/>
	Mix <input type="checkbox"/>

SCREEN DATA		
Diameter (In.) 4"	Length (Ft.) 40'	Slot Size (In.) 0.012"

Screen Type Stainless	Depth to Bottom (Ft.) 275'
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PUMP DATA

PUMP TYPE:	Submersible <input checked="" type="checkbox"/>	Turbine <input type="checkbox"/>	Jet Flowing Well <input type="checkbox"/>
Other (Describe)			
POWER TYPE:	Electric <input checked="" type="checkbox"/>	Tractor <input type="checkbox"/>	Diesel <input type="checkbox"/>
	Gasoline <input type="checkbox"/>	Butane <input type="checkbox"/>	
Other (Describe)			
	H/P	15	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
Clay	0	12
Top Sand	12	28
Yellow Sand	28	103
Sand	103	209
Clay	209	215
Sand	215	300
Clay	300	206

RECEIVED

MAY 27 2003

BY: OLWR

I certify that the well was drilled, constructed and completed in accordance with all applicable Requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

LAYNE-CENTRAL

By: *Dave Cook*
Signature of Licensed Driller and License No.

5.20.03
Date

Additional Information Required on Back

If well telescopes, please sketch and show depths.

GROUND LEVEL

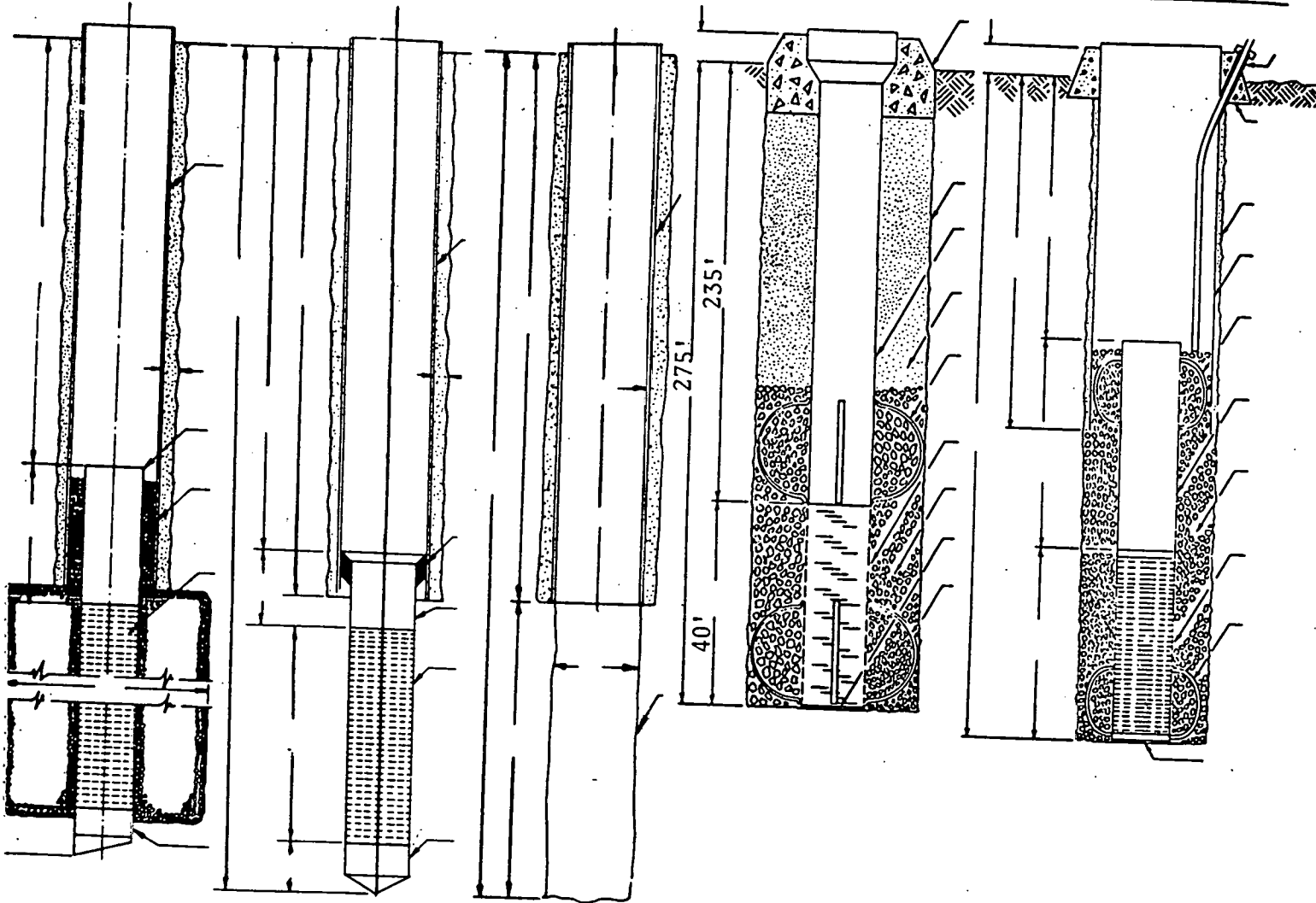
SECTION 31

Please indicate well location X.

Pump Capacity (GPM) 149	No. of Stages 10	Setting Depth (FT.) 210	
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 checked="" type="checkbox"/>	
Gamma Ray <input type="checkbox"/>	Density <input type="checkbox"/>	Sonic <input type="checkbox"/>	
		Newtron <input type="checkbox"/>	
Other (Describe)			
Name of Organization Running Log Layne-Central, Jackson, MS			
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. 3
 Address (City): Flowood (County) Rankin State MS
 Location of Well Mississippi Steel Corporation Made in Test Hole No. #2



STARTED WELL June 3 19 85 CONTRACT NO. JA-2210
 AND COMPLETED 6-14 19 85
 TOTAL DEPTH 275' ELEVATION _____ STATIC WATER LEVEL 108
 ALL MEASUREMENTS TAKEN FROM (GROUND) (TOP OF FOUNDATION) (TOP OF CASING) (TOP BASE PLATE)
 SURFACE CASING: SIZE _____ LENGTH 20' THICKNESS _____ T & C WELED
 CEMENTED WITH 12 SACKS CEMENT OR PACKER TYPE _____
 WELL CASING: SIZE 8" LENGTH 235' WEIGHT _____ K & E WELED
 CEMENTED WITH 20 SACKS CEMENT OR PACKER TYPE _____
 INNER CASING SIZE _____ LENGTH _____ TYPE MATERIAL _____ T & C WELED
 WITH _____ X _____ (GUIDES LOCATED) TYPE BACKOFF _____
 SIZE SEAL _____ BACKPRESSURE VALVE _____ SIZE 2" LENGTH GUIDE _____
 WELL STRAINER: MAKE Houston TYPE WW SIZE 4" LENGTH 40' OPENING 20 slot
 TYPE MATERIAL Stainless Steel WITH welded CONNECTIONS _____
 SIZE HOLE DRILLED FOR SURFACE CASING 15" WITH 15" Drag BIT
 SIZE HOLE DRILLED FOR WELL CASING 11-7/8 WITH 11-7/8 BIT
 SIZE HOLE DRILLED FOR STRAINER 11-7/8 WITH 11-7/8 BIT
 YARDS OF GRAVEL USED 2 HOW PLACED Poured in at top REAMER TYPE 16-30
 HOW WAS WELL DEVELOPED Agitated & pumped SAND? NO CLEAR? yes
 FOUNDATION INSTALLED NO _____ DEPTH FEELING RODS _____ TOP OF WELL _____
 NOTES: _____
 RIG USED F1500 /s/ Ray Smith /s/ Don Perkins

NE Central DIVISION

DRILLED FOR Mississippi Steel Corporation

ADDRESS Flowood

DATE _____

_____ OF SEC. _____ TS _____ R _____

COUNTY Rankin

TOTAL DEPTH	EACH STRATUM	FORMATION	TOTAL DEPTH	EACH STRATUM	FORMATION
0-12	12'	Clay			
12-28	16'	Top Sand			
28-103	75'	Yellow Sand			
103-209	106'	Sand			
209-215	6'	Clay			
215-300	85'	Sand			
200-306	6'	Clay			

DRILLING TIME _____ HR.

DAYS ON JOB 10

SIZE TEST HOLE 7-7/8

TYPE BIT USED 6 way

Don Perkins

DRILLER

FIELD SUPT.



INSTALLED FOR Mississippi Steel Corporation

CONTRACT NO. JA-2210

CITY Flowood

COUNTY Rankin

STATE MS

LOCATION near far corner of Plant

WELL NUMBER 3

DATE INSTALLATION COMPLETED June 30 19 85
(MONTH) (DAY)

NEW INSTALLATION TEST
 REPAIR INSPECTION

PUMP MAKE Grundfos SERIAL NO. A8524M02 TYPE HEAD fabricated 4"

TOTAL LENGTH COLUMN 210' SIZE 4" X 4" X 4" WATER LUBRICATED IN 21' LENGTHS

BOWL: SIZE SP27-9 TYPE 10 Stage NO. OF STAGES 10

CAST IRON
 BRONZE

IMPELLERS

CAST IRON
 BRONZE

BOWL

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

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

LUBRICATOR: TYPE CAPACITY QUARTS VOLTAGE

LENGTH OF AIR LINE 210' SIZE 1/4" PLASTIC TUBING COPPER TUBING: NONE

AIR RELEASE VALVE TYPE SURFACE DISCHARGE SIZE 4" SCREWED OR FLANGED

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

CAN WATER BE PUMPED OUTSIDE? yes TOTAL SETTING 216' IS COLUMN SCREWED OR FLANGED

MOTOR MAKE Franklin Electric H.P. 15 FRAME NO. Submersible

SERIAL NO. 236613610 STYLE Submersible SPEED 3450

3 PHASE 60 CYCLES 460 VOLTS DOES MOTOR HAVE REVERSE PHASE RELAY

MAKE OF STARTER A & B SIZE 2 TYPE AFL

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: #8 wire no foot valve

STATIC LEVEL 108 FEET

CAPACITY OF PUMP 149 GPM AT 50 POUNDS SIGNED /s/ Robert G. Kitchens

LC-3

**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 # : F065 OLWR # : MS-GW-00350
OWNER : BIRMINGHAM STEEL CORP. QUAD : JACKSON
LOCATION : _____ S _____ T _____ R _____ COUNTY RANKIN
LOCATION DESCRIPTION : _____

CASING DIA : _____ PUMP TYPE & SIZE : _____
GPS FIELD LOCATION : LAT. 32.31301 LONG. -90.13411
GPS CORRECTED LOCATION : LAT. _____ LONG. _____
REMARKS : P000740PDS

32° 18' 46.8" 90° 08' 02.8"

PUBLIC SUPPLY WELLS PROJECT

LOG

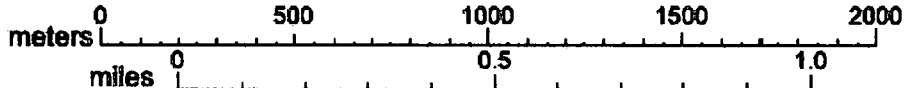
USER NAME (S)	DATE			
LOCATION	WELL			
HEALTH DEPT #	ELEVATION			
USER #	OLIVER #			
OWNER #	QUAD #			
LOCATION	S	T	R	COUNTY
LOCATION DESCRIPTION				
CORING DIA	CORING DEPTH & SIZE			
GRID FIELD LOCATION: LAT	LONG			
GRID CORRECTED LOCATION: LAT	LONG			
REMARKS				



BIRMINGHAM STEEL CORP. F065 GW00350
RANKIN CO. 9-19-2002

TopoZone.com

Target is 32.3130°N, 90.1341°W - JACKSON quad [Quad Info]



1980-1981

THE UNIVERSITY OF JACKSONVILLE

[The main body of the document contains several paragraphs of text that are extremely faint and illegible due to the quality of the scan. The text appears to be a formal letter or report.]

DATE: _____