

Confidential

9-185
(October 1950)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

WELL SCHEDULE

Date 7/31, 1957 Field No. _____
Record by Efferwey Office No. F4
Source of data Diller

1. Location: State Miss. County Rankin
Map _____

SWSE 1/4 SW 1/4 sec. 31 T. 6 N. R. 2 W. 4

2. Owner Miss. Steel Co. Address Flowood
Tenant _____ Address _____
Driller Tom Central (T. Kelly) Address _____

3. Topography

4. Elevation 260 ft. above N.S.L. (Bar)
below

5. Type Dug, drilled, driven, bored, jetted, July 10

6. Depth Rept. 727 ft. Meas. _____ ft.

7. Casings Diam. 10 in. to _____ in. Type _____
Depth _____ ft. Finish _____

8. Chief Aquifer _____ From _____ ft. to _____ ft.
Others _____

9. Water level 170 ft. meas. July 10 57 above
below which is _____ ft. above
below surface

10. Pump Type Large turb. Capacity _____ G.P.M.
Power Kind Elect. Horsepower _____

11. Yield: Flow _____ G.M. Pump _____ G.M., Meas., Rept. Est.
Drawdown _____ ft. after _____ hours pumping _____ G.M.

12. Use: Dom., Stock, PS., RR., Ind. Irr., Obs. _____
Adequacy, permanence _____

13. Quality _____ Temp _____ °F
Taste, odor, color _____ Sample Yes _____ No _____
Unfit for _____

14. Remarks: (Log, Analyses, etc.) _____

0-17 Sandy clay
 17-28 Fine sand
 28-209 Sandy shale
 209-244 Fine sand
 244-334 shale
 330 Hard shale
 333 Rock
 332 Hard shale
 335 Rock
 412 Hard shale
 414 Sandy shale
 473 Hard shale
 601 Graining shale
 619 Fine sand
 674 Hard shale
 727 Sand

Scale 1:5000
 1 cm = 50 m



Source of data
 Record by
 Date

WELL SCHEDULE

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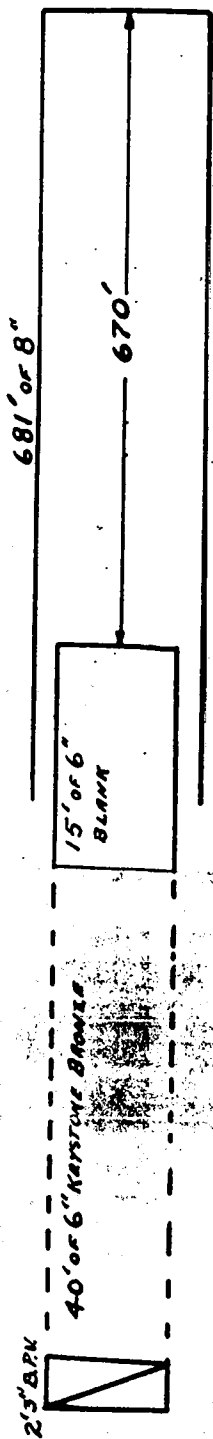
UNITED STATES

(October 1920)
 9-182

F4

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

DRAWING OF THE WELL



WELL DATA	STARTED WELL	June 25 1957	AND COMPLETED	July 15, 1957						
	TOTAL DEPTH	227'	ELEVATION	STATIC WATER LEVEL 121'						
	LENGTH SURFACE CASING	None	SIZE	THICKNESS						
	CEMENTED WITH	SACKS CEMENT	TYPE PACKER							
	LENGTH WELL CASING	81'	SIZE 8"	WEIGHT						
	CEMENTED WITH	SACKS CEMENT	TYPE PACKER							
	INNER CASING LENGTH	15'	SIZE 6"	WEIGHT						
	WITH	X	GUIDES LOCATED	TYPE BACKOFF						
	LEAD SEAL	8 x 6	BACKPRESSURE VALVE	6" GUIDE						
	WELL STRAINER MAKE	Rayno	SIZE 6"	LENGTH 40'	OPENING .010					
PUMP RECORD	TYPE MATERIAL	Keystone	CONNECTIONS							
	SIZE HOLE DRILLED FOR SURFACE CASING		WITH							
	SIZE HOLE DRILLED FOR WELL CASING		WITH							
	SIZE HOLE DRILLED FOR STRAINER		WITH							
	YARDS OF GRAVEL USED		HOW PLACED							
	HOW WAS WELL DEVELOPED									
	NOTES:									
	RIG USED	P. B. No. 2	DRILLER	J. P. Tillery						
	SERIAL NUMBER	3810	MAKE	Layne	TYPE FOUNDATION	concrete				
	LENGTH COLUMN	180'	SIZE	5" x 1 1/2" x 1"	TYPE	oil	LENGTHS	10'		
BOWL SIZE	8"	TYPE	HC	STAGES	8	MATERIAL	IMPELLER	Bronze		
MATERIAL BOWL	C. I.	WITH	open	PORTS AND		SHAFT				
SUCTION SIZE	6"	LENGTH	20'	SUCTION STRAINER	No					
IS PUMP SEALED HOW	to	WHERE		WITH WHAT						
LUBRICATOR TYPE	Solmold	SIZE	1-qt.	VOLTAGE	440 volt					
LENGTH OF AIRLINE		SIZE		TYPE MATERIAL						
AIR RELEASE VALVE TYPE		SIZE								
SIZE SURFACE DISCHARGE	4"	TYPE	flgd.	DAYTON COUPLING	No					
PRESSURE GAUGE		SIZE PULLEY		SPEED	1750					
NOTES:										
RIG USED TO SET PUMP		INSTALLER	Oliver E. Smith							
DATE PUMP INSTALLED	9-11 1957	DATE IN OPERATION	19							
MOTOR	MAKE	H. I.	MODEL	364P	PHASE	3	CYCLE	60	VOLT	440
	SPEED	1750	SIZE		SERIAL NUMBER	1-537018				
	TOP BEARING		BOTTOM BEARING		RATCHET					
	STARTER	C. H.	PRESSURE SWITCH		FLOAT					
GEAR	MAKE	Amarillo	STYLE		SIZE		RATIO	1:1	NO	0139109
	SIZE PULLEY		TYPE MOTOR FRAME							
ENGINE	MAKE	Red Seal	SIZE		HP		SERIAL NUMBER	294340		
	SPEED	1750	TYPE FUEL TANK	Natural Gas	MAKE MAG	NO				
	MAKE STARTER		NO	TYPE FUEL						
	MAKE FLEXIBLE SHAFT		SIZE	LENGTH	BELT LENGTH					
GENERAL	PURPOSE FOR WHICH THIS WATER IS USED									
	TEMPERATURE		WATER CLEAR	Yes	CAPACITY					
	SAND	HARDNESS	PH	IRON	NaCl					
	TYPE TREATMENT USED									
	IS THERE A DERRICK OVER THE WELL	No	HEIGHT		TYPE					
CAN TRUCK OR RIG EASILY GET TO WELL	Yes									
PUMP HOUSE		SIZE HATCH								

CONTRACT NO. 5672 - 100

OUR WELL NO. 1 THEIR WELL NO. 1 IN TEST HOLE NO. 1

LOCATION OF THE WELL Bankin County - near Flowood

total Depth

MISSISSIPPI STEEL CORPORATION

F4

FORMATION LOG OF THE WELL OR TEST HOLE

STARTED TEST HOLE June 25 1957 FINISHED _____ TEST HOLE NUMBER 1
 LOCATION Rankin County SEC _____ TS _____ RANGE _____ ELEVATION _____

TOTAL DEPTH	THICKNESS EACH STRATUM	FORMATION	TOTAL DEPTH	THICKNESS EACH STRATUM	FORMATION
17	17	Sandy Clay			
28	11	Fine Sand			
209	181	Sandy Shale			
244	35	Fine Sand			
334	90	Shale			
380	46	Hard Shale			
383	3	Rock			
392	9	Hard Shale			
395	3	Rock			
415	20	Hard Shale			
476	61	Sandy Shale			
513	37	Hard Shale			
601	88	Ouincy Shale			
649	48	Fine Sand			
674	25	Hard Shale			
727	53	Sand			

MULTI PIT SIZE _____ FT. X _____ FT. X _____ FT. DEEP
 TYPE BIT USED TO CUT SAND _____
 SIZE OF TEST HOLE THROUGH SAND _____
 TYPE OF BIT USED TO CUT UPPER FORMATIONS _____
 _____ SIZE
 TYPE MUD PUMP USED _____
 DRILLING PRESSURE IN SAND _____
 TYPE OF MUD USED _____
 NOTES:

TEST DATA		
	PRELIMINARY TEST	FINAL TEST
STATIC WATER LEVEL	121'	125'
PUMPED G. P. M.	60	244
PRESSURE, POUNDS		30
DRAWDOWN	15'	
G. P. D.		
GUARANTEED G. P. M.		200
GUARANTEED PRESSURE		30
DATE OF TEST		9-11-57

REMARKS

DRILLER J. P. Tillery
 FIELD SUPT. W. B. Praytor

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

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

UNIT DEQ #: _____ FILE #: A080118B

HEALTH DEPT. #: 610093-01 ELEV. 270'

USGS #: F4 OLWR #: GW01578

OWNER: Birmingham Steel Co. QUAD: Jackson
MS Steel Division on permit

LOCATION: SE/SW S31 T6N R2E COUNTY: Rankin

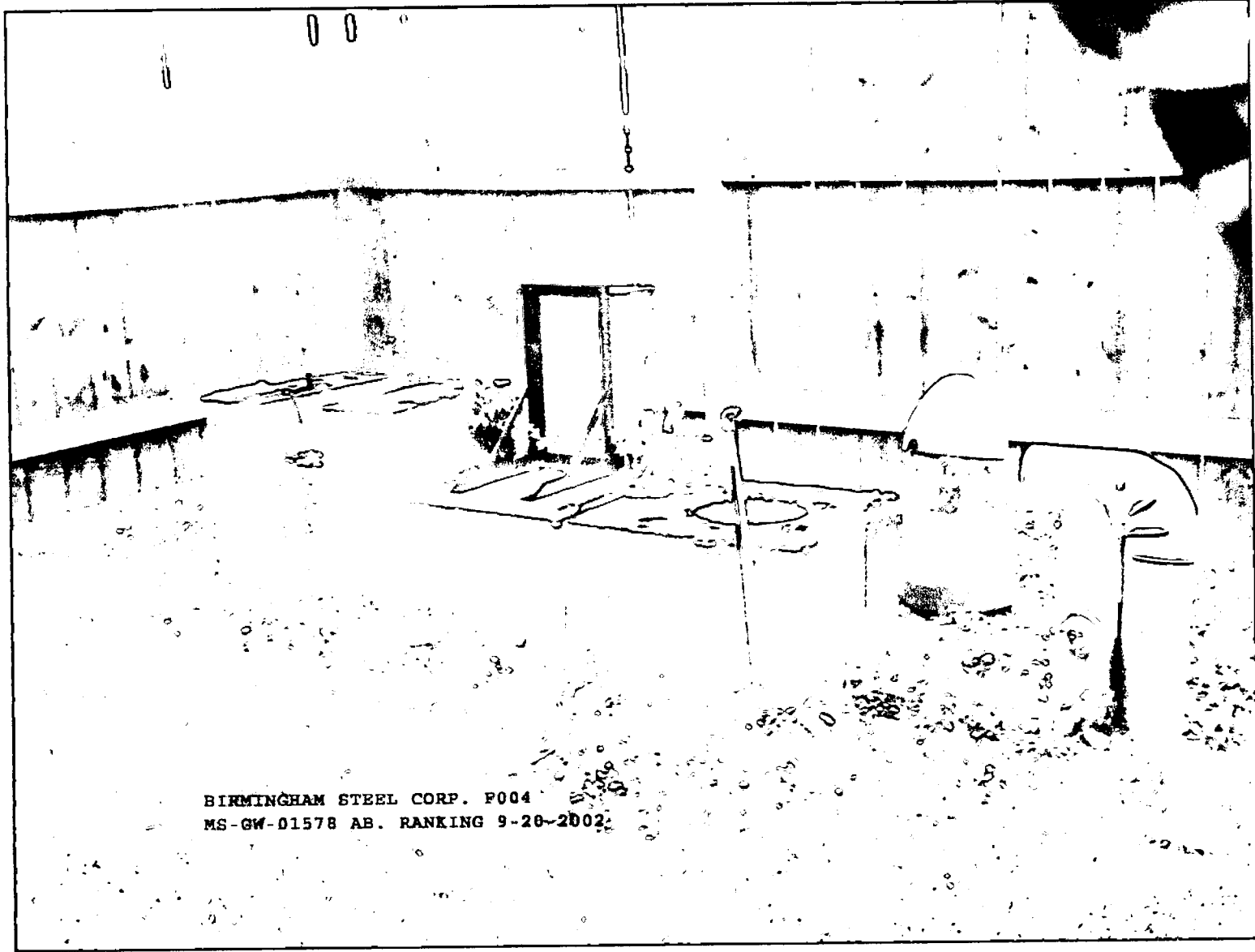
LOCATION DESCRIPTION: Well under elevated tank
east of office

CASING DIA: _____ PUMP TYPE & SIZE: _____

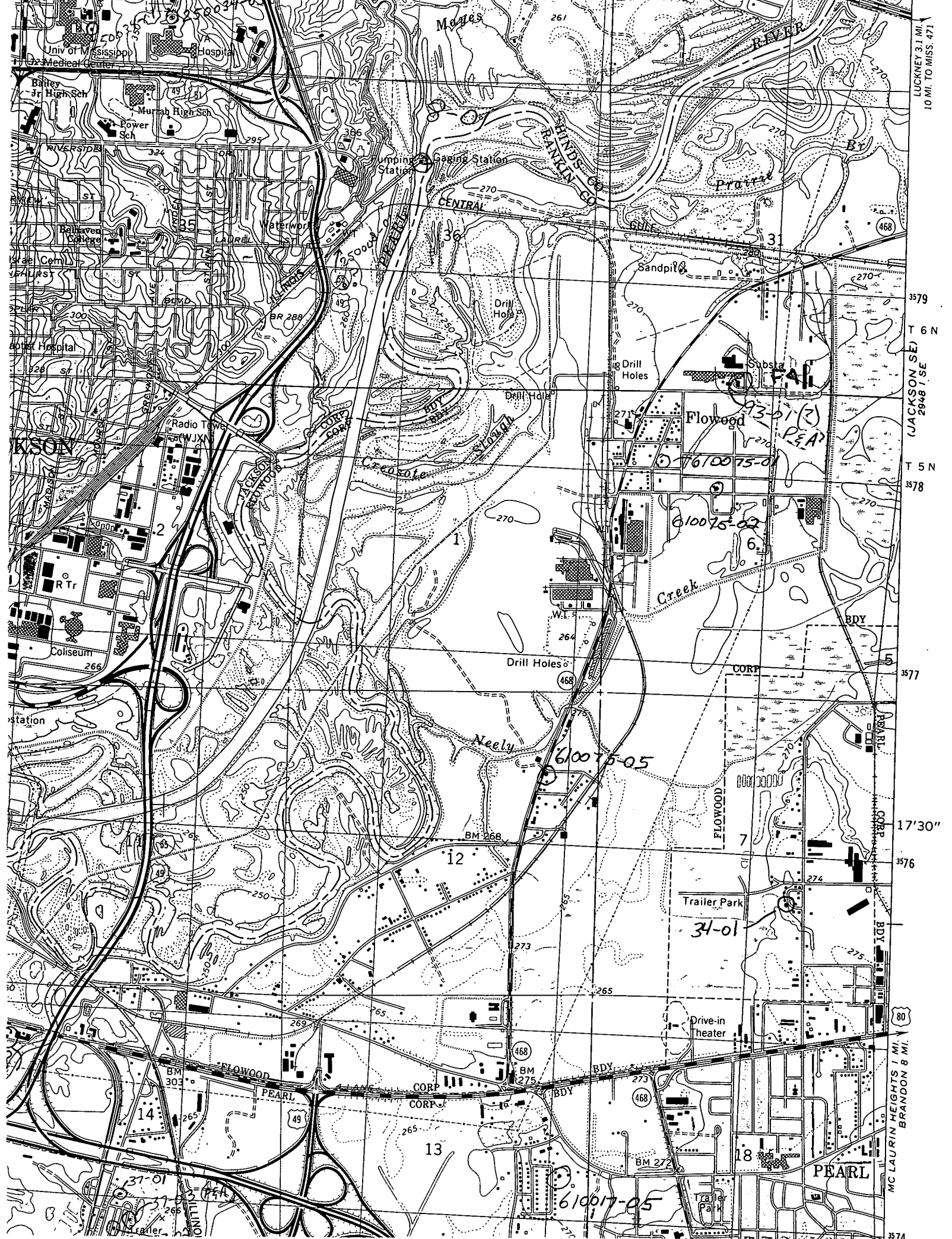
GPS FIELD LOCATION: LAT. 32° 18.760' N LONG. 90° 08.055' W

GPS CORRECTED LOCATION: LAT. 32.31274366 LONG. 90.13453467

REMARKS: Measured 25' north of well
Well has been plugged & abandoned
32° 18' 45.9" 90° 08' 04.3"



BIRMINGHAM STEEL CORP. F004
MS-GW-01578 AB. RANKING 9-20-2002



LUCKNEY 3.1 MI
10 MI. TO MISS. 471

(JACKSON SE)
2948 1 SE

T 6 N

T 5 N

3579

3578

3577

17'30"

3576

3574

TopoZone.com

Target is 32.3127°N, 90.1345°W - JACKSON quad [Quad Info]

