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Dept. of Environmental Quality  
Survey of Land & Water Resources

GRINER DRILLING SERVICE, INC.

TELEPHONE 736-6347

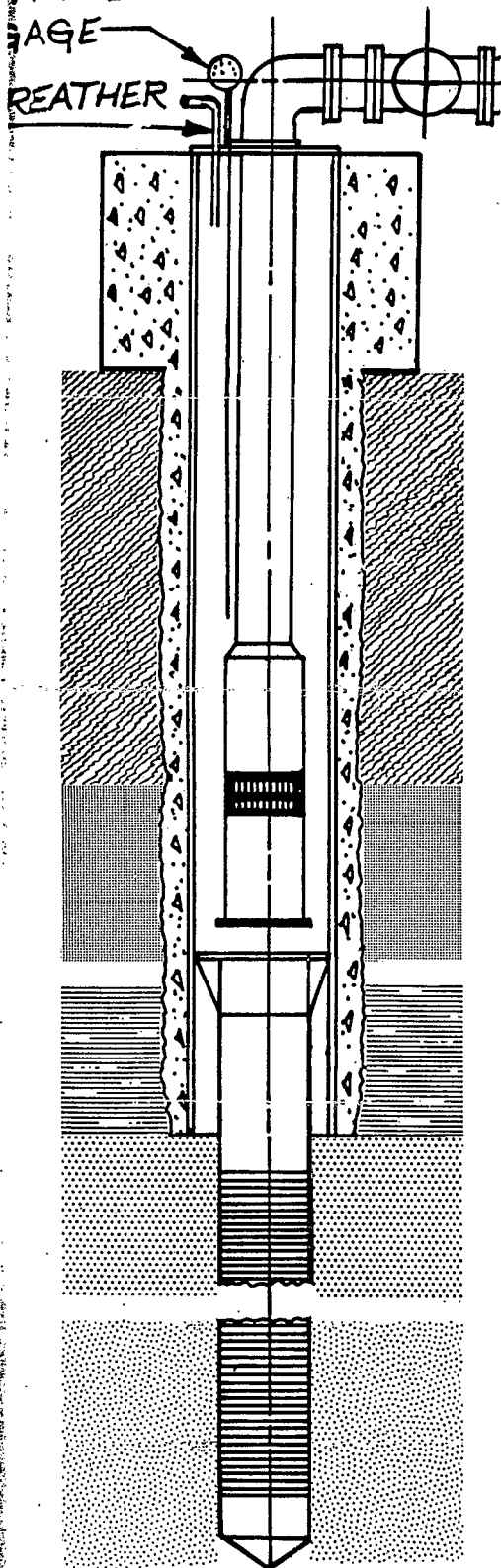
P. O. BOX 309

COLUMBIA, MISS. 39429

G 206

LOG FORM

NAME City of Brookhaven  
 LOCATION Waste Water Plant, Well NO. 1  
SE 1/4 NW 1/4 NE 1/4 SW 1/4 SEC. 25, T7N, R7E  
 ENGINEER Engineering Associates  
 DRILLER Tommy Powell LOG. NO. YES  
 COMPLETED 6-30 19 89 ACCEPTED \_\_\_\_\_  
 Sales Engineer Joe Loftin Field Supervisor F. Sistrunk



WELL DATA

Length surface casing \_\_\_\_\_; size surface casing \_\_\_\_\_  
 Cemented \_\_\_\_\_ No. Sacks \_\_\_\_\_ Size Drilled Hole \_\_\_\_\_  
 Depth drilled hole \_\_\_\_\_ Size well casing 6" Type PVC  
 Length well casing 102' cemented 50' No. Sacks 5 sacks  
 Size screen 4" type PVC (sch 40) mfg. by 1  
 Slot size .010 material PVC length screen 40'  
 Lap pipe size \_\_\_\_\_ lap pipe length \_\_\_\_\_ type \_\_\_\_\_  
 Distance to lap \_\_\_\_\_  
 Distance to screen top 100'  
 Distance to screen bottom 140' type bottom BWV  
 Connection top of lap \_\_\_\_\_ static water level 11.02

PUMP DATA

Type Submersible Make Grundfos Serial No. GL805100  
 No. Stages 8 Curve No. SP16 (10 HP)  
 Length Column 100' Size Column 3" Type Column PVC(sch80)  
 Size Wire 12/3 Length Wire 100' Size Discharge 3"  
 Overall Pump Length 105' Length Air Line \_\_\_\_\_  
 Rated capacity 85 GPM Total Head 100 PSI'  
 RPM 3500 Size foundation 1' X 1' Height 1'

ELECTRIC MOTOR DATA

Type Submersible Make Franklin Serial No. FM 10-4603  
 HP 10 Voltage 460 RPM 3500 Frame \_\_\_\_\_  
 Style \_\_\_\_\_ Phase 3 Cycle 60 AMPS 15.6

SWITCH DATA

Type Pumping Plant Panel Make Allen Bradley  
 Catalog No. 12 Size 1 Rating 27 H.P.  
 Volts 460 Phase 3 Cycles 60  
 HP rating 27 Size relays 15.6 Relay type Quick Trip  
 Entrance switch 30 A.  
 Fuse size & type 30 A.- 600 volt Size wire #12

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**GRINER DRILLING SERVICE, INC.**

TELEPHONE 601/736-6347  
POST OFFICE DRAWER 825  
COLUMBIA, MISS. 39429

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FORMATION LOG FOR City of Brookhaven

ADDRESS Waste Water Plant Well

TEST HOLE

NO. 1

TEST HOLE LOCATION SE 1/4 NW 1/4 SW 1/4 Sec. 25, T7N, R7E

**FORMATION AND TEST HOLE INFORMATION**

E-Log and Gamma - Log MGS

TOTAL DEPTH	THICKNESS EACH STRATUM	FORMATION	REMARKS
2	2	Top Soil	
42	40	Sand and Clay Streaks	
86	44	Clay	
94	8	Sandy Clay	
100	6	Clay	
144	44	Sand and Pea Gravel	
176	32	Clay	
182	6	Sandy Clay	
206	24	Clay	

Date Started 6-28 19 89 Date Completed 6-28 19 89

Frank Sistrunk Field Engineer  
Tommy Powell Driller