

GW11849

GRINER DRILLING SERVICE, INC.

TELEPHONE 736-6347

P. O. BOX 309

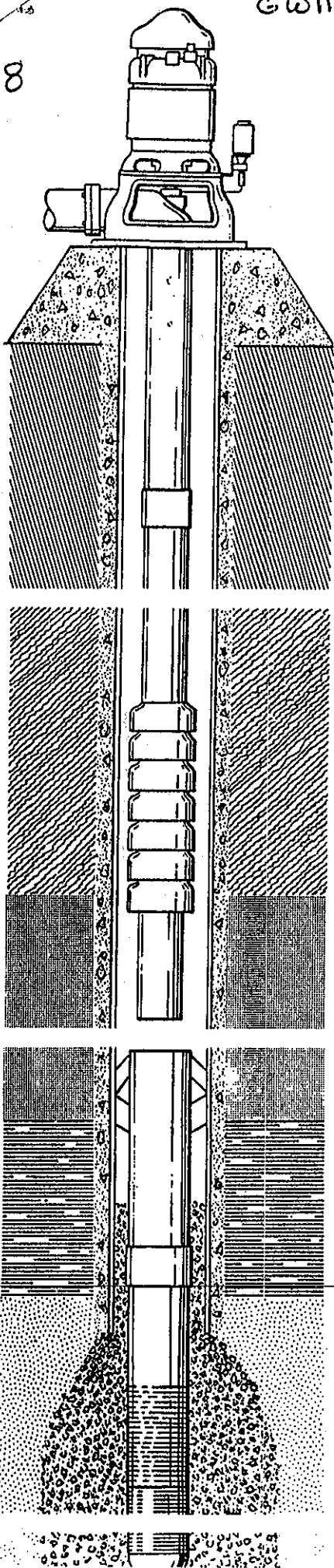
COLUMBIA, MISS. 39429

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LOG FORM



NAME City of Hattiesburg
 LOCATION Well No. 9 - Plant No. 1
NW $\frac{1}{4}$, NW $\frac{1}{4}$, NE $\frac{1}{4}$, SE $\frac{1}{4}$, Sec. 31, T5N, R13W
 ENGINEER The Walker Associates
 DRILLER Tommy Powell LOG. NO. _____
 COMPLETED October 1991 ACCEPTED _____
 Sales Engineer Thad Shows Field Supervisor F. Sistrunk

WELL DATA

Length surface casing N/A; size surface casing N/A
 Cemented N/A No. Sacks N/A Size Drilled Hole 26"
 Depth drilled hole 355' Size well casing 20" Type Welded
 Length well casing 350' cemented Yes No. Sacks 420
 Size underreamed hole 24" length underreamed hole 140'
 Size screen 10" type Wirewound mfg. by Cook
 Slot size .020 material 304 S.S. length screen 87.2'
 Lap pipe size 10 3/4" lap pipe length 61.20' type Stainless S.W.
 Type gravel Colorado Silica No. yds. 18.88 Distance to lap 296'
 Distance to screen top 358' distance to gravel 306'
 Distance to screen bottom 497' type bottom Steel Plate
 Connection top of lap 10" L&R Collar static water level 50'

PUMP DATA

Type Turbine (Bronze Bowls) make Peabody Floway Serial No. 91-0133
 Size bowls 14 No. stages 3 (B-Cut) Curve No. DKL Length bowls 51 1/2"
 Length column 130' size column 10" (C.I.) type column Threaded
 Size oil tube _____ size shaft 1 1/2" (416 S.S.) length suction 10'
 Size suction 10" size discharge 10" Head No. 10x16 1/2 "A
 Overall pump length 145' Length headshaft 62"
 Type lubrication Water type oiler Solenoid length air line 130'
 Rated capacity 1500 GPM Total Head 204
 RPM 1770 Size foundation 3'x3' Height 3'

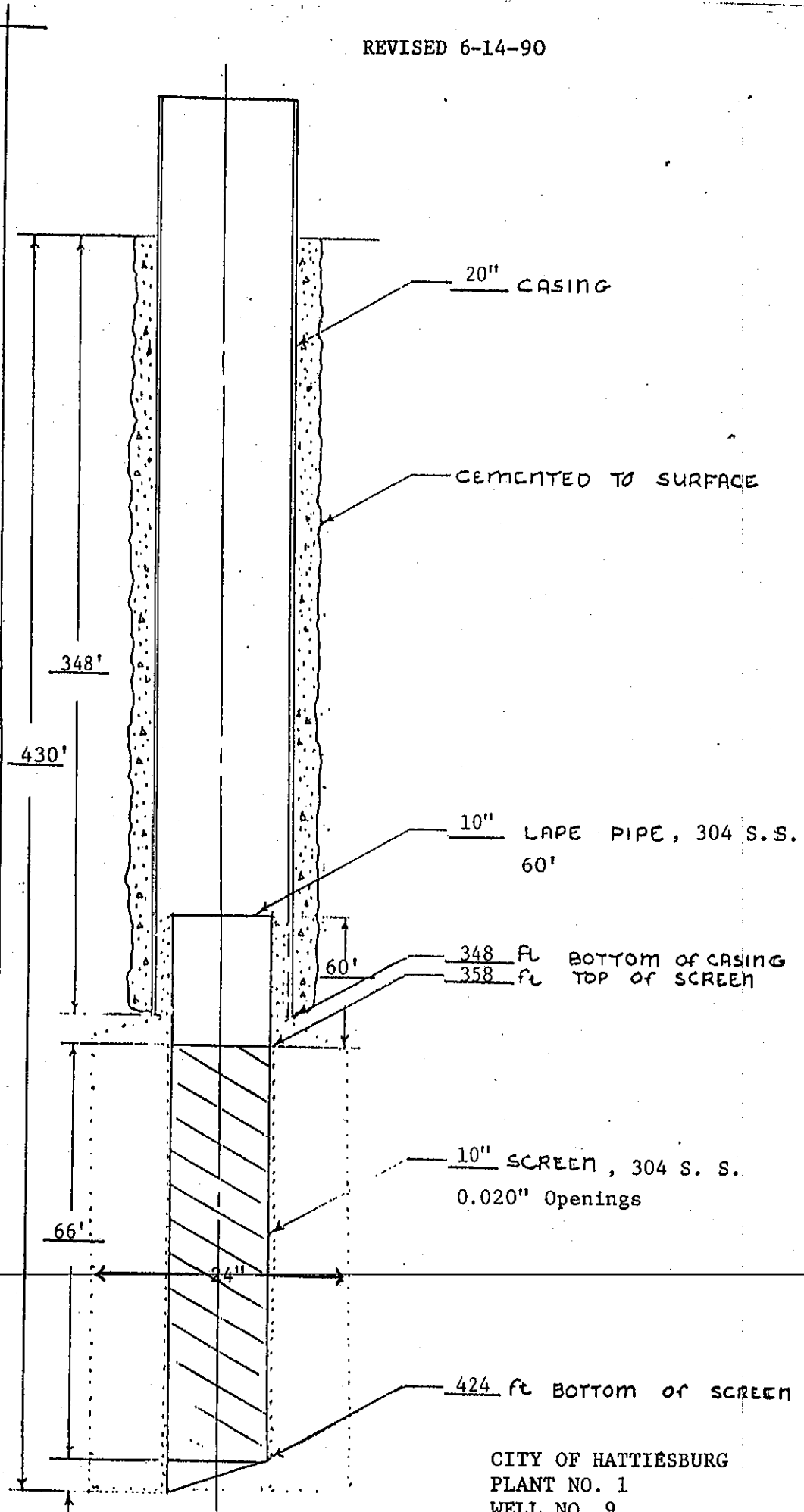
ELECTRIC MOTOR DATA

Type VHS Make U.S. Serial No. 6347/U03T 354R037R-
 HP 100 Voltage 460 RPM 1770 Frame 404TP
 Style P Phase 3 Cycle 60 AMPS 124
 Height motor 37" Dia. base 16 1/2" Clutch bore 1 1/2" Clutch No. -
 Top bearing No. 7222BMAC Lower bearing No. 6212-J Lubrication Oil & Greas

SWITCH DATA

Type Pumping Plant Panel Make Control Systems
 Catalog No. 8-1125-118-PPQ1 Size 3 Rating 120
 Volts 460 P.W. Phase 3 Cycles 60
 HP rating 480 P.W. Size relays 200 A. Relay type Quick Trip
 Entrance switch 225 Amp.
 Fuse size & type 125 Amp. Size wire # 4

REVISED 6-14-90



CITY OF HATTIESBURG
PLANT NO. 1
WELL NO. 9

GRINER DRILLING SERVICE, INC.

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

FORMATION LOG FOR City of Hattiesburg

ADDRESS Plant No. 1, Well No. 9

TEST HOLE
 NO. 1

TEST HOLE LOCATION NW¼ NW¼ NE¼ SE¼ Sec. 31, T5N, R13W

FORMATION AND TEST HOLE INFORMATION

E-Log and Gamma Log

TOTAL DEPTH	THICKNESS EACH STRATUM	FORMATION	REMARKS
2	2	Top Soil	
42	40	Clay, Hard	
106	64	Sand & Gravel (Lost Circulation @ 84 Ft.)	
221	115	Clay	
310	89	Sand	
352	42	Clay	
440	88	Sand	
470	30	Clay	
498	28	Sand	
578	80	Clay	
640	62	Sand	
714	74	Clay and Rocks	
777	63	Limerock & Sand	
798	21	Sand, Rock & Clay Streaks	
810	12	Clay, Hard	

Date Started 5-22 19 90 Date Completed 5-26 19 90

Frankie Sistrunk Field Engineer

Earl Henderson