

6W-14702  
 DeSoto  
 B62  
 11/2/79

MISSISSIPPI  
 BOARD OF WATER COMMISSIONERS  
 416 North State Street  
 Jackson, Mississippi 39201

CODED!

WATER WELL DRILLERS LOG

11/2 1979 Layne-Central Company DeSoto  
 date well completed firm name county well located

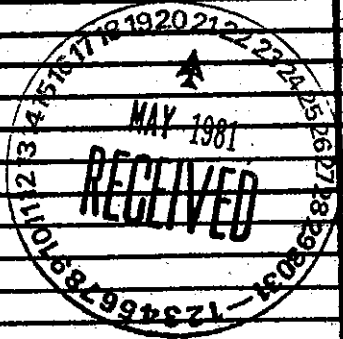
LANDOWNER: Delta Utility Co.  
 City of Horn Lake  
 P. O. Box 152, Horn Lake, MS  
 (mailing address)

WELL LOCATION:  
 sec 34 T 1 N R 8 E  
 under water tank north of plant  
 (distance) miles (direction) of (nearest town)

WELL PURPOSE: municipal  
 (home, irrigation, municipal, industrial)

WELL COMPLETION DATA:  
 (1) diameter (inches) 12"  
 (2) total depth (feet) 367'  
 (3) static water level (feet) 96' below  
 top of ground.  
 (4) casing steel 312'  
 (material) (depth)  
 8" if telescope see back.  
 (size)  
 (5) screen 50' 362'  
 (length) (depth to top)  
 8" stainless steel  
 (size) (material)  
 (6) pump 30 560 @ 10 psi  
 (HP) (yield gpm).  
 elec.  
 (type power)  
 (7) electric log No.  
 (yes or no)  
 (organization running log)  
 (8) how well bottom plugged 5' x 8"  
 back pressure valve

description of formations encountered	from	to
Clay	0	28
Sand & small gravel	28	36
Sandy Clay	36	65
Clay	65	83
Sandy Clay	83	90
Clay	90	104
Sandy Clay	104	112
Clay	112	238
Fine Sand & Clay stks.	238	294
Coarse sand, few clay stk	294	362
Sandy Clay	362	384
Sand & Clay	384	395
Hard Clay	395	405



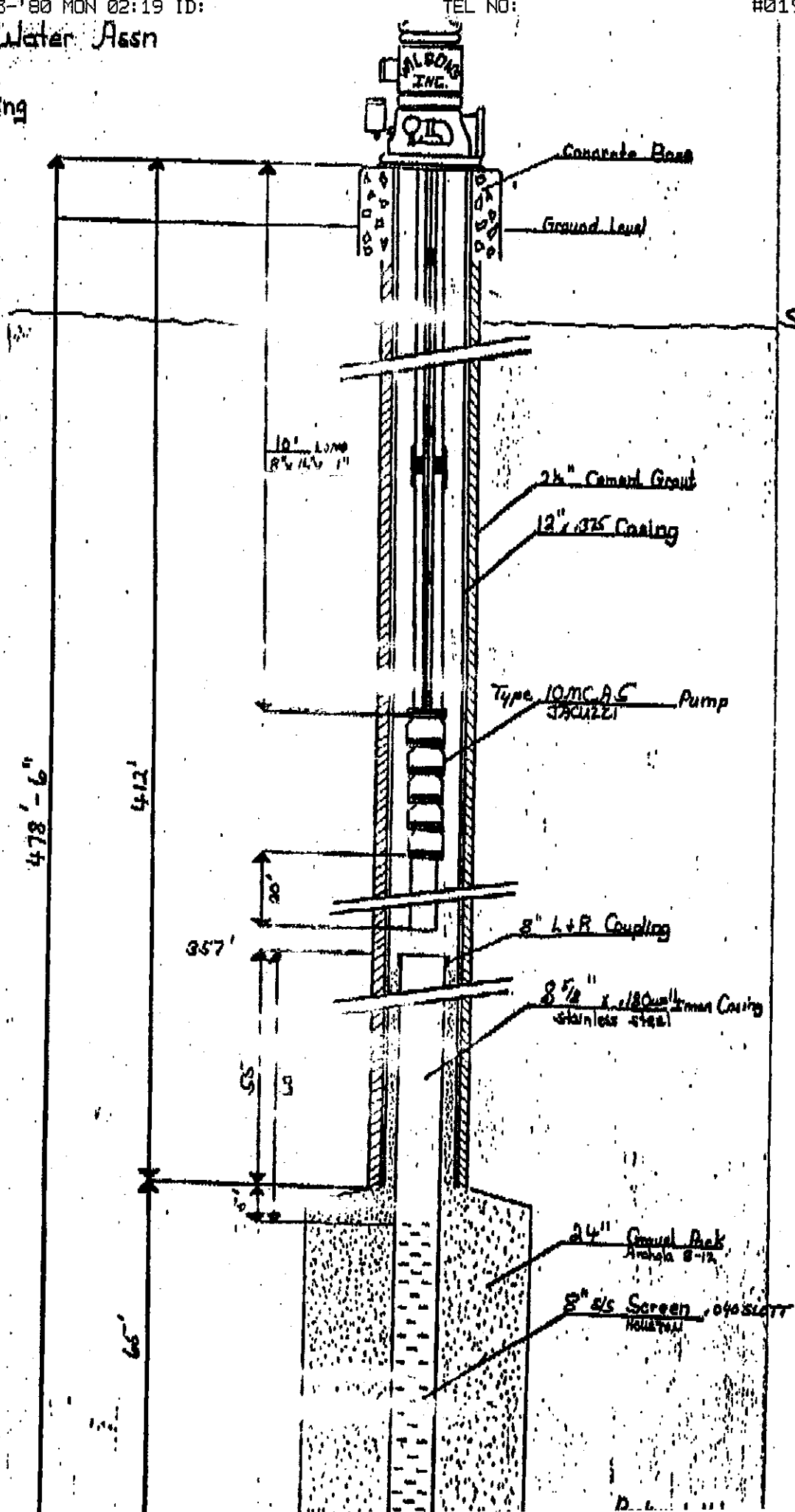
DRILLERS REMARKS:

Lake Water Assn

#3  
built drawing

DeSoto Co.

B62



S.W.L. 133 ft.

478' - 6"

412'

10' Long  
8" x 11 1/2" I"

2 1/2" Cement Grout

12" x .025 Casing

Type 10MCAG Pump  
JACUZZI

20'

8" L+R Coupling

357'

8 5/8" x .010 wall 3mm Casing  
stainless steel

55'

24" Gravel Pack  
Arabola 8-12

8" x 8" Screen  
HOLLAND

65'

D. L. ...

# FORMATION LOG

Soto Co OF THE WELL  
B62



264-8010

NEW CASTLE  
RT. 2, WHITEVILLE, TENN. 38078

STARTED TEST HOLE Feb. 3 1986 FINISHED Feb 7 1986 TEST HOLE NUMBER 1  
LOCATION Horn Lake Water Assn SEC \_\_\_\_\_ T8 \_\_\_\_\_ RANGE \_\_\_\_\_ ELEVATION \_\_\_\_\_

TOTAL DEPTH	THICKNESS EACH STRATUM	FORMATION
20	20	Red Clay
47	27	Green
52	5	Yellow Sand
59	7	Gravel
62	3	White Clay
72	10	Sand
129	57	Blue Clay
133	4	Sand
140	7	Sand w/ clay silt
200	60	Clay white-green
205	3	Sand & Clay
243	40	Clay white & green
274	31	Blue Clay
294	20	Sand
295	1	Clay
329	34	Sand - con
343	14	Clay
356	13	Clay & Sand
393	37	White Sand
400	7	Sand & clay
411	11	White Clay
483	72	White Sand (see log)

TOTAL THICKNESS \_\_\_\_\_

Post-It Fax Note 7671

To: <u>JOHN W. BAIRD</u>	Date _____	# of pages <u>1</u>
Co./Dept. _____	From _____	Co. _____
Phone # _____	Phone # _____	Fax # _____
Fax # <u>(601) 354-6612</u>		

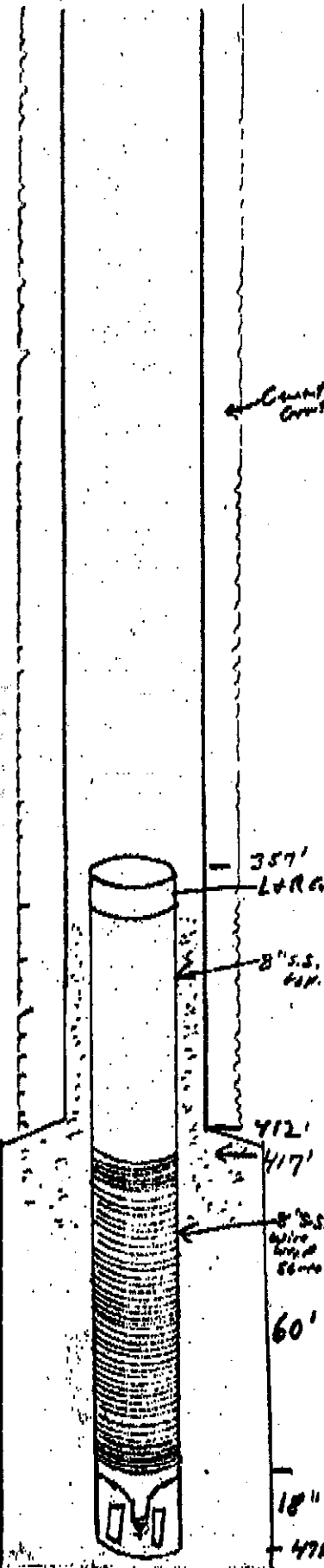
MOD PIT SIZE 6 FT. X 4 FT. X 5 FT. DEEP  
 TYPE BIT USED TO CUT SAND Drop  
 SIZE OF TEST HOLE THROUGH SAND 12"  
 TYPE OF BIT USED TO CUT UPPER INFORMATION 6 1/2  
Open SIZE \_\_\_\_\_  
 TYPE MUD PUMP USED 423 Mission Conti  
 DRILLING PRESSURE IN SAND \_\_\_\_\_  
 TYPE OF MUD USED Boreid Buck Gel

TEST DATA	
PRELIMINARY TEST	FINAL TEST
STATIC WATER LEVEL _____	
PUMPED G.P.M. _____	
PRESSURE POUNDS _____	
DRAWDOWN _____	
GUARANTEED G.P.M. _____	
GUARANTEED PRESSURE _____	
DATE OF TEST _____	

REMARKS \_\_\_\_\_

DRILLER Sam Smith  
 FIELD SUPT. Robert W. Wilson

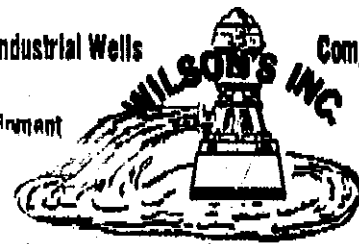
DRAWING OF THE WELL



Municipal - Industrial Wells

Complete Repair Service

Pumping Equipment



Chemical Treating

DeSoto Co  
B62

NEW CASTLE  
RT. 2, WHITEVILLE, TENN. 38075

Ph. 901-254-8010

WELL CONSTRUCTION DATA

CONTRACT NO. \_\_\_\_\_

OUR WELL NO. 1 THEIR WELL NO. 3 IN TEST HOLE NO. 1

LOCATION Horn Lake Water Assn. Plant - Grant Rd

INSTALLED FOR Horn Lake Water Assn.

ADDRESS 4 Lake COUNTY DeSoto STATE Miss

WELL DATA

STARTED 1/26/80 AND COMPLETED 1/26/80

TOTAL DEPTH 472'6" ELEVATION \_\_\_\_\_ STATIC WATER LEVEL 130'

LENGTH SURFACE CASING \_\_\_\_\_ SIZE \_\_\_\_\_ THICKNESS \_\_\_\_\_

CEMENTED WITH \_\_\_\_\_ SACKS CEMENT TYPE PACKER \_\_\_\_\_

LENGTH WELL CASING 412' SIZE 12" WEIGHT \_\_\_\_\_

CEMENTED WITH 366 SACKS CEMENT TYPE PACKER \_\_\_\_\_

INNER CASING LENGTH 60' SIZE 8" WEIGHT \_\_\_\_\_

WITH 4x2" GUIDES LOCATED 405' & 360' TYPE SACKOFF None

LEAK \_\_\_\_\_ BACKPRESSURE VALVE Yes GUIDE Yes

WELL \_\_\_\_\_ SIZE 8" LENGTH 60' OPENING 2540

TYPE \_\_\_\_\_ WITH with CONNECTIONS \_\_\_\_\_

SIZE HOLE DRILLED FOR SURFACE CASING \_\_\_\_\_ WITH \_\_\_\_\_

SIZE HOLE DRILLED FOR WELL CASING 18" WITH Baller Hole Driller

SIZE HOLE DRILLED FOR STRAINER 24" WITH Under Reamer

YARDS OF GRAVEL USED 8' HOW PLACED Timberline

HOW WAS WELL DEVELOPED Air

NOTES: \_\_\_\_\_

RIG USED Cyclone Mud Rotary DRILLER Sam Smith - Jackson

GENERAL

PURPOSE FOR WHICH THIS WATER IS USED Water Dist.

TEMPERATURE \_\_\_\_\_ IS WATER CLEAN Yes CAPACITY \_\_\_\_\_

SAND \_\_\_\_\_ HARDNESS \_\_\_\_\_ PH \_\_\_\_\_ IRON \_\_\_\_\_ N & CL \_\_\_\_\_

TYPE TREATMENT USED \_\_\_\_\_

IS THERE A DERRICK OVER THE WELL \_\_\_\_\_ HEIGHT \_\_\_\_\_ TYPE \_\_\_\_\_

CAP \_\_\_\_\_ Yes

PUMP HOUSE \_\_\_\_\_ SIZE MATCH \_\_\_\_\_

REMARKS \_\_\_\_\_

SIGNED: Rodney D. Wilson