

FORM 9-642 (1-68)

Well No.

L41

WELL SCHEDULE

Permit #3209K

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED

156-A

MASTER CARD

10-2391  
36.0 Hold  
26.22 cut  
9.78  
2.8 mp  
6.98

Record by J.A. Callahan Source of data M2 Na manva SINGER-Layne Date 2/1/72 Map Columbus South

State 44 County 28 (or town) 3 44

Latitude: 33 25 09 N Longitude: 08 82 35 W Sequential number: 2

Lat-long accuracy: 3 T. 19 N. 18 E. Sec 10 NE SE NE

Local well number: L041BD1019S18W Other number: Deep well #2

Local use: 064 Owner or name: #11

Owner or name: HOOKER CHEMICAL Address: EKA Nobel, Inc.

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist N

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other N

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. W

DATA AVAILABLE: Well data  Freq. W/L meas.:  Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling:  Pumpage inventory:  no. period:

Aperture cards:  yes

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 962 ft Meas. 3

Depth cased; (first perf.) 60 ft Casing type: 902; Diam. 16x10 in 16

Finish: (C) porous concrete, (F) gravel w. (G) gravel w. (H) horiz. open (I) screen, (J) gallery, end, (K) perf., (L) sd. pt., (M) shored, (N) open hole, (O) other G

Method Drilled: (A) air rot., (B) bored, (C) cable, (D) dug, (E) hyd jetted, (F) air rot., (G) reverse percussion, (H) trenching, (I) driven, (J) wash, (K) other H

Date Drilled: 763 Pump intake setting: 100 ft

Driller: Layne Central, Memphis

Lift (type): (A) air, (B) bucket, (C) cent., (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot., (J) submerg, (K) turb., (L) other T Deep  Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 100 Trans. or meter no. V

Descrip. MP 170 ft above LSD, Alt. MP 170

Alt. LSD: 1810 Accuracy: CI 20

Water Level: 29.5 ft above below MP; Ft below LSD +30 Accuracy: D

Date meas: 10/11/63 Yield: 0.63 gpm Method determined

Drawdown: 0.63 ft Accuracy: 0.63 Pumping period: 0.63 hrs

QUALITY OF WATER DATA: Iron 0 ppm Sulfate 0 ppm Chloride 0 ppm Hard. 0 ppm

Sp. Conduct 0 K x 10<sup>6</sup> Temp. 0 °F Date sampled 0

Taste, color, etc. 0

Well No. 171

Latitude-longitude N  
S  
d m s d m s

**HYDROGEOLOGIC CARD**

**SAME AS ON MASTER CARD** Physiographic Province: 03 Section: \_\_\_\_\_

Drainage Basin: D 134 Subbasin: \_\_\_\_\_

Topo of well site: (D) (C) (E) (F) (H) (K) (L) (M) (P) (S) (T) (U) (V) \_\_\_\_\_

MAJOR AQUIFER: system \_\_\_\_\_ series K3 aquifer, formation, group CΦ

Lithology: \_\_\_\_\_ Origin: 2 Aquifer Thickness: \_\_\_\_\_ ft

Length of well open to: \_\_\_\_\_ ft Depth to top of: \_\_\_\_\_ ft

MINOR AQUIFER: system \_\_\_\_\_ series \_\_\_\_\_ aquifer, formation, group \_\_\_\_\_

Lithology: \_\_\_\_\_ Origin: \_\_\_\_\_ Aquifer Thickness: \_\_\_\_\_ ft

Length of well open to: \_\_\_\_\_ ft Depth to top of: \_\_\_\_\_ ft

Intervals Screened: \_\_\_\_\_

Depth to consolidated rock: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

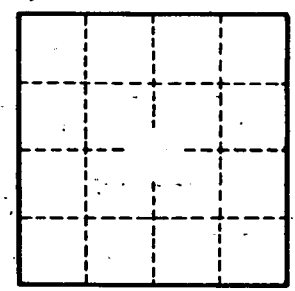
Depth to basement: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

Coefficient Trans: \_\_\_\_\_ gpd/ft Coefficient Storage: \_\_\_\_\_

Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_

*Shutter Screen*



Well No. L 42

6 L41

4-15-64 WATER WELL DRILLERS LOG

Date: 4-15-64 ~~79~~, Driller: Layne-Central Co. County Lowndes  
 (Name)

(1) Owner of Land: Hooker Chem. Corp.  
 (Name)  
Columbus, Miss.  
 (Address)  
 (2) Location: NW 1/4, SE 1/4, Sec 10 T. 19.5 R. 18.1  
 (distance) miles \_\_\_\_\_, of \_\_\_\_\_, of \_\_\_\_\_  
 (direction) (Nearest Town)  
 (3) Topography: \_\_\_\_\_  
 (Hilly) (Flat) (Level)  
 (4) Purpose of Well: industrial  
 (Domestic Irrigation  
 Municipal, Industrial, Other)

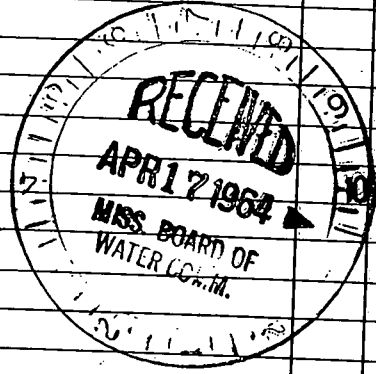
Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
total depth		
968'		
0-8 clay		
8-34 sand-gravel		
34-85 shale		
85-250 sandy shale bldrs.		
250-325 Hard clay		
325-352 sand		
352-456 tough clay		
456-483 sand		
483-492 clay		
492-495 rock		
495-504 clay		
504-593 sand-gravel		
593-620 hard clay		
620-683 shale-sandy st.		
683-860 hard gumbo & boulders		
860-972 sand-gravel		

Information upon completion of well:

(1) Diameter 16 inches.  
 (2) Total Depth 968 feet.  
 (3) Water Level 29' 5" head  
 feet below top of ground.  
 (4) Cased to 893', Size 16"  
 (5) Screen: Size 10", Length 60'  
 (6) Were any formations sealed against pollution?  
X yes, \_\_\_\_\_ no.

If YES depth of formation 893'  
 Why \_\_\_\_\_ required

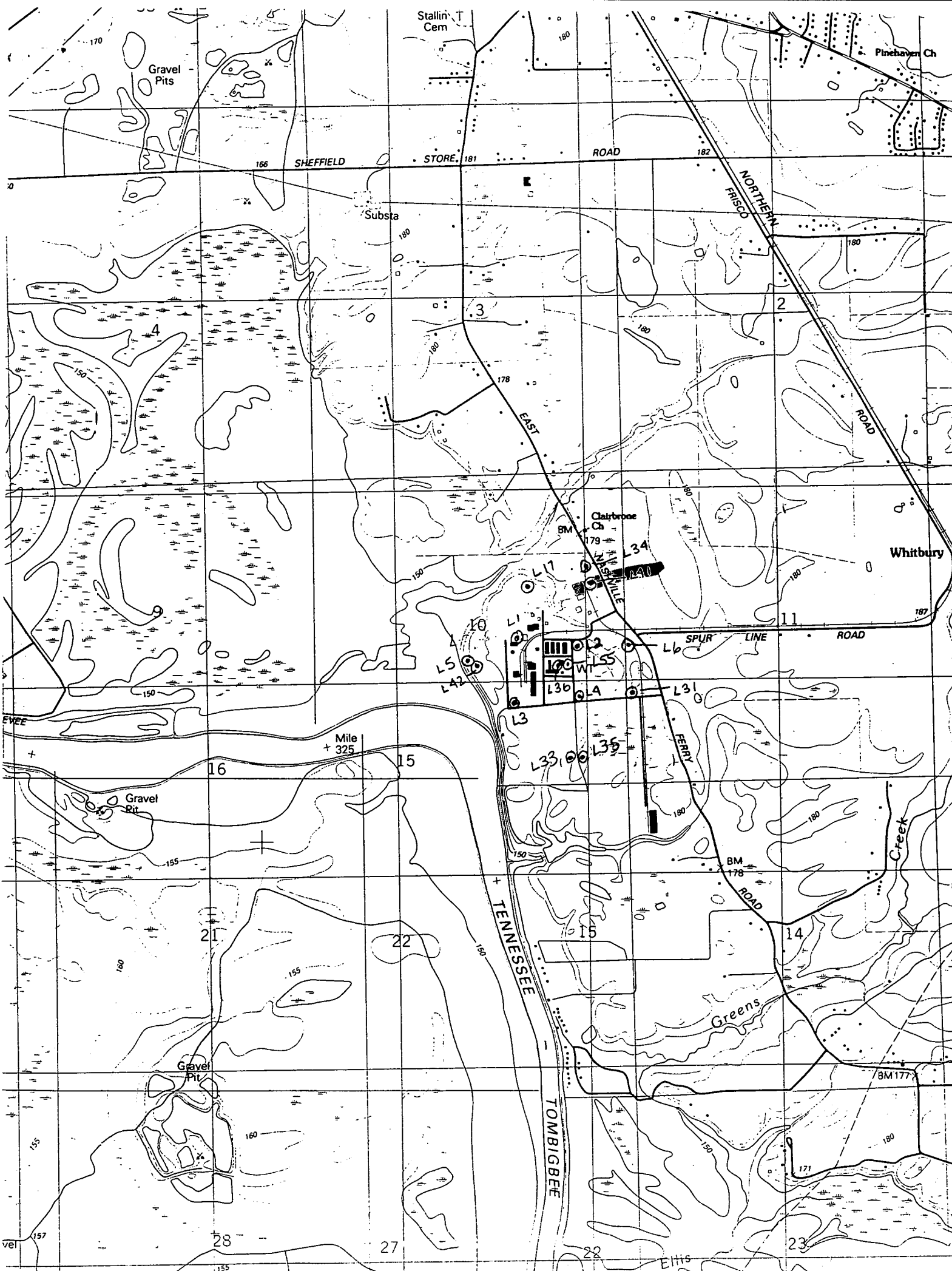
Drillers Remarks: \_\_\_\_\_



Well No.

(Use Back Side)

Mail this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss.



Gravel Pits

Stallin Cem

Pinehaven Ch

166 SHEFFIELD

STORE 181

ROAD

182

NORTHERN  
FRISCO

Substa

3

2

EAST

ROAD

Whitbury

Clairborne

BM 179

34

240

SPUR

LINE

ROAD

11

187

L5

Mile 325

16

15

Gravel Pit

155

21

22

TENNESSEE

15

14

Greens

BM 177

Gravel Pit

160

TOMBIGBEE

150

171

28

27

ELIAS

23

157

155

22