

Well No. L31

FORM 9-1642 (1-68)

WELL SCHEDULE Permit # 3211 OK

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

JAC 2/1/72 McNamee & Sanger, Layne

NOV 11, 1972

UNFINISHED

MASTER CARD

Record by J.S. Source of data Bore Date 1/70 Map Columbus, South

State 25 County 28 (or town) Louder

Latitude: 33 25 09 N Longitude: 08 8 23 35 44 Sequential number: 5

Lat-long accuracy: 3 T. 19 R. 18 Sec. 11 SW, NW, SW

Local well number: L031BC1119S18W Other number: Deep well #14

Local use: 064 Owner or name: at plant.

Owner or name: HOKER CHEMICAL Address: Columbus

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

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, N

Water: (S) (T) (U) (V) (W) (X) (Y) (Z) N

Use of well: (A) (D) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) W

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

Hyd. lab. data:

Qual. water data; type: USGS 4/72

Freq. sampling:  Pumpage inventory:  period:

Aperture cards:

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 94.8 Meas. 3

Depth cased: 60 ft Casing type: Steel Diam. 16x10 in

Finish: (C) porous concrete, (F) gravel w. (per.), (M) gravel w. (screen), (H) horiz. gallery, (I) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other G

Method: (A) air, (B) bored, (C) cable, (D) dug, (H) hyd jetted, (J) air rot., (K) reverse, (L) trenching, (M) driven, (N) drive wash, (O) other H

Date Drilled: 9.6.9 Pump intake setting: 7.0 ft

Driller: Layne Central Memphis Tenn.

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other 7 Deep Shallow

Power (type): (nat) diesel, (elec) gas, gasoline, hand, gas, wind, H.P. 125 Trans. or meter no. V

Descrip. MP 175 ft above below LSD, Alt. MP

Alt. LSD: 174.5 Accuracy: CI 20

Water Level 4 ft above below MP; Ft below LSD 4 Accuracy: D

Date meas: 7.6.9 Yield: 506 gpm Method determined 61

Drawdown: 7.6.9 ft Accuracy: 506 Pumping period 60 hrs

QUALITY OF WATER DATA: Iron 110 ppm Sulfate 6 ppm Chloride 210 ppm Hard. 472 ppm

Sp. Conduct 110 K x 10<sup>6</sup> Temp. 21.0 Date sampled 4.7.2

Taste, color, etc. PH=6.0

10-23-91

14.0 Hold

2.15 cut

11.85

2.9 mp.

8.95 WL

Well No.

W

Well No. L 31

Latitude-longitude \_\_\_\_\_ N  
S  
d m s d m s

STEP 4 11-10-68

**HYDROGEOLOGIC CARD**

**Physiographic Province:** 0:3 **Section:** \_\_\_\_\_

**Drainage Basin:** D **Subbasin:** 13L

**Topo of well site:** (D) depression, (C) stream channel, (E) dunes, (F) flat, (R) hilltop, (K) sink, (L) swamp, (G) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat

**MAJOR AQUIFER:** system \_\_\_\_\_ series K3 aquifer, formation, group C4

**Lithology:** \_\_\_\_\_ **Origin:** 2 **Aquifer Thickness:** 125 ft

**Length of well open to:** 125 ft **Depth to top of:** 835 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:** 10 SS

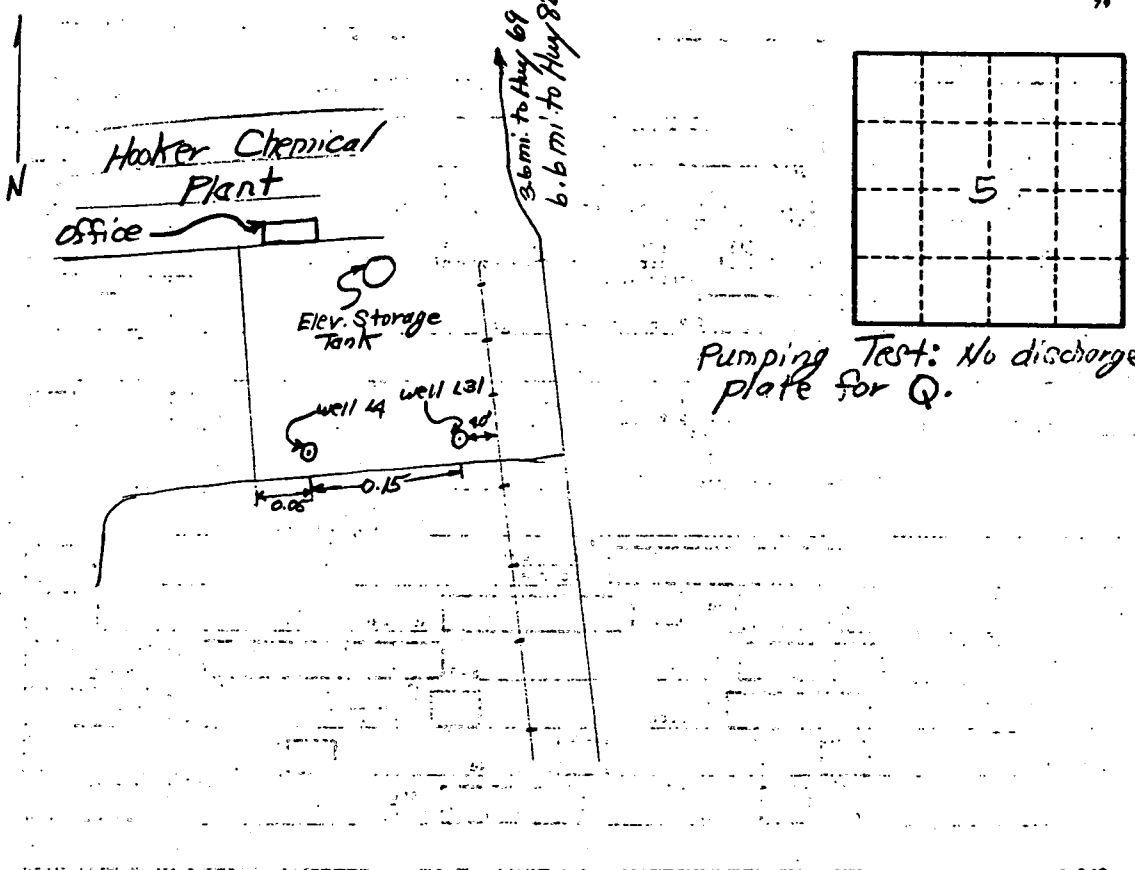
**Depth to consolidated rock:** \_\_\_\_\_ ft **Source of data:** \_\_\_\_\_

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

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

**Coefficient Trans:** \_\_\_\_\_ **Coefficient Storage:** \_\_\_\_\_

**Perm:** \_\_\_\_\_ **Spec cap:** \_\_\_\_\_ **Number of geologic cards:** \_\_\_\_\_



CODED

8/8/69  
2nd report 12/29/69

Lowndes  
L31  
7-11-69

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

WATER WELL DRILLERS LOG

CODED

7-11-1969 Layne-Central Co. Lowndes  
date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
Hooker Chemical Company			
Columbus, Mississippi (mailing address)	Gravel	8-32	
WELL LOCATION: sec. 5 T 19 N R 18 E miles SW of Columbus (distance) (direction) (nearest town)	Hard clay & rock	32-312	
WELL PURPOSE: Industrial (home, irrigation, municipal, industrial)	Sand & clay	312-334	
WELL COMPLETION DATA: (1) diameter (inches) 16"	Gumbo & rock	334-526	
(2) total depth (feet) 954'	Sand & gravel	526-572	
(3) static water level (feet) 4' below above top of ground.	Hard gumbo & rock	572-835	
(4) casing steel 883' (material) (depth) 16" (size) If telescope see back.	Sand & gravel	835-951	
(5) screen 60' 888' (length) (depth to top) 10" stainless shutter (size) (material)	Gumbo	951-960	
(6) pump 125 1500 (HP) (yield gpm) electric (type power)			
(7) electric log (yes or no)			
(organization running log)			
(8) how well bottom plugged			
DRILLERS REMARKS:			

ALL 6

MISS. BD. OF  
WATER C.

