

FORM 9-1642 (1-68)

Well No.

L33

WELL SCHEDULE

Permit # 32107ok

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

MASTER CARD

Record by JA Callahan Source of data M. Hamann Surgeon Layne Bowe Date 2/1/72 Map 156-A Columbus, South State 17 28 County (or town) Loandesi 44

Latitude: 33 25 07 N Longitude: 08 23 57 W Sequential number: 4 Lat-long accuracy: 30 T 19 N 18 E Sec 10 12 degrees 13 min 57 sec 19 S 19 W SE SE SE

Local well number: L033B D1019S 18W Other number: Deep Well #4 B & M

Local use: 064 Owner or name: HOOKER CHEMICAL Address: #13

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist EKA Nobel, Inc 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 P&A 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: [] Log data: []

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 948 ft Meas. 3 Depth cased: 60 ft Casing type: 887 ; Diam. 16X10 in 1.6

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

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

Date Drilled: 9.6.8 Pump intake setting: 5.0 ft

Driller: Layne Central MEMPHIS name address

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 7 Shallow 40

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 125 W Trans. or meter no. 41

Descrip. MP 175 ft above below LSD, Alt. MP 180 Accuracy: CI 20 5

Water Level: 6/25/68 6.68 ft above below MP; Ft below LSD F Accuracy: 52 D

Date meas: 6/25/68 6.68 Yield: 1500 gpm Method determined 61

Drawdown: Accuracy: Pumping period: hrs 68

QUALITY OF WATER DATA: Iron Sulfate Chloride Hard. Sp. Conduct K x 10 Temp. Date sampled

Taste, color, etc.

Check loc. 10-23-91 32.0 hold 24.13 cut 1.87 1.6 MP 6.27 WL

PUNCHED

Well No.

L33

Latitude-longitude _____
N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____

Drainage Basin: D Subbasin: 13L

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

MAJOR AQUIFER: system _____ series K3 aquifer, formation, group Cφ

Lithology: _____ Origin: 2 Aquifer Thickness: _____ ft

Length of well open to: 76 ft Depth to top of: 60 ft 884 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: _____

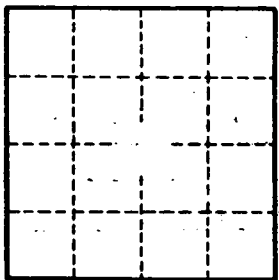
Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____



Well No. L33

Coded

Lowndes
L33
6-68

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

WATER WELL DRILLERS LOG

June 25, 1968 Layne-Central Co. Lowndes
date well completed firm name county well located

LANDOWNER: Hooker Chemical
Company,
Columbus, Mississippi

(mailing address)

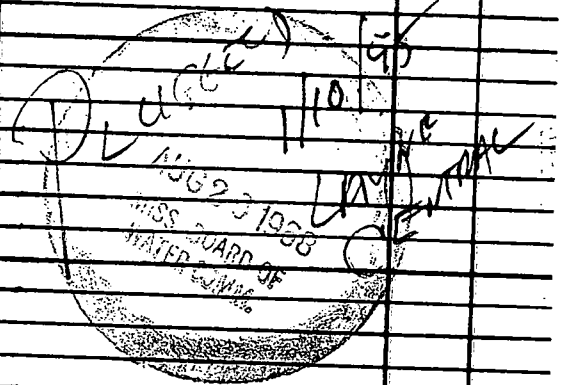
WELL LOCATION:
sec. 10 T. 19 N R. 18 E
miles of (distance) (direction) (nearest town)

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

WELL COMPLETION DATA:

- (1) diameter (inches) 16"
- (2) total depth (feet) 954'
- (3) static water level (feet) flowing below top of ground.
- (4) casing S.S. 883' (material) (depth) 16" (size) If telescope see back.
- (5) screen 60' 887' (length) (depth to top) 10" S.S. shutter (size) (material)
- (6) pump 125 1500 (HP) (yield gpm) electric (type power)
- (7) electric log (yes or no)
- (organization running log)
- (8) how well bottom plugged

description of fomations encountered	from	to
Clay	0-7	
sand & gravel	7-41	
Gumbo & rock st	41-120	
clay, sand st. & boulders	120-215	
hard gumbo	215-338	
sand & shale	338-358	
gumbo & rock st	358-527	
sand & gravel	527-600	
hard clay	600-658	
shale-sand st	658-698	
gumbo-rock st	698-853	
sand-gravel	853-874	
rock	874-876	
hard clay	876-884	
sand-gravel	884-950	
hard gumbo	950-962	
Total Depth 954'		



DRILLERS REMARKS:

