

FILE COPY WELL SCHEDULE

Well No. N 31

Elog # 55

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED
JUN 14 1973

MASTER CARD

Record by: WTO Source of data: Bowc MSGS Date: 5/73 Map: 4/73

State: MISS County (or town): LOWNDES

Latitude: 33° 21' 42" N Longitude: 088° 37' 54" W Sequential number: 1

Lat-long accuracy: 20' T 17' S, R 16' W, Sec 4 NE, SW, SW

Local well number: N 031 CC 04 17 N 16 E Other number: TH. H.

Local use: 064055 Owner or name: UNITED CEMENT Address: _____

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) Ind, (K) P S, (L) Rec, (M) Stock, (N) Instit, (O) Unused, (P) Reprssure, (Q) Recharge, (R) Desal-P S, (S) Desal-other, (T) Other N

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed W

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

Hyd. lab. data: _____

Qual. water data; type: _____

Freq. sampling: _____ Pumpage inventory: yes no period: _____

Aperture cards: _____

Log data: Elog 10'-1771'

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1137 ft Meas. rept: 3

Depth cased: (first perf.) 1067 ft Casing type: _____; Diam. 16x8 in

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

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

Date Drilled: 3-20-73 Pump intake setting: 973 ft

Driller: Layne Jackson

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): nat, diesel, elec, gas, gasoline, hand, gas, wind; H.P. 50 Trans. or meter no. _____

Descrip. MP 280 ft above LSD, Alt. MP _____

Alt. LSD: 275 Accuracy: (source) topo

Water Level: _____ ft above MP; _____ ft below LSD Accuracy: _____

Date meas: 573 Yield: _____ gpm Method determined: _____

Drawdown: _____ ft Accuracy: _____ Pumping period: _____ hrs

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

Sp. Conduct _____ K x 10 6 Temp. _____ °F Date sampled: _____

Taste, color, etc. _____

was not measured in 1987?
10/4/78
wt: 138.

65004
130
6-11-51

290
150
130

Well No.

Well No. _____

WELL SCHEDULE

Latitude-Longitude _____

HYDROGEOLOGIC CARD

SAME AS MASTER CARD

Physiographic Province: _____

013 Section: _____

D Drainage Basin: _____

132 Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: K3 aquifer, formation, group G0

Lithology: S Origin: 2 Aquifer Thickness: 100 ft

Length of well open to: 70 ft Depth to top of: 1060 ft

MINOR AQUIFER: _____ 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: _____

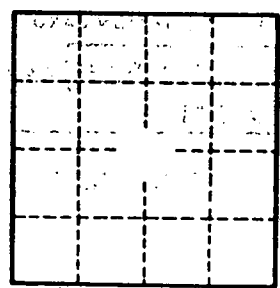
Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

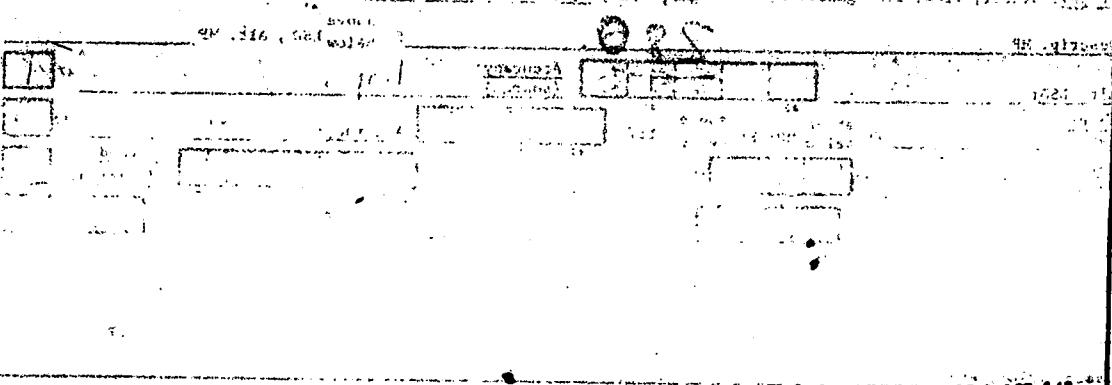
Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

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

Pumping test by Layne reported by D. Goodman T = 106,223



well not made in coke because sufficient water avail in Gordo



LOWNDES Co.
 N31
 Log #55

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

CODED

WATER WELL DRILLERS LOG

5-1 1973 Singer Lumber Central Div. Lowndes
 date well completed firm name county well located

LANDOWNER:
 United Cement Co.
 Artesia, Miss
 (mailing address)

WELL LOCATION:
 sec. 4 T. 17 N R. 16 E
 (distance) miles (direction) of (nearest town)

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

- WELL COMPLETION DATA:
- (1) diameter (inches) 16"
 - (2) total depth (feet) 1143
 - (3) static water level (feet) 115' below top of ground.
 - (4) casing Steel 1060' (material) (depth)
 16" If telescope see back.
 (size) 64" 11" 8" 8"
 - (5) screen 70' 1067' (length) (depth to top)
 8" Stainless Steel (size) (material)
 - (6) pump 50 500 (HP) (yield gpm)
 Electric (type power)
 - (7) electric log yes (yes or no)
 Miss. Geo. Survey (organization running log)
 - (8) how well bottom plugged Valve

description of formations encountered	from	to
Red Clay	0	6
Lime	6	490
Clay, Sand	490	546
Shale, Sand & Trunk	546	600
Sandy Shale	600	624
Hard Shale	624	652
Sandy Shale	652	676
Sand & Shale, Trunk	676	725
Fine Sand Shale	725	756
Hard Shale & Lime	756	859
Sand & Shale, Trunk	859	921
Hard Shale	921	996
Sand & Shale	996	1010
Hard Shale	1010	1055
Sand	1055	1136
Sand & Shale	1136	1172
Hard Shale & Gravel	1172	1217
Hard Shale, Red Sand & Shale	1217	1291
Sand & Shale, Trunk	1291	1299
Sand	1299	1317
Hard Shale, Lime & Trunk	1317	1427
Gummy Shale	1427	1431
Rock	1431	1433
Hard Gummy Shale	1433	1461
Hard Shale, Sand & Trunk	1461	1480
Hard Sand, Shale, Gravel	1480	1526
Shale & Gravel	1526	1539
Sandy Shale	1539	1570
Sand & Shale	1570	1635
Sandy Shale	1635	1702
Sandy Shale	1702	1770

DRILLERS REMARKS:

NOV 11 1973

MISS. Bd. of Water

CRAWFORD WEST QUADRANGLE
MISSISSIPPI
7.5 MINUTE SERIES (TOPOGRAPHIC)

155C
LOWNDES
3250 1 NE
(BENT OAK)

SW/4 ARTESIA 15' QUADRANGLE

344 R 15 E R 16 E 40' 346 8 MI. TO U. S. 82 & MISS. 12 ARTESIA 3.3 MI. 560000 FEET 348 88° 37' 30" 33° 22' 30"

