

WRD Exp. (GW)
April 1966

6W01684
0610001-01

Well No.

N27

7/31/96

WELL SCHEDULE
GEOLOGICAL SURVEY

Elog #224

U. S. DEPT. OF THE INTERIOR

WATER RESOURCES DIVISION

MASTER CARD

Record by: WTR Source of data: MSGs Date: 6/69 Map: Johns
 State: 28 County (or town): Rankin 61
 Latitude: 32¹ 14² 29³ N⁴ Longitude: 08¹² 94¹³ 64¹⁴ 1¹⁵ Sequential number: 1
 Lat-long accuracy: 2¹⁶ T. 5¹⁷ S. R. 5¹⁸ W. Sec. 27¹⁹ NE 1²⁰ NW 3²¹ SW 1²² SE/SW/NW/NE
 Local well number: NO 27 B C 2705 NOSE Other number:
 Local use: 197224 Owner or name: ACL Water Assoc
 Owner or name: ACL WA Address: CROSS ROADS

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) P S, (K) Rec, (L) Stock, (M) Instit, (N) Unused, (O) Repressure, (P) Recharge, (Q) Desal-P S, (R) Desal-other, Other AB
 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: yes
 Log data: Elog 10' - 1287' SPRT DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1320 ft Meas. rept. accuracy 3
 Depth cased (first perf.): 1760 ft Casing type: 8x6 in Diam. 8
 Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) other, (K) other, (L) other, (M) other, (N) other, (O) other, (P) other, (Q) other, (R) other, (S) other, (T) other, (U) other, (V) other, (W) other, (X) other, (Y) other, (Z) other
 Method: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd, (F) jetted, (G) air rot., (H) percussion, (I) rotary, (J) air, (K) reverse, (L) trenching, (M) driven, (N) drive wash, (O) other
 Date Drilled: 6/69 9/69 Pump intake setting: ft
 Driller: Barnes Drilling Co.
 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, (M) other, (N) other, (O) other, (P) other, (Q) other, (R) other, (S) other, (T) other, (U) other, (V) other, (W) other, (X) other, (Y) other, (Z) other
 Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P., (I) other
 Descrip. MP 470' above ft below LSD. Alt. MP
 Alt. LSD: 490 Accuracy: (source) topo
 Water Level: 250 ft above below MP; ft above below LSD Accuracy:
 Date meas: 6.6.9 Yield: 250 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 10⁶ Temp. °F Date sampled

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

Well No.

N27

HYDROGEOLOGIC CARD

NAME AS ON MASTER CARD _____ Physiographic Province: _____

Section: 03

Drainage Basin: D Subbasin: 137

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

System: _____ series: TIE aquifer, formation, group: SPRT

Origin: S Aquifer Thickness: 55 ft

Length of well open to: 48 ft Depth to top of: 1153 ft

System: _____ series: _____ aquifer, formation, group: _____

Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft

Source of data: _____

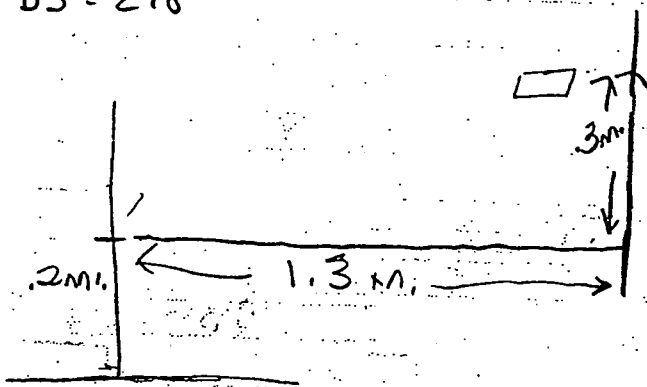
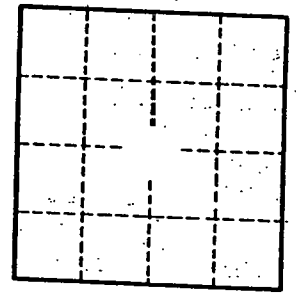
Infiltration characteristics: _____

Coefficient Storage: _____

Spec cap: _____ gpm/ft; Number of geologic cards: _____

ISBOW (1971)
 PH = 7.1
 Fe = 0.5
 stor = 0
 DS = 278

16-23-1980
 NO WAY TO MEASURE
 W.L. WITH PRESENT
 SET UP.



WL = 273 (12)
 311 (88)
 6/10/88

UP-DATED

Well No. 027

RANKIN
N 27
6-13-69
MGS

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

CODED
CODED

WATER WELL DRILLERS LOG

6/13 - 1969 Barneo Drilling Rankin
date well completed firm name county well located

LANDOWNER: A. C. L. Water Association
(mailing address)

WELL LOCATION:
sec 27 T 5 N R 5 E
6 1/2 miles South of Pelahatchie
(distance) (direction) (nearest town)

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

WELL COMPLETION DATA:
(1) diameter (inches) 8"
(2) total depth (feet) 1320
(3) static water level (feet) 250 below top of ground.
(4) casing 8" material, 1100 depth, 8" size If telescope see back.
(5) screen 40 feet length, 1160 depth to top, 6 in. size, Stainless Steel material.
(6) pump 40 HP, 920 yield gpm, Elect. type power.
(7) electric log yes (was or no), MGS organization running log.
(8) how well bottom plugged Back wash Valve

description of formations encountered	from	to
Red Sandy	0	30
Water sand	70	85
light Gray Clay	45	120
Sand	10	130
Rock	2	132
Sand	10	142
Sand + Shell	138	280
100% Clay	340	620
Muddy Branch	24	644
sand	26	670
shell	14	684
Sand	124	808
Sand + Shell	42	850
sand good	12	862
sand fine	60	922
shell	30	952
sand	18	970
shell	182	1052
Rock + sand	90	1142
shell + sand	10	1152
sand	6	1158
shell	44	1202
Sand	28	1230
shell	30	1260
sand	60	1320

DRILLERS REMARKS: Drill By John H. Barneo

JAN - 5 1970

MISS. BD. OF
WATER COMMISSIONERS

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hardin/Phillips DATE: 7/31/96

UNIT DEQ #: _____ FILE #: A0731178

HEALTH DEPT. #: 610001-01 ELEV. 470'

USGS #: N-27' OLWR #: GW01684

OWNER: ACL W.A. QUAD: Johns

LOCATION: NW/NE S 27 T 5N R 5E COUNTY: Rankin

LOCATION DESCRIPTION: On west side of Hwy 43 just south
of Crossroads Rd & Cross Roads Church

CASING DIA: _____ PUMP TYPE & SIZE: Turbine / 40 HP

GPS FIELD LOCATION: LAT. 32° 14.877' N LONG. 89° 46.250' W

GPS CORRECTED LOCATION: LAT. 32.24795945 LONG. 89.77138345

REMARKS: Measured 50' east of well.
Well no longer used

GPS

JOHNS QUADRANGLE
MISSISSIPPI-RANKIN CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

3048 1SW
(MORTON)

