

Recorded by WV
Date 1/19

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT
WELL RECORD

Well No. H 38
E-Log No. 80
County LOWNDES

Site ID 33,255,308,81,63,40,1 R=0* T=A* 2=W*

Data reliab. 3=C Report agency 4=USGS Dist. 6=28 7=28 Co. 8=0,8,7

Lat. 27 18 Long. 9=33,255,8 10=0,8,8,1,6,3,4 Well No. 12=H,0,3,8

NE Location 13=NE SW 33 T 1 S R 17 W Alt. 16=279 290

Hyd. Unit (OWDC) 20= Date 21=1,2,0,1,1,9,7,8

Well use 23=W Water Use 24=P Hole depth 27=930 Well depth 28=510

WL 30=1,0,6 Date 31=0,2,1,0,1,1,9,8,0 Source 33=D

Status 273= Project No. 5=

GEN. SITE DATA

OWNER

R=158* T=A* Date 159# 0,2,1,0,1,1,9,8,0 Owner No. Well #2

Owner 161= EAST LOWNDES W A

FIELD OW

R=192* T=A* Date 193# Temp. 196#00010 197=

R=192* T=A* Date 193# Cond. 196#00095 197=

R=192* T=A* Date 193# pH 196#00400 197=

CONSTR.

R=58* T=A* 59# 1 Date 60=0,2,1,0,1,1,9,8,0 Remarks

Drlg. 63=3,3,0 Name Herndon Well Method 65=H Finish 66=

CASING

R=76* T=A* 59# 1

Top csgn. 77# 0 Bot. csgn. 78=440 Diam. 79# 1,6

R=76* T=A* 59# 1

Top csgn. 77# 390 Bot. csgn. 78=440 Diam. 79# 1,0

OPENINGS

R=82* T=A* 59# 1 Top 83# 440 Bottom 84=510

Type 85=S Diam. 87=1,0 Size 88=

R=82* T=A* 59# 1 Top 83# Bottom 84=

Type 85= Diam. 87= Size 88=

YIELD

R=146 T=A* 147# 1 Q 150=1,0,0,1 Q/S 272=

134 flows 146 pumped

H-38
290.00
127.40
162.60

H-37
275.00
99.15
175.85

R-42* T- A * Life type: 43* T-1* Intake: 44- 29.81* Power type: 45- E-1*
 Date: 38- 02/10/17 1980* H.P. 46- 100.0*

LOGS
 R-198* T- A * Log 199# D-1* Top 300- Bot 201- 930.0*
 R-198* T- A * Log 199# E-1* Top 200- Bot 201- 930.0*
 R-189* T- A * E Log No. 190# 080* 191- N I S S D I S T *

ANAL.
 R-114* T- A * Test 115# Type 120-
 R-90* T- A * 256# 1.1* Top 91- 440.0* Bot 92- 510.0*

AQUIFERS
 Unit ID 93- 21 150RD * Name of Unit: *
 R-90* T- A * 256# 1.1* Top 91- 440.0* Bot 92- 510.0*
 R-90* T- A * 256# 1.1* Top 91- * Bot 92- *
 Unit ID 93- * Name of Unit: *

HYDRAULICS
 R-98* T- A * 99# 1.1* Unit tested 100- *
 R-105* T- A * 99# 1.1* Test No. 106# *
 107- * Transmissivity (gal/d)/ft. 103- *
 108- * Hydraul. cond. (gal/d)/ft. 2
 110- * Storage coeff. Boundaries

R=121* T= * Begin 122# * Network 258- *

Water Level Data Collection (1)

FILE COPY

Static WL = 101'
 Pumping WL = 126 @ 3 hrs.
 This well had 12 hrs lead to recovery. 12/16/87 135.00
 129.48
 5.60

8/11/87 DD: 25' @ 237 gpm = 9.5 gpm/ft. 127.40

135.00
 133.35
 121.65
 1.50
 120.15
 Questionable

description of formations encountered	to	from
Surface Casing	0	12
Blue Gumbo	12	30
Streaked Gumbo & Sand	30	60
Blue Gumbo	60	120
Streaked Gumbo & Sand	120	150
Blue Gumbo	150	180
Streaked Gumbo & Sand	180	240
Sand	240	270
Sand & Gumbo	270	300
Gumbo	300	360
Sand & Gumbo	360	390
Gumbo	390	420
Streaked Sand & Gumbo	420	450
Sand & Gravel	450	470
Sand	470	500
Sand & Gumbo	500	530
Streaked Gumbo & Sand	530	570
Streaked Gumbo & Sandy Pink Gumbo	570	600
Sand & Pink Gumbo	600	630
Pink Gumbo	630	660
Blue & Pink Gumbo	660	690
Gumbo	690	720
Streaked Gumbo & Sand	620	780
Sand	780	870
Pea Gravel & Sand	870	900
Sand	900	920
Gumbo	920	930

DEPT. OF NATURAL RESOURCES
 BUREAU OF LAND & WATER RESOURCES

1980
 ID

$$\begin{array}{r} 440 \\ 290 \\ \hline -150 \\ \hline \end{array} \quad \begin{array}{r} 510 \\ 290 \\ \hline -220 \\ \hline \end{array}$$

H-38

screened interval

-150 to -220

$$\begin{array}{r} 460 \\ 275 \\ \hline -185 \\ \hline \end{array} \quad \begin{array}{r} 530 \\ 275 \\ \hline -255 \\ \hline \end{array}$$

H-37

screened interval

-185 to -255

LOWNDES
H 38
02/80
F. V. 80

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

CODED

WATER WELL DRILLERS LOG

February 19 80 Herndon Well & Supply, Inc. Lowndes
date well completed firm name county well located

LANDOWNER: East Lowndes Water Well #2 Association, Inc. P. O. Box 2072, Columbus, MS 39701 (mailing address)	description of formations encountered	from	to
WELL LOCATION: sec. 33 T18 S R 17 W 5 miles S E of Columbus (distance) (direction) (nearest town)	Surface Casing	0	12
	Blue Gumbo	12	30
WELL PURPOSE: Municipal (home, irrigation, municipal, industrial)	Streaked Gumbo & Sand	30	60
	Blue Gumbo	60	120
WELL COMPLETION DATA: (1) diameter (inches) 16" x 10" (2) total depth (feet) 510' (3) static water level (feet) 106 below top of ground. (4) casing Steel 440' (material), (depth), 16" (size) if telescope see back. (5) screen 70' 440' (length), (depth to top) 10" Bar-Weld (size), (material) (6) pump 100 (HP) 1001 (yield gpm) Electric (type power) (7) electric log yes (yes or no) U.S. Geological Survey? (organization running log) (8) how well bottom plugged 6" BWV	Streaked Gumbo & Sand	120	150
	Blue Gumbo	150	180
DRILLERS REMARKS:	Streaked Gumbo & Sand	180	240
	Sand	240	270
DEPT. OF NATURAL RESOURCES BUREAU OF LAND & WATER RESOURCES FEB 21 1980 RECEIVED	Sand & Gumbo	270	300
	Gumbo	300	360
CODED	Sand & Gumbo	360	390
	Gumbo	390	420
DEPT. OF NATURAL RESOURCES BUREAU OF LAND & WATER RESOURCES FEB 21 1980 RECEIVED	Streaked Sand & Gumbo	420	450
	Sand & Gravel	450	470
DEPT. OF NATURAL RESOURCES BUREAU OF LAND & WATER RESOURCES FEB 21 1980 RECEIVED	Sand	470	500
	Sand & Gumbo	500	530
DEPT. OF NATURAL RESOURCES BUREAU OF LAND & WATER RESOURCES FEB 21 1980 RECEIVED	Streaked Gumbo & Sand	530	570
	Streaked Gumbo & Sandy Pink Gumbo	570	600
DEPT. OF NATURAL RESOURCES BUREAU OF LAND & WATER RESOURCES FEB 21 1980 RECEIVED	Sand & Pink Gumbo	600	630
	Pink Gumbo	630	660
DEPT. OF NATURAL RESOURCES BUREAU OF LAND & WATER RESOURCES FEB 21 1980 RECEIVED	Blue & Pink Gumbo	660	690
	Gumbo	690	720
DEPT. OF NATURAL RESOURCES BUREAU OF LAND & WATER RESOURCES FEB 21 1980 RECEIVED	Streaked Gumbo & Sand	620	780
	Sand	780	870
DEPT. OF NATURAL RESOURCES BUREAU OF LAND & WATER RESOURCES FEB 21 1980 RECEIVED	Pea Gravel & Sand	870	900
	Sand	900	920
DEPT. OF NATURAL RESOURCES BUREAU OF LAND & WATER RESOURCES FEB 21 1980 RECEIVED	Gumbo	920	930

