

GPSD 7/29/97
DH/PP

GW00820
DON # 0070017-01

GW820

WRD Exp. (GW)
April 1966

Well No.

B12

✓ Jo

CODED

WELL SCHEDULE

E-109*40

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED and VERIFIED
ROLLA CURRICULUM BRANCH

MASTER CARD

Record by C. Yarnup Source of data MSGs 109 Date 6-18-68 Map SAREPTA 92-D

State Mississippi County Calhoun Sequential number 07

Latitude: 34° 07' 08" N Longitude: 089° 18' 28" W

Local well number: B012 DC/6/1501 W

Local use: 002040 070 26 Owner or name: Sarepta Wtr. Assoc. #1

Owner or name: MT COMFORT WA Address: Well #4

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

Use of water: (S) (T) (U) (V) (W) (X) (Y) (Z) Z

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: MSBON 4/70 / USGS 12/70

Freq. sampling: Pumpage inventory:

Aperture cards:

Log data: E-109 190-1887 ft. Sampler.

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well: 1887 ft Meas. 3

Depth cased; (first perf.): 1847 ft Casing type: Steel Diam. 8x7xL in

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

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

Date Drilled: 4-10-68 Pump intake setting: 968 ft

Driller: Robert Raliff Drk. Co. Grenada, Miss address Subm.

Lift (type): (A) air, (B) bucket, (C) cent. jet, (D) multiple, (E) multiple, (F) nose, (G) piston, (H) rot., (I) submerg, (J) turb., (K) other

Power (type): (A) diesel, (B) elec, (C) nat gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P., (I) LP, (J) Trans. or meter no.

Descr. MP 412 #0430 (10/89) - above ft below LSD. Alt. MP

Alt. LSD: 450 Accuracy: G.L.

Water Level: 212 ft above MP; 212 ft below LSD Accuracy:

Date meas: 070 Yield: 150 gpm Method determined

Drawdown: 1 ft Accuracy: 1 hr Pumping period

QUALITY OF WATER DATA: Iron 1100 ppm Sulfate 5 ppm Chloride 305 ppm Hard. 1

Sp. Conduct 1100 K x 10⁶ Temp. 30.5 F Date sampled 12-3-70 D70

Taste, color, etc. well pump some sand (1970)

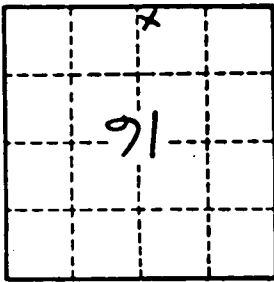
5/30/91
190.00
13.65
176.35
-2.20 mP
174.15
DH/JE

Well No. B12

Well No. 1512

K3
K3AM 1336'
K3EM 1450'
K3MS 1692'
K3GF 1747'
1775'

Red clay 0-60 ft
Sand shale 60-90
Shale 90-731
Sandy shale 731-793
Shale 793-1004
Sandy shale 1004-1095
Shale 1095-1452
Sandy shale 1452-1705
Sand shale 1705-1738
Shale 1738-1805
Sand 1805-1845
Sand & gravel 1845-1867



San Smith Cr.
6,000 gal ground tank
population around
350 (108 mature)

See sheet for location

510 ft of 8-inch casing
2.7' sand core
337 ft of 7-inch casing
30 ft of 7-inch log & pipe
90 ft of 6-inch screen

HYDROGEOLOGIC CARD

PHYSIOGRAPHIC PROVINCE: [D] Drainage Basin: [D]

TOP OF DEPRESSION, STREAM CHANNEL, DUNES, FLAT, HILLOP, SINK, SWAMP, OFFSHORE, PEDIMENT, HILLSIDE, TERRACE, UNDULATING VALLEY FLAT

MAJOR AQUIFER: [K3] MINOR AQUIFER: [35]

LITHOLOGY: [35] Length of well open to: [40] Depth to top of: [1842] Top of: [A34]

LITHOLOGY: [36] Length of well open to: [40] Depth to top of: [1887] Top of: [40' x 6" 55 section]

DEPTH TO CONSOLIDATED ROCK: [40] Source of data: [40] DEPTH TO BASEMENT: [40] Source of data: [40]

SURFICIAL MATERIAL: [40] Infiltration characteristics: [40]

COEFFICIENT OF TRANSMISSION: [1.43] Storage coefficient: [40]

PERM: [390] Rpd/ft: [390] Spec cap: [2.55] Rpd/ft: [2.55] Number of geologic cards: [40]

Latitude-Longitude: []

Section: [0.3]

7-169

Calhoun
B 12
7-68

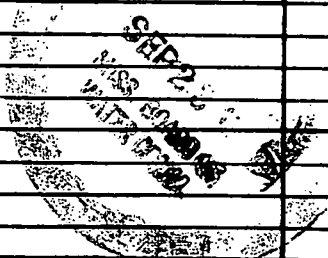
MISSISSIPPI
BOARD OF WATER COMMISSIONERS
416 North State Street
Jackson, Mississippi 39201

CODED

WATER WELL DRILLERS LOG

Miss. Reg. No.
 July 1968, 19 Robert E. Kattlyll Calhoun
 (date well completed) (firm name) (county well located)

LANDOWNER:	description of formations encountered	from	to
<u>Water Assn, Inc</u>	<u>red clay</u>	<u>0</u>	<u>60</u>
<u>Bruce Miss.</u>	<u>sand</u>	<u>60</u>	<u>90</u>
(mailing address)	<u>shale</u>	<u>90</u>	<u>731</u>
WELL LOCATION:	<u>sandy shale</u>	<u>731</u>	<u>793</u>
sec <u>16</u> T <u>11</u> N R <u>1</u> E	<u>shale</u>	<u>793</u>	<u>1004</u>
<u>8</u> miles <u>SW</u> of <u>Bruce</u>	<u>sandy shale</u>	<u>1004</u>	<u>1095</u>
(distance) (direction) (nearest town)	<u>shale</u>	<u>1095</u>	<u>1482</u>
WELL PURPOSE:	<u>sandy shale</u>	<u>1482</u>	<u>1705</u>
(home, irrigation, municipal, industrial)	<u>sand</u>	<u>1705</u>	<u>1738</u>
WELL COMPLETION DATA	<u>shale</u>	<u>1738</u>	<u>1805</u>
(1) diameter (inches) <u>8x7x6</u>	<u>sand</u>	<u>1805</u>	<u>1845</u>
(2) total depth (feet) <u>1887</u>	<u>sand & gravel</u>	<u>1845</u>	<u>1887</u>
(3) static water level (feet) <u>220</u> ^{below} above top of ground			
(4) casing <u>st. 510' x 8"</u>			
(material) (depth)			
<u>1337' x 7"</u>			
(size) if pielescope see back.			
(5) screen <u>40</u> <u>1847</u>			
(length) (depth to top)			
<u>6"</u> <u>st. steel</u>			
(size) (material)			
(6) pump <u>30</u> <u>150</u>			
(HP) (yield gpm)			
<u>electric</u>			
(type power) (KGS #40)			
(7) electric log <u>yes</u>			
(yes or no)			
<u>M. G. Survey</u>			
(organization running log)			
(8) how well bottom plugged <u>BPI</u>			
DRILLERS REMARKS:			



DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hardin/Phillips DATE: 7/29/97

UNIT DEQ #: _____ FILE #: B072922B

HEALTH DEPT. #: 070017-01 ELEV. 425

USGS #: B12 OLWR #: GW820

OWNER: Mt. Comfort WA/Sarepta QUAD: Sarepta

LOCATION: SW/SE S.16 T.11S R.1W COUNTY: Calhoun

LOCATION DESCRIPTION: On Hwy 9 just south of intersection
with CR 1654 151

CASING DIA: _____ PUMP TYPE & SIZE: Submersible

GPS FIELD LOCATION: LAT. 34°07'07.4"N LONG. 89°18'14.9"W

GPS CORRECTED LOCATION: LAT. 34.118873 LONG. 89.30413328

REMARKS: Measured 15' east of well

