

WRD Exp. (GW)
April 1966

Well No. _____

WELL SCHEDULE

E-Log 30

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

23 N 9 E S 13

MASTER CARD

Record by P.E. Grantham Source of data Drly. + E Log Date 10-26-66 Map _____

State Mississippi County Calhoun

Latitude: 33 51 16 N Longitude: 089 24 47 Sequential number: 1

Lat-long accuracy: 2 T. 23 R. 18 Sec 13 SE, SE, SW

Local well number: J 0 0 7 d C 1 3 2 3 N 0 9 E Other number: _____

Local use: 00 20 30 Owner or name: Big Creek Water Asso

Owner or name: B I G C R E E K W A Address: Big Creek, Miss

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

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, water: _____

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed W

Stock, Inactit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other P

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

Hyd. lab. data: _____

Qual. water data; type: M36048/67 USGS 3-22-67

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

Aperture cards: _____

Log data: Dr log 0-2412' E-log 244-2396 Partial Sample

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 2384 ft Meas. accuracy 3

Depth cased: 2366 ft Casing type: _____; Diam. 10, 6 in 1, 0

Finish: porous concrete, gravel v. concrete, gravel v. (perf.), (screen), gallery, end, horiz. open perf., screen, sd. pt., shored, open hole, other S

Method: Air bored, cable, dug, hyd jetted, rot., air percussion, rotary, reverse trenched, driven, drive wash, other H

Date Drilled: 10-66 9:6:6 Pump intake setting: _____ ft _____

Driller: Robert Rolliff Grenada, Miss

Lift (type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other 7 Deep Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 15 20 Trans. or meter no. Y

Descrip. MP 1/4" hole in steel plate 1.80' 275 (10/89) ft below LSD, Alt. MP above

Alt. LSD: 295 295 accuracy: (source) Topo

Water Level 55.60 ft below MP; Ft below LSD 61 Accuracy: _____

Date meas: 11/66 5 7 1 Yield: 180 gpm 180 Method determined _____

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

QUALITY OF WATER DATA: Iron 0.55 Sulfate 0.4 Chloride 418 Hard 68

Sp. Conduct 1650 K x 10⁶ 5 Temp. 35.0 Date sampled 5 7 1

Taste, color, etc. Good but hot

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

Well No.

5

861

Well No. J1

Latitude-longitude _____
d m s d m s

HYDROGEOLOGIC CARD

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

Drainage Basin: D Subbasin: 156

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

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

Lithology: _____ Origin: 2 Aquifer Thickness: _____ ft

Length of well open to: 56 ft Depth to top of: 40 ft 2336 ft B34

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: 2366' - 2406' 6", .020" SS

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

Depth to basement: _____ ft Source of data: _____

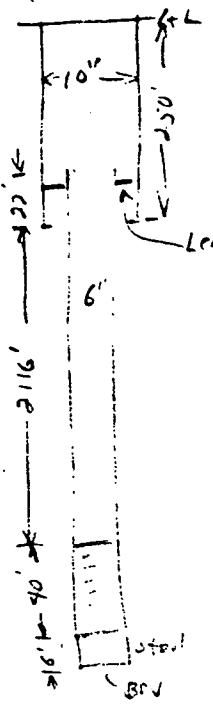
Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

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

S.A. McCabe, Pres. of Big Creek W.A.

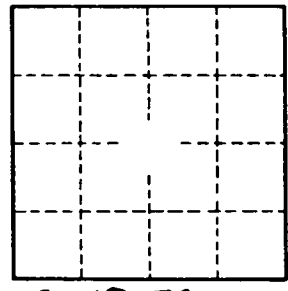
250' of 10" casing, welded 1. 6" and cemented
 40' of 6" SS screen, .020"
 6' of tailpipe.



WL 58' 1966
 W.L. measurement
 3-22-67
 60.00
 - 4.40
 55.60
 - 1.80
 53.80' GL

WL = 54' (1967)
 WL = 61' (1971)

- K3AM 1516'
- K3EM 1616'
- K3MS 1856' ?
- K3Gφ 1949'
- K3Cφ 2210'



3-15-72
 No WL + No Pumping Test

old Hwy 8 → Colham City → 5 mi

Sam Smith, Eng.
 6,000gal tank
 115 meters

Calhoun
 II
 1-67
 Elec Log

05378

Coded

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

CODED

CODED

WATER WELL DRILLERS LOG

Jan 1967 date well completed
 Robert E. Latuff firm name
 Calhoun county well located

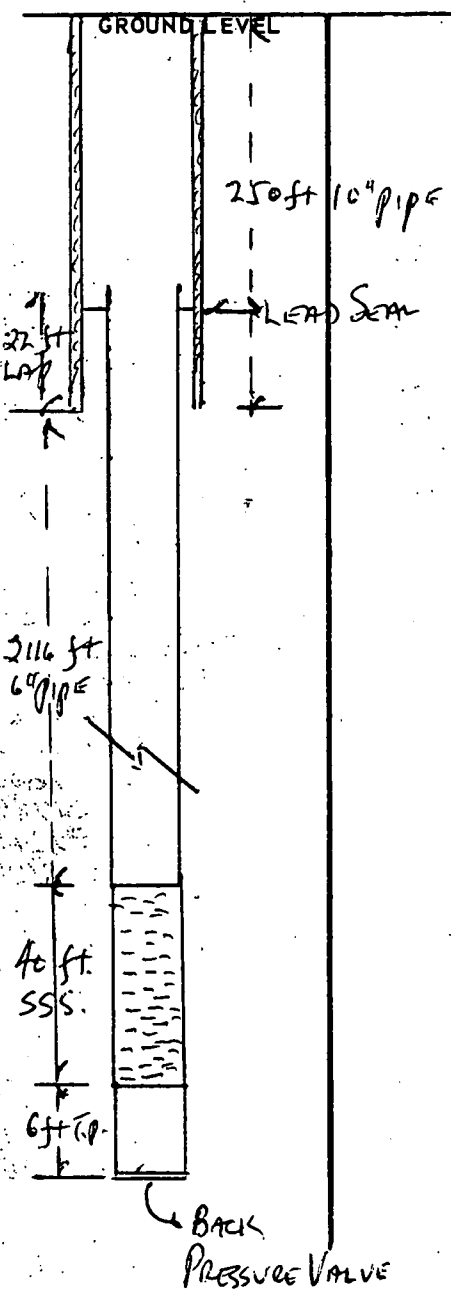
LANDOWNER:	description of formations encountered	from	to
Big Creek	Red Clay	0	18
Water Assn.	Sand	18	23
Big Creek, Miss.	Blue Clay	23	146
(mailing address)	Sand	146	156
WELL LOCATION:	Blue Shale	156	296
sec 13	Hard Blue Shale	296	312
R. 2 E	Rock	312	313
2.3 N	Shale	313	570
(distance) miles (direction) of Big Creek (nearest town)	Shale w/ sand streaks	570	630
WELL PURPOSE:	Hard Blue Shale	630	715
(home, irrigation, municipal, industrial)	Shale	715	771
WELL COMPLETION DATA:	Hard Shale	771	792
(1) diameter (inches)	Blue shale	792	835
(2) total depth (feet)	Shale w/ sand streaks	835	891
(3) static water level (feet) below/above top of ground	Hard Blue Shale	891	902
(4) casing (material) (depth)	Shale	902	1069
(5) screen (length) (depth to top)	Shale + Rock	1069	1100
(6) pump (HP) (yield gpm)	Shale	1100	1602
(7) electric log (yes or no) (organization running log)	Sandy Shale	1602	1785
(8) how well bottom plugged	Shale	1785	1845
	Sandy Shale	1845	1926
	Sand & Gravel	1926	1946
	Clay	1946	1968
	Sand + Clay	1968	1998
	Sand + Gravel	1998	2018
	Shale w/ sand streaks	2018	2049
	Sand streaks w/ rocks	2049	2079
	Shale, Sand, Gravel	2079	2119
	Gravel	2119	2211
	Shale	2211	2269
	Hard Shale	2269	2357
	Sand + small gravel	2357	2409
	Hard Shale	2409	2412
DRILLERS REMARKS:			

TOP of screen 2366



Q

If well telescopes please sketch and show depths.



	X		

SECTION 13

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen, show locations of each on sketch.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hardin/Phillips DATE: 12/4/96

UNIT DEQ #: 84759 FILE #: A120414A

HEALTH DEPT. #: 070002-01 (No tag) ELEV. 280

USGS #: J1 OLWR #: GW5678

OWNER: Big Creek W.A. QUAD: Big Creek

LOCATION: SE/SW S 13 T 23N R 8E COUNTY: Calhoun

LOCATION DESCRIPTION: Behind new wooden buildings on
(CR 308)
old Hwy 8; 50yds north of road

CASING DIA: _____ PUMP TYPE & SIZE: Turbine/20 HP

GPS FIELD LOCATION: LAT. 33° 51.211' N LONG. 89° 24.731' W

GPS CORRECTED LOCATION: LAT. 33.85331805 LONG. 89.41224454

REMARKS: _____

