

HDA# 070002-01

GW 05678

OMIT - No way in

DOM # 0070002-01

WRD Exp. (GW)  
April 1966

Well No. \_\_\_\_\_

GPS'd 12/4/96 DH/PP

WELL SCHEDULE

E-Log 30

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

23 N 8 E S 13

MASTER CARD

Record by P.E. Grantham Source of data Dr. Log & E Log Date 10-26-66 Map BIG CREEK 112-C

State Mississippi County Calhoun (or town) 4 07

Latitude: 33 51 16 N Longitude: 08 9 24 4 W Sequential number: 1

Lat-long accuracy: 2 0 0 7 4 C 1 3 2 3 N 0 9 E Sec 13 SE SE SW

Local well number: 002030 Other number: \_\_\_\_\_

Local use: 002030 Owner or name: Big Creek Water Assn

Owner or name: BIG CREEK W A Address: Big Creek, Miss

Ownership: (C) County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist \_\_\_\_\_ (N) \_\_\_\_\_

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, \_\_\_\_\_ (P) \_\_\_\_\_

(S) Stock, Instat, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other \_\_\_\_\_ (P) \_\_\_\_\_

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

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

Hyd. lab. data: \_\_\_\_\_

Qual. water data: type: MSBOW 8/67 USGS 3-22-67

Freq. sampling: \_\_\_\_\_ Pumpage inventory: \_\_\_\_\_

Aperture cards: \_\_\_\_\_

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

WELL-DESCRIPTION CARD

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

Depth cased: 2366 ft Casing type: \_\_\_\_\_; Diam. 10.6 in

Finish: (C) concrete, (F) gravel v. (G) gravel v. (H) horiz. open (I) open (J) screen, (K) ad. pt., (L) shored, (M) open (N) hole, (O) other \_\_\_\_\_ (S) \_\_\_\_\_

Method: (A) air, (B) bored, (C) cable, (D) dug, (E) hyd jetted, (F) air, (G) reverse, (H) trenched, (I) driven, (J) drive (K) wash, (L) other \_\_\_\_\_ (H) \_\_\_\_\_

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

Driller: Robert Rolliff Grenada, Miss

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) screw, (K) turb, (L) other \_\_\_\_\_ (S) \_\_\_\_\_

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 15 20 \_\_\_\_\_ (N) \_\_\_\_\_

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

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

Water Level 55.60 ft above below MP; Ft below LSD 61 Accuracy: \_\_\_\_\_

Date meas: 11/66 571 Yield: 180 gpm 180 Method determined \_\_\_\_\_

Drawdown: \_\_\_\_\_ ft Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs

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

Sp. Conduct 1650 K x 10<sup>6</sup> 5 Temp. 35.0 Date sampled 571

Taste, color, etc. Good but not

PUNCHED and VERIFIED  
ROLLA COMPUTATION BRANCH

W-11 NO.

51

25-861

Well No. J1

Latitude-longitude \_\_\_\_\_  
 \_\_\_\_\_ d \_\_\_\_\_ m \_\_\_\_\_ s \_\_\_\_\_ d \_\_\_\_\_ m \_\_\_\_\_ s

**HYDROGEOLOGIC CARD**

**SAME AS ON MASTER CARD** Physiographic Province: \_\_\_\_\_ Section: 03

Drainage Basin: 156 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 system series \_\_\_\_\_ aquifer, formation, group Cφ

Lithology: \_\_\_\_\_ Origin: 2 Aquifer Thickness: \_\_\_\_\_ ft

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

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: \_\_\_\_\_

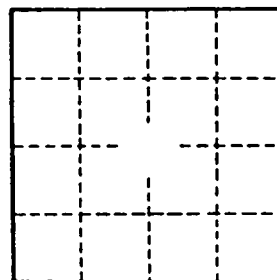
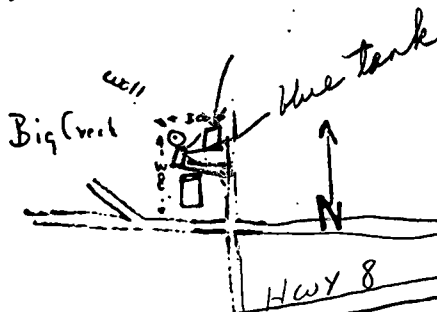
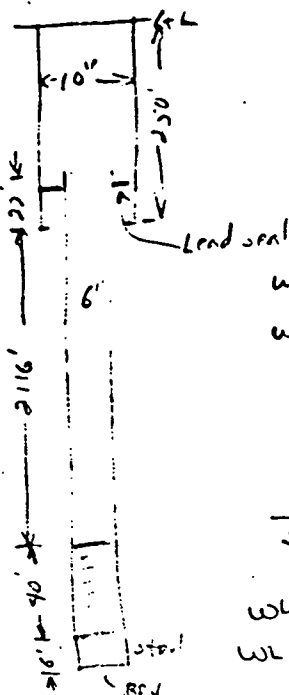
Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

Coefficient Trans: \_\_\_\_\_ gpd/ft Coefficient Storage: \_\_\_\_\_

Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_

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

250' of 10" casing, welded 1/4" and cemented  
 40' of 6" SS screen, .020"  
 6' of tail pipe.



3-15-72  
 No-WL + No Pumping Test

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

old Hwy 8 → Colham city 5 mi

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

- W.L. 54' (1967)
- W.L. 61' (1971)
- K3AM 1516'
- K3E1 1616'
- K3MS 1856' ?
- K3Gφ 1940'
- K3Cφ 2210'