

27.2 B Bay Springs

IN SYSTEM

Well No. 118

WRD Exp. (GW)
April 1966

WELL SCHEDULE ~~10 State 10 2-20~~
WATER RESOURCES DIVISION

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY

SITE ID 3: 490089190791
MASTER CARD

Record by J.A. Callahan Source of data M Bowe Field Date 8-23-67 Map County Hwy Map

State Miss 28 County (or town) Jasper 31

Latitude: 31^{deg} 49^{min} 00^{sec} N Longitude: 08^{deg} 9^{min} 19^{sec} W Sequential number: 1

Lat-long accuracy: 5²⁰ T. 2 S. R. 10 W. Sec 31 NW SW B & M

Local well number: 1018BC3107N10E Other number: _____

Local use: 151 Owner or name: Frank James

Owner or name: FRANK JAMES Address: Bay Springs, Miss

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

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

(T) Instit, Unused, Reppure, Recharge, Desal-P S, Desal-other, Other _____

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

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

Hyd. lab. data: _____

Qual. water data; type: USGS

Freq. sampling: _____ Pumpage inventory: _____

Aperture cards: _____

Log data: Drillers log M Bowe

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 263 ft 263 Meas. rept

Depth cased: 239 ft 239 Casing type: steel Diam. 4 1/2 in

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, end, (S) screen perf., (T) shored, (X) open hole, other _____

Method Drilled: (A) air bored, (B) cable, (C) dug, (H) hyd jetted, (J) air percussion, (R) reverse, (T) trenching, (V) driven, (W) drive wash, other _____

Date Drilled: 7-5-66 9.6.6 Pump intake setting: _____ ft

Driller: James R Leach, Lake Miss

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, other _____ Deep _____ Shallow _____

Power (type): diesel, elec, nat gas, gasoline, hand, gas, wind; H.P. 1 1/2 Trans. or meter no. 7

Descrip. MP _____ ft above below LSD, Alt. MP _____

Alt. LSD: 410 Accuracy: _____

Water Level: 120 ft above below MP; LSD 120 Accuracy: rept

Date meas: 7-5-66 7.6.6 Yield: 30 gpm 30 Method determined _____

Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

Sp. Conduct 330 K x 10⁶ 3 Temp. 70 °F Date sampled 9-3-68

Taste, color, etc. pH = _____

Well No.

118

Well No. 48

Latitude-longitude 31 49 00 89 19 07
d m s d m s

HYDROGEOLOGIC CARD

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

Drainage Basin: D **Subbasin:** 130

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

MAJOR AQUIFER: Tertiary, Miocene TM Catahoula CA
system series aquifer, formation, group

Lithology: Sand S **Origin:** deltaic 3 **Aquifer Thickness:** _____ ft

Length of well open to: 20 ft **Depth to top of:** 220 ft 155 ft

MINOR AQUIFER: _____ **Aquifer Thickness:** _____ ft

Lithology: _____ **Origin:** _____ **Aquifer Thickness:** _____ ft

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

Intervals Screened: 239-259 2 1/2" dia.

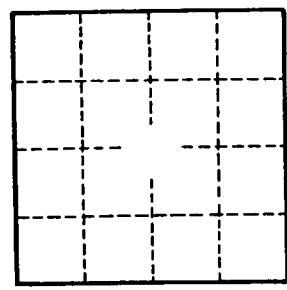
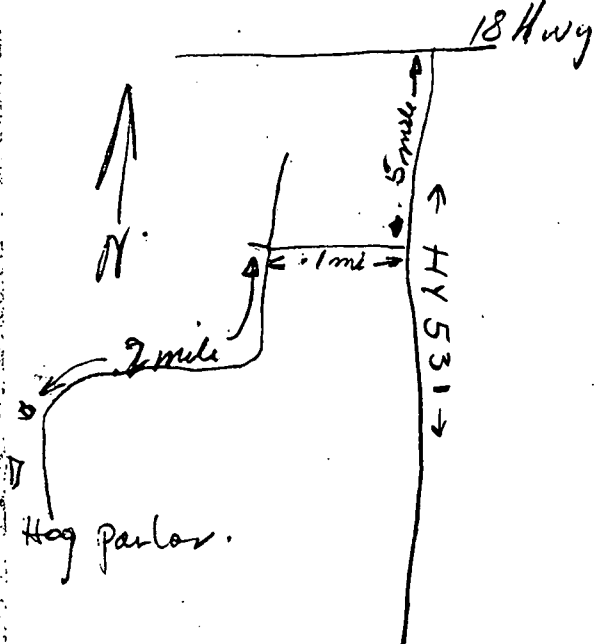
Depth to consolidated rock: _____ ft **Source of data:** _____

Depth to basement: _____ ft **Source of data:** _____

Surficial material: _____ **Infiltration characteristics:** _____

Coefficient Trans: _____ **Coefficient Storage:** _____

Perm: _____ **Spec cap:** _____ **Number of geologic cards:** _____



| | From | To |
|--------------|------|-----|
| SANDY CLAY | 0 | 35 |
| SAND | 35 | 55 |
| Rock | 55 | 80 |
| Blue Clay | 80 | 105 |
| Rock & shell | 105 | 155 |
| SAND | 155 | 263 |

Well No.

48

