

WELL SCHEDULE

Elog # 154

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY

WATER RESOURCES

PUNCHED MAR 18 1974

MASTER CARD

Record by WTO Source of data MCGS Date 6/72 Map LOUIN

State MISS 28 County (or town) JASPER 31

Latitude: 32° 07' N Longitude: 089° 17' 09" W Sequential number: 1

Lat-long accuracy: 2' T. 20 S. R. 10 W. Sec 16 SW, NW, NW

Local well number: J 034 B B 1602 N 10 E Other number: Ind site well #2

Local use: 184154 Owner or name: BAY SPRINGS Address: _____

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Instit, 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 0 Freq. W/L meas.: 0 Field aquifer char. 0

Hyd. lab. data: _____

Qual. water data; type: _____

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

Aperture cards: _____

Log data: Elog 54' - 318', 790' - 1119' D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1034 Meas. rept accuracy 3

Depth cased: (first perf.) 889 Casing type: BI Diam. 1.6

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, other S

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

Date Drilled: 6-26-72 9-7-72 Pump intake setting: _____ ft _____

Driller: GRINER

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

Power (type): diesel, gas, gasoline, hand, gas, wind; H.P. 75 Trans. or meter no. 41

Descrip. MP 440 above ft below LSD, Alt. MP _____

Alt. LSD: 435 Accuracy: (source) topo

Water Level: above ft below MP; above ft below LSD 171 Accuracy: _____

Date meas: 7-7-72 Yield: _____ gpm 754 Method determined 4

Drawdown: 180 ft 180 Accuracy: _____ Pumping period hrs 8

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

Sp. Conduct _____ K x 10 6 Temp. _____ °F _____ Date sampled _____

Taste, color, etc. _____

Well No.

534

Latitude-longitude

HYDROGEOLOGIC CARD

Hydrogeologic CARD

Physiographic Province:

03 Section:

8199D

Drainage Basin:

130 Subbasin:

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

MAJOR AQUIFER:

system

series

TE

SPRT

aquifer, formation, group

SS

Lithology:

Origin:

2

Aquifer Thickness:

131 ft

Length of well open to:

82 ft

Depth to top of:

886 ft

MINOR AQUIFER:

system

series

aquifer, formation, group

Lithology:

Origin:

Aquifer Thickness:

Length of well open to:

Depth to top of:

Intervals Screened:

8" SS 889'-930' 959'-979' 1013'-1034'

Depth to consolidated rock:

ft

Source of data:

Depth to basement:

ft

Source of data:

Surficial material:

Infiltration characteristics:

Coefficient Trans:

gpd/ft

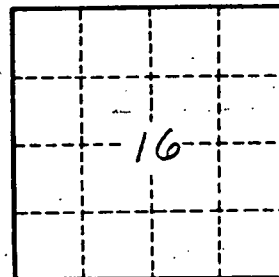
Coefficient Storage:

Coefficient Perm:

gpd/ft²; Spec cap:

gpm/ft; Number of geologic cards:

Driller reports T = 10,000



Well No.

534

177 4159

JASPER
I 34
7-72

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

CODED

WATER WELL DRILLERS LOG

Aug. 1972 Griner Drilling Service Jasper
date well completed firm name county well located

LANDOWNER: <u>Town of</u>	description of formations encountered	from	to
<u>Ray Springs, Industrial</u>			
<u>Part Well # 2</u>	<u>Clay</u>	<u>0</u>	<u>6</u>
(mailing address)	<u>Clay w sand streaks</u>	<u>6</u>	<u>54</u>
	<u>Limestone and sand streaks</u>	<u>54</u>	<u>126</u>
	<u>Sand</u>	<u>126</u>	<u>150</u>
WELL LOCATION: <u>SW NW NW</u>	<u>Clay</u>	<u>150</u>	<u>410</u>
sec. <u>16</u> T. <u>2</u> N. R. <u>10</u> E	<u>Sand</u>	<u>410</u>	<u>430</u>
<u>3</u> miles <u>North</u> of <u>Ray Springs</u>	<u>Sand and clay streaks</u>	<u>430</u>	<u>620</u>
(distance) (direction) (nearest town)	<u>Clay with hard limestone</u>	<u>620</u>	<u>886</u>
WELL PURPOSE: (home, irrigation, <u>municipal</u> , industrial)	<u>Sand</u>	<u>886</u>	<u>936</u>
WELL COMPLETION DATA:	<u>Clay</u>	<u>936</u>	<u>942</u>
(1) diameter (inches) <u>16"</u>	<u>Sand</u>	<u>942</u>	<u>986</u>
(2) total depth (feet) <u>1034</u>	<u>Clay</u>	<u>986</u>	<u>1000</u>
(3) static water level (feet) <u>171</u> <u>below</u> top of ground.	<u>Sand</u>	<u>1000</u>	<u>1037</u>
(4) casing <u>B-I</u> , <u>880'</u> (material) (depth)	<u>Clay</u>	<u>1037</u>	<u>1052</u>
<u>16</u> (size) If telescope see back.	<u>Sand and lignite</u>	<u>1052</u>	<u>1111</u>
(5) screen <u>80-24</u> , <u>889'</u> (length) (depth to top)	<u>Clay</u>	<u>1111</u>	<u>1119</u>
<u>9</u> (size), <u>1030-304-SS</u> (material)			
(6) pump <u>75</u> (HP), <u>500</u> (yield gpm)			
<u>Elect</u> (type power)			
(7) electric log <u>Yes</u> (yes or no)			
<u>Miss. Geol. Survey</u> (organization running log)			
(8) how well bottom plugged <u>Back</u>			
<u>Wash Valve</u>			
DRILLERS REMARKS:			

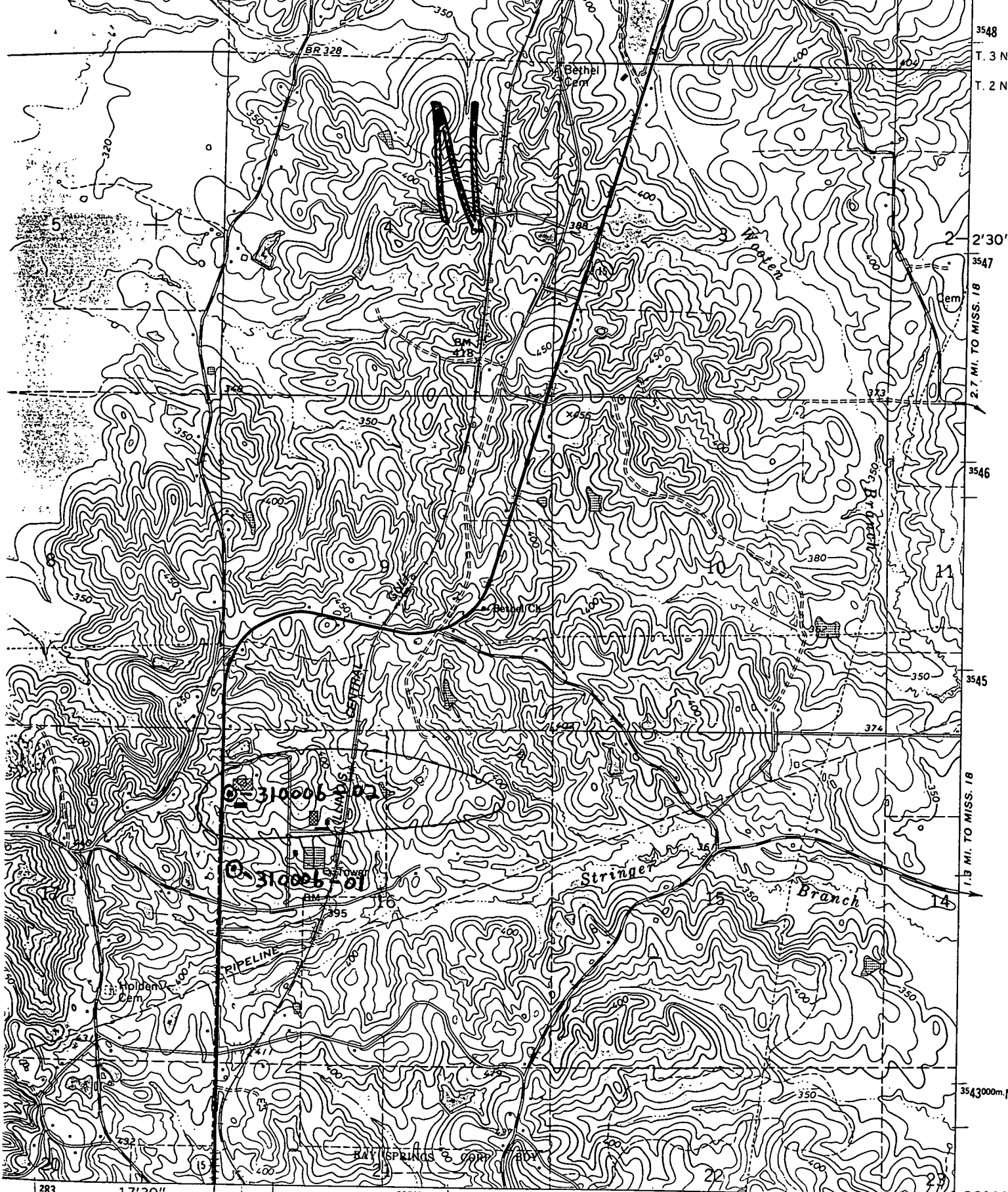
889-930 } screened
939-979 } intervals
1013-1034 }

CODED

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hotw/beat DATE: 8/8/96
UNIT DEQ #: 82859 FILE #: B080819A
HEALTH DEPT. #: 310006-02 ELEV. _____
USGS #: J 34 OLWR #: GW-3195
OWNER: Bay Springs Ind Park QUAD: Louin
LOCATION: NW-NW S 16 T 2N R 10E COUNTY: Jasper
LOCATION DESCRIPTION: ON East side of Hwy 15 N at Ind Park,
2.50 mi. North of Hwy 18 (Bay Springs)
(.25 mi. North of Ind Park Elev Tank.)
CASING DIA: 12" PUMP TYPE & SIZE: 60 HP Elec.
GPS FIELD LOCATION: LAT. 32° 01' 02.0" LONG. 89° 17' 14.9"
GPS CORRECTED LOCATION: LAT. 32.01735068 LONG. 89.28755841
REMARKS: GPS at well.



1 MILE
FEET



*Louis
Quad*

ROAD CLASSIFICATION

Heavy-duty.....————— Light-duty.....—————

Medium-duty.....————— Unimproved dirt.....=====

○ State Route

(LAKE C
3147 I.N.

● INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1982

1783 17'30" LAUREL 24 MI. 285000m.E. 32°00' 89°15'