

WELL SCHEDULE

Elog # 309

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

Pr. 9. 806 M22

PUNCHED

MASTER CARD

Record by WTD Source of data Bowc Date 2/69 Map \_\_\_\_\_

State 28 County (or town) Harde 25

Latitude: 32<sup>1</sup>44<sup>2</sup>6<sup>3</sup>N<sup>4</sup> Longitude: 09<sup>5</sup>02<sup>6</sup>04<sup>7</sup>7<sup>8</sup> Sequential number: 1

Lat-long accuracy: 4<sup>9</sup> T 5<sup>10</sup> N 1<sup>11</sup> S, R 1<sup>12</sup> S, Sec 30<sup>13</sup>, Sw 1<sup>14</sup>, SW 1<sup>15</sup>, NW 1<sup>16</sup>

Local well number: M096083005N01W Other number: \_\_\_\_\_

Local use: \_\_\_\_\_ Owner or name: \_\_\_\_\_

Owner or name: LLLOYD G. BERTROND Address: Jackson, Mo.

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) P S, (P) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Reprasure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other \_\_\_\_\_ H

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (I) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed \_\_\_\_\_ W

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

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

Qual. water data; type: \_\_\_\_\_

Freq. sampling: \_\_\_\_\_ Pumpage inventory:  yes  no, period: \_\_\_\_\_

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

Log data: \_\_\_\_\_ D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 385 ft 369 Meas. rept. accuracy \_\_\_\_\_ 3

Depth cased: (first perf.) \_\_\_\_\_ ft 354 Casing type: steel; Diam. \_\_\_\_\_ in \_\_\_\_\_ 2

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open perf., (J) screen, (K) sd. pt., (L) shored, (M) open hole, (N) other \_\_\_\_\_ 5

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

Date Drilled: 1/69 9:69 Pump intake setting: \_\_\_\_\_ ft \_\_\_\_\_ 38

Driller: McNeese + Quinn

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 \_\_\_\_\_ A Deep  Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. \_\_\_\_\_ 5 Trans. or meter no. \_\_\_\_\_ T

Descrip. MP \_\_\_\_\_ ft above \_\_\_\_\_ below LSD, Alt. MP \_\_\_\_\_

Alt. LSD: \_\_\_\_\_ 373 Accuracy: (source) topo \_\_\_\_\_ 47

Water Level: 118 ft above below MP; Ft. below LSD \_\_\_\_\_ 118 Accuracy: \_\_\_\_\_ 52 D

Date meas: \_\_\_\_\_ 1:69 Yield: \_\_\_\_\_ gpm \_\_\_\_\_ 2:0 Method determined \_\_\_\_\_ 61

Drawdown: \_\_\_\_\_ ft \_\_\_\_\_ Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs \_\_\_\_\_ 66

QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm \_\_\_\_\_ Sulfate \_\_\_\_\_ ppm \_\_\_\_\_ Chloride \_\_\_\_\_ ppm \_\_\_\_\_ Hard. \_\_\_\_\_ ppm \_\_\_\_\_ 72

Sp. Conduct \_\_\_\_\_ K x 10<sup>6</sup> \_\_\_\_\_ Temp. \_\_\_\_\_ °F \_\_\_\_\_ Date sampled \_\_\_\_\_ 77 78

Taste, color, etc. \_\_\_\_\_

Well No.

M96

Well No. M96

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

**HYDROGEOLOGIC CARD**

SAME AS ON MASTER CARD Physiographic Province: 013 Section: \_\_\_\_\_

D Drainage Basin: 13T Subbasin: \_\_\_\_\_

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

MAJOR AQUIFER: system \_\_\_\_\_ series T.O. aquifer, formation, group FH

Lithology: US Origin: 3 Aquifer Thickness: 20 ft

Length of well open to: \_\_\_\_\_ ft 15 Depth to top of: \_\_\_\_\_ ft 350

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: 1" .0075 S.

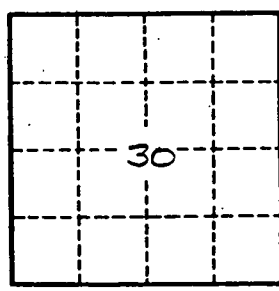
Depth to consolidated rock: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_

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: \_\_\_\_\_



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

M96

ELOG #309

*Cole*

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

WATER WELL DRILLERS LOG

Hinds  
M96  
1-16-69

1-16-69 James D McNeese Hinds  
date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
<u>Dr. Lloyd G. Berrong</u>	<u>Surface soil</u>	<u>0</u>	<u>5</u>
<u>M<sup>r</sup> Farland Reed Jackson</u> (mailing address)	<u>Clay</u>	<u>5</u>	<u>25</u>
	<u>Blue shale</u>	<u>25</u>	<u>170</u>
	<u>Grey sdy sh</u>	<u>170</u>	<u>189</u>
	<u>ROCK</u>	<u>189</u>	<u>226</u>
	<u>Grey sh</u>	<u>226</u>	<u>244</u>
	<u>Grey sdy sh</u>	<u>244</u>	<u>280</u>
	<u>Grey sh</u>	<u>280</u>	<u>325</u>
	<u>SAND</u>	<u>325</u>	<u>375</u>
	<u>Grey sdy sh</u>	<u>375</u>	<u>385</u>
	<u>SAND</u>	<u>385</u>	<u>370</u>
	<u>Grey sh</u>	<u>370</u>	<u>385</u>
WELL LOCATION: sec. <u>30.5</u> N R. <u>1</u> E <u>8</u> miles <u>West</u> of <u>JACKSON</u> (distance) (direction) (nearest town)			
WELL PURPOSE: <u>Home</u> (home, irrigation, municipal, industrial)			
WELL COMPLETION DATA:			
(1) diameter (inches) <u>2</u>			
(2) total depth (feet) <u>385</u>			
(3) static water level (feet) <u>118</u> below above top of ground			
(4) casing <u>Steel</u> <u>354</u> (material) (depth)	<u>17 1/2" 2"</u>	<u>354</u>	
(size) If telescope see back.	<u>15" 2" 007</u>		
(5) screen <u>15'</u> <u>354</u> (length) (depth to top)	<u>Stainless steel</u>		
<u>2" 007 stainless steel</u> (size) (material)	<u>SCREEN</u>	<u>15'</u>	
(6) pump <u>5</u> <u>20</u> (HP) (yield gpm)		<u>369</u>	
<u>Air compressor</u> (type power)			
(7) electric log <u>Yes</u> (yes or no)			
<u>M.G.S.</u> (organization running log)			
(8) how well bottom plugged <u>mod</u>			
DRILLERS REMARKS: <u>No color</u>			

JAN 21 1969

MISS. BD. OF  
WATER COMM.