

Coded By Q 598  
 Checked By 06/15/98  
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 Date 6/98

U.S. GEOLOGICAL SURVEY  
 WATER RESOURCES DIVISION  
 MISSISSIPPI DISTRICT

E-Log No. \_\_\_\_\_  
 County Jackson  
 Agency \_\_\_\_\_  
 Well No. M 369  
396A

WELL RECORD

Agency Code U | S | G | S Site Id 1 31012191431018181219141411 Project No. 5 401591 | | | | |

Station Name 12 M369 HELENA METH RH | | | | | Latitude 9 31 02 19 14 31 Longitude 10 40 18 18 12 19 14 41

Lat/Long Ac. 11 S | F | T | M Dist 6=28 State 7=28 County 8 059 SW Land Net. 13 SWNW SZB1T068R105W

Location Map 14 K1R1E101L1E | | | | | Altitude 16 110 Met/Meas 17 A | L | D Accuracy 18 | | 5 Hydrologic Unit 20 03117010108

*Saracemma Rd*

Agency Use 803 A | 0 Date Invented 711 | | | | | Station Type 4 | | | | Y Data Type 804 | | | | |

Instru. 905 | Remarks 806 | | | | | Relia. 3 C | M | U 2 W | X

Date of Construction 21 01 / 09 / 1998 Well Use 23 W Water Use 24 H Primary Aquifer 714 2 | G | R | M | F Hole Depth 27 230

Well Depth 28 230 Water Level 30 6 Water Level Date 31 01 / 09 / 1998 Method 34 | Status 37 | Source 33 D

CONSTRUCTION DATA

R=58 T=A 723#1 60 01 / 09 / 1998 Contractor 63 472 Name Coast Method 65 H Finish 66 0

CONSTRUCTION CASING DATA

| R  | T | Top/Casing | Bot/Casing | Diameter      |
|----|---|------------|------------|---------------|
| 76 | A | 725#1 59#1 | 77         | 78 220 79 2   |
| 76 | A | 725#2 59#1 | 77         | 78         79 |

CONSTRUCTION OPENINGS DATA

| R  | T | Top/Depth  | Bot/Depth     | Diameter                            | Type   | Length | Width |
|----|---|------------|---------------|-------------------------------------|--------|--------|-------|
| 82 | A | 726#1 59#1 | 83 220 84 230 | 87 2 85 S 89                        | 88 907 |        |       |
| 82 | A | 726#2 59#1 | 83         84 | 87         85         89         88 |        |        |       |

CONSTRUCTION LIFT DATA

R=42 T=A 254#1 Lift Type 43 | Date 38 01 / 09 / 1998 Intake 44 | | | |

Power H.P. Serial No.  
 45 | 46 | | | | 49 | | | | |

MISCELLANEOUS OWNER DATA

R=158 T=A 718#1 159 01 / 09 / 1998 Owner Name 161 HELENA METH CHTURGH | | | | |

MISCELLANEOUS OTHER ID DATA

R=189 T=A 736#1 E-Log No. 190 | | | | Assigner 191 M | I | S | S | D | I | S | T |

MISCELLANEOUS QW DATA

|       |     |       |                     |                            |                 |                            |         |           |       |                  |
|-------|-----|-------|---------------------|----------------------------|-----------------|----------------------------|---------|-----------|-------|------------------|
| R=192 | T=A | 738#1 | Date of Measurement | 1934                     . | Aquifer Sampled | 1954                     . | Temp    | 196#00010 | Value | 1974           . |
| R=192 | T=A | 738#2 | Date of Measurement | 1934                     . | Aquifer Sampled | 1954                     . | Sp Cond | 196#00095 | Value | 1974           . |
| R=192 | T=A | 738#3 | Date of Measurement | 1934                     . | Aquifer Sampled | 1954                     . | pH      | 196#00000 | Value | 1974           . |

MISCELLANEOUS LOGS DATA

|       |     |       |          |                  |            |                  |           |                  |
|-------|-----|-------|----------|------------------|------------|------------------|-----------|------------------|
| R=198 | T=A | 739#1 | Log Type | 1994           . | Geo. Depth | 2004           . | End Depth | 2014   230     . |
| R=198 | T=A | 739#1 | Log Type | 1994           . | Geo. Depth | 2004           . | End Depth | 2014           . |

MISCELLANEOUS NETWORK DATA *706 = QW WL WD \**

|       |     |       |           |                  |          |                  |               |                  |                  |                  |                  |
|-------|-----|-------|-----------|------------------|----------|------------------|---------------|------------------|------------------|------------------|------------------|
| R=114 | T=A | 730#1 | Req. Year | 1154           . | End Year | 1164           . | Agency Source | 120=A            | 117#           . | Freq.            | 1184           . |
| R=121 | T=A | 730#2 | Req. Year | 1154           . | End Year | 1164           . | Agency Source | 117#           . | Freq.            | 1184           . |                  |

MISCELLANEOUS REMARKS DATA

|       |     |       |                 |                            |         |                            |
|-------|-----|-------|-----------------|----------------------------|---------|----------------------------|
| R=183 | T=A | 311#1 | Date of Remarks | 1844                     . | Remarks | 1854                     . |
|-------|-----|-------|-----------------|----------------------------|---------|----------------------------|

DISCHARGE DATA

|       |     |           |       |      |                           |      |           |           |                      |              |                  |
|-------|-----|-----------|-------|------|---------------------------|------|-----------|-----------|----------------------|--------------|------------------|
| R=146 | T=A | Pump/Flow | 147#1 | Date | 1484   01   09   1998   . | Type | 703 = P F | Discharge | 1504           2   . | Sp. Capacity | 2724           . |
|-------|-----|-----------|-------|------|---------------------------|------|-----------|-----------|----------------------|--------------|------------------|

GEOHYDROLOGIC DATA

|      |     |       |           |                   |            |                 |         |              |         |
|------|-----|-------|-----------|-------------------|------------|-----------------|---------|--------------|---------|
| R=90 | T=A | 721#1 | Depth Top | 914     180     . | Depth Bot. | 924           . | Unit Id | 934   ZIGRFF | 304 = P |
|------|-----|-------|-----------|-------------------|------------|-----------------|---------|--------------|---------|

HYDRAULIC DATA

|      |     |       |             |                            |                  |
|------|-----|-------|-------------|----------------------------|------------------|
| R=98 | T=A | 790#1 | Unit Tested | 1004                     . | 1034           . |
|------|-----|-------|-------------|----------------------------|------------------|

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO  |
|---------------------------------------|------|-----|
| Top Soil                              | 0    | 2   |
| Brown Clay                            | 2    | 19  |
| White Coarsel sand                    | 19   | 28  |
| Blue Clay                             | 28   | 50  |
| White Coarsel sand                    | 50   | 57  |
| Blue Clay                             | 57   | 80  |
| gray med sand                         | 80   | 140 |
| Blue Clay                             | 140  | 180 |
| Med gray sand                         | 180  | 230 |