

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED

MASTER CARD

Record by J.M. Source of data BOWC Date 8-71 Map \_\_\_\_\_  
 State 28 County (or town) BENTON 05  
 Latitude: 34<sup>5</sup> 44<sup>7</sup> 21<sup>9</sup> 15<sup>11</sup> N<sup>13</sup> Longitude: 08<sup>12</sup> 9<sup>13</sup> 11<sup>14</sup> 11<sup>15</sup> S<sup>16</sup> Sequential number: 19  
 Lat-long accuracy: 5<sup>17</sup> T. 4<sup>18</sup> N. 1<sup>19</sup> R. 1<sup>20</sup> W. Sec 27<sup>21</sup> B & M  
 Local well number: 4017<sup>22</sup> 2704501E<sup>23</sup> Other number: \_\_\_\_\_  
 Local use: 216<sup>24</sup> Owner or name: \_\_\_\_\_  
 Owner or name: W. L. AULTRY<sup>25</sup> Address: HICKORY FLAT<sup>26</sup>  
 Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist P<sup>27</sup>  
 Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (B) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other H<sup>28</sup>  
 Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed, (B) \_\_\_\_\_ W<sup>29</sup>  
 DATA AVAILABLE: Well data  Freq. W/L meas.:  Field aquifer char. <sup>30</sup>  
 Hyd. lab. data: \_\_\_\_\_<sup>31</sup>  
 Qual. water data; type: \_\_\_\_\_<sup>32</sup>  
 Freq. sampling: \_\_\_\_\_ Pumpage inventory:  yes  no, period: \_\_\_\_\_<sup>33</sup>  
 Aperture cards: \_\_\_\_\_ yes  no <sup>34</sup>  
 Log data: \_\_\_\_\_ D<sup>35</sup>

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 620 ft Meas. 3<sup>36</sup>  
 Depth cased: (first perf.) \_\_\_\_\_ ft 26 Casing Type: P ; Diam. 4 in 4<sup>37</sup>  
 Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) perf., (K) screen, (L) sd. pt., (M) shored, (N) open hole, (O) other X<sup>38</sup>  
 Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd rot., (F) jetted, (G) air percuss, (H) reverse, (I) trenching, (J) driven, (K) wash, (L) other H<sup>39</sup>  
 Date Drilled: 9-7-71 Pump intake setting: \_\_\_\_\_ ft \_\_\_\_\_<sup>40</sup>  
 Driller: J.T. Medlin name address \_\_\_\_\_  
 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 40<sup>41</sup>  
 Power (type): diesel, elec gas, gasoline, hand, gas, wind; H.P. 1/2 5 Trans. or meter no. \_\_\_\_\_<sup>42</sup>  
 Descrip. MP \_\_\_\_\_ ft above below LSD, Alt. MP \_\_\_\_\_<sup>43</sup>  
 Alt. LSD: \_\_\_\_\_ Accuracy: (source) \_\_\_\_\_<sup>44</sup>  
 Water Level 160 ft above below MP; Ft below LSD 160 Accuracy: \_\_\_\_\_<sup>45</sup>  
 Date meas: 9-9-71 Yield: 5 gpm 5 Method determined \_\_\_\_\_<sup>46</sup>  
 Drawdown: \_\_\_\_\_ ft Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs \_\_\_\_\_<sup>47</sup>  
 QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm Sulfate \_\_\_\_\_ ppm Chloride \_\_\_\_\_ Hard. \_\_\_\_\_<sup>48</sup>  
 Sp. Conduct \_\_\_\_\_ K x 10<sup>6</sup> Temp. \_\_\_\_\_ °F Date sampled \_\_\_\_\_<sup>49</sup>  
 Taste, color, etc. \_\_\_\_\_<sup>50</sup>

Well No. L-17

**HYDROGEOLOGIC CARD**

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

**Drainage Basin:** D Subbasin: 15 F \_\_\_\_\_

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

**MAJOR AQUIFER:** \_\_\_\_\_ system \_\_\_\_\_ series \_\_\_\_\_ aquifer, formation, group \_\_\_\_\_

**Lithology:** \_\_\_\_\_ **Origin:** \_\_\_\_\_ **Aquifer Thickness:** 135 ft

**Length of well open to:** \_\_\_\_\_ ft **Depth to top of:** 405 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:** \_\_\_\_\_

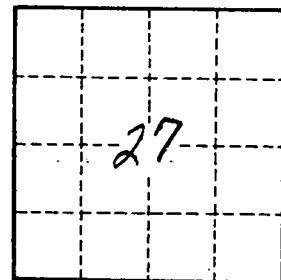
**Depth to consolidated rock:** \_\_\_\_\_ ft **Source of data:** \_\_\_\_\_

**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.

7-17