

APR 29 1973

FORM 9-1642 (1-68)

Well No. 98 Log # 107

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

MASTER CARD

Record by Q Source of data MSGs Date 3/73 Map \_\_\_\_\_

State MISS 28 County JEFFERSON 32

Latitude: 31<sup>5</sup> 41<sup>7</sup> 12<sup>9</sup> N<sup>1</sup> Longitude: 09<sup>12</sup> 05<sup>13</sup> 02<sup>18</sup> W<sup>19</sup> Sequential number: 1

Lat-long accuracy: 2<sup>20</sup> 8<sup>21</sup> 0<sup>22</sup> 4<sup>23</sup> 0<sup>24</sup> 6<sup>25</sup> NW<sup>26</sup> SE<sup>27</sup> SE<sup>28</sup>

Local well number: 0008<sup>29</sup> DD0608<sup>30</sup> N04E<sup>31</sup> Other number: T.H.#1<sup>32</sup>

Local use: 060107<sup>33</sup> Owner or name: UNION CHURCH<sup>34</sup> Address: \_\_\_\_\_

Ownership: (C) County, (F) Fed Gov't, (M) City, Corp or Co, (N) Private, (P) State Agency, (S) Water Dist, (W) \_\_\_\_\_ M<sup>35</sup>

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other \_\_\_\_\_ U<sup>36</sup>

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (I) Obs, (J) Oil-gas, (K) Recharge, (L) Test, (M) Unused, (N) Withdraw, (O) Waste, (P) Destroyed, (R) \_\_\_\_\_ T<sup>37</sup>

DATA AVAILABLE: Well data  <sup>70</sup> Freq. W/L meas.: \_\_\_\_\_  <sup>71</sup> Field aquifer char.  <sup>72</sup>

Hyd. lab. data: \_\_\_\_\_  <sup>73</sup>

Qual. water data; type: \_\_\_\_\_  <sup>74</sup>

Freq. sampling: \_\_\_\_\_  <sup>75</sup> Pumpage inventory: yes  no  period: \_\_\_\_\_  <sup>76</sup>

Aperture cards: \_\_\_\_\_  <sup>77</sup> yes  <sup>78</sup>

Log data: Elog 10' - 670'  <sup>79</sup>

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD <sup>19</sup> Depth well: \_\_\_\_\_ ft  <sup>20</sup> Meas. rept \_\_\_\_\_  <sup>21</sup> accuracy \_\_\_\_\_  <sup>22</sup>

Depth cased: (first perf.) \_\_\_\_\_ ft  <sup>23</sup> Casing type: \_\_\_\_\_ ; Diam. \_\_\_\_\_ in  <sup>24</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 \_\_\_\_\_  <sup>25</sup>

Method: (A) air bored, (B) cable, (C) dug, (D) hyd jettied, (E) air rot., (F) reverse percussion, (G) trenching, (H) driven, (I) wash, (J) other \_\_\_\_\_  <sup>26</sup>

Date Drilled: 2-26-73 973 <sup>27</sup> Pump intake setting: \_\_\_\_\_ ft  <sup>28</sup>

Driller: GRINER <sup>29</sup> 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 \_\_\_\_\_  <sup>30</sup> Deep  <sup>31</sup> Shallow  <sup>32</sup>

Power (type): nat \_\_\_\_\_ LP \_\_\_\_\_  <sup>33</sup> Trans. or meter no. \_\_\_\_\_  <sup>34</sup>

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

Alt. LSD: 500 <sup>35</sup> Accuracy: topo  <sup>36</sup>

Water Level: \_\_\_\_\_ ft above \_\_\_\_\_ ft below MP; \_\_\_\_\_ ft above \_\_\_\_\_ ft below LSD \_\_\_\_\_  <sup>37</sup> Accuracy: \_\_\_\_\_  <sup>38</sup>

Date meas: \_\_\_\_\_ <sup>39</sup> Yield: \_\_\_\_\_ gpm \_\_\_\_\_  <sup>40</sup> Method determined \_\_\_\_\_  <sup>41</sup>

Drawdown: \_\_\_\_\_ ft \_\_\_\_\_  <sup>42</sup> Accuracy: \_\_\_\_\_  <sup>43</sup> Pumping period \_\_\_\_\_ hrs \_\_\_\_\_  <sup>44</sup>

QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm \_\_\_\_\_ <sup>45</sup> Sulfate \_\_\_\_\_ ppm \_\_\_\_\_ <sup>46</sup> Chloride \_\_\_\_\_ ppm \_\_\_\_\_ <sup>47</sup> Hard. \_\_\_\_\_ ppm \_\_\_\_\_ <sup>48</sup>

Sp. Conduct \_\_\_\_\_ K x 10<sup>6</sup> \_\_\_\_\_ <sup>49</sup> Temp. \_\_\_\_\_ °F \_\_\_\_\_ <sup>50</sup> Date sampled \_\_\_\_\_  <sup>51</sup>

Taste, color, etc. \_\_\_\_\_  <sup>52</sup>

Well No.

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

**HYDROGEOLOGIC CARD**

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

**D** Drainage Basin: **14A** Subbasin: \_\_\_\_\_

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

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

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

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

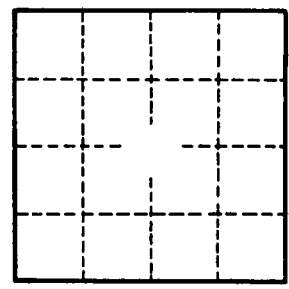
Depth to consolidated rock: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_

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. \_\_\_\_\_