

WRD Exp. (GW)  
April 1966

Well No. C 42

### WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

#### MASTER CARD

Record by J. S. Source of data BOWC Date 9/69 Map \_\_\_\_\_

State 28 County (or town) Yalobusha 87

Latitude: 34<sup>1</sup>10<sup>2</sup>57<sup>3</sup>N<sup>4</sup> Longitude: 08<sup>12</sup>93<sup>13</sup>42<sup>14</sup>8<sup>15</sup> Sequential number: 1<sup>19</sup>

Lat-long accuracy: 5<sup>26</sup> T. 10<sup>27</sup> R. 4<sup>28</sup> Sec. 25<sup>29</sup> B & M

Local well number: 0042<sup>31</sup> 2510504W<sup>34</sup> Other number: \_\_\_\_\_

Local use: 001<sup>35</sup> Owner or name: W R MCCAIN<sup>52</sup> Address: Water Valley<sup>66</sup>

Ownership: County, Fed Gov't, (M) City, Corp or Co, Private, State Agency, Water Dist P<sup>67</sup>

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 H<sup>68</sup>

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed W<sup>69</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 <sup>76</sup> no. period: \_\_\_\_\_

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

Log data: \_\_\_\_\_ <sup>78</sup> <sup>79</sup>

#### WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: \_\_\_\_\_ ft 85<sup>19</sup> Meas. rept. accuracy 3<sup>24</sup>

Depth cased; (first perf.) \_\_\_\_\_ ft 79<sup>25</sup> Casing type: \_\_\_\_\_; Diam. \_\_\_\_\_ in 2<sup>29</sup>

Finish: porous concrete, gravel w. (perf.), (F) gravel w. (screen), (G) horiz. open gallery, (H) open end, (O) perf., (P) screen, (S) sd. pt., (T) shored, (W) open hole, (X) other S<sup>31</sup>

Method: (A) air bored, (B) cable, (C) dug, (D) hyd jettted, (H) rot., (J) percussio, (P) rotary, (R) reverse, (T) trenching, (V) driven, (W) wash, (Z) other H<sup>32</sup>

Date Drilled: 966<sup>33</sup> Pump intake setting: \_\_\_\_\_ ft 36<sup>36</sup> 38<sup>38</sup>

Driller: \_\_\_\_\_ name \_\_\_\_\_ address \_\_\_\_\_

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) submerg, (S) turb, (T) other P<sup>39</sup> Deep <sup>40</sup> Shallow

Power (type): diesel, elec, nat gas, gasoline, hand, gas, wind; H.P. \_\_\_\_\_ Trans. of meter no. \_\_\_\_\_ <sup>41</sup>

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

Alt. LSD: \_\_\_\_\_ Accuracy: (source) \_\_\_\_\_ <sup>47</sup>

Water Level: 30 ft above MP; Ft below LSD 30 Accuracy: \_\_\_\_\_ <sup>52</sup>

Date meas: 766<sup>53</sup> Yield: \_\_\_\_\_ gpm 3<sup>60</sup> Method determined <sup>61</sup>

Drawdown: \_\_\_\_\_ ft \_\_\_\_\_ Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs \_\_\_\_\_ <sup>66</sup> <sup>68</sup>

QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm \_\_\_\_\_ Sulfate \_\_\_\_\_ ppm \_\_\_\_\_ Chloride \_\_\_\_\_ ppm \_\_\_\_\_ Hard. \_\_\_\_\_ ppm \_\_\_\_\_ <sup>69</sup> <sup>70</sup> <sup>71</sup> <sup>72</sup>

Sp. Conduct \_\_\_\_\_ K x 10<sup>6</sup> \_\_\_\_\_ Temp. \_\_\_\_\_ °F \_\_\_\_\_ Date sampled \_\_\_\_\_ <sup>73</sup> <sup>74</sup> <sup>76</sup> <sup>77</sup> <sup>79</sup>

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

PUNCHED and VERIFIED  
ROLLA COMPUTATION BRANCH

Well No.

C 42

Well No. 42

Latitude-longitude N  
S  
d m s d m s

HYDROGEOLOGIC CARD

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

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

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

MAJOR AQUIFER: TE system series \_\_\_\_\_ aquifer, formation, group MW

Lithology: S Origin: 2 Aquifer Thickness: 225 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: 6" x 1/4" 79-85 ft

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

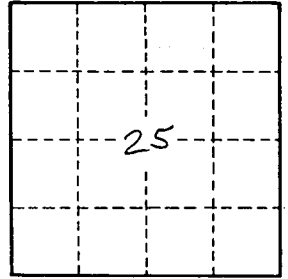
Depth to basement: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

Coefficient Trans: \_\_\_\_\_ gpd/ft<sup>2</sup> Coefficient Storage: \_\_\_\_\_

Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_

Sand + clay 0-35 ft  
 Clay + gravel 35-55  
 St + gravel 55-60  
 w/sand 60-85



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42