

WELL SCHEDULE

PUNCHED

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

DEC 28 1972

MASTER CARD

Record by J.S. Source of data POWC Date 6/70 Map \_\_\_\_\_

State IL County (or town) Alcorn 02

Latitude: 34<sup>deg</sup> 55<sup>min</sup> 30<sup>sec</sup> N Longitude: 08<sup>degrees</sup> 84<sup>min</sup> 50<sup>sec</sup> W Sequential number: 1

Lat-long accuracy: 5<sup>sec</sup> T. \_\_\_\_\_ S. R. \_\_\_\_\_ W. Sec \_\_\_\_\_ k. \_\_\_\_\_ k. \_\_\_\_\_ k. \_\_\_\_\_

Local well number: 51017351002505E<sup>34</sup> Other number: \_\_\_\_\_ B & M

Local use: 216<sup>35</sup> Owner or name: \_\_\_\_\_

Owner or name: RAY FINCE<sup>52</sup><sup>56</sup><sup>61</sup><sup>66</sup> Address: Corinth

Ownership: County, Fed Gov't, 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, 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: \_\_\_\_\_ Pumpage inventory:  yes  no, period: \_\_\_\_\_ <sup>75</sup> <sup>76</sup>

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

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

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: \_\_\_\_\_ ft 370<sup>20</sup> Meas. rept. accuracy \_\_\_\_\_ 3<sup>24</sup>

Depth cased; (first perf.) \_\_\_\_\_ ft 330<sup>25</sup> Casing type: PI<sup>28</sup>; Diam. \_\_\_\_\_ in 4<sup>29</sup>

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) percuss, (K) air rot., (L) air rot., (M) air percuss, (N) air percuss, (O) air percuss, (P) air percuss, (Q) air percuss, (R) air percuss, (S) air percuss, (T) air percuss, (U) air percuss, (V) air percuss, (W) air percuss, (X) air percuss, (Y) air percuss, (Z) air percuss, other \_\_\_\_\_ S<sup>31</sup>

Method Drilled: (A) air rot., (B) air rot., (C) air rot., (D) air rot., (E) air rot., (F) air rot., (G) air rot., (H) air rot., (I) air rot., (J) air rot., (K) air rot., (L) air rot., (M) air rot., (N) air rot., (O) air rot., (P) air rot., (Q) air rot., (R) air rot., (S) air rot., (T) air rot., (U) air rot., (V) air rot., (W) air rot., (X) air rot., (Y) air rot., (Z) air rot., other \_\_\_\_\_ H<sup>32</sup>

Date Drilled: 970<sup>33</sup> Pump intake setting: \_\_\_\_\_ ft \_\_\_\_\_ <sup>36</sup> <sup>38</sup>

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

Lift (type): (A) air, (B) bucket, (C) cent., (D) jet, (E) multiple, (F) multiple, (G) multiple, (H) multiple, (I) multiple, (J) multiple, (K) multiple, (L) multiple, (M) multiple, (N) multiple, (O) multiple, (P) multiple, (Q) multiple, (R) multiple, (S) multiple, (T) multiple, (U) multiple, (V) multiple, (W) multiple, (X) multiple, (Y) multiple, (Z) multiple, other \_\_\_\_\_  Deep  Shallow <sup>39</sup> <sup>40</sup>

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 3/4  Trans. or meter no. \_\_\_\_\_ <sup>41</sup>

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

Alt. LSD: \_\_\_\_\_ 580<sup>42</sup> Accuracy: \_\_\_\_\_ (source) \_\_\_\_\_ <sup>47</sup>

Water Level: 120<sup>43</sup> ft above \_\_\_\_\_ below MP; Ft. below LSD 120<sup>48</sup> Accuracy: \_\_\_\_\_ <sup>52</sup>

Date meas: \_\_\_\_\_ 570<sup>53</sup> Yield: \_\_\_\_\_ gpm \_\_\_\_\_ <sup>56</sup> <sup>60</sup> Method determined \_\_\_\_\_ <sup>61</sup>

Drawdown: \_\_\_\_\_ ft \_\_\_\_\_ Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs \_\_\_\_\_ <sup>62</sup> <sup>64</sup> <sup>65</sup> <sup>66</sup> <sup>68</sup>

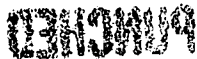
QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm \_\_\_\_\_ Sulfate \_\_\_\_\_ ppm \_\_\_\_\_ Chloride \_\_\_\_\_ ppm \_\_\_\_\_ Hard. \_\_\_\_\_ ppm \_\_\_\_\_ <sup>69</sup> <sup>70</sup> <sup>71</sup> <sup>72</sup>

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. \_\_\_\_\_

Well No. 17

Well No. E 17



Latitude-longitude N  
S  
 d m s d m s

**HYDROGEOLOGIC CARD**

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

Drainage Basin: D 164 Subbasin: \_\_\_\_\_

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (P) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system \_\_\_\_\_ series H3 aquifer, formation, group SM

Lithology: US Origin: 3 Aquifer Thickness: 14 ft

Length of well open to: \_\_\_\_\_ ft Depth to top of: 348 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: 4" Plastic

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

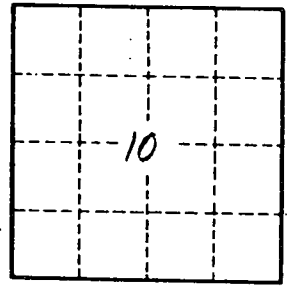
Depth to basement: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

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

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

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

Sand 0-6  
 Clay 6-18  
 Sand 18-130  
 Clay 130-147  
 Sand 147-226  
 blue clay 226-307  
 Sand 307-312  
 Rock 312-313  
 Sand 315-321  
 Rock 321-322  
 Sand 322-346  
 Rock 346-348  
 Sand 348-362  
 Blue clay 362-370



Well No.

E 17