

WELL SCHEDULE  
GEOLOGICAL SURVEY

U. S. DEPT. OF THE INTERIOR

**PUNCHED**  
WATER RESOURCES DIVISION  
**DEC 28 1972**

MASTER CARD

Record by JCM Source of data BOWC Date 11-71 Map \_\_\_\_\_

State 28 County (or town) Alcorn 02

Latitude: 34<sup>5</sup> 57<sup>10</sup> N<sup>1</sup> Longitude: 09<sup>8</sup> 46<sup>45</sup> W<sup>1</sup> Sequential number: 1

Lat-long accuracy: 5<sup>70</sup> T 1<sup>8</sup> S R 50<sup>9</sup> Sec 33<sup>10</sup>

Local well number: A016<sup>21</sup> 3301505E<sup>32</sup> Other number: \_\_\_\_\_ B & M

Local use: 125<sup>33</sup> Owner or name: \_\_\_\_\_

Owner or name: W. H. SMITH<sup>34</sup> Address: Walnut<sup>40</sup>

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist \_\_\_\_\_ P<sup>47</sup>

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) (T) (U) (V) (W) (X) (Y) (Z) \_\_\_\_\_ H<sup>48</sup>

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed, (D) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) \_\_\_\_\_ W<sup>49</sup>

DATA AVAILABLE: Well data  Freq. W/L meas.:  Field aquifer char.

Hyd. lab. data: \_\_\_\_\_

Qual. water data; type: \_\_\_\_\_

Freq. sampling:  Pumpage inventory:  yes no; period: \_\_\_\_\_

Aperture cards: \_\_\_\_\_ yes

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

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well: \_\_\_\_\_ ft 95<sup>19</sup> Meas. rept \_\_\_\_\_ 3<sup>24</sup> accuracy \_\_\_\_\_

Depth cased; (first perf.) \_\_\_\_\_ ft 87<sup>25</sup> Casing type: PLC<sup>26</sup>; Diam. \_\_\_\_\_ in 4<sup>29</sup>

Finish: (C) porous concrete, (F) gravel w. (perfor.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) open perf., (K) screen, (L) sd. pt., (M) shored, (N) open hole, (O) other \_\_\_\_\_ G<sup>30</sup>

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd jetted, (F) air rot., (G) percuss, (H) rotary, (I) air reverse, (J) trenching, (K) driven, (L) wash, (M) other \_\_\_\_\_ H<sup>32</sup>

Date Drilled: 971<sup>33</sup> Pump intake setting: \_\_\_\_\_ ft \_\_\_\_\_ 36<sup>36</sup> 38

Driller: Robert W. Wilson<sup>35</sup> 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

Power (type): diesel, ~~exc~~, gas, gasoline, hand, gas, wind, H.P. 3/4<sup>41</sup> 5<sup>41</sup> Trans. or meter no. \_\_\_\_\_

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

Alt. LSD: \_\_\_\_\_ Accuracy: (source) \_\_\_\_\_ 47

Water Level \_\_\_\_\_ ft above below MP; Ft above below LSD 35<sup>48</sup> Accuracy: \_\_\_\_\_ D<sup>52</sup>

Date meas: \_\_\_\_\_ 671<sup>53</sup> Yield: \_\_\_\_\_ gpm 10<sup>56</sup> Method determined \_\_\_\_\_ 61

Drawdown: \_\_\_\_\_ ft \_\_\_\_\_ Accuracy: \_\_\_\_\_ 65 Pumping period \_\_\_\_\_ hrs \_\_\_\_\_ 68

QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm \_\_\_\_\_ Sulfate \_\_\_\_\_ ppm \_\_\_\_\_ Chloride \_\_\_\_\_ ppm \_\_\_\_\_ Hard. \_\_\_\_\_ 72

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

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

Well No. A 16

Well No. \_\_\_\_\_

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

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: \_\_\_\_\_

03 Section: \_\_\_\_\_

Drainage Basin: \_\_\_\_\_

16L Subbasin: \_\_\_\_\_

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

MAJOR AQUIFER: system \_\_\_\_\_ series K3 aquifer, formation, group SM

Lithology: US Origin: 3 Aquifer Thickness: 30 ft

Length of well open to: \_\_\_\_\_ ft 8 Depth to top of: \_\_\_\_\_ ft 6.5

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" Gravel Pack

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

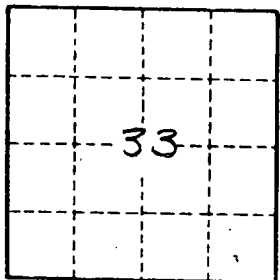
Depth to basement: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_

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: \_\_\_\_\_

clay 0-4  
red clay 4-15  
red clay & sand 15-22  
red sand 22-35  
yellow sd & rd rk 35-45  
" " " white clay 45-65  
" " " 65-95



Well No.

A16