

JUN 17 1975

FORM 9-1642 (1-68)

Well No. M 41

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by JCM Source of data BOWC Date 10-71 Map \_\_\_\_\_

State 28 County (or town) LEAKE 40

Latitude: 324105 N Longitude: 0892045 Sequential number: 1

Lat-long accuracy: 3 T. 100 S. R. 90 W. Sec 26 S.E. N.E. S.W. W.

Local well number: M041AC2610N09E Other number: \_\_\_\_\_ B & M

Local use: 47 Owner or name: JOE SMITH Address: Madden

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist P

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, water: H

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. W

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:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 42 Meas. 3

Depth cased: (first perf.) 37 Casing type: PVC Diam. 2

Finish: porous gravel v. concrete, (perf.), (screen), (gallery, end), horis. open perf., screen, sd. pt., shored, open hole, other S

Method Drilled: (A) air bored, (B) cable, (C) dug, (D) hyd jetted, (E) rot., (F) air reverse, (G) percussion, (H) rotary, (I) trenching, (J) driven, (K) wash, (L) other H

Date Drilled: 9-7-71 Pump intake setting: \_\_\_\_\_ ft

Driller: THOMAS & Son 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

Power (type): X nat, LP diesel, elec, gas, gasoline, hand, gas, wind; H.P. 1/2  Trans. or meter no. 5

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

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

Water Level \_\_\_\_\_ ft below MP; Ft below LSD 20 Accuracy: \_\_\_\_\_

Date meas: 071 Yield: \_\_\_\_\_ gpm Method determined \_\_\_\_\_

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

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

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

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

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

**HYDROGEOLOGIC CARD**

SAME AS ON MASTER CARD <sup>19</sup> Physiographic Province: 03 Section: \_\_\_\_\_  
<sub>20 21</sub>

D <sup>22</sup> Drainage Basin: \_\_\_\_\_ <sub>23 25</sub> Subbasin: \_\_\_\_\_ <sub>26</sub>

(D) (C) (E) (F) (H) (K) (L)  
Topo of well site: depression, stream channel, dunes, flat, hilltop, sink, swamp,  
(Ø) (P) (S) (T) (U) (V)  
offshore, pediment, hillside, terrace, undulating, valley flat \_\_\_\_\_ <sub>27</sub>

MAJOR AQUIFER: \_\_\_\_\_ <sub>28 29</sub> \_\_\_\_\_ <sub>30 31</sub>  
system series aquifer, formation, group

Lithology: \_\_\_\_\_ <sub>32 33</sub> Origin: \_\_\_\_\_ <sub>34</sub> Aquifer Thickness: 12 ft  
Length of well open to: \_\_\_\_\_ ft <sub>35 37</sub> Depth to top of: 5 ft <sub>38 40</sub> Depth to top of: 3.0 ft <sub>41 43</sub>

MINOR AQUIFER: \_\_\_\_\_ <sub>44 45</sub> \_\_\_\_\_ <sub>46 47</sub>  
system series aquifer, formation, group

Lithology: \_\_\_\_\_ <sub>48 49</sub> Origin: \_\_\_\_\_ <sub>50</sub> Aquifer Thickness: \_\_\_\_\_ ft  
Length of well open to: \_\_\_\_\_ ft <sub>51 53</sub> Depth to top of: \_\_\_\_\_ ft <sub>54 56</sub> Depth to top of: \_\_\_\_\_ ft <sub>57 59</sub>

Intervals Screened: 2" PVC

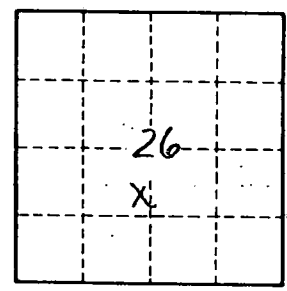
Depth to consolidated rock: \_\_\_\_\_ ft <sub>60 63</sub> Source of data: \_\_\_\_\_ <sub>64</sub>

Depth to basement: \_\_\_\_\_ ft <sub>65 68</sub> Source of data: \_\_\_\_\_ <sub>69</sub>

Surficial material: \_\_\_\_\_ <sub>70 71</sub> Infiltration characteristics: \_\_\_\_\_ <sub>72</sub>

Coefficient Trans: \_\_\_\_\_ gpd/ft <sub>73 75</sub> Coefficient Storage: \_\_\_\_\_ <sub>76 78</sub>

Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_ <sub>79</sub>



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