

APR 30 1975

FORM 9-1642 (1-68)

Well No.

D105

PUNCHED

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by Q Source of data MSBOWC Date 3/74 Map \_\_\_\_\_

State MISS County 28 (or town) Lauderdale 38

Latitude: 32<sup>deg</sup> 29<sup>m</sup> 48<sup>sec</sup> N Longitude: 08<sup>degrees</sup> 83<sup>min</sup> 02<sup>sec</sup> W Sequential number: 1

Lat-long accuracy: 4 T. 8 S. R. 1 W. Sec 36 z z z

Local well number: D105 3608N17E Other number: \_\_\_\_\_ B & H \_\_\_\_\_

Local use: 008 Owner or name: \_\_\_\_\_

Owner or name: P. D. McFAIL Address: West Bank of Dalewood Lake

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (B) Stock, (C) Instit, (D) Unused, (E) Repressure, (F) Recharge, (G) Desal-P S, (H) Desal-other, (I) Other \_\_\_\_\_ H

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) 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: \_\_\_\_\_ D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: \_\_\_\_\_ ft 150 Meas. rept accuracy: \_\_\_\_\_ 3

Depth cased: \_\_\_\_\_ ft 144 Casing type: \_\_\_\_\_; Diam. in \_\_\_\_\_ 4

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 \_\_\_\_\_ S

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

Date drilled: 3-6-74 9-7-74 Pump intake setting: \_\_\_\_\_ ft \_\_\_\_\_ 38

Driller: McDonald - H. H.

Lift (type): (A) air, (B) bucket, (C) cent. jet, (D) multiple (cent.), (E) multiple (turb.), (F) open, (G) none, (H) piston, (I) rot., (J) submerg., (K) turb., (L) other \_\_\_\_\_ J Deep  Shallow

(type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. \_\_\_\_\_ 12 \_\_\_\_\_ meter no. \_\_\_\_\_

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

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

Water Level \_\_\_\_\_ ft above \_\_\_\_\_ ft below MP; Ft. below LSD \_\_\_\_\_ 12 Accuracy: \_\_\_\_\_ D

Date meas: \_\_\_\_\_ Yield: \_\_\_\_\_ gpm \_\_\_\_\_ Method determined \_\_\_\_\_ 61

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

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

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

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

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

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

**HYDROGEOLOGIC CARD**

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

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

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

**MAJOR AQUIFER:** \_\_\_\_\_ <sup>28 29</sup> TE \_\_\_\_\_ <sup>30 31</sup> LW \_\_\_\_\_  
system series aquifer, formation, group

**Lithology:** \_\_\_\_\_ <sup>32 33</sup> S **Origin:** \_\_\_\_\_ <sup>34</sup> 2 **Aquifer Thickness:** \_\_\_\_\_ <sup>35 36</sup> 60 ft

**Length of well open to:** \_\_\_\_\_ <sup>37</sup> ft **Depth to top of:** \_\_\_\_\_ <sup>38 39</sup> 6 ft **Depth to top of:** \_\_\_\_\_ <sup>40 41</sup> 9.0 ft

**MINOR AQUIFER:** \_\_\_\_\_ <sup>42 43</sup> \_\_\_\_\_ <sup>44 45</sup> \_\_\_\_\_ <sup>46 47</sup> \_\_\_\_\_  
system series aquifer, formation, group

**Lithology:** \_\_\_\_\_ <sup>48 49</sup> \_\_\_\_\_ <sup>50</sup> \_\_\_\_\_ <sup>51 52</sup> \_\_\_\_\_ <sup>53 54</sup> \_\_\_\_\_ <sup>55 56</sup> \_\_\_\_\_ <sup>57 58 59</sup> \_\_\_\_\_  
system series aquifer, formation, group

**Length of well open to:** \_\_\_\_\_ <sup>60</sup> ft **Depth to top of:** \_\_\_\_\_ <sup>61 62</sup> \_\_\_\_\_ <sup>63 64</sup> \_\_\_\_\_ <sup>65 66</sup> \_\_\_\_\_ <sup>67 68</sup> \_\_\_\_\_ <sup>69 70</sup> \_\_\_\_\_ <sup>71 72</sup> \_\_\_\_\_ <sup>73 74</sup> \_\_\_\_\_ <sup>75 76</sup> \_\_\_\_\_ <sup>77 78</sup> \_\_\_\_\_

**Intervals Screened:** \_\_\_\_\_

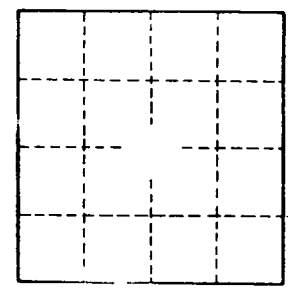
**Depth to consolidated rock:** \_\_\_\_\_ <sup>79 80</sup> \_\_\_\_\_ <sup>81 82</sup> \_\_\_\_\_ <sup>83 84</sup> \_\_\_\_\_ **Source of data:** \_\_\_\_\_ <sup>85 86</sup> \_\_\_\_\_

**Depth to basement:** \_\_\_\_\_ <sup>87 88</sup> \_\_\_\_\_ <sup>89 90</sup> \_\_\_\_\_ <sup>91 92</sup> \_\_\_\_\_ **Source of data:** \_\_\_\_\_ <sup>93 94</sup> \_\_\_\_\_

**Surficial material:** \_\_\_\_\_ <sup>95 96</sup> \_\_\_\_\_ <sup>97 98</sup> \_\_\_\_\_ **Infiltration characteristics:** \_\_\_\_\_ <sup>99 100</sup> \_\_\_\_\_

**Coefficient Trans:** \_\_\_\_\_ <sup>101 102</sup> \_\_\_\_\_ <sup>103 104</sup> \_\_\_\_\_ **Coefficient Storage:** \_\_\_\_\_ <sup>105 106</sup> \_\_\_\_\_

**Coefficient Perm:** \_\_\_\_\_ <sup>107 108</sup> \_\_\_\_\_ <sup>109 110</sup> \_\_\_\_\_ **Spec cap:** \_\_\_\_\_ <sup>111 112</sup> \_\_\_\_\_ **Number of geologic cards:** \_\_\_\_\_ <sup>113 114</sup> \_\_\_\_\_



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