

to Log # 28

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD JAG
Record by WTO

Source of data MSGs Date 3/69 Map

12/3/71

State 28 County (or town) Pontotoc 58

Latitude: 341710N Longitude: 0885538 Sequential number: 1

Lat-long accuracy: 3 9 3 40 19 5 5 3 8 1

Local well number: D025CB1909504E Other number: B & M

Local use: 021028 Owner or name: #2 site A

Owner or name: E. PONTOTOC W. AM Address: Pontotoc, Miss

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist Well # 1 N

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

Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other P

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

DATA AVAILABLE: Well data 70 Freq. W/L meas: 71 Field aquifer char. 72

Hyd. lab. data: 73

Qual. water data; type: USGS 6/72 C

Freq. sampling: 75 Pumpage inventory: 76

Aperture cards: 77

Log data: DE 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1166 ft 1080 Meas. rept 24 3

Depth cased: 5 ft 5 events 1941 Casing type: Steel Diam. 8x4 in 8

Finish: porous concrete, gravel, gravel w. screen, gravel w. screen, open perf., screen, sd. pt., shored, open hole, other 31

Method: air bored, cable, dug, hyd jetted, air reverse trenching, driven, drive rot., rot., percussion, rotary, wash, other 32

Date Drilled: 2/69 9:69 Pump intake setting: 30 30

Driller: Herndon-Homan

Lift (type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other T Deep 39 Shallow 40

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 40 V Trans. or meter no. 41

Descrip. MP 42 ft above 43 ft below LSD, Alt. MP 44

Alt. LSD: 501 Accuracy: topo 47 3

Water Level: 301 Accuracy: 100 52 D

Date meas: 3:69 Yield: 200 Method determined 51

Drawdown: 53 Accuracy: 54 Pumping period 55 hrs 56

QUALITY OF WATER DATA: Iron 57 Sulfate 58 Chloride 59 Hard. 60

Sp. Conduct 400 K x 10⁶ 3 Temp. 22.0 Date sampled 6:72

Taste, color, etc. pH = 7.9

RECORDED

Well No.

D 25

10/80
336

Well No. D 25

Latitude-longitude N
S

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section:

D Drainage Basin: 113B Subbasin:

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

MAJOR AQUIFER: system K3 series EZ aquifer, formation, group

Lithology: US Origin: 6 Aquifer Thickness: 205 ft

146 Length of well open to: ft 810 Depth to top of: 850 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: 941-951 ; 964-974 ; 997-1037 ; 1060-1080

Depth to consolidated rock: ft Source of data:

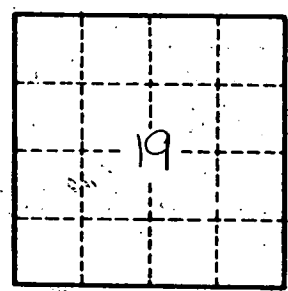
Depth to basement: ft Source of data:

Surficial material: Infiltration characteristics:

Coefficient Trans: gpd/ft Coefficient Storage:

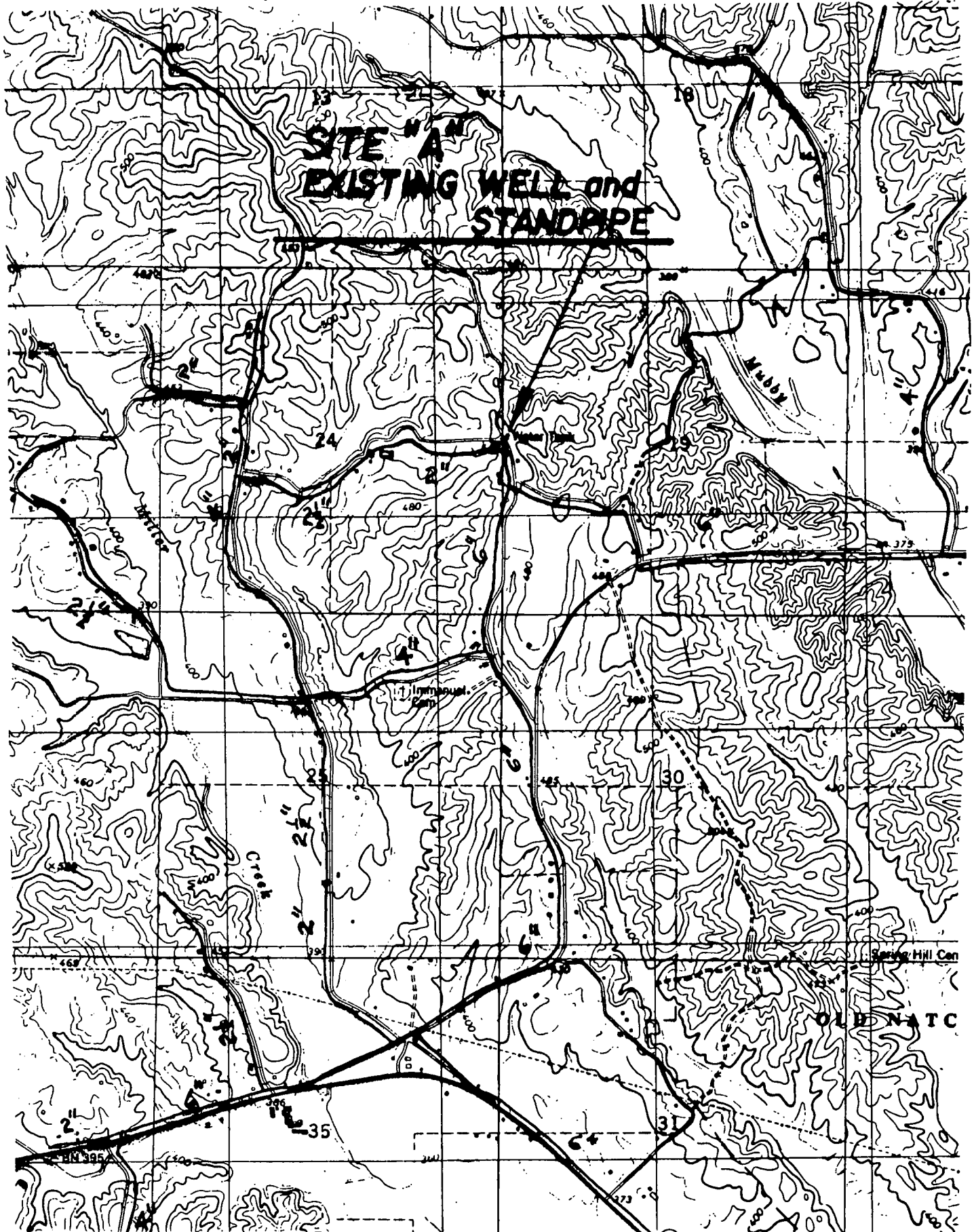
Coefficient Perm: gpd/ft²; Spec cap: gpm/ft; Number of geologic cards:

2 gpm / ft reported



Well No.

D 25



T 9 S

WEST SITE

Pontotoc
D25
4-69
M.G.S.
4
 date well completed

MISSISSIPPI
 BOARD OF WATER COMMISSIONERS CODED
 416 North State Street
 Jackson, Mississippi 39201

WATER WELL DRILLERS LOG

Heardon-Homan Well & Supply, Pontotoc
 firm name county well located

LANDOWNER: <u>Last Pontotoc</u> <u>Water District</u> <u>Pontotoc Co., Miss.</u> <small>(mailing address)</small>	description of formations encountered	from		
<p>WELL LOCATION: sec. <u>19</u> T. <u>9</u> S. R. <u>4</u> E. <u>2</u> miles <u>North</u> of <u>Furness</u> <small>(distance) (direction) (nearest town)</small></p> <p>WELL PURPOSE: <u>Community</u> <small>(home, irrigation, municipal, industrial)</small></p> <p>WELL COMPLETION DATA:</p> <p>(1) diameter (inches) <u>8"</u></p> <p>(2) total depth (feet) <u>1079</u></p> <p>(3) static water level (feet) <u>301</u> below above top of ground.</p> <p>(4) casing <u>Steel</u> <u>934</u> <small>(material) (depth)</small> <u>8"</u> if telescope see back. <small>(size)</small></p> <p>(5) screen <u>80</u> <u>935</u> <small>(length) (depth to top)</small> <u>4"</u> <u>304</u> <u>5.5</u> <small>(size) (material)</small></p> <p>(6) pump <u>40</u> <u>200</u> <small>(HP) (yield gpm)</small> <u>Electric</u> <small>(type power)</small></p> <p>(7) electric log <u>used</u> <small>(yes or no)</small> <u>Miss. Geological</u> <small>(organization running log)</small></p> <p>(8) how well bottom plugged _____</p>	<u>Yellow clay</u> <u>Hard rock</u> <u>Black Sand (hard)</u> <u>Yellow clay</u> <u>Hard rock</u> <u>Coarse sand</u> <u>hard rock</u> <u>Sand & rock</u> <u>Sand (white)</u> <u>Power sand</u> <u>Sandy shale (Black)</u> <u>Flumbo</u> <u>white chalk</u> <u>sandy shale</u> <u>sand & fine</u> <u>sand</u> <u>Brown shale</u> <u>Coarse brown sand</u> <u>with fine gravel</u> <u>Shale + coarse sand</u> <u>steak 1130 rock</u> <u>Hard rock</u>	<u>0</u> <u>15</u> <u>15</u> <u>22</u> <u>24</u> <u>31</u> <u>45</u> <u>48</u> <u>70</u> <u>100</u> <u>120</u> <u>200</u> <u>330</u> <u>590</u> <u>850</u> <u>910</u> <u>1085</u> <u>1100</u> <u>1115</u> <u>1130</u> <u>1162</u>	<u>11</u> <u>11</u> <u>12</u> <u>12</u> <u>13</u> <u>14</u> <u>16</u> <u>17</u> <u>18</u> <u>19</u> <u>20</u> <u>21</u> <u>22</u> <u>23</u> <u>24</u> <u>25</u> <u>26</u> <u>27</u> <u>28</u> <u>29</u> <u>30</u> <u>31</u> <u>32</u> <u>33</u> <u>34</u> <u>35</u> <u>36</u> <u>37</u> <u>38</u> <u>39</u> <u>40</u> <u>41</u> <u>42</u> <u>43</u> <u>44</u> <u>45</u> <u>46</u> <u>47</u> <u>48</u> <u>49</u> <u>50</u> <u>51</u> <u>52</u> <u>53</u> <u>54</u> <u>55</u> <u>56</u> <u>57</u> <u>58</u> <u>59</u> <u>60</u> <u>61</u> <u>62</u> <u>63</u> <u>64</u> <u>65</u> <u>66</u> <u>67</u> <u>68</u> <u>69</u> <u>70</u> <u>71</u> <u>72</u> <u>73</u> <u>74</u> <u>75</u> <u>76</u> <u>77</u> <u>78</u> <u>79</u> <u>80</u> <u>81</u> <u>82</u> <u>83</u> <u>84</u> <u>85</u> <u>86</u> <u>87</u> <u>88</u> <u>89</u> <u>90</u> <u>91</u> <u>92</u> <u>93</u> <u>94</u> <u>95</u> <u>96</u> <u>97</u> <u>98</u> <u>99</u> <u>100</u>	
	DRILLERS REMARKS:		MAY 27 1969	
			MISS. Bd. OF WATER COMM.	

NE PONTOTOC



(SOUTHEAST PONTOTOC) 3252 III NW R 3 E R 4 E FURRS 4 MI. 55' 24 25 INTERIOR—GEOLOGICAL SURVEY

SCALE 1:24 000

1 MILE

111

ROAD CLASS
Primary highway,
hard surface