

WRD Exp. (GW)  
April 1966

Well No. 518

### WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

#### MASTER CARD

PUNCHED and VERIFIED  
COMPUTATION BRANCH

Record by J. Shell Source of data BOWL Date 10/1/68 Map 1

State 28 County (or town) Pike 57

Latitude: 31<sup>5</sup> 02<sup>7</sup> 46<sup>9</sup> N<sup>2</sup> Longitude: 09<sup>12</sup> 02<sup>15</sup> 28<sup>54</sup> Sequential number: 1<sup>19</sup>

Lat-long accuracy: 5<sup>20</sup> T. 1<sup>0</sup> S, R 7<sup>0</sup> W, Sec 15, 1<sup>25</sup>, 1<sup>30</sup>, 1<sup>34</sup>

Local well number: K018<sup>21</sup> 1501<sup>25</sup> N07E<sup>30</sup> Other number:           <sup>34</sup> B & M

Local use: 065<sup>35</sup>           <sup>40</sup>           <sup>45</sup>           <sup>51</sup> Owner or name: JIM SPEED<sup>52</sup>           <sup>56</sup>           <sup>61</sup>           <sup>66</sup> Address:           

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist P<sup>67</sup>

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) P S, (K) Rec, (L) Stock, (M) Instit, (N) Unused, (O) Repressure, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other H<sup>68</sup>

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<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: <sup>75</sup> Pumpage inventory:  yes  no, period: <sup>76</sup>

Aperture cards:  yes  no <sup>77</sup>

Log data: <sup>78</sup> <sup>79</sup>

#### WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 85 ft 85 Meas. accuracy 3<sup>24</sup>

Depth cased: (first perf.) 80 ft 80 Casing type:           <sup>25</sup>           <sup>28</sup>; Diam. 4 in 4<sup>29</sup> 4<sup>30</sup>

Finish: (A) porous concrete, (B) gravel w. (perf.), (C) gravel w. (screen), (D) horiz. gallery, (E) open hole, (F) other, (G) perf., (H) screen, (I) sd. pt., (J) shored, (K) open hole, (L) other 5<sup>31</sup>

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

Date Drilled: 10/63 9:6:3 Pump intake setting:            ft           <sup>33</sup>           <sup>35</sup>           <sup>36</sup>           <sup>38</sup>

Driller:            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 0<sup>39</sup> 0<sup>40</sup>

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind; H.P.  Trans. or meter no.           <sup>41</sup>

Descrip. MP            above            ft below LSD. Alt. MP           <sup>42</sup>           <sup>45</sup>           <sup>47</sup>

Alt. LSD:            Accuracy: (source)           <sup>48</sup>           <sup>51</sup>

Water Level: 60 ft above below MP; Ft. below LSD 60 Accuracy:           <sup>52</sup>           <sup>55</sup>

Date meas: 10/63 063 Yield:            gpm            Method determined           <sup>53</sup>           <sup>55</sup>           <sup>56</sup>           <sup>60</sup>           <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           <sup>69</sup> Sulfate ppm           <sup>70</sup> Chloride ppm           <sup>71</sup> Hard. ppm           <sup>72</sup>

Sp. Conduct            K x 10<sup>6</sup> Temp. °F           <sup>73</sup>           <sup>74</sup>           <sup>76</sup> Date sampled           <sup>77</sup>           <sup>79</sup>

Taste, color, etc.           

Well No. 518

Well No. K18

Latitude-longitude N  
S  
d m s d m s

HYDROGEOLOGIC CARD

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

0 Drainage Basin: IAH 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 TP \_\_\_\_\_ aquifer, formation, group CI

Lithology: \_\_\_\_\_ Origin: 2 Aquifer Thickness: 260 ft

Length of well open to: \_\_\_\_\_ ft \_\_\_\_\_ Depth to top of: \_\_\_\_\_ ft 25

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: 411

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

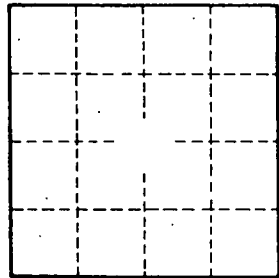
Depth to basement: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_

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

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

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

*1 mile s/w Chatawa*



Well No.

*K18*