

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by M Smith Source of data \_\_\_\_\_ Date 7/70 Map \_\_\_\_\_

State 28 County (or town) 14

Latitude: 34 10 59 N Longitude: 09 03 34 W Sequential number: 1

Lat-long accuracy: 2 70 T. 27 S. R. 4 Sec 25, SW 1, NE 1

Local well number: JO18CA2527N04W Other number: South power plant #3

Local use: 064 Owner or name: \_\_\_\_\_

Owner or name: CLARKSDALE Address: \_\_\_\_\_

Ownership: (C) County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist M

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other E

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed, (W) 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: 146 ft Meas. rept accuracy 6

Depth cased: (first perf.) 96 ft Casing type: \_\_\_\_\_; Diam. 26x20 in 26

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

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

Date Drilled: 957 Pump intake setting: 110 ft

Driller: Laync

Lift (type): (A) air, bucket, cent, jet, (B) multiple, (C) multiple, (D) none, piston, rot, submerg, turb, other T Deep  Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 125 Trans. or meter no. W

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

Accuracy: (source) 170 3

Yield: 3591 gpm Method determined 4

Pumping period: \_\_\_\_\_ hrs

Sulfate \_\_\_\_\_ ppm Chloride \_\_\_\_\_ ppm Hard. \_\_\_\_\_ ppm

Temp. \_\_\_\_\_ °F Date sampled \_\_\_\_\_

PUNCHED and VERIFIED  
ROLLA COMPUTATION BRANCH

Well No.

518

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

**HYDROGEOLOGIC CARD**

**1** SAME AS ON MASTER CARD **19** Physiographic Province: 03 **20, 21** Section: \_\_\_\_\_

**22** E **23** Drainage Basin: 15H **25** Subbasin: \_\_\_\_\_ **26**

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

**28** MAJOR AQUIFER: Q G **29** system series aquifer, formation, group M A **30, 31**

**32** Lithology: G **33** Origin: 2 **34** Aquifer Thickness: \_\_\_\_\_ ft

**35** 51 **37** Length of well open to: \_\_\_\_\_ ft **38** 50 **40** Depth to top of: \_\_\_\_\_ ft **41** 95 **43**

**44** MINOR AQUIFER: \_\_\_\_\_ **45** system series aquifer, formation, group \_\_\_\_\_ **46, 47**

**48** Lithology: \_\_\_\_\_ **49** Origin: \_\_\_\_\_ **50** Aquifer Thickness: \_\_\_\_\_ ft

**51** \_\_\_\_\_ **53** Length of well open to: \_\_\_\_\_ ft **54** \_\_\_\_\_ **56** Depth to top of: \_\_\_\_\_ ft **57** \_\_\_\_\_ **59**

**60** Intervals Screened: \_\_\_\_\_ **63**

**64** Depth to consolidated rock: \_\_\_\_\_ ft **65** \_\_\_\_\_ **68** Source of data: \_\_\_\_\_

**69** Depth to basement: \_\_\_\_\_ ft **70** \_\_\_\_\_ **73** Source of data: \_\_\_\_\_

**72** Surficial material: \_\_\_\_\_ **74** Infiltration characteristics: \_\_\_\_\_

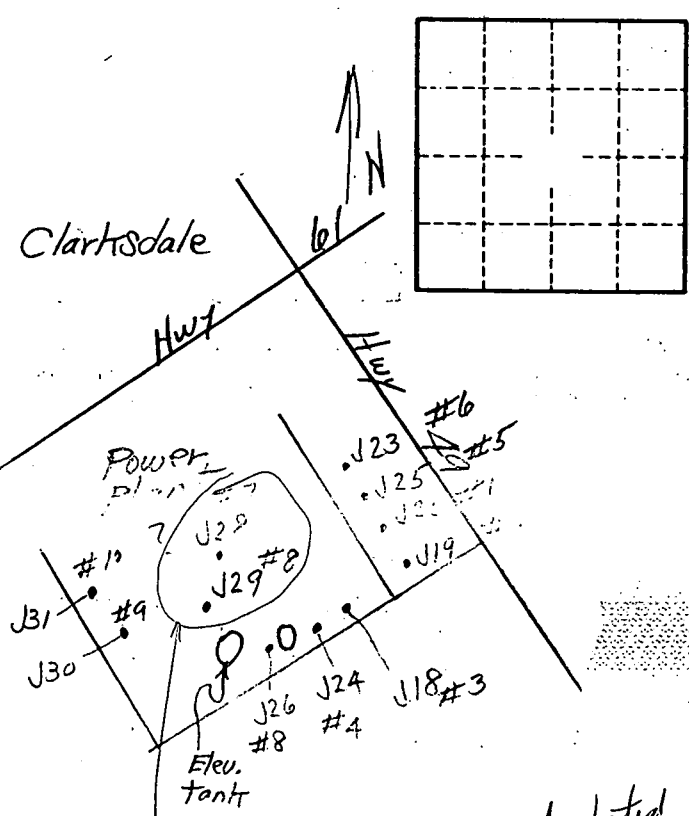
**76** Coefficient Trans: \_\_\_\_\_ gpd/ft **77** \_\_\_\_\_ **78** Coefficient Storage: \_\_\_\_\_

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

- 0 - 24 clay
- 24 - 45 coarse sand
- 45 - 50 fine "
- 50 - 85 gravel
- 85 - 95 sandy clay
- 95 - 107 gravel
- 107 - 110 sand rock
- 110 - 117 gravel
- 117 - 119 rock
- 119 - 146 pea gravel

Wells used for cooling water are:  
 1, 2, 3, 4, 5, 6, 7, 8, 9 + 10

#8 or J26 is a deep well.



Plat from City Wtr. Dept. dated 6/30/92 (Received @ OLWR 2/01) shows position of #7 and #8 wells reversed.

Well No. J18