

WRD Exp. (GW)  
April 1966

Well No. R4

### WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

#### MASTER CARD

Record by R. Callahan Source of data Mbowc Field Date 9-12-67 Map Shubuta Quad

State MISS County Clarke (or town) 12

Latitude: 31° 51' 30" N Longitude: 088° 40' 58" W Sequential number: 1

Lat-long accuracy: 2' T. 100 S. R. 70 Sec 3 SE  $\frac{1}{4}$ , SE  $\frac{1}{2}$ , SW  $\frac{1}{4}$

Local well number: R004 R B 0310 N 07 W Other number: \_\_\_\_\_

Local use: 017 Owner or name: C. F. Cooley

Owner or name: C. F. COOLEY Address: Shubuta Miss

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, (H) Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other H

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, (W) 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: \_\_\_\_\_

Log data: Drillers log Mbowc

#### WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 223 ft Meas. rept

Depth cased: 211 ft Casing type: Steel; Diam. 4x2 in

Finish: porous concrete, gravel w. (perforated), gravel w. (screen), horiz. gallery, open perf., screen, sd. pt., shored, open hole, other S

Method: (A) air bored, (C) cable, (D) dug, (H) hyd jetted, (J) air reverse, (P) percussion, (R) rotary, (T) reverse trenching, (V) driven, (W) drive wash, other 2

Date Drilled: 5-62 Pump intake setting: 9-62 ft

Driller: Peoples & Rutledge Enterprise Miss

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, other P Deep P Shallow 40

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

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

Alt. LSD: 280 Accuracy: CI 10

Water Level: 80 ft above below MP; Ft above below LSD 80 Accuracy: rept

Date meas: 5-62 Yield: 562 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 \_\_\_\_\_ Temp. \_\_\_\_\_ °F Date sampled \_\_\_\_\_

Taste, color, etc. Fe stain, soft

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Latitude-longitude 31 51 30 088 40 58  
d m s d m s

**HYDROGEOLOGIC CARD**

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

**22** Drainage Basin: D **23** 13P **25** Subbasin: \_\_\_\_\_ **26**

**27** 7

**28** TE **29** Cockfield **30** 0 **31**

**32** Sand **33** U.S. **34** 2 **35** 12 **36** 12 **37** 730 **38** **39** **40** **41** **42** **43**

**44** \_\_\_\_\_ **45** \_\_\_\_\_ **46** \_\_\_\_\_ **47** \_\_\_\_\_

**48** \_\_\_\_\_ **49** \_\_\_\_\_ **50** \_\_\_\_\_ **51** \_\_\_\_\_ **52** \_\_\_\_\_ **53** \_\_\_\_\_ **54** \_\_\_\_\_ **55** \_\_\_\_\_ **56** \_\_\_\_\_ **57** \_\_\_\_\_ **58** \_\_\_\_\_ **59** \_\_\_\_\_

**60** \_\_\_\_\_ **61** \_\_\_\_\_ **62** \_\_\_\_\_ **63** \_\_\_\_\_ **64** \_\_\_\_\_

**65** \_\_\_\_\_ **66** \_\_\_\_\_ **67** \_\_\_\_\_ **68** \_\_\_\_\_ **69** \_\_\_\_\_

**70** \_\_\_\_\_ **71** \_\_\_\_\_ **72** \_\_\_\_\_

**73** \_\_\_\_\_ **74** \_\_\_\_\_ **75** \_\_\_\_\_ **76** \_\_\_\_\_ **77** \_\_\_\_\_ **78** \_\_\_\_\_

**79** \_\_\_\_\_

MAJOR AQUIFER: Tertiary system Eocene series TE aquifer, formation, group Cockfield aquifer Thickness: \_\_\_\_\_ ft

Lithology: \_\_\_\_\_ Origin: \_\_\_\_\_ Thickness: \_\_\_\_\_ ft

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

MINOR AQUIFER: \_\_\_\_\_ system \_\_\_\_\_ series \_\_\_\_\_ aquifer, formation, group \_\_\_\_\_ aquifer Thickness: \_\_\_\_\_ ft

Lithology: \_\_\_\_\_ Origin: \_\_\_\_\_ Thickness: \_\_\_\_\_ ft

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

Intervals Screened: 211-223 12' of 2" screen

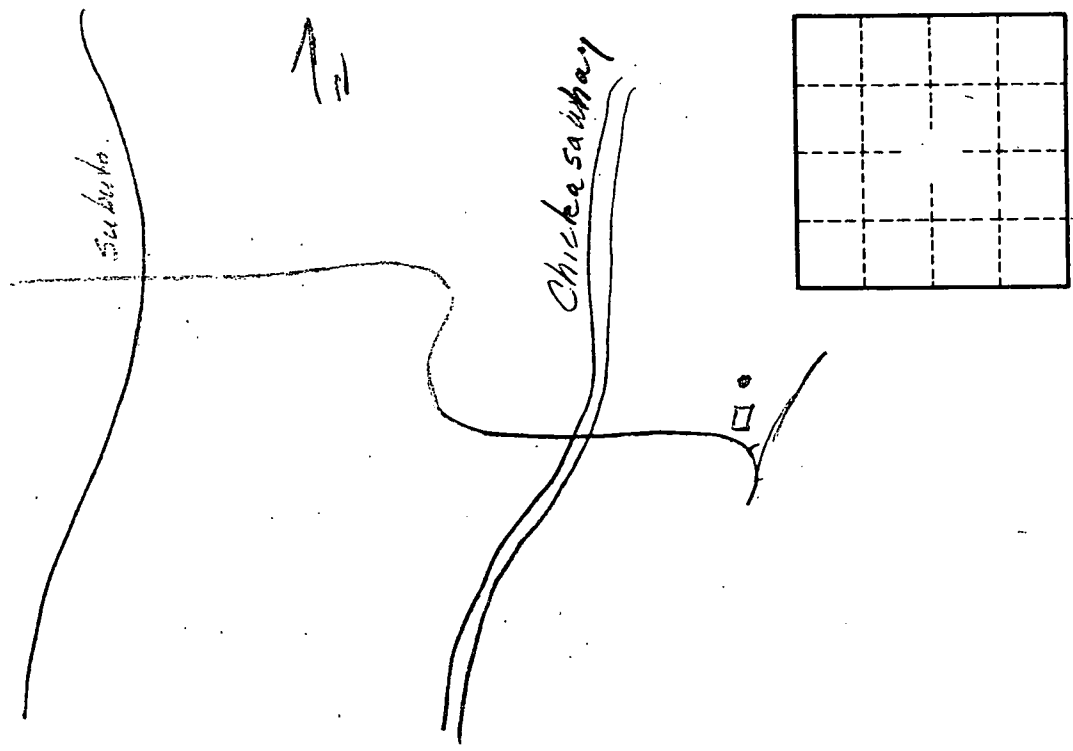
Depth to consolidated rock: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

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

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

Coefficient Trans: \_\_\_\_\_ gpd/ft Coefficient Storage: \_\_\_\_\_

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



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