

PUNCHED AND VERIFIED  
WOLLA COMPLETION BRANCH

WRD Exp. (GW)  
April 1966

Well No. B 15  
E-109 # 116

### WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

#### MASTER CARD

Record by Shaw 64 Source of data \_\_\_\_\_ Date \_\_\_\_\_ Map \_\_\_\_\_

State 28 County (or town) 34

Latitude: 31 45 10 N Longitude: 08 9 09 08 Sequential number: 1

Lat-long accuracy: 3 T. 9 S, R. 12 Sec 13, SW 1/4, NE 1/4

Local well number: B 0 1 5 C A 1 3 0 9 N 1 3 W Other well number: well # 1

Local use: 0 3 8 1 1 6 Owner or name: Shady Grove Water Assn

Owner or name: SHADY GROVE WVA Address: Shady Grove Meas

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

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

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 Z

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: M Bowl D E

#### WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: \_\_\_\_\_ ft 384 Meas. rept accuracy 3

Depth cased: (first perf.) \_\_\_\_\_ ft 348 Casing type: Steel; Diam. 6 x 4 in 6

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) percuss, (K) air rot., (L) air percussion, (M) air rotary, (N) air reverse, (O) air drive, (P) air wash, (Q) air drive wash, (R) air drive wash, (S) air drive wash, (T) air drive wash, (U) air drive wash, (V) air drive wash, (W) air drive wash, (X) air drive wash, (Y) air drive wash, (Z) air drive wash S

Method: (A) bored, (B) cable, (C) dug, (D) hyd rot., (E) jetted, (F) air percussion, (G) air rotary, (H) air reverse, (I) air drive, (J) air wash, (K) air drive wash, (L) air drive wash, (M) air drive wash, (N) air drive wash, (O) air drive wash, (P) air drive wash, (Q) air drive wash, (R) air drive wash, (S) air drive wash, (T) air drive wash, (U) air drive wash, (V) air drive wash, (W) air drive wash, (X) air drive wash, (Y) air drive wash, (Z) air drive wash H

Date Drilled: 6/65 9:65 Pump intake setting: \_\_\_\_\_ ft \_\_\_\_\_

Driller: Alan Shaw Columbia

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 C Deep  Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 15 7 Trans. or meter no. \_\_\_\_\_

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

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

Water Level: \_\_\_\_\_ ft above \_\_\_\_\_ below MP; Ft below LSD 155 Accuracy: \_\_\_\_\_

Date meas: 9:65 Yield: \_\_\_\_\_ 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<sup>6</sup> Temp. \_\_\_\_\_ °F Date sampled \_\_\_\_\_

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

Well No. 115

Well No. B15

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

**HYDROGEOLOGIC CARD**

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

Drainage Basin: \_\_\_\_\_ Subbasin: \_\_\_\_\_

Topo of well site: (D) depression, stream channel, dunes, flat, (H) hilltop, sink, swamp, (K) (L) offshore, pediment, hillside, terrace, undulating, valley flat \_\_\_\_\_ 27 HA

MAJOR AQUIFER: Tertiary system, Miocene series, TM aquifer, formation, group, CA

Lithology: \_\_\_\_\_ Origin: \_\_\_\_\_ Aquifer Thickness: \_\_\_\_\_ ft  
 Length of well open to: \_\_\_\_\_ ft Depth to top of: \_\_\_\_\_ 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: 354-384 30' of 4" #008 Screen

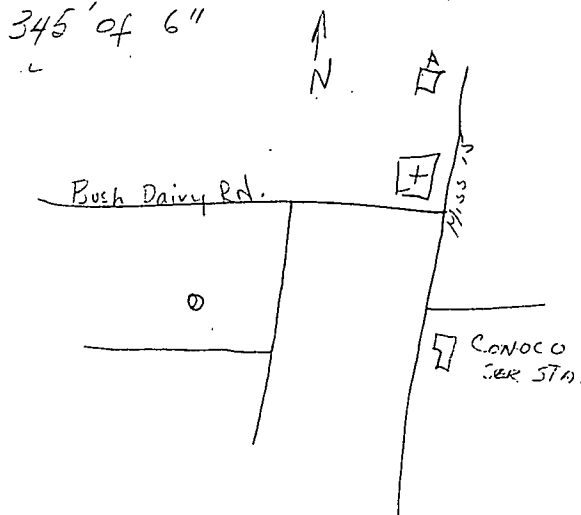
Depth to consolidated rock: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

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

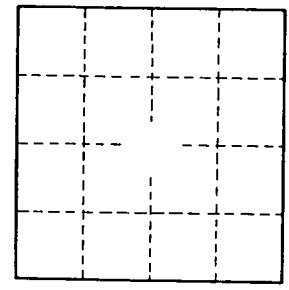
Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

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

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



Temp. 70°F  
 PH: 7.6  
 TALK: 177  
 CL: 38  
 SO<sub>4</sub>: 19.4  
 F: 9  
 C<sub>2</sub>: 10  
 Fe: < 0.1  
 Mg: < 1  
 Ca: 1.6  
 Na: 109  
 K: .3  
 T. Solids: 280  
 Hard: 8



Well No. B15

B-15

S13 T9N R12W

Well #1 5,300.50

Well #2 5,217.50

Add or Deduct 6.00

DEAN GRINER WATER WELL SERVICE  
COLUMBIA, MISSISSIPPI

September 21, 1965

LOG FORM

Name Shady Grove Water Works Association  
Location Jones County, Mississippi  
Engineer Chas. N. Clark Associates  
Log Number Driller # 1 Dated 5/26/65  
Water Well #1

WELL DATA

Size drilled hole 11" - Depth drilled hole 345' - Size well casing 6 5/8" O.D. - Type 5/16" wall - Weight 19.135 lb. per ft. - Length well casing 345' - Cemented 100 sacks. - Size screen 4" I.D. "WW" Type. - Manufactured by Johnson. - Slot size .003. - Material stainless steel. - Length screen 30'. - Lap pipe size 4" I.D. - Lap pipe length 42'. - Type galvanized steel. - Distance to lap 312'. Distance to top of screen 354'. - Distance to screen bottom 384'. - Type bottom back wash valve. - Connection top of lap 4" x 6" L. & R. Lead Seal. - Static water level 175.35.

PUMP DATA

Type submersible. - Make Peerless. - Serial number 2553095. - Maximum O.D. 5 11/16" - Number stages 3. - H.P. 15. - RPM 3600. - Phase 3. - Cycle 3. - Voltage 220. - Length drop pipe 273'. - Size drop pipe 2 1/2" I.D., - Rated capacity 165 GPM. - Electric controls. General Electric pumping plant panel consisting of manual disconnect switch with 3 fuses a standard amagnetic contactor, three ambient sensing adjustable quick trip over load relays mounted in an outdoor cabinet with H-O-A selector switch for Franklin 15 H.P. - 3/60/220 volt motor.

RECEIVED

FEB 14 2002

BY: OLWR

SHADY GROVE WATER WORKS ASSOCIATION  
AINSWORTH PROPERTY

FORMATION LOG  
FOR  
TEST WELL # 3

<u>TOTAL DEPTH</u>	<u>THICKNESS EACH STRATUM</u>	<u>FORMATION</u>
10'	10'	Top Soil
42'	32'	Clay
126'	84'	Sand
336'	210'	Blue Shale
378'	42'	Rock and Shale
441'	63'	Shale with short breaks of Sand
504'	63'	Blue Shale

Note: Test site # 3 is not suitable for the third well at Shady Grove.

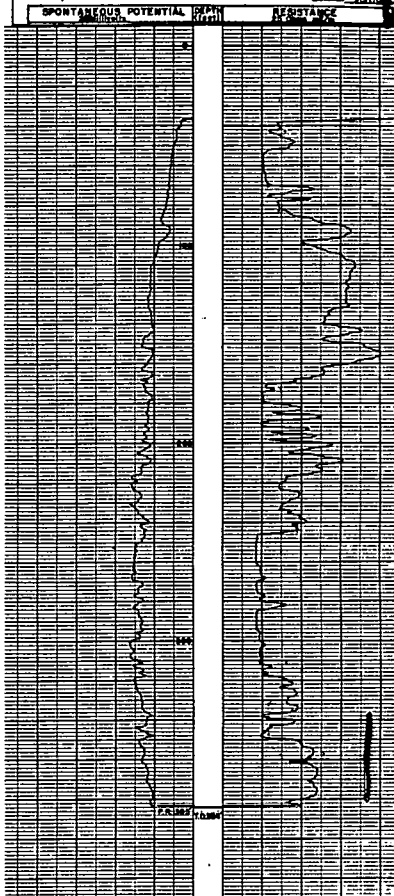
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FEB 17 1952

BY: OI WR

**FORMATION LOG**

TOTAL DEPTH	THICKNESS EACH STRATUM	FORMATION
10'	10'	Top Sc
82'	72'	Chalk
170'	88'	Sand
200'	30'	Shale
245'	45'	Sand
318'	73'	Blue C
338'	20'	Fine S
348'	10'	Blue C
358'	10'	Sand
363'	5'	Shale
384'	21'	Sand



**RECEIVED**  
 APR 28 2002  
 F. OLWR