

WRD Exp. (GW)
April 1966

Well No. A36

WELL SCHEDULE
GEOLOGICAL SURVEY

E-Log # 54

U. S. DEPT. OF THE INTERIOR

WATER RESOURCES DIVISION
PUNCHED & VERIFIED *KW*
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by C. Jessup Source of data MSG5 Date 1-4-66 Map _____

State Mississippi 28 County Washington 76
(or town)

Latitude: 33⁵ 33⁷ 31⁹ 25¹¹ N Longitude: 09¹² 10¹⁵ 01¹⁸ Sequential number: 1
deg min sec N S 12 degrees 15 min sec 19

Lat-long accuracy: 2²⁰ T. 19²⁵ S, R 8³⁰ Sec 3 NE $\frac{1}{4}$, SE $\frac{1}{4}$, NW $\frac{1}{4}$

Local well number: A036DB0319NOBW Other number: _____ B & M

Local use: _____ Owner or name: Albert H. Reed

Owner or name: ALBERT H REED Address: Forkland Plantation

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Irr, (I) Med, (M) Ind, (N) P S, (P) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Recharge, (W) Desal-P S, (X) Desal-other, (Y) Other H

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (I) Obs, (J) Oil-gas, (K) Recharge, (L) Test, (M) Unused, (N) Withdraw, (O) Waste, (P) Destroyed W

DATA AVAILABLE: Well data Freq. W/L meas.: N Field aquifer char.

Hyd. lab. data: _____

Qual. water data; type: _____

Freq. sampling: _____ Pumpage inventory: yes, no, period: _____

Aperture cards: _____ yes

Log data: E-log to 503 ft ; driller's log E D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: _____ ft 513 Meas. accuracy: 3

Depth cased (first perf.): _____ ft 493 Casing type: _____; Diam. in: 4

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) perf., (K) screen, (L) sd. hole, (M) shored, (N) open hole, (O) other S

Method drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd. jetted, (F) percussion, (G) rotary, (H) air reverse, (I) trenching, (J) driven, (K) drive wash, (L) other H

Date drilled: 11-12-65 965 Pump intake setting: _____ ft _____

Driller: Delta Drilling Co., Greenville Miss.

Lift (type): (A) air, (B) bucket, (C) cent., (D) jet, (E) multiple, (F) multiple, (G) nose, (H) piston, (I) rot, (J) submerg, (K) turb., (L) other Deep Shallow 40

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

Descrip. MP _____ ft above LSD. Alt. MP _____

Alt. LSD: 136 136 Accuracy: (source) topo 3

Water Level _____ ft above MP; _____ ft below LSD Accuracy: _____

Date meas: _____ 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 10⁶ Temp. _____ °F Date sampled _____

Taste, color, etc. _____

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Latitude-longitude _____
N
S
d m s d m s

HYDROGEOLOGIC CARD

1 SAME AS ON MASTER CARD 19 03 20 21 Section: _____
22 E 23 155 25 Subbasin: _____ 26

Drainage Basin: _____

(D) (C) (E) (F) (H) (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 _____ 27 V

MAJOR
AQUIFER: _____ system _____ series TE 28 29 Cockfield aquifer, formation, group CØ 30 31

Lithology: _____ US 32 33 Origin: 3 34 Aquifer Thickness: _____ ft

121 35 Length of well open to: _____ ft 20 38 40 Depth to top of: _____ ft 392 41 43

MINOR
AQUIFER: Quat system, Pleist series _____ 44 45 Miss River alluvium aquifer, formation, group _____ 46 47

Lithology: Sand-gravel alluvium _____ 48 49 Origin: Fluvial _____ 50 Aquifer Thickness: 111 ft

Length of well open to: _____ ft _____ 54 56 Depth to top of: _____ ft _____ 57 59

Intervals Screened: 493-513 ft _____ 20' x 2"

Depth to consolidated rock: _____ ft _____ 60 63 Source of data: _____ 64

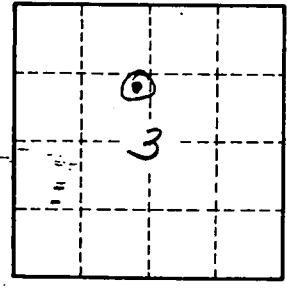
Depth to basement: _____ ft _____ 65 68 Source of data: _____ 69

Surficial material: _____ 70 71 Infiltration characteristics: _____ 72

Coefficient Trans: _____ gpd/ft _____ 73 75 Coefficient Storage: _____ 76 78

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____ 79

93 ft of 4"
400 ft of 2 1/2"



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