

WRD Exp. (GW)
April 1966

Well No. W42
E109 #161
MAY 14 1966

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED

MASTER CARD

Record by C. Jessup Source of data MSG5 Date 9-1-67 Map County

State Miss. County Madison (or town) 7.5

Latitude: 32 26 10 N Longitude: 090 05 05 Sequential number: 1

Lat-long accuracy: 7 N 2 E Sec 22, 56 SW, NW

Local well number: _____ Other number: _____

Local use: _____ Owner or name: George W. Elliott

Owner or name: _____ Address: Madison, 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, Dom, Irr, Med, Ind, P S, Rec, (S) (T) (U) (V) (W) (X) (Y) (Z) _____ H

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. (D) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (R) (S) (T) (U) (V) (W) (X) (Z) _____

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

Hyd. lab. data: _____

Qual. water data; type: _____

Freq. sampling: _____ Pumpage inventory: _____

Aperture cards: _____

Log data: E109 66 606 ft. samples D (MBOUC)

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 536 ft. Meas. accuracy _____

Depth cased: 506 ft. Casing type: _____; Diam. 4.315

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

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

Date Drilled: 7-27-67 Pump intake setting: 231 ft.

Driller: Waterwells, Inc. 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 _____

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H₂P, (I) LP, (J) other _____

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

Alt. LSD: 370 Accuracy: Topo

Water Level: 198 ft above MP; _____ ft below LSD Accuracy: _____

Date meas: _____ Yield: 14 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. _____

Well No. W42

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

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: _____ Section: _____

Drainage Basin: _____ Subbasin: _____

(D) depression, stream channel, dunes, flat, hilltop, sink, swamp
 (C) (E) (F) (H) (K) (L)
 (O) (P) (S) (T) (U) (V)
 offshore, pediment, hillside, terrace, undulating, valley flat _____

MAJOR AQUIFER: _____ system _____ series _____ aquifer, formation, group _____

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: 506-536 1 1/4' 55

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: _____

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

3 miles W of Madison

Casing 4" to 253' TD Hole 616'
3" to 506'

1/4" Backwash valve

