

WRD Exp. (GW)
April 1966

Well No. N4

WELL SCHEDULE

E. LOG 90

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by J. A. Callahan Source of data Driller Date 12-14-66 Map

(T.M. Shows 5-5-65)

State MISS County JASPER (or town) 31

Latitude: 31 32 43 N Longitude: 08 91 52 8 Sequential number: 1

Lat-long accuracy: 3 T. 1 S. R. 10 W. Sec 34, NW $\frac{1}{4}$, SE $\frac{1}{4}$, B & M

Local well number: N004RD3401N10W Other well number: _____

Local use: 017090 Owner or name: TOWN OF STRINGER

Owner or name: STRINGER Address: STRINGER MISS

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

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, (Z) Supply Well

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, (Z) Destroyed

DATA AVAILABLE: Well data 1 Freq. W/L meas.: 0 Field aquifer char. 0

Hyd. lab. data: _____

Qual. water data; type: _____

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

Aperture cards: _____

Log data: Electric log Drillers to 631 #90 DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 262 ft Meas. 262 Meas. 3

Depth cased: 257 ft Casing type: Steel ; Diam. 4x2 in

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

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

Date Drilled: 5-4-65 Pump intake setting: 965 ft

Driller: ACME Drilling Co. name Water Valley Ala address Enterprise Ala

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

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

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

Alt. LSD: _____ Accuracy: _____

Water Level: 13.2 ft above MP; Ft below LSD: 132 Accuracy: _____

Date meas: 5-4-65 Yield: 565 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. N4

Well No. NA

Latitude-longitude 31 32 43 ^N 089 15 28 _S

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____

Drainage Basin: D 130 Subbasin: _____

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

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

Lithology: S Origin: 3 Aquifer Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft 20 5 242

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:

Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

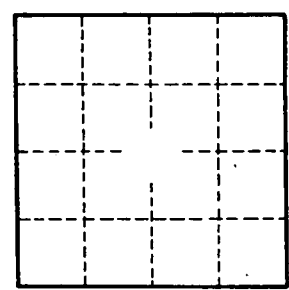
Surficial material: Sandy clay Infiltration characteristics: 8 P

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

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

Red Sand clay	17	17
Yellow sand	25	42
Cl. Stk. white	1	43
Yellow sand	36	79
White clay	31	110
Blue clay	32	142
Sand Red & Yellow	26	168
Soft Yellow sand	21	189
Sand	21	210
Blue shale	19	229
Sand	8	237
Clay	5	242
Sand	20	262
Clay	2	264
Shale	39	303
Limey shale	13	316
Lime Rock (hard)	1	317
Lime	15	332
Limey clay	38	370
Shale	33	403
Fine Pk sand	31	434
Shale	1	435
sand Pk fine	68	503
Shale		

15' of 2" stainless steel screen



Bottom of F.H. Sd.

This well failed and a supply well was developed @ 203' drilled &