

WRD Exp. (GW)
April 1966

Well No. J2
Elog # 35

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by C. Jensen Source of data MSGS Date 11.13.67 Map _____

State Miss. 28 County (or town) Calhoun 07

Latitude: 33⁵ 50⁷ 38² N Longitude: 08¹² 92¹⁵ 83¹⁸ 11 Sequential number: 1

Lat-long accuracy: 2⁷⁰ T, 23⁷⁵ S, R 8⁸⁰ W, Sec 20, NE 1/4, SE 1/4

Local well number: J002AD2023NO8E Other number: _____ B & M

Local use: 037035 Owner or name: C. M. Steele

Owner or name: C. G. STEELE Address: P.O. Box 472, Greenwood, 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) 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, 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: yes

Log data: Elog 8-410 ft. D (mbsw) DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 246 ft Meas. rept 246 accuracy 3

Depth cased: (first perf.) 236 ft Casing type: Steel; Diam. 4.2 in 4

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

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

Date Drilled: 10-9-67 9:67 Pump intake setting: _____ ft 87

Driller: Wells Drilling Co. name address

Lift (type): (A) air, (B) bucket, (C) cent., (D) jet, (E) multiple (cent.), (F) multiple (turb.), (G) none, (H) piston, (I) rot., (J) submerg, (K) turb., (L) other Deep Shallow 40

Power (type): diesel, elec. nat gas, gasoline, hand, gas, wind; H.P. 3/4 Trans. or meter no. 5

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

Alt. LSD: 275' T. 275 Accuracy: (source) 4

Water Level: 42 ft above MP; Ft below LSD 42 Accuracy: D

Date meas: 0.67 Yield: _____ gpm Method determined 61

Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs 68

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

Sp. Conduct _____ K x 10⁶ Temp. _____ °F Date sampled _____

Taste, color, etc. _____

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

Well No. J2

Well No. J2

Latitude-longitude N
S
 d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 63 Section: _____

D Drainage Basin: 156 Subbasin: _____

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

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

Lithology: US Origin: 2 Aquifer Thickness: 2 sands ft

Length of well open to: 4.2 ft _____ Depth to top of: 10 ft _____ 212 ± ft 212 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: 236, 246 2" SS

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

Depth to basement: _____ ft _____ Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

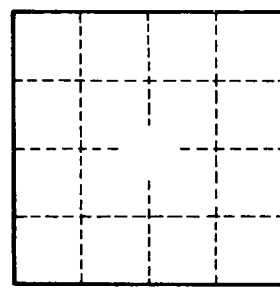
Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____

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

Pump setting 84'

Screen spans a 4 ft clay break.

- Sand 0-23 ft
- Gumbo 23-100
- Sand 100-138
- Gumbo 138-180
- Shale 180-190
- Sand 190-204
- Gumbo 204-210
- Sand 210-246 ← screened
- Shale 246-291
- Sand 291-311
- Gumbo 311-416



Base TELW @ 318'

Well No.

C
R