

WELL SCHEDULE
GEOLOGICAL SURVEY

E-log #4 APR 22 1975

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by JR Callahan Source of data Diller Date 5-2-67 Map _____

State Miss 28 County Jasper 31

Latitude: 31 9 4 8 N Longitude: 08 8 5 7 4 4 Sequential number: 1

Lat-long accuracy: 20 T. 10 S, R. 10 Sec 14, NE 1/4, SE 1/4

Local well number: 0001 02 10 10 10 10 10 10 10 10 Other number: _____

Local use: 0102 Owner or name: TENN GAS TRANS Address: Heidleberg, Miss

PUNCHED

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

Use of water: Air cond (A), Bottling (B), Comm (C), Dewater (D), Power (E), Fire (F), Dom (G), Irr (H), Med (I), Ind (N), P S (P), Rec (R)

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

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

Hyd. lab. data: _____

Qual. water data; type: USGS Complete 11-30 67

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

Aperture cards: _____

Log data: D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 560 ft 555 Meas. rept. accuracy 6

Depth cased: 540 ft Casing type: _____; Diam. 10x6 in 10

Finish: porous concrete (C), gravel w. concrete (F), gravel w. (screen) (G), horiz. gallery (H), open end (I), perf. (P), screen (S), sd. pt. (T), shored (W), open hole (X), other (Z) S

Method: air rot (A), bored (B), cable (C), dug (D), hyd rot (H), jetted (J), air percussion (K), reverse (L), trenching (M), driven (N), drive wash (O), other (Z) H

Date Drilled: 6-59 959 Pump intake setting: 3 3/4 column, ft 200

Driller: Robert Farwell Grenada Miss

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

Power (type): diesel (D), elec. (E), gas (G), gasoline (H), hand (I), gas (J), wind (K), H.P. (L) 5 U Trans. or meter no. _____

Descr. MP _____ ft above LSD. Alt. MP _____

Alt. LSD: 426 426 Accuracy: Survey

Water Level: 140 ft above MP; Ft below LSD 140 Accuracy: Sept

Date meas: 6/59 359 Yield: 660 gpm 41 Method determined 61

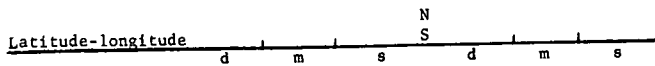
Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs

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

Sp. Conduct 725 K x 10⁶ Temp. 62 °F 62 Date sampled 11-29-67 N 6 7

Taste, color, etc. PH = 8.2 CO2 = 0

Well No.



HYDROGEOLOGIC CARD

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

Drainage Basin: 0 Subbasin: 130

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

MAJOR AQUIFER: Tertiary system, Eocene series, TE aquifer, formation, group, 00

Lithology: S Origin: 2 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: _____

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

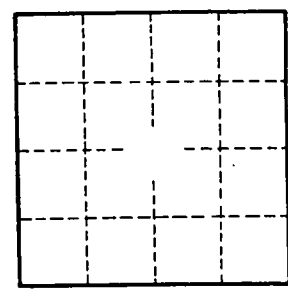
Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

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

0-25 red sand
 23-50 yellow sand
 70-110 ss. in shale
 110-136 blue shale
 136-178 Rock & shale
 178-225 sandy shale
 225-268 sandy shale
 268-327 sand & streaks
 327-537 white sand & shale
 537-540' of 10" MR SANDING from shale
 15' of 6" SS sandstone
 21' of Log pipe
 W.L. 140' 5/
 200' of 3 3/4" casing
 419' to 50'



red wire community, 4000 gallons/day

Well No. 11