

PUNCHED

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MAY 27 1975

MASTER CARD

Record by GJD Source of data BOWC Date 1-11-73 Map _____

State 28 County (or town) Spinto 17

Latitude: 34⁵4⁴0^W Longitude: 09⁰08²5 Sequential number: 1

Lat-long accuracy: 5 T S, R W, Sec _____ B & H

Local well number: E048 1502 009W Other number: _____

Local use: _____ Owner or name: Dr. Ralph E. Braden

Owner or name: RALPH E BRADEN Address: Memphis

Ownership: (C) 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, _____ (I) _____

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: _____

Temperature cards: _____

Log data: _____

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: _____ ft 335 Meas. _____ 24 3

Depth cased; (first perf.) _____ ft 305 Casing type: _____; Diam. _____ in _____ 29 6

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, other _____ (S) _____

Method: (A) air bored, cable, dug, hyd jetted, rot., (C) (D) (H) (J) (P) (R) (T) (V) (W) (X) (Z) _____ (H) _____

Date Drilled: 966 Pump intake setting: _____ ft _____ 36 _____ 38

Driller: _____ name _____ address _____

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

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

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

Alt. LSD: _____ Accuracy: (source) _____ 47 _____

Water Level: _____ ft above MP; _____ ft below LSD 72 Accuracy: _____ 52 D

Date meas: 1066 Yield: _____ gpm _____ Method determined _____ 61

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

QUALITY OF WATER DATA: Iron _____ ppm _____ Sulfate _____ ppm _____ Chloride _____ ppm _____ Hard. _____ ppm _____ 72

Sp. Conduct _____ K x 10 _____ Temp. _____ °F _____ Date sampled _____ 77 _____ 79

Taste, color, etc. _____

Well No. E48

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

HYDROGEOLOGIC CARD

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

Drainage Basin: D Subbasin: 15E

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

MAJOR AQUIFER: _____ system _____ series J.E _____ aquifer, formation, group SW

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

Length of well open to: _____ ft 30 _____ Depth to top of: _____ ft 295

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: _____

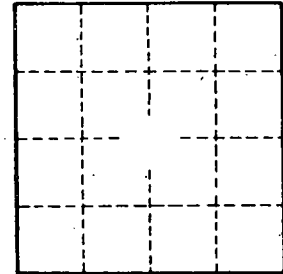
Depth to basement: _____ ft _____ Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

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

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

Description & Color of Material Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
n.		
Top Surface Soil -- Clay	12'	12'
Sand & Gravel	28'	40'
Shale	20'	60'
Sand -- Med. Size	27'	87'
Blue & Gray Shale & Lignite	88'	175'
Gray Sand -- Fine	29'	204'
Gray Shale	7'	211'
Gray Sand -- Fine	7'	218'
Gray Shale	14'	232'
Gray Sand -- Fine	8'	240'
Sand -- Hard Layers	30'	270'
Hard Shale	2'	272'
Hard Rock Layers	13'	285'
Hard Shale	10'	295'
Gray Sand -- Med. Size	23'	318'
Sand & Streaks White		
Clay	20'	338'



Well No.

E48