

WRD Exp. (GW)
April 1966

Well No. H2

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by QJ Source of data BOWC Date 3/25/68 Map _____

State 28 County (or town) Newton 57

Latitude: 32^{deg} 28^{min} 00^{sec} N Longitude: 088^{deg} 57^{min} 00^{sec} W Sequential number: 1

Lat-long accuracy: 6 T. 70 S, R 13 E, Sec 2, _____, _____, _____

Local well number: 4002 Other number: _____ B & H

Local use: 010 Owner or name: CELIL BARNETT Address: _____

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

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) _____

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed, _____ (D) _____ (G) _____ (H) _____ (P) _____ (R) _____ (T) _____ (U) _____ (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: yes no; period: _____

Aperture cards: _____ yes no

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: _____ ft 23.5 Meas. accuracy _____

Depth cased: (first perf.) _____ ft 10.5 Casing type: _____; Diam. _____ in _____

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

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

Date Drilled: 11-14-61 961 Pump intake setting: _____ ft _____

Driller: R.R. Nicholson address _____

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

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

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

Alt. LSD: _____ Accuracy: (source) _____

Water Level: 100 ft above _____ below _____ LSD 100 Accuracy: _____

Date meas: N. 6. 1 Yield: _____ 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. _____

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Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD ¹⁹ Physiographic Province: 03 Section: _____

²² D ²³ Drainage Basin: 13P ²⁴ Subbasin: _____ ²⁶

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 _____ ²⁷

MAJOR AQUIFER: _____ system _____ series T.E _____ aquifer, formation, group M.W _____ ^{28 29 30 31}

Lithology: _____ U.S _____ Origin: _____ 2 _____ Aquifer Thickness: _____ ft ^{32 33 34}

Length of well open to: _____ ft _____ 35 _____ Depth to top of: _____ ft 200 _____ ^{35 37 38 40 41 43}

MINOR AQUIFER: _____ system _____ series _____ _____ aquifer, formation, group _____ ^{44 45 46 47}

Lithology: _____ _____ Origin: _____ _____ Aquifer Thickness: _____ ft ^{48 49 50}

Length of well open to: _____ ft _____ _____ Depth to top of: _____ ft _____ ^{51 53 54 56 57 59}

Intervals Screened: _____

Depth to consolidated rock: _____ ft _____ _____ Source of data: _____ ⁶⁴

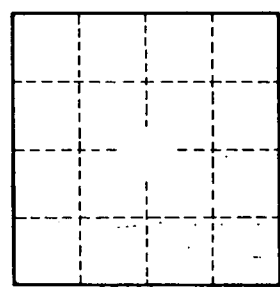
Depth to basement: _____ ft _____ _____ Source of data: _____ ^{65 68 69}

Surficial material: _____ _____ Infiltration characteristics: _____ ^{70 71 72}

Coefficient Trans: _____ gpd/ft _____ _____ Coefficient Storage: _____ ^{73 75 76 78}

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____ ⁷⁹

*11 miles E. of Decatur
this well has 88 ft. of rock, very hard.*



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