

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by ef Source of data mbowc Date 3/68 Map _____

State 28 County (or town) Newton 51

Latitude: 323100N Longitude: 0890400 Sequential number: 1

Lat-long accuracy: 6 T. 8 S. R. 12 W. Sec 27

Local well number: 0002 Other number: _____

Local use: 010 Owner or name: Olha Matlick

Owner or name: Olha Matlick Address: _____

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) (T) (U) (V) (W) (X) (Y) (Z) _____ H

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

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: _____

Log data: _____

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: _____ ft 96 Meas. accuracy 3

Depth cased: _____ ft 90 Casing type: _____; Diam. _____ in 2

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) open hole, (K) other _____ S

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

Date Drilled: 960 Pump intake setting: _____ ft _____

Driller: R.P. Nicholson address _____

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

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind; H.P. _____ Trans. or meter no. _____

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

Alt. LSD: _____ Accuracy: _____

Water Level: _____ ft above _____ ft below MP; _____ ft below LSD 70 Accuracy: _____

Date meas: 860 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. _____

Well No. 02

Well No. 02

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: 20 21

D Drainage Basin: 13P Subbasin: 22 23 25 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: T.E system series W.N aquifer, formation, group 28 29 30 31

Lithology: N.S Origin: 6 Aquifer Thickness: 32 33 34 ft

Length of well open to: 6 ft 35 37 38 40 Depth to top of: 8.5 ft 41 43

MINOR AQUIFER: 44 45 46 47 system series aquifer, formation, group

Lithology: 48 49 Origin: 50 Aquifer Thickness: 51 53 54 56 ft

Length of well open to: 51 53 54 56 ft 57 59 Depth to top of: 57 59 ft

Intervals Screened: 90-96 2" size 10

Depth to consolidated rock: 60 63 Source of data: 64

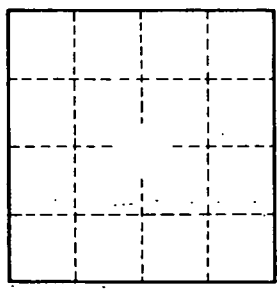
Depth to basement: 65 68 Source of data: 69

Surficial material: 70 71 Infiltration characteristics: 72

Coefficient Trans: 73 75 Coefficient Storage: 76 78 gpd/ft 77 79

Coefficient Perm: 73 75 Spec cap: 76 78 gpm/ft; Number of geologic cards: 79 gpd/ft²

5 miles SE of Union



Well No. 02