

WRD Exp. (GW)
April 1966

Well No. C 16

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED
AUG 6 1973

MASTER CARD

Record by J.S. Source of data BOWC Date 9/6/69 Map _____

State 28 County (or town) Union 73

Latitude: 34^{deg} 34^{min} 31^{sec} N Longitude: 08^{degrees} 90^{min} 29^{sec} W Sequential number: 1

Lat-long accuracy: 3²⁰ T. 6³⁰ S. R 3¹⁵ W. Sec 7, NW^{1/4}, NW^{1/4}, SE^{1/4}

Local well number: 0016²¹ 800706²⁵ 503E³⁴ Other number: _____ B & M

Local use: 2/6³⁵ Owner or name: L. THOMPSON⁵² Address: New Albany, Mo.⁶⁰

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist _____ P⁶⁷

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Inscit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other _____ H⁶⁸

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed _____ W⁶⁹

DATA AVAILABLE: Well data ⁷⁰ Freq. W/L meas.: ⁷¹ Field aquifer char. ⁷²

Hyd. lab. data: _____ ⁷³

Qual. water data; type: _____ ⁷⁴

Freq. sampling: _____ ⁷⁵ Pumpage inventory: yes no period: _____ ⁷⁶

Aperture cards: _____ yes ⁷⁷

Log data: _____ ^{78 79}

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD ¹⁹ Depth well: _____ ft 185²⁰ Meas. rept _____ ²⁴ accuracy _____ ²³

Depth cased; (first perf.) _____ ft 125²⁵ Casing type: _____; Diam. _____ in _____ ^{29 30}

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) multiple, (K) multiple, (L) none, (M) piston, (N) rot, (O) submerg, (P) turb, (Q) other _____ ³¹

Method Drilled: (A) air rot., (B) bored, (C) cable, (D) dug, (E) hyd jetted, (F) air rot., (G) percussion, (H) reverse, (I) rotary, (J) trenching, (K) driven, (L) wash, (M) other _____ ³²

Date Drilled: 7-6-69³³ Pump intake setting: _____ ft _____ ^{36 38}

Driller: _____ name _____ address _____

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other _____ ³⁹ Deep Shallow ⁴⁰

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. _____ ⁴¹ Trans. or meter no. _____ ⁴²

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

Alt. LSD: _____ Accuracy: _____ ⁴⁷ (source) _____ ⁴⁸

Water Level: 120 ft above MP; Ft below LSD 120 Accuracy: _____ ⁵²

Date meas: 7-6-69⁵³ Yield: _____ gpm _____ ^{56 60} Method determined _____ ⁶¹

Drawdown: _____ ft _____ Accuracy: _____ ^{62 64} Pumping period _____ hrs _____ ^{66 68}

QUALITY OF WATER DATA: Iron _____ ppm _____ Sulfate _____ ppm _____ Chloride _____ ppm _____ Hard. _____ ppm _____ ^{69 70 71 72}

Sp. Conduct _____ K x 10⁶ _____ Temp. _____ °F _____ ^{73 74 76} Date sampled _____ ^{77 79}

Taste, color, etc. _____

Well No. C 16

1500 2000

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Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

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

Drainage Basin: 15F 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 _____ 27

MAJOR AQUIFER: _____ system _____ series _____ 28 29 _____ aquifer, formation, group _____ 30 31

Lithology: _____ 32 33 Origin: _____ 34 Aquifer Thickness: 66 ft

Length of well open to: _____ ft 35 37 Depth to top of: _____ ft 38 40 41 43 779

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

Lithology: _____ 48 49 Origin: _____ 50 Aquifer Thickness: _____ ft

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

Intervals Screened: 4" Plastic

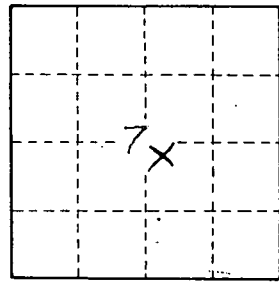
Depth to consolidated rock: _____ ft 60 63 Source of data: _____ 64

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

Surficial material: _____ 70 71 Infiltration characteristics: _____ 72

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

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



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