

WRD Exp. (GW)
April 1966

Well No. 077-17W-29 DDDA

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by D. A. ARNSON Source of data FILE Date 7/29/66 Map 1:62,500 PELLA Q. U. S. D.

State IOWA County MAHASKA (or town) 6:2

Latitude: 41° 26' 15" N Longitude: 09° 24' 53" W Sequential number: 1

Lat-long accuracy: 2 T. 77 S. R. 17 E. Sec 29, NE 1/4, SE 1/4, SE 1/4, S

Local well number: 07717W29DDDA Other well number: W-6043

Local use: 06043 STRAT TEST Owner or name: JACOB VAN GORP #1

Owner or name: JACOB VAN GORP #1 Address: PEORIA, IA.

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) Stock, (T) Instit, (U) Unused, (V) Recharge, (W) Desal-P S, (X) Desal-other, (Y) Other U

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

DATA AVAILABLE: Well data 5 Freq. W/L meas.: NONE Field aquifer char. N

Hyd. lab. data: _____

Qual. water data: type: _____

Freq. sampling: _____ Pumpage inventory: _____

Aperture cards: _____

Log data: GEOLOGIST - DRILLER'S LOG

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 57 ft Meas. ropt DRILLER'S LOG accuracy 3

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

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horz. gallery, (I) open end, (J) other, (K) perf., (L) screen, (M) sd. pt., (N) shored, (O) open hole, (P) other

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

Date Drilled: JUNE 1953 953 Pump intake setting: _____ ft

Driller: ART BRVINSKOL address PELLA, IA.

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 Deep Shallow

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

Descrip. MP LSD above ft below LSD. Alt. MP 796.5

Alt. LSD: 796.5 796 Accuracy: (source) INSTRUMENT

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

Date meas: _____ 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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Punched ERC

Verified FCH

Well No. 077-17W-29 DDDA

Latitude-longitude 41 26 15 S 092 49 53.1
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD
Physiographic Province: CENTRAL LOWLAND 12 Section: DISSECTED

TILL PLAIN E Drainage Basin: SKUNK 25C Subbasin: 26

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat
(F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) 27

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

Lithology: 32 33 Origin: 34 Aquifer Thickness: 35 ft

Length of well open to: 36 37 ft 38 39 Depth to top of: 40 41 42 43 ft

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

Lithology: 48 49 Origin: 50 Aquifer Thickness: 51 ft

Length of well open to: 52 53 ft 54 55 Depth to top of: 56 57 58 59 ft

Intervals Screened: 60 61 62 63

Depth to consolidated rock: 19 ft 64 65 Source of data: WELL CUTTINGS 66 67 68 69 70 71 72 73 74 75 76 77 78 79

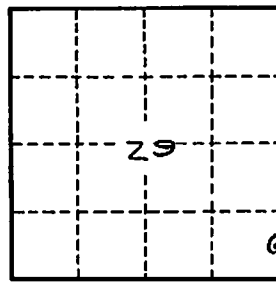
Depth to basement: 65 66 67 68 Source of data: 69 70 71 72 73 74 75 76 77 78 79

Surficial material: LOESS Infiltration characteristics: FAIR 70 71 72 73 74 75 76 77 78 79

Coefficient Trans: 70 71 72 73 74 75 76 77 78 79 Coefficient Storage: 70 71 72 73 74 75 76 77 78 79

Coefficient Perm: 70 71 72 73 74 75 76 77 78 79 Spec cap: 70 71 72 73 74 75 76 77 78 79 Number of geologic cards: 70 71 72 73 74 75 76 77 78 79

CASING:
CASING PULLED OUT & WELL PLUGGED



Well No. 077-17W-29 DDDA

077-17W-23

IOWA GEOLOGICAL SURVEY
In Cooperation with U. S. Geological Survey

W 6043

RECORD OF WELL

Location:

Town: Peoria (NE)
(SW): County Mahaska

NE SE 1/4 SE 1/4 sec. 29 T. 77 N., R. 17 W. Twp.

Well name and number _____

Owner Jacob Van Gorp #1 Address Peoria ?

Tenant _____ Address _____

Contractor Art Bruinekool Address Pella, Iowa

Drillers _____

Drilling dates JUNE 1953

Well data:

Altitudes: Drilling curb _____ feet; Land surface 796.5806 1/2 feet

Determined by ALTIMETER

Topographic position _____

Total depth: Reported 57 feet, Measured _____ feet

Drilling method Cable tool

Hole and casing data _____

Ls. test, casing pulled out & hole plugged

Original depth to water _____ above
ft. below _____ Date _____

Source of data _____

Sources of water: Principal _____

Others _____

