

PUNCHED

FORM 9-1642
(1-68)

Well No. K-31

MAY 29 1975

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by _____ Source of data _____ Date _____ Map _____

State SD County (or town) Sioux Falls 67

Latitude: 43 02 00 N Longitude: 09 03 05 W Sequential number: 1

Lat-long accuracy: 20 N E S, R U, Sec _____ k, _____ k, _____ k B & M

Local well number: _____ Other well number: _____

Local use: 030 Owner or name: _____ Address: _____

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist 67

Use of water: (A) (B) (C) (D) (E) (F) (H) (I) (M) (N) (P) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) 68

Use of well: (A) (D) (C) (H) (O) (P) (R) (T) (U) (W) (X) (Z) 69

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

Hvd. lab. data: _____ 73

Qual. water data; type: _____ 74

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

Aperture cards: _____ yes 77

Log data: _____ 78 79

WELL-DESCRIPTION CARD

74 SAME AS ON MASTER CARD Depth well: 125 ft Meas. rept accuracy 74

Depth cased: _____ ft Casing type: _____; Diam. _____ in 75 76

Finish: (C) porous concrete, (F) gravel w. (H) gravel w. (O) horiz. gallery, (P) open perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other 77

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) jetted, (J) air rot, (P) air percussion, (R) reverse, (T) trenching, (U) driven, (V) drive wash, (W) other 78

Date Drilled: _____ Pump intake setting: _____ ft 79 80

Driller: _____ name _____ 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 81 Deep 82 Shallow 83

Power (type): diesel, elec, gas, gasolire, hanc, gas, wind; H.P. _____ Trans. or meter no. _____ 84

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

Alt. LSD: _____ Accuracy: (source) _____ 85

Water Level _____ ft above _____ below MP; Ft below LSD _____ Accuracy: _____ 86

Date meas: _____ Yield: _____ gpm Method determined _____ 87

Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs _____ 88

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm 89 90 91 92

Sp. Conduct _____ K x 10⁶ Temp. _____ °F Date sampled _____ 93 94 95 96 97 98

Taste, color, etc. _____

Well No.

Well No. _____

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

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

19 20 21

22 23 24 25 26

Drainage Basin: 154 Subbasin: _____

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

MAJOR AQUIFER: Q6 aquifer, formation, group MA

28 29 30 31

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

32 33 34

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

35 36 37 38 39 40 41 42 43

MINOR AQUIFER: _____ 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 52 53 54 55 56 57 58 59

Intervals Screened: _____

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

60 61 62 63

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

65 66 67 68

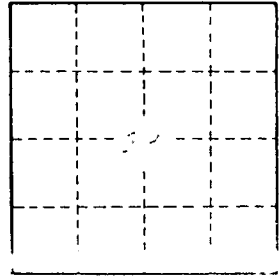
Surficial material: _____ Infiltration characteristics: _____ 72

70 71

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____ 76

73 74 75 77 78

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



W011