GW 1749 Aberdeen

FORM 9-1642 (1-68)

Well No. L20

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

PUNCHED

MASTER CARD

Record by M Smith | Source of data | Date 7/70 | Map

State 28 | County (or town) Monroe 48

Latitude: 33 49 20 N | Longitude: 088 33 00 | Sequential number: 1

Lat-long accuracy: 2 | T. 14 S R 7 W Sec 34 NW¼ NW¼ NE¼

Local well number: L 0 2 0 B A 3 4 1 4 5 0 7 E | Other number: City #4 (B & M)

Local use: 009 | Owner or name: City of Aberdeen

Owner or name: ABERDEEN | Address:

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist — M

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other — P

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (Φ) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed. — W

DATA AVAILABLE: Well data [ ] | Freq. W/L meas.: | Φ | Field aquifer char. [ ]

Hyd. lab. data: [ ]

Qual. water data; type: C

Freq. sampling: | Φ | Pumpage inventory: yes / no, period: [ ]

Aperture cards: yes [ ]

Log data: D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD | Depth well: ft 1178 | Meas. rept accuracy: 6

Depth cased; (first perf.) ft 128 | Casing type: ; Diam. in 20

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

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

Date Drilled: 9 53 | Pump intake setting: ft

Driller: Carloss (name), (address)

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

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 60 — V | Trans. or meter no.

Descrip. MP ↓ ft above/below LSD, Alt. MP

Alt. LSD: 233 | Accuracy: (source) 4

Water Level 63.11 ft above/below MP; Ft ~~above~~ below LSD 63 | Accuracy: A

Date meas: 2/28/63 — 263 | Yield: gpm 500 | 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 65 | Date sampled 263

Taste, color, etc. 36" under ream, 40yds Gravel,

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Latitude-longitude ____ d ____ m ____ s N/S ____ d ____ m ____ s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: 03 (20–21) Section: ____

D (22) Drainage Basin: 136 (23–25) Subbasin: ____ (26)

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

MAJOR AQUIFER: ____ system, ____ series, K3 (28–29) aquifer, formation, group EZ (30–31)

Lithology: US (32–33) Origin: 6 (34) Aquifer Thickness: 100± ft

Length of well open to: 16 (35–37) ft Depth to top of: 50 (38–40) ft 78 (41–43)

MINOR AQUIFER: ____ system, ____ series, ____ (44–45) aquifer, formation, group ____ (46–47)

Lithology: ____ (48–49) Origin: ____ (50) Aquifer Thickness: ____ ft

Length of well open to: ____ (51–53) ft Depth to top of: ____ (54–56) ft ____ (57–59)

Intervals Screened: 50' of 12" 040 Brass

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/ft^2; Spec cap: ____ gpm/ft; Number of geologic cards: ____ (79)

0-23	Top Soil, Clay
23-35	Blue Mucky Sand
35-37	Hard Rock
37-60	Blue Sandy Clay
60-78	Soft Blue Sh
78-133	Blue Sd
133-143	sd w/clay strks
143-178	Blue Gray Clean Sand

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GPO 937-142