FORM 9-1642
(1-68)

Well No. E58

WELL SCHEDULE

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

PUNCHED

JUL 17 1973

MASTER CARD

Record by JCM Source of data BOWC Date 7-72 Map

State [28] County (or town) Benton [05]

Latitude: [34 56 17 N] deg min sec N S Longitude: [089 13 23] degrees min sec Sequential number: [1]

Lat-long accuracy: [5] T 20 S R 1 W, Sec 5, ¼, ¼, ¼ B & M

Local well number: [E058 0502 SO1E] Other number:

Local use: [300] Owner or name:

Owner or name: [C MILLER] Address: Ashland

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

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 [H]

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) 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.: [ ] [Ø] Field aquifer char. [ ]

Hyd. lab. data: [ ]

Qual. water data; type: [ ]

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

Aperture cards: [ ] yes

Log data: [D]

WELL-DESCRIPTION CARD

[SAME AS ON MASTER CARD] Depth well: [ ] ft [160] Meas. rept accuracy [3]

Depth cased: (first perf.) [ ] ft [153] Casing type: [PVC]; Diam. [ ] in [4]

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Ø) open end, (P) perf., screen, (S) sd. pt., (T) shored, (W) open hole, (X) other, (Z) [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: [972] Pump intake setting: [ ] ft

Driller: Dean & Kent Bumpas (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 [S] Deep Shallow [ ]

Power (type): diesel, (X) elec, nat gas, gasoline, hand, LP gas, wind; H.P. 3/4 [S] Trans. or meter no.

Descrip. MP [ ] ft above below LSD, Alt. MP [ ]

Alt. LSD: [ ] Accuracy: (source) [ ]

Water Level [ ] ft above below MP; ft above (below) LSD [110] Accuracy: [D]

Date meas: [672] Yield: [ ] gpm [14] Method determined [ ]

Drawdown: [ ] ft [ ] Accuracy: [ ] Pumping period [ ] hrs [ ]

QUALITY OF WATER DATA: Iron [ ] ppm Sulfate [ ] ppm Chloride [ ] ppm Hard. [ ] ppm

Sp. Conduct [ ] K x 10^6 Temp. [ ] °F Date sampled [ ]

Taste, color, etc. [ ]

Well No. E58

Latitude-longitude d m s N S d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: 03 (20 21) Section:

D Drainage Basin: 16N (23 25) Subbasin: (26)

(D) (C) (E) (F) (H) (K) (L)

Topo of well site: depression, stream channel, dunes, flat, hilltop, sink, swamp,

(Φ) (P) (S) (T) (U) (V)

offshore, pediment, hillside, terrace, undulating, valley flat (27)

MAJOR AQUIFER: system, series TE (28 29) aquifer, formation, group MW (30 31)

Lithology: (32 33) Origin: 2 (34) Aquifer Thickness: 50 ft

(35 37) Length of well open to: ft 7 (38 40) Depth to top of: ft 110 (41 43)

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

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

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

Intervals Screened: 4" Gravel Wall

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)

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GPO 937-142