GPS 7/29/97

WRD Exp. (GW)
April 1966

Well No. #10 Elog #4

GW12640
DOH #0050001-03

WELL SCHEDULE

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

TRANSMITTED FOR ADP

34° 50' 50.3"
89° 10' 51.8"

OEQ # 12640

MASTER CARD

Record by J. A CALLAHAN Source of data DRLG & OBS Date 4/30/68 Map ASHLAND QUAD

State MISS. 28 County (or town) BENTON 05

Latitude: 34 50 50 N Longitude: 089 10 51 Sequential number: 3

Lat-long accuracy: 2 T. 3 N (S) R. 1 W (E), Sec. 3, NE ¼, SW ¼, SE ¼

Local well number: H 01 0CD 03 03 S 01 E Other number: #3 B & M

Local use: 004

Owner or name: ASHLAND Owner or name: Town of Ashland

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) Stock, (S) Instit, (T) Unused, (U) Repressure, (V) Recharge, (W) Desal-P S, (X) 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.: ☑ Field aquifer char. ☐

Hyd. lab. data: ☐

Qual. water data; type: 1/73 — C

Freq. sampling: ☐ Pumpage inventory: yes / no, period: ☐

Aperture cards: yes ☐

Log data: Elog 8-930 — D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: ft 920 Meas. rept accuracy 3

Depth cased: (first perf.) Split Seven ft 740 Casing type: Bell.; Diam. 6 X 6 in 10

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, open end, (Φ) open perf., (P) screen, (S) sd. pt., (T) shored, (W) open hole, (Z) other — 5

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 6 8 Pump intake setting: ft

Driller: T M PARKS Drlg Co. (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 — D

Power (type): diesel, elec, nat gas, LP gasoline, hand, gas, wind; H.P. 40 — V; Trans. or meter no.

Descrip. MP 6.10 ft above / below LSD. Alt. MP

Alt. LSD: 613 Accuracy (source): 5

Water Level 21.4 ft above / below MP; Ft above / below LSD 21.4 Accuracy: D

Date meas: 5.2.68 5-6-8 Yield: gpm 300 Method determined

Drawdown: ft 40 Accuracy: @365ppm Pumping period hrs

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

Sp. Conduct K x 10^6 Temp. °F 215 Date sampled 7-3

Taste, color, etc. pH - 7.4 (field)

Pumped 250-300 gpm with air
400' air line

Well No. #10

Well No. H 10

Latitude-longitude N S d m s d m s

HYDROGEOLOGIC CARD

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

D (22) Drainage Basin: 16N (23–25) Subbasin: (26)

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

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

Lithology: S (32–33) Origin: (34) Aquifer Thickness: ~42 ft

Length of well open to: (35–37) ft 34 (38–40) Depth to top of: 735 ft (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 (54–56) Depth to top of: ft (57–59)

Intervals Screened:

Depth to consolidated rock: ft (60–63) Source of data: (64)

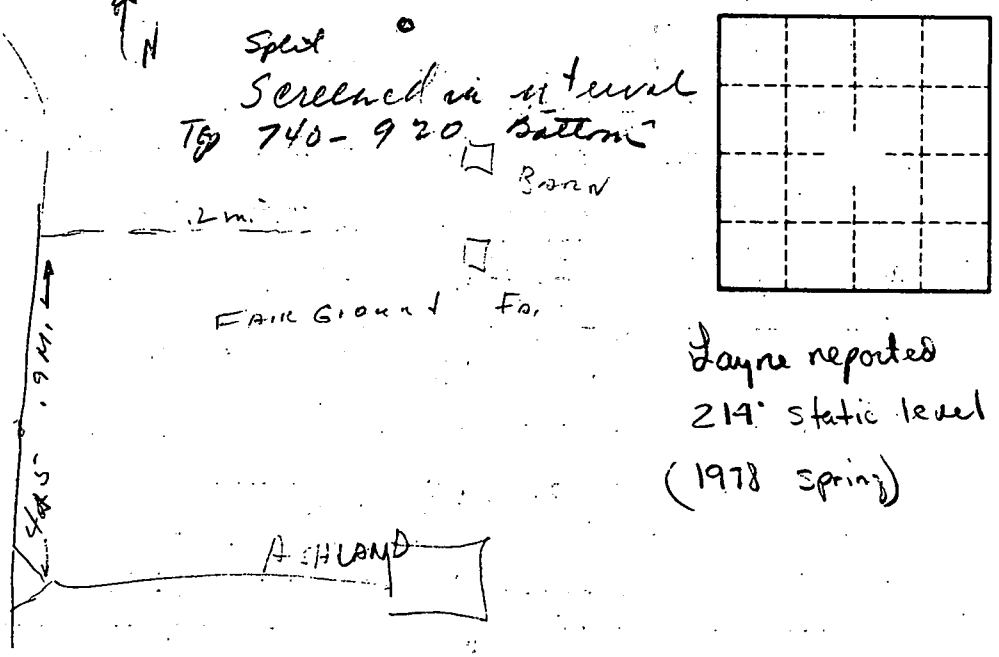
Depth to basement: ft (65–68) Source of data: (69)

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)

84' of .031 6" TM Parks 1/17/72 JAC



Wayne reported 219' static level (1978 spring)

Well No. H 10

GPO 857-700