E-Log No. 362

FORM 9-1642
(1-68)

Well No. H 29

WELL SCHEDULE

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

PUNCHED

MASTER CARD

Record by GJD Source of data E-Log Dr. Date 7-20-71 Map Raymond 1:62,500

State 28 (2) County (or town) Hinds (3-4) 25

Latitude: 32 deg 15 min 05 sec N (11) Longitude: 090 deg 29 min 30 sec (18) Sequential number: 1 (19)

Lat-long accuracy: 2 (20) T 5 N, R 3 W Sec 27, NE ¼, NW ¼, NE ¼ B & M

Local well number: H029BA2705N03W (21-34) Other number:

Local use: 2823621 (35-51) Owner or name: James D. Sullivan

Owner or name: J D SULLIVAN (52-66) Address: RAYMOND

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist — P (67)

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 (68)

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 (69)

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

Hyd. lab. data: (73)

Qual. water data; type: (74)

Freq. sampling: (75) Pumpage inventory: yes / no, period: (76)

Aperture cards: yes (77)

Log data: E-Log 8'– 295' D E (78-79)

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD (1-19) Depth well: ft 200 (20-23) Meas. rept (24) 3

Depth cased: (first perf.) ft 180 (25-28) Casing type: BLK ; Diam. 4X2 in accuracy (29-30) 4

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Ø) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other — S (31)

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 (32)

Date Drilled: 7-20-71 (33-35) Pump intake setting: ft (36-38)

Driller: Jack Guinn (name), Raymond, Miss. (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 (39) Deep Shallow (40)

Power (type): diesel, elec, gas, gasoline, hand, nat gas, LP gas, wind; H.P. ½ S (41) Trans. or meter no.

Descrip. MP ft above below LSD, Alt. MP

Alt. LSD: 255 I 255 (42-45) Accuracy (source): 6 (47)

Water Level ft above below MP; Ft above (below) LSD 80 (48-51) Accuracy: D (52)

Date meas: 7 7 1 (53-55) Yield: 6 gpm 6 (56-60) Method determined (61)

Drawdown: ft (62-64) Accuracy: (65) Pumping period hrs (66-68)

QUALITY OF WATER DATA: Iron ppm (69) Sulfate ppm (70) Chloride ppm (71) Hard. ppm (72)

Sp. Conduct K x 10^6 (73) Temp. °F (74-76) Date sampled (77-79)

Taste, color, etc.

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Latitude-longitude N S d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: [0 3] (20–21) Section: ____

[D] (22) Drainage Basin: [1 5 H] (23–25) Subbasin: [ ] (26)

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

MAJOR AQUIFER: ____ system, ____ series [T O] (28–29) ____ aquifer, formation, group [M S] (30–31)

Lithology: [S M] (32–33) Origin: [G] (34) Aquifer Thickness: 20 ft

[ ] (35–37) Length of well open to: ____ ft [2 0] (38–40) Depth to top of: ____ ft [1 8 0] (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: 2" S Steel

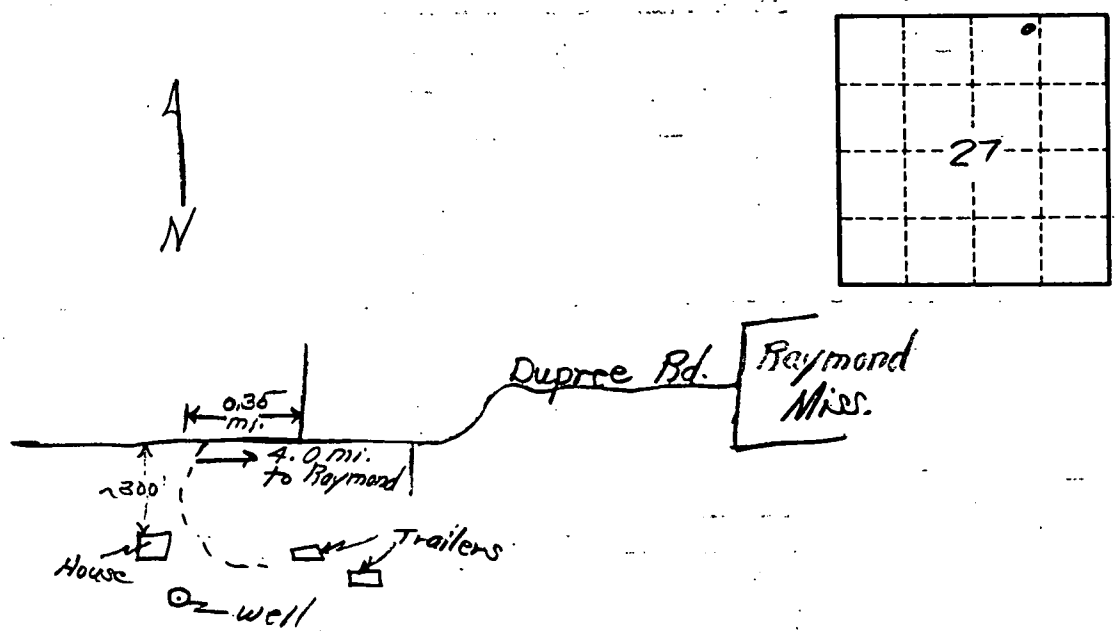
Depth to consolidated rock: ____ ft [ ] (60–63) Source of data: ____ [ ] (64)

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