WRD Ex. (GW)
April 1966

Well No. 29

E LOG 149

WELL SCHEDULE

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

MASTER CARD

Record by E. Boswell Source of data logs Date 2-16-68 Map

State Miss [28] County (or town) Clarke [12]

Latitude: 31 58 23 N (deg min sec) Longitude: 088 52 35 (degrees min sec) Sequential number: 1

Lat-long accuracy: 3 T. 2 N, R 14 E, Sec 33, SW ¼, NW ¼, NW ¼

Local well number: L009BB33 02N14E Other number: B & M 29

Local use: 008129 Owner or name:

Owner or name: BARNETT W A Address:

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

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, (Ø) 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: 2- [P]

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

Aperture cards: yes [ ]

Log data: E log 6-419 [DE]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: ft 330 Meas. rept [3]

Depth cased: (first perf.) ft 310 Casing type: ; Diam. 4½" in accuracy [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]

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: 2-1-68 968 Pump intake setting: ft

Driller: McDonald & Hill (name), Meridian (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, elec, nat gas, gasoline, hand, LP gas, wind; H.P. [T] Trans. or meter no.

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

Alt. LSD: 310 310 Accuracy: (source) [3]

Water Level ft above/below MP; Ft above/below LSD 80 Accuracy: [D]

Date meas: 168 Yield: gpm 40 Method determined

Drawdown: ft Accuracy: Pumping period hrs

QUALITY OF WATER DATA: Iron .1 ppm Sulfate ppm Chloride 7 ppm Hard. ppm

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

Taste, color, etc.

MSBH
parti

Well No. 69

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: _____ 13P (23, 25) Subbasin: _____ (26)

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

MAJOR AQUIFER: _____ system, _____ series, TE (28, 29) Upper Sparta aquifer, formation, group SS (30, 31)

Lithology: _____ US (32, 33) Origin: _____ 2 (34) Aquifer Thickness: _____ ft

Length of well open to: _____ ft (35, 37) 20 (38, 40) Depth to top of: _____ ft 310 (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: _____ ft (51, 53) _____ (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/ft^2; Spec cap: _____ gpm/ft; Number of geologic cards: _____ (79)

Well No. 69

0-2 Clay
12-72 Blue Clay } Quaternary
72-124 Clay
124-144 Brown shale
144-157 Fine sand
157-168 brown shale sand
168-184 fine sand pebbles } coal fuel
184-225 Shale
225-260 Brown, stream sand
260-295 Red Clay
295-310 Shale } Claiborne
310-330 Sand
330-365 Fine sand, [illegible] } Sparta
365-[illegible] [illegible]

UP-DATED _____

GPO 857-700