64 A

FORM 9-1642
(1-68)

Well No. E 6

Elog #43

PUNCHED NOV 18 1972

WELL SCHEDULE

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

Yes
JAN 11 1974

MASTER CARD

Record by: B.E.W. — Source of data: [illegible] — Date: 5-18-72 — Map: Kirkville

State: Miss. — 28 — County (or town): Itawamba — 29

Latitude: 34 22 45 N — Longitude: 088 23 25 — Sequential number: 1

Lat-long accuracy: 2 — T. 8 S, R. 9 E, Sec 18, SW ¼, SE ¼ — B & M

Local well number: E006CD1808S09E — Other number:

Local use: 043 — Owner or name: USCE

Owner or name: USCE NO 64A — Address:

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

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 — U

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 — O

DATA AVAILABLE: Well data — Freq. W/L meas.: M — Field aquifer char.

Hyd. lab. data:

Qual. water data: type: — C

Freq. sampling: — Pumpage inventory: yes no, period:

Aperture cards: yes

Log data: E-log 0-226 — D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD — Depth well: 106 ft — Meas. rept — accuracy: 1

Depth cased (first perf.): 66 ft — Casing type: PVC; Diam. 4 in — 4

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

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: 5-16-72 — 972 — Pump intake setting: ft

Driller: USCE Parker (name), Mobile (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 — Deep / Shallow

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

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

Alt. LSD: 300 — Accuracy (source): [illegible] — 4

Water Level: +12.80 ft above/below MP, Ft above/below LSD: +12 — Accuracy: A

Date meas.: 072 — Yield: 165 gpm — 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.

Well No. E6 (64A)

Latitude-longitude ___ N S ___ d m s d m s

HYDROGEOLOGIC CARD

Physiographic Province: 0 3 (20 21) Section:

Drainage Basin: 1 3 B (23 25) Subbasin: (26)

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

MAJOR AQUIFER: system, series K 3 (28 29) aquifer, formation, group G Φ (30 31)

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

5 8 (35 37) Length of well open to: ft 1 5 (38 40) Depth to top of: ft 9 2 (41 43)

MINOR AQUIFER: system, series K 3 (44 45) aquifer, formation, group E U (46 47)

Lithology: 6 5 (48 49) Origin: 6 (50) Aquifer Thickness: ft

4 5 (51 53) Length of well open to: ft 2 5 (54 56) Depth to top of: ft 5 0 (57 59)

Intervals Screened:

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

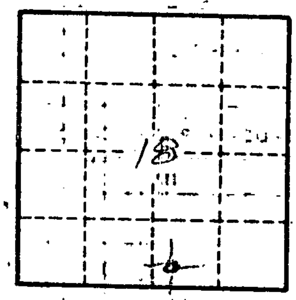
Depth to basement: ft (65 68) Source of data: (69)

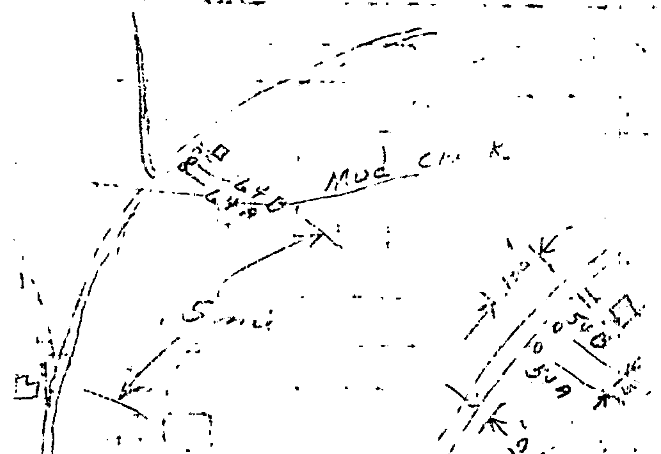
Surficial material: (70 71) Infiltration characteristics: (72)

Coefficient Trans: gpd/ft (73 75) Coefficient Storage: (76 78)

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

[illegible] to est. origin 100-140' but gravel [illegible] filled hole





Well No. E6

See 64B for driller's log

220' top of Pz

GPO 937-142