

Well No. 417

#3291

WELL SCHEDULE

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

MASTER CARD

Record by B.D. Source of data RECORDS Date 2-71 Map Columbus South

State 42 County Lowndes

Latitude: 33 25 08 N Longitude: 088 23 45 W

Local well number: 4017 B D I O I S I 8 W

Local use: 064 857

Owner or name: HOOKER CHEMICAL

Address: Columbus

Ownership: Occidental Chemical Corp.

Use of water: (S) (T) (U) (V) (W) (X) (Y) (Z)

Use of well: (A) (D) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z)

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

Hyd. lab. data: Qual. water data; type: Freq. sampling: Pumpage inventory: Aperture cards: Log data: D-log on old sched.

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 544 ft Meas. rept accuracy

Depth cased: 494 ft Casing type: 12x8 in

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, other

Method Drilled: air rot, bored, cable, dug, hyd, jetted, air rot., percussion, rotary, reverse, trenching, driven, drive wash, other

Date Drilled: 957 Pump intake setting: 110 ft

Driller: Layne Central Memphis Tenn

Lift (type): air, bucket, cent, jet, multiple, none, piston, rot, submerg, turb, other

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 50 Trans. or meter no.

Descrip. MP 178 ft below LSD, Alt. MP 180 Accuracy: 20

Alt. LSD: 180 Accuracy: 20

Water Level: 37 ft below MP; 37 ft below LSD Accuracy: 50

Date meas: 857 Yield: 500 gpm Method determined

Drawdown: Accuracy: Pumping period: 4 hrs

QUALITY OF WATER DATA: Iron Sulfate Chloride Hard. Sp. Conduct K x 10 Temp. Date sampled

Taste, color, etc.

PUNCHED 156-A

10-23-91
35.0 toll
1.35 cut
33.65
1.45 MP
32.20 WL

10/4/78
WL=91.85
88.2

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Latitude-longitude N
S

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____

D Drainage Basin: 713L Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat
(F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V)

MAJOR AQUIFER: K3 system series aquifer, formation, group G10

Lithology: S Origin: 2 Aquifer Thickness: 54 ft

Length of well open to: 67 ft Depth to top of: 505 ft

MINOR AQUIFER: _____ system series aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft

Intervals Screened: 811 ~~505~~ ~~556~~

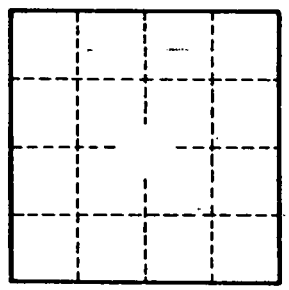
Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: 293 gpd/ft Coefficient Storage: _____

Coefficient Perm: 430 gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____



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