

315815089170601

WRD Exp. (GW)
April 1966

Well No. J4

WELL SCHEDULE

272 B BAY SPRINGS

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by J.A. Callalica Source W.G. Horne of data Layne Central Co Date 12-9-66 Map

State Miss 22 28 County Jasper (or town) 0 31 Sequential number: 1

Latitude: 31 58 15 N Longitude: 08 9 17 0 8 Sequential number: 1

Lat-long accuracy: 2 T. 2 S. R. 10 W. Sec 33 SE 1/4 NW 1/4

Local well number: J 0 0 4 6 B 3 3 0 2 N 1 0 E Other number: B & M

Local use: 064 Owner or name: Bay Springs

Owner or name: BAY SPRINGS MGS Address:

Ownership: County, Fed Gov't, (M) City, Corp or Co, Private, State Agency, Water Dist M

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, (P) P S, Rec, (S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other P

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, (W) Withdraw, Waste, Destroyed W

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

Hyd. lab. data:

Qual. water data; type: MSBOW Complete

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

Aperture cards: D

Log data:

10/26/89 80.99

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 642 ft Meas. 642 Meas. accuracy 6

Depth cased: 580 ft Casing type: steel Diam. 10x6 in 10

Finish: porous concrete, gravel w. (perfl.), (G) gravel w. (screen), horiz. gallery, end, (H) open perf., screen, sd. pt., shored, open hole, other 6

Method Drilled: (A) air bored, cable, dug, rot., (C) (D) (H) (J) (P) (R) (T) (V) (W) (Z) (other) 14

Date Drilled: 9/13/1961 Pump intake setting: 961 ft 36

Driller: Layne Central Co, Jackson Miss

Lift (type): (A) air, bucket, cent, jet, (B) multiple, (C) multiple, (D) none, (E) piston, (F) rot, (G) submerg, (H) turb, (I) other T Deep Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind, H.P. V Trans. or meter no. 41

Descrip. MP Breather hole in north side of pumpbase 2 ft above LSD. Alt. MP 403

Alt. LSD: 395 Accuracy: 5

Water Level: 145.55 ft above MP; Ft below LSD 144 Accuracy: 7

Date meas: 12-9-66 Yield: 266 gpm Method determined 61

Drawdown: 0 ft Accuracy: 0 Pumping period: 0 hrs

QUALITY OF WATER DATA: Iron 3 ppm Sulfate 78 ppm Chloride 41 ppm Hard. 22 ppm

Sp. Conduct 700 K x 10⁶ Temp. 75 °F Date sampled 62

Taste, color, etc. 1

12/22/80
135
13.1
121.9
MP 2.0
119.9
395
120
275

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Latitude-longitude 31 58 15 ^N 089 17 06 _{d m s d m s}

HYDROGEOLOGIC CARD

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

Drainage Basin: D 130 Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (K) (L) offshore, pediment, (S) hillside (T) terrace, undulating, valley flat _____ 27 S

MAJOR AQUIFER: Tertiary, Eocene series TE Cockfield aquifer, formation, group C

Lithology: Sand Origin: Deltaic 3 Aquifer Thickness: _____ ft

Length of well open to: 50 ft Depth to top of: 540 ft

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

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

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

Intervals Screened: 6"

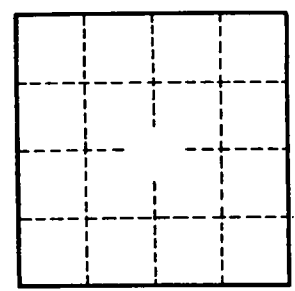
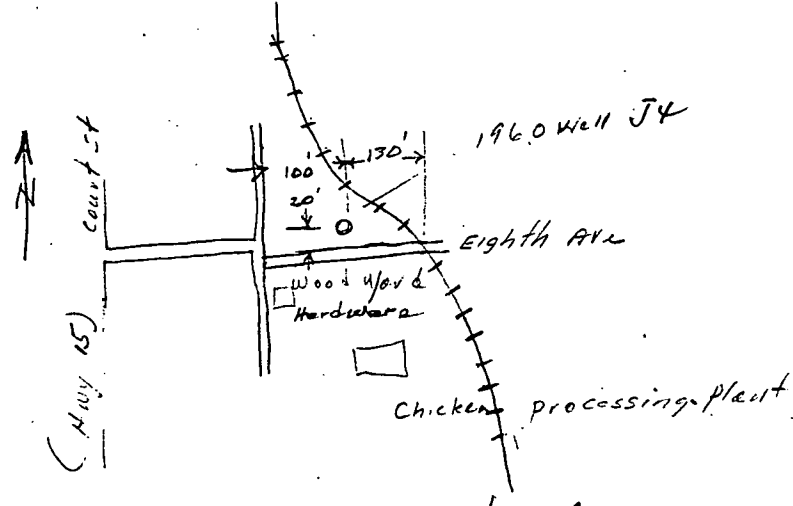
Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

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



Shutter Screen No 8
580 of 10"
65 of 6"
50 of Screen
6 of BOP.

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