FORM 9-1642
(1-68)

Well No. K19a

ROLLA CORRELATION SEARCH

WELL SCHEDULE

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

Elog #16

JUN 23 1975

MASTER CARD

Record by WTO Source of data Obs dr. Ner Date 8/24/71 Map

State 28 County (or town) CHOCTAW 10

Latitude: 33 17 03 N Longitude: 089 08 18 Sequential number: 1

Lat-long accuracy: 2 T. 16 S, R. 11 W, Sec. 2, SW ¼, NE ¼, NW ¼ B & M

Local well number: K019AB0216N11E Other number:

Local use: 064016 Owner or name:

Owner or name: U S FOREST SERV Address: CHOCTAW LAKE

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 — Water sample — Z

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (Φ) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed. — T

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

Hyd. lab. data:

Qual. water data; type: MSGS USGS — C

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

Aperture cards: yes

Log data: Elog 14'-578' — E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 424 ft Meas. rept accuracy — 3

Depth cased: (first perf.) 404 ft Casing type: Diam. 6x4 in — 6

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Φ) 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: 971 Pump intake setting: ft

Driller: Singer Layne (name), Jackson (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, LP gas, gasoline, hand, wind; H.P. 3 — T Trans. or meter no.

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

Alt. LSD: 560 Accuracy: (source) ENG — 6

Water Level ft above/below MP; Ft above/below LSD 185 Accuracy: — A

Date meas: 871 Yield: gpm 45 Method determined — 1

Drawdown: ft 19 Accuracy: Pumping period hrs 14

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

Sp. Conduct 260 K x 10^6 4 Temp. 66.5 °F 190 Date sampled 871

Taste, color, etc. field Fe >.1, pH=8.4

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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: 03 (20–21) Section:

D (22) Drainage Basin: 13G (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 H (27)

MAJOR AQUIFER: _____ system, _____ series TE (28–29) _____ aquifer, formation, group LW (30–31)

Lithology: _____ 45 (32–33) Origin: _____ 2 (34) Aquifer Thickness: _____ ft

(35–37) Length of well open to: _____ ft 20 (38–40) Depth to top of: _____ ft (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: _____

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

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

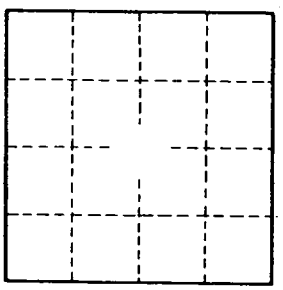
Surficial material: _____ (70–71) Infiltration characteristics: _____ (72)

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

Coefficient Perm: _____ gpd/ft^2; Spec cap: 5 gpm/ft; Number of geologic cards: _____ (79)

Static level 185'
Pumping level 194'
@ 14 hours

162' 6"



Well No. K19A

GWSI UPDATES

Well No K19a
County CHOCTAW

Item No	Changed From	Changed To	Requested by Initial	Requested by Date	Updated by Initial	Updated by Date
C17	K019 U S FOREST SERVICE	K019a U S FOREST SERV	DEB	7-6-92	JLL	7-10-92
C27	587	424	JLL	7-10-92	"	"