WRD Exp. (GW)
April 1966

Well No. L 9

WELL SCHEDULE

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

PUNCHED and VERIFIED ROLLA COMPUTATION BRANCH

03170006

MASTER CARD

Record by T.W.S. Source of data Driller Date 7/16/58 Map

State 28 County (or town) JACKSON 30

Latitude: 30 31 14 N (deg 7, min 9, sec 11) Longitude: 088 33 12 (12 degrees, 15 min, sec 18) Sequential number: 1 (19)

Lat-long accuracy: 2 (20) T. 6 S R 6 E Sec 14, ~~NW~~ ¼, ~~SE~~ ¼, SE/NW/SE ¼, ____ ¼ B & M

Local well number: L009BD140650W (21–34) Other number: ____

Local use: OBS (35–51) Owner or name: Ocean Springs

Owner or name: JACK HUDSON (52–65) Address: Lionell Smith

LIONELL SMITH 56 THREE RIVERS MIARIDA

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist ____ 67 P

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 ____ 68 H

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 69 W

DATA AVAILABLE: Well data (70) Freq. W/L meas.: ____ (71) Field aquifer char. 72

Hyd. lab. data: ____ 73

Qual. water data; type: ____ 74

Freq. sampling: ____ (75) Pumpage inventory: yes / no, period: ____ 76

Aperture cards: ____ yes 77

Log data: ____ (78–79)

D. D
10-27-82
+13.00'
ABOVE LSD

+10.5'
11/20/85

7/7/1988
T=28.0°
cond=1020
pH=8.8
WL=-9.7

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD (1–19) Depth well: ____ ft 957 (20–23) Meas. rept ____ accuracy 24 6

Depth cased: (first perf.) ____ ft 937 (25–28) Casing type: Steel ; Diam. ____ in 2 (29–30)

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 ____ 5 (31)

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 (32)

Date Drilled: ____ 957 (33–35) Pump intake setting: ____ ft (36–38)

Driller: L.L. GARLAND (name), ____ (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 N (39) Deep / Shallow ____ (40)

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

Descrip. MP 12 ft above / below LSD, Alt. MP ____

Alt. LSD: ____ 10 (42–45) Accuracy: (source) ____ 47 4

Water Level ____ ft above / below MP; Ft ~~above~~ / below LSD +18 (48–51) Accuracy: ____ 52 10

Date meas: ____ 58 (53–55) Yield: ____ gpm (56–60) Method determined 61

Drawdown: ____ ft (62–64) Accuracy: ____ (65) Pumping period ____ hrs (66–68)

QUALITY OF WATER DATA: Iron ____ ppm (69) Sulfate ____ ppm (70) Chloride ____ ppm (71) Hard. ____ ppm 72

Sp. Conduct ____ K x 10^6 (73) Temp. ____ °F (74–76) Date sampled ____ (77–79)

Taste, color, etc. STRONG SULFUR SMELL & COLOR

TEMP. 25°C S.P. - 970 P.H - 8.8 10-27-82 D.C.

2/5/86 COND. T = 26.5°C

2/5/86
MP = 3.0 ft
FLOW 2 gal/min
WL = 7.4' ABOVE LSD
3.5 PSI
7.4+3.0
WL = 10.4
ABOVE LSD
M. MANNING

Well No. L 9

Well No. L9

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: 130 (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 TM (28–29) aquifer, formation, group PA (30–31)

Lithology: US (32–33) Origin: 3 (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:

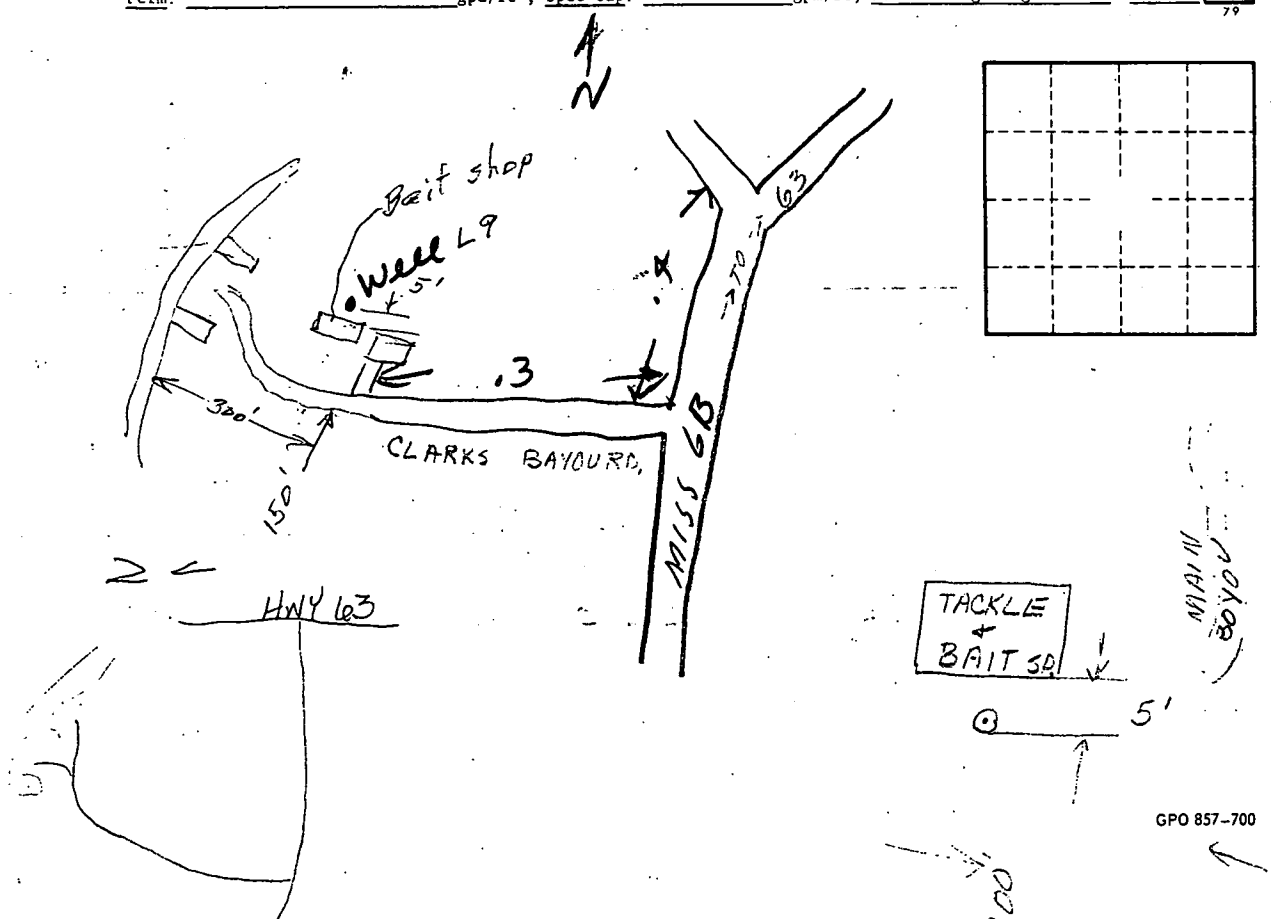
Depth to consolidated rock: ft (60–63) Source of data: (64)

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/ft²; Spec cap: gpm/ft; Number of geologic cards: (79)



Well No. L9

GPO 857-700