

Well # 76

Have a new well developed in the Sparta Sand. JAC 12/17/76

FORM 9-1642 (1-68)

Well No. G2

WELL SCHEDULE

E Log 12

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED AND VERIFIED BY ROLLA COMMUNICATION BRANCH

MASTER CARD

Record by WTO Source of data Obs-driller Date 4/69 Map _____

State 28 County COANOMA (or town) 14

Latitude: 34° 08' 59" N Longitude: 090° 04' 63" W Sequential number: 1

Lat-long accuracy: 2 T. 26 S. R. 6 Sec 1 SW 1 SW 1 SW 1

Local well number: 0002CC0126NO6W Other number: _____ B & M

Local use: 020012 Owner or name: RENA LARA

Owner or name: RENA LARA WA Address: _____

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) P S, (P) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Recharge, (W) Desal-P S, (X) Desal-other, (Y) Other U

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

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

Hyd. lab. data: _____

Qual. water data; type: LOGS 3/71, 12/74

Freq. sampling: Pumpage inventory: yes no; period: _____

Aperture cards: _____

Log data: E log 5' - 1652

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1527 ft Meas. 3 accuracy

Depth cased; (first perf.): 1477 ft Casing type: Steel; Diam. 4 1/4 in

Finish: (C) porous concrete, (F) gravel w. concrete, (G) gravel w. (perf.), (H) horiz. (screen), (I) open gallery, (J) end, (K) other 5

Method: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd, (F) jetted, (G) air rot., (H) reverse percuss, (I) trenching, (J) driven, (K) drive wash, (L) other 4

Date Drilled: 7/69 Pump intake setting: _____ ft

Driller: BAILEY DRLG CO. GREENVILLE, MISS.

Lift (type): (A) air, (B) bucket, (C) cent., (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot., (J) submerg, (K) turb., (L) other 7 Deep 7 Shallow 40

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 15 4 Trans. or meter no. _____

Descrip. MP _____ ft above LSD, Alt. MP _____

Alt. LSD: 1155 Accuracy: topo

Water Level: 1/2 ft above MP; 1/2 ft below LSD Accuracy: _____

Date meas: 7/69 Yield: _____ gpm Method determined: _____

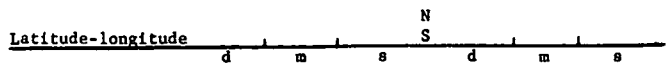
Drawdown: _____ ft Accuracy: _____ Pumping period: _____ hrs

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

Sp. Conduct 1050 K x 10⁶ 5 Temp. °F 27.5 Date sampled 3/71 371

Taste, color, etc. _____

12-12-74 Collected complete logs @ 1600. temp. = 28.5°C; pH = 8.3; specific conductance = 1450



HYDROGEOLOGIC CARD

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

Drainage Basin: E **Subbasin:** 15H

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

MAJOR AQUIFER: system _____ series TE aquifer, formation, group MW

Lithology: US **Origin:** 2 **Aquifer Thickness:** _____ ft

Length of well open to: 80 ft **Depth to top of:** 1455 ft **A46**

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: 4' S.S.

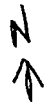
Depth to consolidated rock: _____ ft **Source of data:** _____

Depth to basement: _____ ft **Source of data:** _____

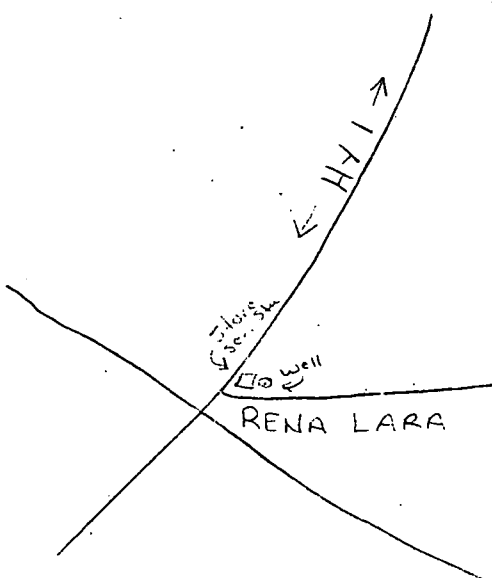
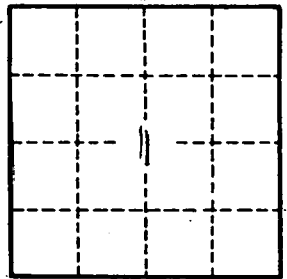
Surficial material: _____ **Infiltration characteristics:** _____

Coefficient Trans: _____ gpd/ft **Coefficient Storage:** _____

Perm: _____ gpd/ft²; **Spec cap:** 3.3 gpm/ft; **Number of geologic cards:** _____



8,000 gal. pressure storage tank.
No way to measure
of a water level.



Sta. pumping test by driller
8-28-69
193 gpm by orifice
Static water level = +0.5
58' of dd
Specific capacity = 3.3 gpm
per ft. of dd

Driller rpt CL 320 100 gpm #125

ELOG #12

APR 1971

COAHOMA
G2
12-12-69

MISSISSIPPI
BOARD OF WATER COMMISSIONERS
416 North State Street
Jackson, Mississippi 39201

WATER WELL DRILLERS LOG

CODED

12-12-69 date well completed
Bailey Well Co firm name
Coahoma county well located

LANDOWNER: <u>RENA LAURA</u> <u>WATER ASSOC</u>	description of formations encountered	from	to
	Sand	0	90
	Wood	90	92
(mailing address)	Gravel	92	158
WELL LOCATION:	Mud	158	530
sec <u>1</u> T <u>26</u> N R <u>6</u> E	Rock	530	531
_____ miles _____ of <u>RENA LAURA</u>	Mud	531	600
(distance) (direction) (nearest town)	Sand	600	920
WELL PURPOSE:	Mud	920	915
(home, irrigation, municipal, industrial)	Rock	915	917
WELL COMPLETION DATA:	Mud	917	934
(1) diameter (inches) <u>8 X 4</u>	Rock	934	935
(2) total depth (feet) <u>1527</u>	Mud	935	955
(3) static water level (feet) <u>1/2</u> below top of ground.	Rock	955	960
(4) casing <u>Steel</u> (material) _____ (depth)	Mud	960	995
_____ If telescope see back. (size)	Rock	995	997
(5) screen <u>50</u> _____ <u>1477</u> (length) (depth to top)	Mud	997	999
<u>4"</u> _____ <u>55</u> (size) (material)	Rock	999	1000
(6) pump <u>15</u> _____ <u>175</u> (HP) (yield gpm)	Mud	1000	1005
<u>Elec</u> (type power)	Rock	1005	1006
(7) electric log <input checked="" type="checkbox"/> (yes or no)	Mud	1006	1015
<u>MSQS</u> (organization running log)	Rock	1015	1016
(8) how well bottom plugged <u>BW</u>	Mud	1016	1025
DRILLERS REMARKS:	Rock	1025	1026
<u>3 holes broke drill stem 2 times.</u>	Mud	1026	1040
	Rock	1040	1042
	Mud	1042	1070
	Rock	1070	1086
	Mud	1086	1180
	Sand & mud	1180	1215
	Mud	1215	1240
	Sandy mud	1240	1260
	Mud	1260	1325
	Sand & mud	1325	1360
	Mud	1360	1390
	Sand	1390	1410
	Mud	1410	1470
	Sand	1470	1530
	Mud	1530	1652