

MS-6W-13044  
DOM # 140011-01

Rena Lara

FORM 9-1642  
(1-68)

Well No. 9 13

FORWARDED

WELL SCHEDULE

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

12/11/98  
2.24.84  
TSH

MASTER CARD

Record by MAH Source of data EDWC Date 7/10/75 Map Rena Lara

State 27 County (or town) Calhoun 14

Latitude: 34<sup>08</sup>58<sup>N</sup> Longitude: 09<sup>04</sup>63<sup>8</sup> Sequential number: 1

Lat-long accuracy: 3<sup>T</sup>26<sup>S</sup> Sec 6 1<sup>SW</sup> 3W SW

Local well number: 0126 Other number: 106

Local use: 014 Owner or name: RENA LARA W. A. Address: Rena Lara

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

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

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

don't know if used, but water.

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

Hyd. lab. data:

Qual. water data; type:

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

Aperture cards:  yes

Log data: Ref E log #12 125' away

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1540 Meas. rept accuracy 24

Depth cased: (first perf.) 1500 Casing type: Steel Diam. 12

Finish: porous concrete, gravel w. (perf.), (screen), gallery, end, (H) horiz. open perf., (S) screen, sd. pt., (W) shored, open hole, (X) other 5

Method Drilled: (A) air bored, (C) cable, (D) dug, (H) hyd jetted, (J) air reverse, (P) percuss, (R) rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other 4

Date Drilled: 9.7.5 Pump intake setting: 30

Driller: Debra ... name address 7 Deep  Shallow

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other 7

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

Descrip. MP 155 Accuracy: (source) topo

Alt. LSD: 15 Accuracy: 15

Water Level: 7.5 Yield: 7.5 Method determined 61

Drawdown: 7.5 Accuracy: 7.5 Pumping period: 7.5

QUALITY OF WATER DATA: Iron 69 Sulfate 70 Chloride 71 Hard. 72

Sp. Conduct 73 Temp. 74 Date sampled 75

Taste, color, etc. CL: 4.0 rpt by driller 11/75

**HYDROGEOLOGIC CARD**

SAME AS ON MASTER CARD

Physiographic Province: \_\_\_\_\_

03 Section: \_\_\_\_\_

E Drainage Basin: \_\_\_\_\_

15H Subbasin: \_\_\_\_\_

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

MAJOR AQUIFER:

system \_\_\_\_\_ series TE aquifer, formation, group MW

Lithology: \_\_\_\_\_

Origin: S Aquifer Thickness: 72 ft

Length of well open to: \_\_\_\_\_ ft

Depth to top of: 40 1460 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:

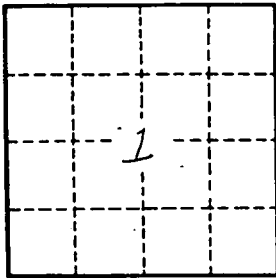
Depth to consolidated rock: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

Depth to basement: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

Coefficient Trans: \_\_\_\_\_ gpd/ft Coefficient Storage: \_\_\_\_\_

Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_



Well No. \_\_\_\_\_

WILCOX DATA SHEET-VERIFICATION CHECKLIST

COUNTY Coahoma

RENA LARA  
(ELOG # 12)  
for GZ

WELL OWNER Rena Lara W.A.

CHECKED

U.S.G.S. NO. G13

10/24/94

B.O.H. NO. 0140011-01

10/24/94

OLWR NO. \_\_\_\_\_

LOCATION:

*Irreg sect*  
↓

MAP SE, NW, SW, SW S1 T26N, R6W

10/24/94

GPS C072816B

ELEV. (MSL) 155'

10/25/94

W.L. (L.S.) (1) 20.57'

10/24/94

(2) \_\_\_\_\_

HEAD (MSL) +134.43'

10/24/94

SCREENED INTERVAL 1500' - 1540' (LS) (-1345.40 - 1385) msl

10/24/94

AQUIFER VERIFIED MERIDIAN - UPPER WILCOX

10/24/94

PREVIOUS W.L. -24.50' (1988) | -23.30 (1979) | -15' (1975)

10/24/94

DATA ENTERED \_\_\_\_\_

*Replaced with  
Sparta well*

Coahoma  
G 13  
3/7/75

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

CODED

WATER WELL DRILLERS LOG

March 7, 1975 *Rena Lara Water Assn.* Coahoma  
date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
Rena Lara Water Assn.			
Rena Lara, Miss. (mailing address)	Sandy clay	0	2'
	Brown sand	2	35'
	Coarse sand & gravel	35	163'
	Clay	163	315'
	Sand	315	339'
	Clay	339	364'
	Clay & Sandy clay	364	435'
	Sand	435	487'
	Clay	487	491'
	Sand	491	508'
	Shale	508	615'
	Sandy shale	615	650'
	Sand (Good)	650	758'
	Sandy shale	758	836'
	Shale	836	852'
	Sand & shale	852	877'
	Shale	877	914'
	Rock	914	917'
	Shale	917	926'
	Rock	926	927'
	Shale	927	946'
	Rock	946	948'
	Shale	948	1007'
	Shale & Rock	1007	1012'
	Shale	1012	1034'
	Rock	1034	1035'
	Shale	1035	1057'
	Rock	1057	1058'
	Shale	1058	1089'
	Shale & Rock	1089	1112'
	Shale	1112	1188'
	Sand	1188	1197'
	Shale & Sand	1197	1285'
	Shale	1285	1306'
	Hard Lime Stone	1306	1316'
	Shale	1316	1460'
	Fine sand	1460	1502'
	Coarse sand	1502	1532'
	Clay	1532	1540'

WELL LOCATION:  
sec. 1 T. 28 N R. 6 E 15th  
X W  
125 ft. NE of old well  
(distance) (direction) (nearest town)

WELL PURPOSE: municipal  
(home, irrigation, municipal, industrial)

WELL COMPLETION DATA:  
(1) diameter (inches) 14"  
(2) total depth (feet) 1540'  
(3) static water level (feet) -15' below top of ground.  
(4) casing Steel, 1490' (material) (depth), 8" (size) If telescope see back.  
(5) screen 40' (length), 40' (depth to top), 4" (size), Stainless steel (material)  
(6) pump 20 (HP), 200 (yield gpm), Electric (type power)  
(7) electric log nc (yes or no)  
(organization running log)  
(8) how well bottom plugged 100 lb. lead shot

DRILLERS REMARKS:

The box below is for office use only.

*MMWX*

*G13*

Issued: <i>5-12-1998</i>	Expires: <i>5-12-2008</i>	Fee Paid	<input checked="" type="checkbox"/>	Permit No. <i>GW-13044</i>
Lat. <i>34-09-00</i>	Long. <i>90-46-47</i>	Elev. <i>157</i>		USGS No.
Quad <i>Rena Lara</i>	Dist.			Basin No.
STAC				Dam Inv. No.
				Dam appl. No.

Dept. of Natural Resources, Bureau of Land and Water Resources, P.O. Box 10631, Jackson, MS 39289-0631

### APPLICATION FOR PERMIT TO DIVERT OR WITHDRAW FOR BENEFICIAL USE OF THE PUBLIC WATERS OF THE STATE OF MISSISSIPPI

**RECEIVED**

This application is for (circle one): GROUNDWATER SURFACE WATER

OCT 11 1998

Beneficial Use (circle one or more): Irrigation Fish Culture Municipal Rural Water Association Recreation Institutional (Examples: Church, School) Commercial (Examples: Hotel, Restaurant) Livestock Standby Fire Protection Flood Protection Other: \_\_\_\_\_

**LANDOWNER:**

*Rena Lara Water Assn - Inc.*  
 (Name) \_\_\_\_\_ (S/S or Tax ID No.) \_\_\_\_\_  
*P.O. Box 67*  
 (Address) \_\_\_\_\_  
*Rena Lara, MS 38767 (601) 624-8114*  
 (City) \_\_\_\_\_ (State and Zip) \_\_\_\_\_ (Telephone Number) \_\_\_\_\_

**APPLICANT, AGENT, OR LESSEE (if different from Landowner):**

*Same*  
 (Name) \_\_\_\_\_ (S/S or Tax ID No.) \_\_\_\_\_  
 (Address) \_\_\_\_\_  
 (City) \_\_\_\_\_ (State and Zip) \_\_\_\_\_ (Telephone Number) \_\_\_\_\_

**Location of diversion/withdrawal point (A suitable location map must accompany this application):**

*SW 1/4 of the SW 1/4 of Section 1, Township 26N, Range 86W, County COAHOMA*

**Volume of water diverted/withdrawn (Choose "a", "b", "c", or "d" ["d" is for units other than those shown in "a", "b", or "c"]):**

- (a) \_\_\_\_\_ acre-feet per year at a maximum rate of \_\_\_\_\_ gallons per minute
- (b) \_\_\_\_\_ million gallons per day at a maximum rate of 200 gallons per minute
- (c) \_\_\_\_\_ acre feet of storage at normal pool
- (d) \_\_\_\_\_ per \_\_\_\_\_ at a maximum rate of \_\_\_\_\_

Construction of proposed work will begin on (date) 10-15 years ago, 19\_\_\_\_ and will be completed by (date) \_\_\_\_\_, 1975.

Water will be used from (month) JAN to (month) Dec each year.

Does the land to which this application pertains have any source(s) of water other than that for which you are now applying (circle one)?  
**YES**  **NO**  If yes, describe the nature and amount of any additional supply and, if applicable, list permit numbers.  
*Stand-by HD# 140011-01*

**SECTION A (to be completed if application is for surface water source)**

1. Source of water is from \_\_\_\_\_ which drains into \_\_\_\_\_ which drains into \_\_\_\_\_ which drains into \_\_\_\_\_
2. Description of pump/diversion works:
  - (a) Pump (size and type): \_\_\_\_\_ Power Unit (size and type): \_\_\_\_\_  
 Lift: \_\_\_\_\_ feet Maximum capacity: \_\_\_\_\_ gallons per minute.
  - (b) Name of storage reservoir: \_\_\_\_\_ Dam height: \_\_\_\_\_ feet.  
 Surface area at normal pool: \_\_\_\_\_ acres. Storage capacity at normal pool: \_\_\_\_\_ acre-feet.

**SECTION B** (to be completed if application is for groundwater source)

1. Source of water is 1830' \_\_\_\_\_ aquifer.
2. Description of proposed water well:
- (a) DEPTH OF WELL: 1830' feet. DRILLER (name): Lynn Central Chemical
- (b) SURFACE CASING: Length: \_\_\_\_\_ feet. Diameter: 8" Inches. Type: Iron
- (c) SCREEN: Length: 40' feet. Diameter: 8" Inches. Type: \_\_\_\_\_
- (d) PUMP: Type: sub. Size: 5 HP Capacity: 2 gallons per minute.  
Number of stages: \_\_\_\_\_ Setting depth: 200 feet.
- (e) POWER UNIT: Type: \_\_\_\_\_ Size: 5 H.P. horsepower.
- (f) TYPE OF COMPLETION: \_\_\_\_\_

**WATER USE DATA:**

If for IRRIGATION, FISH CULTURE or any other areal use, show the number of acres to which water will be applied in the appropriate 40-acre block(s). Acreage must be shown on accompanying location map.

TOWN-SHIP	RANGE	SECTION	NE1/4			NW1/4			SW1/4			SE1/4			TOTALS
			NE1/4	NW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4		

1. IRRIGATION: List the number of acres of each crop to be irrigated: Rice \_\_\_\_\_; Cotton \_\_\_\_\_; Soybeans \_\_\_\_\_; Corn \_\_\_\_\_; Pasture \_\_\_\_\_; Truck \_\_\_\_\_; Wheat \_\_\_\_\_; Oats \_\_\_\_\_; Grain sorghum \_\_\_\_\_; Other (specify) \_\_\_\_\_ Acres \_\_\_\_\_

2. FISH CULTURE: Explain how water will be used: \_\_\_\_\_  
How often will reservoir(s) be emptied and refilled? 1-3 times  
405

3. MUNICIPAL or WATER ASSOCIATION  
Choose "a" or "b". (a) The number of people served is 405. (b) The number of connections/customers is 135.  
What is the estimated average daily consumption during periods of maximum use at the end of each five-year period during the next twenty years?  
(Volume) (Year) (Volume) (Year) (Volume) (Year) (Volume) (Year) (Volume) (Year) (Volume) (Year)

4. INDUSTRIAL: If water is to be released into a watercourse, indicate the amount released each year  
Rate of release \_\_\_\_\_; Location of release point in reference to diversion/withdrawal point \_\_\_\_\_  
Explain any change in quality of water to be released: \_\_\_\_\_  
NPDES Permit No. \_\_\_\_\_  
Explain how water will be used: \_\_\_\_\_  
How much groundwater will be used for once-through non-contact cooling? \_\_\_\_\_

5. RECREATION: Explain how water will be used: \_\_\_\_\_
6. OTHER use: Explain in detail: \_\_\_\_\_

REMARKS: (Well #2) This well is used only for a back up well with Lynn Central Chem. you may need

List below the person to be contacted for additional information if required:

(Name) \_\_\_\_\_  
(Address) \_\_\_\_\_  
(City, State, Zip) \_\_\_\_\_  
(Telephone) \_\_\_\_\_

The accompanying map is hereby declared a part of this application. The TEN DOLLAR (\$10.00) permit fee is enclosed herewith.

[Signature]  
(Signature)

Subscribed and sworn to before me this 8th day of Oct 1990 at Clarksdale  
County of Cashoona. My commission expires Jan 8, 1994  
Shirley J. Walker Notary Public

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR  
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Grantham DATE: 5.7.97  
UNIT DEQ #: \_\_\_\_\_ FILE #: B050720A  
HEALTH DEPT. #: 140011-01 ELEV. 157  
USGS #: G-13 OLWR #: MS-GW-13044  
OWNER: Rena Lava Wtr Assoc  
LOCATION: NW, SW, EWS 1 T26N R6W COUNTY: Cook  
LOCATION DESCRIPTION: Corner of Hwy 1 + BOBO to Rena Lava Rd  
Well in Concrete Block house  
CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: \_\_\_\_\_  
GPS FIELD LOCATION: LAT. 34 08 58.8 LONG. 90 46.48.0  
GPS CORRECTED LOCATION: LAT. 34.149809 LONG. 90.78016713  
REMARKS: Rena Lava Quad.  
not being used (using GW-15424, NO BOX #)

B050720A 340859.3 904648.6 - well in concrete block house?

