

WELL SCHEDULE
OFFICE OF LAND AND WATER RESOURCES

Fips 27

Well No. B-11

Log No. _____

Recorded by: LN Data Source: Jim Date: 6-23-97

County: Coahoma Permit No.: GW13046 DOH No.: 140004-02

1/4: SW, NW 1/4: NW 1/4: SW Sec.: 20 TWN: 29N RNG: 4W

Quad: Friars Point Elevation: 178

Plotted on quad?: _____ In field? _____ From drillers log? _____ From permit? _____

Latitude: _____ Longitude: _____ GPS? _____ From quad? _____

Primary Aquifer: SPRT Secondary Aquifer: _____

Use: _____ Well status: _____

Owner: Town of Friars Point

Address: _____

Telephone: _____ Local Well Name: _____

Date drilled: 2-11-96 Driller: Layne Western Co.

Well depth: 818 Well diameter: 12 Pump type: _____

Power type: _____ Pump capacity: 400

Screen interval(msl): -573 - -633 (land surface): 751' - 811'

Type of logs: _____ Log interval: _____

Initial water level(Is): _____ Date: _____

Measuring point description: _____

Water Quality Data? _____	Source: _____	Reliability: _____
Water Level Data? _____	Source: _____	Reliability: _____
Pump Test Data? _____	Source: _____	Reliability: _____
Water Use Data? _____	Source: _____	Reliability: _____

Water level data

This area for location map and notes

DATA SHEET-VERIFICATION CHECKLIST

COUNTY COAHOMA

FRIARS POINT QUAD

WELL OWNER FRIARS POINT

CHECKED

U.S.G.S. NO. B-11

JWJ

B.O.H. NO 140004-02

JWJ

OLWR NO. _____

LOCATION:

MAP NW, NWSW S 20, T 29N, R 4W

JWJ

GPS _____

ELEV. (MSL) 178'

JWJ

W.L. (L.S.) (1) - 37.8' 6-29-95

JWJ

(2) - 37.4' "

JWJ

HEAD (MSL) 140.2'

JWJ

SCREENED INTERVAL 751' - 811' (LS) / - 573' - - 633' (MSL)

JWJ

AQUIFER VERIFIED SPARTA

JWJ

PREVIOUS W.L. - 40.4' (10/24/99) / - 34' (2/11/76)

JWJ

DATA ENTERED _____

COAHOMA
 Bill
 2-11-76
 Flag #25
 2-11

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

WATER WELL DRILLERS LOG

1976 Layne Western Co. Coahoma
 date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
<u>Town of Friars Point</u>	clay	0	25
(mailing address)	fine sand	25	60
WELL LOCATION:	coarse sand	60	80
sec. <u>20</u> T. <u>29</u> N. R. <u>14</u> E. S. <u>5</u> W. <u>✓</u>	gravel	80	129
(distance) miles (direction) of (nearest town)	clay	129	140
WELL PURPOSE: <u>municipal</u> (home, irrigation, municipal, industrial)	clay/sand shls	140	155
WELL COMPLETION DATA:	rock	155	156
(1) diameter (inches) <u>12"</u>	clay	156	243
(2) total depth (feet) <u>818'</u>	sand	243	348
(3) static water level (feet) <u>34'</u> below above top of ground	clay	348	378
(4) casing <u>steel</u> <u>745'</u> (material) (depth)	sandy clay	378	390
<u>12"</u> if telescope see back. (size)	clay	390	397
(5) screen <u>60'</u> <u>751'</u> (length) (depth to top)	sand/clay shls	397	418
<u>8"</u> <u>stainless</u> (size) (material)	clay	418	422
(6) pump <u>40</u> <u>400</u> (HP) (yield gpm)	sand/clay shls	422	460
(type power)	clay	460	466
(7) electric log <u>yes</u> (yes or no)	sand/clay shls	466	508
(organization running log)	clay	508	523
(8) how well bottom plugged <u>Back pressure Valve</u>	sand/clay shls	523	525
DRILLERS REMARKS:	clay	525	620
	clay	620	715
	sand	715	744
	sandy clay	744	812
	rock	812	826
	sandy clay	826	828
		828	842

RECEIVED

SEP 13 1976

MISS. BD. OF WATER

Below is for office use only. **SPRT**

App No: 11-27-90	Expires: 11-27-2000	Fee Paid: <input checked="" type="checkbox"/>	Permit No: GW-13046
Lat: 34-22-12	Long: 90-38-17	Flow: 173	USGS No:
Quad: FRIARS POINT	Dist:		Basin No: 08030207
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 1990

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:
 Town of Friars Point, Mississippi (Well #2) 64-6010669
 (Name) (S/S or Tax ID No.)
 Box 185 700 Second Street
 (Address)
 Friars Point MS 38631 601 383 2233
 (City) (State and Zip) (Telephone Number)

APPLICANT, AGENT, OR LESSEE (if different from Landowner):
 (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):
 NW 1/4 of the SW 1/4 of Section 20, Township 29N, Range 4W, 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) **0.176** million gallons per day at a maximum rate of **450** 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) _____, 19____ and will be completed by (date) **3-3**, 19**76**

Water will be used from (month) **January** to (month) **December** 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)?
NO If yes, describe the nature and amount of any additional supply and, if applicable, list permit numbers.

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

Source of water is from _____ which drains into _____ which drains into _____ which drains into _____
 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.

(Continued on back)

13046

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

Well #2

- 1. Source of water is Sparta
- 2. Description of proposed water well:
 - (a) DEPTH OF WELL: 818 feet. DRILLER (name): Layne Central Company
 - (b) SURFACE CASING: Length: 745 feet. Diameter: 12 inches. Type: Steel Pipe (Welded)
 - (c) SCREEN: Length: 60 feet. Diameter: 8 inches. Type: Stainless Steel (Shutt)
 - (d) PUMP: Type: Turbine Size: 10" Capacity: 450 gallons per min
Number of stages: 8 Selling depth: 100 ft
 - (e) POWER UNIT: Type: Vertical Electric Motor Size: 40 horsepower
 - (f) TYPE OF COMPLETION: Gravel Wall Well

WATER USE DATA:

If for IRRIGATION, FISH CULTURE or any other special use, show the number of acres to which water will be applied in 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	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	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? _____

- 3. MUNICIPAL or WATER ASSOCIATION
 Choose "a" or "b" (a) The number of people served is _____ (b) The number of connections/customers is 438
 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)

- 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. 0140004
 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: _____

List below the person to be contacted for additional information if required:
 Name: Albert Douglas
 Address: Box 185
Friars Point, MS 38631
 (City, State, Zip)
601-383-2233 or 383-2383
 (Telephone)

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

Albert Douglas
(Signature)

Subscribed and sworn to before me this 9th day of October 1990 at Friars Point
 County of Cochran My commission expires MY COMMISSION EXPIRES JULY 5, 1993
Debra Murrin - Jones Notary Public

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Grantham DATE: _____
UNIT DEQ #: _____ FILE #: B050715D
HEALTH DEPT. #: 140004-02 ELEV. 178
USGS #: B-011 OLWR #: MSL6W-13046
OWNER: Town of Friars Point
LOCATION: SW, NW, SW S 20 T 29N R 04W COUNTY: Coahoma
LOCATION DESCRIPTION: E of Eleu Tank at Corner of 3rd + Ebb
CASING DIA: 12" PUMP TYPE & SIZE: Turbin
GPS FIELD LOCATION: LAT. 34 22 11.1 LONG. 90 38 18.2
GPS CORRECTED LOCATION: LAT. 34.369744 LONG. 90.63841241
REMARKS: FRIARS POINT QUAD

FRIARS POINT QUADRANGLE
MISSISSIPPI-ARKANSAS
7.5 MINUTE SERIES (TOPOGRAPHIC)

SW/4 FARRELL 15' QUADRANGLE

2852 1 NE
(MOON LAKE)

