

GW12917

Mattison

DOH #140045-01

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT
WELL RECORD

6/78 WTD

Recorded by WTD
Date 12/5/78

Well No. L44
E-Log No. 32
County COAHOMA

TRANSMITTED FOR ADP

1979

Site ID 340606090372501 R=0* T=A* 2=W*

Data reliab. 3=C Report. agency 4=USGS Dist. 6=28 7=28 Co. 8=027

Lat. Long. / 9=340606 10=0903725 Well No. 12=L044

SW NW Location 13=NWNW s 28 T 26 N R 04 W Alt. 16=156

Hyd. Unit (OWDC) 20= Date 21=10/24/1978

Well use 23=W Water Use 24=P Hole depth 27=1246 Well depth 28=1236

WL 30=1.2 Date 31=11/08/1978 Source 33=D

Status 273= Project No. 5=

GEN. SITE DATA

OWNER

R=158* T=A* Date 159# 11/08/1978 Owner No. Well #1

Owner 161=PINE GROVE WA

FIELD OW

R=192* T=A* Date 193# Temp. 196#00010 197=

R=192* T=A* Date 193# Cond. 196#00095 197=

R=192* T=A* Date 193# pH 196#00400 197=

CONSTR.

R=58* T=A* 59# 1* Date 60=11/08/1978 Remarks

Drlg. 63=0.64 Name Layne Method 65=H Finish 66=B

CASING

R=76* T=A* 59# 1*

Top csng. 77# 0 Bot. csng. 78= Diam. 79# 8

R=76* T=A* 59# 1*

Top csng. 77# Bot. csng. 78= Diam. 79#

OPENINGS

R=82* T=A* 59# 1* Top 83# 1195 Bottom 84=1236

Type 85=S Diam. 87=4 Size 88=

R=82* T=A* 59# 1* Top 83# Bottom 84=

Type 85= Diam. 87= Size 88=

YIELD

R= 146 T=A* 147# 1 Q 150=150 Q/S 272=

134 flows 146 pumped

LIFT

R=42* T= A * Lift type 43# T* Intake 44= * Power type 45= E*

Date 38- 11 / 08 / 1978* H.P. 46= 15.*

LOGS

R=198* T= A * Log 199# D* Top 200= 0.* Bot 201= 1246.*

R=198* T= A * Log 199# E* Top 200= 21.* Bot 201= 1220.*

R=189* T= A * E Log No. 190# 032* 191= M I S S D I S T *

ANAL.

R=114* T= A * Year 115# * Type 120= *

AQUIFERS

R=90* T= A * 256# 1 * Top 91= 1199.* Bot 92= 1236.*

Unit ID 93= 124 T L L T * Name of Unit

R=90* T= A * 256# 1 * Top 91= * Bot 92= *

Unit ID 93= * Name of Unit

HYDRAULICS

R=98* T= A * 99# 1 * Unit tested 100= * 103= *

R=105* T= A * 99# 1 * Test No. 106# *

107= * Transmissivity (gal/d)/ft

108= * Hydraul. cond. (gal/d)/ft²

110= * Storage coeff. Boundaries

R=121* T= * Yr Begin 122# * Network 258= *

Water Level Data Collection (1)

description of formations encountered	from	to
clay	0	7
c. sand & pea gravel	7	31
coarse sand	31	79
c. sand & gravel	79	144
sand & clay stks.	144	172
clay	172	236
sand	236	278
clay	278	290
sand	290	515
clay	515	715
sandy clay	715	745
clay	745	777
rock	777	778
clay & stks.of rock	778	935
sandy clay	935	965
stks.of sand & clay	965	1095
clay	1095	1198
sand	1198	1236
shale	1236	1246

DATA SHEET-VERIFICATION CHECKLIST

COUNTY Coahoma

MATTSON QUAD

WELL OWNER PINEGROVE W.A. (WELL #1) CHECKED

U.S.G.S. NO. L-44 JSH

B.O.H. NO 140045-01 JSH

OLWR NO. _____

LOCATION:

MAP SW,NW,NW,NW S28, T26N, R4W JSH

GPS _____

ELEV. (MSL) 156' JSH

W.L. (L.S.) (1) -25.5' 7-18-95 JSH

(2) -25.3' " JSH

HEAD (MSL) 130.5' JSH

SCREENED INTERVAL 1,195'-1,236' (LS) / -1,039' - -1,080' (MSL) JSH

AQUIFER VERIFIED TALLAHATTA JSH

PREVIOUS W.L. -12' (11/8/78) JSH

DATA ENTERED _____

COAHOMA
CL-0999 **L44**
11-8-78
ELog # 32

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

CODED

11-8-78 date well completed 1978 firm name LAYNE CENTRAL CO. COAHOMA county well located

LANDOWNER: Pinegrove Water Assn. Clarksdale, MS 38614 (mailing address)	description of formations encountered	depth	
		from	to
WELL LOCATION: sec. 28 T 26 N R 4 E 4 miles NE of Alligator (distance) (direction) (nearest town)	clay	0	7
	c. sand & pea gravel	7	31
	coarse sand	31	79
	c. sand & gravel	79	144
	sand & clay stks.	144	172
	clay	172	236
	sand	236	278
	clay	278	290
	sand	290	515
	clay	515	715
	sandy clay	715	745
	clay	745	777
	rock	777	778
	clay & stks. of rock	778	935
	sandy clay	935	965

WELL COMPLETION DATA:	
(1) diameter (inches) 16"	
(2) total depth (feet) 1241'	
(3) static water level (feet) 12' below top of ground	
(4) casing (material) (depth) 1195'	
8" (size) if telescope see back.	
(5) screen (length) (depth to top) 4" 119'5"	
4" St. Steel	
(size) (material) 15 150	
(6) pump (HP) (yield gpm)	
electric	
(type power)	
(7) electric log yes	
(yes or no)	
U.S.G.S.	
(organization running log)	
4'4" Backpressure valve	
(8) how well bottom plugged	

DRILLERS REMARKS:

1195
41
36
1241
41
1200

Miss. Board of Water Comm.

MAR 27 1979

RECEIVED

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

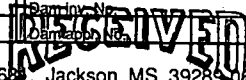
USER NAME(S): Grantham DATE: 6-11-97
UNIT DEQ #: _____ FILE #: B061121B
HEALTH DEPT. #: 140045.01 ELEV. 160
USGS #: L-44 OLWR #: MS-6W-12917
OWNER: Pine Grove Water Assoc
LOCATION: NW, NW S 28 T 26 R 4W COUNTY: Coahoma
LOCATION DESCRIPTION: on Palmer Road
CASING DIA: _____ PUMP TYPE & SIZE: _____
GPS FIELD LOCATION: LAT. 340604.0 LONG. 903730.0
GPS CORRECTED LOCATION: LAT. 34.101100 LONG. 90.62497404
REMARKS: Mattson Quad.

Good

The box below is for office use only.

L-44
GWP 14120044
TLT

Issued: <u>12-11-90</u>	Expires: <u>12-11-2000</u>	Fee Paid: <input checked="" type="checkbox"/>	Permit No. <u>GW-12917</u>
Lat. <u>34-06-09</u>	Long. <u>90-37-29</u>	Elev. <u>158'</u>	USGS No.
Quad. <u>MATTSON</u>	Dist.		Basin No. <u>08030207</u>
STAC	Sampling No.		Competition No.



Dept. of Natural Resources, Bureau of Land and Water Resources, P.O. Box 10688, Jackson, MS 39289-0631

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

Department of Natural Resources
Bureau of Land & Water Resources
8-6-90
Fee Paid

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

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

LANDOWNER:

Pine Grove Community Water Assn. 64-0625166
(Name) (S/S or Tax ID No.)
Rt. 2, Box 178
(Address)
Clarksdale MS 38614 (601) 624-2203
(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 NW 1/4 of Section 28, Township 26N, Range 04W, 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) .038 million gallons per day at a maximum rate of 185 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) November, 1978 and will be completed by (date) 11-08, 19 78.

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)?
YES (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)

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.

(Continued on back)

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

1. Source of water is TWT Jallahatta aquifer.
2. Description of proposed water well:
- (a) DEPTH OF WELL: 1241 Ft. feet. DRILLER (name): Layne Central
- (b) SURFACE CASING: Length: 195 feet. Diameter: 8 inches. Type: Steel
- (c) SCREEN: Length: 71 Ft. feet. Diameter: 4 inches. Type: _____
- (d) PUMP: Type: _____ Size: _____ Capacity: 185 gallons per minute.
Number of stages: _____ Setting depth: _____ feet.
- (e) POWER UNIT: Type: _____ Size: _____ 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	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 92 ✓
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. _____
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:

Jack Burns
(Name)
Rt. 2, Box 178
(Address)
Clarksdale, MS 38614
(City, State, Zip)
601-624-2203
(Telephone)

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

Jack Burns
(Signature)
0211 585-26-8903

Subscribed and sworn to before me this 3rd day of August 1990, at Clarksdale, MS
County of Coahoma. My commission expires Feb. 19, 1994

Jaye S. Lloyd, Notary Public

90° 37' 30"
37' 30"

720000m.E.

721

CLARKSDALE 6 MI.

35' 723

780000m.N.

3777

4.2 MI. TO U.S. 61

3775

3774

5'

26 N.

ALLIGATOR 6 MI.

BR 151

BM 161

Cem. Sunshine Ch.

Well

157

21

158

157

22

158

23

L44

28

27

Well

26

Well

BM 150

154

150

L45

33

Well

157

35

Harris

Well

Mattson Quad

Harvey Chapel

Cem.

Africa-Roundaway Sch

Cem.

Carr Chapel

