

ID 310813089243401

6W01110 0370009-01

WRD Exp. (GW)
April 1966

Well No. _____

L16

WELL SCHEDULE

E-10
PUMP
APR 22 1975

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

TRANSMITTED FOR ADP

Record by RV Chafn Source of data Obs. Date 9-17-61 Map Purvis

State 24 28 County (or town) 0 37

Latitude: 31^{deg} 08^{min} 30^{sec} N Longitude: 089^{degrees} 24^{min} 34^{sec} W Sequential number: 1

Lat-long accuracy: 4 T. 2 S. R. 14 W Sec 16 NE NW SW/NW/NW/NE

Local well number: L016 B1602N14W Other number: Deep Well #1

Local use: 04 262 25 Owner or name: Town of Purvis

Owner or name: PURVIS owner is Lamar County Address: Bd. of Education

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) Ind, (K) P S, Rec, (L) Stock, (M) Instit, (N) Unused, (O) Repressure, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other P

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed W

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

Hyd. lab. data: _____

Qual. water data; type: USGS Complete + Radiological 2-19-62

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

Aperture cards: _____ yes

Log data: Schlem

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 975 ft Meas. 3 accuracy

Depth cased: (first perf.) 915 ft Casing type: IRON Diam. 16x10 in 16

Finish: (C) porous concrete, (F) gravel v. concrete, (G) gravel v. (screen), (H) horiz. gallery, (I) open end, (J) open perf., (K) screen, (L) sd. pt., (M) shored, (N) open hole, (O) other G

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

Date Drilled: 9-6-61 Pump intake setting: _____ ft

Driller: Layne Central, Jackson

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 T Deep Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 75 Trans. or meter no. _____

Descrip. MP Edge of 16" casing 360 0.7 ft above/below LSD, Alt. MP _____

Alt. LSD: 350 350 Accuracy: (source) topo 5

Water Level: 214.7 ft above/below MP; Ft below LSD 230 Accuracy: _____ A

Date meas: 276 Yield: 757 Meas. 757 Method determined 4

Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs 12

QUALITY OF WATER DATA: Iron 08 Sulfate 4.6 Chloride 4.1 Hard. 0

Sp. Conduct 108 K x 10⁶ Temp. 68 Date sampled 262

Taste, color, etc. _____

WL-242
11/8/81

Well No. L16

Well No. L16

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

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

D Drainage Basin: 139 Subbasin: _____

Topo of well site: (D) depression, stream channel; dunes, flat, hilltop, sink, swamp, (E) (F) (H) (K) (L) (O) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat using HBRG(11/01) (Jim)

MAJOR AQUIFER: T M system series CTHLU aquifer, formation, group N A

Lithology: 5 Origin: 3 Aquifer Thickness: _____ ft

120 Length of well open to: _____ ft 60 Depth to top of: _____ 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: _____

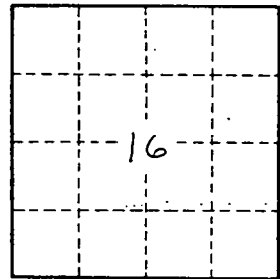
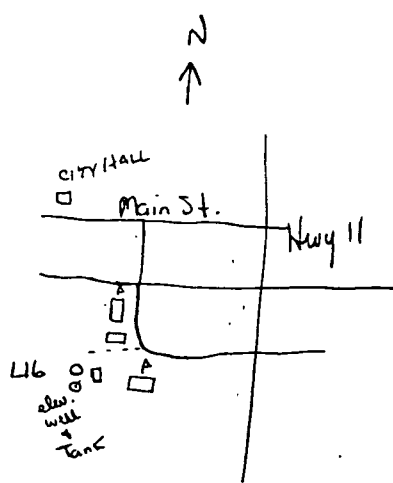
Depth to basement: _____ ft _____ Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: 25,000 gpd/ft 853 Coefficient Storage: _____

Coefficient Perm: 700 gpd/ft²; Spec cap: 25 gpm/ft; Number of geologic cards: _____

856 - 883 Sd (fine)
883' - 974 s& (coarse)
10-9
WL: 214.7 (1961)



UP-DATED _____

LAMAR MISSISSIPPI BOARD OF WATER COMMISSIONERS

L 16

3-31-62

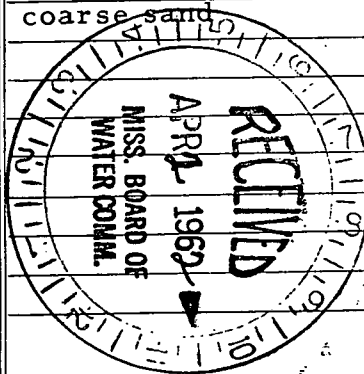
WATER WELL DRILLERS LOG

CODED

Date: 3-31-1962, Driller: Layne-Central Co. County: Lamar

(Name)

		Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
(1) Owner of Land: <u>City of Purvis</u> (Name)	<u>Purvis, Mississippi</u> (Address)	red clay	32	32
		sand	45	77
(2) Location: <u>1/4, 1/4, Sec. 16 T2 R14</u>	<u> </u> miles <u> </u> of <u> </u> (distance) (direction) (Nearest Town)	white clay	121	198
		fine sand	50	248
(3) Topography: <u> </u> (Hilly) (Flat) (Level)	(4) Purpose of Well: <u>Municipal</u> (Domestic Irrigation Municipal, Industrial, Other)	coarse sand	34	282
		sandy shale	113	395
Information upon completion of well:	(1) Diameter <u>16"</u> inches.	shale	30	425
		sand	17	442
(2) Total Depth <u>979' 8"</u> feet.	(3) Water level <u>219</u> feet below top of ground.	shale	28	470
		shale, sand stks.	66	536
(4) Cased to <u>906'</u> , Size <u> </u> .	(5) Screen: Size <u>10"</u> , Length <u>60'</u> .	hard shale	14	550
		soft lime	12	562
(6) Were any formations sealed against pollution? <u>X</u> yes, <u> </u> no.	If YES depth of formation <u>906'</u>	sandy shale	30	592
		hard shale	41	633
Why <u>Required</u>	Drillers Remarks: <u> </u>	fine sand	14	647
		hard shale	49	696
Well No. <u> </u>	<u> </u>	fine sand	53	749
		shale	22	771
<u> </u>	<u> </u>	shale, sandy	19	790
		shale	20	810
<u> </u>	<u> </u>	sandy shale	15	825
		sand	8	833
<u> </u>	<u> </u>	shale	23	856
		fine sand	27	883
<u> </u>	<u> </u>	coarse sand	91	974
		<u> </u>		



(Use Back Side)

Mail this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss.

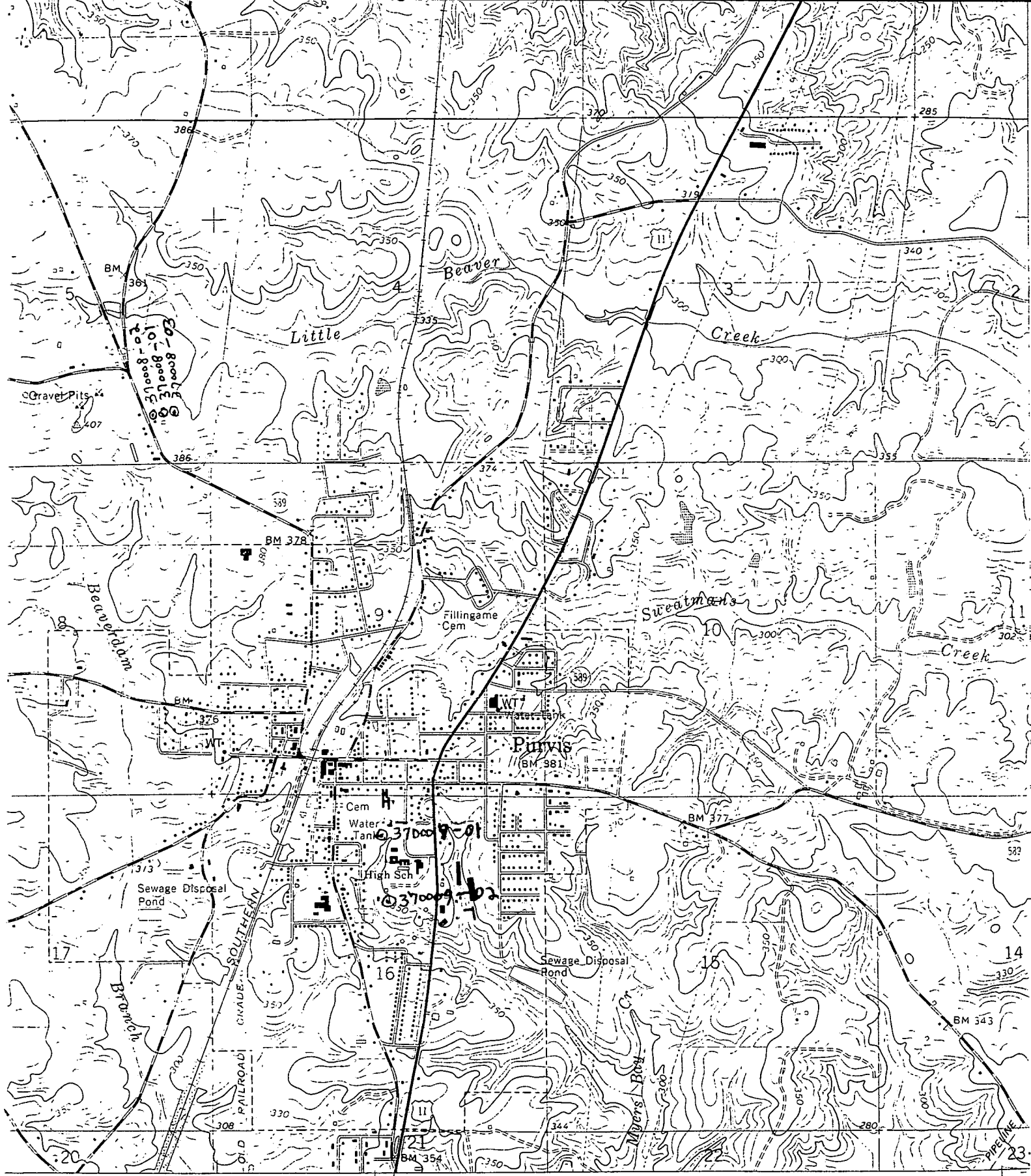
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

Purvis
quad.

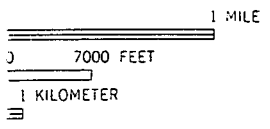
GPS LOG

USER NAME(S): Holtzbeak & Bishop DATE: 7/14/94
UNIT DEQ #: 8555 FILE #: C071420A
HEALTH DEPT. #: 370009-01 ELEV. 360
USGS #: 251 L16 OLWR #: GW 1110
OWNER: Town of Purvis
LOCATION: NE NW S 16 T 2 N R 14 W COUNTY: Lamar
LOCATION DESCRIPTION: Well located N.W. of ^{High} school at Elevated Tank
CASING DIA: _____ PUMP TYPE & SIZE: 75^{hp} Elec.
GPS FIELD LOCATION: LAT. 31° 08.364 LONG. 89° 24.500
GPS CORRECTED LOCATION: LAT. 31.139801 LONG. 89.408424
REMARKS: GPS at Well



269 25' 270000m.E. LUMBERTON 9 MI. POPLARVILLE 22 MI.

● INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1982 89°2



ROAD CLASSIFICATION

- Heavy-duty —————
- Medium-duty —————
- Light-duty - - - - -
- Unimproved dirt - - - - -
- U. S. Route (shield symbol)
- State Route (circle symbol)

