

GW00889 0370001-03

FORM 9-1642 (1-68)

Well No. E205

JUN 17 1975

WELL SCHEDULE
GEOLOGICAL SURVEY

E log #106
WATER RESOURCES DIVISION

312 CD

MASTER CARD

Record by Q Source of data MSGGS Bove Date 3/75 Map Hattiesburg SW

State Ms County (or town) Lamar

Latitude: 31° 20' 09" N Longitude: 089° 22' 33" W Sequential number: 1

Lat-long accuracy: 2' 40" 14" 2' NW SE SW

Local well number: E205 DC0204N14W Other number: Well #3

Local use: 184106 Owner or name: ARNOLD LINE WA

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

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, (L) Rec, (M) Stock, (N) Inatit, (O) Unused, (P) Repressure, (Q) Recharge, (R) Desal-P S, (S) Desal-other, (T) Other WA

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:

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

Aperture cards: yes

Log data: Elog 4'-814' D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 802 ft Meas. 3

Depth cased: (first perf.) 762 ft Casing type: 10x6 in; Diam. 10 in

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

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

Date Drilled: 2-11-75 975 Pump intake setting: 30 ft

Driller: Griner Drlg Serv.

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

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 50 V Trans. or meter no. 41

Descrip. MP 235 ft above below LSD, Alt. MP topo

Alt. LSD: 235 Accuracy: (source) topo 3

Water Level: 106 ft above below MP; 106 ft above below LSD Accuracy: 106 D

Date meas: 675 Yield: 412 gpm Method determined 41

Drawdown: 675 ft Accuracy: 675 Pumping period: 675 hrs 675

QUALITY OF WATER DATA: Iron 675 ppm Sulfate 675 ppm Chloride 675 ppm Hard. 675 ppm

Sp. Conduct 675 K x 10⁶ Temp. 675 °F Date sampled 675

Taste, color, etc. 675

10/16/91
WC =
121.47

Well No.

Well No. _____

E205

Latitude-longitude _____
d m s N S

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: _____

03 Section: _____

D Drainage Basin: _____

13N Subbasin: _____

(D) (C) (E) (F) (H) (K) (L)
Top of well site: depression, stream channel, dunes, flat, hilltop, sink, swamp.

(Ø) (P) (S) (T) (U) (V)
offshore, pediment, hillside, terrace, undulating, valley flat

using MOCN 1/01

MAJOR AQUIFER:

system

series

T.M

CTHLM (Jim)

M.Z

aquifer, formation, group

Lithology: _____

S

Origin: _____

3

Aquifer Thickness: _____

115 ft

Length of well open to: 3045 S. (0.08) ft

3045 S. (0.08) ft

Depth to top of: _____

40

690

MINOR AQUIFER:

system

series

aquifer, formation, group

Lithology: _____

Origin: _____

Aquifer Thickness: _____

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: _____

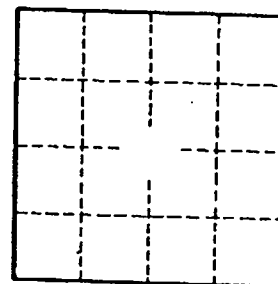
Coefficient Trans: _____ gpd/ft

Coefficient Storage: _____

Coefficient Perm: _____ gpd/ft²

Spec cap: _____

gpm/ft; Number of geologic cards: _____



Well No. _____

LAMAR
E205
6/75
EL 106

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

CODED

WATER WELL DRILLERS LOG

June 19 75 GRINER DRILLING SERVICE LAMAR
 date well completed firm name county well located

LANDOWNER: <u>ARNOLD LINE</u>	description of formations encountered	from	to
WATER ASSN., Well No. 3			
(mailing address)	TOP SOIL	0	3
	SAND, COARSE	3	65
	CLAY	65	212
	SAND	212	295
	CLAY	295	347
	SAND + pea gravel	347	510
	CLAY	510	690
	SAND, Medium to Fine	690	807
	CLAY	807	812

WELL LOCATION: SUNNYSIDE 4 SW 1/4
 sec. 2 T. 4 N. R. 14 E. S. 3 W.

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

WELL COMPLETION DATA:

- (1) diameter (inches) 1 3/4"
- (2) total depth (feet) 802 FT.
- (3) static water level (feet) 106' ^{below} top of ground.
- (4) casing ~~8"~~ 7 1/2" (material), 742' (depth)
- 1 3/4" (size) if telescope see back.
- (5) screen 40' (length), 762' (depth to top)
- 6" (size), 304 S.S. (1.0/8) (material)
- (6) pump 50 (HP), 412 (yield gpm)
- Elect. (type power)
- (7) electric log Yes (yes or no)
- MGS (organization running log)
- (8) how well bottom plugged BACK
WASH VALVE

CODED

REGISTERED
JUN 23 1975
MISS. BD. OF WATER COMM.

DRILLERS REMARKS:

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

H-Burg Quad.

USER NAME(S): Bishop DATE: 7-15-94

UNIT DEQ #: _____ FILE #: 6071516B

HEALTH DEPT. #: 370001-03 ELEV. _____

USGS #: 232 E205 OLWR #: GW 889

OWNER: Arnold Line Water Assn

LOCATION: SE SW S 2 T 4 N R 14 W COUNTY: Lamar

LOCATION DESCRIPTION: 6 mi W. of Intersection of Arnold Line Rd +

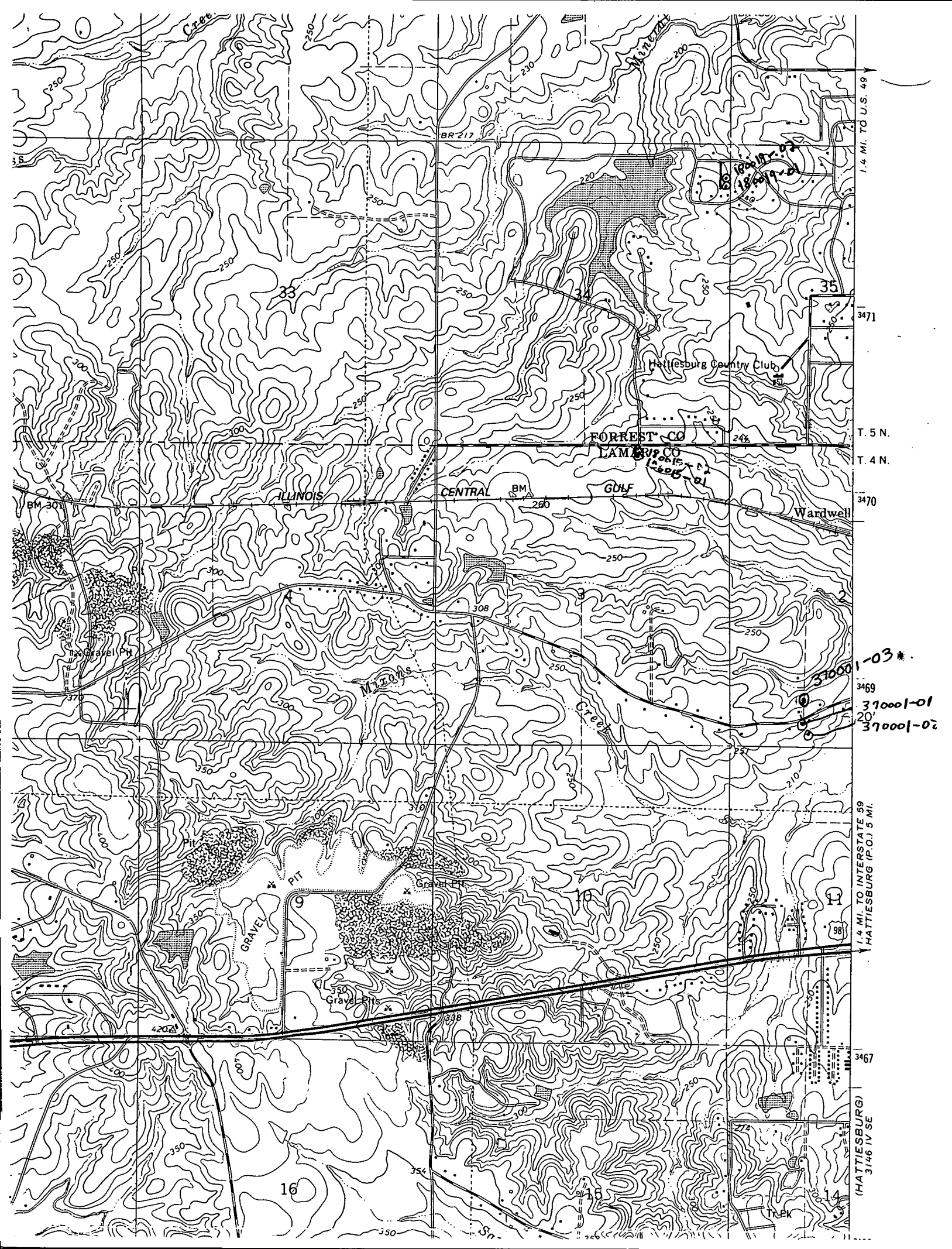
(4th St)
Weatherston Rd on Arnold Line Rd on N. side
300 ft N of Elev. Tank.

CASING DIA: _____ PUMP TYPE & SIZE: _____

GPS FIELD LOCATION: LAT. 31° 20.047 LONG. 89° 22.697

GPS CORRECTED LOCATION: LAT. 31.334250 LONG. 89.377968

REMARKS: Gps at well



1.4 MI. TO U.S. 49

3471

T. 5 N.

T. 4 N.

3470

103*

3469

310001-01

310001-02

1.4 MI. TO INTERSTATE 59
HATTIESBURG (P.O.) 5 MI.

3467

(HATTIESBURG)
3146 IV SE

16