

GWOSS78
0220009-01

FORM 9-1642
(1-68)

Well No. H 81
Elog # 63

U. S. DEPT. OF THE INTERIOR

WELL SCHEDULE
GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED
AUG 2 1973

MASTER CARD

Record by WTO Source of data Bowc Obs driller Date 4-24-72 Map Tie Plant McCARLEY QUAD.

State MISS 28 County (or town) GRENADA 22

Latitude: 334434N Longitude: 089465W Sequential number: 1

Lat-long accuracy: 2 22 5 28 SE SE NE NW SW

Local well number: H081DA2922NO5E Other number: B & H

Local use: 002063 Owner or name: GRENADA Cp W.A.

Owner or name: TIE PLANT W.A. Address: City of Grenada

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) P S, (K) Rec, (L) Stock, (M) Instat, (N) Unused, (O) Repressure, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other MU

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'-513' DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 500 Meas. rept 3

Depth cased: (first perf.) 440 Casing type: 10x4 in

Material: (A) concrete, (B) gravel w. (C) gravel w. (D) horis. (E) open (F) perf., (G) screen, (H) sd. pt., (I) shored, (J) open hole, (K) other G

Method Drilled: (A) air bored, (B) cable, (C) dug, (D) hyd jetted, (E) air reverse, (F) trenching, (G) driven, (H) drive wash, (I) other H

Date Drilled: 4-24-72 9:12 Pump intake setting: ft

Driller: RATLIFF DRLG Co., GRENADA, MISS.

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. 10 Trans. or meter no. U

Descrip. MP 197 201 ft above below LSD, Alt. MP

Alt. LSD: 2015 Accuracy: (source) topo

Water Level: 29 Accuracy: D

Date meas: 072 Yield: 150 Method determined

Drawdown: ft Accuracy: hrs

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

Sp. Conduct K x 10 Temp. °F Date sampled 77 79

Taste, color, etc.

WELL NO.

Well No. _____

Latitude-longitude _____
d m s d m s

RECEIVED
1952

HYDROGEOLOGIC CARD
SERIES ON MASTER CARD

Physiographic Province: _____ Section: 03

Drainage Basin: D Subbasin: 156

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

MAJOR AQUIFER: system _____ series TE aquifer, formation, group WLCXM
Lithology: _____ Origin: _____ Aquifer Thickness: LW

Length of well open to: _____ ft 25 Depth to top of: _____ ft 70 broke
40 425

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____
Lithology: _____ Origin: _____ Aquifer Thickness: _____

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

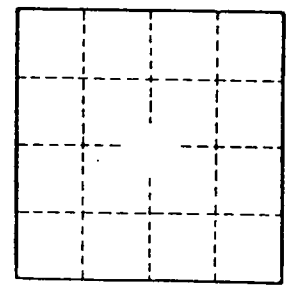
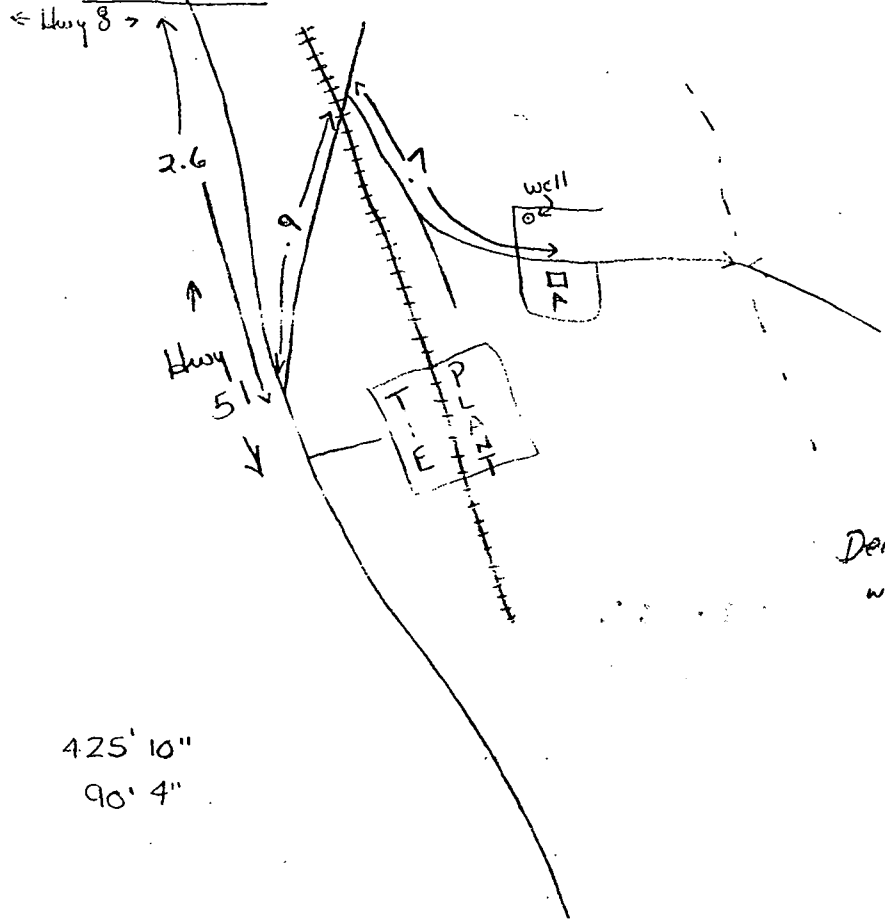
Intervals Screened: _____
Depth to consolidated rock: _____ ft _____ Source of data: _____

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

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft² _____ Coefficient Storage: _____

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



Deepened to and well made.

425' 10"
90' 4"

H 81
 GRENADA
 Log # 63

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

WATER WELL DRILLERS LOG

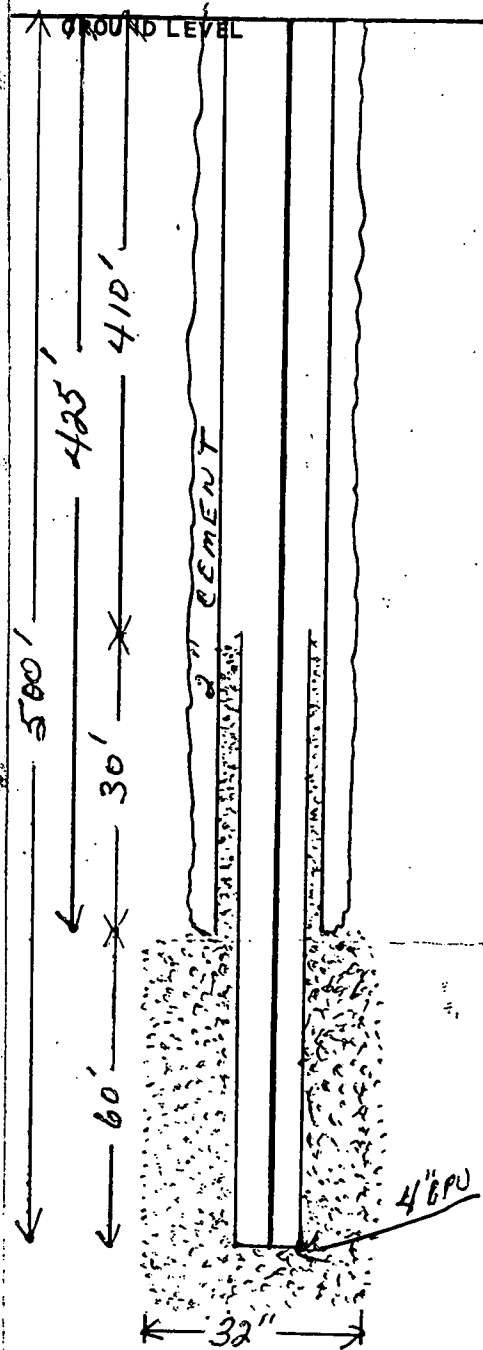
12 / 20 1922 Robert E. Rathliff Co., Inc. GRENADA
 date well completed firm name county well located

LANDOWNER: <u>TIE PLANT WATER & SEWER DISTRICT</u>	description of formations encountered	from	to
(mailing address)			
WELL LOCATION:	CLAY	0	30
sec. <u>29</u> T. <u>22N</u> R. <u>5</u> E	SAND	30	100
S W	CLAY	100	120
<u>1</u> miles <u>South</u> of <u>GRENADA</u>	SAND	120	180
(distance) (direction) (nearest town)	SANDY SHALE	180	300
WELL PURPOSE: <u>INDUSTRIAL</u>	SAND	300	320
(home, irrigation, municipal, industrial)	SANDY SHALE	320	356
WELL COMPLETION DATA:	ROCK	356	360
(1) diameter (inches) <u>10" x 4"</u>	SANDY SHALE	360	410
(2) total depth (feet) <u>500'</u>	SHALE	410	425
(3) static water level (feet) <u>29</u> ^(below) above top of ground.	SAND WITH SHALE STREAKS	425	500
(4) casing <u>BLACK STEEL</u> , <u>425'</u>			
(material) (depth)			
<u>10"</u> If telescope see back.			
(size)			
(5) screen <u>100'</u> , <u>440</u>			
(length) (depth to top)			
<u>4"</u> , <u>555</u>			
(size) (material)			
(6) pump <u>10</u> <u>150</u>			
(HP) (yield gpm)			
<u>Electric</u>			
(type power)			
(7) electric log <u>Yes</u>			
(yes or no)			
<u>USGS</u>			
(organization running log)			
(8) how well bottom plugged <u>Back</u>			
<u>Pressure Valve</u>			
DRILLERS REMARKS:			

TETW

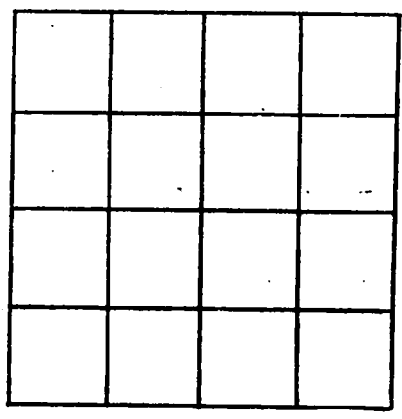
(X)

If well telescopes please sketch and show depths.



If more than one screen, show locations of each on sketch.

H 81



SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

Series of horizontal lines for recording additional information.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Phillips/Hardin DATE: 10/22/97

UNIT DEQ #: _____ FILE #: B102219B

HEALTH DEPT. #: 220009-01 ELEV. 197

USGS #: H81 OLWR #: GW05578

OWNER: Grenada Water/Sewer QUAD: Tie Plant

LOCATION: NW/SW S 28 T 22N R 5E COUNTY: Grenada

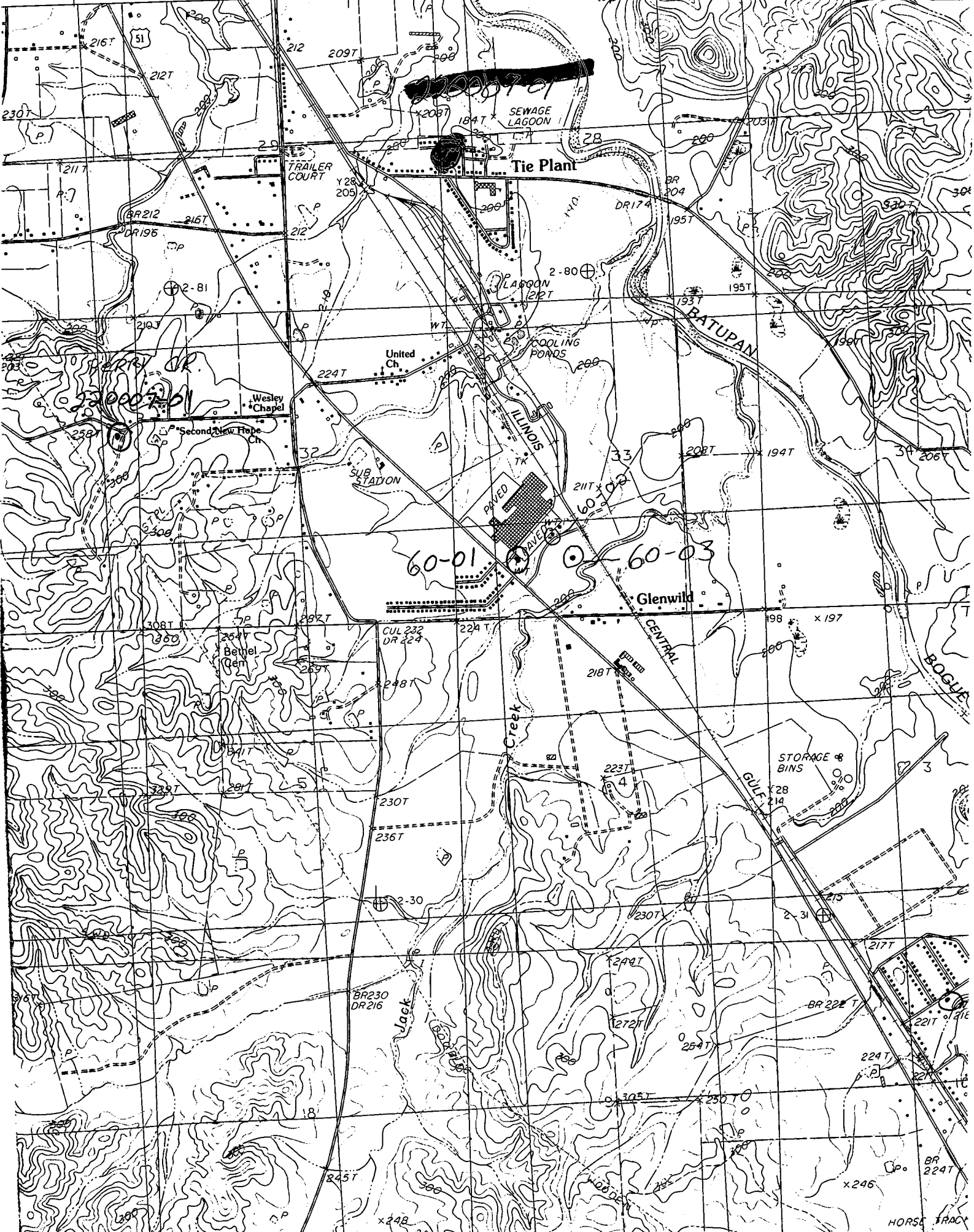
LOCATION DESCRIPTION: At Widows Rd in Tie Plant
north of school

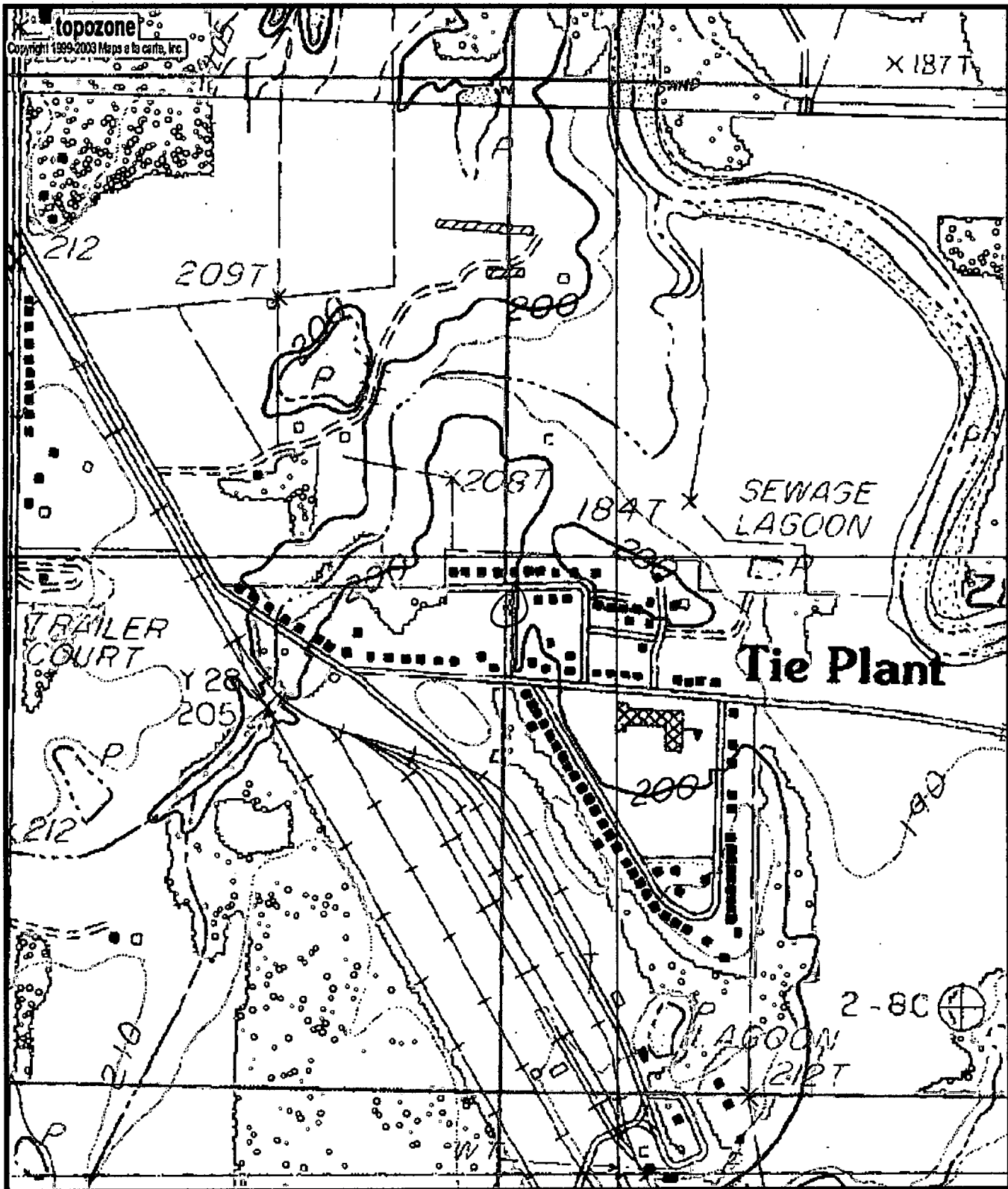
CASING DIA: _____ PUMP TYPE & SIZE: Turbine; 20 HP

GPS FIELD LOCATION: LAT. 33°44'35.4"N LONG. 89°47'12.6"W

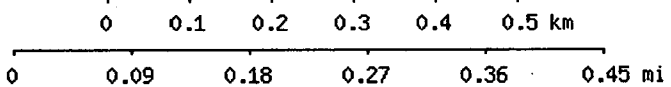
GPS CORRECTED LOCATION: LAT. 33.742836 LONG. 89.786733

REMARKS: measured 15' south of well





0220007-02
 G605578
 H81



Map center is 33° 44' 34"N, 89° 47' 13"W (WGS84/NAD83)
Tie Plant quadrangle
 Projection is UTM Zone 16 NAD83 Datum

M=-0.035
 G=-1.549