

APR 22 1967

WRD Exp. (GW)
April 1966

REPLACEMENT WELL SCHEDULE

Well No. E2

E2 PUNCHED
E Log # 105

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by RE. Grantham Source of data Observation Date 9-12-67 Map McComb South

State Mississippi 28 County (or town) Pike 57

Latitude: 31 14 55 N Longitude: 09 02 47 Sequential number: 1

Lat-long accuracy: 20 T. 3 S. R. 8 W. Sec. 5 NE 4 SE 4

Local well number: F002DD0503NO8E Other number: B & M

Local use: 064105 N68 62 Owner or name: Friendship Water Assn

Owner or name: FRIENDSHIP WA Address: E of McComb, Miss

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

Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other WA

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed W

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

Hyd. lab. data: MOCN

Qual. water data; type: USGS Complete MSB&H Partial 3-29-67

Freq. sampling: Original Pumpage inventory: yes no; period: 75

Aperture cards: yes

Log data: E Log 90-606 Partial Samples D. log @ MBDWC. D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 595 ft 595 Meas. rept accuracy 3

Depth cased; (first perf.): 535 ft 535 Casing type: 10x8 in

Finish: porous concrete, gravel w. concrete, (perf.), gravel w. (screen), (H) horiz. open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other S

Method Drilled: (A) air bored, (B) cable, (C) dug, (D) hyd jetted, (H) rot., (J) air, (P) reverse, (R) trenching, (T) driven, (V) drive wash, (W) other H

Date Drilled: 3-30-67 967 Pump intake setting: 36 ft 38

Driller: Laune-Central, Jackson, Miss

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, other T Deep D Shallow 40

Power (type): diesel, (elec) gas, gasoline, hand, gas, wind; H.P. 30 Trans. or meter No. 41

Descrip. MP 422 2.0 ft above LSD. Alt. MP 47

Alt. LSD: 4.15 est. 4.15 Accuracy: (source) 6

Water Level 181.35 ft above MP; Ft below LSD 179 Accuracy: 52

Date meas: 11/20/68 N68 Yield: 217 gpm 217 Method determined 4

Drawdown: 25 ft 25 Accuracy: 60 Pumping period 1 hrs 66

WATER DATA: Iron 1 Sulfate 1 Chloride 22 Hard. 7

Sp. Conduct 181 K x 10⁶ 2 Temp. 71 F 21.8 Date sampled 2/16/70 270

Taste, color, etc. Field PH = 7.4

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

Well No.

Well No. E2

Latitude-longitude

N

d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province:

03 Section:

D Drainage Basin:

19 22

13U Subbasin:

20 21 23 25

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

MAJOR AQUIFER:

system

series

T M

aquifer, formation, group

M Z

Lithology:

S Origin:

3 Aquifer Thickness:

100 Length of well open to:

35 37

60 Depth to top of:

38 40

505 ft

MINOR AQUIFER:

system

series

aquifer, formation, group

Lithology:

Origin:

Aquifer Thickness:

Length of well open to:

51 53

Depth to top of:

54 56

ft

Intervals Screened:

535-595 x 8" SS

Depth to consolidated rock:

ft

Source of data:

64

Depth to basement:

ft

Source of data:

69

Surficial material:

Infiltration characteristics:

70 71 68 72

Coefficient Trans:

22,000 gpd/ft

73 75

223 Coefficient Storage:

76 78

Coefficient Perm:

220 gpd/ft²; Spec cap:

62 gpm/ft; Number of geologic cards:

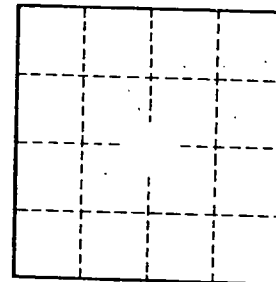
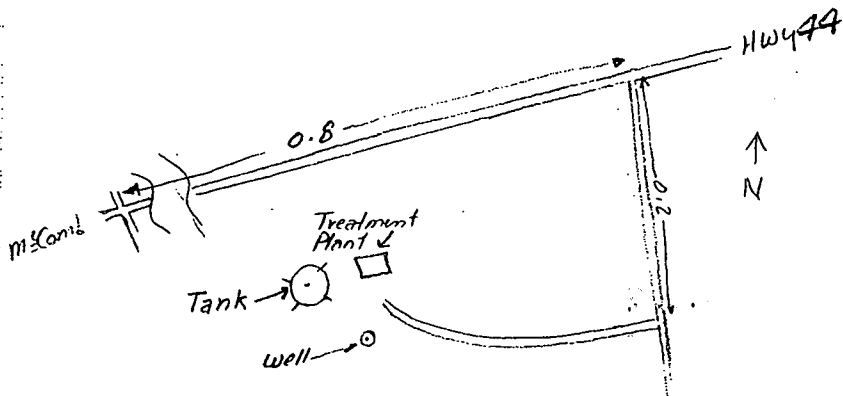
79

Base of Citronelle at 90'

WL 170 3/67

WL = 205' (1983)

25' ddc 250 gpm



Well No.

E2

534' of 10"
8 x 21' lap top 524' ±

Pike
E2
3-67 ^{FODED}
Elec Log 105

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

WATER WELL DRILLERS LOG

3-30 1967 Layne-Central Co. Pike
date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
<u>Friendship Community Water Assoc.</u>	<u>Red Sandy Clay</u>	<u>0</u>	<u>19</u>
<u>McComb Miss</u> (mailing address)	<u>Coarse Sand + gravel, streaks of clay</u>	<u>19</u>	<u>90</u>
	<u>White Clay</u>	<u>90</u>	<u>175</u>
	<u>Sand, etc. gravel + clay</u>	<u>175</u>	<u>240</u>
	<u>Clay</u>	<u>240</u>	<u>256</u>
	<u>Sand, etc. of Clay</u>	<u>256</u>	<u>276</u>
	<u>Hard Shale</u>	<u>276</u>	<u>496</u>
	<u>Fine Sand, etc. of shale</u>	<u>496</u>	<u>519</u>
	<u>Sand</u>	<u>519</u>	<u>610</u>
	<u>Shale</u>	<u>610</u>	<u>614</u>

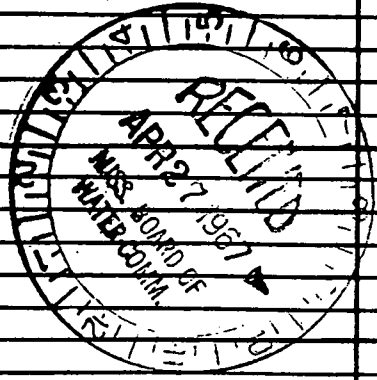
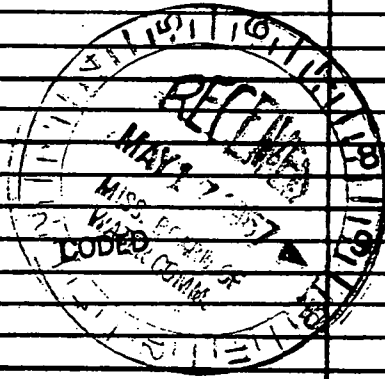
WELL LOCATION:

sec. 5 T. 3 N. R. B E
3 miles East of McComb
(distance) (direction) (nearest town)

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

WELL COMPLETION DATA:

- diameter (inches) 10"
- total depth (feet) 614' 595
- static water level (feet) 170' below top of ground.
- casing 10"
(material) (depth)
(size) if telescope see back.
- screen 60' 534' 8"
(length) (depth to top)
8" Stainless Steel
(size) (material)
- pump 30 (HP) (yield gpm)
Electric
(type power)
- electric log YES
(yes or no)
Miss. Geological Survey
(organization running log)
- how well bottom plugged Slugs



DRILLERS REMARKS:

Pump not installed -
No test run as of
this date.

CP
If well telescopes please sketch and show depths.

GROUND LEVEL

			X

SECTION 5

Please indicate well location X.

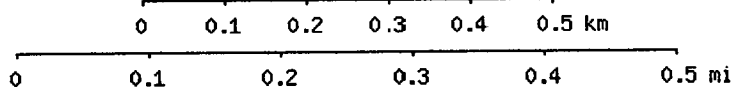
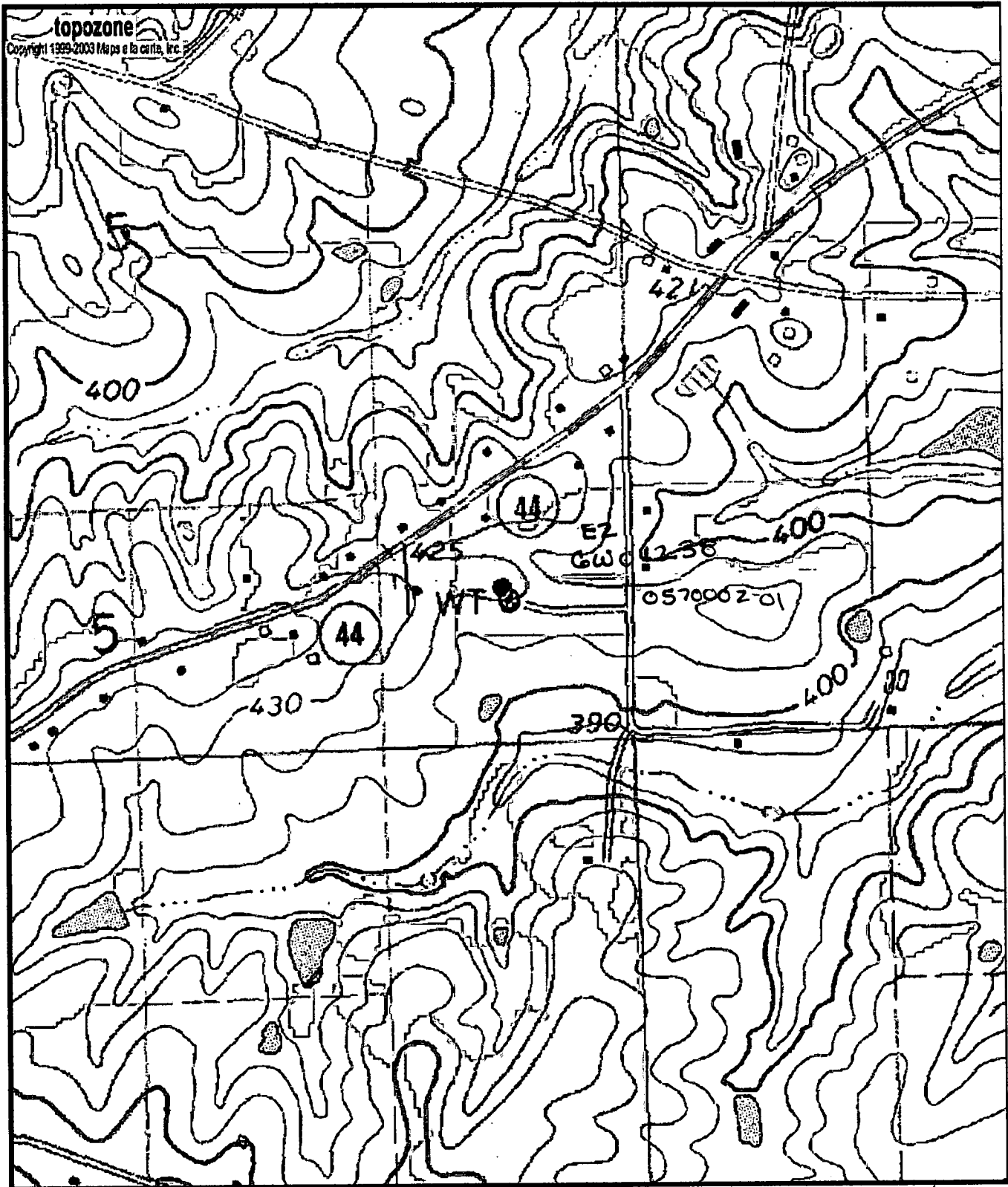
ADDITIONAL INFORMATION

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

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

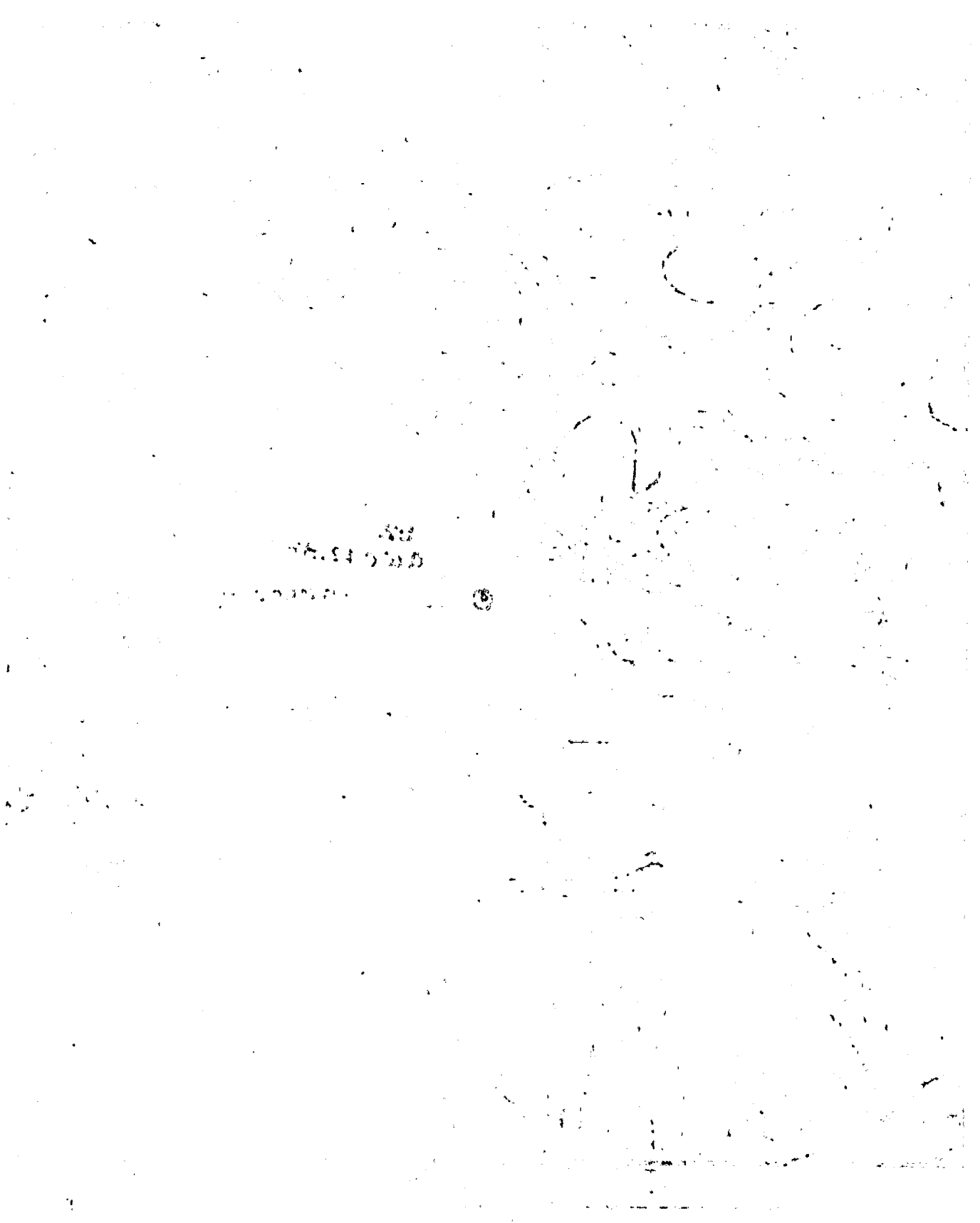
GPS LOG

USER NAME(S): Hotwpeak DATE: 6/20/96
UNIT DEQ #: 82859 FILE #: B062022A
HEALTH DEPT. #: 570002-01 ELEV. _____
USGS #: E2 OLWR #: GW01238
OWNER: Friendship Com. Water Assoc. QUAD: Mc Comb South ~~Mc Comb North~~
LOCATION: SE-SE S 5 T 3N R 8E COUNTY: Pike
LOCATION DESCRIPTION: AT Elev Tank .25 mi. SW of Intersection of
Hwy 44 E & Boone Rd. off Boone Rd.
Boone Rd is 2.4 mi. East of Hwy 51. on Hwy 44E.
CASING DIA: 4" to 6" PUMP TYPE & SIZE: Submersible
GPS FIELD LOCATION: LAT. 31° 14' 58.8" LONG. 90° 24' 54.8"
GPS CORRECTED LOCATION: LAT. 31.24991533 LONG. 90.41501632
REMARKS: GPS at Well.



Map center is 31° 15' 00"N, 90° 24' 54"W (WGS84/NAD83)
 McComb North quadrangle - TopoZone Pro elevation display
 Projection is UTM Zone 15 NAD83 Datum

M=0.817
 G=1.342



McCombs North Quadrangle
 Section is UTI Zone 15 W/093 Drive