

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

PUNCHED

MASTER CARD

Record by B.D. Source of data BOWC Date 8-71 Map _____

State 20 28 County (or town) PANOLA 54

Latitude: 34 30 06 N Longitude: 090 11 15 Sequential number: 1

Lat-long accuracy: 5 7 9 6 SE SW NW

Local well number: E005C B0607509W Other number: #2

Local use: 064 Owner or name: CRENSHAW Address: Tunica St. between Moon Ave. and Terry Ave

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

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

Use of well: (A) 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:

Qual. water data: type: K

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

Aperture cards: yes no

Log data: D

DEC 9 1974

WL Date 11/17/82

WL = 19.08

11/30/85

WL = 23.17

BRR

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well: 1393 ft Meas. 3

Depth cased: 1332 ft Casing type: 8x6 in

Finish: porous concrete, gravel w. gravel, horz. open perf., screen, sd. pt., shored, open end, other S

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) drive wash, other H

Date Drilled: 9-6-4 Pump intake setting: 15 ft

Driller: LAYNE-CEN.

Lift (type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other I Deep Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 15 Trans. or meter no. U

Descrip. MP 185 ft above LSD, Alt. MP 275 Accuracy: 5

Water Level 15 ft above MP; Ft. below LSD +15 Accuracy: D

Date meas: 4-6-4 Yield: 60 gpm Method determined 170

Drawdown: 4 ft Accuracy: 1 hrs

QUALITY OF WATER DATA: Iron ppm 3 Sulfate ppm 3 Chloride ppm 265 Hard. ppm 5

Sp. Conduct 450 K x 10⁶ Temp. °F 265 Date sampled _____

Taste, color, etc. _____

NO. 11

F 5

Well No. ES

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: _____

Section: 03

Drainage Basin: E

Subbasin: 15E

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system _____ series TE aquifer, formation, group LU

Lithology: U.S. Origin: 2 Aquifer Thickness: 116 ft

Length of well open to: 116 ft Depth to top of: 1280 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: 6"

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

Depth to basement: _____ ft Source of data: _____

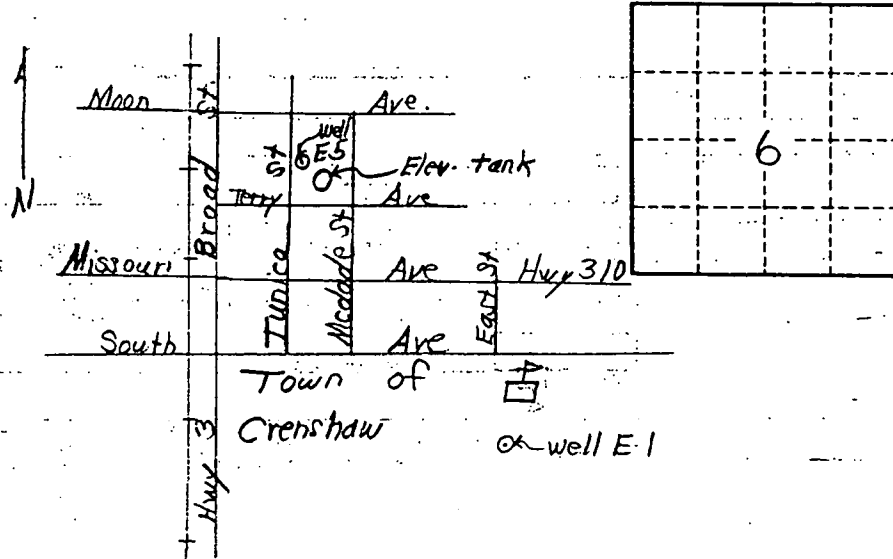
Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

Coefficient Perm: _____ gpd/ft²; Spec cap: 4.5 gpm/ft; Number of geologic cards: _____

treatment chlorination

150,000 gal. elevated storage tank



*11/30/88
MPI.50'
Above base
surface
top of casing
11' above
R120V
E5*

*water level
6-6-1973
15 min. after pumping
= +0.4' above bed*

*8 hr. pumping test by driller
48' of dd @ 218 gpm
specific capacity = 4.5 gpm/ft. of dd*

PANOLA MISSISSIPPI BOARD OF WATER COMMISSIONERS

E 5
4-14-64

WATER WELL DRILLERS LOG

CODED

Date: 4-14-, 19 64, Driller: Layne-Central Co. County Panola

(Name)

	Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
(1) Owner of Land: <u>Town of Crenshaw</u> (Name) <u>Crenshaw, Mississippi</u> (Address)	sandy clay	3	0
(2) Location: $\frac{1}{4}$, $\frac{1}{4}$, Sec. <u>6 T7R9</u> , _____ miles _____, of _____ (distance) (direction) (Nearest Town)	sand	3	6
(3) Topography: _____ (Hilly) (Flat) (Level)	sandy clay	34	40
(4) Purpose of Well: <u>Municipal</u> (Domestic Irrigation Municipal, Industrial, Other)	sand	81	121
Information upon completion of well:	clay	21	142
(1) Diameter <u>8</u> inches.	sandy clay	23	165
(2) Total Depth <u>1402' 4"</u> feet.	lignite	5	170
(3) Water Level <u>15' above</u> ground feet below top of ground.	lignite stks sand	14	184
(4) Cased to <u>1309' 3"</u> , Size <u>8"</u> <u>22' 4"</u> , <u>6"</u>	lignite	14	198
(5) Screen: Size <u>6"</u> , Length <u>61' 7"</u>	real fine sand	50	248
(6) Were any formations sealed against pollution? <u>X</u> yes, _____ no.	clay stks sand	44	292
If YES depth of formation <u>1309' 3"</u>	lignite	1	293
Why _____ required	clay stks sand	20	313
Drillers Remarks: _____	rock	1	314
_____	clay stks sand	84	398
_____	rock	1	399
_____	shale	64	463
_____	shale stks sand	137	600
_____	real fine sand stks shale	47	648
_____	shale stks sand	114	762
_____	shale	23	785
_____	sand large stks shale	80	865
_____	shale	22	887
_____	rock	1	888
_____	shale-boulders	8	896
_____	sand	9	905
_____	sand stks shale	23	928
_____	sand-stks shale	23	951
_____	sand	21	972
_____	hard shale	12	984
_____	continued		

	shale	137	1121
	shale -rock lens	34	1155
rock		2	1157
shale		64	1221
fine sand		13	1234
shale		46	1280
fine HP sand		12	1292
HP sand		23	1315
HP sand		23	1338
HP sand		23	1361
HP sand		23	1384
HP sand		12	1396
clay		1	1397

WILCOX DATA SHEET-VERIFICATION CHECKLIST

COUNTY PANOLA

Crenshaw North Quad

WELL OWNER	<u>Crenshaw</u>	<u>CHECKED</u>
U.S.G.S. NO.	<u>E-5</u>	<u>10/26/94</u>
B.O.H. NO	<u>540005-02</u>	<u>10/26/94</u>
OLWR NO.	<u>MS-GW-00004</u>	<u>10/26/94</u>

LOCATION:

MAP NE, SW, NW S6, T7S, R9W 10/26/94

GPS _____

ELEV. (MSL) 187' 10/26/94

W.L. (L.S.) (1) - 29.70' 10/26/94

(2) - 29.70' 10/26/94

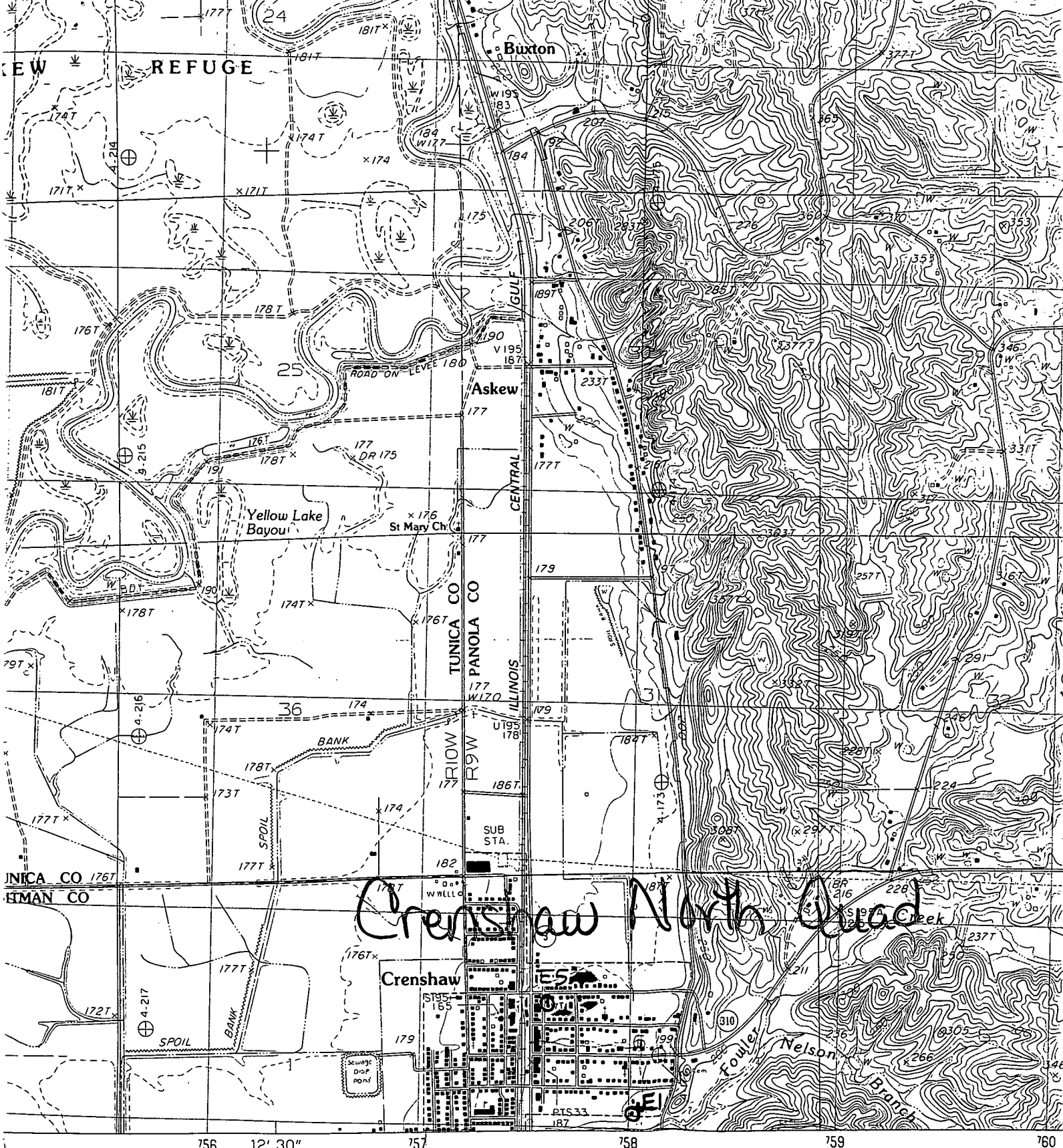
HEAD (MSL) + 157.30' 10/26/94

SCREENED INTERVAL 1,331' - 1,393' (LS) - 1,144' - 1,206' (MSL) 10/26/94

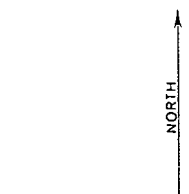
AQUIFER VERIFIED Lower Wilcox 10/26/94

PREVIOUS W.L. + 0.4' (1973) / + 15' (1964) 10/26/94

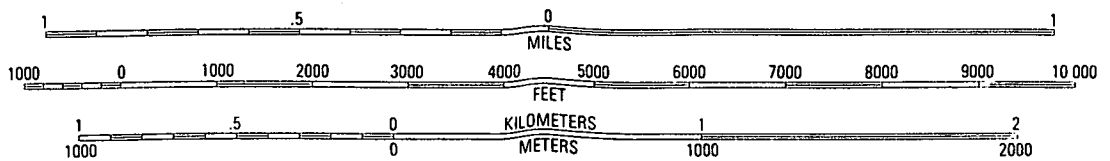
DATA ENTERED _____



Crenshaw North Quad



SCALE 1:24 000



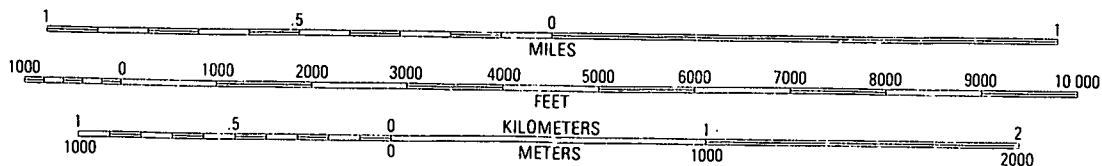
CONTOUR INTERVAL 10 FEET
 SUPPLEMENTARY CONTOUR INTERVAL 5 FEET

To convert feet to meters multiply by .3048
 To convert meters to feet multiply by 3.2808

PROVISIONAL MAP
 Produced from original
 manuscript drawings. Infor-



SCALE 1:24 000



QUADRANGLE LOC

CONTOUR INTERVAL 10 FEET
 SUPPLEMENTARY CONTOUR INTERVAL 5 FEET

To convert feet to meters multiply by .3048
 To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

1	2	3	1 Holl
			2 Ark;
			3 Ark;
4		5	4 Wal;
			5 Long
			6 Falc
6	7	8	7 Cren
			8 Plea