

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by J. HARRELL Source of data BOWC Date 6/10/68 Map Montrose N

State 28 County (or town) JASPER 31

Latitude: 32° 07' 25" N Longitude: 089° 13' 40" W Sequential number: 2

Lat-long accuracy: 3 T. 30 S. R. 10 W. Sec. 1 SW SE SE SW

Local well number: E 0 1 6 D C 0 1 0 3 N 1 0 E Other number: B & M

Local use: 028 Owner or name: MONTRORSE WA Address: \_\_\_\_\_

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, (S) Stock, Instit, Unused, Repressure, 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:

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

Aperture cards:  yes

Log data:  D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 613 ft Meas. rept 613 accuracy 3

Depth cased; (first perf.) 583 ft Casing type: drum; Diam. 4 1/2"

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (perf.), (H) horiz. gallery, (I) open end, (J) open gallery, (K) screen, (L) sd. pt., (M) shored, (N) open hole, (O) other 5

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd rot., (F) jetted, (G) air percussion, (H) rotary, (I) reverse, (J) trenching, (K) driven, (L) drive wash, (M) other 7

Date Drilled: 4/68 9.6.8 Pump intake setting: \_\_\_\_\_ ft

Driller: C. P. Clark Lauvel

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 S Deep  Shallow

Power (type): (A) diesel, (B) elec., (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 7 1/2 U Trans. or meter no. \_\_\_\_\_

Descrip. MP 440 4 1/2 ft above LSD. Alt. MP \_\_\_\_\_

Alt. LSD: 407 Accuracy: 5

Water Level: 160 ft above below MP; 160 LSD Accuracy: D

Date meas: 4/68 Yield: 80 gpm Method determined 80

Drawdown: \_\_\_\_\_ ft Accuracy: \_\_\_\_\_ Pumping period: \_\_\_\_\_ hrs

QUALITY OF WATER DATA: Iron \_\_\_\_\_ Sulfate \_\_\_\_\_ Chloride \_\_\_\_\_ Hard. \_\_\_\_\_

Sp. Conduct \_\_\_\_\_ K x 10 6 Temp. \_\_\_\_\_ °F Date sampled \_\_\_\_\_

Taste, color, etc. \_\_\_\_\_

MS DOH  
310008-02

10/30/89  
189.89

4" well

12/1/68  
M.F. 2.12  
150  
150

Well No.

E16

Latitude-longitude N  
S  
d m s d m s

### HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: \_\_\_\_\_  
Drainage Basin: 130 Subbasin: \_\_\_\_\_

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

MAJOR AQUIFER: system \_\_\_\_\_ series TE aquifer, formation, group SPRT SS

Lithology: \_\_\_\_\_ Origin: 3 Aquifer Thickness: \_\_\_\_\_ ft

Length of well open to: \_\_\_\_\_ ft 30 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: 2 1/2 #304 S.S.

Depth to consolidated rock: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_

Depth to basement: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_

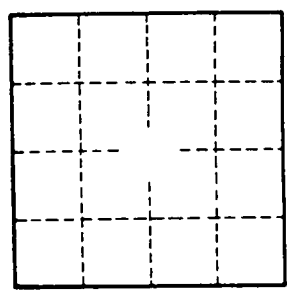
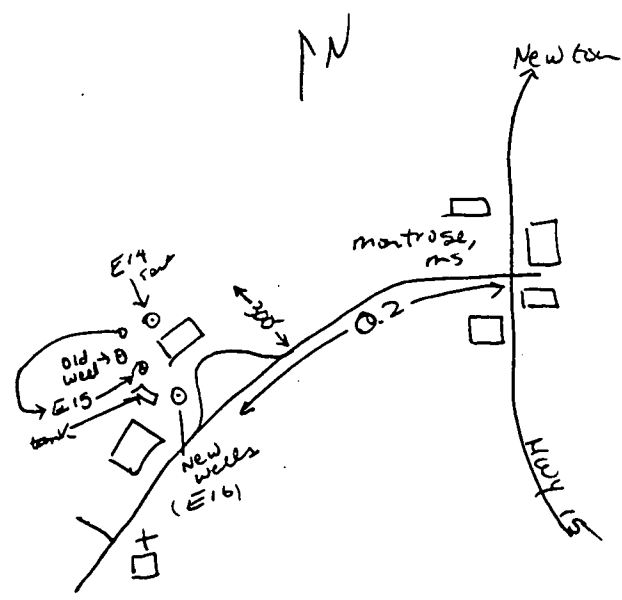
Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

Coefficient Trans: \_\_\_\_\_ gpd/ft \_\_\_\_\_ Coefficient Storage: \_\_\_\_\_

Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_

8,000 gal. tank  
New Montrose

location on sched. E14



Well No.

E16

**C. P. CLARK**  
**WATER WELL DRILLING**

ROUTE 2

LAUREL, MISS. 39440

MISSISSIPPI BOARD OF WATER COMMISSIONERS

416 North State Street

Jackson, Mississippi 39201

**WATER WELL DRILLERS LOG**

JASPER  
 E 16  
 4-68  
 US GEO SUR

4/30 1968  
 date well completed

C. P. Clark  
 firm name

Jasper  
 county well located

LANDOWNER: Montrose

Water Use

Montrose Miss.  
 (mailing address)

WELL LOCATION:

sec. 1 T. 30 N. R. 10 E.  
 S. W.  
 in Montrose  
 (distance) miles (direction) of (nearest town)

WELL PURPOSE:

(home, irrigation, municipal, industrial)

WELL COMPLETION DATA:

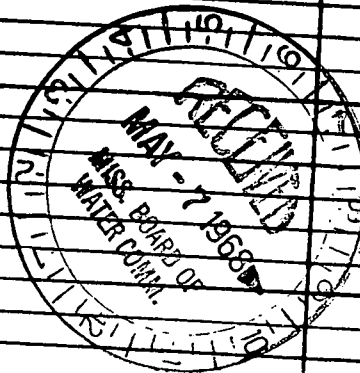
- (1) diameter (inches) 4x2 1/2
- (2) total depth (feet) 613
- (3) static water level (feet) 160 below top of ground.
- (4) casing Iron 463  
 (material) (depth)
- 4x2 1/2 if telescope see back.  
 (size)
- (5) screen 30ft 488  
 (length) (depth to top)  
2 1/2 # 304 S.S.  
 (size) (material)
- (6) pump 7 1/2 80  
 (HP) (yield gpm)  
3 Phase 220 V  
 (type power)
- (7) electric log Yes  
 (yes or no)  
U.S.G.S.  
 (organization running log)
- (8) how well bottom plugged BW U

description of formations encountered

from

to

Red Clay	0	18
fine sand	18	25
Grey Clay Hard	25	32
Blue Clay	32	223
Sand + Clay fine	223	279
fine sand	279	330
fine to med sand	330	370
Med. sand	370	398
Clay	398	463
Rock + Clay	463	497
Clay + Shells	497	531
Clay + sand Shells	531	556
Med sand	556	613



DRILLERS REMARKS:

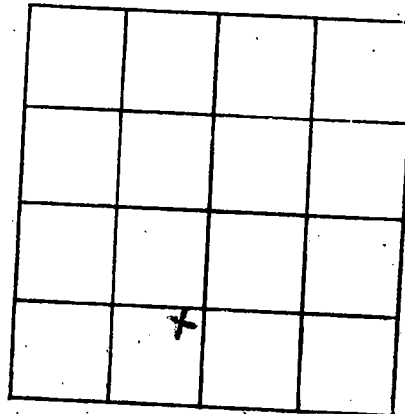
If well telescopes please sketch and show depths.

GROUND LEVEL

46.3-4 in

1.90 ft  
2 1/2 in

30 ft  
5.5 screen



SECTION 1

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): Hotwreak DATE: 8/8/96

UNIT DEQ #: 82859 FILE #: B080823A

HEALTH DEPT. #: 310008-02 ELEV. \_\_\_\_\_

USGS #: E 16 OLWR #: NA 4"

OWNER: Montrose Water Assoc. QUAD: Montrose North

LOCATION: NW-SW S 1 T 3N R 10E COUNTY: Jasper

LOCATION DESCRIPTION: AT Montrose City Hall on NW side of Jasper  
County Rd # 20, .20 mi. west of Hwy 15 (Montrose)

CASING DIA: 4" PUMP TYPE & SIZE: Submersible

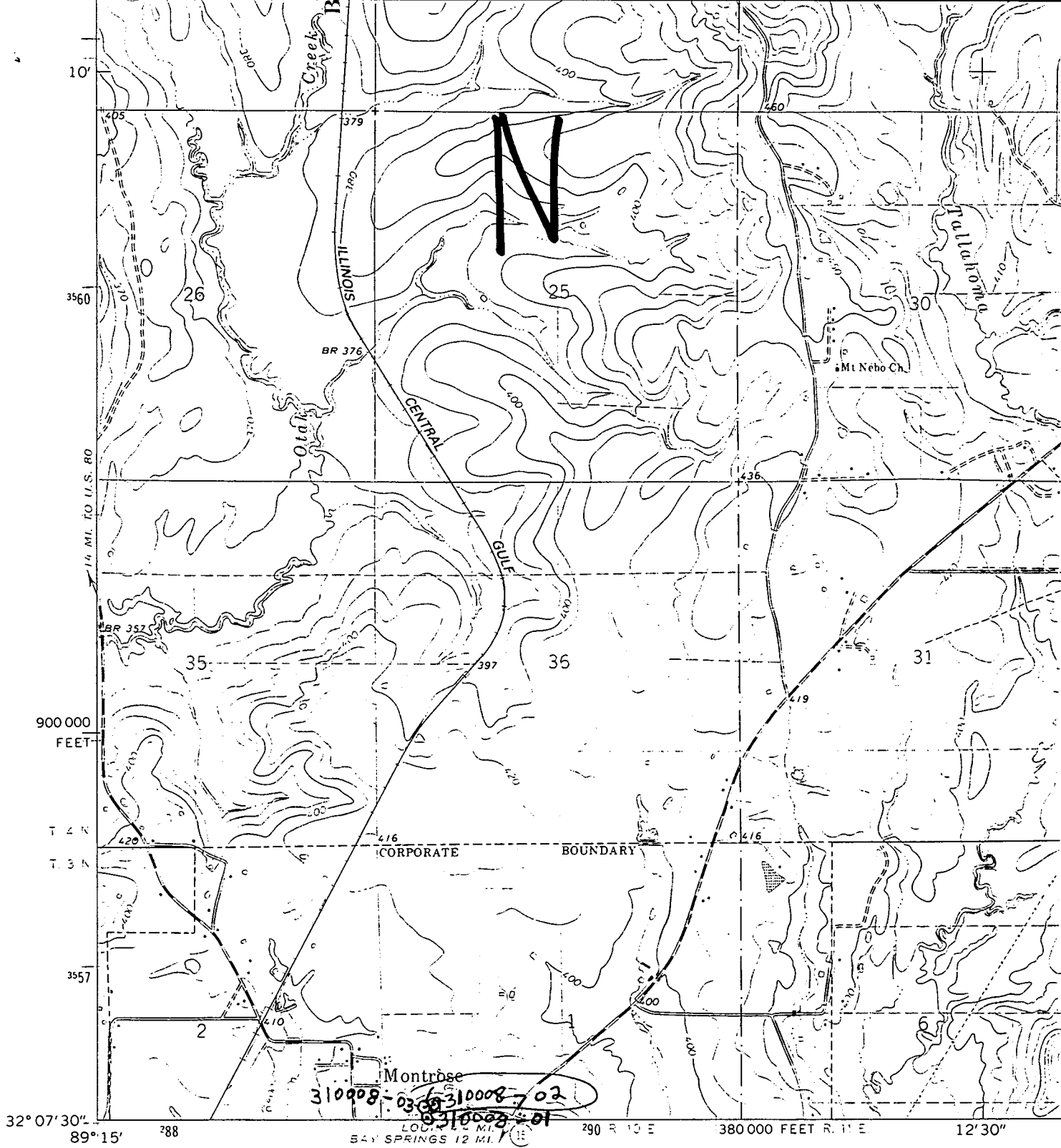
GPS FIELD LOCATION: LAT. 32° 07' 32.1" LONG. 89° 14' 04.1"

GPS CORRECTED LOCATION: LAT. 32.12547056 LONG. 89.23440861

REMARKS: GPS at well.

\* well is behind (NW) of City Hall Bldg. ←

\_\_\_\_\_  
\_\_\_\_\_



(LOUIN)  
3148 III SE

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1968. Field checked 1970

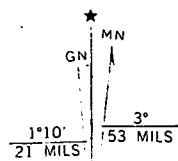
Polyconic projection. 1927 North American datum  
10,000-foot grid based on Mississippi coordinate system, east zone  
1000-meter Universal Transverse Mercator grid ticks, zone 16, shown in blue

To place on the predicted North American Datum 1983  
move the projection lines 14 meters south and  
5 meters east as shown by dashed corner ticks

There may be private inholdings within the boundaries of  
the National or State reservations shown on this map

Revisions shown in purple compiled from aerial photographs taken 1980  
and other sources. This information not field checked. Map edited 1982

*Montröse N.*



UTM GRID AND 1982 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

W