

1/81 WTO

TRANSMITTED FOR ADP

Montrose N. quad

Recorded by ND

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT
WELL RECORD

Date 7-31-84

Well No. E21

E-Log No. 243

County JASPER

*MSDOH
310008-03
6W-13148*

Site ID 32,073,1089,14,04,01 R=0* T=A* 2=W*

Data reliab. 3=C* Report. agency 4=USGS* Dist. 6=28* 7=28* Co. 8=0,6,1*

Lat. 9=32,073,1* 10=0,8,9,14,04* Well No. 12=E,0,2,1*

Location 13=N,W,S,W,S,O,I,T,0,3,N,R,1,0,E* Alt. 16=4,4,2*

Hyd. Unit (OWDC) 20= Date 21=0,6,1,22,1,19,8,4*

Well use 23=W* Water Use 24=P* Hole depth 27=15,0,0.* Well depth 28=6,0,1.*

WL 30=1,8,2* Date 31=1,0,1,17,1,19,8,4* Source 33=D*

Status 273= Project No. 5=

R=158* T=A* Date 159#1,0,1,17,1,19,8,4* Owner No. #3

Owner 161#MONTROSE

R=192* T=A* Date 193# Temp. 196#00010* 197=

R=192* T=A* Date 193# Cond. 196#00095* 197=

R=192* T=A* Date 193# pH 196#00400* 197=

R=58* T=A* 59#1* Date 60=1,0,1,17,1,19,8,4* Remarks

Drig. 63=1,8,4* Name GRINER Method 65=H* Finish 66=

R=76* T=A* 59#1*

Top csng. 77#0.* Bot. csng. 78=5,1,0.* Diam. 79#1,0.*

R=76* T=A* 59#1*

Top csng. 77#4,7,0.* Bot. csng. 78=5,2,1.* Diam. 79#6.*

R=82* T=A* 59#1* Top 83#5,2,1.* Bottom 84=6,0,1.*

Type 85=S* Diam. 87=6.* Size 88=.012*

R=82* T=A* 59#1* Top 83# Bottom 84=

Type 85= Diam. 87= Size 88=

R=146* T=A* 147#1* Q 150=2,0,0.* Q/S 272=

134 flows 146 pumped

GEN. SITE DATA

OWNER

FIELD QW

CONSTR.

CASING

OPENINGS

YIELD

R=42* T= A * Lift type: 43# T* Intake 44= * Power type 45= E*

LIFT

Date 38= 10/17/1984* H.P. 46= 30.*

LOGS

R=198* T= A * Log 199# E* Top 200= 35.* Bot 201= 1500.*

R=198* T= A * Log 199# D* Top 200= 0.* Bot 201= 1500.*

R=189* T= A * E Log No. 190# 243* 191= M I S S D I S T *

ANAL.

R=114* T= A * Year 115# * 117= * 120= *

AQUIFERS

R=90* T= A * 256# 1 * Top 91= 510.* Bot 92= 604.*

Unit ID 93= 124SPRT* Name of Unit _____

R=90* T= A * 256# 1 * Top 91= * Bot 92= *

Unit ID 93= * Name of Unit _____

HYDRAULICS

R=98* T= A * 99# 1 * Unit tested 100= * 103= *

R=105* T= A * 99# 1 * Test No. 106# *

107= * Transmissivity (gal/d)/ft _____

108= * Hydraul. cond. (gal/d)/ft² _____

110= * Storage coeff. Boundaries _____

R=121* T= * Yr Begin 122# * Network 258# *

Water Level Data Collection (1)

TOP SOIL	0	3
CLAY	3	214
SAND + CLAY STRENGTHS	214	260
CLAY	260	300
CLAY + SAND STRENGTHS	300	330
SAND	330	389
CLAY + ROCKS	389	510
SAND	510	604
CLAY	604	646
SAND	646	790
CLAY + ROCKS	790	1142
CLAY, SAND STRENGTHS + ROCKS	1142	1206
CLAY + Thin Rocks	1206	1500

JASPER
E21
10/17/84

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES
Bureau of Land and Water Resources
Southport Mall
P.O. Box 10631
Jackson, Mississippi 39209
WATER WELL DRILLERS LOG

CODED

OCT 17 1984 GRINER DRILLING SERVICE JASPER
date well completed firm name county well located

LANDOWNER: <u>TOWN OF</u>	description of formations encountered	from	to
<u>MONTROSE, well no. 3</u>			
(mailing address)	TOP SOIL	0	3
	CLAY	3	214
	SAND & CLAY STREAKS	214	260
	CLAY	260	300
WELL LOCATION: <u>5 1/2 NW 1/4 SW 1/4</u>	CLAY & SAND STREAKS	300	330
sec. <u>1</u> T. <u>3</u> N. <u>S</u> R. <u>10</u> E. <u>W</u>	SAND	330	389
(distance) miles _____ of _____ (direction) (nearest town)	CLAY & ROCKS	389	510
WELL PURPOSE: _____ (home, irrigation, municipal, industrial)	SAND	510	604
WELL COMPLETION DATA:	CLAY	604	646
(1) diameter (inches) <u>10 3/4</u>	SAND	646	790
(2) total depth (feet) <u>504 FT.</u>	CLAY & ROCKS	790	1142
(3) static water level (feet) <u>188</u> <u>below</u> top of ground.	CLAY, SAND STREAKS & ROCKS	1142	1206
(4) casing <u>steel</u> <u>510 FT.</u> (material) (depth)	CLAY + Thin Rocks	1206	1500
<u>6 5/8</u> (size) If telescope see back.			
(5) screen <u>80 FT.</u> <u>521</u> (length) (depth to top)			
<u>6</u> (size) <u>304 S.S. (1/2)</u> (material)			
(6) pump <u>30</u> <u>200</u> (HP) (yield gpm)			
<u>El 900</u> (type power)			
(7) electric log <u>Yes</u> (yes or no)			
<u>Miss Bud. Gring</u> (organization running log)			
(8) how well bottom plugged <u>7.75' of 5/8" pipe + BAR WASH</u>			
DRILLERS REMARKS:			

OCT 19 1984

RECEIVED

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hotwbeak DATE: 8/8/96

UNIT DEQ #: 82859 FILE #: B080822B

HEALTH DEPT. #: 310008-03 ELEV. _____

USGS #: E21 OLWR #: GW-13148

OWNER: Montrose Water Assoc. QUAD: Montrose North

LOCATION: NW-5W 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)

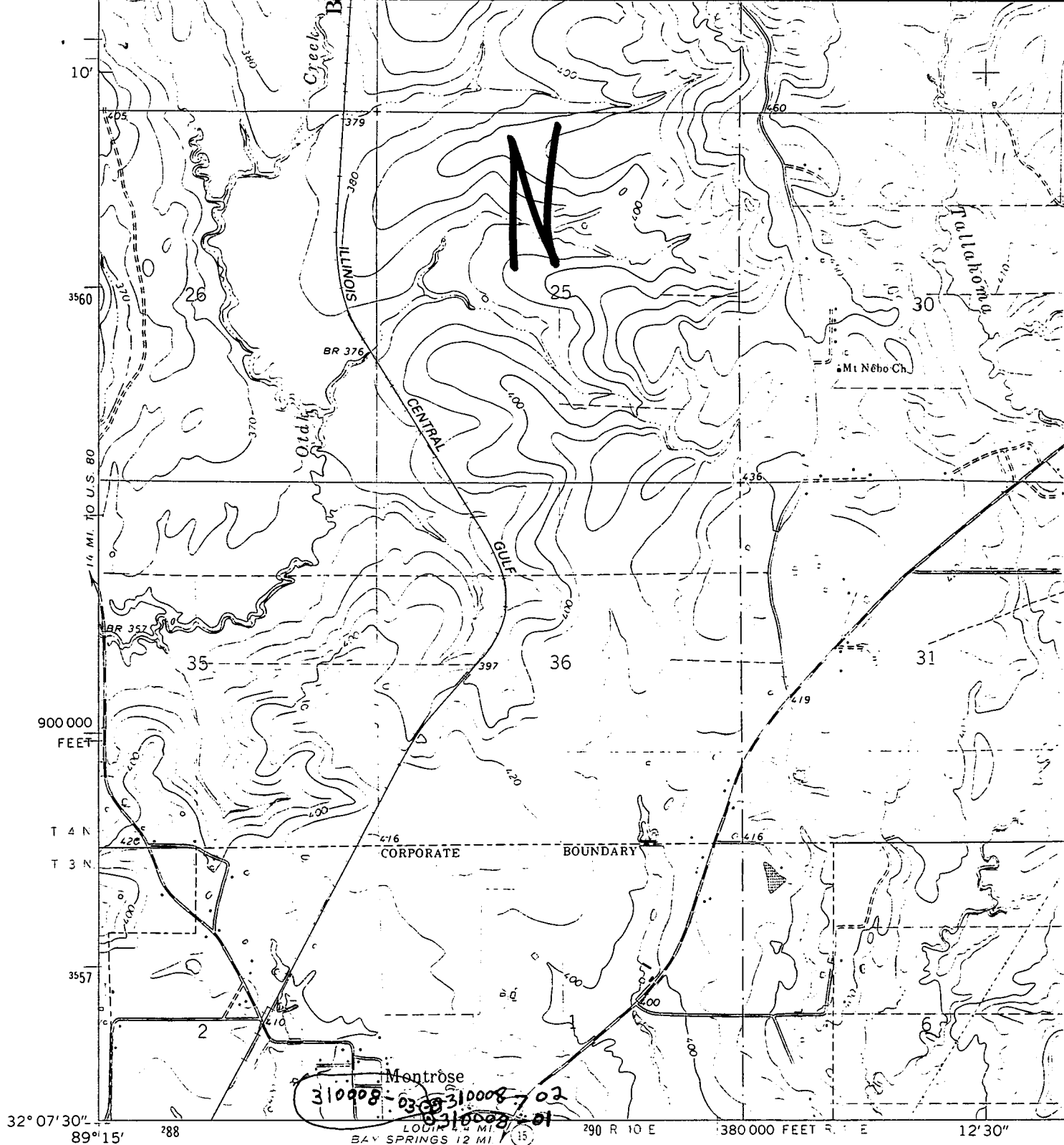
CASING DIA: 10" PUMP TYPE & SIZE: 30 HP Elec.

GPS FIELD LOCATION: LAT. 32° 07' 32.5" LONG. 89° 14' 05.1

GPS CORRECTED LOCATION: LAT. 32.12550279 LONG. 89.23468870

REMARKS: GPS at well,

* well is west 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

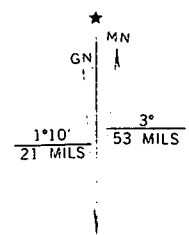
Polyconic projection. 1927 North American datum
10,000-foot grid based on Mississippi coordinate system, east zone
1000-meter Universal Transverse Mercator grid ticks,
zone 16, shown in blue

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

*Montrose
North
Quad*



UTM GRID AND 1982 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

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