

WELL SCHEDULE
GEOLOGICAL SURVEY

Elog # 171 APR 17 1975
AUG 26 1975
PUNCHED

U. S. DEPT. OF THE INTERIOR

WATER RESOURCES DIVISION

M500H
310011-02

MASTER CARD

Record by WTO Source of data BOWC MSGS Date 10/74 Map Rose Hill

State MS County (or town) JASPER Sequential number: 31

Latitude: 32° 08' 41" N Longitude: 088° 58' 38" W

Lat-long accuracy: 2' 4' 13" 33' SW SE NW

Local well number: D031DB3304N13E Other number: _____

Local use: 064171 Owner or name: _____

Owner or name: ROSE HILL W SYS Address: _____

11/30/88 Jo Everett
178.00
- 32.27
- 2.50
WEL 43.23

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

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 2

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. US

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

Hvd. lab. data: _____

Qual. water data; type: USGS 8/75

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

Log data: Elog 10'-2107' D-E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 189.0 ft Meas. rept. accuracy 3

Depth cased; (first perf.): 179.0 ft Casing type: _____; Diam. 12x8 in

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

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

Date Drilled: 7/75 Pump intake setting: _____ ft

Driller: Singer layne name (L) (M) address (N) (P) (R) (S) (T) (Z) Deep Shallow

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

Power (type): nat, LP, 50 V Trans. or meter no. _____

Descrip. MP 440 ft above below LSD, Alt. MP _____

Alt. LSD: 43.0 Accuracy: (source) topo

Water Level: _____ ft above below MP; Ft. below LSD 142 Accuracy: _____

Date meas: 9/75 Yield: _____ gpm Method determined 400

Drawdown: _____ ft Accuracy: _____ Pumping period: _____ hrs

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

Sp. Conduct 355 K x 10⁶ 5 Temp. 31.5 Date sampled 8/75

Taste, color, etc. pH = 3.2

Well No. _____

Latitude-longitude _____
d m s N
d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: _____ Section: 03

Drainage Basin: D 13P Subbasin: _____

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

MAJOR AQUIFER: system _____ series TE aquifer, formation, group WLCXL LOW

Lithology: _____ Origin: S Aquifer Thickness: 110 ft

Length of well open to: _____ ft 100 Depth to top of: 1790 ft 479

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

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

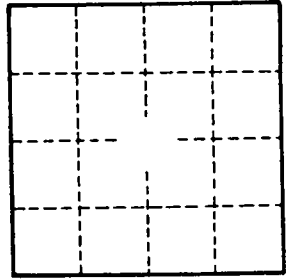
Intervals Screened: _____ Depth to consolidated rock: _____ ft _____ Source of data: _____

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

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____

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



Well No. _____

JASPER
D31
2-14-75
Log #171

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

00222

WATER WELL DRILLERS LOG

2-14-1975 date well completed
 Singer, Laine, Central Div. firm name
 Jasper county well located

GW-12938

LANDOWNER: Rose Hill
Water Association
Rose Hill Mrs
 (mailing address)

WELL LOCATION:
 sec. 33 T 4 N R. 13 E
 (distance) miles (direction) of (nearest town)

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

WELL COMPLETION DATA:
 (1) diameter (inches) 12"
 (2) total depth (feet) 1903'
 (3) static water level (feet) 142 below top of ground.
 (4) casing Steel 1790'
 (material) (depth)
12" if telescope see back.
 (size) (material)
 (5) screen 100' 1790'
 (length) (depth to top)
8" Stainless Steel W.W.
 (size) (material)
 (6) pump 50 400
 (HP) (yield gpm)
Electric
 (type power)
 (7) electric log Yes
 (yes or no)
Miss. Geol. Survey 1975
 (organization running log)
 (8) how well bottom plugged Water

description of formations encountered	from	to
Top soil	0	2
Hard red sandy clay	2	12
yellow clay	12	17
Black clay, Hard	17	30
Sand, Loose	30	123
Hard Shale	123	178
Lime	178	220
Clay	220	242
Hard Shale	242	258
Shale & Sand Shls.	258	296
Sand & Shale	296	336
Shale & Sand Shls.	336	404
Lime	404	410
Hard Clay, Black	410	471
Lime Rock & Shale Shls.	471	508
Hard Shale	508	541
Rock	541	546
Hard Shale	546	553
Rock	553	556
Hard Shale & Rock Shls.	556	598
Hard Shale & Lime Shls.	598	657
Sand & Shale Shls.	657	715
Shale	715	766
Hard Shale & Lime Shls.	766	780
Rock	780	781
Shale & Sand Shls.	781	840
Sand & Shale Shls.	840	883
Hard Shale	883	893
Sand & Shale Shls.	893	913
Hard Shale & Sand	913	961
Hard Shale	961	1016
Lime Rock & Sand Shls.	1016	1040
Hard Shale	1040	1060
Sand & Sand Shls.	1060	1079
Hard Shale & Fine Sand Sh.	1079	1215
Shale	1215	1244
Spades Shale	1244	1293
Rock	1293	1294
Shale & Sand Shls.	1294	1360
Sand & Shale Shls.	1360	1378
Sand	1378	1404

DRILLERS REMARKS:

- Continued -

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Horvack DATE: 8/9/96
UNIT DEQ #: 82859 FILE #: B081000A
HEALTH DEPT. #: 3/0011-02 ELEV. _____
USGS #: D31 OLWR #: GW-12938
OWNER: Rose Hill Water Assoc. QUAD: Rose Hill
LOCATION: SE-NW S 33 T 4N R 13E COUNTY: Jasper
LOCATION DESCRIPTION: AT Elev. Tank on South side of Hwy 513
1.10 mi. East of Intersection with Hwy 18 (Rose Hill)
CASING DIA: 12" PUMP TYPE & SIZE: 50 HP Elec.
GPS FIELD LOCATION: LAT. 32° 08' 42.6" LONG. 88° 58' 37.2
GPS CORRECTED LOCATION: LAT. 32.14495174 LONG. 88.97655771
REMARKS: GPS at well

Water Well Field Data Form

Well No. D-31 County Jasper

Date 4/27 1994 Party JG

Elevation _____ GPS File No. A022821A

Health Department Tag No. 310011-02

Previous Water Level _____ Date _____

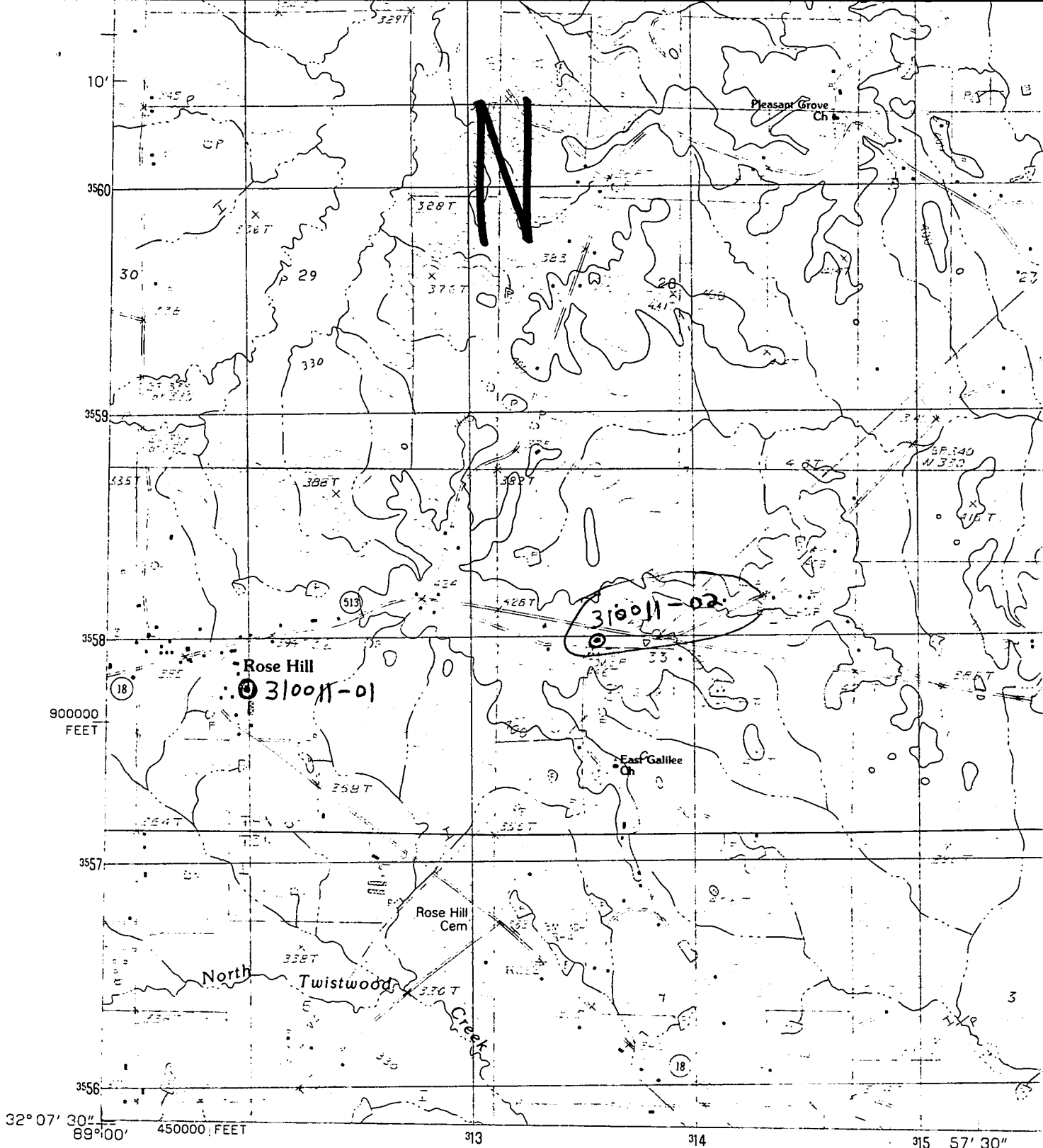
Rose Hill Road

tape down no.	1	2	3	4
time				
held	155.00	160.00	163.00	
wet	4.5	6.3	12.7	
difference	150.5		150.3	
MP correction				
water level				
WL corr. to MSL				

Note: Provide sketch of location and/or Measuring Point on back if necessary.

Lat - 32 08 .714 32.14475174
Long - 88 58 .549 88.97655771

MP: The vent pipe on the east side of Pump



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
 CONTROL BY USGS AND NOS/NOAA
 COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1978
 FIELD CHECKED 1980. MAP EDITED 1983
 PROJECTION TRANSVERSE MERCATOR
 GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ZONE 16
 10,000-FOOT STATE GRID TICKS MISSISSIPPI, EAST ZONE
 UTM GRID DECLINATION 1°02' WEST
 1983 MAGNETIC NORTH DECLINATION 2°30' EAST
 VERTICAL DATUM NATIONAL GEODETIC VERTICAL DATUM OF 1929
 HORIZONTAL DATUM 1927 NORTH AMERICAN DATUM
 To place on the predicted North American Datum of 1983
 move the projection lines as shown by dashed corner ticks
 (14 meters south and 4 meters east)
 There may be private inholdings within the boundaries of any
 Federal and State reservations shown on this map

Rose Hill Creek

PROVISIONAL MAP
 Produced from original
 manuscript drawings. Informa-
 tion shown as of date of
 field check.