

FORM 9-1642
(1-68)

Well No. W 55

WELL SCHEDULE

Ewg # 223

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

239A RIDGELEND

PUNCHED

MAR 18 1974

MASTER CARD 10 m

Record by WTR Source of data BOWC MSGS Date 6/72 Ridgeleland Quad

State MISS 28 County (or town) MADISON 45

Latitude: 32 28 49 N Longitude: 09 00 08 22 Sequential number: 1

Lat-long accuracy: 2 7 0 2 6 SW SW NW

Local well number: W055CB0607NOZE Other number: Borjeman Rd

Local use: 064222 Owner or name: Borjeman Rd

Owner or name: BEAR CREEK WA Address: Madison

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 WA

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

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

Hyd. lab. data: CCKF

Qual. water data; type:

Freq. sampling: Pumpage inventory: no; period:

Aperture cards: yes

Log data: Ewg 10' - 647' D.E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 573 Meas. rept 3

Depth cased; (first perf.) 523 Casing type: Steel Diam. 12

Finish: (C) porous concrete, (F) gravel w. (perf.), (H) gravel w. (screen), (O) horiz. gallery, (P) open end, (S) perf., (T) screen, (W) sd. pt., (X) shored, (Z) open hole, other 5

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse, (T) trenching, (V) driven, (W) drive wash, other 4

Date Drilled: 5-17-72 972 Pump intake setting:

Driller: SINGER-LAYNE

Lift (type): (A) air, (B) bucket, (C) cent, (J) multiple, (L) multiple, (M) multiple, (N) none, (P) piston, (R) submerg, (S) turb, (T) other, (Z) other 7 Deep Shallow

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

Descrip. MP 327 ft above 327 below LSD, Alt. MP

Alt. LSD: 320 Accuracy: tops

Water Level: 152 ft below MP; Ft. below LSD 152 Accuracy: 7

Date meas: 672 Yield: 200 gpm Method determined 7

Drawdown: 6 ft Accuracy: 6 Pumping period 6 hrs 6

QUALITY OF WATER DATA: Iron 69 Sulfate 70 Chloride 71 Hard. 72

Sp. Conduct 73 K x 10 74 Temp. 75 Date sampled 76

Taste, color, etc. 77 78 79

10 29
196.10
4/6/95
197.57

1111 No.

Well No. _____

Latitude-longitude _____
d m s N S d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD
PUNCHED

Physiographic Province: _____ Section: 03

Drainage Basin: D 13T Subbasin: _____
Top of well site: (C) (E) (F) (H) (K) (L) _____
(G) (P) (S) (T) (U) (V) _____
depression, stream channel, dunes, flat, hilltop, sink, swamp,
offshore, pediment, hillside, terrace, undulating, valley flat

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

Lithology: _____ Origin: 2 Aquifer Thickness: 6.8 ft
Length of well open to: _____ ft 5.0 Depth to top of: _____ ft 50.5

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 SS

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

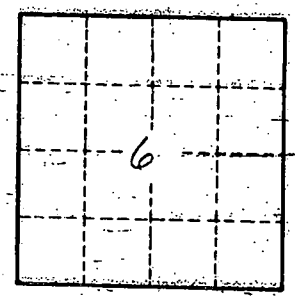
Depth to basement: _____ ft _____ Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

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

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

WL 10/24/80 179.20
10/26/84 196.40



Well No. _____

F LOG 223

MADISON
W55
3-12-72

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

CODED

WATER WELL DRILLERS LOG

6-12 1972 Singul-Lee Central Div. Madison
date well completed firm name county well located

LANDOWNER: Bear Creek
Water Association
Madison, Miss.
(mailing address)

WELL LOCATION:
sec. 6 T 7 N R 2 E
miles of (distance) (direction) of (nearest town)

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

- WELL COMPLETION DATA:
- (1) diameter (inches) 12"
 - (2) total depth (feet) 579'
 - (3) static water level (feet) 152 below above top of ground.
 - (4) casing Steel 516'
(material) (depth)
12" If telescope see back.
(size) 61' 8 6
 - (5) screen 50' 523'
(length) (depth to top)
6" Stainless Steel
(size) (material)
 - (6) pump 20 200
(HP) (yield gpm)
Electric
(type power)
 - (7) electric log Yes
(yes or no)
Miss. Geol. Survey
(organization running log)
 - (8) how well bottom plugged Valve

| description of formations encountered | from | to |
|---------------------------------------|------------|------------|
| <u>Yellow Clay</u> | <u>0</u> | <u>25</u> |
| <u>Blue Clay</u> | <u>25</u> | <u>179</u> |
| <u>Brittle Shale</u> | <u>179</u> | <u>335</u> |
| <u>Sandy Shale</u> | <u>335</u> | <u>450</u> |
| <u>Hard Sandy Shale</u> | <u>450</u> | <u>505</u> |
| <u>Fine Sand & Shale</u> | <u>505</u> | <u>528</u> |
| <u>Sand</u> | <u>528</u> | <u>620</u> |
| <u>Sandy Shale</u> | <u>620</u> | <u>637</u> |
| <u>Shale</u> | <u>637</u> | <u>657</u> |

CODED

JUN 20 1972

MISS. BU. OF
MINING & GEOL.

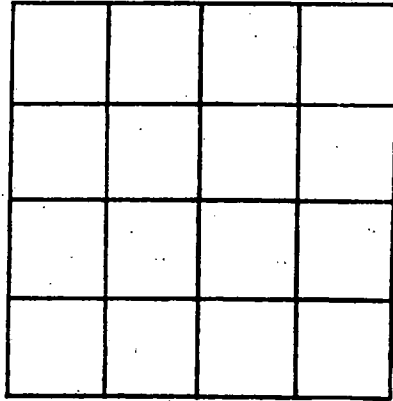
DRILLERS REMARKS:



If well telescopes please sketch and show depths.

03000

GROUND LEVEL



SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

03000

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

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

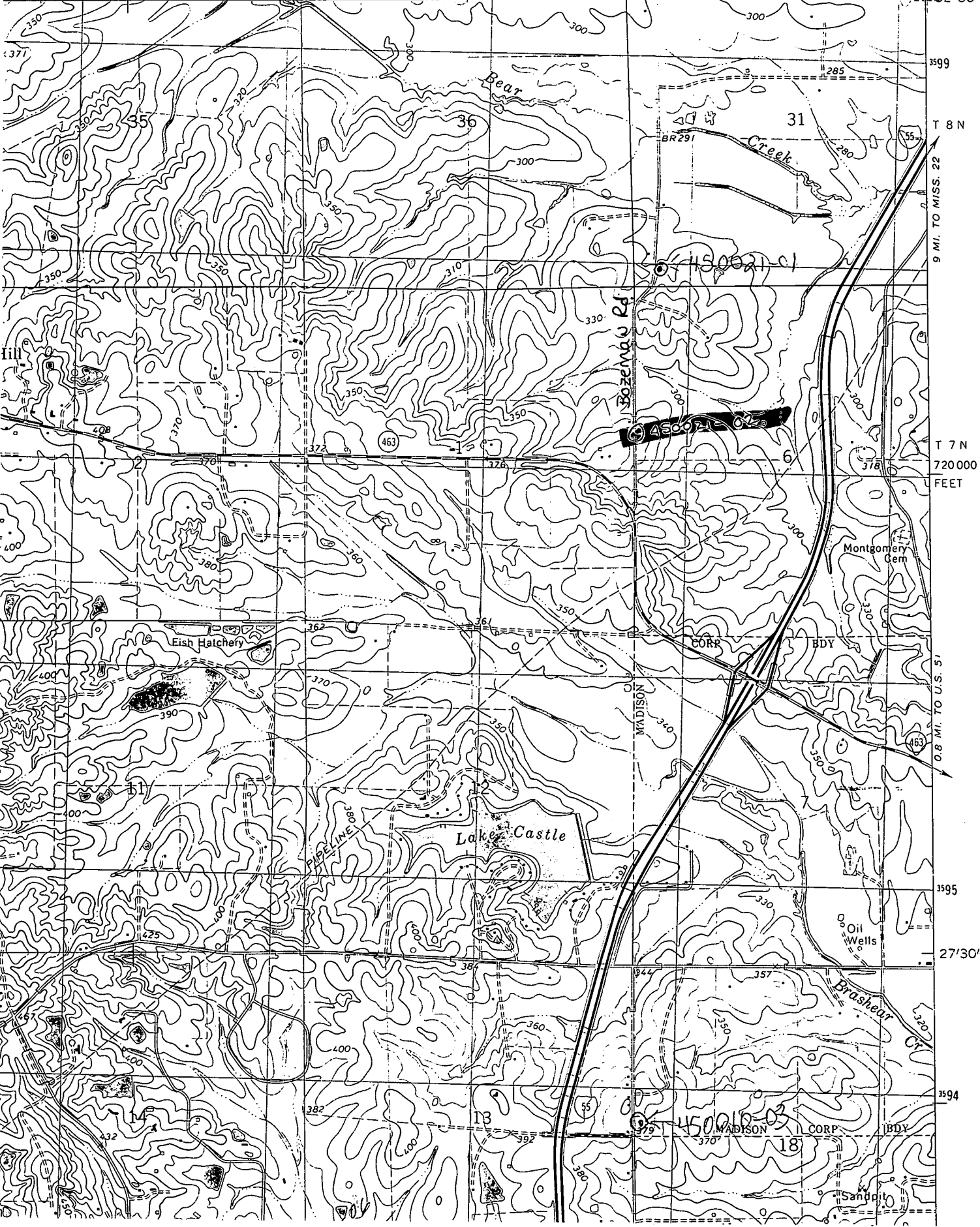
USER NAME(S): AD DATE: 9-14-94
UNIT DEQ #: 84090 FILE #: B091414E
HEALTH DEPT. #: 450021-02 ELEV. 330
USGS #: W55 OLWR #: GW07586
OWNER: Bear Ct. W. A. QUAD: Lidge Pond
LOCATION: NW/5W S 06 T 7N R 2E COUNTY: MADISON
LOCATION DESCRIPTION: Well located in wooden fence
boundary dr. of area S. ground tank SW of
pumphouse.
CASING DIA: _____ PUMP TYPE & SIZE: Turbine / 30 HP
GPS FIELD LOCATION: LAT. 32.28.886N LONG. 90.08.397W
GPS CORRECTED LOCATION: LAT. 32.48146732 LONG. 90.14037689
REMARKS: 5 mile from well #1, also approx.
15 miles from Hwy 463.

GPS

RIDGELAND QUADRANGLE MISSISSIPPI 7.5 MINUTE SERIES (TOPOGRAPHIC)

2949 II SE
(CANTON)

4.5 MI. 766 10' 167 R 1 E 560 000 FEET R 2 E 90°07'30" 32°30'



T 8 N
9 MI. TO MISS. 22
T 7 N
720 000
FEET
0.8 MI. TO U.S. 51
3595
27'30"
3594



450018-03
MADISON CORP. IDBY
18