



Well No. \_\_\_\_\_

Latitude-longitude \_\_\_\_\_  
N  
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HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: \_\_\_\_\_ Section: 03

Drainage Basin: 135 Subbasin: \_\_\_\_\_

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

MAJOR AQUIFER: system \_\_\_\_\_ series K-3 aquifer, formation, group \_\_\_\_\_

Lithology: \_\_\_\_\_ Origin: 6 Aquifer Thickness: 50 ft

Length of well open to: \_\_\_\_\_ ft 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: \_\_\_\_\_

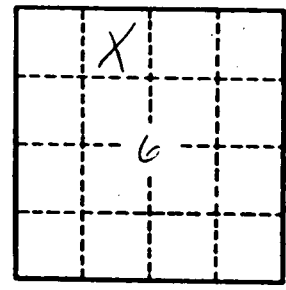
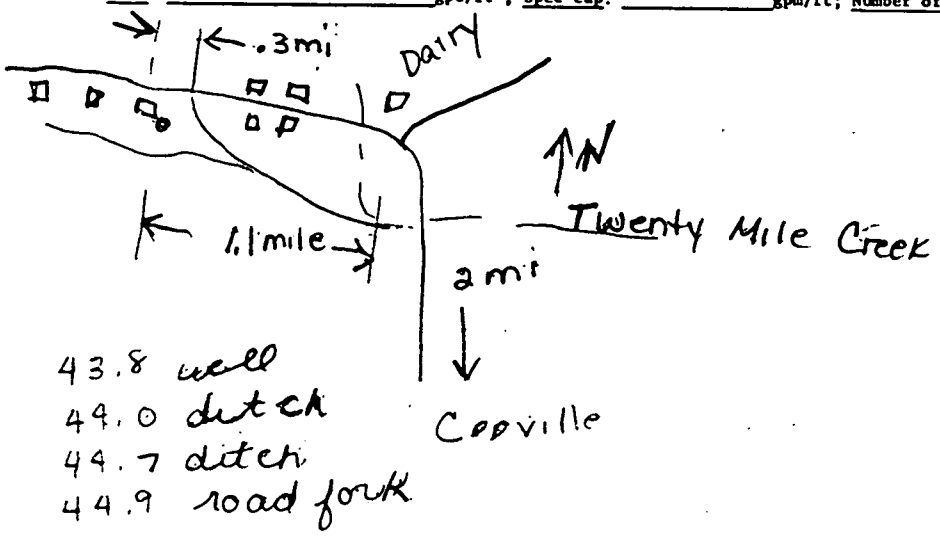
Depth to consolidated rock: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

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: \_\_\_\_\_



Well No. 582



PRELTISS

J82

9/2/82

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

CODED

WATER WELL DRILLERS LOG

September 1, 1982  
date well completed

15 J.M. Parks Drilling Co.  
firm name

Prentiss County  
county well located

LANDOWNER: Prentiss  
Allan Water Assoc.  
Boonerville, MS  
(mailing address)

WELL LOCATION:  
sec \_\_\_\_\_ T \_\_\_\_\_ N \_\_\_\_\_ R \_\_\_\_\_ E \_\_\_\_\_  
S \_\_\_\_\_ W \_\_\_\_\_  
10 miles NW of Boonerville  
(distance) (direction) (nearest town)

WELL PURPOSE: COMMUNITY  
(Home, Irrigation, municipal, industrial)

- WELL COMPLETION DATA:
- (1) diameter (inches) 1 3/4"
  - (2) total depth (feet) 550'
  - (3) static water level (feet) 221' below above top of ground
  - (4) casing Steel 440'  
(material) (depth)  
10 3/4" if telescope see back.  
(size)
  - (5) screen 60' Steel  
(length) (depth to top)  
6" (size) (material)
  - (6) pump 40 500  
(HP) (yield gpm)  
30  
(type power)
  - (7) electric log YES  
(yes or no)  
MGS  
(organization running log)
  - (8) how well bottom plugged \_\_\_\_\_

description of formations encountered	from	to
CLAY	0	13
sand/red w/clay	13	40
white chalk w/clays	40	65
clays chalk & shale streaks	65	310
sand (dirty w/shale)	310	430
sand w/shale streaks	430	550
<b>TOTAL DEPTH</b>		<b>550</b>

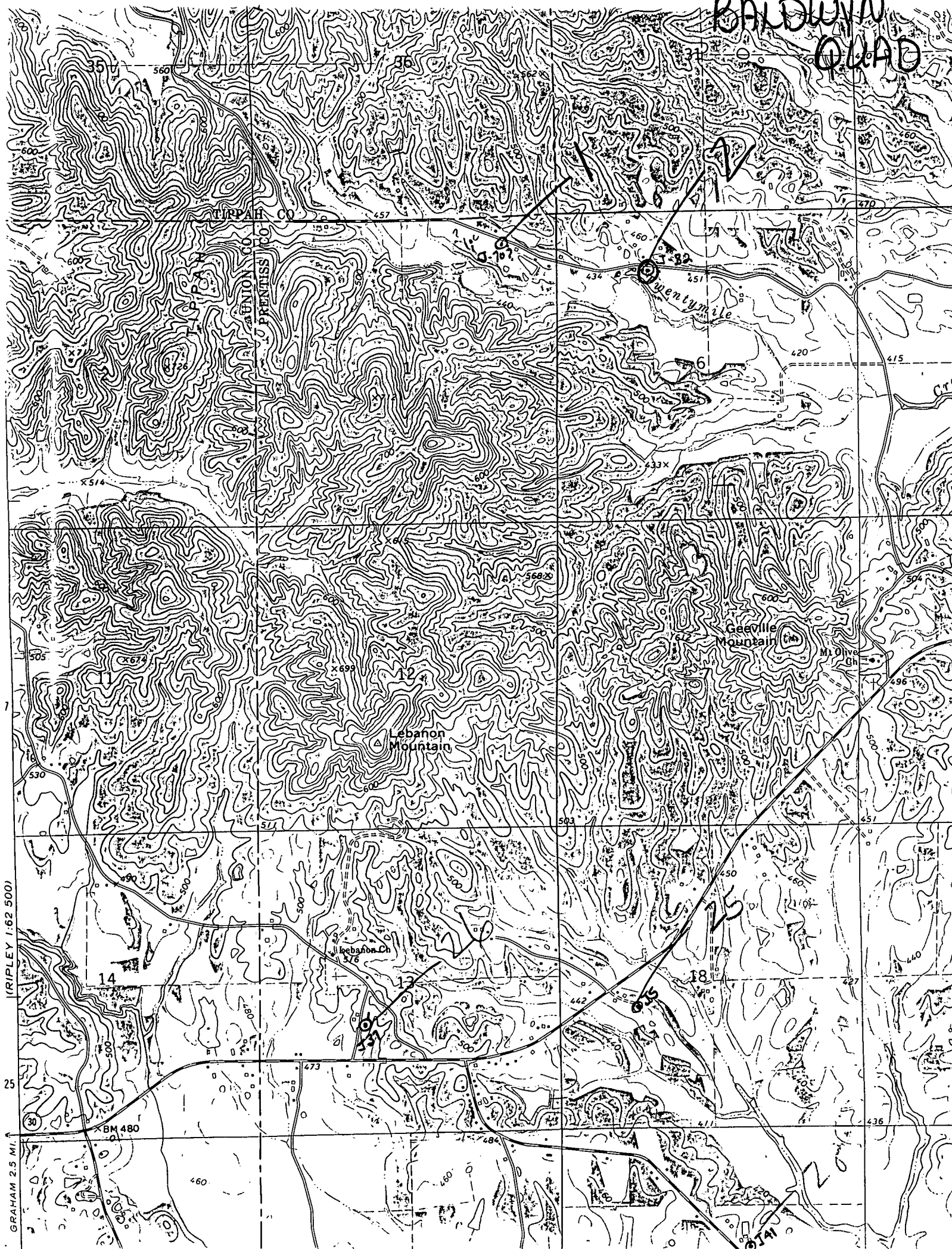
DEPT. OF NATURAL RESOURCES  
BUREAU OF LAND & WATER RESOURCES

DEC 30 1982

RECEIVED

DRILLERS REMARKS:

# BALDWIN QUAD



(RIPLEY 1:62 500)

GRAHAM 2.5 MI.

PRENTISS CO.  
UNION CO.

Lebanon Mountain

Geeville Mountain

Lebanon Ch.

Mt. Olive Ch.

14

13

18

BM 480

BM 441