

Well No. F19

Latitude-longitude N S

HYDROGEOLOGIC CARD

1 SAME AS ON MASTER CARD 19 Physiographic Province: 03 Section:

22 Drainage Basin: 13E 23 Subbasin: 24

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) (F) (H) (K) (L) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat 5

MAJOR AQUIFER: system K3 series EZ aquifer, formation, group N5 10' McShan

Lithology: 32 Origin: 6 33 Aquifer Thickness: ft

33 Length of well open to: 27 ft 34 Depth to top of: 947 ft

MINOR AQUIFER: system series aquifer, formation, group

Lithology: 48 Origin: 49 Aquifer Thickness: ft

50 Length of well open to: ft 51 Depth to top of: ft

Intervals Screened: 30' of 3" S.S. 957-987

Depth to consolidated rock: ft 60 Source of data: 61

Depth to basement: ft 62 Source of data: 63

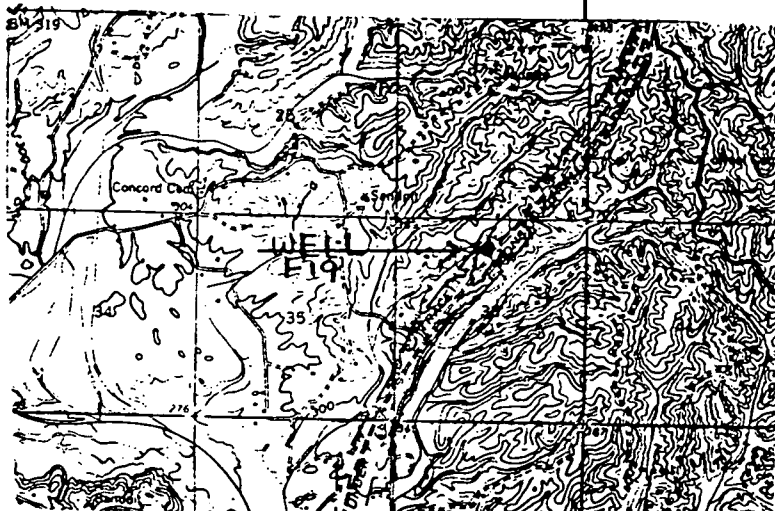
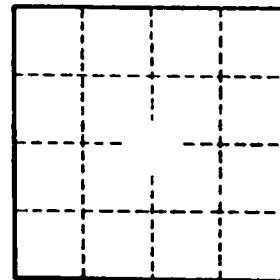
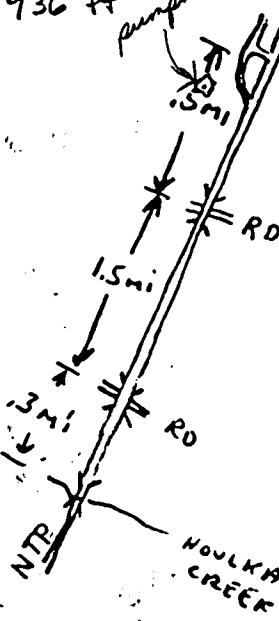
Surficial material: 70 Infiltration characteristics: 71

Coefficient Trans: gpd/ft 72 Coefficient Storage: 73

Coefficient Perm: gpd/ft²; Spec cap: gpm/ft; Number of geologic cards: 74

Arcola 620 ft
Eutaw 728 ft
McShan 936 ft

purplish (unscreened) on SE end - road
WITCH DANCE PICNIC AREA



Chickasaw

F 19

6-65

Elec Log

June

date well completed

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MISSISSIPPI
BOARD OF WATER COMMISSIONERS

416 North State Street
Jackson, Mississippi 39201

WATER WELL DRILLERS LOG

Herndon-Homan Well & Supply, Inc.

P. O. Box 42

SHANNON, MISSISSIPPI 38868

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Chickasaw

county well located

LANDOWNER:

Natchez Trace Parkway

Witchdance Picnic Area
(mailing address)

WELL LOCATION:

sec. 36 T. 13 N. R. 3 E. S. 5

2 miles E of Houston
(distance) (direction) (nearest town)

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

WELL COMPLETION DATA:

- (1) diameter (inches) 6"
- (2) total depth (feet) 1040'
- (3) static water level (feet) 185' below top of ground.
- (4) casing steel, 496' (material) (depth)
- 6" (size) If telescope see back.
- (5) screen 30' (length), 957' (depth to top)
- 3" (size), S.S. (material)
- (6) pump B&B others (HP) (yield gpm)

(type power)

- (7) electric log yes (USGS #28)
(yes or no)

C.S.B.
(organization running log)

- (8) how well bottom plugged B/A

DRILLERS REMARKS:

description of formations encountered

from

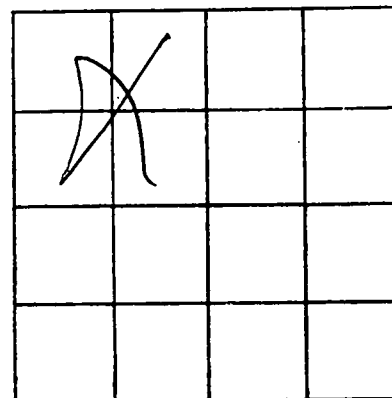
to

Surface Sand & clay	0	20
Hard Sand	20	24
Sand Rock	24	30
Blue Sand	30	90
Sandy Blue clay	90	150
Blue clay	150	240
Blue clay changing to blue	240	300
White Chalk	300	600
White Chalk (soft)	600	622
Hard Rock	622	623
Blue clay	623	628
Rock	628	629
Blue clay	629	740
Sand	740	840
Rock	840	841
Blue clay	841	860
Sand	860	975
Hard Rock	975	976
Blue clay	976	1022
Sand	1022	1040
Rock & Bottom	1040	

2

If well telescopes please
sketch and show depths.

GROUND LEVEL



SECTION _____

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): Phillips/Hardin DATE: 7/31/97

UNIT DEQ #: _____ FILE #: 8073113D

HEALTH DEPT. #: 090015-01 ELEV. 390

USGS #: F19 OLWR #: GW01474

OWNER: Witch Dance Water System QUAD: HOUSTON EAST

LOCATION: NE NW S 36 T 13S R 3E COUNTY: Chickasaw

LOCATION DESCRIPTION: At Witch Dance Rest Area (Natchez
Trace) down horse trail

CASING DIA: _____ PUMP TYPE & SIZE: _____

GPS FIELD LOCATION: LAT. 33°54'43.2"N LONG. 88°56'26.0"W

GPS CORRECTED LOCATION: LAT. 33.911733 LONG. 88.94011685

REMARKS: Measured @ 10' N of well

