

070023-01

GW822

GW00822
DOH # 0070023-01

TRANSMITTED FOR AD

1/81 WFO

Recorded by WFO
Date 9/81

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

Well No. B21
E-Log No. 60
County Calhoun

jo 34" mp

QUAD TULA
92-B

GPSd 7/29/97 PP/DH

GEN. SITE DATA

Site ID 3.4.0.9.0.3.0.8.9.2.0.1.4.0.1 R=0* T=A 1* 2=W*

Data rellab. 3-C Report. agency 4-USGS Dist. 6-28 7-28* Co. 8-0.1.3

Lat. 34.0908 Long. 10.0892014 Well No. 12-B021

Location 13-SESE S.06 T.11 S.20.1 W Alt. 16-530

Hyd. Unit (OWDC) 20- Date 21-09/10/1981

Well use 23-W Water Use 24-P Hole depth 27-1940 Well depth 28-1933

WL 30-332 Date 31-10/07/1981 Source 33-S

Status 273- Project No. 5-

OWNER

R=158* T=A Date 159# 11/01/1981 Owner No. Well #6

Owner 161# M.T. COMFORT W A

FIELD

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-

CONSTR.

R=58* T=A 59# 1* Date 60-11/01/1981 Remarks

Drig. 63-330 Name Herndon wells Method 65-H Finish 66-5

CASING

R=76* T=A 59# 1* Top. csgn. 77# 0 Bot. csgn. 78-1860 Diam. 79# 1.0

R=76* T=A 59# 1* Top csgn. 77# 1788 Bot. csgn. 78-1860 Diam. 79# 6

OPENINGS

R=82* T=A 59# 1* Top 83# 1860 Bottom 84-1933

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-

YIELD

R= 46 T=A 147# 1* 150- 269 Q/S 272-

134 flows 146 pumped

LIFT

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

Date 38- 11/01/1982 H.P. 46- 40.0*

LOGS

R=198* T= A * Log 199# E* Top 200- 6.6.* Bot 201- 19.40.*

R=198* T= A * Log 199# D* Top 200- 0.* Bot 201- 18.55.*

R=189* T= A * E Log No. 190# 0.6.0* 191- M T S S D T S T *

ANAL.

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

AQUIFERS

R=90* T= A * 256# 1 * Top 91- 18.6.0.* Bot 92- *

Unit ID 93- 2.1.1 G.O.R.D. * 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# *

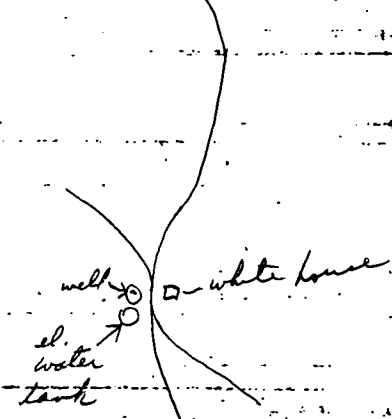
107- * Transmissivity (gal/d)/ft

108- * Hydraul. cond. (gal/d)/ft²

110- * Storage coeff. Boundaries

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

Water Level Data Collection (1)



description of formations encountered	from	to
Red Clay	0	18
Limerock	18	35
Brown Clay	35	150
Sandy Blue Clay	150	242
Blue Clay w/streaks of sand (315' shale rock)	242	1390
Sand	1390	1410
Blue Clay	1410	1485
Sand	1485	1503
Blue Clay	1503	1782
Shale	1782	1833
Rock	1833	1837
Blue Clay	1837	1855
Sand	1855	

Pump off
40 min
6-18-91
hold 250.00
- 11.26
238.74
2.85 mp
235.89
DH/JE

Calhoun
821
82

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

WATER WELL DRILLERS LOG

1982 Herndon Well & Supply, Inc. Calhoun
date well completed firm name county well located

LANDOWNER: Mt. Comfort Water Ass'n., P. O. Box 595, Bruce, MS 38915 (mailing address)	description of formations encountered	from	to
WELL LOCATION: sec. 6 T. 11 N. R. 1 W. S. 10 miles S of Tula (distance) (direction) (nearest town)	Red Clay	0	18
	Limerock	18	35
WELL PURPOSE: Municipal (home, irrigation, municipal, industrial)	Brown Clay	35	150
	Sandy Blue Clay	150	242
WELL COMPLETION DATA: (1) diameter (inches) 10 x 6" (2) total depth (feet) 1933' (3) static water level (feet) 336 below top of ground. (4) casing Steel, 1860' (material) (depth) 10" (size) If telescope see back. (5) screen 51.35, 1860' (length) (depth to top) 6" SS Ribbed Extra (size) (material) heavy (6) pump 40, 269 (HP) (yield gpm) Electric (type power) (7) electric log yes (yes or no) U.S. Geo. Survey (organization running log) (8) how well bottom plugged 6" BWV	Blue Clay w/streaks of sand (315' shale rock)	242	1390
	Sand	1390	1410
DRILLERS REMARKS:	Blue Clay	1410	1485
	Sand	1485	1503
	Blue Clay	1503	1782
	Shale	1782	1833
	Rock	1833	1837
	Blue Clay	1837	1855
	Sand	1855	

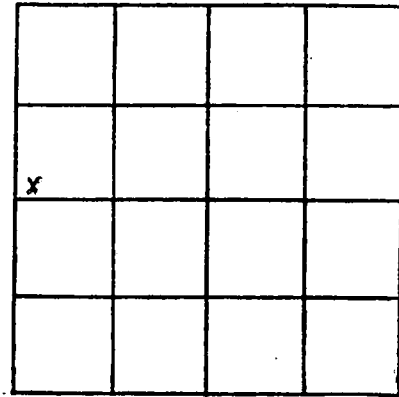
DEPT. OF NATURAL RESOURCES
BUREAU OF LAND & WATER RESOURCES

FEB - 8 1982

RECEIVED

If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION 10

Please indicate well location X.

ADDITIONAL INFORMATION

Top of LAP
1788'

10-30 GRAVEL

Top of Screen
1860'

Bottom Casings
1860'

Bottom of well
1933'

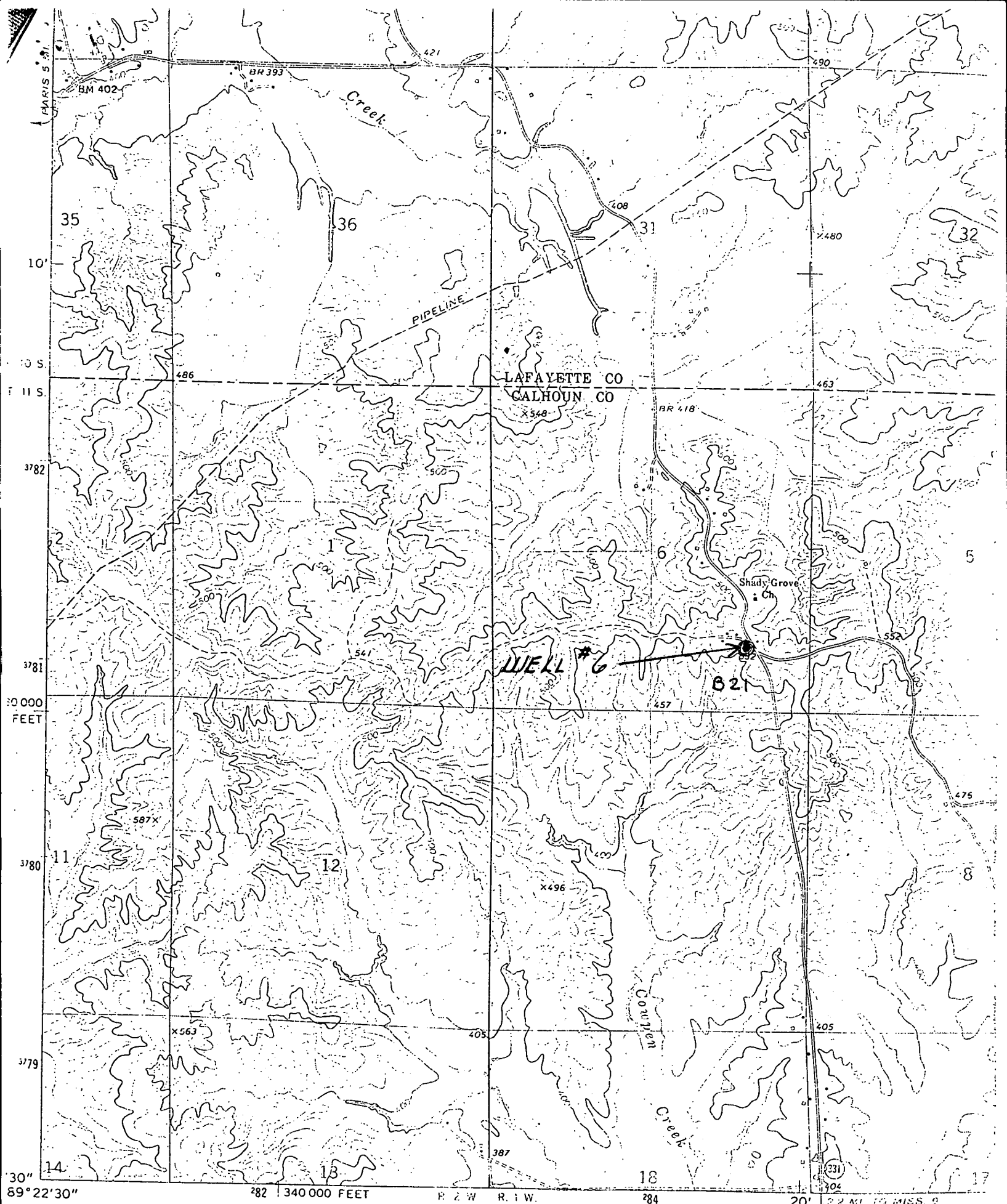
If more than one screen, show locations of each on sketch.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Phillips/Hardin DATE: 7/29/97
UNIT DEQ #: _____ FILE #: B072922A
HEALTH DEPT. #: 070023-01 ELEV. 530'
USGS #: B21 OLWR #: GW822
OWNER: mt. Comfort WA / Hwy 331 QUAD: Tula
LOCATION: SE/SE S 6 T 11S R 1W COUNTY: Calhoun
LOCATION DESCRIPTION: On Hwy 331, 3.8 miles North of Hwy 9

CASING DIA: _____ PUMP TYPE & SIZE: Turbine
GPS FIELD LOCATION: LAT. 34°09'00.0"N LONG. 89°20'09.4"W
GPS CORRECTED LOCATION: LAT. 34.149756 LONG. 89.33642938
REMARKS: measured 40' east of well



Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1971. Field checked 1972

Projection and 10 000-foot grid ticks: Mercator

