

Coded By 04/95
Checked By 8/27/98-96
Entered By 2/12/95
Date

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

E-Log No. 52
County UNION
Agency

Well No. 676
GW14822
DQH # 730025-02

WELL RECORD

Agency Code UISGIS Site Id 1342909089071012011 Project No. 5 New Albany West Quad

Station Name 1250116 HWY 301 W A Latitude 9342909 Longitude 104081901702

Loc/Land Ac. 111 S F M Disc 6=28 Stage 7=28 County 8=145 NW Land Net 13=SE1SW3081710171810121E2

Location Map 14=NEW ALBANY W Altitude 16=430 Mec/Meas 17=A L Accuracy 18=15 Hydrologic Unit 20=0181030121011

Agency Use 803=A Date Invented 711 Station Type 4 Data Type 804

Instr. 805 Remarks 806 Relia. 3=C L M U 2=X

Date of Construction 21=03/08/1995 Well Use 23=W Water Use 24=P Primary Aquifer 714=Z111EMTW Hole Depth 27=1332

Well Depth 28 Water Level 30=235 Water Level Date 31=09/10/71/1995 Method 34=1 Status 37=1 Source 33=D

CONSTRUCTION DATA
R=58 T=A 723#1 Construction Date 60=09/10/71/1995 Contractor 63=0104 Name LAYNE Method 65#1 Finish 66#1

CONSTRUCTION CASING DATA
R=76 T=A 725#1 59#1 Top/Casing 77 Bot/Casing 78 Diameter 79

CONSTRUCTION OPENINGS DATA
R=76 T=A 725#2 59#1 Top/Casing 77 Bot/Casing 78 Diameter 79

CONSTRUCTION OPENINGS DATA
R=32 T=A 726#1 59#1 Top/Depth 83 Bot/Depth 84 Diameter 87 Type 85 Length 89 Width 88

CONSTRUCTION OPENINGS DATA
R=32 T=A 726#2 59#1 Top/Depth 83 Bot/Depth 84 Diameter 87 Type 85 Length 89 Width 88

CONSTRUCTION LIFT DATA
R=02 T=A 254#1 Lift Type 43#1 Date 38=09/10/71/1995 Intake 44=14210
Power 45#EL H.P. 46=150 Serial No. 49

MISCELLANEOUS OWNER DATA
R=158 T=A 718#1 Date of Ownership 159=09/10/71/1995 Owner Name 161 HWY 301 W A

MISCELLANEOUS OTHER ID DATA
R=139 T=A 726#1 E-Log No. 190=757 Assigner 191=M C S S O C S T

MISCELLANEOUS QW DATA

R=192	T=A	738#1	Date of Measurement 1954 / /	Aquifer Sampled 1954	Temp 196#00010	Value 1974
R=192	T=A	738#2	Date of Measurement 1954 / /	Aquifer Sampled 1954	So Cond 196#00095	Value 1974
R=192	T=A	738#3	Date of Measurement 1954 / /	Aquifer Sampled 1954	OH 196#00100	Value 1974

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type 199#E	Sec. Depth 200# 101	End Depth 201# 331
R=198	T=A	739#1	Log Type 199#D	Sec. Depth 200# 01	End Depth 201# 1133

MISCELLANEOUS NETWORK DATA 706 = QW WL WD *

R=114	T=A	730#1	Sec. Year 115# 9	End Year 116# 9	Agency Source 120=A# 117#	Freq. 118#
R=121	T=A	730#2	Sec. Year 115# 9	End Year 116# 9	Agency Source 117#	Freq. 118#

MISCELLANEOUS REMARKS DATA

R=185	T=A	311#1	Date of Remarks 184# 09/10/11/1995	Remarks 185# MSGW 14822
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DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 148# 09/10/11/1995	Type 703#(A)	Discharge @ 50" 150# 245	So. Capacity 272#
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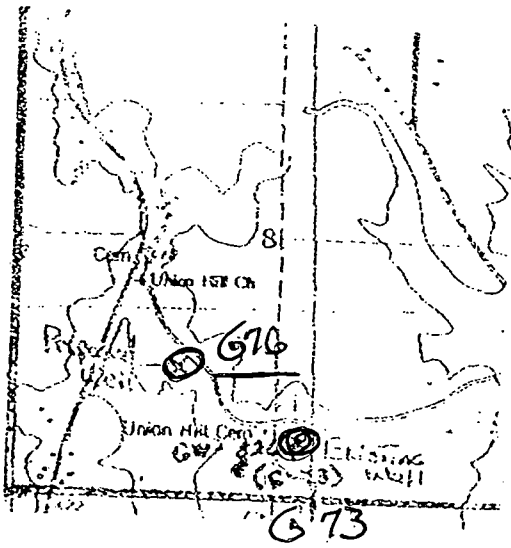
GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91#	Depth Bot. 92#	Unit 93# 2111
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100#	103#
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TOTAL DEPTH	THICKNESS EACH STRATUM	FORMATION
0-	8	Sandy Clay & Sand Streaks
8-	36	Hard Blue Clay
36-	214	Hard Blue Shale
214-	215	Rock
215-	218	Shale
218-	219	Rock
219-	221	Shale
221-	223	Rock
223-	227	Clay
227-	228	Rock
228-	230	Clay
230-	234	Rock & Clay Streaks
234-	235	Rock
235-	254	Clay & Rock Streaks
254-	282	Clay
282-	283	Rock
283-	290	Clay
290-	301	Hard Clay & Rock Streaks
301-	314	Rock & Clay Streaks
314-	316	Clay
316-	342	Rock & Sandy Shale Strks
342-	409	Hard Sandy Shale, Rock Streaks & Little Sand Str
409-	535	Hard Sandy Shale & Rock Streaks
535-	658	Sandy Clay
658-	868	Hard Clay & Soap Stone
868-	988	Soft Sandy Clay & Hard Streaks
988-	991	Fine Sand & Shale Streaks
991-	1026	Sandy Shale & Sand Streaks
1026-	1056	Hard Shale & Sea Shell
1056-	1066	Sandy Clay, Sand Streaks & Hard Shale Streaks
1066-	1069	Rock
1069-	1075	Clay & Rock Streaks
1075-	1220	Hard Shale & Rock Streaks
1220-	1282	Sandy Shale & Rock Strks
1282-	1311	Sandy Shale, Gravel & Little Sand Streaks
1311-		Rock



Union
GW 14822
G 2030

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES
 Bureau of Land and Water Resources
 Southport Mall
 P.O. Box 10631
 Jackson, Mississippi 39209
WATER WELL DRILLERS LOG

G076

SEPTEMBER 7 19 95 Layne-Central Union
 date well completed firm name county well located

LANDOWNER: Highway 30 West
 Water Association
 Route 1, Box 186-A
 Myrtle, MS 38650
 (mailing address)

description of formations encountered	from	to
SEE ATTACHED LOG		

WELL LOCATION:
 sec. 8 T. 7 ~~N~~S R. 2 E ~~R~~
 5 miles West of New Albany
 (distance) (direction) (nearest town)

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

- WELL COMPLETION DATA:
- (1) diameter (inches) 10" x 6"
 - (2) total depth (feet) 1329
 - (3) static water level (feet) 235 below above top of ground.
 - (4) casing steel 35' 1225'
 (material) (depth)
 16" If telescope see back.
 (size)
 - (5) screen 66' 101' 1225'
 (length) (depth to top)
 6" SS Wire Wrapped
 (size) (material)
 - (6) pump 50 265
 (HP) (yield gpm)
 Elec
 (type power)
 - (7) electric log Yes
 (yes or no)
 Layne-Central
 (organization running log)
 - (8) how well bottom plugged
 backpressure valve

RECEIVED
 OCT 16 1995

Dept. of Environmental Quality
 Office of Land & Water Resources

DRILLERS REMARKS:

If well telescopes please sketch and show depths.

GROUND LEVEL

	XXXX XXXX		

SECTION 08

Please indicate well location X.

ADDITIONAL INFORMATION

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

FORMATION LOG OF THE WELL OR TEST HOLE

STARTED TEST HOLE _____ 19____ FINISHED _____ 19____ TEST HOLE NUMBER _____
 LOCATION Union County, New Albany, MS SEC 08 TS 07S RANGE 02E ELEVATION _____
Highway 30 West Water Association

TOTAL DEPTH	THICKNESS EACH STRATUM	FORMATION	TOTAL DEPTH	THICKNESS EACH STRATUM	SAND SAMPLE
0-	8	Sandy Clay & Sand Streaks			1. 1220 - 1251
8-	36	Hard Blue Clay			2. 1251 - 1282
36-	214	Hard Blue Shale			3. 1282 - 1313
214-	215	Rock			4. 1313 - 1331
215-	218	Shale			
218-	219	Rock			
219-	221	Shale			
221-	223	Rock			
223-	227	Clay			
227-	228	Rock			
228-	230	Clay			
230-	234	Rock & Clay Streaks			
234-	235	Rock			
235-	254	Clay & Rock Streaks			
254-	282	Clay			
282-	283	Rock			
283-	290	Clay			
290-	301	Hard Clay & Rock Streaks			
301-	314	Rock & Clay Streaks			
314-	316	Clay			
316-	342	Rock & Sandy Shale Strks			
342-	409	Hard Sandy Shale, Rock Streaks & Little Sand Str			
409-	535	Hard Sandy Shale & Rock Streaks			
535-	658	Sandy Clay			
658-	868	Hard Clay & Soap Stone			
868-	988	Soft Sandy Clay & Hard Streaks			
988-	991	Fine Sand & Shale Streaks			
991-	1026	Sandy Shale & Sand Streaks			
1026-	1056	Hard Shale & Sea Shell			
1056-	1066	Sandy Clay, Sand Streaks & Hard Shale Streaks			
1066-	1069	Rock			
1069-	1079	Clay & Rock Streaks			
1079-	1220	Hard Shale & Rock Streaks			
1220-	1282	Sandy Shale & Rock Strks			
1282-	1331	Sandy Shale, Gravel & Little Sand Streaks			
1331-		Rock			

MUD PIT SIZE _____ FT. X _____ FT. X _____ FT. DEEP
 TYPE BIT USED TO CUT SAND _____
 SIZE OF TEST HOLE THROUGH SAND _____
 TYPE OF BIT USED TO CUT UPPER FORMATIONS _____
 _____ SIZE _____
 TYPE MUD PUMP USED _____
 DRILLING PRESSURE IN SAND _____
 TYPE OF MUD USED _____
 NOTES: _____

TEST DATA

PRELIMINARY TEST	FINAL TEST
STATIC WATER LEVEL _____	
PUMPED G. P. M. _____	
PRESSURE. POUNDS _____	
DRAWDOWN _____	
G. P. F. D. _____	
GUARANTEED G. P. M. _____	
GUARANTEED PRESSURE _____	
DATE OF TEST _____	

REMARKS

DRILLER Lynwood Hathcock
 FIELD SUPT Ray Smith



DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hardin / Phillips DATE: 6/10/99
UNIT DEQ #: _____ FILE #: B061015D
HEALTH DEPT. #: 730025-02 (No tag) ELEV.: 415'
USGS #: G76 OLWR #: GW14822
OWNER: Hwy 30W W.A. QUAD: New Albany West
LOCATION: SE/SW S 8 T 7S R 2E COUNTY: Union
LOCATION DESCRIPTION: In fenced area NW of elevated
tower 0.3 mi on CR 258(?) from int/w/with CR 51
(at Union Hill Church.)
CASING DIAM: _____ PUMP TYPE AND SIZE: Turbine; 60 HP
GPS FIELD LOCATION: LAT: 34° 29' 05.5" LONG: 89° 06' 58.0"
GPS CORRECTED: LAT: 34.484945 LONG: 89.116081
REMARKS: _____

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