



MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

# WELL SCHEDULE

FIPS: 33

WELL: A59

LOG NO.: \_\_\_\_\_

Recorded by: PPhillips Data Source: Permit Driller's log Date: 2/17/05

County: DeSoto Permit No.: GW15380 DOH No.: 0170043-03

Quad: Horn Lake Elevation: 295

¼: \_\_\_\_\_ ¼: SW ¼: SE ¼: SW Sec.: 25 T: 1S R: 9W

Plotted on quad?: \_\_\_\_\_ In field? \_\_\_\_\_ From drillers log? \_\_\_\_\_ From permit? \_\_\_\_\_

Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_ GPS? 11/15/00 <sup>ww</sup> From Quad? \_\_\_\_\_

Primary aquifer: WLCXL Secondary aquifer: \_\_\_\_\_

Use: WA Well status: \_\_\_\_\_ Local well name: \_\_\_\_\_

Owner: Walls Water Association, Inc

Date completed: 12/8/99 Driller: Herndon Well depth: 1562 Hole Depth: 1638

Pump type: T Pcwer type: E Pump capacity: 1155 HP: 100

Casing interval: 0-1481 Casing length: 1481' Casing diameter: 16" Casing type: S

Casing interval: 1418-1481 Casing length: 63' Casing diameter: 10" Casing type: S

Screen interval: 1481-1562 Screen length: 81' Screen diameter: 10" Screen type: SS

Screen interval: \_\_\_\_\_ Screen length: \_\_\_\_\_ Screen diameter: \_\_\_\_\_ Screen type: \_\_\_\_\_

Type of logs: E Log interval: \_\_\_\_\_

Initial water level: 159 Date: 12/8/99 M.P. description: \_\_\_\_\_

Water Quality Data? \_\_\_\_\_ Source: \_\_\_\_\_ Reliability: \_\_\_\_\_

Water Level Data? \_\_\_\_\_ Source: \_\_\_\_\_ Reliability: \_\_\_\_\_

Pump Test Data? \_\_\_\_\_ Source: \_\_\_\_\_ Reliability: \_\_\_\_\_

Water Use Data? \_\_\_\_\_ Source: \_\_\_\_\_ Reliability: \_\_\_\_\_

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Water level data

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This area for location map and notes

COUNTY WELL LOCATED  
**DESOTO**

WELL NUMBER **3** CODED

**A59**

DATE WELL COMPLETED  
**12/08/99**

*OK Pat 10102*

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY  
**15380**

PERMIT NUMBER  
**MSGW 15380**

NAME OF DRILLING FIRM  
**HERNDON WELL & SUPPLY**

**SHANNON, MS 38868**

Bureau of Land and Water Resources

P. O. Box 10631  
Jackson, MS 39289-0631  
WATER WELL DRILLERS LOG

NAME & MAILING ADDRESS OF LANDOWNER  
**WALLS WATER ASSOCIATION**

**6200 GOODMAN ROAD**

**WALLS, MS 38680**

WELL LOCATION: SEC **25** TOWNSHIP **1** RANGE **9**

DIRECTION **S** NEAREST TOWN **W**

DISTANCE **INSIDE CITY LIMITS**  
Miles \_\_\_\_\_ of \_\_\_\_\_

OTHER LANDMARK  
**LAKE FOREST ESTATES**

WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.  
**MUNICIPAL**

**PUMP DATA**

PUMP TYPE (Circle One):  
Submersible, **Turbine**, Jet, Flowing Well,  
Other (Describe) \_\_\_\_\_

POWER TYPE (Circle One):  
**Electric**, Tractor, Diesel, Gasoline, Butane,  
Other (Describe) \_\_\_\_\_ H/P **100**

Pump Capacity (GPM) **1155** No. of Stages **5** Setting Depth **250** FT.

PUMP TEST

Well yielded **1155** GPM with  
a drawdown of **61.5** ft.  
after **24** hours of pumping

**WELL DATA**

Well Depth **1562** Casing Diameter (In.) **16** Casing Length (FT.) **1481**

Type of Casing **Steel** Hole Depth **1638** Depth to Static Water Level **159**

TYPE OF COMPLETION: (Circle One or More):  
**Gravel Packed**, Underreamed, Telescoped,  
Natural Development, Open Hole, Other

Top of Lap Pipe or Reduction in Casing  
**1418 FEET** IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

**LOG DATA**

TYPE OF LOG RUN (Circle One):  
**Electric**, No Log Run, Gamma Ray, Density, Sonic, Neutron,  
Other (Describe) \_\_\_\_\_

Name of Organization Running Log  
**MS OFFICE OF GEOLOGY**

**SCREEN DATA**

Diameter - Inches **10** Length - Feet **81** Slot Size - Inches **.020**

Screen Type **SS Ribbed** Depth to Bottom - Feet **1562**

**GEOLOGIC DATA (Office Use Only)**

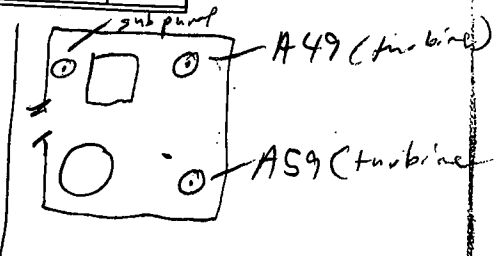
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test

Driller's Remarks

*Lower Wilcox aquifer*

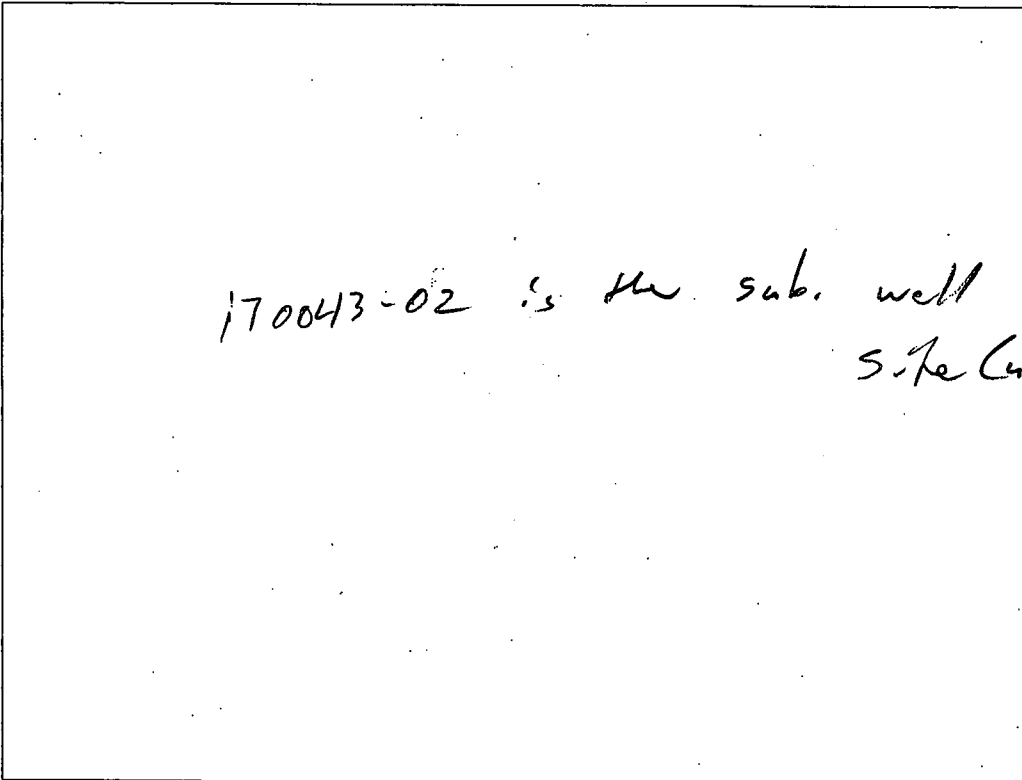
DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
RED SANDY CLAY	0	40	TIGHT SAND, CLAY STRKS	760	1140
COARSE SAND, PEA GRAVEL	40	100	HARD SHALE	1140	1475
BLUE CLAY	100	190	SAND	1475	1578
SANDY CLAY, SAND STRKS	190	360	CLAY	1578	1588
STREAKY CLAY, SAND, LIGNITE			SAND	1588	1630
STREAKS	360	405	CLAY	1630	1638
SAND CLAY STREAKS	405	570			
STREAKED SAND & CLAY	570	760			

**DO NOT REMOVE ORIGINALS**



# Water Well Field Data Form

USGS / FIP A0049-033 County DE SOTO Health # 170043-01 ✓ Aquifer WLCXL  
 Owner WALLS WA Local Name North Well  
FORMERLY LAKE FOREST SUB.  
 Quad Map HORN LAKE Location SW SE SW S25 T1S R9W Elevation 305



*170043-02 is the sub. well at  
 site (unused)*

Measuring Point 1" vent pipe, north side Date 11/15/00 Party WW

USGS #/FIP	A0049033	Party	PEG/JG	Date	7/8/93	Level	-145.93
MP =	2						
USGS #/FIP	A0049033	Party		Date	11/16/82	Level	-143.65
USGS #/FIP	A0049033	Party		Date	11/30/79	Level	-121.37
USGS #/FIP	A0049033	Party		Date	12/1/75	Level	-123.00

Remarks 34.96344°/90.10813°  
Note: old "golf ball"  
water tank removed &  
new tank in place.  
Also new well on site  
(closer to Hwy 302 on south  
side of enclosure)

*water cuts, well has been reworked*

Tape Down #	1	2	3	4
	8 min	12 min	15 min	
Held	180	166	167	
Wet	18.3	5.0	5.86	
Difference	161.7	161.0	161.14	
MP Correction	2.0			
Water Level			159.14	

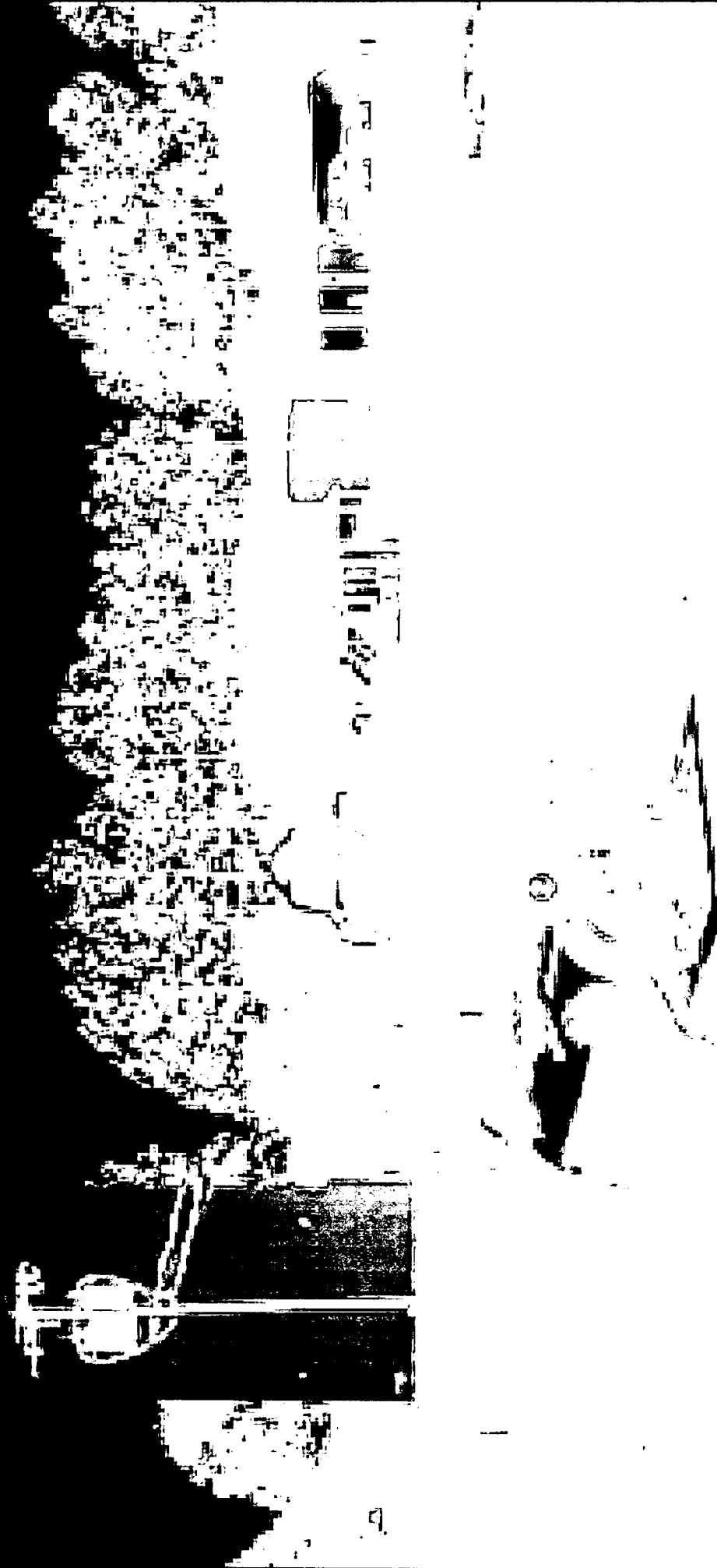
*best cut*

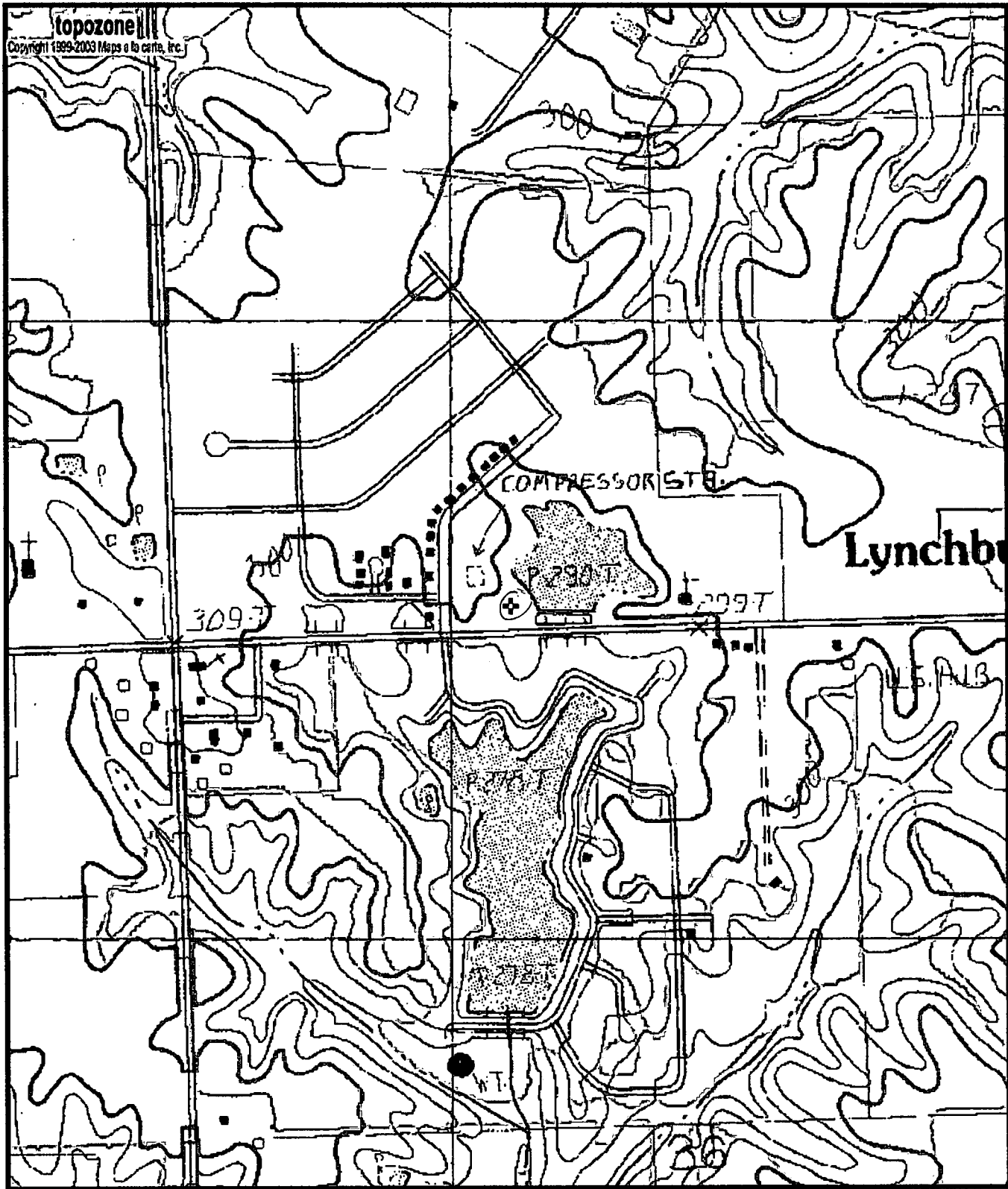
P602 - A49 (170043-01)  
P603 - A (170043-03)  
34.96301°/90.10784°  
Bill Roberson (op '98)  
429-9509 or 781-3722 (work)  
A59

Additional remarks and/or sketches on back (circle if any)

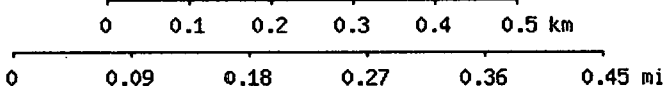
A59

A? . Wwlls WwA. 170043-03. New (south) well. De Soto Co. 11/15/00





0170043-03  
 6W15380  
 A59



Map center is 34° 57' 47"N, 90° 06' 28"W (WGS84/NAD83)  
**Horn Lake quadrangle**  
 Projection is UTM Zone 15 NAD83 Datum

M=0.064  
 G=1.659