

West  
Arkabutla Quad

State Well Report  
Part 1 - Driller's Log

Mississippi Department of Environmental Quality  
Office of Land and Water Resources  
P.O. Box 10631  
Jackson, MS 39289-0631  
(601)961-5210  
(601)354-6938 (fax)

County: TUNICA  
Permit #:  
Driller: Garner Houston  
Date drilling completed: 11/2/07

For Office Use Only:  
Aquifer:  
Well #: E0045  
L. S. Elevation: 190  
E-log #:

State Law requires that this report be prepared by the license holder responsible for the work and filed with the Department at the above address within 30 days of completion of drilling of the well or borehole.

\* USGS  
Obs well  
water level  
monitoring  
Spanta  
#2

Information on Well Owner  
(Landowner if borehole is not for a water well)  
Owner Name: Tunica Co Util Dist  
Mailing Address: P.O. Box 68  
Robinsonville MS 38664  
City State Zip Code  
Telephone No. (662) 363-2117

Well or Borehole Location  
Latitude: 34° 42' 19" Longitude: 90° 4' 24"  
Method of Lat/Long (circle one): Conventional Survey,  
USGS quad, Hand-held GPS, Survey-grade GPS  
NW 1/4 SE 1/4 Sec 27 Twn 4S Rng 10W  
Distance \_\_\_\_\_ Direction \_\_\_\_\_ Nearest Town PRICHARD  
\_\_\_\_\_ Miles \_\_\_\_\_ of \_\_\_\_\_  
Hwy 3 at Prichard elevated Tank

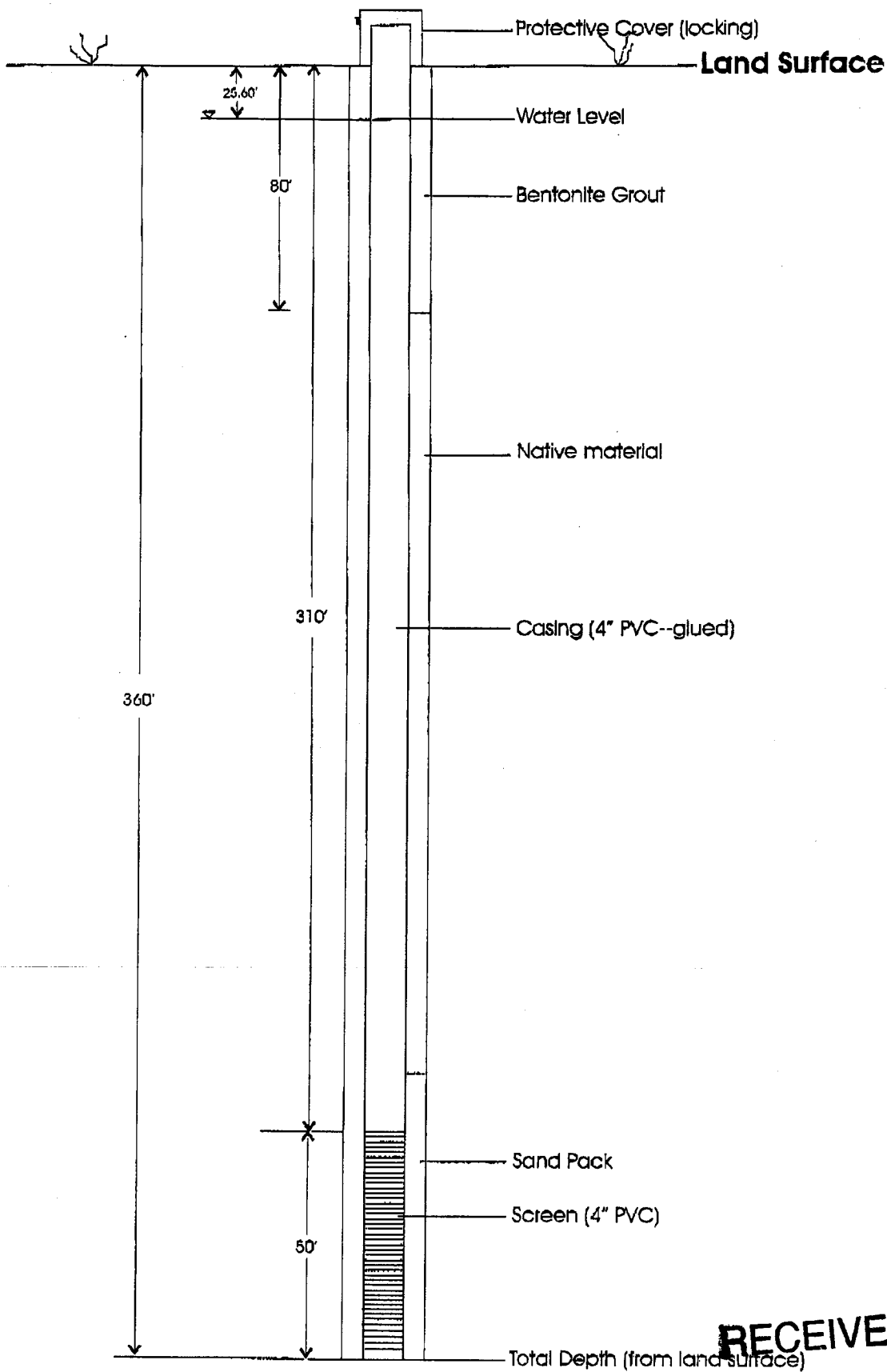
Well / Borehole Data  
Date drilling started: 11/1/07 Date drilling completed: 11/2/07 Hole depth: 360 Hole diameter: 6"  
Location of the source of any surface water used for drilling: \_\_\_\_\_  
Method of dosing and volume of Chlorine used in drilling and development: \_\_\_\_\_  
Logs run (circle all applicable): No log run \_\_\_\_\_ Electric Gamma Ray Density Sonic Neutron Other: \_\_\_\_\_  
Name of organization running logs: \_\_\_\_\_  
Purpose of borehole (check one): Water Well \_\_\_\_\_ Geotechnical/Geological Investigation \_\_\_\_\_ Ground Source Heat Pump \_\_\_\_\_  
Seismic Survey \_\_\_\_\_ Other (describe) \_\_\_\_\_  
*If drilling is not related to water well construction, skip the remainder of this block*

Purpose of Well (check one): Home \_\_\_\_\_ Industrial \_\_\_\_\_ Public Supply \_\_\_\_\_ Irrigation \_\_\_\_\_ Fish Culture \_\_\_\_\_  Other: Obs well  
If a flowing well, method of flow regulation: Valve \_\_\_\_\_ Other (describe) \_\_\_\_\_  
Static Water Level: 25.60 feet above or below (circle one) land surface Date measured: 11/13/07  
Method of Measurement (circle one) steel tape electric tape air line other: \_\_\_\_\_  
Well depth: 360 Well grouted to a depth of 80 feet Type of grout (circle one): Neat Cement Bentonite Mix  
Casing length: 310 feet Casing diameter: 4 inches Type of casing: PVC  
Screen length: 50 feet Screen diameter: 4" inches Type of screen: PVC  
Screen slot size: .010 inches Setting depth: From 310 feet to 360 feet  
Type of completion (circle all applicable): Gravel packed Underreamed Telescoped Open hole Natural Development  
Other (describe): \_\_\_\_\_  
Top of lap pipe or reduction in casing: \_\_\_\_\_ feet. *If telescoped or more than one screen, describe on next page*

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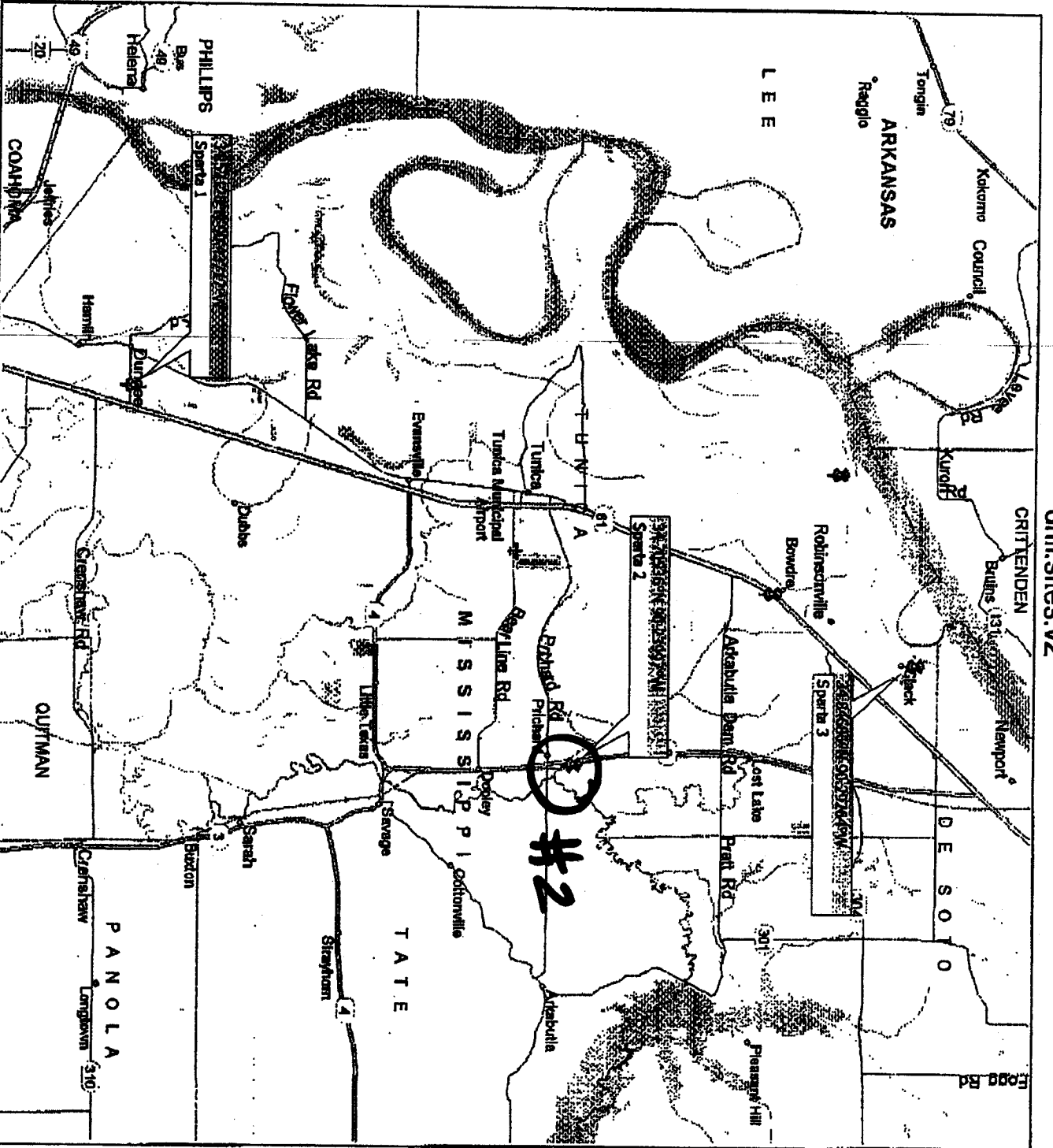




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Schematic of well, **Sparta #2**. (Not to scale)

drill sites.v2



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