

Desoto
 B-69
 GW-15490
 Payne Central

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

September 13 19 2000 Duke Power Desoto
 date well completed firm name county well located

LANDOWNER: Duke Power	description of formations encountered		from	to
	Brown Clay		0	20
	Red Sand & Gravel		20	27
(mailing address)	Sand, Gravel, Clay		27	76
	Hard Blue Clay		76	191
WELL LOCATION:	Fine Sand & Clay Streaks		191	252
sec 22 T 1 N R 8 E	Medium Sand & Clay Strks		252	378
34° 58' 51" N 90° 02' 32" W	Fine Sand & Clay Streaks		378	454
_____ miles _____ of _____	Fine Sand, Clay & Lignite		454	687
(distance) (direction) (nearest town)	Fine Sand, Shale & Lignite Streaks		687	936
WELL PURPOSE: Observation/Leak (home, irrigation, municipal, industrial)	Hard Packed Sand, Shale & Lignite		936	982
WELL COMPLETION DATA:	Sand, Shale & Lignite 1/2 & 1/2		982	1000
(1) diameter (inches) 4"	Sandy Shale & Lignite		1000	1020
(2) total depth (feet) 891'				
(3) static water level (feet) 94' below top of ground.				
(4) casing Steel 870' (material) (depth) 4" (size) if telescope see back.				
(5) screen 20' 870' (length) (depth to top) 4" 304 SS (size) (material)				
(6) pump N/A N/A (HP) (yield gpm) N/A (type power)				
(7) electric log Yes (yes or no) USGS (organization running log)				
(8) how well bottom plugged grout				
DRILLERS REMARKS:				

RECEIVED

DEC 10 2000

Dept. of Environmental Quality
 Office of Land & Water Resources