



MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

WELL SCHEDULE

FIPS: 49

WELL: 4198

LOG NO.: _____

Recorded by: PPhillips Data Source: Permit Driller's log Date: 5/7/03

County: Hinds Permit No.: GW15475 DOH No.: —

Quad: Ridgeland Elevation: 352'

¼: _____ ¼: NW ¼: NE ¼: NW Sec.: 8 T: 6N R: 1E

Plotted on quad?: _____ In field? _____ From drillers log? _____ From permit? _____

Latitude: 32 23 05 Longitude: 90 13 17 GPS? RLB/PEG 4/14/03 From Quad? _____

Primary aquifer: Muwx Secondary aquifer: _____

Use: IN Well status: Active Local well name: Well #1

Owner: Two Twenty (220) Partnership (Duke Energy)

Date completed: 2/15/00 Driller: Griner Drilling Well depth: 1700 Hole Depth: 3022

Pump type: Turbine Power type: Electric Pump capacity: 500 gpm

Casing interval: 0 - 1600 Casing length: 1600 Casing diameter: 16"

Casing interval: 1510 - 1610 Casing length: 100' Casing diameter: 10"

Screen interval: 1610 - 1700 Screen length: 90' Screen diameter: 10"

Screen interval: _____ Screen length: _____ Screen diameter: _____

Type of logs: E, GR Log interval: _____

Initial water level: 126.00 Date: 2/15/00 M.P. description: _____

Water Quality Data? _____ Source: _____ Reliability: _____

Water Level Data? _____ Source: _____ Reliability: _____

Pump Test Data? _____ Source: _____ Reliability: _____

Water Use Data? _____ Source: _____ Reliability: _____

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Office of Land and Water Resources

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

COUNTY WELL LOCATED	
HINDS	
WELL NUMBER	CODED
NO. 1	
H-198	
DATE WELL COMPLETED	
02-15-00	

PERMIT NUMBER
MS-6w-15475
NAME OF DRILLING FIRM
Griner Drilling Service

NAME & MAILING ADDRESS OF LANDOWNER			
DUKE ENERGY HINDS, LLC			
PO BOX 9427			
JACKSON	MS	39286	
WELL LOCATION	SEC	TOWNSHIP	RANGE
	8	6 (N)	1 (E)
		S	W
DISTANCE	DIRECTION	NEAREST TOWN	
3 Miles	WEST	of I-55	
OTHER LANDMARK			
BEASLEY ROAD			
WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc.			
INDUSTRIAL			

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 125		
Pump Capacity (GPM)	No of Stages	Setting Depth
500	11	713.06 FT.
PUMP TEST		
Well yielded 750 GPM with		
a drawdown of 154.8 ft.		
after 50 hours of pumping		

WELL DATA		
Well Depth	Casing Diameter (in)	Casing Length (Ft)
1700'	16"	1600'
Type of Casing	Hole Depth	Depth to Static Water Level
STEEL	1700'	126.00'
TYPE OF COMPLETION: (Circle One or More):		
(Gravel Packed, Underreamed, Telescoped, Natural Development, Open Hole, Other)	(Describe)	
WELL GROUTED TO A DEPTH OF 1600 FEET		
Type Grout (circle one): Cement, Bentonite, or (Mix)		

LOG DATA		
TYPE OF LOG RUN (Circle One):		
(Electric, Gamma Ray) Density, Sonic, Neutron,	No Log Run,	
Other (Describe)		
Name of Organization Running Log		
BAKER HUGHES		

SCREEN DATA		
Diameter - inches	Length - Feet	Slot Size - inches
10"	90'	0.016"
Screen Type	Depth to Bottom - Feet	
304 STAINLESS	1700'	

GEOLOGIC DATA (Office Use Only)			
Surface Elev	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks			
WELL NO. 1 <i>Received</i>			
<i>3-14-01</i>			
Top of Lap Pipe or Reduction in Casing			
1510 FEET			
IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE			

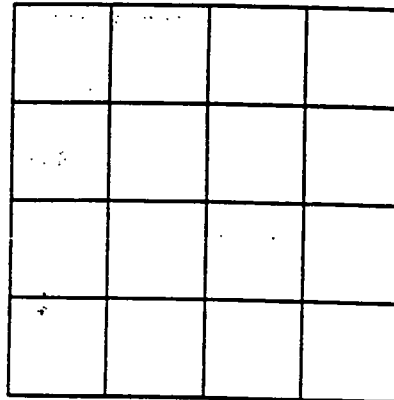
DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	
			FROM	TO
tan clay	0	10	sand w/clay stks	443 475
tan & orange clay	10	25	clay	475 570
clay	25	32	clay w/stk of sand & shale	570 602
gray-greenish clay	32	50	stk of sand, clay & shale	602 633
gray clay	50	67	clay	633 760
clay	67	286	shale & clay	760 792
clay w/sand streaks	286	318	sand	792 855
shale w/stk sand & lignite	318	349	sand w/clay stks	855 887
sand w/stk of lignite	349	380	clay w/sand stks	887 919
stk. of sand & clay	380	411	sand	919 950
clay	411	443		

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please sketch and show depths.

GROUND LEVEL

DESCRIPTION	FROM	TO
sand w/hard clay stks	950	982
sand	982	1014
sand w/clay stks	1014	1076
sand	1076	1202
sand w/clay stks	1202	1234
clay	1234	1518
hard clay w/shale & clay stks	1518	1549
clay	1549	1582
clay w/sand stks	1582	1614
sand	1614	1677
sand w/clay stks	1677	1709
clay w/shale stks	1709	1741
sand, clay & shale stks	1741	1772
shale & clay stks	1772	1804
clay	1804	1921
sand, shale & clay stks	1921	1963
clay w/sand & shale stks	1963	1994
clay	1994	2184
clay w/sand stks	2184	2216
sand & clay stks	2216	2248
hard clay	2248	2280
hard clay w/sand & shale	2280	2312
sand, shale & clay stks	2312	2343
clay w/sand stks	2343	2374
hard clay & shale	2374	2405
clay w/sand & clay stks	2405	2437
sand & clay stks	2437	2532
clay	2532	2627
clay w/sand stks	2627	2659
sand & clay stks	2659	2722
clay	2722	2754
clay w/sand	2754	2786
sand & clay stks	2786	2849
clay	2849	2880
sand & clay stks	2880	2944
clay	2944	3022



SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

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

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR-
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME (S): RLB PG DATE :4-14-2003

UNIT DEQ #: _____ FILE #: _____

HEALTH DEPT. #: _____ ELEVATION :

USGS #: H198 OLWR #:GW15475

OWNER : 220 PARTNERSHIP/DUKE

QUAD : ^{Ridge Land}JACKSON

LOCATION : _____ S _____ T _____ R _____ COUNTY

LOCATION DESCRIPTION : ON LEFT SIDE OF ROAD AS YOU ENTER PLANT
SITE, OFF OF BEASLY ROAD.

CASING DIA : PUMP TYPE & SIZE :

GPS FIELD LOCATION : LAT. 32.38482 LONG. -90.22142

GPS CORRECTED LOCATION : LAT. LONG.

REMARKS : P00868PSD

WELL NO. 1 , PUMP A

32° 23' 05.3" 90° 13' 17.1"

220 LMT. PARTNERSHIP DEPT H198

GW15475 HINDS CO. W. VA. NO. 1

PUMP A 4-14-2003



Target is 32° 23' 05"N, 90° 13' 17"W - RIDGELAND quad [Quad Info]

