



MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

WELL SCHEDULE

FIPS: 49

WELL: H202

LOG NO.:

Recorded by: PPhillips Data Source: Driller's log Date: 5/7/03
County: Hinds Permit No.: GW15478 DOH No.:
Quad: Ridgeland Elevation: 346
1/4: SE 1/4: SE 1/4: SW 1/4: NW Sec.: 8 T: 6N R: 1E

Plotted on quad?: In field? From drillers log? From permit?
Latitude: 32 22 41 Longitude: 90 13 23 GPS? 4/14/03 From Quad?
Primary aquifer: MUWX Secondary aquifer:
Use: 1N Well status: Active Local well name: Well #4
Owner: Two-Twenty (220) Partnership (Duke Energy)

Date completed: 8/3/00 Driller: Griner Drilling Well depth: 1690 Hole Depth: 1800
Pump type: Turbine Power type: Electric Pump capacity:
Casing interval: 0-1564' Casing length: 1564' Casing diameter: 20"
Casing interval: 1464'-1574' Casing length: 100' Casing diameter: 10"
Screen interval: 1574'-1690' Screen length: 116' Screen diameter: 10"
Screen interval: Screen length: Screen diameter:
Type of logs: E, GR Log interval:
Initial water level: 128.54' Date: 8/3/00 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 NO. 4	CODED
H-202	
DATE WELL COMPLETED 8-3-00	

PERMIT NUMBER MS-6W-15478
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) 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 _____		
Pump Capacity (GPM)	No. of Stages	Setting Depth
		FT.
PUMP TEST		
Well yielded 250 GPM with		
a drawdown of 202.8' ft.		
after 24.5 hours of pumping		

WELL DATA		
Well Depth 1690'	Casing Diameter (In.) 20"	Casing Length (Ft.) 1564'
Type of Casing STEEL	Mole Depth 1690	Depth to Static Water Level 128.54
TYPE OF COMPLETION: (Circle One or More): (Gravel Packed, Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) _____		
WELL GROUTED TO A DEPTH OF 1690 FEET Type Grout (circle one): Cement, Bentonite, or (Mix)		

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

SCREEN DATA		
Diameter - Inches 10"	Length - Feet 116	Slot Size - Inches 0.016"
Screen Type 304 STAINLESS	Depth to Bottom - Feet 1690'	

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. 4 Received 3-14-01			
PERMANENT PUMP NOT BOUGHT YET			
Top of Lap Pipe or Reduction in Casing 1464 FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE			

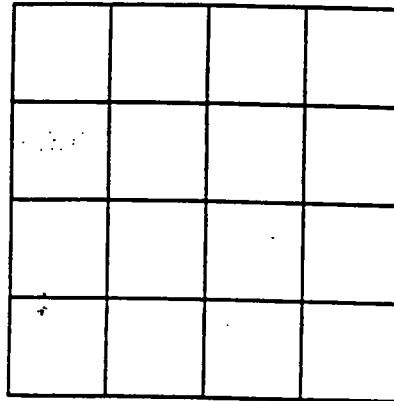
DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
surface casing	0	63	clay	628	692
clay w/sand stks	63	93	clay w/rock & sand stks	692	724
sand & clay stks	93	124	clay w/sand shale stks	724	756
clay & sand stks	124	218	sand w/lignite	756	788
gray clay	218	250	sand w/lignite & shale	788	851
sand & clay mixed	250	282	sand w/lignite & clay	851	883
clay & sand stks	282	313	sand & lignite	883	914
sand & clay stks	313	408	sand w/lignite & shale	914	946
clay & sand stks	408	439	sand & lignite	946	978
sand & clay stks	439	596	sand & clay stks	978	1010
red clay	596	628			

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please sketch and show depths.

GROUND LEVEL

DESCRIPTION	FROM	TO
clay w/sand stks	1010	1041
sand & lignite	1041	1072
sand	1072	1104
sand w/clay stks	1104	1167
clay w/sand & lignite stks	1167	1198
sand & clay mixed	1198	1230
sand & clay stks	1230	1261
clay	1261	1325
clay w/sand stks	1325	1388
clay	1388	1420
clay & shale	1420	1453
clay w/sand stks	1452	1484
clay	1484	1515
clay w/sand stks	1515	1547
sand w/clay & shale	1547	1579
shale w/sand stks	1579	1610
sand	1610	1737
sand & clay stks	1737	1769
clay w/sand & shale stks	1769	1800



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 DC DATE : 4-14-2003

UNIT DEQ # : _____ FILE # : _____

HEALTH DEPT. # : _____ ELEVATION :

USGS # : H202 OLWR # : GW15478

OWNER : 220 PARTNERSHIP/DUKE

QUAD : JACKKSON
Ridge Land

LOCATION : _____ S _____ T _____ R _____ COUNTY HINDS

LOCATION DESCRIPTION : IN BACK OF PLANT , LEFT SIDE OF PLANT
LOOKING NORTH

CASING DIA : PUMP TYPE & SIZE :

GPS FIELD LOCATION : LAT. 32.37801 LONG. 90.22268

GPS CORRECTED LOCATION : LAT. LONG.

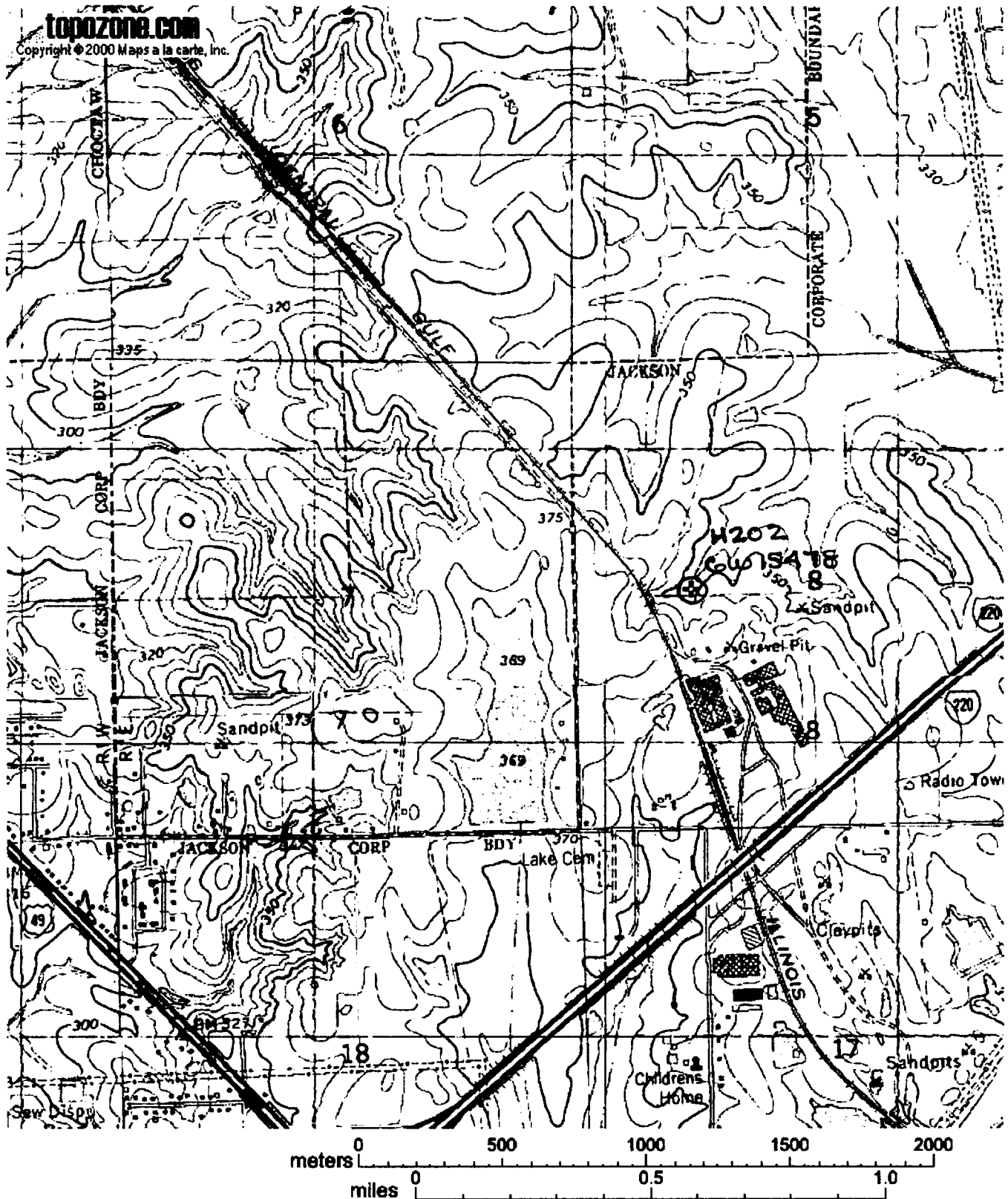
REMARKS : P000874 WELL NO 4 , PUMP E



220 lmt PARTNERSHIP/PUL
GW 15478 WELL 4 PUMP E HL C
4-14-2003



Target is 32° 22' 41"N, 90° 13' 22"W - RIDGELAND quad [Quad Info]



Burley Rd

Well No. 2
Lat 322305
Long 901323
GW 15476
H200

RAW WATER
Pump B

32.38467 m 32 23' 5"
090.22309 90.13' 23"

Pic 3 & 4

P000869 PSD

Well No. 1
GW 15475
H198

RAW WATER
Pump A

32.38482 m 32 23' 05"
090.22142 90.13' 17"
Pic # 1 & 2

Lat 322305
Long 901317

Note: Well Locations Approximate

Hinds Energy Facility

P000868 PSD

P000876 bmp

Well No. 5
GW 15477
H203

Pic 9 & 10 32.38113 90.21992

m 32 22' 52" 90 13' 12"

P000873 Pump E

P000874 PSD

Pic 7 & 8

GW 15478 Pump E

H201 32.37801
90.22268

Lat 322240 m 32 22' 41"
Long 901321 90 13' 22"

Well No. 4

P000872 PSD

Pic 5 & 6

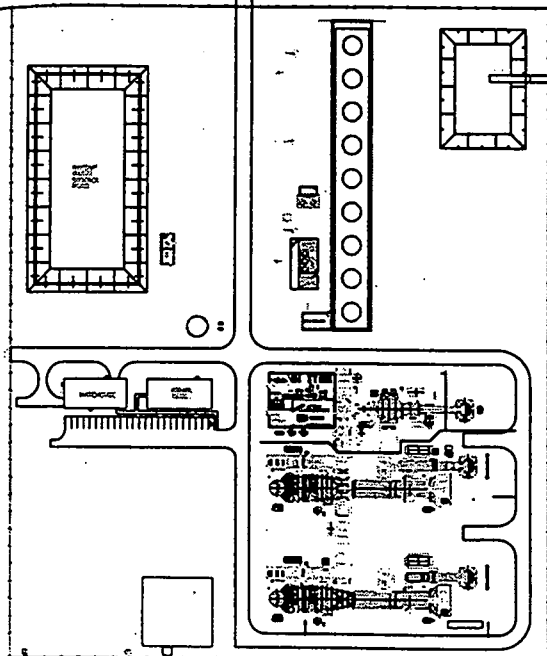
32.37816
Pump D 090.21831

H201 m 32 22' 42"
GW 15479 90 13' 06"

Lat 322241

Long 901306

Well No. 3



DUKE/LWOR DANIEL				HINDS ENERGY FACILITY Figure ES-1 SITE PLAN WITH WELL LOCATIONS			
DATE: 11/11/09				SCALE: AS SHOWN			
DRAWN BY: [Name]				CHECKED BY: [Name]			
APPROVED BY: [Name]				DATE: 11/11/09			

110.549 April 14-2003 - SW L @ Fair grounds - Probe

$$\text{Hold } 115. - 3.4 = 111.6 - 1 = 110.6$$

115.0
3.4
111.6
110.6