

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Land and Water Resources

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

SITE #2
Well #1

COUNTY WELL LOCATED ATTALA		PERMIT NUMBER
WELL NUMBER K-50	CODED	NAME OF DRILLING FIRM Griner Drilling Serv
DATE WELL COMPLETED 5-5-2000		Columbia, Ms.

NAME & MAILING ADDRESS OF LANDOWNER William Cain M Adams Project		
R#2 Box 48 Sallis, Ms.		
Latitude: 330119N	Longitude: 39160	
WELL LOCATION SEC TOWNSHIP RANGE NE NW SE 36 14 N 4 E W		
DISTANCE 50 yards	DIRECTION east of	NEAREST TOWN Big Black R
OTHER LANDMARK S of RR Bridge		
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. Test/Observation		

PUMP DATA

PUMP TYPE (Circle One):
Submersible, Turbine, NA Flowing Well,
Other (Describe)

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

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
Clay	0	20
Sand	20	40
(SE of Durant) Sand	40	60
Sand	60	80
Sand w/ clay Stks	80	100
Sand w/ clay Stks	100	160
Sand	180	240
Clay	240	320
Clay w/ rocks	320	360
Clay rock	360	380
Sand w/ soft rock	380	400
Sand	400	420
Sand w/ clay Stks	420	440
Sand w/ clay rock	440	460
Rock w/ clay Stks	460	480
Sand	480	500
Sand w/ clay Stks	500	520
Clay + Rock	520	560
Rock + Clay	560	580
Clay	580	600

WELL DATA

Well Depth 209	Casing Diameter (In.) 4"	Casing Length (Ft.) 189'
Type of Casing PVC	Hole Depth 600	Depth to Static Water Level 23'
TYPE OF COMPLETION: (Circle One or More): Gravel Packed, Underreamed, Telescoped, <u>Natural Development</u> , Open Hole, Other (Describe)		
WELL GROUTED TO A DEPTH OF _____ FEET Type Grout (circle one): Cement, Bentonite, or Mix		

SCREEN DATA

Diameter - Inches 4"	Length - Feet 20'	Slot Size - Inches .010
Screen Type SS	Depth to Bottom - Feet 209	

Top of Lap Pipe or Reduction in Casing

FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

I certify that the well was drilled, constructed and completed in accordance with all applicable Requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

Signature of Licensed Driller and License No.

Date

Additional Information Required On Back

If well telescopes please sketch and show depths.

GROUND LEVEL

SITE #2 WELL #1

Well located near
Barn behind Cain
Home

3 observation wells
on Cain Property

2 - near River
1 - behind Cain Home

Boyette Community
SE of Durant
east side of
Big Black River

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

SECTION 36

Please indicate well location X.

Pump Capacity (GPM)	No. of Stages	Setting Depth	FT.
NA			

PUMP TEST

Well yielded NA GPM with
a drawdown of _____ ft.
after _____ hours of pumping

LOG DATA

TYPE OF LOG RUN (Circle One): No Log Run.
 Electric, Gamma Ray, Density, Sonic, Neutron.
 Other (Describe) Office of Geology

Name of Organization Running Log

MSG

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks

Well left as request
by owner to be used
for domestic use

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 ATTALA	
WELL NUMBER K	CODED
DATE WELL COMPLETED 5-5-2000	

PERMIT NUMBER
NAME OF DRILLING FIRM Griner Drilling Serv
Columbia, Ms.

NAME & MAILING ADDRESS OF LANDOWNER William Cain M Adams Project	
R#2 Box 48 Sallis, Ms.	
Latitude: 330119N	39160
Longitude: 895009W	
WELL LOCATION	SEC TOWNSHIP RANGE
NENEWSE	36 14 S 4 E
DISTANCE	DIRECTION NEAREST TOWN
50 yards	East of Big Black R.
OTHER LANDMARK off RR Bridge	
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. Test/Observation	

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Sand w/ clay Stks	500	520
Clay & Rock	520	560
Rock & Clay	560	580
Clay	580	600

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2-near River

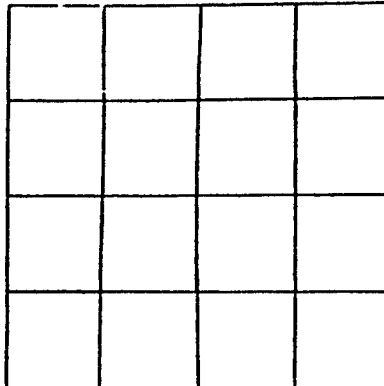
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Subs. SWL	Date	Analysis	Aquifer Test

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by owner to be used
for domestic use

GRINER DRILLING SERVICE, INC.

TELEPHONE 601/736-6347

P. O. DRAWER 825

COLUMBIA, MS 39429

PAGE 1 OF 2

FORMATION LOG FOR DUKE ENERGY - ATTALA COUNTY

TEST HOLE NO. <u>3</u>	ADDRESS _____
	TEST HOLE LOCATION <u>CAIN PROPERTY</u>

FORMATION AND TEST HOLE INFORMATION

TOTAL DEPTH	THICKNESS EACH STRATUM	FORMATION	REMARKS
20	20	CLAY	
40	20	SAND	
60	20	SAND	
80	20	SAND	
100	20	SAND WITH CLAY STREAKS	
120	20	SAND WITH CLAY STREAKS	
140	20	SAND WITH CLAY STREAKS	
160	20	SAND WITH CLAY STREAKS	
180	20	SAND	
200	20	SAND	
220	20	SAND	
240	20	SAND	
260	20	CLAY	
280	20	CLAY	
300	20	CLAY	
320	20	CLAY	
340	20	CLAY WITH CLAY ROCK	
360	20	CLAY WITH CLAY ROCK	
380	20	CLAY ROCK	
400	20	SAND WITH SOFT ROCK SAND	
420	20	SAND	
440	20	SAND WITH CLAY STREAKS	
460	20	CLAY WITH CLAY ROCK	
480	20	ROCK WITH CLAY STREAKS	
500	20	SAND	
520	20	SAND WITH CLAY STREAKS	

Date Started _____ Date Completed _____

Field Engineer
Driller

GRINER DRILLING SERVICE, INC.

TELEPHONE 601/736-6347

P. O. DRAWER 825

COLUMBIA, MS 39429

PAGE 2 OF 2

FORMATION LOG FOR DUKE ENERGY - ATTALA COUNTY

TEST HOLE NO. <u> 3 </u>	ADDRESS _____ TEST HOLE LOCATION <u> CAIN PROPERTY </u>
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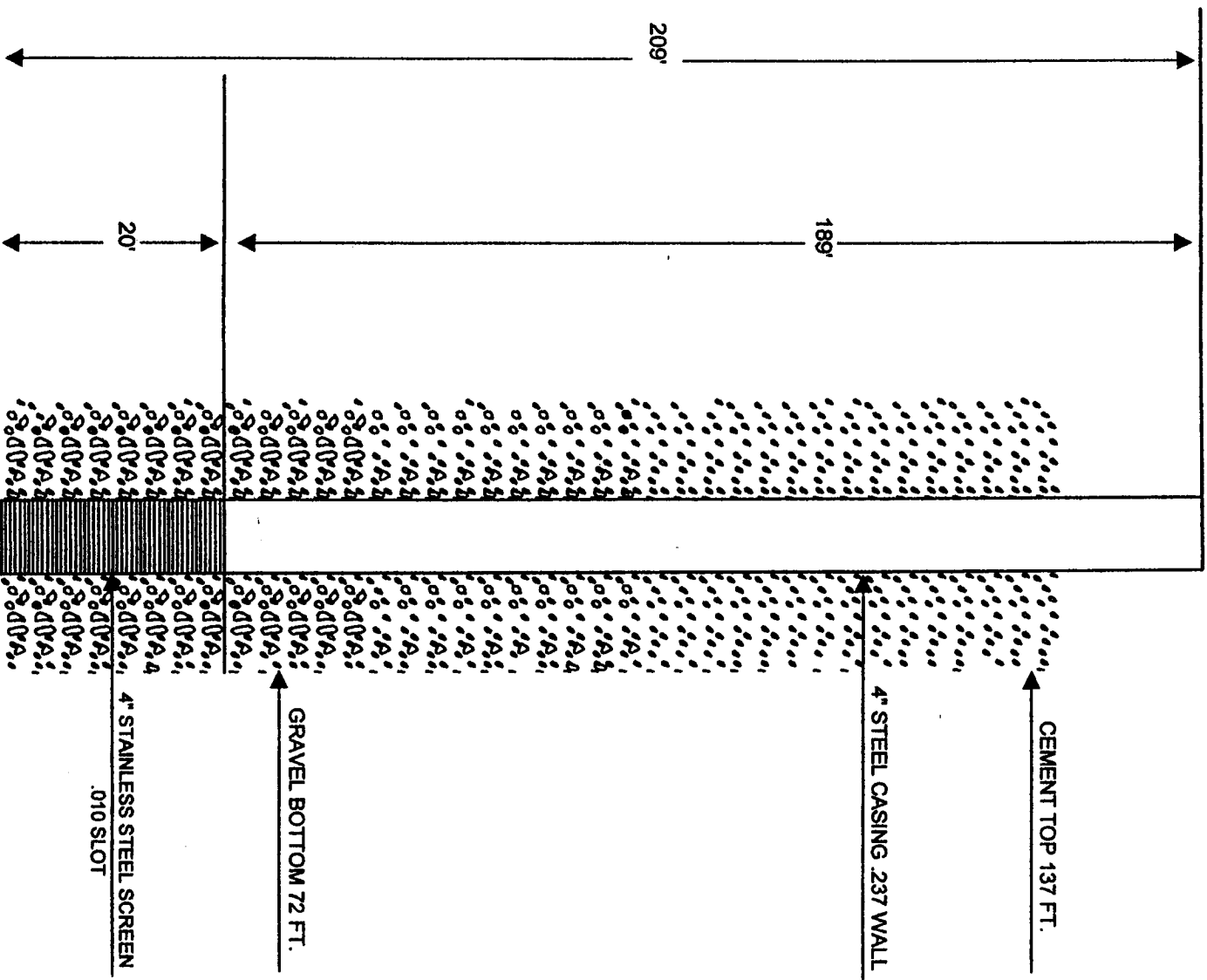
FORMATION AND TEST HOLE INFORMATION

TOTAL DEPTH	THICKNESS EACH STRATUM	FORMATION	REMARKS
540	20	CLAY AND ROCK	
560	20	CLAY AND ROCK	
580	20	ROCK AND CLAY	
600	20	CLAY	

Date Started _____ Date Completed _____

Field Engineer
Driller

DUKE ENERGY - ATTALA COUNTY, MISSISSIPPI
GAIN PROPERTY SECTION 36 TOWNSHIP 14 N RANGE 4 E - NE/4, NW/4, SE/4, SW/4
WELL OBSERVATION, SITE NO. 2, WELL NO. 1
~~LOCATED ON WEST END OF FIELD 90 FT. SOUTH OF 250 FT. WELL~~ (NEAR BARN BEHIND GAIN HOME)
FORMATION: SPARTA



MISSISSIPPI OFFICE OF GEOLOGY
 2525 North West Street
 Jackson, Mississippi

DRILLING CONTRACTOR:
 GRINER DRILLING
 COLUMBIA, MS

CLIENT/OWNER: DUKE ENERGY
 CAIN PROPERTY SITE #2, T. H. #1 *EAST*

ELOG FILE#: P-004
 SEC: 36 TWN: 14N RNG: 4E
 NE/4, NW/4, SE/4, SE/4
 LAT: 330119N LNG: 895009W
 ELEV: 261' DATE: 5-3-2000
 COUNTY: ATTALA
 STATE: MISSISSIPPI

Behind House

BOREHOLE DATA
 FLUID LEVEL: GROUND LEVEL
 DATE DRILLED: 5-3-2000 TIME SINCE CIRC:
 DRILL METHOD: MUD ROTARY
 VISCOSITY: HOLE MEDIUM: FLUID
 MUD TYPE: NAT/GEL
 WEIGHT: Rm of Deg
 LOGGER TD: 600' DRILLER TD: 600' DEPTH REF: GROUND LEVEL

RUN	BIT RECORD			CASING RECORD			
	NO.	Bit Size	From	To	Size/Wgt/Thk.	From	To
1							
2							

GENERAL DATA

LOGGED BY: C. MAGEE
 WITNESS: GREAVES, OAKLEY
 DIGITAL FILE NAME(S)

OTHER SERVICES:
 UNIT/TRUCK: MT SOPRIS #001

REMARKS:

LOGTYPE: 8",16",32",64" Normal, SP, Single Point Resistance, Gamma

