

9-185
(October 1950)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

WELL SCHEDULE

Date Oct 2, 1956 Field No. _____
Record by Exp. Boswell Office No. N26
Source of data sat on well

1. Location: State Miss County Hinds
Map County
SW 1/4 SE 1/4 sec. 9 T 5 N R 1 E

2. Owner: General Elec. Co Address Jackson Miss
Tenant _____ Address _____
Driller Hood, Layne Central Address Jackson Miss

3. Topography Terrace

4. Elevation 278.5 ft. above msl GE layout map
below (Ground)

5. Type: Dug drilled driven, bored, jetted Oct 19 56

6. Depth: Rept. 748 1/2 ft. Meas. _____ ft.

7. Casing: Diam 2 in., to 8 in., Type _____
Depth _____ ft., Finish 63(?) x 8 screen

8. Chief Aquifer Sparta From 66 ft. to 748 ft.
Others Cockfield 295-300; Sparta 505-525

9. Water level: 140 ft. rept Oct 1956 above below
mess. _____ which is 0-5-2 ft. above below surface

10. Pump: Type Turbine Capacity _____ G. M.
Power: Kind Elec. Horsepower 50

11. Yield: Flow 500 G. M., Pump * G. M., Meas., Rept. Est. _____
Drawdown _____ ft. after _____ hours pumping _____ G. M.

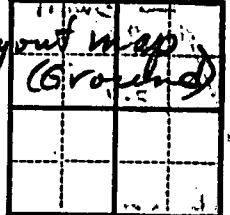
12. Use: Dom., Stock, ES., RR. Ind. Irr., Obs. mostly for cooling
Adequacy, permanence present use about 1,000,000 gal

13. Quality _____ Temp 81
Taste, odor, color _____ Sample Yes No

Unfit for _____

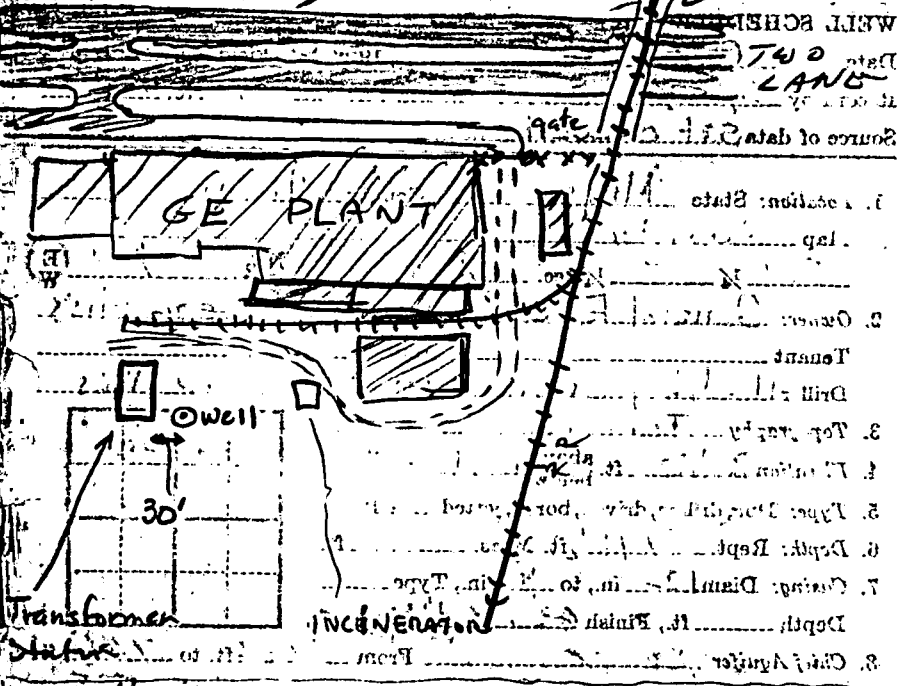
14. Remarks: (Log, Analyses, etc.) * 500 gpm guaranteed
Samples collected 6/10/57 Well in use
steadily 16 hrs/day

Pump found 42" above ground.



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WELL SHEET
Date *2/21/31*
LAND



1. Section State	
2. Owner	
3. Topography	
4. Well location	
5. Type of well	
6. Depth	
7. Diameter	
8. Chief Engineer	
9. Water level	<i>21.93' below</i>
10. Pump Type	<i>1.016' capacity</i>
11. Field Flow	<i>0.056' G.M. Pump</i>
12. Cost	<i>1,284.00</i>
13. Analytical	<i>1,284.00</i>
14. Remarks	<i>Water well on the average</i>

100.00 Ext. Power cost
25.00 / yr for tap in fee

Jan 27, 000
Feb 77, 000
Mar 86, 000
Apr 0, 056, 000
May 1, 060, 000
June 1, 284, 000
July 1, 196, 000
Aug 1, 164, 000
Sept 1, 103, 000
Oct 1, 097, 000
Nov 1, 036, 000
Dec 778, 000

From Sample Study

Sample 1	0 - 30	Alluvial sand - coarse
2	30 - 80 ±	Clay grey, Fossiliferous Little glauconite, May in - clude top part of noddy branch.
3	88 - 111	Sand and clay, very fossiliferous. Abundant glauconite Some dark brown clay. May be into Cockfield in this interval.
4	111 - 133	Sand and shale, sand fine grained. Shale is sandy gray to brown micaceous Some lignite.
5	133 - 156	Some
6	156 - 169	Sand fine to med grained micaceous
7	169 - 179	Sandy shale gray to brown considerable lignite
8	179 - 202	Sand and shaly sand gray to brown. Fine grained sand with lignite

Generally shaly

2023210	2211	Fine sand, shale
210-212		Sand & shale
212-213		Rock
212-213		Fine sand, shale streaks
212-214		
219 - 249		Sand, shale streaks at 1 - sandy shale
247 - 269		Sand & shale
270 - 280		Sand & shale, becoming sandier
280 - 282		Shale, silty & sand
287 - 292		Sand, shale streaks
295 - 317		Sand to 295 Fine, sharp, micaceous Sandy shale & sand
316, 9		
329		Sandy shale, lignite at 5, looking over

210 - 295
 6'8" to top rock
 Shale 339'9" - 345'7" 22'11"
 Rock 345'7" - 346'7" 36'11" 10"
 Shale 346'7" - 361'10" 346'7" - 361'10"
 Shale 361'10" - 370'5" 22'
 Rock 370'5" - 384' 22'
 Hard shale, dk green gray 384' - 395' 22'
 Same 395' - 400' 22'
 Sand 400' - 407' 22'
 Light gray sandy shale 400' - 407' 22'
 (glauco. sandy marl or ls?) 407' - 429' 22'
 Same to 425' 22'
 Rock 425' - 429' 22'
 or hard shale
 Hard Campanina 429' - 451' 22'
 Rock 451' - 455' 22'
 429' - 455' shale Campanina

489-493 451'5"
 Thin sh - 1'±
 Rock - 2" ±
 Sandy shale + Gummy shale 433-440
 Rock 440-443
 Shale 443-451
 Shale, gummy - 451-462
 no lig but much glauc.
 brown sh + marl? (Crappy)
 Gummy shale (Mally) 451'5"
 Marl, very glauc - 476'1" 23
 476'5"
 Rock 476' 28 0
 Shale 476' 28 0
 Gummy shale, possible
 streaks fine sds 476-497 23 R
 Shale + sd streaks 497-505 52 0 5 1
 fine sand, coarsest
 (medium - 20) 505-520
 Sand 520-526 23
 Sand, flint 526-531 54 3 5
 Sand, sh st 531-535
 Sand sh st
 Str. Light 535-539
 Sand, sh sh. 539-543
 566 3

FE-12X well

Sand (sh) 543-549

Sand/shale 549-566

Sandy shale 566-572

Sand + shale streaks

Black lignite, some peat. 572-589

Sand + shale streaks

Shale capped to base must be from direct part

Shale (sdy) 611-623

Shale, shale streaks 623-628

fine sand, shale streaks 628-633

fine sand 633-639

Behr " 639-656

Sand (all w/shale streaks)

656-662 Sand, sh streaks

662-668 Sand

668-672 Sand

672-679 Sand

679-686 Sand

679-702
finer than preceding joint

stand 904 702-708'

Sand better 708-714'

Sand 714-725'

Sand (shale streaks) 725-745'

Sand, good SHALE 745-748'

748-771'

Bottom 771-6

670

743

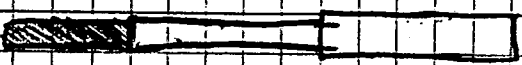
670

78'

170

143

133



about 250

Preliminary Log
e/ 280T

Started 9-27-56
Empire 19-2-56
d/r/r. - Hood
Layne Central Co.

Terrace deposits:

Top soil, RED + YELLOW CLAY
with about 1' coarse sand
+ gravel (pea gravel) 0-30

1/2-300' clay:

Hard blue-gray clay
Soft Rock or hard shale
Woody's Branch; 78-80

Sand, very glauconitic; shells,
pebbles + shale 80-92

Same, with streaks lignite
near bottom

Cockfield fm: (Lignite above
may be in Cockfield) 92-96

Sandy shale (fine sand +
sandy shale + clay streaks); dark
red-brown "peat" + lignite strk 96-134

Sandy Shale (sand + shale about
half + half)

Same 134-159

Soft shale, lignite streaks
and "peat" 169-189

Fine sand, shale streaks 189-212

Fine sand 210-212
Soft Rock 212-213

Sandy shale or fine sand +
shale in streaks 213-247

Same 247-270

Sand + shale ^{streaks} becoming sandier
for sandy siltites + sandy shale 270-280

Sand, fine, sharp, micaceous
with shale streaks 280-287

Sandy shale, sand streaks 287-295

Sandy shale 295-317

Shale, gummy 317-335

Shale 335-346

COKE 346-354

Shale, soft, dark 354-371

Rock 371-400

Shale, hard, dark green-gray
Camarine ls (?) sandy, - 400-425
light colored marl (?) sandy, - 425-428
brittle, glauconitic (some fossils, ~~some~~)
~~very hard shale~~ 425-428

Rock 429-431

Shale + Thin rock layer 431-437
Shale, brown, gummy 437-442

Rock 440-443
 Shale (Sample 438-451 is poor) 443-451
 hole cogs, etc.
 Shale, gummy, glauconitic, 451-462
 and marl, gray. Fossils.
 Marl, gray, glauconitic
 and very fossiliferous 462-476
 Rock? 476-476 1/2
SPALIA?
 Shale, brown, gummy,
 streaks very fine sand 476 1/2-497
 Shale, brown, streaks fine sd 497-505
 Sand, white, sharp, fine
 at top becoming medium
 to coarse at bottom 505-526
 Sand, shale streaks 526-536
 Sand, shale streaks &
 streak black lignite 536-539
 Sand Shale streaks 539-566
 Shale and sand streaks 566-572
 Sand, shale streaks, lignite
 and peat 1/4 thin layers 572-589

fine Sand, shale streaks 611-633
 Fine shaly sand 633-639
 sand, less shale 639-656
 Sand, fine to medium,
 shale streaks 656-666
 Sand, white med. to
 med. fine, micaceous
 and opaque minerals
 (this lignite streak 670-679 (new)) 666-679
 Same 679-702
 same 702-745
 Shale 745-748 1/2

12" x 8" well 748
 500 ppm guar. $\frac{666}{182}$
 Csg to 670
 Bottom 743

June 1960

Pumping 388 GPM

Pump level 175

Shut off - 166.90

Near static 166.4

206 drawdown @ 388
~~167 static~~
~~39' drawdown~~

39 | 388
342

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR-
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

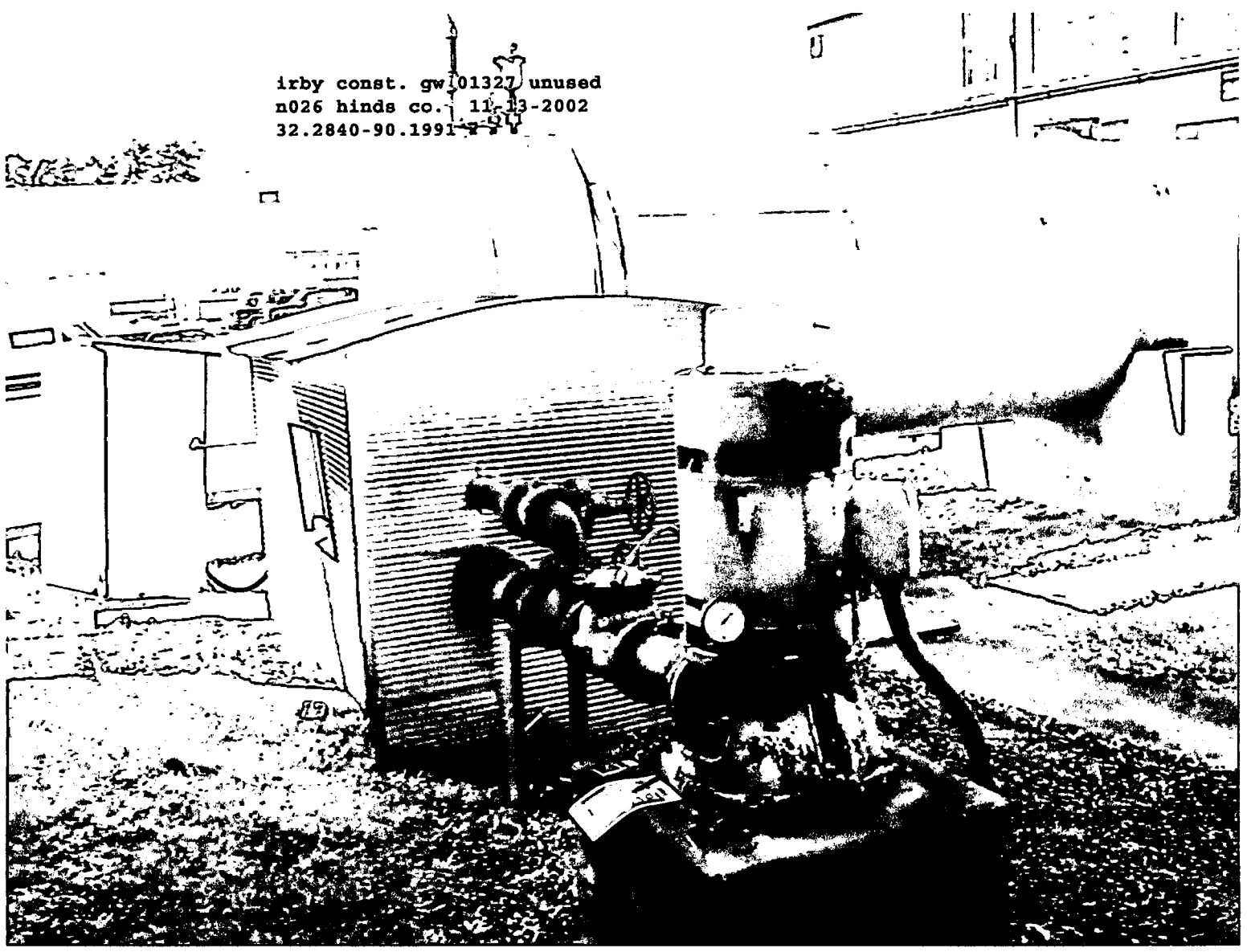
USER NAME (S) : RLB DATE : 11-9-2002
UNIT DEQ # : _____ FILE # : _____
HEALTH DEPT. # : _____ ELEVATION : _____
USGS # : n026 OLWR # : ms-gw-01327
OWNER : irby const. QUAD : jackson
LOCATION : _____ S _____ T _____ R _____ COUNTY hinds
LOCATION DESCRIPTION : unused behind plant

CASING DIA : PUMP TYPE & SIZE : _____
GPS FIELD LOCATION : LAT. 32 17 2.3 LONG. -90 11 56.6
GPS CORRECTED LOCATION : LAT. 32.2840 -90.1991
REMARKS : p000819psd

Static water level taken jan20-2003 rlb and pg

Hold 275, mp -19.5=255.5, -gl 2.35=swl 253.15 ft.
Hold 260. Mp -4.5 =255.5 -gl 2.35=swl 253.15 ft.
MP one inch vent hole @ north side of pump house
Which is 2.35 ft. above ground level.

irby const. gw 01327 unused
n026 hinds co. 11-13-2002
32.2840-90.1991



TopoZone.com

Target is 32° 17' 02"N, 90° 11' 57"W - JACKSON quad [Quad Info]

