

State Well Report

Part 1 - Driller's Log

Mississippi Department of Environmental Quality
Office of Land and Water Resources
P.O. Box 10631
Jackson, MS 39289-0631
(601)961-5210
(601)354-6938 (fax)

For Office Use Only:

Aquifer: _____
Well #: C-30
L. S. Elevation: _____
E-log #: _____

County: OKTIBBEHA
Permit #: GW 16258
Driller: PARKS + PARKS
Date drilling completed: 6/13/07

State Law requires that this report be prepared by the license holder responsible for the work and filed with the Department at the above address within 30 days of completion of drilling of the well or borehole.

Information on Well Owner (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>Rock Hill Water Assn</u>	Latitude: <u>33° 31' 24"</u> Longitude: <u>88° 48' 03"</u>
Mailing Address: <u>P.O. Box 574</u> <u>Starkville, MS</u> <u>39255-0574</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS <u>S10 1/4 SE 1/4 Sec 11 / Twn 19N / Rng 14E</u>
City: _____ State: _____ Zip Code: _____	Distance: <u>2 1/2</u> Miles Direction: <u>N</u> of Nearest Town: <u>Starkville</u>
Telephone No. (____) _____	

Well / Borehole Data

Date drilling started: 4/2/07 Date drilling completed: 6/13/07 Hole depth: 1347 Hole diameter: 17 1/2

Location of the source of any surface water used for drilling: Rock Hill Water Assn

Method of dosing and volume of Chlorine used in drilling and development: 5 ppm

Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: _____

Name of organization running log(s): DEQ

Purpose of borehole (check one): Water Well Geotechnical/Geological Investigation Ground Source Heat Pump
Seismic Survey Other (describe) _____

If drilling is not related to water well construction, skip the remainder of this block

Purpose of Well (check one): Home Industrial Public Supply Irrigation Fish Culture Other: _____

If a flowing well, method of flow regulation: Valve _____ Other (describe) _____

Static Water Level: 220 feet above or below (circle one) land surface Date measured: 7/3/07

Method of Measurement (circle one) steel tape electric tape air line other: _____

Well depth: 1347 Well grouted to a depth of 1282 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 1282 feet Casing diameter: 12 inches Type of casing: Steel

Screen length: 60 feet Screen diameter: 8 inches Type of screen: STAINLESS STEEL

Screen slot size: 0.20 inches Setting depth: From 1287 feet to 1347 feet

Type of completion (circle all applicable): Gravel packed Underreamed Telescoped Open hole Natural Development
Other (describe): _____

Top of lap pipe or reduction in casing: 1182 feet *If telescoped or more than one screen, describe on next page*

Form: OLWR-SWR-1A

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C-30

Parks & Parks Well Service, Inc.
Driller's Log
Rockhill Water Association

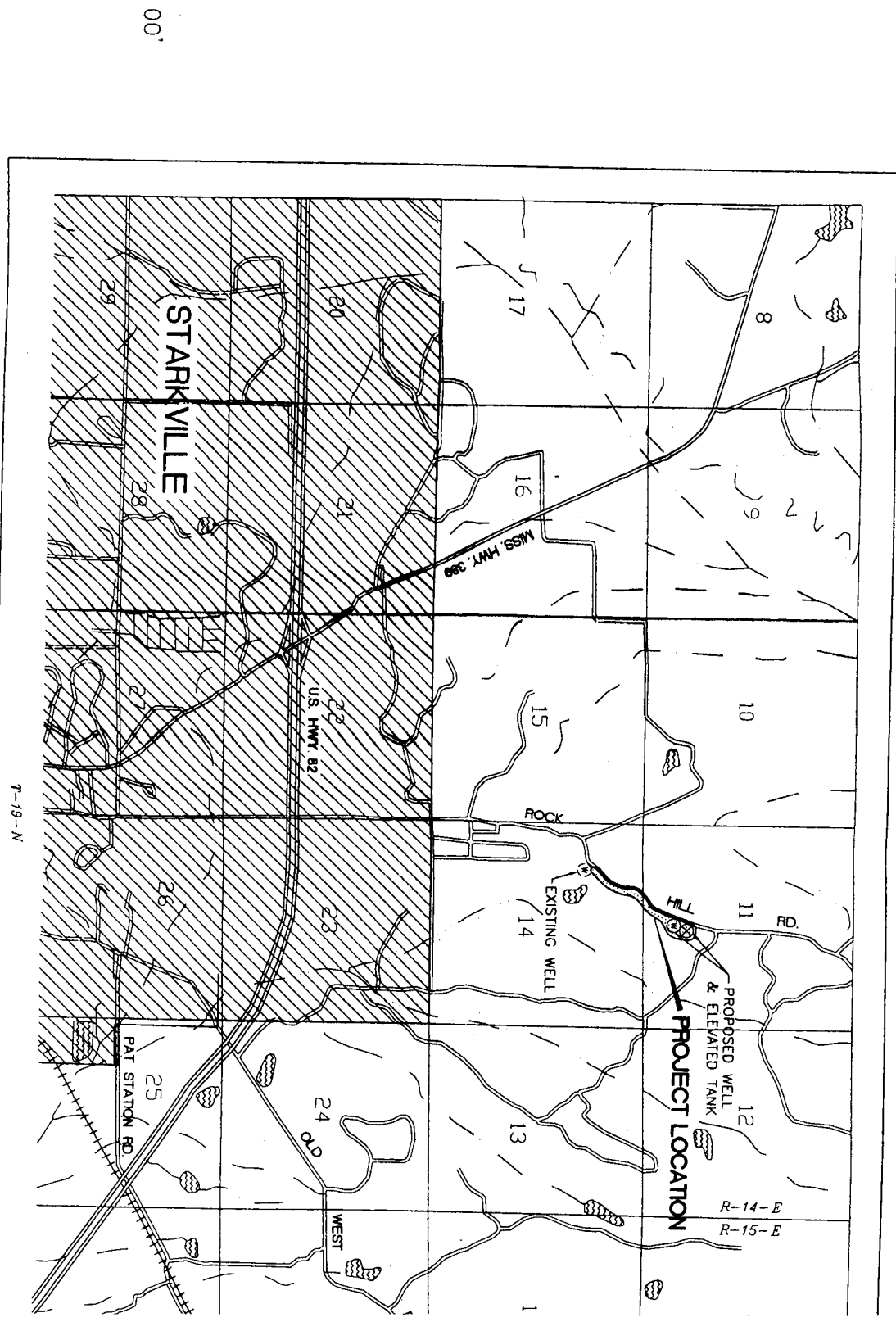
1	30.10	Sand, Rock, Limestone	36.10
2.	29.92	Clay, Sand	66.02
3.	29.51	Clay, Rock, Sand	95.53
4.	30.95	Clay, Rock	126.48
5.	30.73	Clay, Limestone	157.21
6.	30.92	Clay	188.13
7.	31.00	Limestone, Clay	219.13
8.	30.55	Clay	249.68
9.	31.65	Clay	281.33
10.	30.75	Limestone	312.08
11.	30.52	Clay	342.60
12.	30.83	Clay	373.43
13.	30.52	Sand, Clay	403.95
14.	31.00	Clay	434.95
15.	30.72	Clay	465.67
16.	30.85	Sand, Clay	496.52
17.	30.90	Clay	527.42
18.	31.04	Clay, Rock	558.46
19.	31.20	Limestone, Clay	589.66
20.	31.10	Clay	620.76
21.	31.50	Clay	652.26
22.	30.55	Limestone, Clay	682.81
23.	30.90	Sand, Rock	713.71
24.	30.25	Sand, Rock	743.96
25.	31.22	Sand	775.18
26.	30.83	Sand, Rock	806.01
27.	30.90	Sand, Rock, Lignite	836.91
28.	30.67	Clay, Sand, Shell	867.58
29.	30.53	Clay, Shell, Sand	898.11
30.	30.85	Shell, Clay	928.96
31.	30.72	Clay, Sand, Shell	959.68
32.	30.35	Clay, Shell, Sand	990.03
33.	31.55	Clay, Sand	1021.58
34.	31.70	Rock, Shell, Clay	1053.28
35.	31.28	Lignite, Clay, Shell	1084.56
36.	30.52	Lignite, Clay, Sand	1115.08
37.	30.55	Rock, Clay, Shell	1145.63
38.	31.55	Shell, Sand	1177.18
39.	30.37	Clay, Shell	1207.55
40.	30.70	Clay, Shell	1238.25
41.	30.27	Clay, Shell	1268.52
42.	30.70	Clay	1299.22
43.	31.60	Clay, Lignite, Sand	1330.82
44.	29.65	Sand, Gravel	1360.47
45.	29.70	Sand, Gravel, Clay	1390.17
46.	29.20		1419.37
47.	Kelly		1449.37

6W16258

ROCK HILL WATER ASSOCIATION

OKTIBBEHA COUNTY, MISSISSIPPI

RECEIVED
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BY D. W. H.



LOCATION MAP

STATE WELL REPORT

Part 2

Pump Installer's Completion Report
 Mississippi Department of Environmental Quality
 Office of Land and Water Resources
 P.O. Box 10631
 Jackson, MS 39289-0631
 (601)961-5210
 (601)354-6938 (fax)

County: OKTibbeha
 Permit #: 6W16258
 Driller: Parks & Parks
 Date completed: 6/13/07
 Copy information from block on Part 1

For Office Use Only:
 Aquifer: _____
 Well #: C30
 Elevation: _____

This part of the report must be completed by a licensed water well contractor or a licensed pump installer. A copy of Part 1 of the report must be attached and both parts filed with the Department at the above address within 30 days of well completion.

Well Owner Information	Well Location
Owner Name: <u>Rock Hill Water Assn</u>	Latitude: <u>33° 31' 24"</u> Longitude: <u>88° 48' 03"</u>
Mailing Address: <u>P.O. Box 574</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Starkville, MS</u>	USGS quad _____ Hand-held GPS _____ Survey-grade GPS _____
City State Zip Code: _____ <u>39759-0574</u>	_____ 1/4 _____ 1/4 Sec <u>11</u> T <u>19N</u> R <u>14E</u>
Telephone No. () _____	Distance Direction Nearest Town
	<u>2 1/2</u> Miles <u>N</u> of <u>Starkville</u>

Pump Type Circle one	Power Type Circle one
Air Lift <input type="checkbox"/> Jet <input type="checkbox"/> Submersible <input type="checkbox"/>	Diesel Engine <input type="checkbox"/> Gasoline Engine <input type="checkbox"/> Natural Gas <input type="checkbox"/>
Bucket <input type="checkbox"/> Piston <input type="checkbox"/> <u>Turbine</u> <input checked="" type="checkbox"/>	<u>Electric Motor</u> <input checked="" type="checkbox"/> Hand <input type="checkbox"/> Tractor PTO <input type="checkbox"/>
Centrifugal <input type="checkbox"/> Rotary <input type="checkbox"/> Flowing Well <input type="checkbox"/>	Windmill <input type="checkbox"/> Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>50</u>
Date Pump Installed: <u>3/4/08</u>	Setting Depth: <u>350</u> feet
Rated Pump Capacity: <u>350</u> Gallons Per Minute	Number of Stages: <u>10</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>1/28/08</u>	Air Line <input type="checkbox"/> <u>Electric Measuring Line</u> <input checked="" type="checkbox"/> Steel Tape <input type="checkbox"/>
Static Water Level (A): <u>229</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>301</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown ((B) - (A)): <u>72.92</u> Feet Below Land Surface	Well yielded <u>4.8</u> ^{43.7} GPM with a drawdown of
Test Pumping Rate: <u>437</u> Gallons Per Minute	<u>72.92</u> feet after <u>25</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>25</u> hours	

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.

Rayburn Parks 0-414 Print Name of Pump Installer and License No. (if applicable)

Rayburn Parks Signature of Pump Installer