

RANKIN

WATER WELL DRILLERS LOG

6
E01J

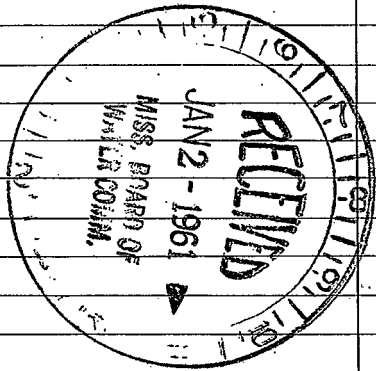
Date: 3/6, 1961, Driller: James McGee County Rankin.
(Name)

	Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
(1) Owner of Land: <u>Davis Bros.</u> Turn North on Hwy. ^(Name) <u>43</u> at Pelaha- <u>Pelahatchie, Miss.</u> <u>tchie</u> _(Address)	Brown clay.	0-	26
(2) Location: <u>1/4</u> , <u>1/4</u> , Sec. <u>T</u> <u>R</u> <u>6</u> miles <u>North</u> , of <u>Pelahatchie</u> (distance) (direction) (Nearest Town)	Blue clay.	26-	152
(3) Topography: <u>x</u> (Hilly) (Flat) (Level)	Gumbo.	152-	202
(4) Purpose of Well: <u>Poultry farm.</u> (Domestic Irrigation Municipal, Industrial, Other)	Shale.	202-	222
	Shale & stks. lime rock.	222-	232
	Shale.	232-	242
	Shale & stks. rock.	242-	252
	Shale.	252-	292
	Sandy shale.	292-	302
	Sandy shell.	302-	312
	Shale & fine sand.	312-	342
	Soft shale.	342-	372
	Shale & stks; sand.	372-	502
	Fine sand & stks. clay.	382-	402
	Fine sand.	402-	422
	Fine sand & stks. clay.	422-	447
	Soft shale.	447-	470
	Fine Sand (Screen setting)	470-	487
	Sand. (Screen setting)	487-	508

Information upon completion of well:

- (1) Diameter 2 inches.
- (2) Total Depth 508 feet.
- (3) Water Level 194 feet below top of ground.
- (4) Cased to 493', Size 2"
- (5) Screen: Size 2", Length 15'
- (6) Were any formations sealed against pollution?
yes, x no.

If YES depth of formation _____
Why _____
Drillers Remarks: Good well.



(Use Back Side)

Retain this copy for your office files.

Well No.

The following table shows the results of the experiment conducted on the 15th of June 1954. The data was collected from the field observations and laboratory tests. The results are presented in the following table:

Time (min)	Temperature (°C)	Humidity (%)	Wind Speed (m/s)	Direction
0	25.0	65	1.5	SE
5	25.5	65	1.5	SE
10	26.0	65	1.5	SE
15	26.5	65	1.5	SE
20	27.0	65	1.5	SE
25	27.5	65	1.5	SE
30	28.0	65	1.5	SE
35	28.5	65	1.5	SE
40	29.0	65	1.5	SE
45	29.5	65	1.5	SE
50	30.0	65	1.5	SE
55	30.5	65	1.5	SE
60	31.0	65	1.5	SE
65	31.5	65	1.5	SE
70	32.0	65	1.5	SE
75	32.5	65	1.5	SE
80	33.0	65	1.5	SE
85	33.5	65	1.5	SE
90	34.0	65	1.5	SE
95	34.5	65	1.5	SE
100	35.0	65	1.5	SE

The data indicates a steady increase in temperature over time, while humidity and wind speed remain constant. The wind direction is consistently from the southeast.