

DEPARTMENT OF NATURAL AND ECONOMIC RESOURCES

GROUNDWATER SECTION

Maury

GR-T-1-78

Lithologic Log

Well No.:

Field # 27 J 4

Log by: T. N. Date 10-18-78 County MAURY

Office _____

USGS _____

Location, Town MAURY PRISON

Owner GWS Driller T. N. Date Drilled 10-23-78-10-24

Depth 145 ft.; Diam. 4 1/2 in.; Cased to 15 ft.; Elev. _____ ft. above MSL

Cuttings yes Elec. Log _____ Gamma log _____

Description	Depth (feet)		Thickness (feet)
	from	to	
yellow & white clay w/ med white sand at 5'	5	10	5m 255
med sand but into gray clay at 16'	10	20	3m 185
gray clay	20	30	11m 425
gray clay	30	40	11m 255
gray clay 40'-42' - fine to med gray sand 42'-60' w/ wood chips - shell	40	60	5m 245
fine to med sand w/ wood chips 60'-65' - gray clay 65'-70'	60	70	4m 475
gray clay w/ med grain sand mixed in clay	70	80	2m 195
light & dark gray clay w/ some yellow clay & shell fossils	80	90	5m 405
SAME AS ABOVE w/ med grain sand mixed in	90	100	— 555
gray sand mixed w/ gray clay	100	110	1m 045
SAME AS ABOVE	110	120	— 555
out of sandy gray clay into light & dark color clay	120	130	5m 095
gray clay	130	140	4m 175
gray clay w/ some sand lenses	140	150	6m 125
light & dark gray clay	150	160	2m 335
whitest color gray clay w/ sand layers	160	170	3m 215
SAME AS ABOVE - MORE SAND than clay	170	180	2m 025
various color clays & sands	180	190	25m 405

LITHOLOGIC LOG (continuation sheet)

Well No.: Field _____

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Description	Depth (feet)		Thickness (feet)
	From	to	
Various color sands + clays	190	200	1m 12
Various color clays + sands	200	210	1m 12
SAME AS ABOVE	210	220	3m 27.5
SAME AS ABOVE	220	230	7m 38.5
Various color sands + clays	230	240	1m 20
Various color clays + sands	240	250	8m 69.5
" " " + "	250	260	9m 57.5
" " " + "	260	270	19m 35.5
various color clay w/ sand lenses	270	280	13m 24.5
Various color sands w/ some clay mud in sample	280	290	2m 33
SAME AS ABOVE	290	300	1m 40.5
SAME AS ABOVE	300	310	2m 45.5
" " "	310	320	1m 27.5
" " "	320	330	1m 40.5
Various color sands + clay	330	340	3m 02.5
Various color clays + sands	340	350	5m 12.5
SAME AS ABOVE	350	360	3m 41.5
Various color clay w/ layers of various color sands	360	370	6m 0.5
Various color clays + sands - (gravel - found deep red color)	370	380	2m 43
SAME AS ABOVE	380	390	7m 43
Various color sands + clays	390	400	3m 20
Various color sands	400	410	- 50
Various color clays + sands - (drill hard)	410	420	18m 4
Various color clays + sands (very hard)	420	427	42m
SAME AS ABOVE	427	440	10m 35

LITHOLOGIC LOG (continuation sheet)

Well No.: _____ Field _____

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Description	Depth (feet)		Thickness (feet)
	from	to	
Various color clay & sand	440	450	Null rate 32 m 04 S
SAME AS Above	450	460	14 m 06 S
SAME AS Above	460	470	26 m 30 S
SAME AS Above	470	480	12 m 0 S
" " "	480	490	18 m 32 S
" " "	490	500	16 m 50 S
" " "	500	510	22 m 26 S
" " "	510	520	47 m 13 S
" " "	520	530	45 m 55 S
" " "	530	540	23 m 49 S
" " "	540	550	25 m 33 S
" " "	550	560	27 m 12 S
Various color clay & sands - brownish material	560	565	26 m 30 S

HOOKERTON 7.5'

