

WELL CONSTRUCTION LOG ~~600360136~~ MARSHALL CO

M. Manning

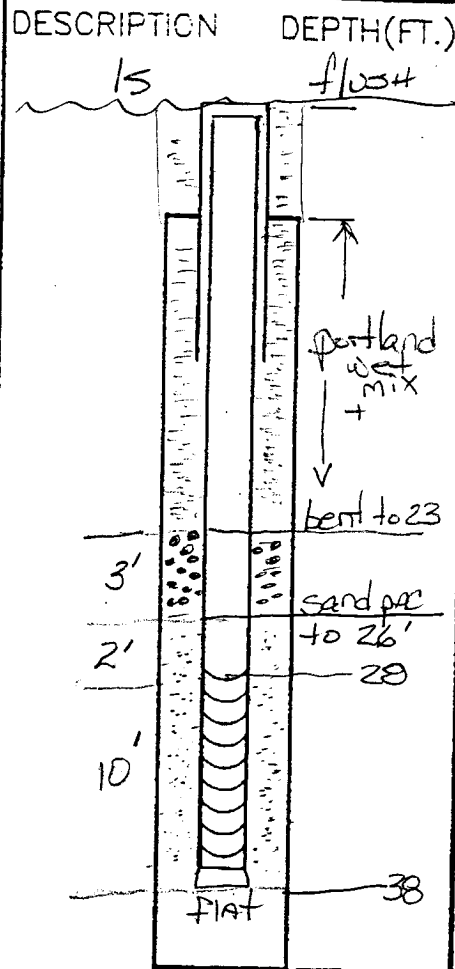
WELL LOCATION MR Hurdle - Marshall Co MS Cell 7

DATE INSTALLED Sept 22, 2010

TYPE OF WELL 2" PVC SCH 40 threaded w/ Gaskets

1. HEIGHT OF CASING ABOVE GROUND Ø flush
2. WATER SURFACE ELEV. 25' rising in casing
- a) DEPTH TO SATURATED ZONE 27 FT
3. TOP OF CASING ELEV. —
4. PROTECTIVE CASING YES NO
- a) CASING LENGTH 38 FT b1s
5. LENGTH OF SCREEN 10 FT .010
6. SIZE\TYPE OF SCREEN .010 slotted
7. LENGTH OF SUMP —
8. TOTAL DEPTH OF BORING 38 HOLE DIAMETER 8"
9. SCREENED INTERVAL 38'-28'
10. TYPE OF SCREEN FILTER PACK Coarse sand
QUANTITY USED 3 1/2 SIZE — U/C —
11. DEPTH TO TOP OF FILTER 26' b1s
12. TYPE OF SEAL bentonite pellets
QUANTITY USED 1 bag hydrated
13. DEPTH TO TOP OF SEAL 23 FT
14. TYPE OF GROUT Portland mixed w/ 1/2 bag bentonite
GROUT MIXTURE 3 to 1
METHOD OF PLACEMENT pumped
15. COMMENTS Well blew in @ 25' re-attached
Almost full collapse

INSTALLATION DESCRIPTION



60136

DRILLING CONTR. TRI-STATE TESTING

BY M. MANNING DATE 9/22/10 CHK'D BY

LOCATION OF BORING Roberts Chapel. 1.0M		JOB NO. CALL# 7	CLIENT Mr Hordle	LOCATION MITSUBISHI CO
		DRILLING METHOD: <u>Hand stem AUGER</u>		BORING NO.
		DESCIP. @ 5' intervals		SHEET 1 OF 1
DATUM		SAMPLING METHOD:		DRILLING
ELEVATION		WATER LEVEL	25	START TIME
		TIME	1525	FINISH TIME
		DATE	9/22/10	DATE
		CASING DEPTH	28	DATE
				9/22/10 9/22/10

SAMPLER TYPE	INCHES DRIVER INCHES RECOVERED	DEPTH OF CASING	SAMPLE NO. SAMPLE DEPTH	BLOWS/FT. SAMPLER	VAPOR CONCENTRATIONS (PPM)	DEPTH IN FEET	SOIL GRAPH	SURFACE CONDITIONS:
						0		Dry, grass, hay cut
						3		N34°55'41" W089°24'31"
						6		34.92977 -089.40871 N 31' 75ft
						9		9/22/10 @ 1215
						12		0-3' soil
						15		loose, dry changes to some clay, dry
						18		3-8' silt, clay orange brownish yellow moderately
						21		loose, changes to mostly silty sand
						24		dark orange/brown, slightly moist
						27		8-13 bit still soaking, fine silty sand,
						30		mostly dark orange brown w lenses of
						33		tan-yellow yellowish fine sand, moist
						36		(belt broke on rig 1245) fixed @ 1409
						39		13-18' sand fine grained white to light tan
						42		well sorted w iron-orange streaks
						45		turning to white, slightly moist
						48		loose
						51		18-23' light tan loose well sorted sand-silt
						54		turning to dark mod. orange sand silt
						57		moist @ 23', loose
						60		23-28' sand orange-tan loose, turning
						63		dark orange @ 27' wet @ 27
						66		fine grained turning to med grained
						69		@ 27' (wet), loose
						72		28-33 sand same as above turning to
						75		white near 33 wet-loose
						78		blow in
						81		33-(38) sand light tan-white fine grained
						84		loose wet turning dark greyish
						87		@ 38
						90		set casing - 38' @ 1500
						93		Driller ran water in well - 1 NSgal
						96		Send pac up to 26' (3 bags)
						99		bag returned to 23'
						100		

WL @ 1525 before portland = 25' rising fast