

WELL CONSTRUCTION LOG LOD 2 MARSHALL CO

WELL LOCATION Marshall Co. Mt Holland Cell B

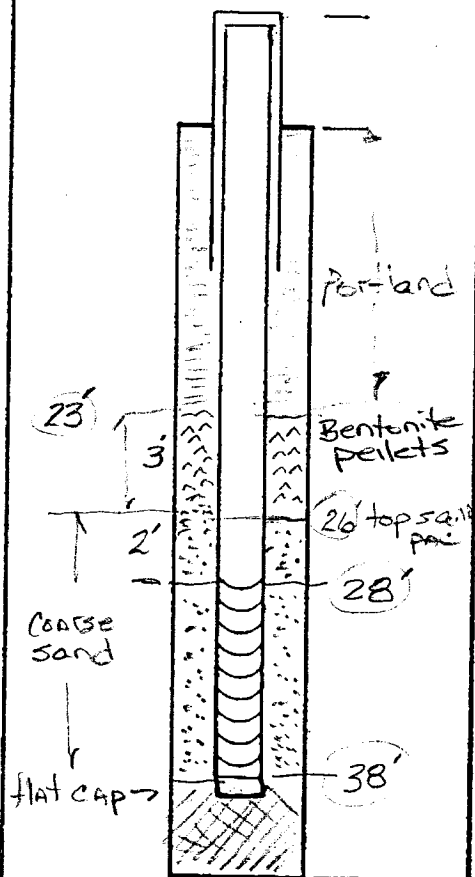
DATE INSTALLED 9/27/10 @ 1300

TYPE OF WELL 2" PVC SCH 40

1. HEIGHT OF CASING ABOVE GROUND Ø flush
2. WATER SURFACE ELEV. _____
- a) DEPTH TO SATURATED ZONE ~ 27 ft
3. TOP OF CASING ELEV. _____
4. PROTECTIVE CASING YES NO
- a) CASING LENGTH 38 ft
5. LENGTH OF SCREEN 10 ft .010
6. SIZE\TYPE OF SCREEN slotted .010
7. LENGTH OF SUMP _____
8. TOTAL DEPTH OF BORING 33' HOLE DIAMETER 8"
9. SCREENED INTERVAL 38-28
10. TYPE OF SCREEN FILTER PACK Coarse sand
QUANTITY USED 4 bags SIZE 20/30 U/C
11. DEPTH TO TOP OF FILTER 26'
12. TYPE OF SEAL bentonite pellets
QUANTITY USED 1 bag
13. DEPTH TO TOP OF SEAL 23 ft
14. TYPE OF GROUT (Portland 3) (Bentonite 1)
GROUT MIXTURE 3/1
METHOD OF PLACEMENT pumped
15. COMMENTS _____

INSTALLATION DESCRIPTION

DESCRIPTION DEPTH (FT.)



L0052 9-24-10 @ 1115 - Friday

LOCATION OF BORING Hwy 4 Russons Rd 900 Russons Diner wire gate CAMP TRAIL metal gate Cedar TREE Pond field	JOB NO. CELL #8	CLIENT MR HOLLAND	LOCATION MARSHALL CO
	DRILLING METHOD: HOLLOW STEM		BORING NO.
	SAMPLING METHOD: 5ft intervals Fri - FINISHED Monday 9/27/10		SHEET 1 OF 1
	WATER LEVEL 26.10		DRILLING START TIME 1115
	TIME 1300		FINISH TIME 1300
	DATE 9/27/10		DATE 9/27/10
	CASING DEPTH 38'		DATE 9/24/10

LAT. 34° 50' 57" 34.84934
LONG 89° 21' 48" -89.36356
DATUM 9 sat. ELEVATION

DRILLING CONTR. TRI-STATE TESTING

BY M. MANNING
DATE 9/27/10 CHK'D BY

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		Monday T @ 28-33' had 6.2' water - went 5' more
						1		0-3 - Soil, silt 10yr 48 small roots H. brownish yellow dry
						2		3-8 starting as same as above turning to dark brown silty clay with grayish bands of clay 10yr 3/6 moist
						3		
						4		8-13 silty clay med. brown moist turns to orange brown sand @ 11' then starts lenses of tannish sand moist
						5		
						6		
						7		13-18 mostly sand - silty sand yellowish orange coarse grained sand banded tan-yellow with orange brown bands. - moist some clay
						8		
						9		18-23' sand - orange changing to pinkish light tan @ 21' moist some banding loose, ca
						0		
						1		23-28' yellowish sand, turns to banded clayey sand, 1 clay band @ 26' then med grained pinkish red 7.5 sand with some clay moist to wet
						2		
						3		
						4	ALL WET	28-33 clayey sand banded orange with tannish sand 1st full wet finish on Monday - stopped Fri @ 1300
						5		
						6		33-38 - TAN-ORANGISH sand med grained some mica, loose - wet changes to orangish brown sand w/ some clay @ 37 1/2' (1 thin gray clay @ 37' w SET 38' w/ 10' screen
						7		
						8		
						9		
						0		