

WELL CONSTRUCTION LOG Cell 9

Y0035

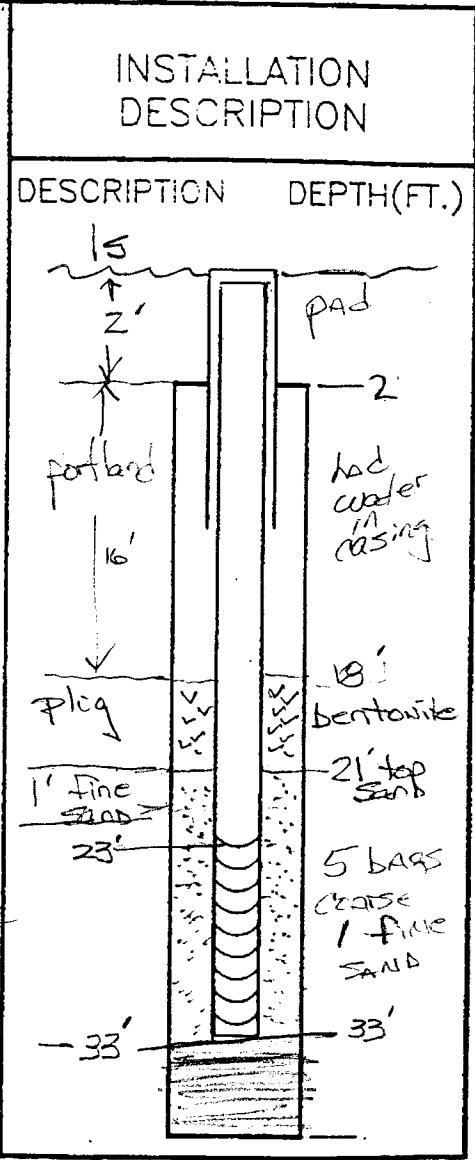
Mr Joe Cooper

WELL LOCATION Marshall Co

DATE INSTALLED 9-24-10

TYPE OF WELL 2" PVC, 10' screen

1. HEIGHT OF CASING ABOVE GROUND Ø flush
2. WATER SURFACE ELEV. 7' b/s
- a) DEPTH TO SATURATED ZONE 20'
3. TOP OF CASING ELEV. _____
4. PROTECTIVE CASING YES NO _____
- a) CASING LENGTH 33 ft
5. LENGTH OF SCREEN 10 ft
6. SIZE\TYPE OF SCREEN .010 10 ft
7. LENGTH OF SUMP _____
8. TOTAL DEPTH OF BORING 33 HOLE DIAMETER 8"
9. SCREENED INTERVAL 33' to 23' b/s
10. TYPE OF SCREEN FILTER PACK 100 mesh sand
QUANTITY USED 5+1 SIZE _____ U/C _____
11. DEPTH TO TOP OF FILTER 5 coarse 1 fine on top
12. TYPE OF SEAL bent pellets
- QUANTITY USED _____
13. DEPTH TO TOP OF SEAL _____
14. TYPE OF GROUT Portland 3 to 1 bentonite
GROUT MIXTURE 3 to 1
METHOD OF PLACEMENT pump
15. COMMENTS _____



drilled to 33 ft, let sit overnight
 @ 0745 WL @ 7 ft from b/s. - set

WLe After bentonite 7.2', outside of casing in hole = 7.6

10035 Marshall Co.

DRILLING CONTR. TRI-STATE TESTING

BY M. MANNING DATE 9/24/10 CHK'D BY

LOCATION OF BORING: Wood Br. dge, Creek, Gravel Road, 2nd Gate

DRILLING METHOD: Hollow Stem

SAMPLING METHOD: 5 ft interval, Visual lithology + pics

WATER LEVEL: 7'

TIME: 0745

DATE: 9/24/10

CASING DEPTH: 23'

LOCATION: MARSHALL CO

BORING NO.:

SHEET 1 OF 1

DRILLING START TIME: 0700, FINISH TIME: 1200

DATE: 9/24/10

DATUM ELEVATION: 265.754

Coordinates: N34°33'49", W089°18'06", N34.56374, W-89.30168

SAMPLER TYPE	INCHES DRIVEN / INCHES RECORDED	DEPTH OF CASING	SAMPLE NO	BLOWS/FT. SAMPLER	VAPOR CONCENTRATIONS (PPM)	DEPTH IN FEET	SOIL GRAPH	SURFACE CONDITIONS
						0		Dry, next to creek w/ little water
						1		30' from creek w/ water
						2		0-2 - loose mod. brown silt - soil dry
						3		0-3 - silt - tannish light br. 10yr 5/3 organics, small roots, dry, hard
						4		3-5' silt, loose, 10yr 7/1, turning to silty clay @ 7ft dry @ top moist @ 7.5' mottled clay @ 7.0
						5		8-13' silty clay same as above, turning to mostly clay @ 12' moist @ 12' mottled orange brown sandy silt tight 10yr 4/4
						6		
						7		13'-18 silty clay w some sand - wet grayish, mottled, mostly clay 10yr 4/3
						8		
						9		18-23 - clay orange - mottled gray clay with some sand turn to all gray clay w sand, wet All 18-23
						10		
						11		2 RUNS completely wet - can hear water running into seams of AUGER
						12		placed 10' screen w 23 total length in well let sit 30 min 5' water going deeper pulled casing going deeper
						13		
						14		23'-28 - clay - wet ribbon darkish gray 10yr 4/1 turning to sandier 10yr 5/1 grayish green @ 27.5 less wet @ 27-28 moist
						15		
						16		28-33 same as above starting out w/ greenish grey fine sand silt lenses
						17		Wet - cloth tape 20+ ft water in AUGER - no pipe
						18		
						19		STOPPED @ 1530 let sit overnight
						20		

sample @ 32-28

33