

Soil Boring Log

Site Name: Maudlin Gulch Tank Battery

Well/boring #: MW-10

Location Description: approximately 50' west of MW-1 on edge of lease road

Date Drilled: Wednesday, April 8th, 2020

Drilling Method: 4 1/4" ID Hollow Stem Augers

Depth (feet BGS)	Description (soil type, moisture, odor, staining)	Sample Location	Blow Counts for each 6" increment	Soil Headspace PID	Static Water Level	Well Construction	
1	Pothole - 0-5'. Observed approximately 2' of water in pothole before drilling starts. Removed the water immediately prior to the start of drilling. The water appears to be entering the pothole from a surface low area containing standing water about 10' east of this boring. We will place a surface seal across this zone when well is installed to prevent now and future surface water infiltration into well.					riser	concrete
2							
3							
4							
5							
6	Collect 3" split spoon from 5-7' bgs. No recovery		6/5/2/3				bentonite
7	Collect 3" split spoon from 6-8' bgs. Tan, dense, hard, dry, fine grained sandstone, no hydrocarbon odor.		50-4.5"	20			
8							silica sand
9							
10	Collect 3" split spoon from 9.5-11.5' bgs. Tan-gray-black soft, wet silt, no hydrocarbon odor.		2/1/1/3	50		screen	
11							
12							
13							
14							
15	Collect 3" split spoon sample from 14.5-16.5' bgs. Gray, wet, soft, silt, no hydrocarbon odor.		0/2/1/1	20			
16							
17							
18							
19							
20	Collect 3" split spoon from 19.5-21.5' bgs. Wet, soft, gray, silt, no hydrocarbon odor.		2/1/2/2	21			
21							
22							
<p>EOB - 22' Installed 2", schedule 40 PVC , flush thread well at 22' bgs with screen from 22-7' bgs, sand 22'-6 'bgs, bentonite - 6-1' bgs and concrete from 1-0' bgs. Installed above grade steel protector. Water level indicated on log is from 4/9/2020 gauging data as calculated to feet below ground surface. The screen on this well was set lower so that the wet zone encountered in the pothole as described above could be sealed off.</p>							