

400-420'	400-405'	lt. gray ss, coarse grained to conglomeratic, moderately hard to friable
	405-420'	black coal and dk. gray siltstone
420-440'	420-435'	lt. gray coarse to medium grained ss (flare died)
	435-440'	dk. gray siltstone
440-460'	440-445'	gray & dk. gray siltstone
	445-460'	dk. gray siltstone; and lt. gray, medium to coarse grained ss, angular to subangular, moderately to poorly sorted, moderately hard to friable (ignited when broke circ. to make connection - drlg at 460')
460-480'	460-470'	dk. gray siltstone and lt. gray medium grained ss, moderately hard
	470-480'	lt. gray, medium to coarse grained ss, moderately hard to friable; w/ black shale and coal
480-500'	480-495'	lt. gray, medium to coarse grained and conglomeratic ss, moderately hard to friable, poorly sorted
	495-500'	ss as above; w/ black shale & coal
500-520'	500-505'	dk. gray siltstone; and black shale; w/ ss as above
	505-520'	gray to lt. gray ss, medium to coarse grained, moderately hard to friable
520-540'		gray to dk. gray siltstone; and gray to lt. gray, fine to medium and coarse grained ss, moderately hard
540-560'	540-545'	coarse grained to conglomeratic ss; w/ dk. gray siltstone
	545-560'	dk. gray siltstone and black shale
560-580'	560-565'	gray to dk. gray siltstone and black shale
	565-575'	black coal
	575-580'	black coal w/ some gray ss and dk. gray siltstone