ISOLATION REQUIREMENTS FOR TYPICAL WELLS

10/31/2016 COGCC Document No. 2056247 Date

FIELD NAME **BATTLESHIP** FIELD NUMBER 5680

LOCATION

6,000

North Park Basin 10N Township(s) 79W Range(s)

Depth 0	Formation/Member Coalmont	
1,000	Pierre Pierre A Pierre B	
2,000		
3,000	Niobrara Carlile Frontier	
4,000	Mowry Muddy Dakota, Lakota	
5,000	Morrison, Sundance Chugwater	

Casing and Cement Coverage	Depth 0	Formation/Member Coalmont
North Park Casing and Cement Standards (2013) Set surface casing 50' below Pierre Shale top or minimum 1150' if Pierre Shale top is deeper than 1100'.	1,000	Pierre Pierre A Pierre B
Cement must provide coverage across all oil, gas, or water-bearing zones, including the Coalmont Formation, minimum cement top is 200' above surface casing shoe	2,000	
	3,000	
		Niobrara
Typical Older Well Configuration		Carlile
TOC generally covers the Frontier and underlying formations, but cement coverage	4,000	Frontier
of the Coalmont, Pierre, and Niobrara may		Mowry
be lacking		Muddy Dakota, Lakota
	5,000	Morrison, Sundance Chugwater

6,000

