## ISOLATION REQUIREMENTS FOR TYPICAL WELLS

 Date
 04/18/2016
 COGCC Document No.
 2056198

FIELD NAME BRUSH CREEK
FIELD NUMBER 7562

LOCATION

BasinPiceanceTownship(s)9SRange(s)93W to 94W

<u>Depth</u>	Formation/Member		Casing and Cement Coverage	<u>Depth</u>	Formation/Member	
0	Alluvium/ Glacial Drift/		New Surface Casing Standard	0	Alluvium/ Glacial Drift/	
	Green River/		Minimum 5% TVD (10% recommended) or		Green River/	
	U. Wasatch		cover all apparent water resources in the		U. Wasatch	
1,000			U. Wasatch, whichever is more stringent.	1,000		
			Recommend 1,000 ft or greater based on			
		7115	potential water resources apparent on			
			induction logs			
2,000	Wasatch G			2,000	Wasatch G	
			New Cement Standard			
			Cement must provide coverage across Ohio			
			Creek and 200 ft above L. Wasatch, in			
3,000			addition to productive interval coverage.	3,000		
			Add Wasatch G coverage (stage cement, as			
	L. Wasatch		shown here or increase primary coverage)		l Manadah	
4,000	Chio Creek		within one mile of productive Wasatch G wells.	4,000	L. Wasatch Ohio Creek	
	U. Mesaverde		wells.	4,000	U. Mesaverde	
	O. Iviesaverue				o. iviesaverue	
			Typical Older Well Configuration			
5,000			TOC covers productive intervals, but cement	5,000		
			coverage of U. Mesaverde, Ohio Creek and			
	Top of Gas		L. Wasatch may be lacking		Top of Gas	
6,000				6,000		
•				,,,,,,		
7,000	Cameo			7,000	Cameo	
	Rollins				Rollins	
	Cozzette				Cozzette	
	Corcoran				Corcoran	
8,000				8,000		

## Plug Placement

Surface plug

Surface casing shoe plug Set deeper shoe plug if casing depth < 1,000 ft

Wasatch G plug if productive within one mile Stabilization squeeze plug (use if separation between plugs above and below are > 3,000 ft)

Squeeze plug across Ohio Creek and across L. Wasatch (top of plug 200 ft above L. Wasatch)

Plug in casing above Mesaverde Group Completions