ISOLATION REQUIREMENTS FOR TYPICAL WELLS

 Date
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 COGCC Document No.
 2056204

FIELD NAME PARACHUTE FIELD NUMBER 67350

LOCATION

 Basin
 Piceance

 Township(s)
 6S to 8S

 Range(s)
 95W to 96W

Note: Depths to formation tops differ significantly with changes of ground surface elevation across the field. Refer to the Stratigraphy chart on the Field Scout Card. These wellbore diagrams reflect average depths in a small portion of the field. Also refer to standards in adjacent fields for guidance.

<u>Depth</u>	Formation/Member		Casing and Cement Coverage	<u>Depth</u>	Formation/Member		Plug Placement
0	Uinta/ Green River/ Landslide Deposit/ Alluvium/		Surface Casing Standard Minimum 10% TVD or cover all apparent water resources in the U. Wasatch, whichever is more	0	Uinta/ Green River/ Landslide Deposit/ Alluvium/		Surface plug Surface casing shoe plug
1,000	U. Wasatch		stringent	1,000	U. Wasatch		Set deeper shoe plug if casing depth < 1,000 feet
2,000	Wasatch G Fort Union		New Cement Standard Cement must provide coverage across Ohio	2,000	Wasatch G Fort Union		Wasatch G plug if productive within one mile Squeeze plug across Fort Union
2,000	Tort official		Creek and 200 ft above L. Wasatch, in addition to productive interval coverage. Fort Union coverage required (stage cement, as shown	2,000	Tore official		Stabilization squeeze plug (use if separation between plugs above and below are
3,000			here, or increase primary coverage). Add	3,000			> 3,000 feet); not shown on this figure
	L. Wasatch Ohio Creek		Wasatch G coverage (stage cement, as shown here, or increase primary coverage) within one		L. Wasatch Ohio Creek		Squeeze plug across Ohio Creek and across
	U. Mesaverde		mile of productive Wasatch G wells.		U. Mesaverde		L. Wasatch (top of plug 200 ft above L.
4,000				4,000			Wasatch)
			Typical Older Well Configuration			_	Plug in casing above Mesaverde Group
5,000	Top of Gas		TOC covers productive intervals, but cement coverage of U. Mesaverde, Ohio Creek and L. Wasatch may be lacking	5,000	Top of Gas		Completions
6,000	Cameo			6,000	Cameo		
7,000	Rollins			7,000	Rollins		
	Cozzette				Cozzette		
	Corcoran	7			Corcoran		
8,000				8,000			