

**ISOLATION REQUIREMENTS FOR TYPICAL WELLS**

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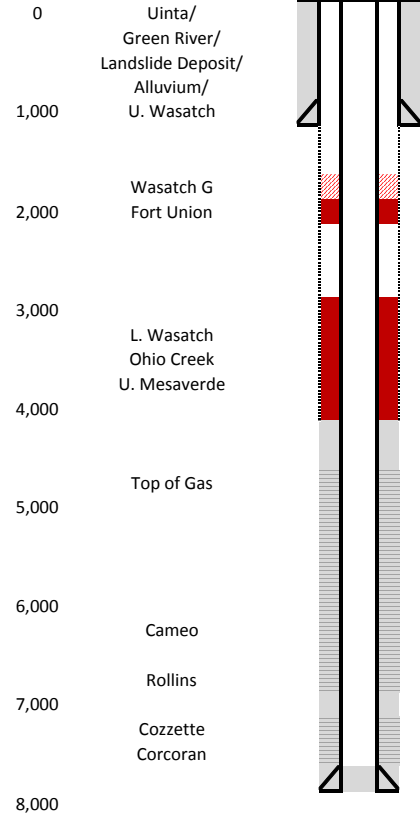
FIELD NAME PARACHUTE  
FIELD NUMBER 67350

**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.

**Depth Formation/Member**



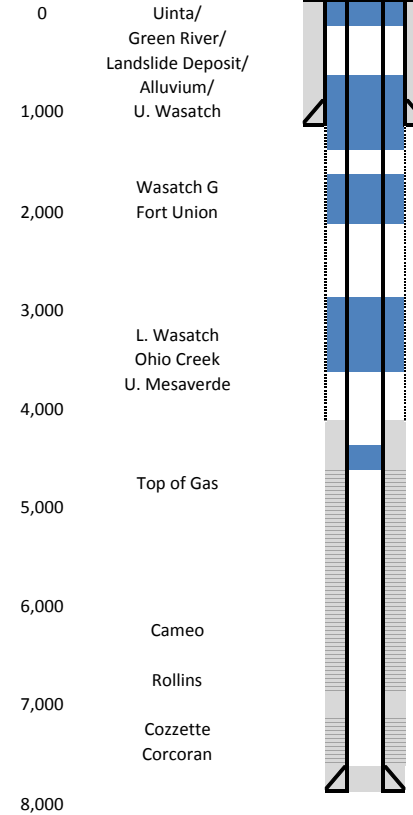
**Casing and Cement Coverage**

**Surface Casing Standard**  
Minimum 10% TVD or cover all apparent water resources in the U. Wasatch, whichever is more stringent

**New Cement Standard**  
Cement must provide coverage across Ohio Creek and 200 ft above L. Wasatch, in addition to productive interval coverage. Fort Union coverage required (stage cement, as shown here, or increase primary coverage). Add Wasatch G coverage (stage cement, as shown here, or increase primary coverage) within one mile of productive Wasatch G wells.

**Typical Older Well Configuration**  
TOC covers productive intervals, but cement coverage of U. Mesaverde, Ohio Creek and L. Wasatch may be lacking

**Depth Formation/Member**



**Plug Placement**

Surface plug

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

Wasatch G plug if productive within one mile  
Squeeze plug across Fort Union

Stabilization squeeze plug (use if separation between plugs above and below are > 3,000 feet); not shown on this figure

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

Plug in casing above Mesaverde Group Completions