

Well Name: Federal 31-2CC (PF-31)

Permit Estimated
Formation Tops
(MD / TVD)

16" Conductor @ 60'
Cement to surface with 5 yds redi-mix

Wasatch	Surface /	Surface
	14.75"	Hole to 200' MD
	12.25"	Hole to Surf TD

Surface Casing	1661	/	1538
9.625" - 36# - 55 Grade - 8 Round			

Cement to surface with:
Lead: 432 sxs 12.5 Glass G 2.11 ft³/sk
Tail: 134 sx, 15.8, Class G 1.17 ft³/sk
Total: 566 sx
(volume includes 80% excess)

8.75" Hole to Top of Gas
8.75" Hole to TD

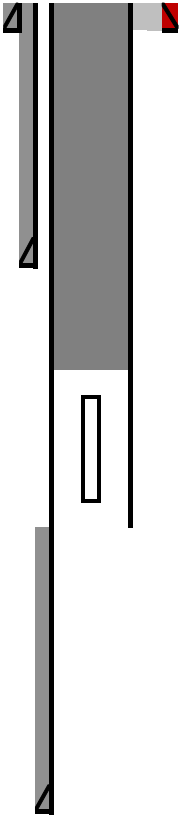
TOC Requirement 200 ft above Mesa V

Ohio Creek	3791	/	3265
Mesaverde Marker	3791	/	3265
Williams Fork	4453	/	3905
Top Gas	4843	/	4294
Coal Ridge	6186	/	5637
Rollins	6637	/	6088
Cozzette	N/A	/	N/A
Corcoran	N/A	/	N/A
Permit TD	6888	/	6338

Production Casing	6888	/	6338
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4.5" - 11.6# - 80 Grade - Buttress
Cement with:
Lead: 279 sx, 12 TXI, 1.79 ft³/sk
Tail: 571 sx, 13 TXI, 1.43 ft³/sk
Total: 850 sx
(volume includes 30% excess)

Casing &
Hole size



Actual
Conditions
(MD / TVD)

16" Conductor @82'
Cement to surface with 5 yds redi-mix
50 sx of G to surf

1505 sx of G to surface

BTM of Cement 1474
Top of fish 1521'

12.25" Surface Hole			
Surface Hole	depth	/	1710

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Total: