

Well Name: MCU 21-5B (M16W)

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	1225 / 1200
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9.625" - 36# - 55 Grade - 8 Round

Cement to surface with:

Lead: 316 sxs 12.5 Glass G 2.11 ft³/sk

Tail: 134 sx, 15.8, Class G 1.17 ft³/sk

Total: 450 sx

(volume includes 80% excess)

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

TOC Requirement 200 ft above Mesa V

Ohio Creek	6552 / 6326
Mesaverde Marker	6552 / 6326
Williams Fork	7351 / 7095
Top Gas	8212 / 7943
Coal Ridge	9341 / 9072
Rollins	10137 / 9868
Cozzette	10575 / 10306
Corcoran	10792 / 10523
Permit TD	11292 / 11023

Production Casing	11292 / 11023
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4.5" - 11.6# - 80 Grade - Buttress

Cement with:

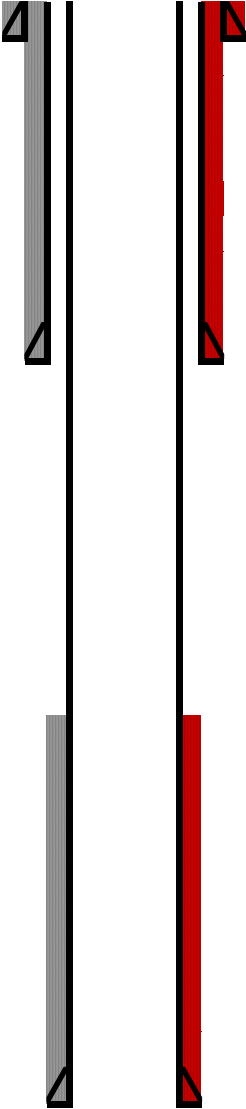
Lead: 415 sx, 12 TXI, 1.79 ft³/sk

Tail: 638 sx, 13 TXI, 1.43 ft³/sk

Total: 1053 sx

(volume includes 30% excess)

Casing &
Hole size



Actual
Conditions
(MD / TVD)

16" Conductor @ 40'
Cement to surface with 5 yds redi-mix

Wasatch	Surface/ Surface
14.75"	to 186' MD
12.25"	Surface Hole

Surface Casing	1260' / 1220'
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9-5/8" 36" J55 LTC

Cemented to surface with

Lead: 273 sxs 12.5# G at 2.11 ft³/sk

Tail 148 sxs 15.8# G at 1.16 ft³/sk

Total: 421 sxs

8.75" Hole to 8077' MD
7.875" Production Hole

TOC from CBL: 5410' MD

Ohio Creek	Not picked
Mesaverde Marker	6597 / 6362
Williams Fork	7354 / 7093
Top Gas	8205 / 7937
Coal Ridge	9332 / 9063
Rollins	10136 / 9868
Cozzette	10648 / 10379
Corcoran	10844 / 10575
Actual TD	10963' / 10693'

Production Casing	10952' / 10683'
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4.5" 11.6# P110 BTC

Cement with:

Lead: 519 sxs 12# TXI at 1.79 ft³/sk

Tail: 473 sxs 13# TXI at 1.88 ft³/sk

Total: 992 sxs