

Surface
Federal

Minerals
Federal

Name
HMU 6-13AA (J6SEB)

Permit Estimated
Formation Tops
(MD / TVD)

Casing &
Hole size

Actual
Conditions
(MD / TVD)

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

16" Conductor @ 63'
Cement to surface with 5 yds redi-mix (114 sks)

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

Wasatch	Surface / Surface
	12.25" Surface Hole 1278 / 1247.79

Surface Casing	1257 / 1230
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9.625" - 36# - 55 Grade - 8 Round
Cement to surface with:
Lead: 324 sxs 12.5 Glass G 2.11 ft³/sk
Tail: 134 sx, 15.8, Class G 1.17 ft³/sk
Total: 458 sx
(volume includes 80% excess)

Surface Casing	1258 / 1229
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9.625" - 36# - 55 Grade - 8 Round
Cemented to surface with
Lead: 325 sks 12.5ppg Class G 2.11 ft³/sk
Tail: 135 sks 15.8ppg Class G 1.16 ft³/sk
Total: 460 sks
64 bbls cement return to surface

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

7.875" Production Hole 7265 / 7008.83

TOC Requirement 200 ft above Mesa V

TOC from CBL: 4654 / 4476.98

Ohio Creek	- / -
Mesaverde Marker	5370 / 5164
Williams Fork	5999 / 5766
Top Gas	7060 / 6805
Coal Ridge	8130 / 7875
Rollins	8884 / 8629
Cozzette	- / -
Corcoran	- / -
Permit TD	9134 / 8879

Ohio Creek	5331 / 5124
Mesaverde Marker	5331 / 5124
Williams Fork	5904 / 5673
Top Gas	7023 / 6766
Coal Ridge	8017 / 7760
Rollins	8755 / 8498
Cozzette	n/a / n/a
Corcoran	n/a / n/a
Actual TD	9024 / 8768

Production Casing	9134 / 8879
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4.5" - 11.6# - 80 Grade - Buttress
Cement with:
Lead: 422 sx, 12 TXI, 1.79 ft³/sk
Tail: 429 sx, 13 TXI, 1.43 ft³/sk
Total: 851 sx
(volume includes 30% excess)

Production Casing	9004 / 8748
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4.5" - 11.6# - 80 Grade - Buttress
Cement with:
Lead 534 sks, 12 ppg, TXI, 1.79 ft³/sk
Tail 325 sks, 13 ppg, TXI, 1.88 ft³/sk
Total: 859 sks

