

Surface
Federal

Minerals
Federal

Name
HMU 6-15D (J6SEB)

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	1258	/	1230
----------------	------	---	------

9.625" - 36# - 55 Grade - 8 Round

Cement to surface with:

Lead: 325 sxs 12.5 Glass G 2.11 ft³/sk

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

Total: 459 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	-	/	-
Mesaverde Marker	5178	/	4984
Williams Fork	5806	/	5586
Top Gas	6866	/	6625
Coal Ridge	7937	/	7695
Rollins	8691	/	8449
Cozzette	-	/	-
Corcoran	-	/	-
Permit TD	8941	/	8699

Production Casing	8941	/	8699
-------------------	------	---	------

4.5" - 11.6# - 80 Grade - Buttress

Cement with:

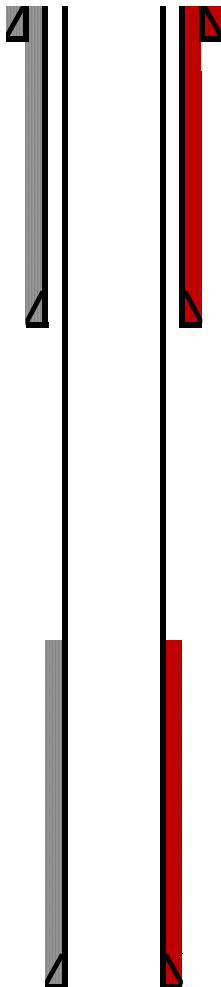
Lead: 421 sx, 12 TXI, 1.79 ft³/sk

Tail: 430 sx, 13 TXI, 1.43 ft³/sk

Total: 851 sx

(volume includes 30% excess)

Casing &
Hole size



Actual
Conditions
(MD / TVD)

16" Conductor @ 65'

Cement to surface with 5 yds redi-mix (114 sks)

Wasatch	Surface /	Surface
---------	-----------	---------

12.25" Surface Hole **1291 / 1259.6**

Surface Casing	1272	/	1241.54
----------------	------	---	---------

9.625" - 36# - 55 Grade - 8 Round

Cemented to surface with

Lead: 328 sks 12.5ppg Class G 2.11 ft³/sk

Tail: 135 sks 15.8ppg Class G 1.16 ft³/sk

Total: 463 sks

55 bbls cement return to surface

7.875" Production Hole **6609 / 6367.52**

TOC from CBL: **4660 / 4483.96**

Ohio Creek	5195	/	4995
Mesaverde Marker	5195	/	4995
Williams Fork	5783	/	5558
Top Gas	6811	/	6569
Coal Ridge	7921	/	7679
Rollins	8690	/	8448
Cozzette	n/a	/	n/a
Corcoran	n/a	/	n/a
Actual TD	8843	/	8601

Production Casing	8825	/	8583
-------------------	------	---	------

4.5" - 11.6# - 80 Grade - Buttress

Cement with:

Lead 519 sks, 12 ppg, TXI, 1.79 ft³/sk

Tail 486 sks, 13 ppg, TXI, 1.88 ft³/sk

Total: 1005 sks