

Surface
Federal

Minerals
Federal

Name
HMU 6-15A (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 @ 66'
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 1370 / 1356.65

Surface Casing	1348 / 1335
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9.625" - 36# - 55 Grade - 8 Round

Cement to surface with:

Lead: 349 sxs 12.5 Glass G 2.11 ft³/sk

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

Total: 483 sx

(volume includes 80% excess)

Surface Casing	1353 / 1339.98
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9.625" - 36# - 55 Grade - 8 Round

Cemented to surface with

Lead: 350 sks 12.5ppg Class G 2.11 ft³/sk

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

Total: 485 sks

66 bbls cement return to surface

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

7.875" Production Hole 6418 / 6324.42

TOC Requirement 200 ft above Mesa V

TOC from CBL: 4498 / 4432.76

Ohio Creek	- / -
Mesaverde Marker	5051 / 4981
Williams Fork	5663 / 5583
Top Gas	6713 / 6622
Coal Ridge	7783 / 7692
Rollins	8537 / 8446
Cozzette	9113 / 9022
Corcoran	9277 / 9186
Permit TD	9877 / 9786

Ohio Creek	5072 / 4997
Mesaverde Marker	5072 / 4997
Williams Fork	5643 / 5559
Top Gas	6658 / 6564
Coal Ridge	7783 / 7689
Rollins	8546 / 8451
Cozzette	9019 / 8925
Corcoran	9202 / 9108
Actual TD	9818 / 9723

Production Casing	9877 / 9786
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4.5" - 11.6# - 80 Grade - Buttress

Cement with:

Lead: 415 sx, 12 TXI, 1.79 ft³/sk

Tail: 655 sx, 13 TXI, 1.43 ft³/sk

Total: 1071 sx

(volume includes 30% excess)

Production Casing	9798 / 9703
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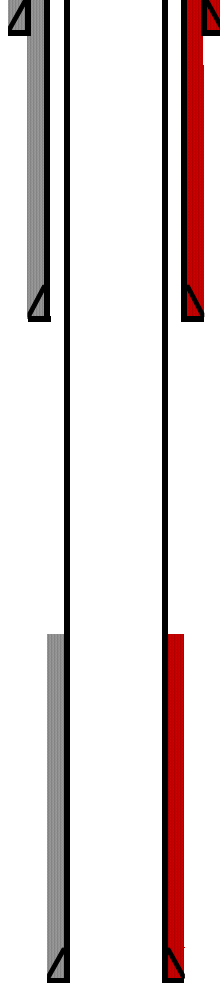
4.5" - 11.6# - 80 Grade - Buttress

Cement with:

Lead 510 sks, 12 ppg, TXI, 1.79 ft³/sk

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

Total: 996 sks



Well:	HMU 6-15A
Pad:	J6SEB
API No:	0504521936
Permit No:	

Bradenhead Pressure Report Following Primary Cement Job

Date Cemented:	09/08/2013
Plug Bumped:	yes

Annular Fluid Level After Job (Static or Falling?):	static	
If falling, barrels of mud added until stabilized:	n/a	barrels

WOC Time:	6 hrs
Bond Log Run:	Temp Log & CBL

Casing Slips Set:	yes
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Brandenhead Pressures

6 hrs:	0	psig
12 hrs:	0	psig
24 hrs:	0	psig
48 hrs:	0	psig
72 hrs:	0	psig

Comments

100% return during the cement job. The annulus stayed full and static. A Temp Log was run 6hrs after CIP. A CBL was performed when the rig moved off the pad.