

## Well Name: Rose 22-11B (K22W)

### 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	1054 /	1050
<b>9.625" - 36# - 55 Grade - 8 Round</b>		

Cement to surface with:

Lead: 270 sxs 12.5 Glass G 2.11 ft³/sk

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

Total: 404 sx

(volume includes 80% excess)

**8.75" Hole to Top of Gas**

**7.875" Hole to TD**

**TOC requirement 500ft above TOG**

Ohio Creek	5411 /	5382
Mesaverde Marker	5411 /	5382
Williams Fork	6011 /	5979
Top Gas	7041 /	7004
Coal Ridge	8118 /	8081
Rollins	8969 /	8932
Cozzette	- /	-
Corcoran	- /	-
Permit TD	9219 /	9182

Production Casing	9219 /	9182
<b>4.5" - 11.6# - 80 Grade - Buttress</b>		

Cement with:

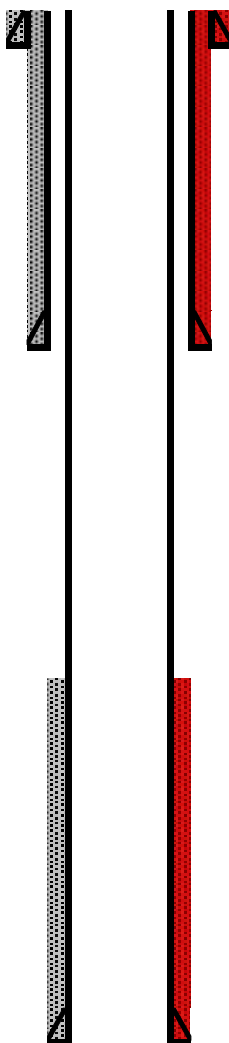
Lead: 112 sx, 12 TXI, 1.79 ft³/sk

Tail: 451 sx, 13 TXI, 1.43 ft³/sk

Total: 563 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
	12.25" Surface Hole	1091' MD

Surface Casing	1081 /	1077
<b>9-5/8"</b>		

Cemented to surface with

Lead: 262 sxs 12.5 Glass G 2.11 ft³/sk

Tail: 149 sx, 15.8, Class G 1.16 ft³/sk

Total: 411 sx

**8.75" Hole to 7158'**

**7.875" Production Hole 9140' / 9105'**

**TOC from CBL: 4050'**

Ohio Creek	5362 /	5333
Mesaverde Marker	5362 /	5333
Williams Fork	5979 /	5947
Top Gas	6827 /	6792
Coal Ridge	8137 /	8102
Rollins	8785 /	8750
Cozzette	/	
Corcoran	/	
Actual TD	9140 /	9105

Production Casing	9114 /	9066
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Cement with:

Lead: 520 sx, 12 TXI, 1.79 ft³/sk

Tail: 336 sx, 13 TXI, 1.88 ft³/sk

Total: 856 sx