

Surface
FEE

Minerals
FEE

Name
SHIDELER 19-14D (O19EB)

**Permit Estimated
Formation Tops
(MD / TVD)**

16" Conductor @ 40'

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	1508 / 1500
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9.625" - 36# - 55 GRADE - 8 ROUND

Cement to surface with:

Lead: 391 sxs 12.5 Glass G 2.11 ft³/sk

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

Total: 525 sx

(volume includes 80% excess)

8.75" Hole to Top of Gas

7.875" Hole to TD

TOC requirement 500ft above TOG

Ohio Creek	- / -
Mesaverde Marker	4105 / 4077
Williams Fork	4593 / 4562
Top Gas	5489 / 5453
Coal Ridge	6915 / 6879
Rollins	7596 / 7560
Cozzette	8149 / 8113
Corcoran	8347 / 8311
Permit TD	8927 / 8891

Production Casing	8927 / 8891
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4.5" - 11.6# - 80 GRADE - BUTTRESS

Cement with:

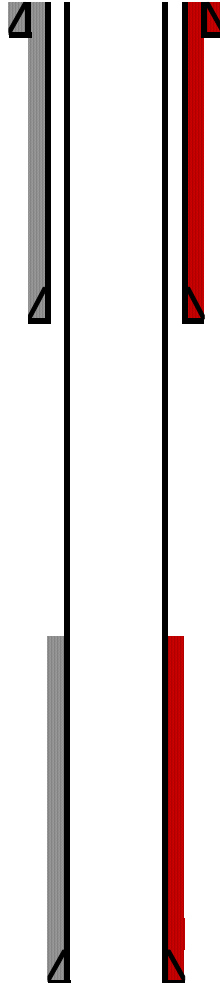
Lead: 112 sx, 12 TXI, 1.79 ft³/sk

Tail: 712 sx, 13 TXI, 1.43 ft³/sk

Total: 823 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 190' MD	
12.25" Surface Hole	

Surface Casing	1550 / 1540
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9-5/8" 36# J55 LTC

Cemented to surface with

Lead 385sxs 12.5# G at 2.11 ft³/sk

Tail 149 sxs 15.8# G at 1.18 ft³/sk

Total 534sxs

8.75" Hole to 6512' MD

7.875" Production Hole to TD

TOC from CBL: 4970' MD

Ohio Creek (not picked)

Mesaverde Marker 3863 / 3830

Williams Fork 4566 / 4606

Top Gas 5271 / 5228

Coal Ridge 6695 / 6741

Rollins 7397 / 7443

Cozzette N/A / N/A

Corcoran N/A / N/A

Actual TD 8880 / 8834

Production Casing	8848 / 8802
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4.5" 11.6# S80 BTC

Cement with:

Lead: 466 sxs 12# TXI at 1.79 ft³/sk

Tail: 585 sxs 13# TXI at 1.88 ft³/sk

Total: 1051 sxs