

Surface
FEE

Minerals
FEE

Name
Shideler 19-16C (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	1523 / 1500
-----------------------	--------------------

9.625" - 36# - 55 GRADE - 8 ROUND

Cement to surface with:

Lead: 396 sxs 12.5 Glass G 2.11 ft³/sk

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

Total: 529 sxs

(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	3917 / 3838
Williams Fork	4414 / 4323
Top Gas	5316 / 5214
Coal Ridge	6742 / 6640
Rollins	7423 / 7321
Cozzette	7976 / 7874
Corcoran	8174 / 8072
Permit TD	8754 / 8652

Production Casing	8754 / 8652
--------------------------	--------------------

4.5" - 11.6# - 80 GRADE - BTC

Cement with:

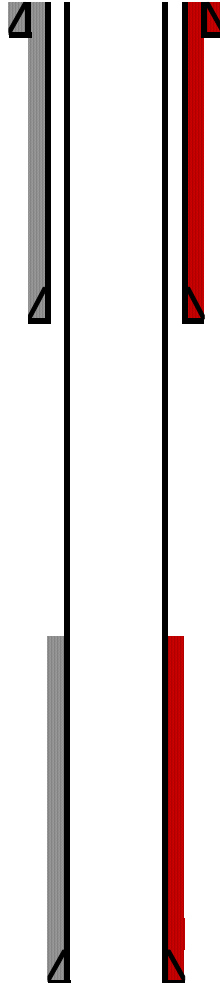
Lead: 112 sxs, 12 TXI, 1.79 ft³/sk

Tail: 712 sxs, 13 TXI, 1.43 ft³/sk

Total: 823 sxs

(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	1527 / 1499
-----------------------	--------------------

9-5/8" 36# J55 LTC

Cemented to surface with

Lead: 386 sxs 12.5# G at 2.11 ft³/sk

Tail: 149 sxs 15.8# G at 1.18 ft³/sk

Total: 535 sxs

8.75" Hole to 6516' MD

7.875" Production Hole

TOC from CBL: 4792' MD

Ohio Creek (not picked)	
Mesaverde Marker	4342 / 4255
Williams Fork	4916 / 4822
Top Gas	5808 / 5713
Coal Ridge	7261 / 7165
Rollins	7951 / 7855
Cozzette	N/A / N/A
Corcoran	N/A / N/A
Actual TD	8715 / 8619

Production Casing	8672 / 8576
--------------------------	--------------------

Cement with:

Lead: 468 sxs 12# TXI at 1.73 ft³/sk

Tail: 596 sxs 13# TXI at 1.88 ft³/sk

Total: 1064 sxs