

Surface
FEE

Minerals
FEDERAL

Name
SHIDELER FED. 19-13D (O19EB)

Permit Estimated
Formation Tops
(MD / TVD)

Casing &
Hole size

Actual
Conditions
(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	1122 / 1088
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9.625" - 36# - 55 GRADE - 8 ROUND

Cement to surface with:

Lead: 288 sxs 12.5 Glass G 2.11 ft³/sk

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

Total: 422 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	4668 / 4298
Williams Fork	5195 / 4783
Top Gas	6101 / 5674
Coal Ridge	7527 / 7100
Rollins	8208 / 7781
Cozzette	- / -
Corcoran	- / -
Permit TD	8458 / 8031

Production Casing	8458 / 8031
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4.5" - 11.6# - 80 GRADE - BTC

Cement with:

Lead: 364 sx, 12 TXI, 1.79 ft³/sk

Tail: 488 sx, 13 TXI, 1.43 ft³/sk

Total: 852 sx

(volume includes 30% excess)

16" Conductor @ 40'

Cement to surface with 5 yds redi-mix

Wasatch	Surface/ Surface
14-3/4" to 190' MD	
12-1/4" to Surface TD	

Surface Casing	1129 / 1090
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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

8-3/4" bit to 7433' MD

7-7/8" bit to TD

TOC from CBL: 3400' MD

Ohio Creek (not picked)

Mesaverde Marker 4332 / 3983

Williams Fork 4957 / 4552

Top Gas 5814 / 5386

Coal Ridge 7260 / 6824

Rollins 7949 / 7319

Cozzette N/A / N/A

Corcoran N/A / N/A

Actual TD 8408 / 7978

Production Casing	8388 / 7958
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4-1/2" 11.6# S80 BTC

Cement with:

Lead: 476 sxs 12# TXI at 1.79 ft³/sk

Tail: 434 sxs 13# TXI 1.88 ft³/sk

Total 910 sxs