

Surface
Fee

Minerals
Fee

Name
EnCana Fee 24-9B (K19CNE)

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

16" Conductor @ 40'

Cement to surface with 5 yds redi-mix

Wasatch	Surface / Surface
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12 1/4 Surface Hole

Surface Casing	1281 / 1261
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9.625" - 36# - 55 Grade - 8 Round

Cement to surface with:

Lead: 268 sxs 12.5 Glass G 2.11 ft³/sk

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

Total: 402 sx

(volume includes 80% excess)

7 7/8 Production Hole

TOC requirement 500ft above TOG

Ohio Creek	-	/	-
Mesaverde Marker	3924	/	3826
Williams Fork	4541	/	4424
Top Gas	5772	/	5633
Coal Ridge	6898	/	6759
Rollins	7648	/	7509
Cozzette	-	/	-
Corcoran	-	/	-
Permit TD	7898	/	7759

Production Casing	7898 / 7759
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4.5" - 11.6# - 80 Grade - Buttress

Cement with:

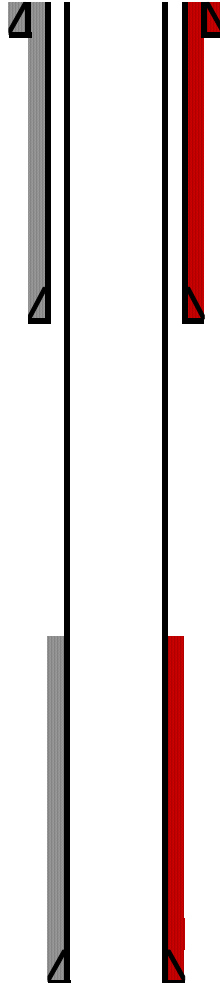
Lead: 83 sx, 12 TXI, 1.79 ft³/sk

Tail: 440 sx, 13 TXI, 1.43 ft³/sk

Total: 523 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
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12 1/4 Surface Hole

Surface Casing	1308 / 1283
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9-5/8" 36" J55 LTC

Cemented to surface with

Lead: 325 sxs 12.5# G at 2.11 ft³/

Tail 149 sxs 15.8# G at 1.17 ft³/sk

Total: 474 sxs

8.75" Hole to 7779' MD

TOC from CBL: 2688' MD

Ohio Creek	Not picked
Mesaverde Marker	3783 / 3685
Williams Fork	4528 / 4408
Top Gas	5419 / 5284
Coal Ridge	6638 / 6501
Rollins	7605 / 7469
Cozzette	N/A / N/A
Corcoran	N/A / N/A
Actual TD	7779 / 7642

Production Casing	7755 / 7618
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4.5" 11.6# S80 BTC

Cement with:

Lead: N/A

Tail: 1083 sxs 13.5# TXI at 1.68 ft³/sk

Total: 1083 sxs