

Surface
Fee

Minerals
Fee

Name
EnCana Fee 24-1B (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	1375 / 1309
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9.625" - 36# - 55 Grade - 8 Round

Cement to surface with:

Lead: 293 sxs 12.5 Glass G 2.11 ft³/sk

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

Total: 427 sx

(volume includes 80% excess)

7 7/8 Production Hole

TOC requirement 500ft above TOG

Ohio Creek	-	/	-
Mesaverde Marker	4450	/	3961
Williams Fork	5157	/	4571
Top Gas	6396	/	5732
Coal Ridge	7541	/	6877
Rollins	8291	/	7627
Cozzette	-	/	-
Corcoran	-	/	-
Permit TD	8541	/	7877

Production Casing	8541 / 7877
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4.5" - 11.6# - 80 Grade - Buttress

Cement with:

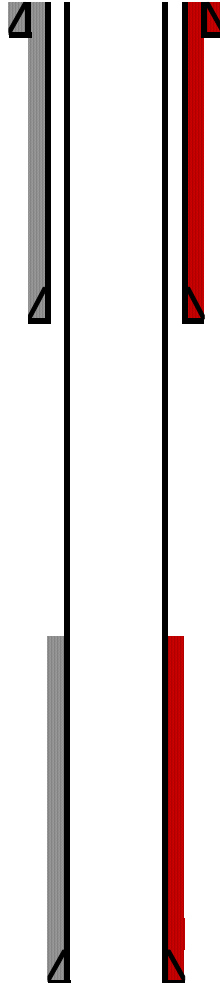
Lead: 83 sx, 12 TXI, 1.79 ft³/sk

Tail: 444 sx, 13 TXI, 1.43 ft³/sk

Total: 527 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	1392 / 1318
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9-5/8" 36" J55 LTC

Cemented to surface with

Lead: 347 sxs 12.5# G at 2.11 ft³/sk

Tail: 149 sxs 15.8# G at 1.17 ft³/sk

Total: 496 sxs

8.75" Hole to 6259' MD

7 7/8 Production Hole

TOC from CBL: 3650' MD

Ohio Creek	Not picked
Mesaverde Marker	5356 / 3854
Williams Fork	5085 / 4490
Top Gas	6185 / 5536
Coal Ridge	7293 / 6642
Rollins	8217 / 7566
Cozzette	N/A / N/A
Corcoran	N/A / N/A
Actual TD	8460 / 7808

Production Casing	8441 / 7789
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4.5" 11.6# S80 BTC

Cement with:

Lead: N/A

Tail: 998 sxs 13.5# TXI at 1.68 ft³/sk

Total: 998 sxs