

Surface
Fee

Minerals
Fee

Name
EnCana Fee 24-1A (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	1472 / 1406
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9.625" - 36# - 55 Grade - 8 Round

Cement to surface with:

Lead: 319 sxs 12.5 Glass G 2.11 ft³/sk

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

Total: 453 sx

(volume includes 80% excess)

7 7/8 Production Hole

TOC requirement 500ft above TOG

Ohio Creek	-	/	-
Mesaverde Marker	4321	/	3936
Williams Fork	5007	/	4546
Top Gas	6239	/	5708
Coal Ridge	7383	/	6852
Rollins	8133	/	7602
Cozzette	8682	/	8151
Corcoran	8950	/	8419
Permit TD	9571	/	9040

Production Casing	9571 / 9040
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4.5" - 11.6# - 80 Grade - Buttress

Cement with:

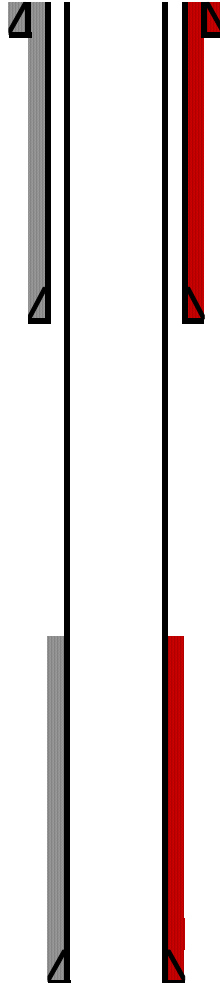
Lead: 83 sx, 12 TXI, 1.79 ft³/sk

Tail: 690 sx, 13 TXI, 1.43 ft³/sk

Total: 773 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	1500 / 1420
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9-5/8" 36" J55 LTC

Cemented to surface with

Lead: 373 sxs 12.5# G at 2.11 ft³/sk

Tail: 149 sxs 15.8# G at 1.18 ft³/sk

Total: 522 sxs

8.75" Hole to 6547' MD

7 7/8 Production Hole

TOC from CBL: 3685' MD

Ohio Creek	Not picked
Mesaverde Marker	4254 / 3853
Williams Fork	4991 / 4509
Top Gas	6072 / 5547
Coal Ridge	7188 / 6662
Rollins	8092 / 7565
Cozzette	8663 / 8136
Corcoran	8931 / 8404
Actual TD	9515 / 8988

Production Casing	9497 / 8890
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4.5" 11.6# S80 BTC

Cement with:

Lead: N/A

Tail: 1064 sxs 14.5# G at 1.93 ft³/sk

Total: 1064 sxs