

DAKOTA

exploration

Drilling Engineer: Eric Sundstrom

Geologist: Jake Cinnamon

Well Name:

State 6-81-24-4

Pilot & 2nd Sidetrack (Phase 3)

Formation:

Niobrara

County, State:

Jackson, CO

Surface Location:

672' FNL, 1376' FWL

KB Elevation:

8394'

Ground Elevation:

8374'

Drill w/ 12-1/4" bit

Cement to
surface
w/ 421 sks

Drill w/ 8-3/4" bit

Top of cement
@ 5000'

KOP = 5480'

9-5/8", 36 ppf, J-55 set @ 760'

7", 26 ppf, N-80, LTC from surface - 92° (6520' MD)

4-1/2" Liner Top 100' above KOP @ 5350' MD

Open-hole water swellable packer @ 6650'

4-1/2", 11.6 ppf, P-110, LTC set from 5350'-8400'
slotted liner from 6600'-8800' MD
Drill lateral w/ 6-1/8" bit

PBHL

TMD: 8800'

TVD: 6128'

Inc: 92°