

Well Information**Codell-Niobrara**

Kreykes	13-15
4 1/2" Production Casing	0 - 7400 ft (MD)
Outer Diameter	4.500 in
Inner Diameter	4.000 in
Linear Weight	11.60 lbm/ft
Niobrara Formation	6933 - 7059 ft (MD)
Niobrara A Perforation Interval	6933 - 6947 ft (MD)
Number Of Perforations	14
Shot Density	1 spf
Shot Phasing	60 DEG
Perforation Diameter	0.420 in
Niobrara B Perforation Interval	7046 - 7052 ft (MD)
Number Of Perforations	12
Shot Density	2 spf
Shot Phasing	90 DEG
Perforation Diameter	0.420 in
Niobrara B #2 Perforation Interval	7056 - 7059 ft (MD)
Number Of Perforations	6
Shot Density	2 spf
Shot Phasing	60 DEG
Perforation Diameter	0.420 in
Codell Formation	7232 - 7248 ft (MD)
Codell Perforation Interval	7232 - 7248 ft (MD)
Number Of Perforations	64
Shot Density	4 spf
Shot Phasing	60 DEG
Perforation Diameter	0.420 in