

# Moran Trust 2 1

API #: 0500507207

## Niobrara

Arapahoe, Colorado

### Proposed Vertical Wellbore Schematic

GL: 5,975'

KB: 5,999'

TOC 1, 406'

2,269'

9-5/8" 36# J-55 Shoe

Niobrara A perms:  
7,580' - 7,584'

Install Casing patch

Niobrara C perms - Isolated  
7,688'-7,692'

PBTD 7,920'  
TD 8,015'

7" 32# P110 Shoe

String	Size	Weight	Grade	Thread	Top	Bottom	TOC
Surface	9 5/8"	36	J-55	STC	24'	2,269'	24.0'
Production	7"	32	P-110	BTC	24'	8,015'	1406

String	Drift (in)	Capacity	Burst	Collapse	Tension
Surface	8.765	0.0773	3061	1,924	281,429
Production	5.969	0.0361	9500	10162	301,429