

## East Sauls Creek 35-4-2 PROPOSED HORIZONTAL WELLBORE SCHEMATIC (NOT TO SCALE)

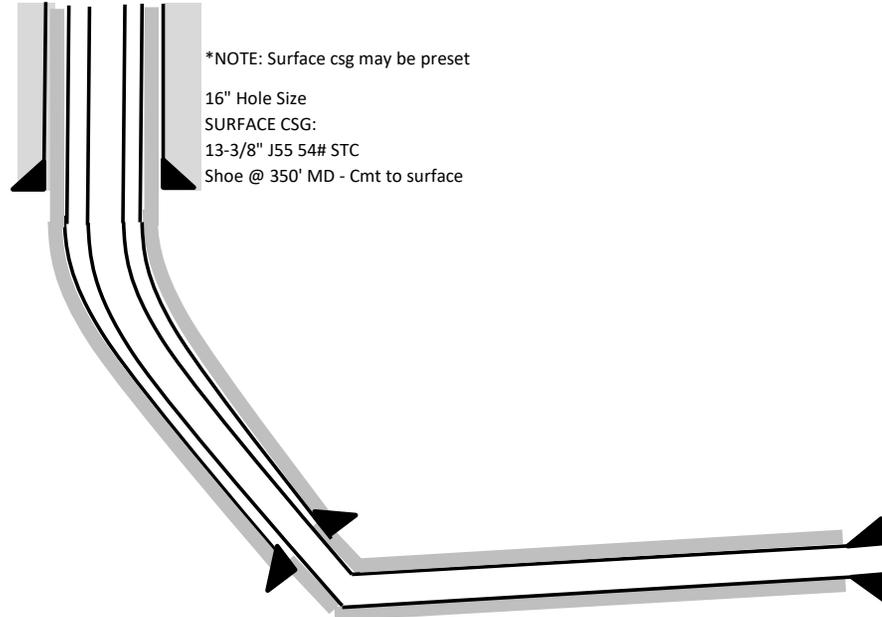
Revised: 12/21/2016

Depths referenced to GL of 7398' & RKB 11' @ 7409'

Marker	TVD	MD
Animas	11'	11'
Lwr. Animas	1274'	1274'
Kirtland Sh	1714'	1714'
Farmington Ss	1899'	1899'
Lwr. Kirtland Sh	2364'	2364'
Fruitland Coal	2499'	2499'
Pictured Cliffs SS	2669'	2669'
<b>TOTAL DEPTH:</b>	<b>3360'</b>	<b>8647'</b>

**WEST**

**EAST**



\*NOTE: Surface csg may be preset  
 16" Hole Size  
 SURFACE CSG:  
 13-3/8" J55 54# STC  
 Shoe @ 350' MD - Cmt to surface

12-1/4" Hole Size  
 9 5/8" J55 36# LTC CSG  
 Shoe @ 2800' MD - Cmt to surface

8-3/4" Hole Size  
 5 1/2" P110 17# BTC CSG  
 Shoe @ 8647' MD - Cmt to overlap  
 previous 9 5/8" shoe

Expected Perforations for Completion:  
 Completions will perforate and frac the lateral where the wellbore intersects the Bayfield, Lemon, and Lwr Lemon. Exact depths will be determine by cased hole logs and mentioned in completion report.

Lateral Name	Top of Window (MD)	Base of Window (MD)	Bridge Plug (MD)	KOP (MD)	KOP (TVD)	KOP Method	TD (MD)	TD (TVD)	Production Casing (MD)	Production Casing (TVD)	Target Coal Zone	BHL
Horizontal	N/A	N/A	N/A	2708	2708	OH	8,647	3,360	8647	3360	Fruitland Coal	1407' FSL & 710' FEL (SEC 35-T35N-R6W)

\*NOTE: Tops are approximate and may shift based on tops after the vertical section is logged.