

**SUT E 2 - PROPOSED PILOT HOLE & MULTI-LATERAL WELLBORE SCHEMATIC (NOT TO SCALE)**

SHL (NAD 83): 37.10002294 N LAT / 107.61138299 W  
SEC 16 / T33N/ R07W - LA PLATA, COUNTY COLORADO  
1167' FSL 1815' FEL

Revised: 8/9/2016

Depths referenced to GL of 6443.33' & RKB 11' @ 6454.33'

Marker	TVD	MD
Animas	11'	11'

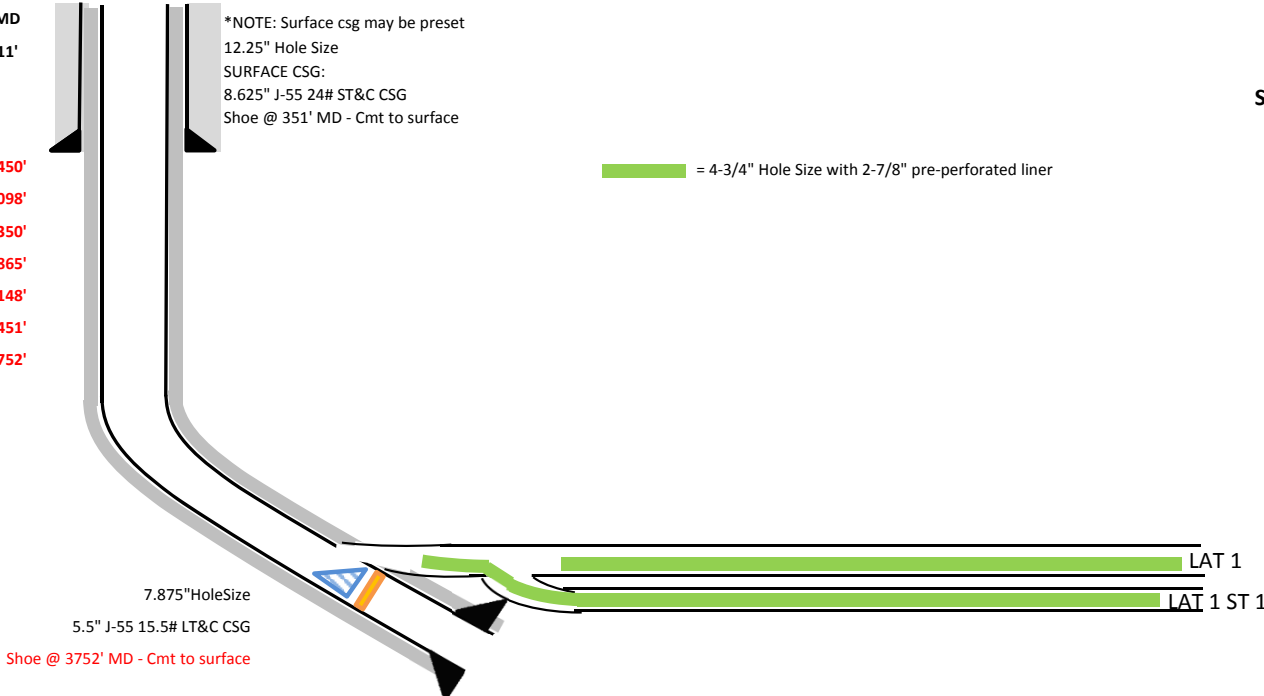
\*NOTE: Surface csg may be preset  
12.25" Hole Size  
SURFACE CSG:  
8.625" J-55 24# ST&C CSG  
Shoe @ 351' MD - Cmt to surface

NORTH

## SOUTH

Lwr. Animas	1211'	1450'
Kirtland Sh	1640'	2098'
Farmington Ss	1808'	2350'
Lwr. Kirtland Sh	2151'	2865'
Fruitland Coal	2339'	3148'
Pictured Cliffs SS	2541'	3451'
TOTAL DEPTH:	2741'	3752'

= 4-3/4" Hole Size with 2-7/8" pre-perforated liner



Lateral Name	Top of Window (MD)	Base of Window (MD)	Bridge Plug (MD)	KOP (MD)	KOP (TVD)	KOP Method	TD (MD)	TD (TVD)	Top of Liner (MD)	End of Liner (MD)	Target Formation	BHL	Top of Production
PILOT	N/A	N/A	N/A	150	150	OH	3752	2741	N/A	N/A	Fruitland Coal	1148' FNL & 1199' FEL SEC 21 / T33N / R07W	710' FNL & 1315' FEL SEC 21 / T33N / R07W
LAT 1	3394	3404	3409	3399.4	2506.1	Whipstock	7137.1	2490	3717	7137	Fruitland Coal	710' FSL & 1886' FEL SEC 21 / T33N / R07W	710' FNL & 1315' FEL SEC 21 / T33N / R07W
LAT 1 ST1	N/A	N/A	N/A	3642	2570.9	OH	6869.1	2502	3409	6869	Fruitland Coal	994' FSL & 732' FEL SEC 21 / T33N / R07W	710' FNL & 1315' FEL SEC 21 / T33N / R07W

\*NOTE: Tops are approximate and may shift based on tops after the pilot is logged. Number of whipstocks and KOPs will be adjusted for formation tops, BHA selection and casing collars. Whipstocks and bridge plugs to be removed after running the last liner. Casing exits and whipstock removals may be performed with a service rig.