

TIFFANY 2-4 - PROPOSED PILOT HOLE & MULTI-LATERAL WELLBORE SCHEMATIC (NOT TO SCALE)

SHL (NAD 83): 37.0972529 N LAT / 107.52741006 W
 SEC 17 / T33N / R06W - La Plata County, Colorado
 208' FSL 1575' FWL

Revised: 4/18/2016

Depths referenced to GL of 6669.66' & RKB 11' @ 6680.66'


Marker	TVD	MD
Animas	11'	11'

SOUTH WEST

Lwr. Animas	1960'	1997'
Kirtland Sh	2246'	2295'
Farmington Ss	2421'	2476'
Lwr. Kirtland Sh	2681'	2741'
Fruitland Coal	3063'	3124'
Pictured Cliffs SS	3261'	3322'
TOTAL DEPTH:	3461'	3522'

*NOTE: Surface csg may be preset
 12.25" Hole Size
 SURFACE CSG:
 9.625" J-55 36# LT&C CSG
 Shoe @ 450' MD - Cmt to surface

NORTH EAST

 = 6-1/8" Hole Size with 4-1/2" pre-perforated liner

8.75" Hole Size
 7" J-55 23# LT&C CSG
 Shoe @ 3522' MD - Cmt to surface

Expected Perforations for Pilot Hole Completion:

Thickness	Top Perf MD	Bottom Perf MD
8	3160	3168
25	3250	3275
26	3277	3303

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
PILOT	N/A	N/A	N/A	540	540	OH	3521.8	3461	N/A	N/A	Fruitland Coal	43' FSL & 1103' FWL SEC 17 / T33N / R06W
LAT 1	2785	2795	2800	2789.8	2729.7	Whipstock	8968.4	3196	3752	8968	Fruitland Coal	1775' FNL & 748' FWL SEC 19 / T33N / R06W
LAT 1 ST1	N/A	N/A	N/A	3677	3235.6	OH	8605.8	3201	2800	8606	Fruitland Coal	1322' FSL & 2594' FEL SEC 19 / T33N / R06W
LAT 2	2734	2744	2749	2739	2679.3	Whipstock	8928.1	3146	3750	8928	Fruitland Coal	1869' FNL & 784' FWL SEC 19 / T33N / R06W
LAT 2 ST1	N/A	N/A	N/A	3675	3208.9	OH	8512.7	3161	2749	8513	Fruitland Coal	1317' FSL & 2494' FEL SEC 19 / T33N / R06W

*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.