



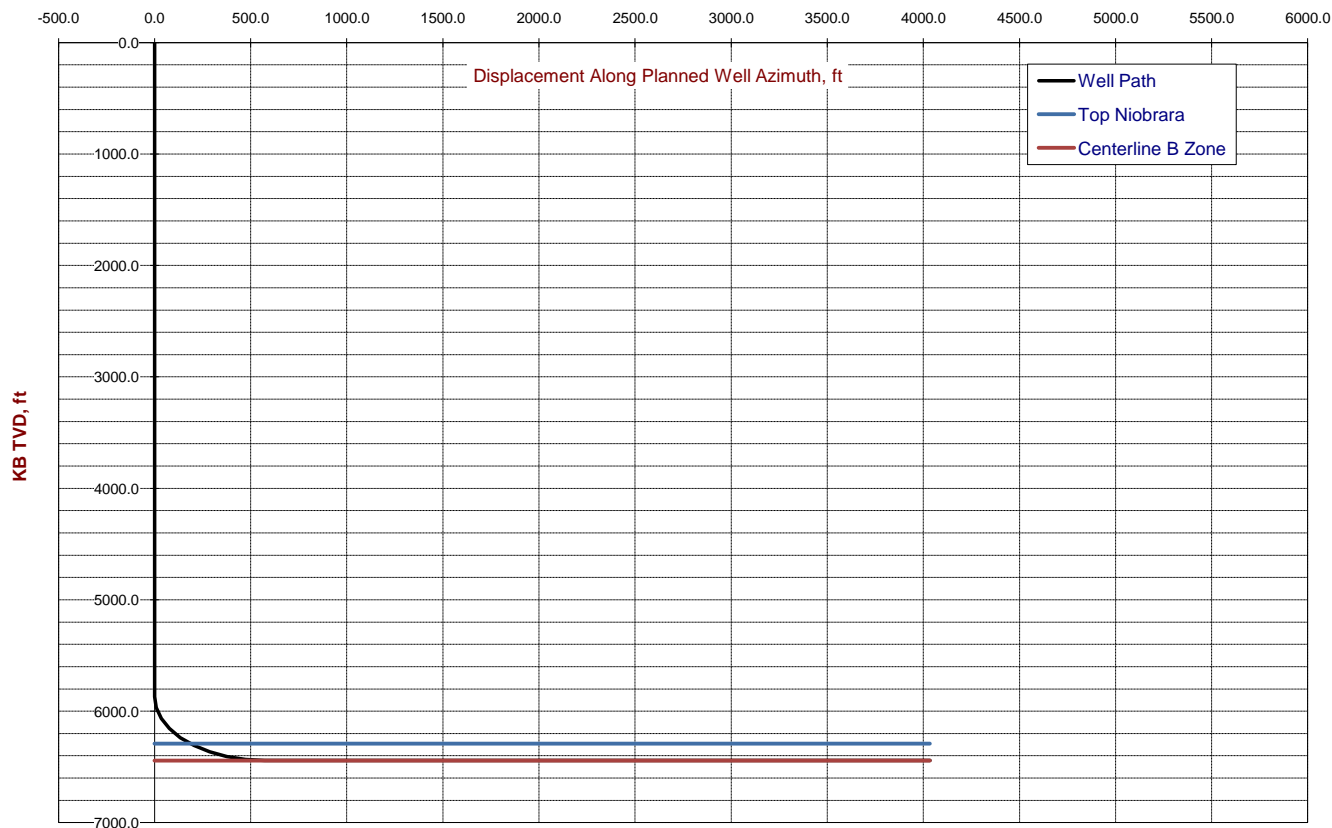
Directional Well Program

Well Name:	Orlando Hill 26-44-8-61	County	Weld	Engineer:	Fisher			
Date:	Carrizo Oil & Gas, Inc	State	Colorado					
Comments on Well Plan								
Well Information								
Casing Program	MD, ft	TVD	Size In	Well Dev, deg	Well Elevation - GL, ft	4982	Act	
					Rig Elevation to KB, ft	20	Est	
Surface	1400	1400	9 5/8"	0	Total Elevation correction, ft	5002		
Intermediate:	6769	6442	7"	90	Total Drilling Days:	20		
Production	10230	6442	4 1/2"	90				
	X	Y						
Surface Location:	3369975	1474272	Coordinate System - State Plane		NAD 83			
Bottom Hole Location:	3368970	1478179	Zone		Colorado North Zone			
Directional Summary								
Horizontal well targeting Niobrara	Plnd Well Az fr KOP		345.58	Grid	Total Measured Depth, ft		10230	
Prelim Well Plan	Ttl Projd Displ, ft along Az		4034		Total TVD, ft		6442	
Directional Event	MD	TVD	Dev, deg	BR deg/100'	TR deg/100'	Cumm Displ	Azimuth	Cls Az
Surface Location	0	0	0.00	0.00	0.00	0	0.00	5.71
Drill Surface hole, Set 9 5/8" Surf Csg	1400	1400	0.00	0.00	0.00	0	0.00	0.02
Drill to KOP Vertical Start Build	5869	5869	0.00	0.00	0.00	0	0.00	0.01
Build at 10 deg/100'	5969	5968	10.00	10.00	345.58	9	345.58	345.58
Land Well in Target, Set 7" Inter Csg	6769	6442	90.00	10.00	0.00	573	345.58	345.58
Drill out lateral, Run Prod Csg	10230	6442	90.00	0.00	0.00	4034	345.58	345.58
Target Information								
	Name	Well Intersection Point		KB, TVD	SS TVD	N-S	E-W	VS
SL	Surface Location	3369975	1474272	0	0	0	0.0	0
Target 1	Intersect Top Niobrara	3369928	1474455	6292	1290	182.8	-47.0	188.76
Target 2	Land Well In Target Set 7" Inter Csg	3369832	1474827	6442	1440	554.9	-142.7	572.96
Target 3								
BHL	Total Depth	3368970	1478179	6442	-1440	3907.0	-1004.6	4034
Notes								

Orlando Hill 26-44-8-61

Vertical Section

Planned Azimuth 345.58





CARRIZO OIL & GAS, INC.

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Plan View

Orlando Hill 26-44-8-61

Well Azimuth 345.58

