



Proposed Wellbore Diagram

Well: Valley Farms O 21C-15-06-92
API #: 05-045-22974-00
Pad: Valley Farms O
County: Garfield County, Colorado
Date: 9/13/2018

Location: Sec 15, T6S, R92W, 6th Principal Meridian
SHL: 606' FSL, 1386' FWL (Section 10)
 Lat: 39.535744492° N, Long: 107.657675932° W
BHL: 927' FNL, 1965' FWL (Section 15)
 Lat: 39.531550801° N, Long: 107.655571600° W

Logging	Formation	Depth		Diagram	Hole Size	Casing Specs	Cement	Mud	Directional
		MD	TVD				Temp		
None	Wasatch				12-1/4"	8-5/8", 32#, J-55, LTC	Lead cement to surface	Fresh water based mud	Vertical
	Surface Casing	1,000'	1,000'				500' of tail cement		
	Williams Fork	3,972'	3,748'		7-7/8"	4-1/2", 11.6#, P-110, LTC	Top of lead cement to 4,683'	Fresh water based mud	KOP @ 1100' Build @ 3.5°/100' @ 158.77° azi to 24.98° inc
	Top of Gas	5,683'	5,343'				Top of tail cement to 5,683'		Hold 24.98° inc
	Cameo	6,655'	6,315'						Start drop @ 4969' Drop @ 3.5°/100' back to vertical @ 5343' TVD
	Rollins	7,653'	7,313'						Hold vertical
	TD	8,153'	7,813'						Hold vertical
							200° F	10.5 ppg	