



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'				Top of lead cement to 4,683'	Fresh water based mud	KOP @ 1100' Build @ 3.5°/100' @ 158.77° azi to 24.98° inc Hold 24.98° inc
	Top of Gas	5,683'	5,343'		7-7/8"	4-1/2", 11.6#, P-110, LTC	Top of tail cement to 5,683'		Start drop @ 4969' Drop @ 3.5°/100' back to vertical @ 5343' TVD
	Cameo	6,655'	6,315'						Hold vertical
	Rollins	7,653'	7,313'						Hold vertical
	TD	8,153'	7,813'				200° F	10.5 ppg	