

TVD ft-RKB	Geological Tops	Wellbore Sketch	Hole Size	Casing	Drilling Fluids	Cement	Comments
1,000'	1,665 Rustler		26"	Surface: 20" 94# J55 BTC	FW Spud Mud 8.5 - 9.2 ppg 32 - 38 FV 4-6 PV 2-5 YP	Top of Lead: Surface 12.8 ppg 2.02 cuft/sk 1,791 sks - 100% XS Top of Tail: 1,200' 14.8 ppg 1.33 cuft/sk 1,203 sks - 100% XS	
2,000'	2,090 Salado		17-1/2"	Intermediate 1: 13-3/8" 68# J-55 BTC	Saturated Brine 9.8 - 10.1 ppg 28 - 32 FV	Stage 1 Top of Lead: 3,800' 11.5 ppg 2.43 cuft/sk 629 sks - 100% XS Top of Tail: 4,900' 14.8 ppg 1.33 cuft/sk 605 sks - 100% XS Stage 2 Did not Pump	
3,000'	3,665 Yates		12-1/4"	Intermediate 2: 9-5/8" 40# L80HC BTC	Cut Brine 9.0 - 9.3 ppg 28 - 32 FV	Stage 1 Top of Lead: 5,600' 11.5 ppg 2.43 cuft/sk 596 sks - 25% XS Top of Tail: 9,300' 14.2 ppg 1.47 cuft/sk 346 sks - 25% XS Stage 2 Top of Lead: Surface 11.5 ppg 2.43 cuft/sk 970 sks - 25% XS	
4,000'	4,085 Capitan Reef		8-3/4" Curve 8-1/2" Lateral	Drilling Liner 7-5/8" 29.7# P110 UFJ 9,746' - 11,714'	OBM 11.0 - 11.5 ppg 15 - 20 PV 8 - 12 YP	Top of Tail: 9,746' 15.6 ppg 1.19 cuft/sk 254 sks - 30% XS	
5,000'	5,435 Delaware Mtn		6.75" Sidetrack & Lateral	Production: 4-1/2" 13.5# P110 BTC	OBM 13.8 - 14.0 ppg 15 - 20 PV 8 - 12 YP	Top of Tail: 9,400' 15.2 ppg 1.26 cuft/sk 1,315 sks - 15% XS	Cased Hole Whip Set @ 11,600' - 11,615'
7,000'	8,167 Bone Spring						
9,000'	9,434 1st BS SS						
10,000'	9,675 2nd BS Carb						
11,000'	10,072 2nd BS SS 10,351 3rd BS Carb						
12,000'	10,949 3rd BS SS 11,198 Wolfcamp 11,305 Wolfcamp Carb 11,404 Target LP						18,900' MD 11,707' TVD