Coyote Trails 34S-20-14C

Operator: Chesapeake Operating, Inc.
Well: Coyote Trails 34S-20-14C
Lease: Coyote Trails
Location: SHL: 1,000' FSL & 1,000' FWL
Sec. 14-T34S-R20E
Meade County, KS
Rig: Nabors 516
Job Number: 0000000000
Survey Type: Definitive Survey
Survey Date: 10-Jan-2023
Magnetic Declination: 6.97°

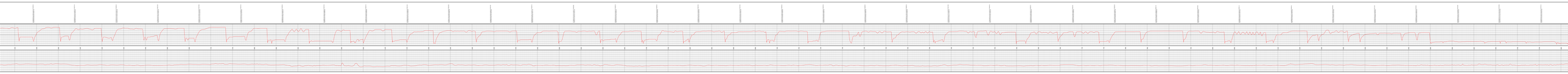
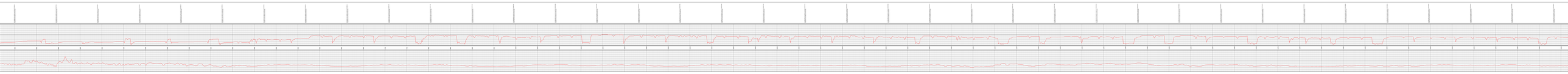
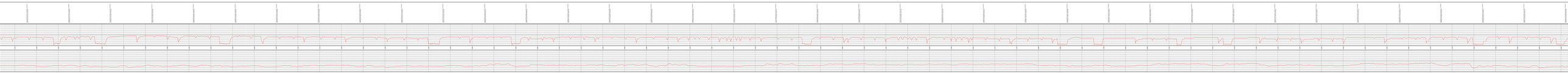
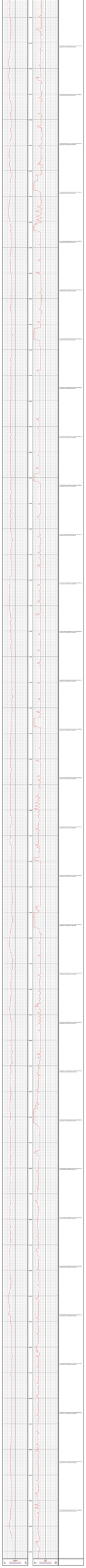
Survey Company: Ryan Directional Services, Inc.
Survey Engineer: Jeff Hall
Calculation Method: Minimum Curvature
Vertical Section Direction: 180.00°

Survey Type	MD	Inclination	Azimuth
Tie-In	0'	0.00°	0.00°
Build 1.5	1,000'	0.00°	0.00°
Build 2.5	1,500'	12.50°	180.00°
Hold	1,600'	15.00°	180.00°

Tie-In Point		
MD	0'	
TVD	0'	
Inclination	0.00°	
Azimuth	0.00°	
Latitude	37.0	
Longitude	-100.9	

Build 1.5		
MD	1,000'	
TVD	1,000'	
Inclination	0.00°	
Azimuth	0.00°	
Latitude	37.0	
Longitude	-100.9	

Build 2.5		
MD	1,500'	
TVD	1,500'	
Inclination	12.50°	
Azimuth	180.00°	
Latitude	37.0	
Longitude	-100.9	

Hold		
MD	1,600'	
TVD	1,600'	
Inclination	15.00°	
Azimuth	180.00°	
Latitude	37.0	
Longitude	-100.9	

MD	Inclination	Azimuth	TVD	Vertical Section	Latitude	Longitude	DLS
0'	0.00°	0.00°	0'	0'	37.0	-100.9	
1,000'	0.00°	0.00°	1,000'	0'	37.0	-100.9	0.00°/100'
1,500'	12.50°	180.00°	1,500'	109'	37.0	-100.9	2.50°/100'
1,600'	15.00°	180.00°	1,600'	135'	37.0	-100.9	2.50°/100'