Crestone Peak Warrior 28-10H-E3S

API: 05-123-49000
Field: WATTENBERG
Location: SWSE 28 3N 68W 6
Elevation: 4,787 ft
Operator: Crestone Peak Resources LLC
Job Date: Tuesday, October 19, 2021
Log Date: Tuesday, October 19, 2021
Reported by: Jeff Hoffman (Crestone Peak Resources LLC)
Algorithm: Survey Calculation Method: Minimum Curvature

Survey Calculation Method: Minimum Curvature
Vertical Section Azimuth: 0.000°
Vertical Section Origin: 0.00 ft, 0.00 ft
TVD Reference Datum: KB
TVD Reference Elevation: 4,787.00 ft above MSL
Seafloor Depth: 4,787.00 ft below MSL
Magnetic Declination: 7.000°
Total Gravity Field Strength: 998.3 mGn (9.80665 m/s²)
Gravity Model: GARM
Total Magnetic Field Strength: 48,599.0 nT
Magnetic Dip Angle: 63.000°
Declination Date: October 19, 2021
Magnetic Model: IGRF2020
North Reference: True North

Survey Type: Definitive Survey			
Tie On MD: 0.00 ft	**Tie On TVD:** 0.00 ft	**Tie On Inclination:** 0.000°	**Tie On Azimuth:** 0.000°

Survey Program			
MD From	**MD To**	**Survey**	**Company**
0.00 ft	20,900.00 ft	MWD+IFR2+SAG	Ryan

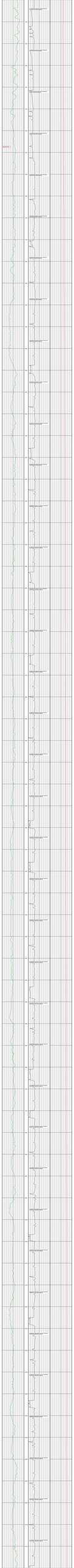
Projection To Bit				
MD	**Inc**	**Azi**	**TVD**	**+N/-S**	**+E/-W**
20,900.00 ft	0.000°	0.000°	20,900.00 ft	0.00 ft	0.00 ft

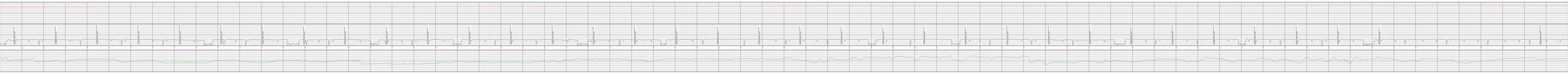
Vertical Section Information		
Angle	**Type**	**Value**
0.000°	Azimuth	0.000°
0.000°	Origin	+N/-S 0.00 ft
		+E/-W 0.00 ft

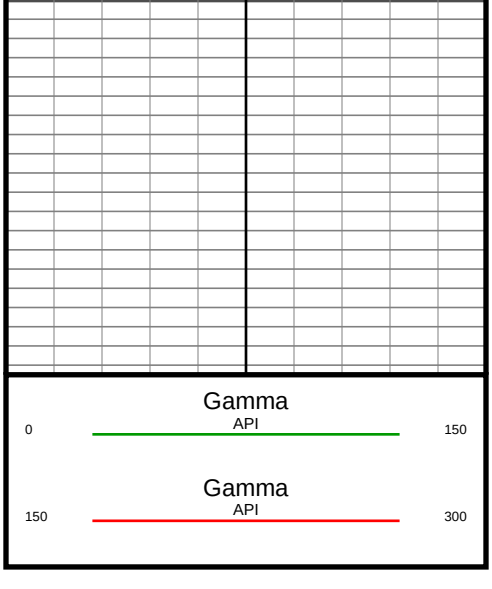
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dogleg	Vert Sect	Comments
ft	°	°	ft	ft	ft	°/100ft	ft	
0.00	0.000	0.000	0.00	0.00	0.00	0.00	0.00	Tie On
20,900.00	0.000	0.000	20,900.00	0.00	0.00	0.00	0.00	Projection To Bit

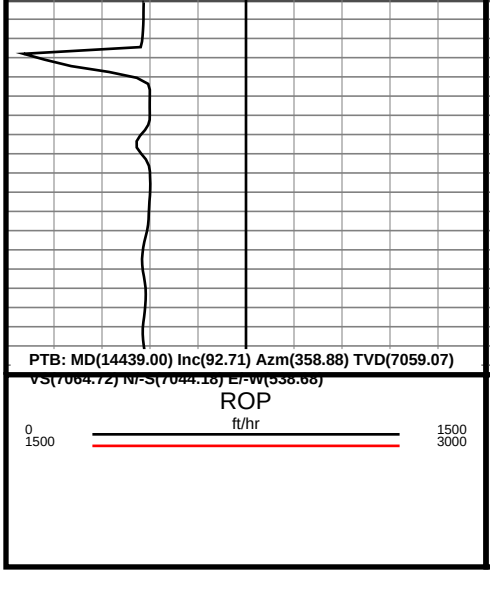
Survey Type: Definitive Survey
Survey Error Model: ISCWSA Rev 4 Ellipse
Survey Program: 0.00 ft to 20,900.00 ft
Coordinate System: NAD83 Colorado North (US Feet)
Scale Group: Plan: Crestone Peak Warrior 28-10H-E3S (Crestone Peak Warrior 28-10H-E3S)

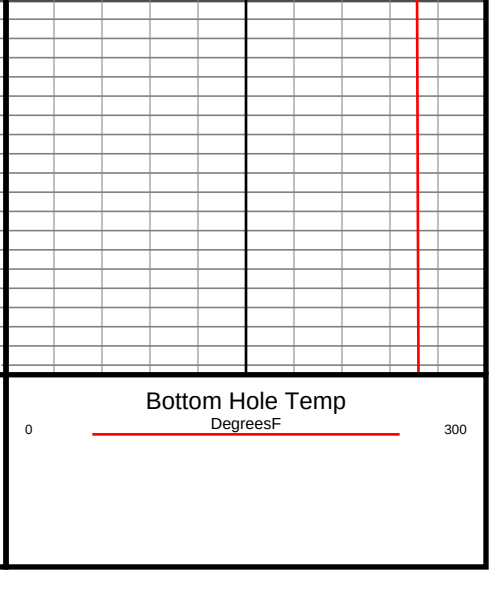
Plan: Crestone Peak Warrior 28-10H-E3S (Crestone Peak Warrior 28-10H-E3S)
Wellbore: Crestone Peak Warrior 28-10H-E3S
Design: Crestone Peak Warrior 28-10H-E3S






Gamma
API
0
150
Gamma
API
150
300


PTB: MD(14439.00) Inc(92.71) Azm(358.88) TVD(7059.07)
VS(7064.72) N/-S(7044.18) E/-W(538.68)
ROP
ft/hr
0
1500
1500
3000


Bottom Hole Temp
DegreesF
0
300