Prosper Farms A-05 11-12 ##H

Operator: Prosper Farms
Well: A-05 11-12 ##H
Field: Prosper Farms
County: Williams County, ND
Surface Location: 1,000' FNL & 1,000' FEL
Sec 11 - T153N - R102W
Bottom Hole Location: 1,000' FSL & 1,000' FEL
Sec 12 - T153N - R102W
Elevations: KB: 2,000 ft
DF: 1,975 ft
GL: 1,950 ft
Total Depth: 20,500 ft
Bit Size: 8.75 in
Mud Type: Oil Base
Mud Weight: 9.6 - 10.0 ppg
Max Gas: 10,000 units
Max Pump: 300 spm
Max Rate: 500 gpm
Max Pressure: 3,000 psi
Max Temp: 300 °F
Max Torque: 30,000 ft-lbs
Max Drag: 500,000 lbs
Max Vibration: 10 g
Max Shock: 100 g
Max Tilt: 90 °
Max Azimuth: 360 °
Max Dogleg: 10 °/100 ft

Date	Time	Depth	Activity

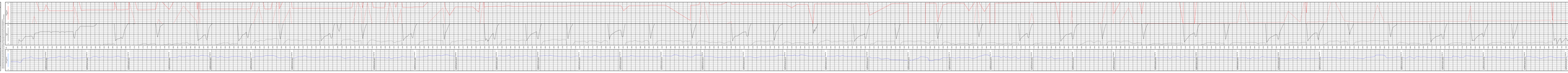
Bit Data									
Bit Number	Size	Type	Jets	Depth In	Depth Out	Footage	Hours	ROP	Condition

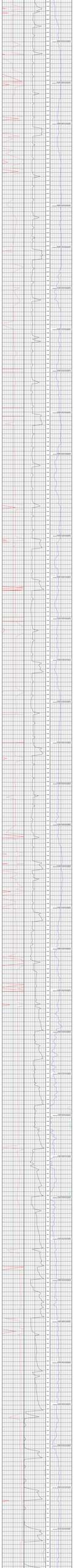
Bit Nozzle Velocity					
Nozzle 1	Nozzle 2	Nozzle 3	Nozzle 4	Nozzle 5	Nozzle 6

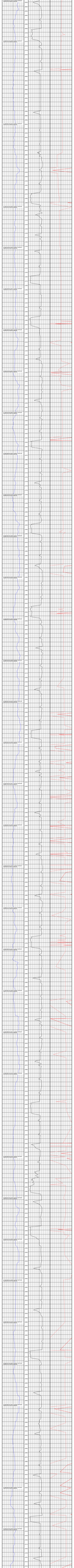
Bit Pressure Drop					
Nozzle 1	Nozzle 2	Nozzle 3	Nozzle 4	Nozzle 5	Nozzle 6

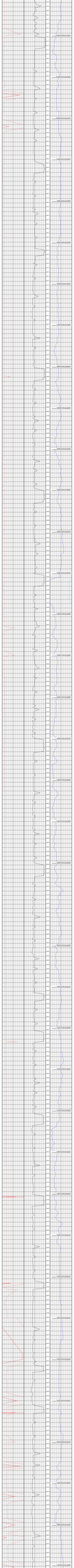
Bit Hydraulics							
Flow Rate	Pump Pressure	Bit Pressure Drop	Bit Impact Force	Bit Power	Bit Power / Area	Jet Velocity	Percent Bit Power

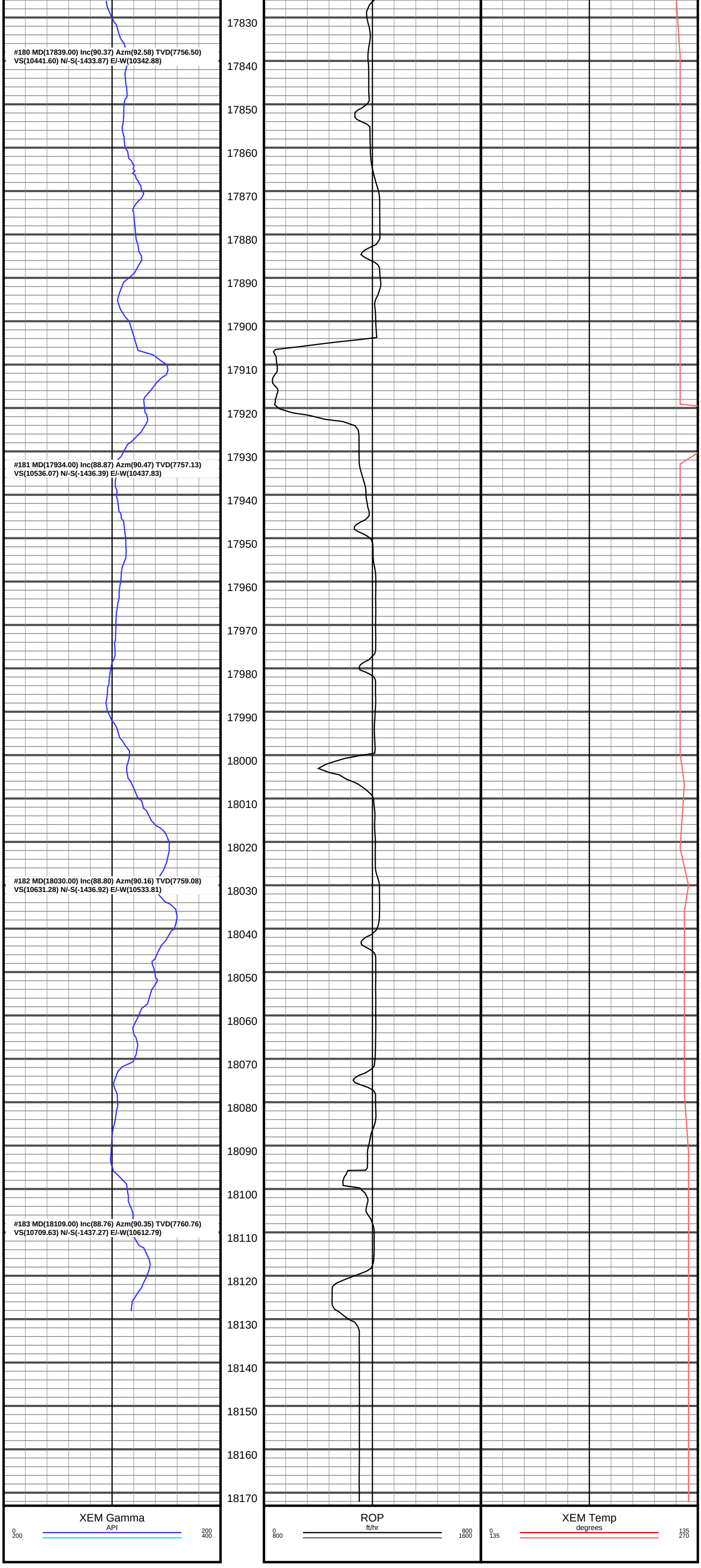
Bit Dull Characteristics							
Inner Rows	Outer Rows	Dull Char.	Gauge	Other	Bearing	Reason Pulled	Date Out










#180 MD(17839.00) Inc(90.37) Azm(92.58) TVD(7756.50)
VS(10441.60) N/-S(-1433.87) E/-W(10342.88)
#181 MD(17934.00) Inc(88.87) Azm(90.47) TVD(7757.13)
VS(10536.07) N/-S(-1436.39) E/-W(10437.83)
#182 MD(18030.00) Inc(88.80) Azm(90.16) TVD(7759.08)
VS(10631.28) N/-S(-1436.92) E/-W(10533.81)
#183 MD(18109.00) Inc(88.76) Azm(90.35) TVD(7760.76)
VS(10709.63) N/-S(-1437.27) E/-W(10612.79)
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XEM Gamma
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1600
XEM Temp
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270