Horsetail 07E-0601

TVD
5":100’

Company: Whiting Petroleum Corp.
Well Name: Horsetail 07E-0601
API: 05-123-41651-00
County/Parish: Weld
State: Colorado
Country: USA
Job number: GC-150052
Field: Wildcat
Rig Id: Unit 409
Survey Company: Precision Directional Services, Inc.

Log measurements:
Depth measured from:
Maximum temperature: 219

	Depth	Date
Start:	0 ft	12/29/15
End:	13523 ft	01/02/16

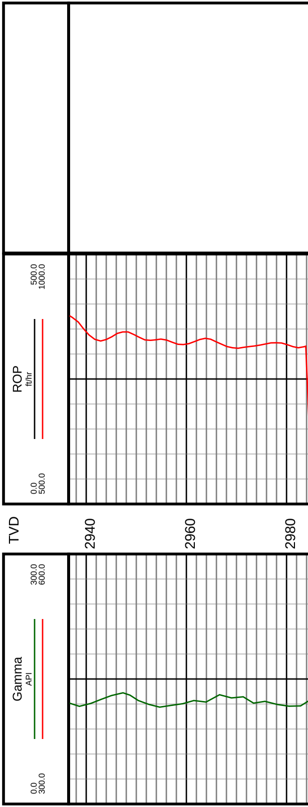
Casing	Depth	Size
Surface:	2020 ft	
Intermediate:	13523 ft	

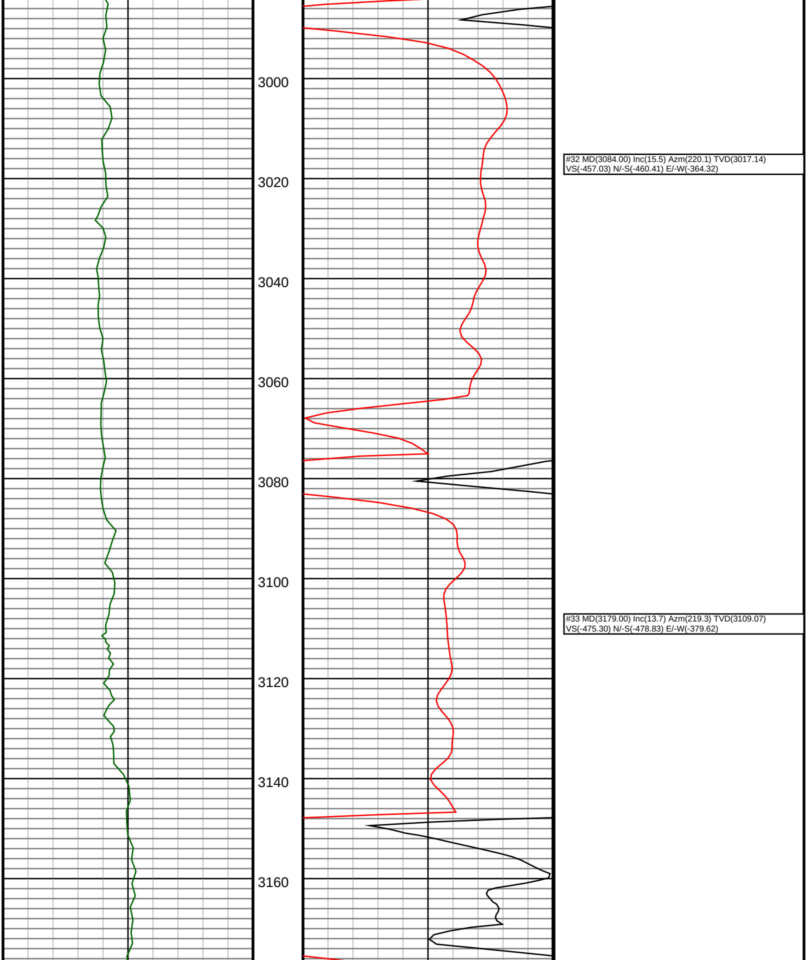
Mud Type: WBM
Density: 10.2
Viscosity:
Rm: **Rmf:** **Rmc:**

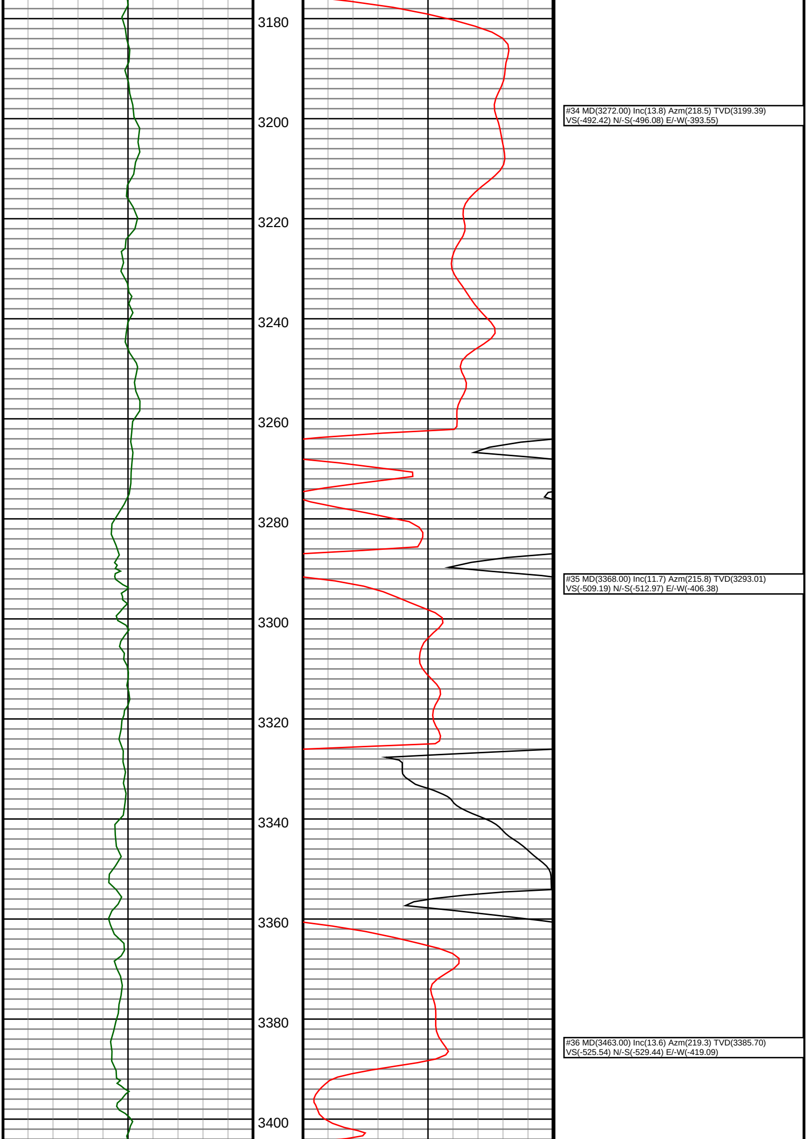
Elevations
KB: 4946.6 ft
GL: 4925.6 ft
DF: 21 ft

Run	Bit Size	Offsets		Depths		Dates	
		Gamma	Survey	Start	End	Start	End
1	13 1/2"		56.00 ft	0 ft	2020 ft	12/29/2015	12/29/2015
2	8 1/2"	47.00 ft	60.00 ft	2020 ft	5834 ft	12/30/2015	12/31/2015
3	8 1/2"	44.00 ft	57.00 ft	5834 ft	5976 ft	12/31/2015	01/01/2016
4	8 1/2"	44.00 ft	57.00 ft	5976 ft	13523 ft	01/01/2016	01/03/2016
5							
6							
7							
8							
9							
10							

Precision Directional Services, Inc. uses its best efforts to provide its customers with accurate information and interpretations in conjunction with services performed but will not be held liable or responsible for the accuracy of such information or interpretation.



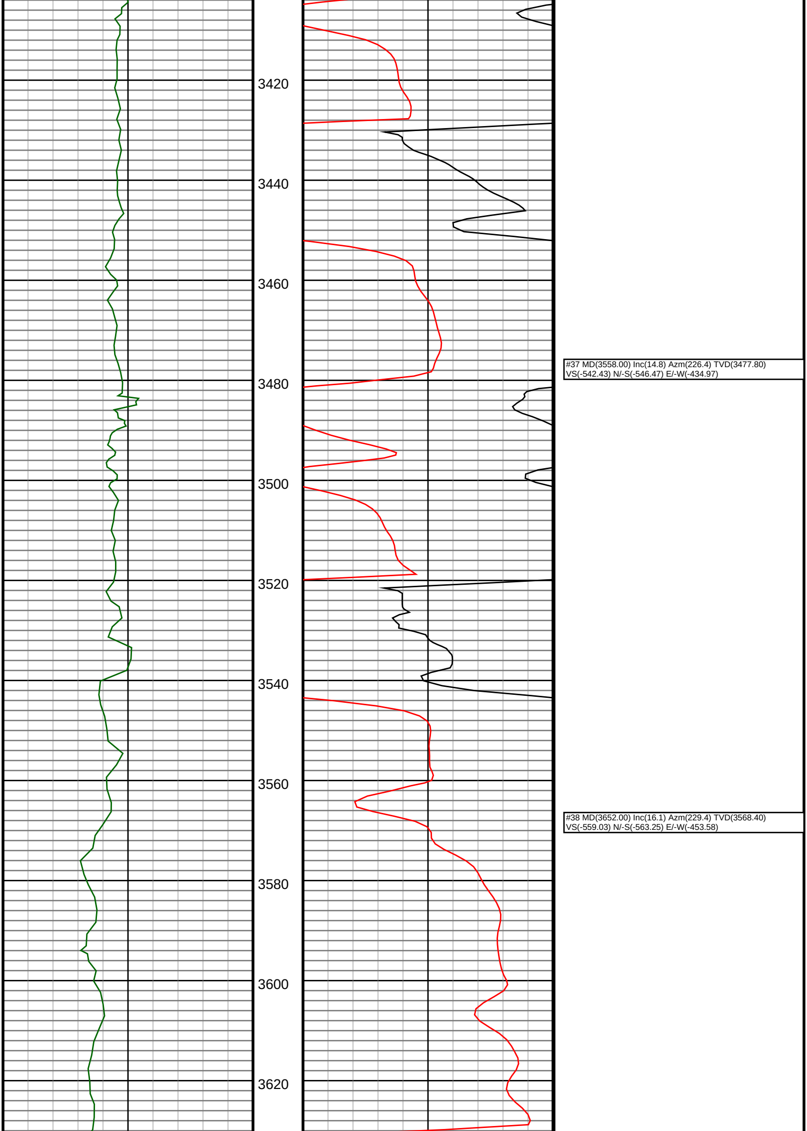




#34 MD(3272.00) Inc(13.8) Azm(218.5) TVD(3199.39)
VS(-492.42) N/-S(-496.08) E/-W(-393.55)

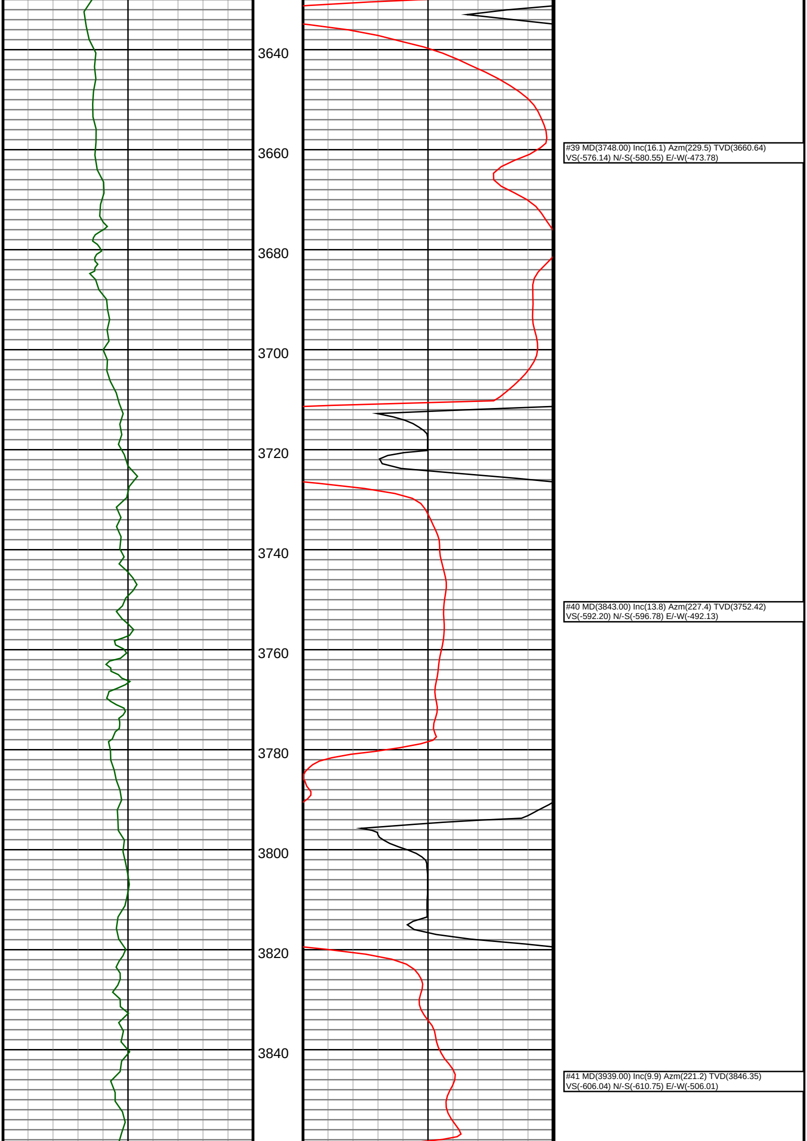
#35 MD(3368.00) Inc(11.7) Azm(215.8) TVD(3293.01)
VS(-509.19) N/-S(-512.97) E/-W(-406.38)

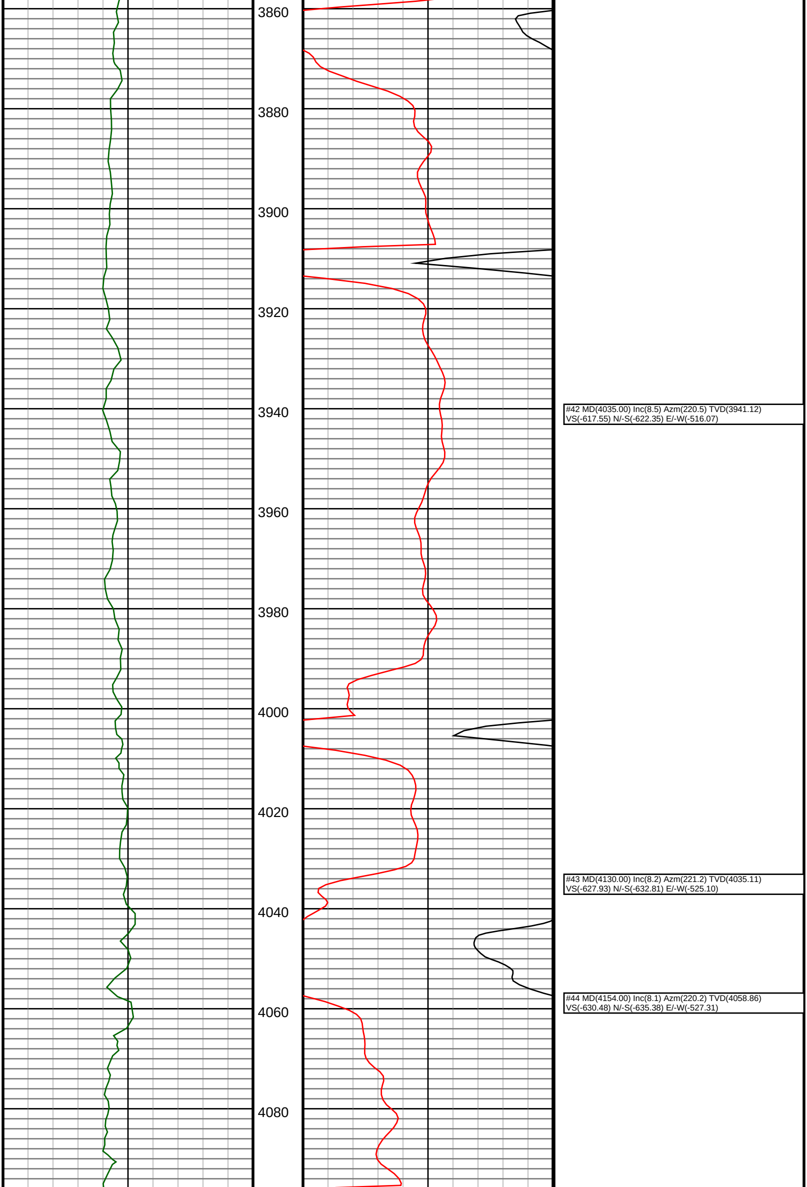
#36 MD(3463.00) Inc(13.6) Azm(219.3) TVD(3385.70)
VS(-525.54) N/-S(-529.44) E/-W(-419.09)



#37 MD(3558.00) Inc(14.8) Azm(226.4) TVD(3477.80)
VS(-542.43) N/-S(-546.47) E/-W(-434.97)

#38 MD(3652.00) Inc(16.1) Azm(229.4) TVD(3568.40)
VS(-559.03) N/-S(-563.25) E/-W(-453.58)

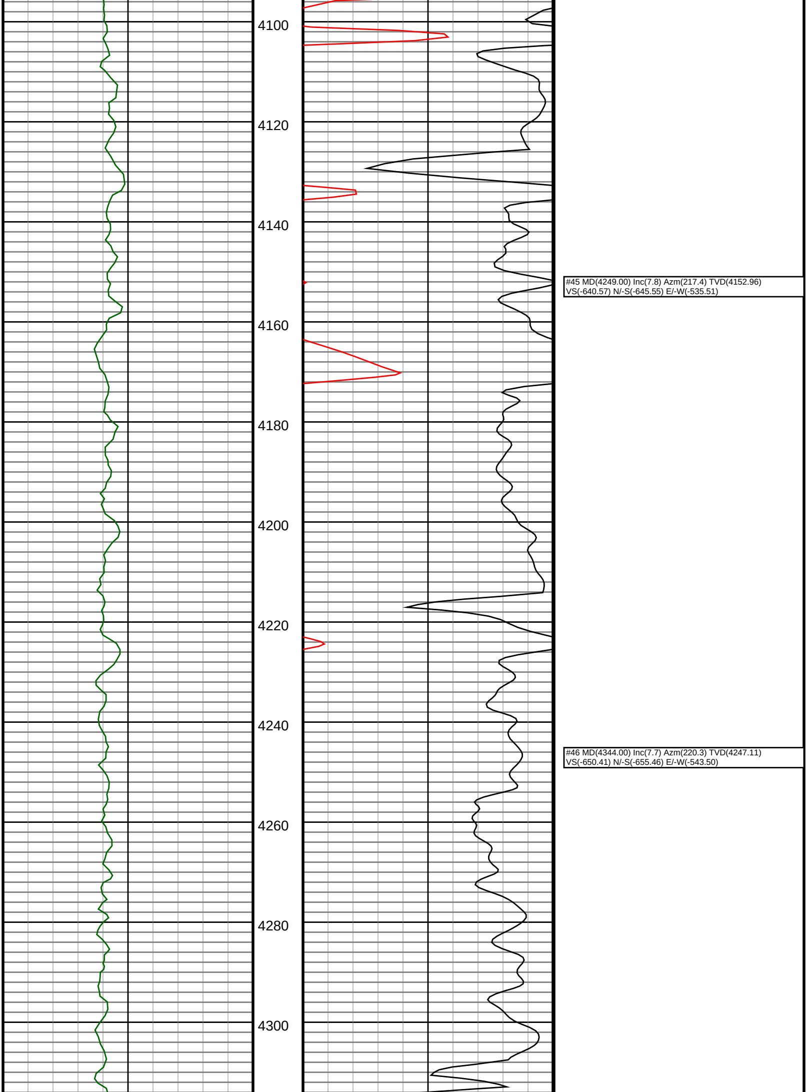




#42 MD(4035.00) Inc(8.5) Azm(220.5) TVD(3941.12)
VS(-617.55) N/-S(-622.35) E/-W(-516.07)

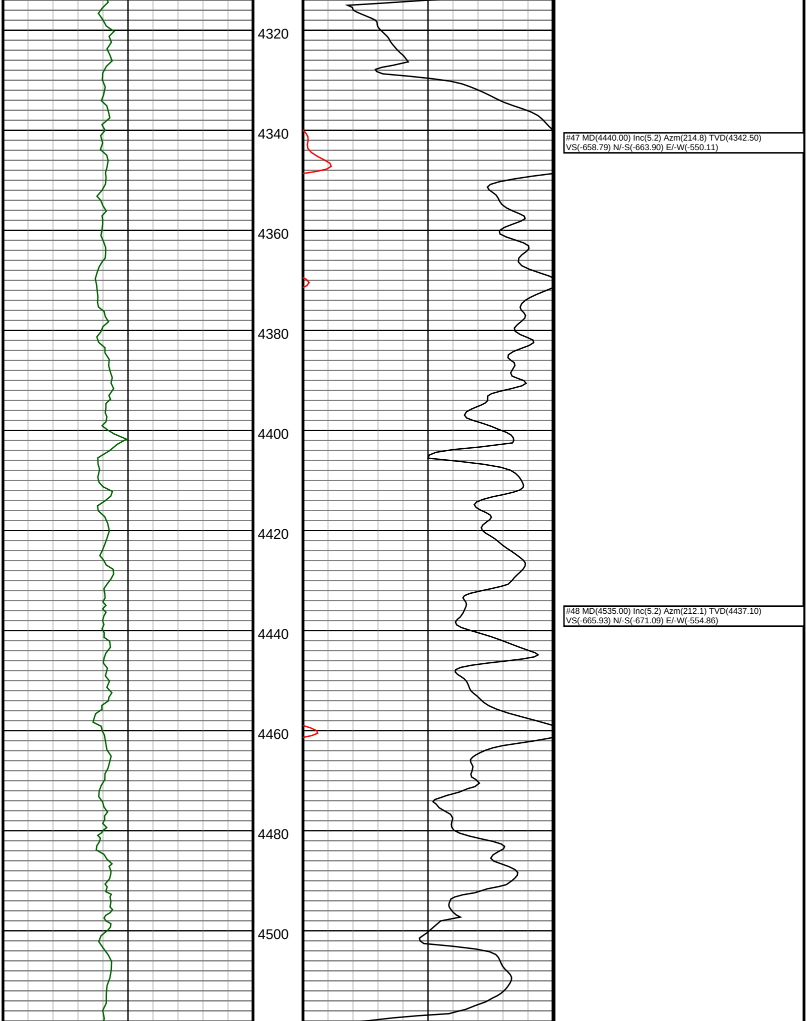
#43 MD(4130.00) Inc(8.2) Azm(221.2) TVD(4035.11)
VS(-627.93) N/-S(-632.81) E/-W(-525.10)

#44 MD(4154.00) Inc(8.1) Azm(220.2) TVD(4058.86)
VS(-630.48) N/-S(-635.38) E/-W(-527.31)



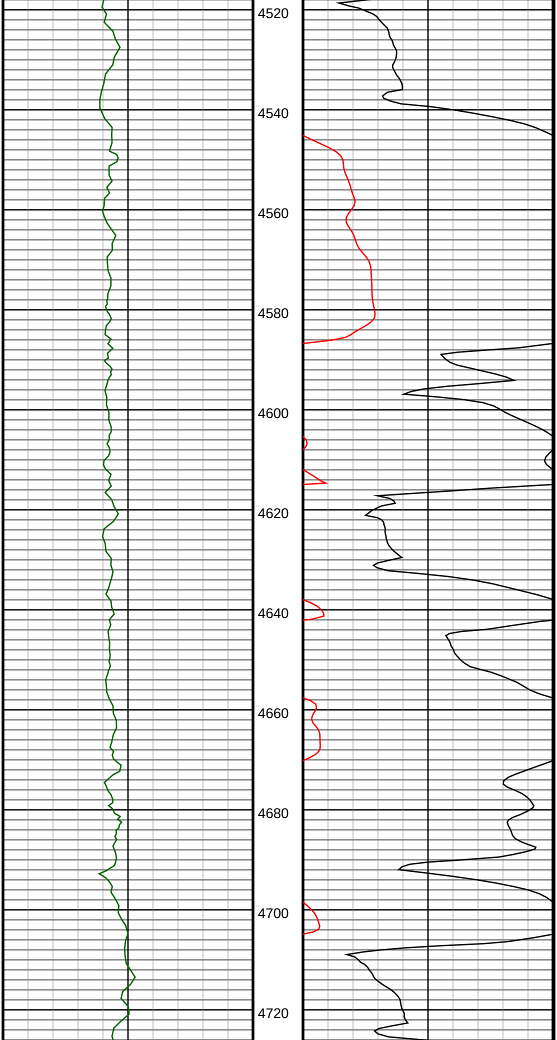
#45 MD(4249.00) Inc(7.8) Azm(217.4) TVD(4152.96)
VS(-640.57) N-S(-645.55) E-W(-535.51)

#46 MD(4344.00) Inc(7.7) Azm(220.3) TVD(4247.11)
VS(-650.41) N-S(-655.46) E-W(-543.50)



#47 MD(4440.00) Inc(5.2) Azm(214.8) TVD(4342.50)
VS(-658.79) N/-S(-663.90) E/-W(-550.11)

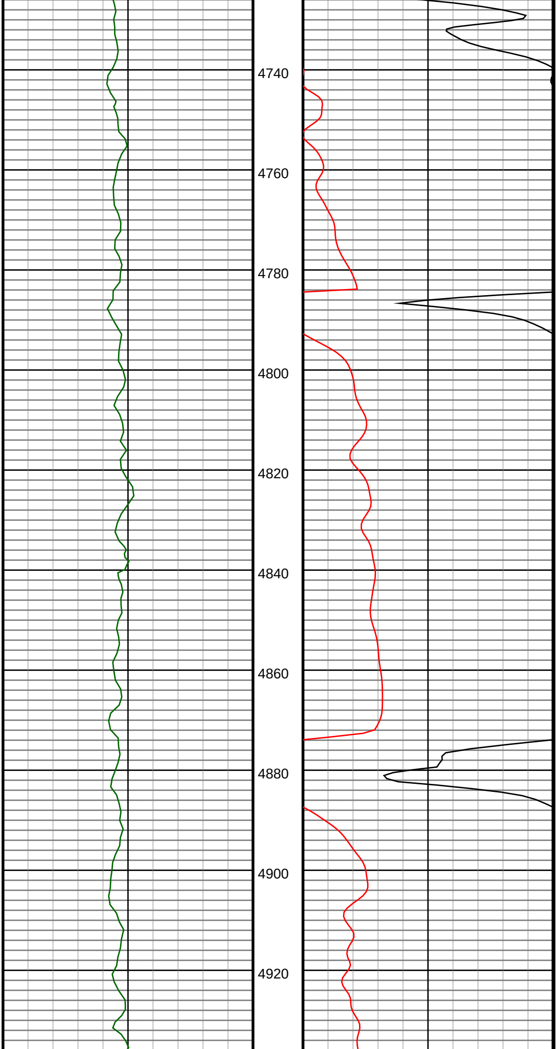
#48 MD(4535.00) Inc(5.2) Azm(212.1) TVD(4437.10)
VS(-665.93) N/-S(-671.09) E/-W(-554.86)



#49 MD(4631.00) Inc(3.3) Azm(222.2) TVD(4532.83)
VS(-671.66) N/-S(-676.86) E/-W(-559.07)

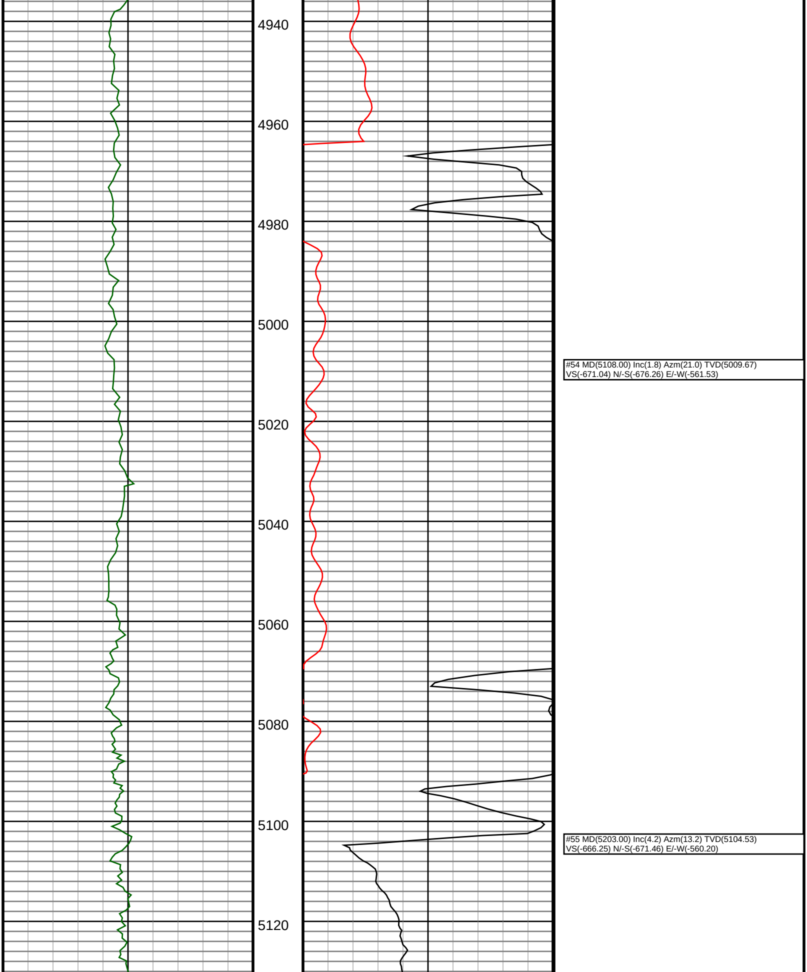
#50 MD(4726.00) Inc(1.9) Azm(229.7) TVD(4627.73)
VS(-674.72) N/-S(-679.95) E/-W(-562.15)

#51 MD(4822.00) Inc(0.8) Azm(345.7) TVD(4723.71)
VS(-675.14) N/-S(-680.38) E/-W(-563.54)



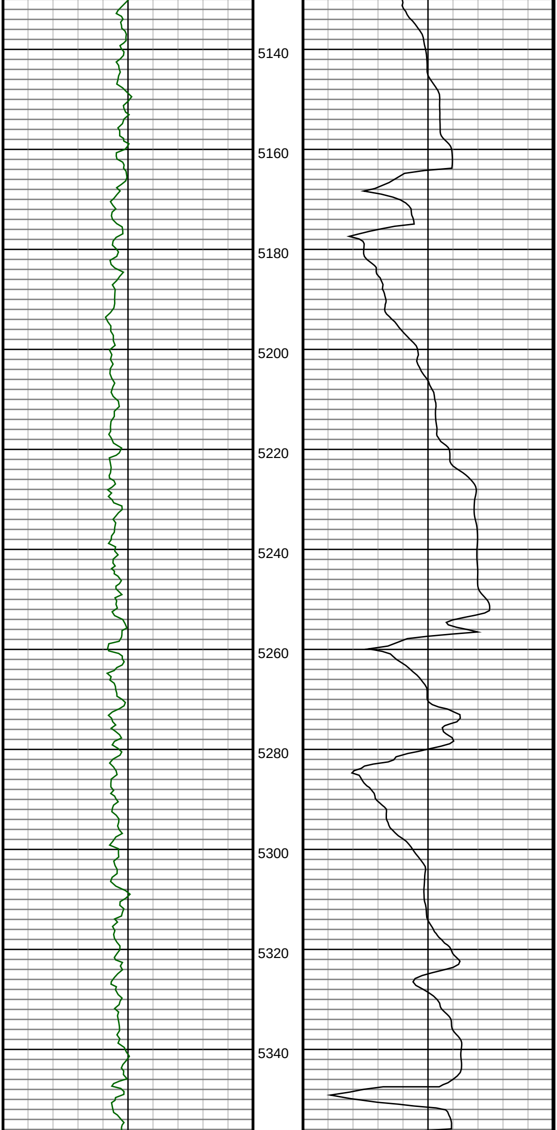
#52 MD(4917.00) Inc(0.5) Azm(51.0) TVD(4818.71)
VS(-674.27) N/-S(-679.51) E/-W(-563.36)

#53 MD(5012.00) Inc(1.1) Azm(31.3) TVD(4913.70)
VS(-673.23) N/-S(-678.47) E/-W(-562.56)



#54 MD(5108.00) Inc(1.8) Azm(21.0) TVD(5009.67)
VS(-671.04) N/-S(-676.26) E/-W(-561.53)

#55 MD(5203.00) Inc(4.2) Azm(13.2) TVD(5104.53)
VS(-666.25) N/-S(-671.46) E/-W(-560.20)



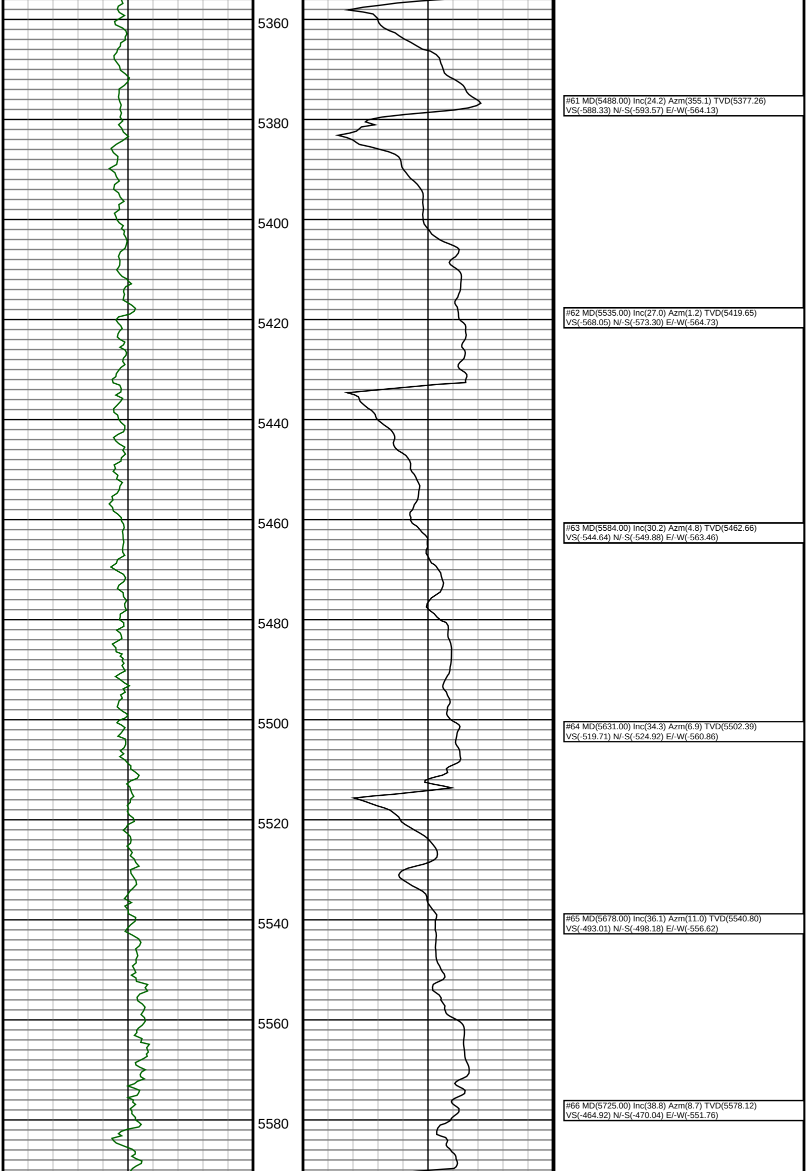
#56 MD(5250.00) Inc(9.7) Azm(3.5) TVD(5151.17) VS(-660.63) N/-S(-665.84) E/-W(-559.56)

#57 MD(5298.00) Inc(13.8) Azm(357.6) TVD(5198.16) VS(-650.90) N/-S(-656.10) E/-W(-559.55)

#58 MD(5345.00) Inc(17.1) Azm(355.1) TVD(5243.46) VS(-638.41) N/-S(-643.62) E/-W(-560.38)

#59 MD(5392.00) Inc(19.1) Azm(355.3) TVD(5288.13) VS(-623.84) N/-S(-629.06) E/-W(-561.61)

#60 MD(5439.00) Inc(21.8) Azm(356.7) TVD(5332.15) VS(-607.43) N/-S(-612.66) E/-W(-562.75)



#61 MD(5488.00) Inc(24.2) Azm(355.1) TVD(5377.26)
VS(-588.33) N/-S(-593.57) E/-W(-564.13)

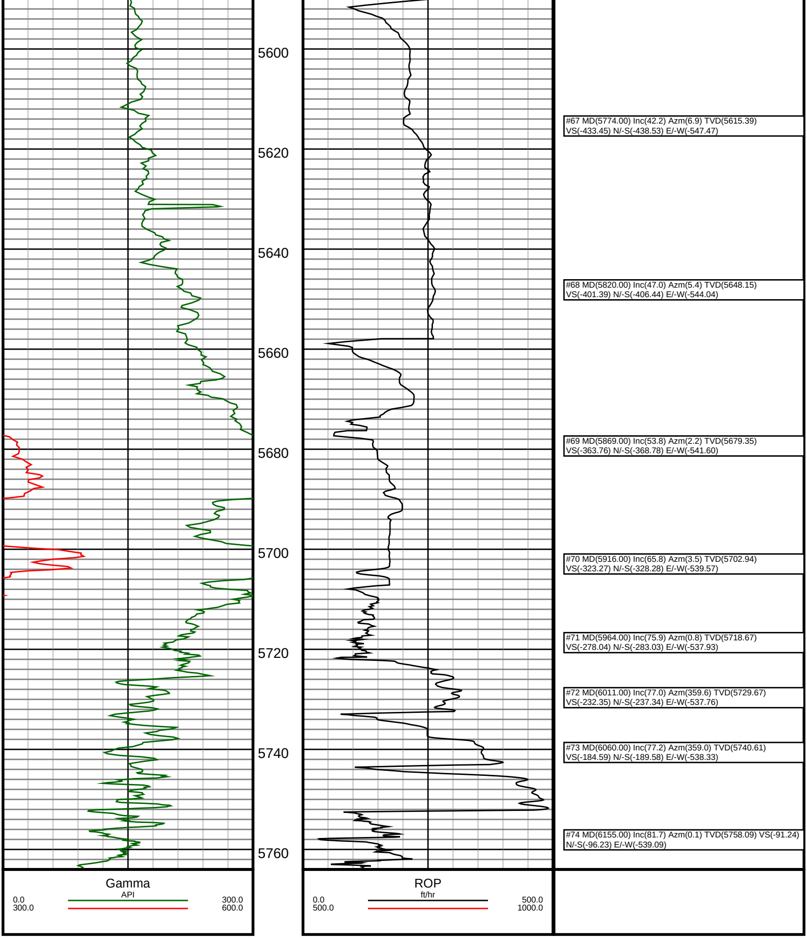
#62 MD(5535.00) Inc(27.0) Azm(1.2) TVD(5419.65)
VS(-568.05) N/-S(-573.30) E/-W(-564.73)

#63 MD(5584.00) Inc(30.2) Azm(4.8) TVD(5462.66)
VS(-544.64) N/-S(-549.88) E/-W(-563.46)

#64 MD(5631.00) Inc(34.3) Azm(6.9) TVD(5502.39)
VS(-519.71) N/-S(-524.92) E/-W(-560.86)

#65 MD(5678.00) Inc(36.1) Azm(11.0) TVD(5540.80)
VS(-493.01) N/-S(-498.18) E/-W(-556.62)

#66 MD(5725.00) Inc(38.8) Azm(8.7) TVD(5578.12)
VS(-464.92) N/-S(-470.04) E/-W(-551.76)



#67 MD(5774.00) Inc(42.2) Azm(6.9) TVD(5615.39) VS(-433.45) N/-S(-438.53) E/-W(-547.47)

#68 MD(5820.00) Inc(47.0) Azm(5.4) TVD(5648.15) VS(-401.39) N/-S(-406.44) E/-W(-544.04)

#69 MD(5869.00) Inc(53.8) Azm(2.2) TVD(5679.35) VS(-363.76) N/-S(-368.78) E/-W(-541.60)

#70 MD(5916.00) Inc(65.8) Azm(3.5) TVD(5702.94) VS(-323.27) N/-S(-328.28) E/-W(-539.57)

#71 MD(5964.00) Inc(75.9) Azm(0.8) TVD(5718.67) VS(-278.04) N/-S(-283.03) E/-W(-537.93)

#72 MD(6011.00) Inc(77.0) Azm(359.6) TVD(5729.67) VS(-232.35) N/-S(-237.34) E/-W(-537.76)

#73 MD(6060.00) Inc(77.2) Azm(359.0) TVD(5740.61) VS(-184.59) N/-S(-189.58) E/-W(-538.33)

#74 MD(6155.00) Inc(81.7) Azm(0.1) TVD(5758.09) VS(-91.24) N/-S(-96.23) E/-W(-539.09)