Babcock-35C-33HZ

MD
2":100'

Precision Directional Services

Company: Anadarko Petroleum Corporation
Well Name: Babcock-35C-33HZ
API: 0512343804
County/Parish: Weld
State: Colorado
Country: USA
Job number: GC-170090
Field: Wattenberg
Rig Id: Precision Drilling Rig 464
Survey Company: Precision Directional Services, Inc.

Log measurements:
Depth measured from:
Maximum temperature:

	Depth	**Date**
Start:	1888 ft	6/3/2017
End:	ft	

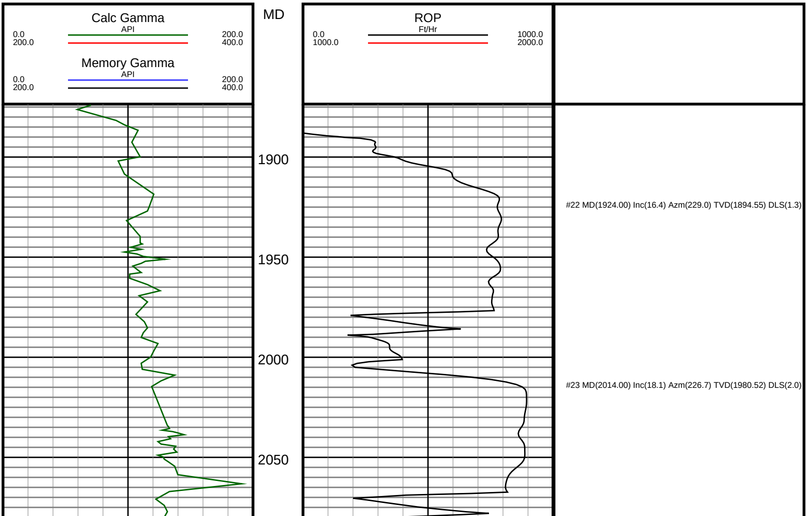
Casing	**Depth**	**Size**
Surface:	1888 ft	9 5/8"
Intermediate:		5 1/2"

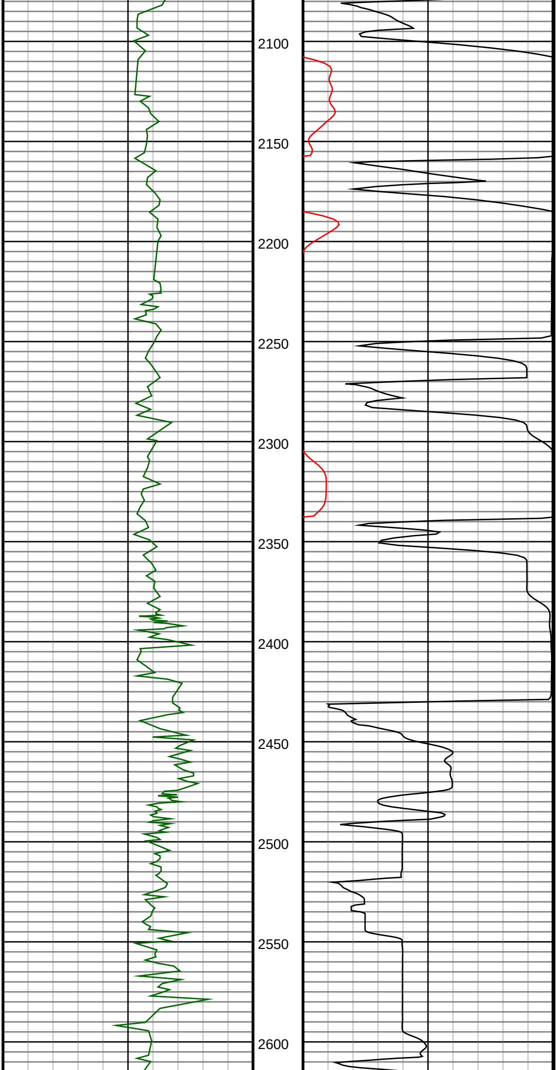
Mud Type:
Density:
Viscosity:
Rm: **Rmf:** **Rmc:**

Elevations
KB: 4908 ft
GL: 4887 ft
DF: 21 ft

Run	**Bit Size**	**Offsets**		**Depths**		**Dates**	
		Gamma	**Survey**	**Start**	**End**	**Start**	**End**
1	7.875"	44.00 ft	52.00 ft	1888 ft		06/03/2017	
2					ft		
3							
4							
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.





#24 MD(2103.00) Inc(20.3) Azm(223.2) TVD(2064.58) DLS(2.8)

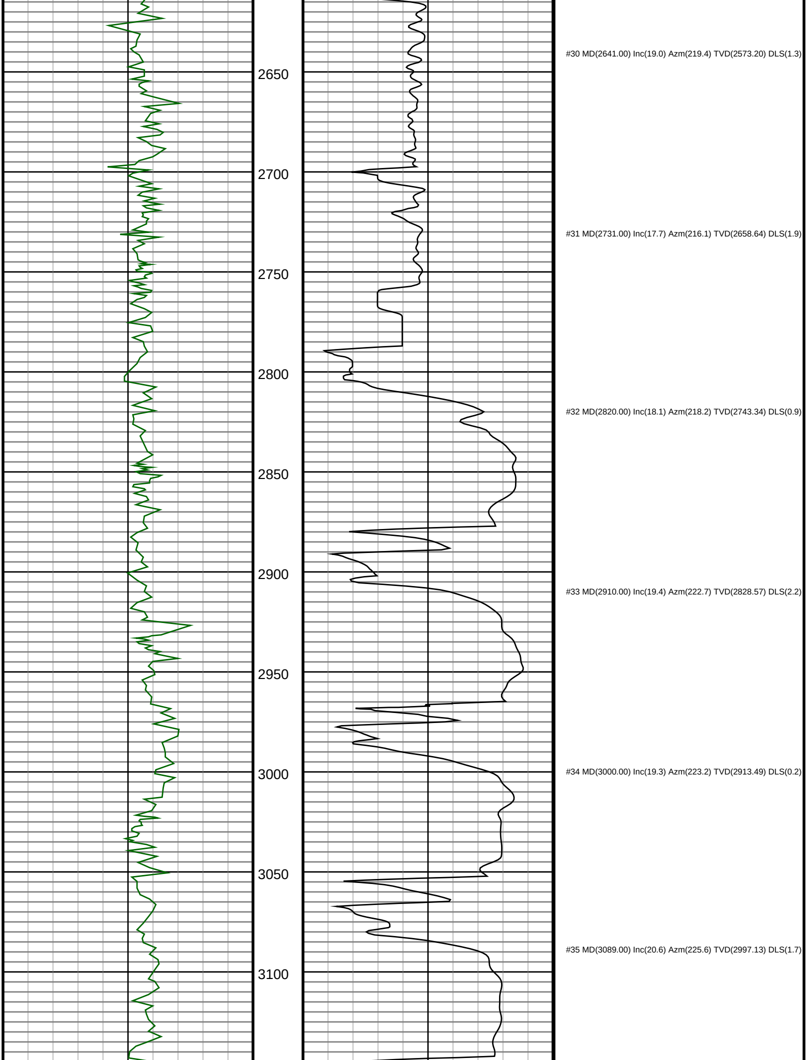
#25 MD(2193.00) Inc(18.4) Azm(220.5) TVD(2149.50) DLS(2.3)

#26 MD(2283.00) Inc(19.5) Azm(221.6) TVD(2234.63) DLS(1.2)

#27 MD(2372.00) Inc(18.1) Azm(218.8) TVD(2318.88) DLS(1.8)

#28 MD(2462.00) Inc(18.9) Azm(218.3) TVD(2404.24) DLS(0.8)

#29 MD(2551.00) Inc(19.6) Azm(222.2) TVD(2488.27) DLS(1.7)



#30 MD(2641.00) Inc(19.0) Azm(219.4) TVD(2573.20) DLS(1.3)

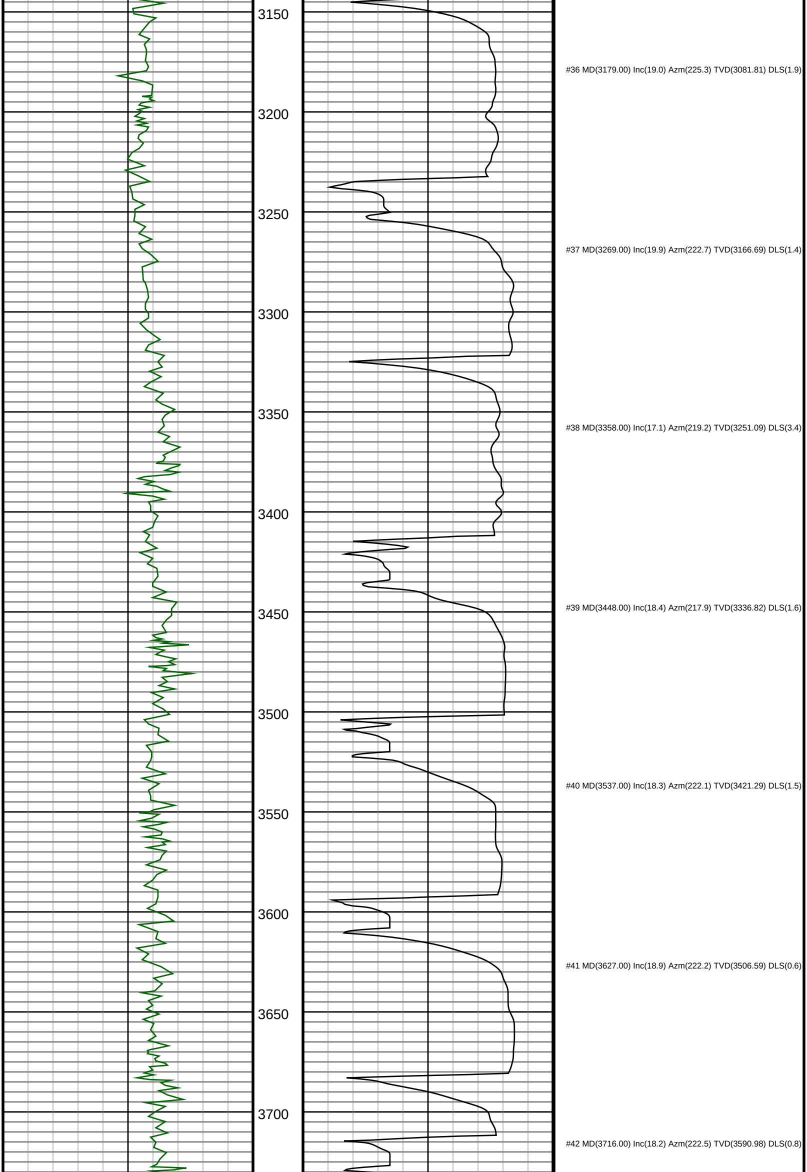
#31 MD(2731.00) Inc(17.7) Azm(216.1) TVD(2658.64) DLS(1.9)

#32 MD(2820.00) Inc(18.1) Azm(218.2) TVD(2743.34) DLS(0.9)

#33 MD(2910.00) Inc(19.4) Azm(222.7) TVD(2828.57) DLS(2.2)

#34 MD(3000.00) Inc(19.3) Azm(223.2) TVD(2913.49) DLS(0.2)

#35 MD(3089.00) Inc(20.6) Azm(225.6) TVD(2997.13) DLS(1.7)



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#37 MD(3269.00) Inc(19.9) Azm(222.7) TVD(3166.69) DLS(1.4)

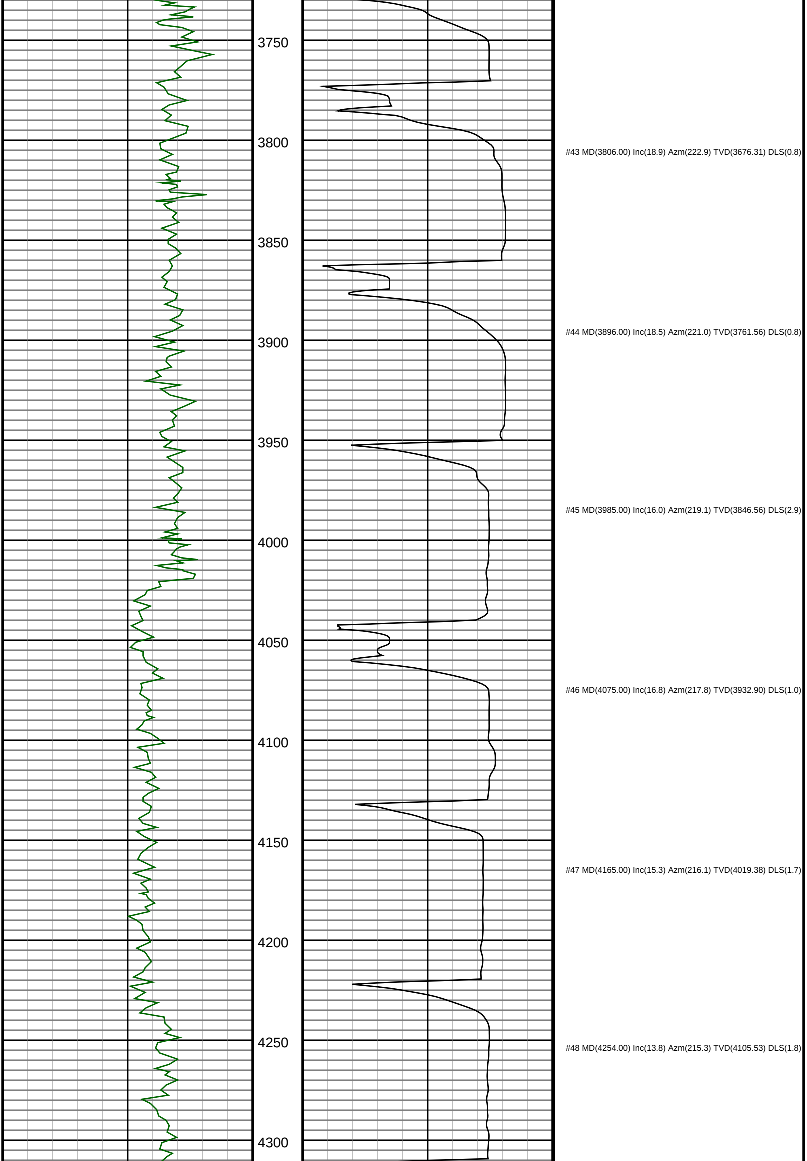
#38 MD(3358.00) Inc(17.1) Azm(219.2) TVD(3251.09) DLS(3.4)

#39 MD(3448.00) Inc(18.4) Azm(217.9) TVD(3336.82) DLS(1.6)

#40 MD(3537.00) Inc(18.3) Azm(222.1) TVD(3421.29) DLS(1.5)

#41 MD(3627.00) Inc(18.9) Azm(222.2) TVD(3506.59) DLS(0.6)

#42 MD(3716.00) Inc(18.2) Azm(222.5) TVD(3590.98) DLS(0.8)



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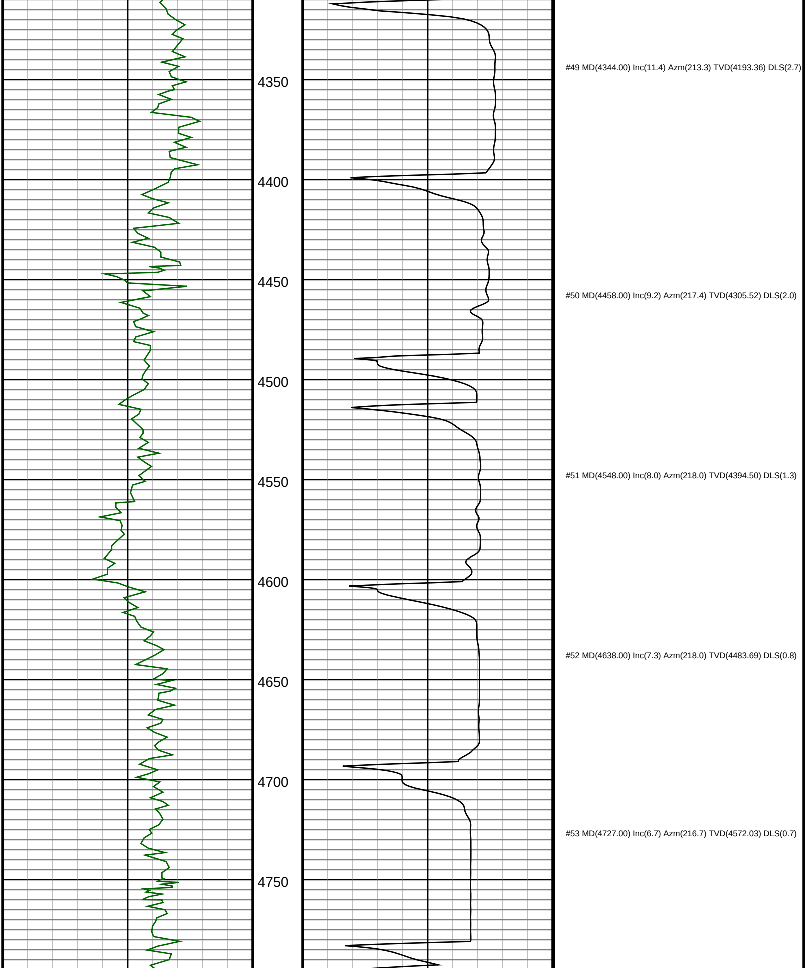
#44 MD(3896.00) Inc(18.5) Azm(221.0) TVD(3761.56) DLS(0.8)

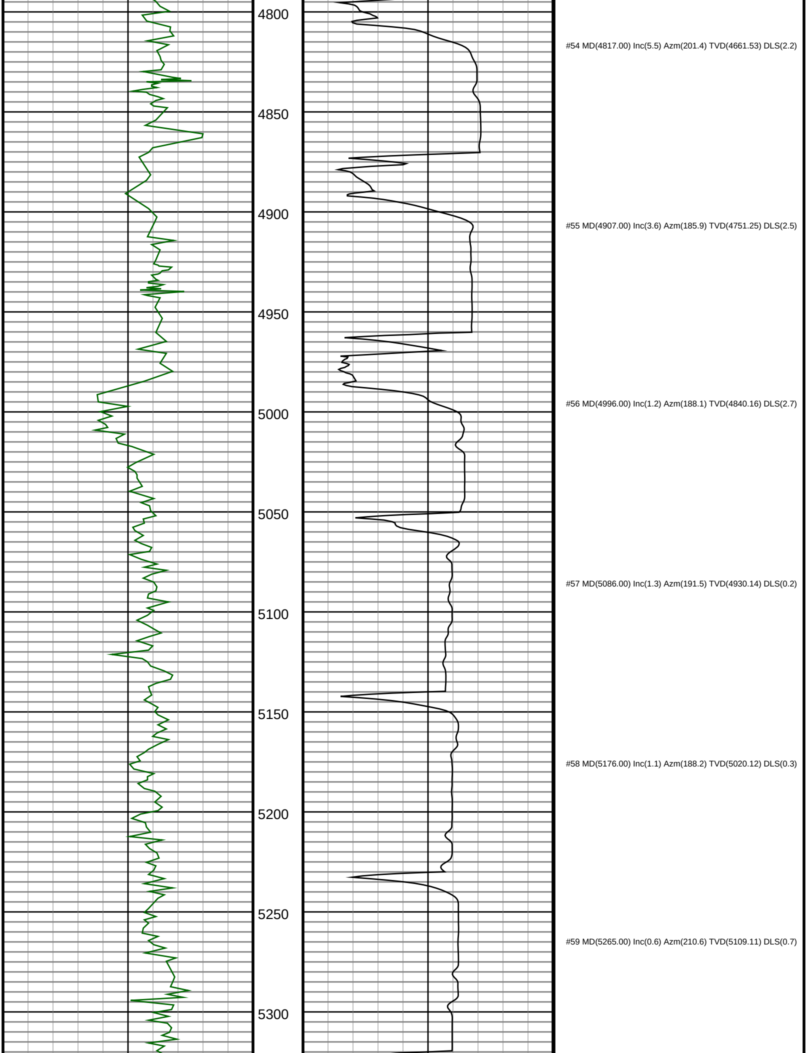
#45 MD(3985.00) Inc(16.0) Azm(219.1) TVD(3846.56) DLS(2.9)

#46 MD(4075.00) Inc(16.8) Azm(217.8) TVD(3932.90) DLS(1.0)

#47 MD(4165.00) Inc(15.3) Azm(216.1) TVD(4019.38) DLS(1.7)

#48 MD(4254.00) Inc(13.8) Azm(215.3) TVD(4105.53) DLS(1.8)





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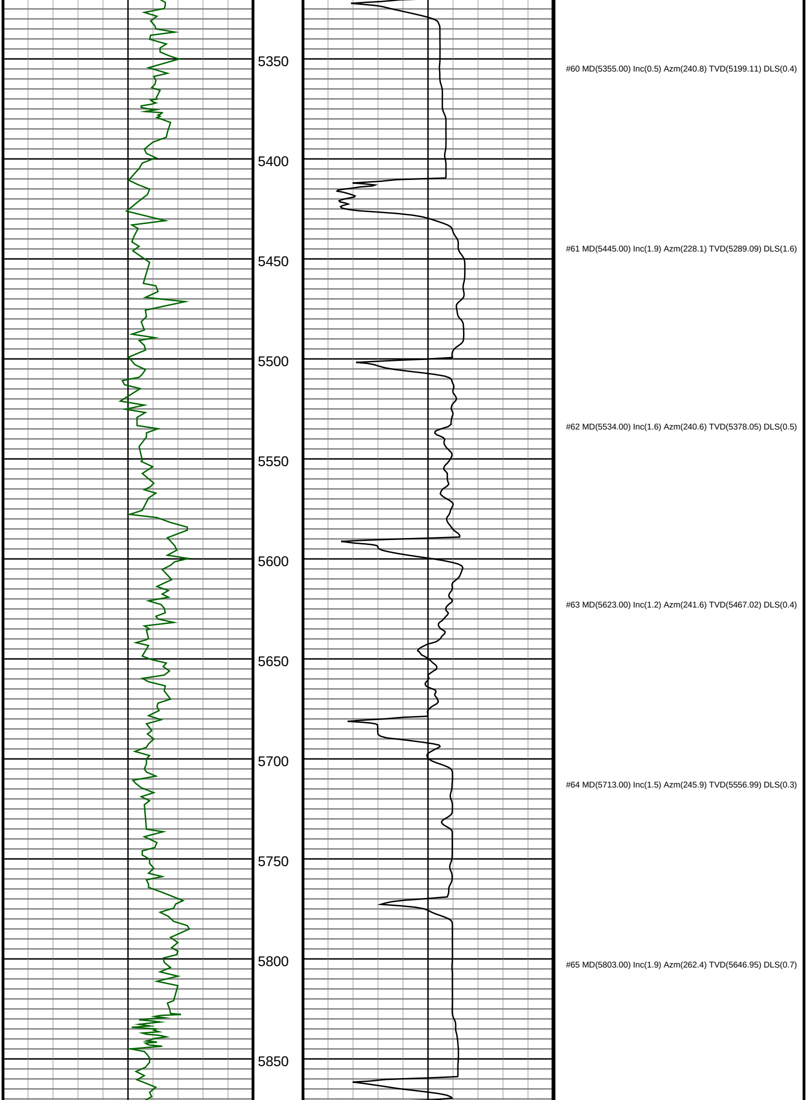
#55 MD(4907.00) Inc(3.6) Azm(185.9) TVD(4751.25) DLS(2.5)

#56 MD(4996.00) Inc(1.2) Azm(188.1) TVD(4840.16) DLS(2.7)

#57 MD(5086.00) Inc(1.3) Azm(191.5) TVD(4930.14) DLS(0.2)

#58 MD(5176.00) Inc(1.1) Azm(188.2) TVD(5020.12) DLS(0.3)

#59 MD(5265.00) Inc(0.6) Azm(210.6) TVD(5109.11) DLS(0.7)



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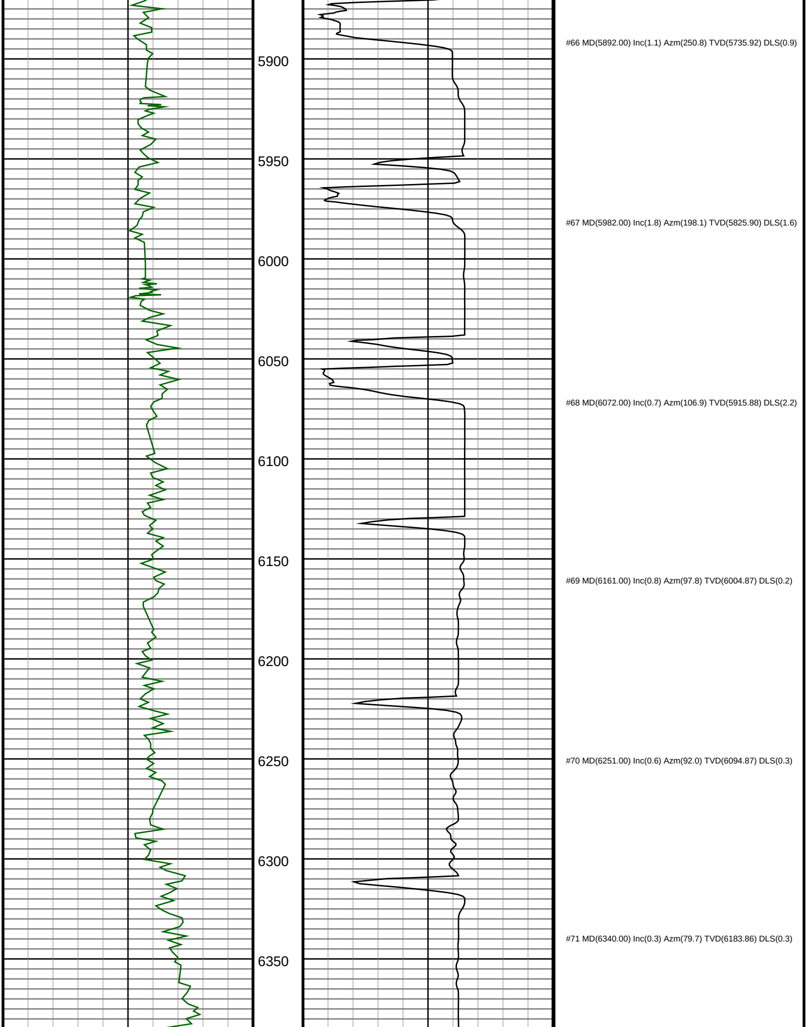
#61 MD(5445.00) Inc(1.9) Azm(228.1) TVD(5289.09) DLS(1.6)

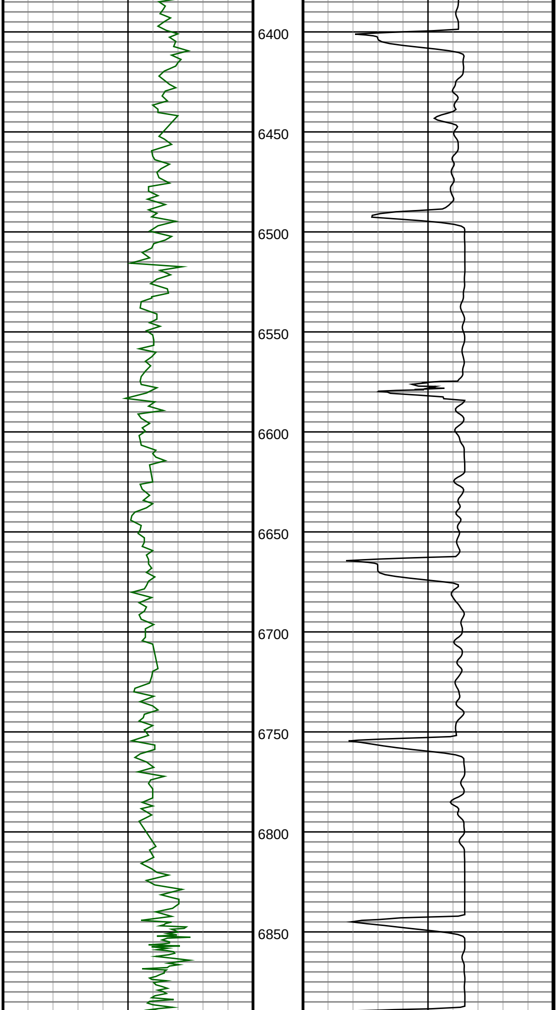
#62 MD(5534.00) Inc(1.6) Azm(240.6) TVD(5378.05) DLS(0.5)

#63 MD(5623.00) Inc(1.2) Azm(241.6) TVD(5467.02) DLS(0.4)

#64 MD(5713.00) Inc(1.5) Azm(245.9) TVD(5556.99) DLS(0.3)

#65 MD(5803.00) Inc(1.9) Azm(262.4) TVD(5646.95) DLS(0.7)





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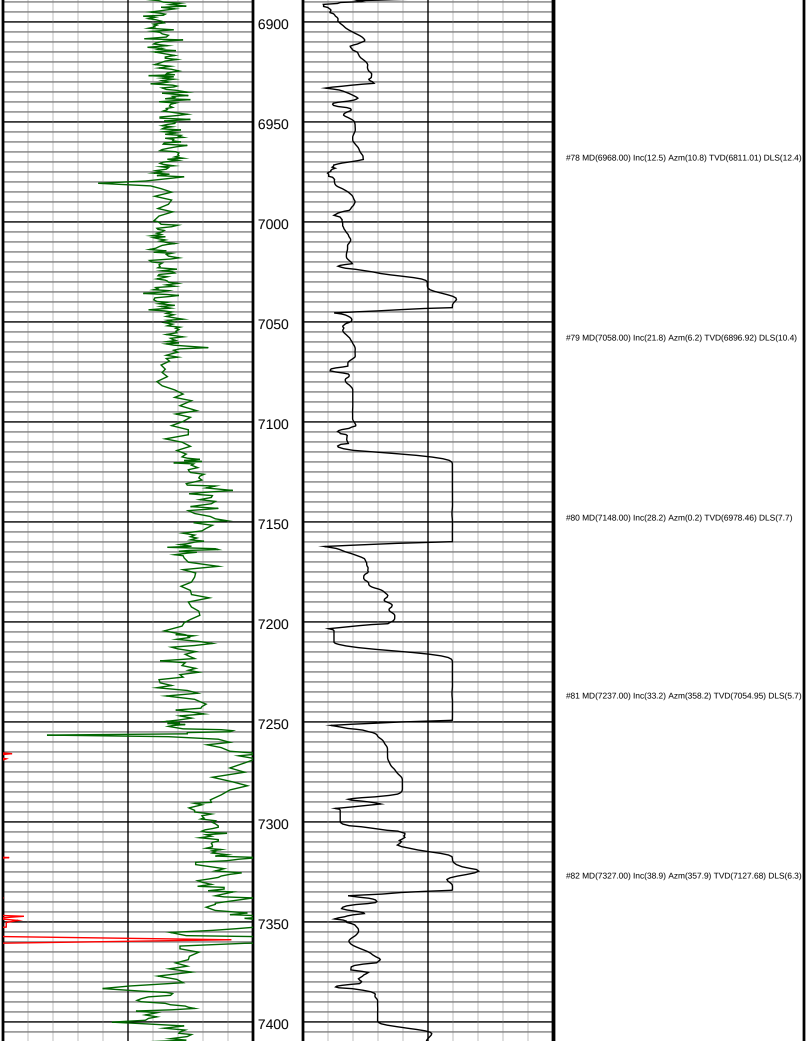
#73 MD(6520.00) Inc(0.3) Azm(359.8) TVD(6363.86) DLS(0.4)

#74 MD(6609.00) Inc(0.6) Azm(354.9) TVD(6452.86) DLS(0.3)

#75 MD(6699.00) Inc(0.8) Azm(349.9) TVD(6542.85) DLS(0.3)

#76 MD(6789.00) Inc(1.2) Azm(335.2) TVD(6632.84) DLS(0.5)

#77 MD(6878.00) Inc(1.6) Azm(342.7) TVD(6721.81) DLS(0.4)



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#79 MD(7058.00) Inc(21.8) Azm(6.2) TVD(6896.92) DLS(10.4)

#80 MD(7148.00) Inc(28.2) Azm(0.2) TVD(6978.46) DLS(7.7)

#81 MD(7237.00) Inc(33.2) Azm(358.2) TVD(7054.95) DLS(5.7)

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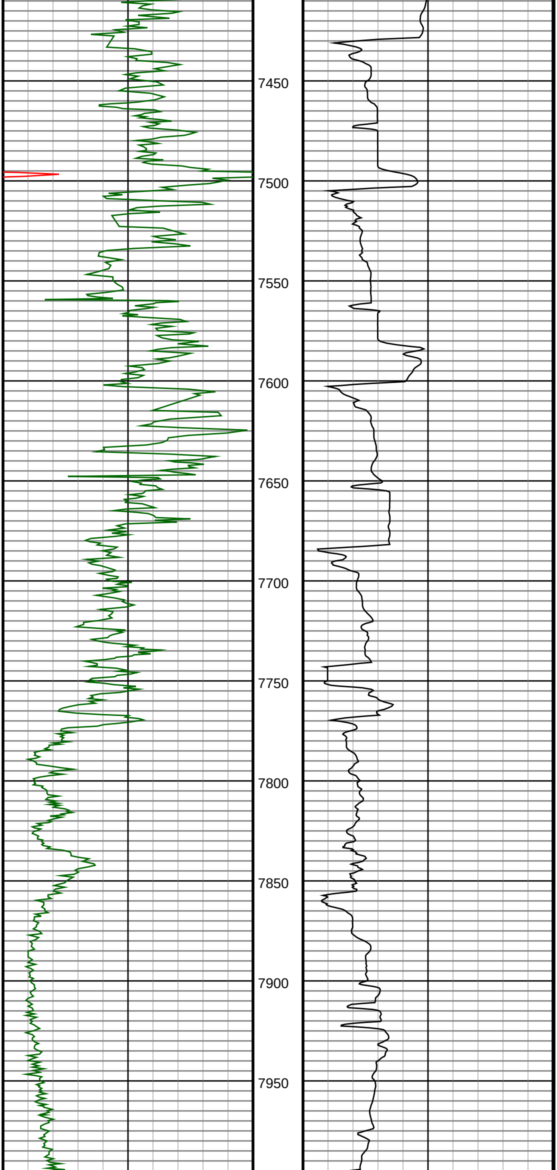

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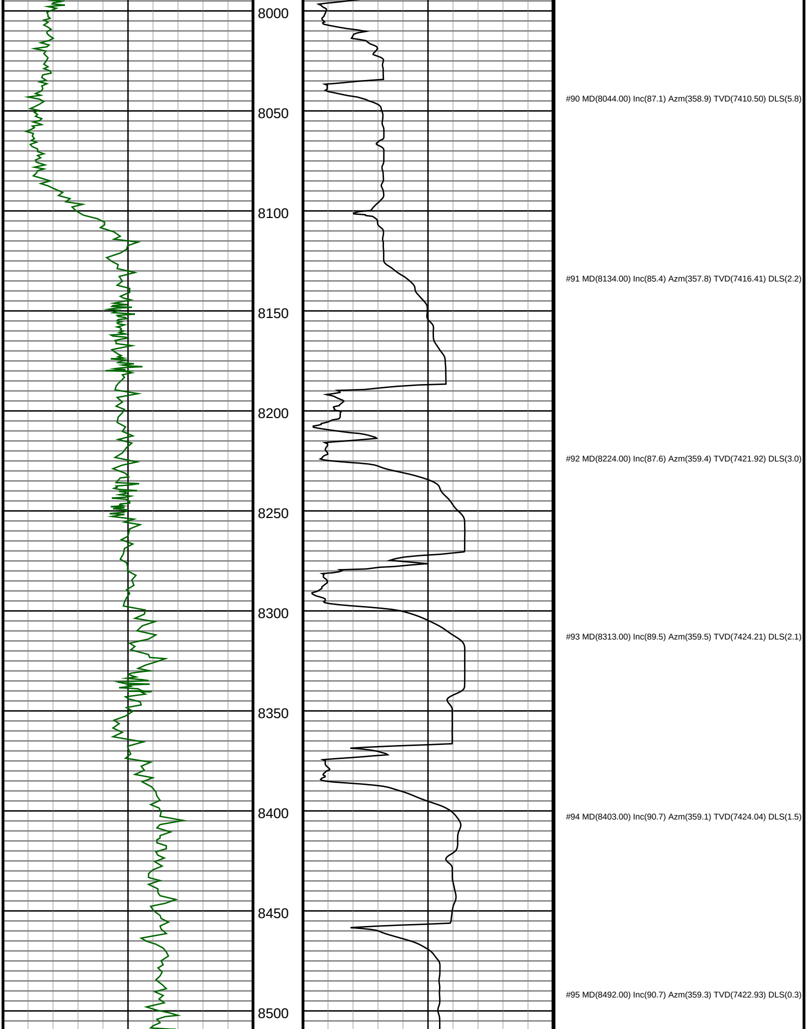
#85 MD(7596.00) Inc(55.2) Azm(5.7) TVD(7313.34) DLS(8.6)

#86 MD(7686.00) Inc(64.1) Azm(4.9) TVD(7358.78) DLS(10.0)

#87 MD(7775.00) Inc(73.7) Azm(4.5) TVD(7390.80) DLS(10.7)

#88 MD(7865.00) Inc(85.3) Azm(2.6) TVD(7407.23) DLS(13.1)

#89 MD(7955.00) Inc(91.8) Azm(1.0) TVD(7409.58) DLS(7.4)



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#91 MD(8134.00) Inc(85.4) Azm(357.8) TVD(7416.41) DLS(2.2)

#92 MD(8224.00) Inc(87.6) Azm(359.4) TVD(7421.92) DLS(3.0)

#93 MD(8313.00) Inc(89.5) Azm(359.5) TVD(7424.21) DLS(2.1)

#94 MD(8403.00) Inc(90.7) Azm(359.1) TVD(7424.04) DLS(1.5)

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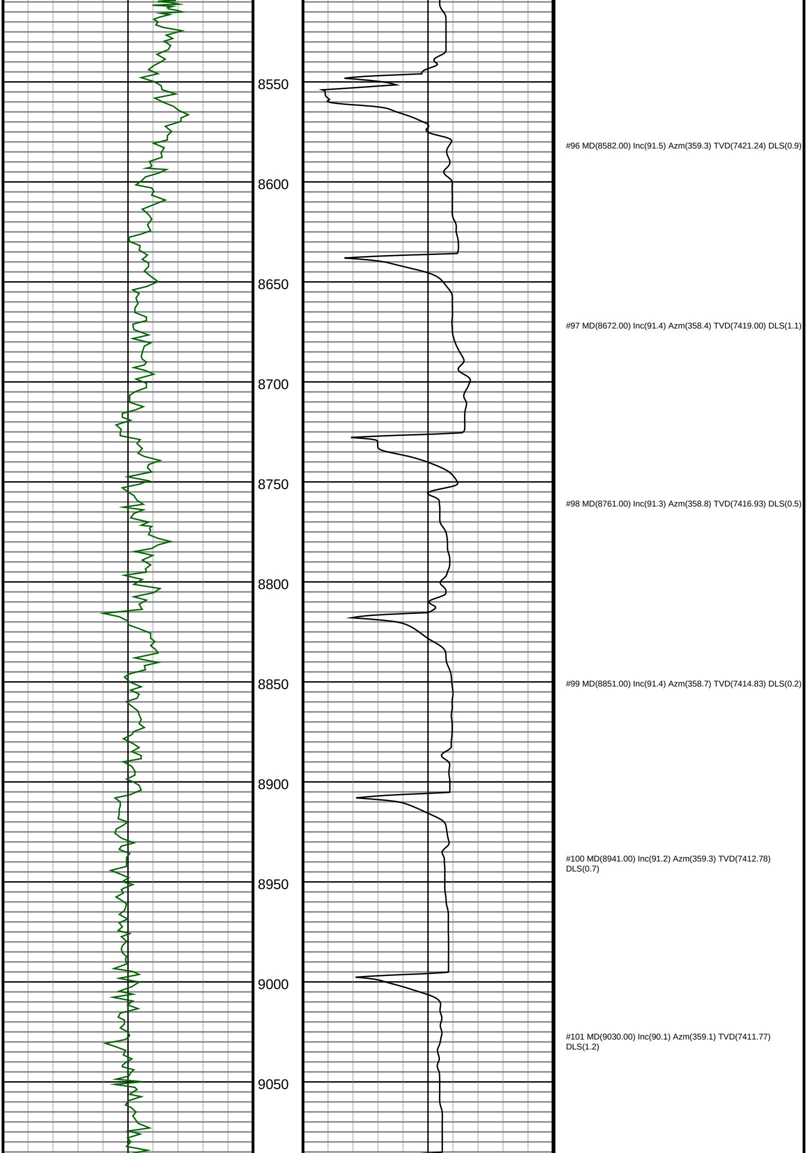

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#98 MD(8761.00) Inc(91.3) Azm(358.8) TVD(7416.93) DLS(0.5)

#99 MD(8851.00) Inc(91.4) Azm(358.7) TVD(7414.83) DLS(0.2)

#100 MD(8941.00) Inc(91.2) Azm(359.3) TVD(7412.78) DLS(0.7)

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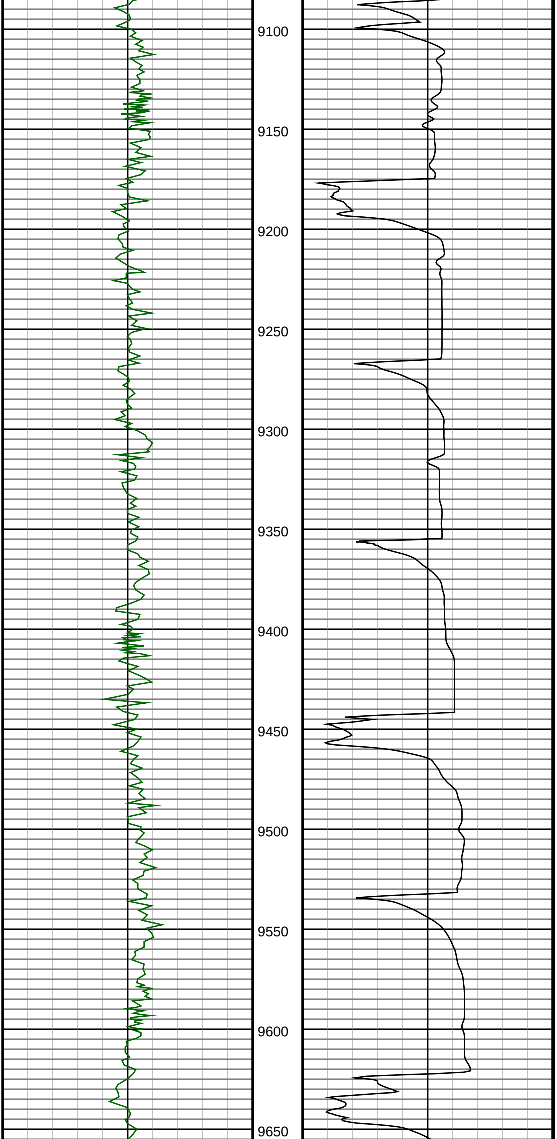

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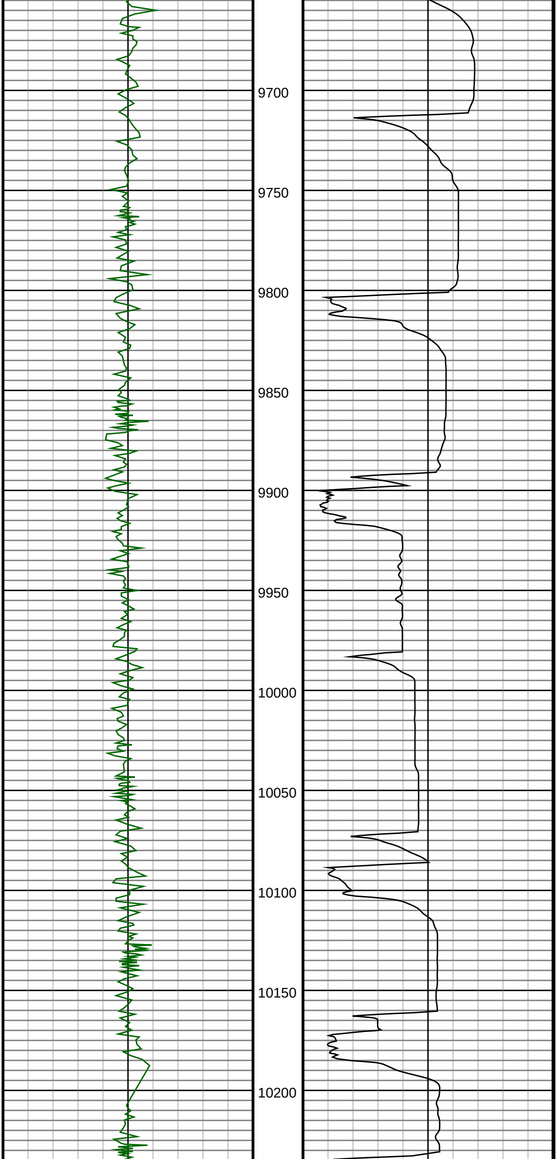
#104 MD(9299.00) Inc(91.5) Azm(1.2) TVD(7408.53) DLS(0.4)

#105 MD(9389.00) Inc(90.5) Azm(0.9) TVD(7406.99) DLS(1.2)

#106 MD(9479.00) Inc(90.9) Azm(1.4) TVD(7405.91) DLS(0.7)

#107 MD(9568.00) Inc(90.3) Azm(1.3) TVD(7404.94) DLS(0.7)



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#110 MD(9837.00) Inc(92.7) Azm(359.2) TVD(7396.77) DLS(1.9)

#111 MD(9927.00) Inc(91.1) Azm(356.0) TVD(7393.80) DLS(4.0)

#112 MD(10017.00) Inc(88.4) Azm(354.4) TVD(7394.16) DLS(3.5)

#113 MD(10106.00) Inc(89.9) Azm(356.2) TVD(7395.46) DLS(2.7)

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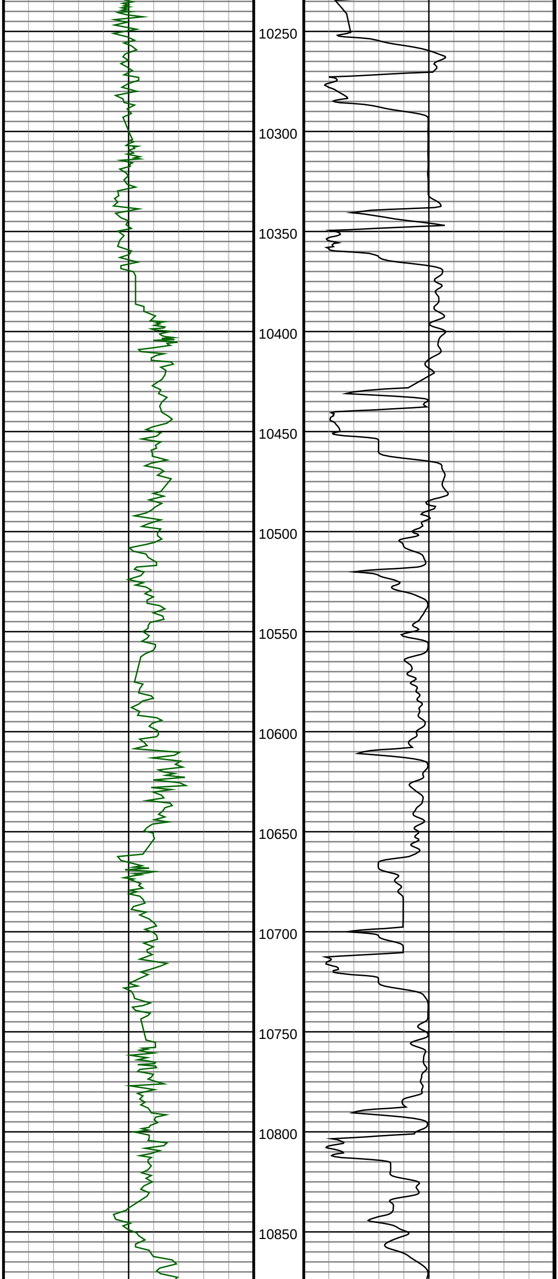

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#117 MD(10465.00) Inc(90.3) Azm(2.8) TVD(7397.60) DLS(2.7)

#118 MD(10554.00) Inc(90.8) Azm(2.9) TVD(7396.73) DLS(0.7)

#119 MD(10644.00) Inc(89.2) Azm(1.6) TVD(7396.69) DLS(2.3)

#120 MD(10734.00) Inc(90.0) Azm(1.0) TVD(7397.32) DLS(1.1)

#121 MD(10824.00) Inc(92.2) Azm(1.4) TVD(7395.60) DLS(2.5)

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#124 MD(11092.00) Inc(92.1) Azm(1.2) TVD(7384.89) DLS(0.2)

#125 MD(11182.00) Inc(91.6) Azm(1.2) TVD(7381.99) DLS(0.5)

#126 MD(11272.00) Inc(91.2) Azm(1.0) TVD(7379.77) DLS(0.5)

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#128 MD(11451.00) Inc(89.1) Azm(1.1) TVD(7380.03) DLS(0.8)

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#130 MD(11630.00) Inc(89.8) Azm(1.3) TVD(7383.05) DLS(1.4)

#131 MD(11720.00) Inc(91.1) Azm(0.8) TVD(7382.34) DLS(1.5)

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#133 MD(11899.00) Inc(89.4) Azm(0.0) TVD(7381.99) DLS(0.7)

#134 MD(11989.00) Inc(89.8) Azm(358.1) TVD(7382.63)
DLS(2.2)

#135 MD(12079.00) Inc(89.2) Azm(357.8) TVD(7383.45)
DLS(0.7)

#136 MD(12168.00) Inc(90.0) Azm(357.9) TVD(7384.13)
DLS(0.9)