State Antelope 44-14-3HN

MD
5":100'

Company: Bonanza Creek
Well Name: State Antelope 44-14-3HN
API: 05-123-51730
County/Parish: Weld
State/Prov: Colorado
Country: US
Job #: Rm-221550

Company: Bonanza Creek
Well Name: State Antelope 44-14-3HN
API: 05-123-51730
County/Parish: Weld
State or Prov: Colorado
Country: US
Job number: Rm-221550
Field: DJ Basin
Rig Identification: Patterson 345
Survey Company: Total Directional Services
Company Man Frank Kinney
Company Man Josh Klieson
DD Days Mike Gurnsey
DD Nights Matt Johnson
MWD Days Landon Cox
MWD Nights Mark Aguilar
MWD 3
VSD 241.03

Log measurements: 4672
Depth measured from: KB ft
Maximum temperature: 213

	Depth	Date
Start:	1660 ft	10-19-2022
End:	11718 ft	10-21-2022

Casing	Depth	Size
Surface:	1616 ft	9 5/8"
Intermediate:		

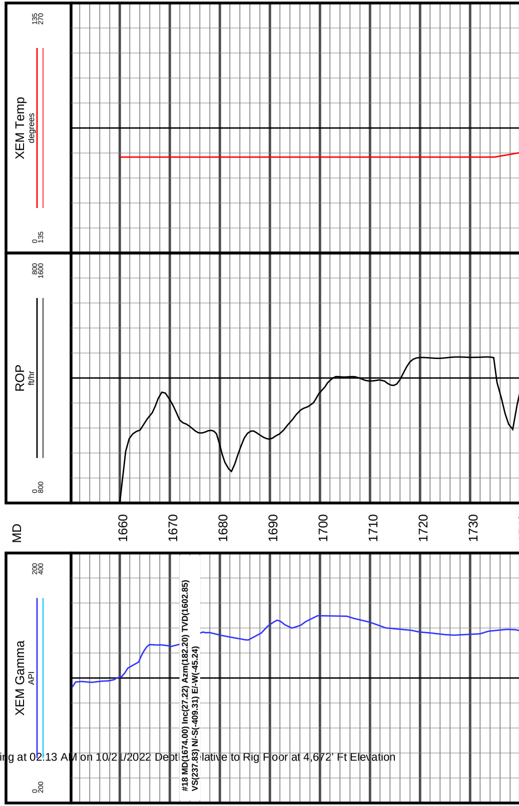
Mud type: OBM
Density: 9.5
Viscosity: 50
Rm: **Rmf:** **Rmc:**

Elevations	
KB:	4672
DF:	25
GL:	4647

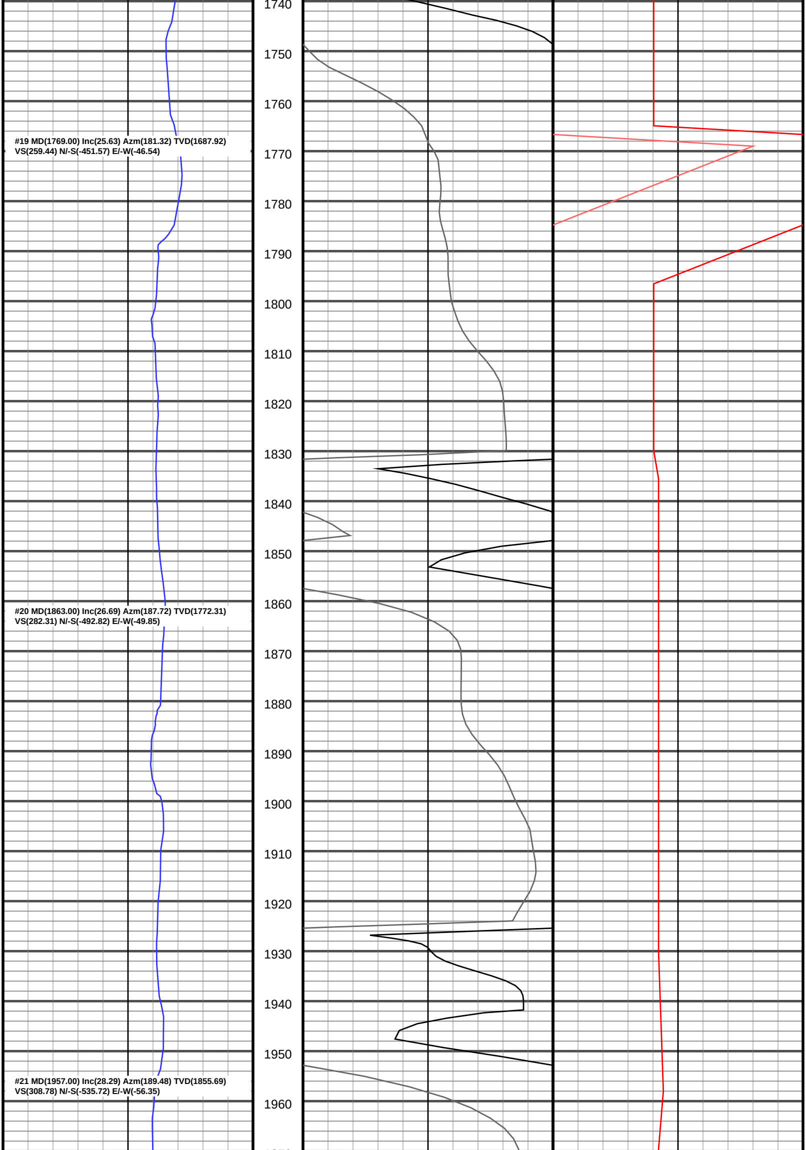
		Gamma	Offsets		Depths		Dates	
Run	Bit Size	Factor	Gamma	Survey	Start	End	Start	End
1	8.5"	.565	43.28 ft	62.00 ft	1660 ft	11718 ft	10-19-2022	10-21-2022
2								
3								
4								
5								
6								
7								
8								
9								
10								

API# 05-123-51730 WELL: State Antelope 44-14-3HN Type of Log:Gamma Logging started at 13:27 AM on 10/19/2022 Ending at 02:13 AM on 10/21/2022 Depth relative to Rig Floor at 4,672' Ft Elevation
Logging Company: Total Directional Top of log: 1,660' Bottom of Log: 11,718'

Total Directional Services 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.



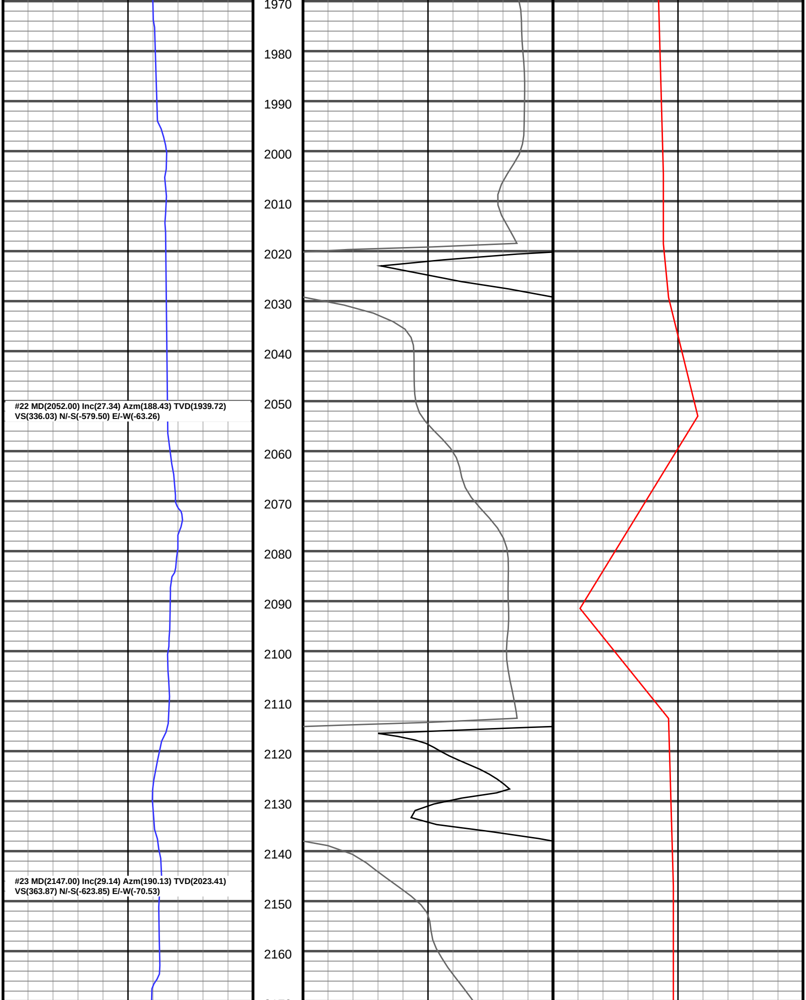
#18 MD(1674.00) Inc(27.22) Azm(182.20) TVD(1602.85)
VS(237.83) N/-S(-409.31) E/-W(-45.24)

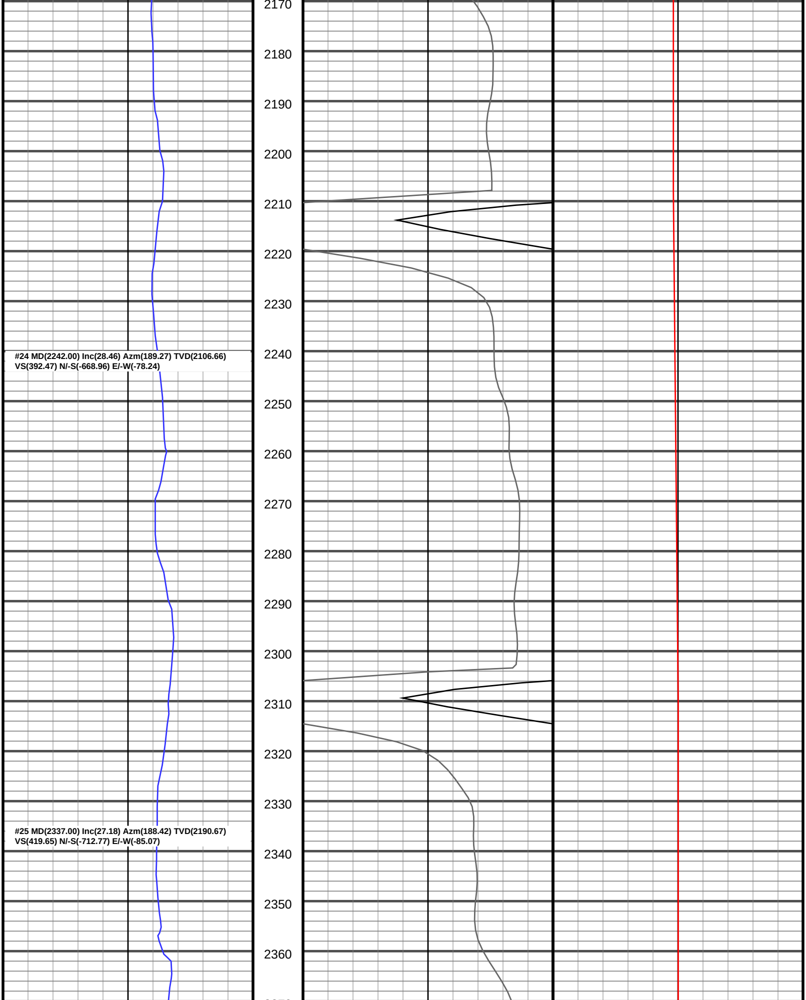


#19 MD(1769.00) Inc(25.63) Azm(181.32) TVD(1687.92)
VS(259.44) N/-S(-451.57) E/-W(-46.54)

#20 MD(1863.00) Inc(26.69) Azm(187.72) TVD(1772.31)
VS(282.31) N/-S(-492.82) E/-W(-49.85)

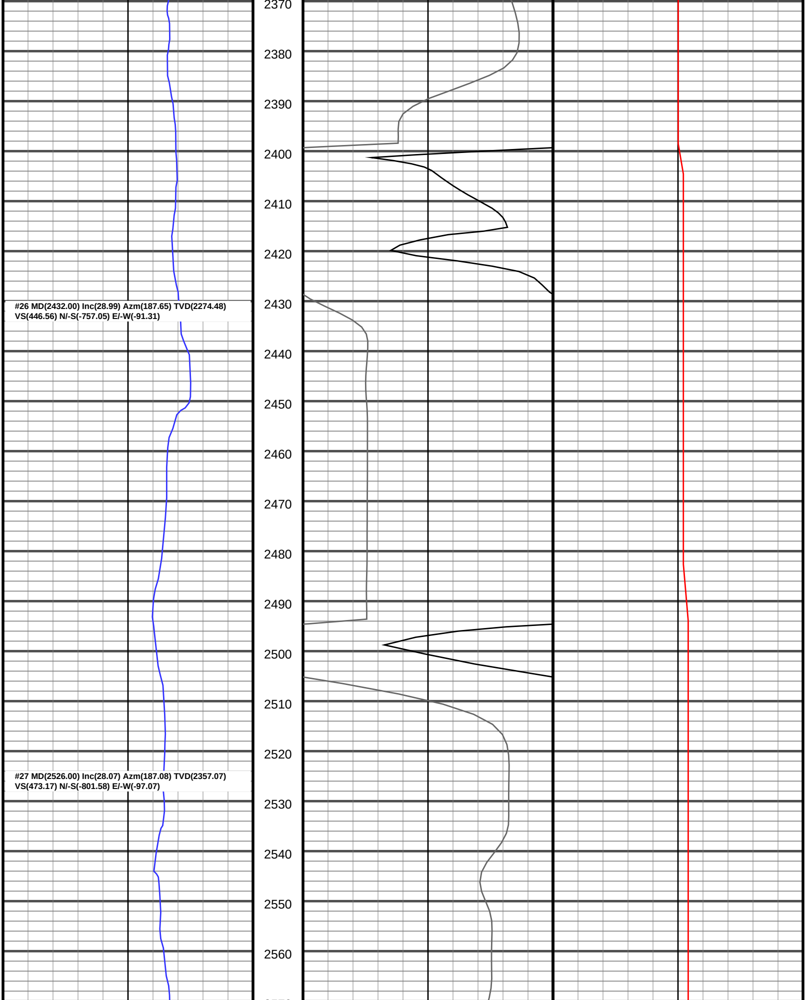
#21 MD(1957.00) Inc(28.29) Azm(189.48) TVD(1855.69)
VS(308.78) N/-S(-535.72) E/-W(-56.35)





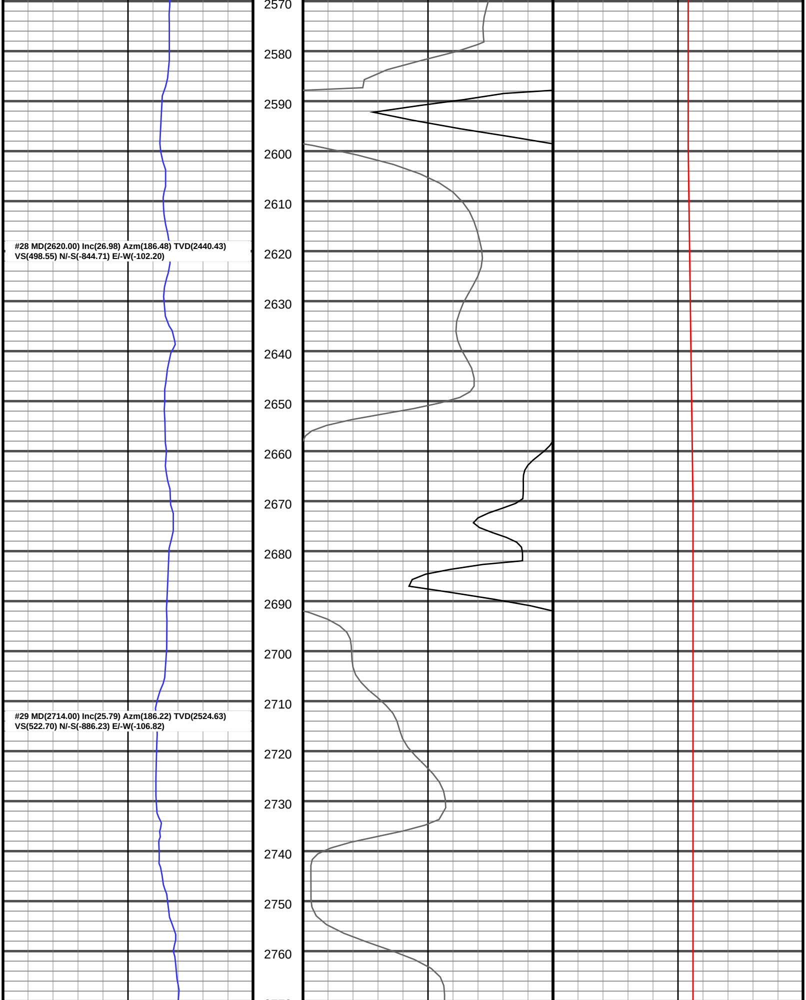
**#24 MD(2242.00) Inc(28.46) Azm(189.27) TVD(2106.66)
VS(392.47) N/-S(-668.96) E/-W(-78.24)**

**#25 MD(2337.00) Inc(27.18) Azm(188.42) TVD(2190.67)
VS(419.65) N/-S(-712.77) E/-W(-85.07)**



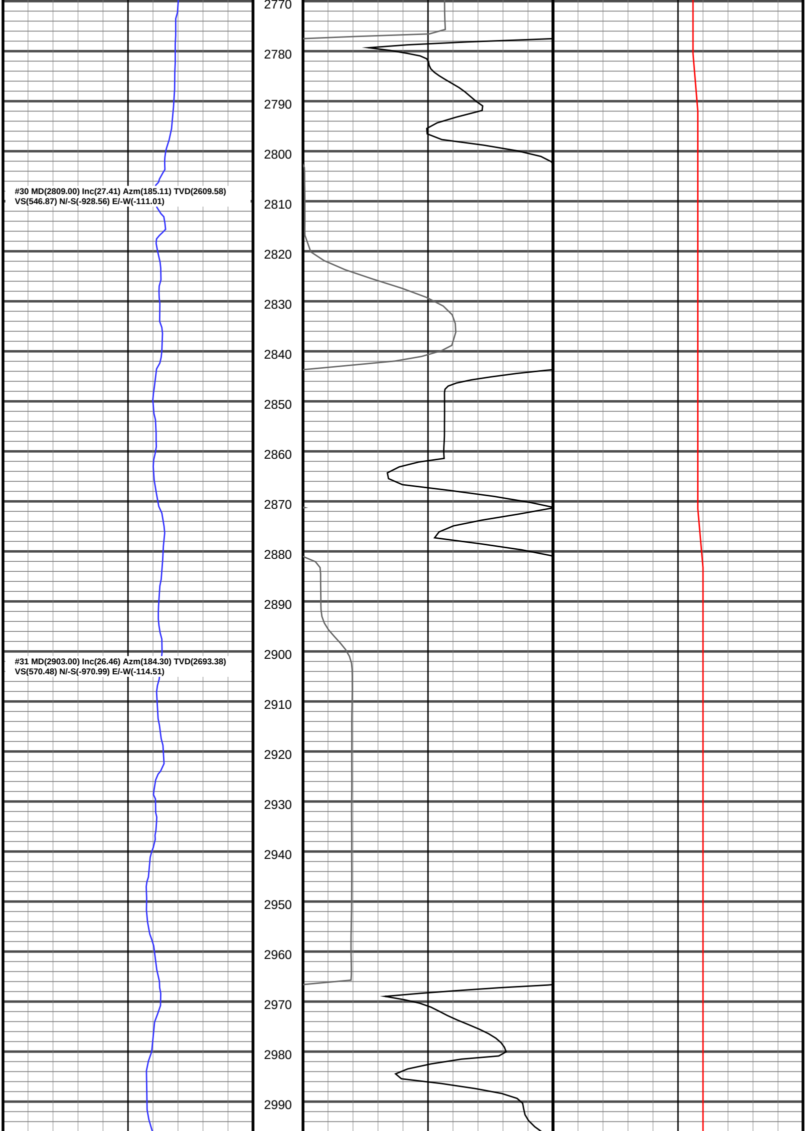
#26 MD(2432.00) Inc(28.99) Azm(187.65) TVD(2274.48)
VS(446.56) N/-S(-757.05) E/-W(-91.31)

#27 MD(2526.00) Inc(28.07) Azm(187.08) TVD(2357.07)
VS(473.17) N/-S(-801.58) E/-W(-97.07)



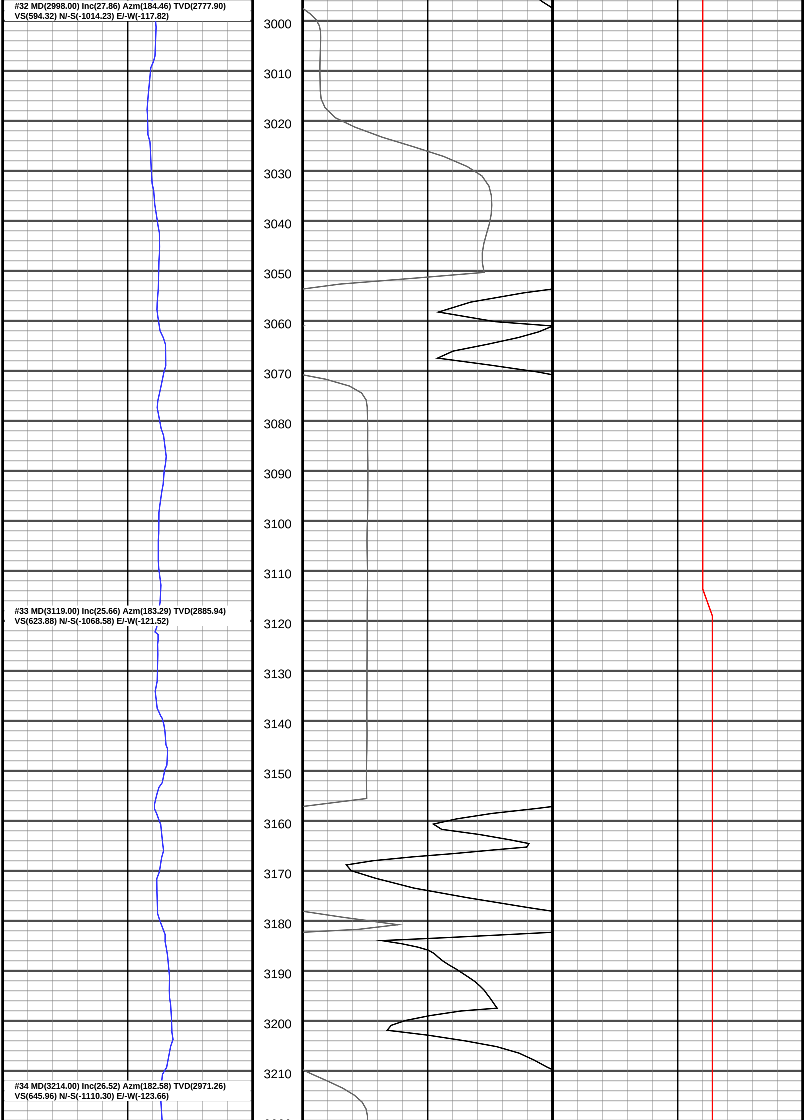
#28 MD(2620.00) Inc(26.98) Azm(186.48) TVD(2440.43)
VS(498.55) N/-S(-844.71) E/-W(-102.20)

#29 MD(2714.00) Inc(25.79) Azm(186.22) TVD(2524.63)
VS(522.70) N/-S(-886.23) E/-W(-106.82)



#30 MD(2809.00) Inc(27.41) Azm(185.11) TVD(2609.58)
VS(546.87) N/-S(-928.56) E/-W(-111.01)

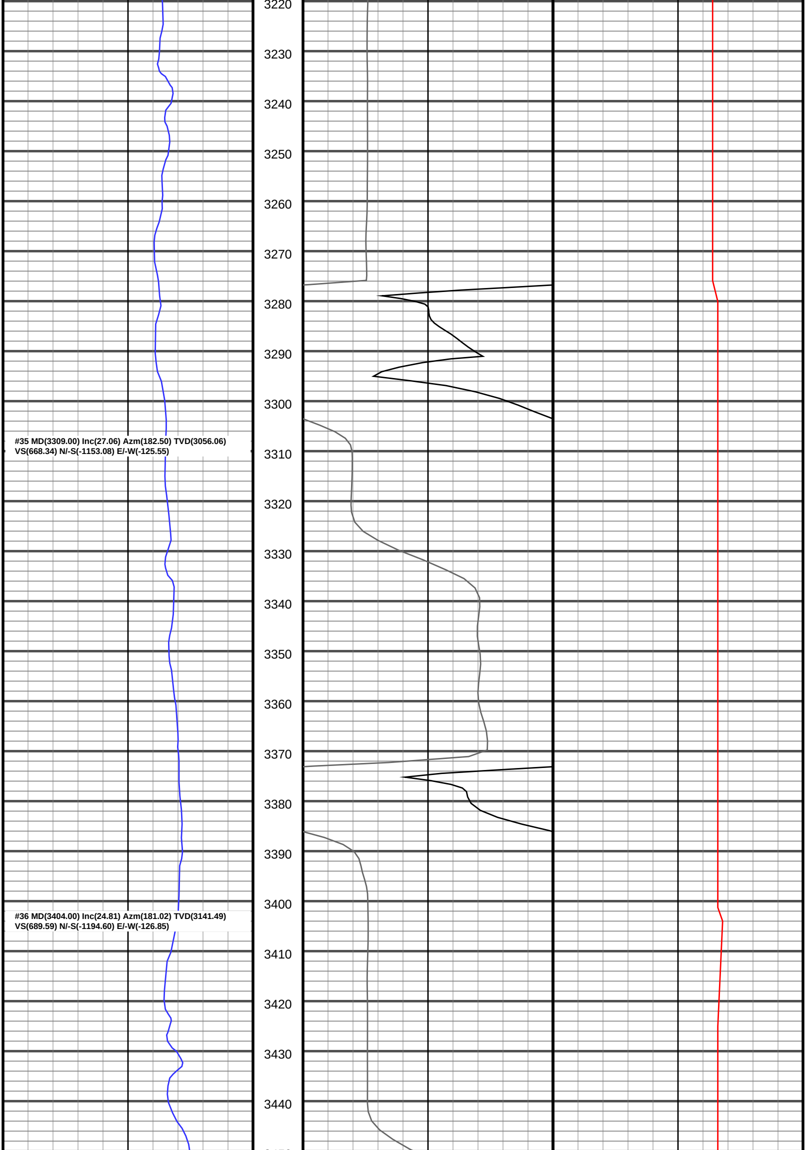
#31 MD(2903.00) Inc(26.46) Azm(184.30) TVD(2693.38)
VS(570.48) N/-S(-970.99) E/-W(-114.51)

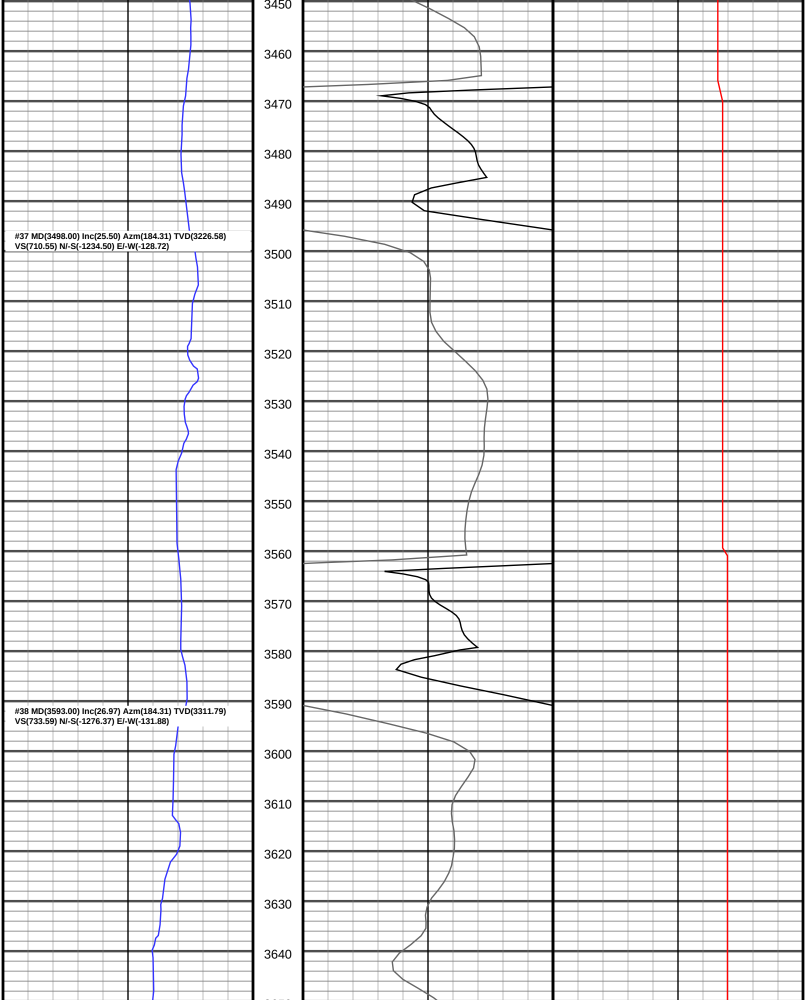


#32 MD(2998.00) Inc(27.86) Azm(184.46) TVD(2777.90)
VS(594.32) N/-S(-1014.23) E/-W(-117.82)

#33 MD(3119.00) Inc(25.66) Azm(183.29) TVD(2885.94)
VS(623.88) N/-S(-1068.58) E/-W(-121.52)

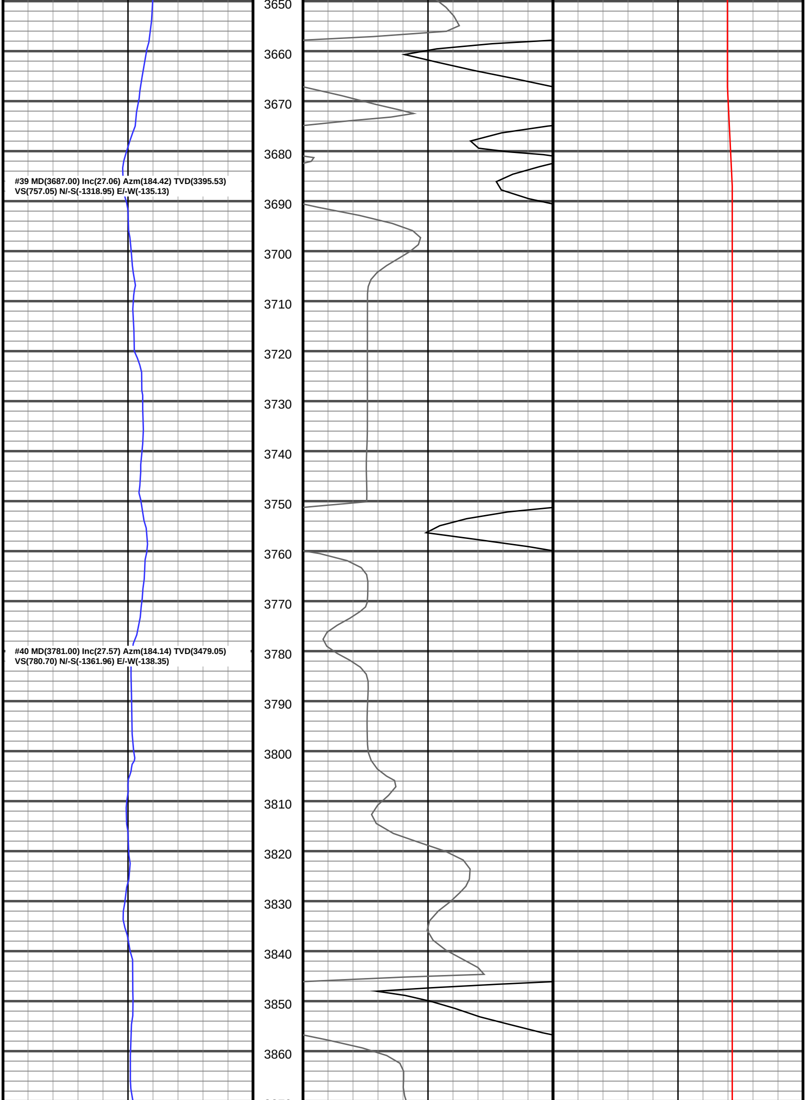
#34 MD(3214.00) Inc(26.52) Azm(182.58) TVD(2971.26)
VS(645.96) N/-S(-1110.30) E/-W(-123.66)

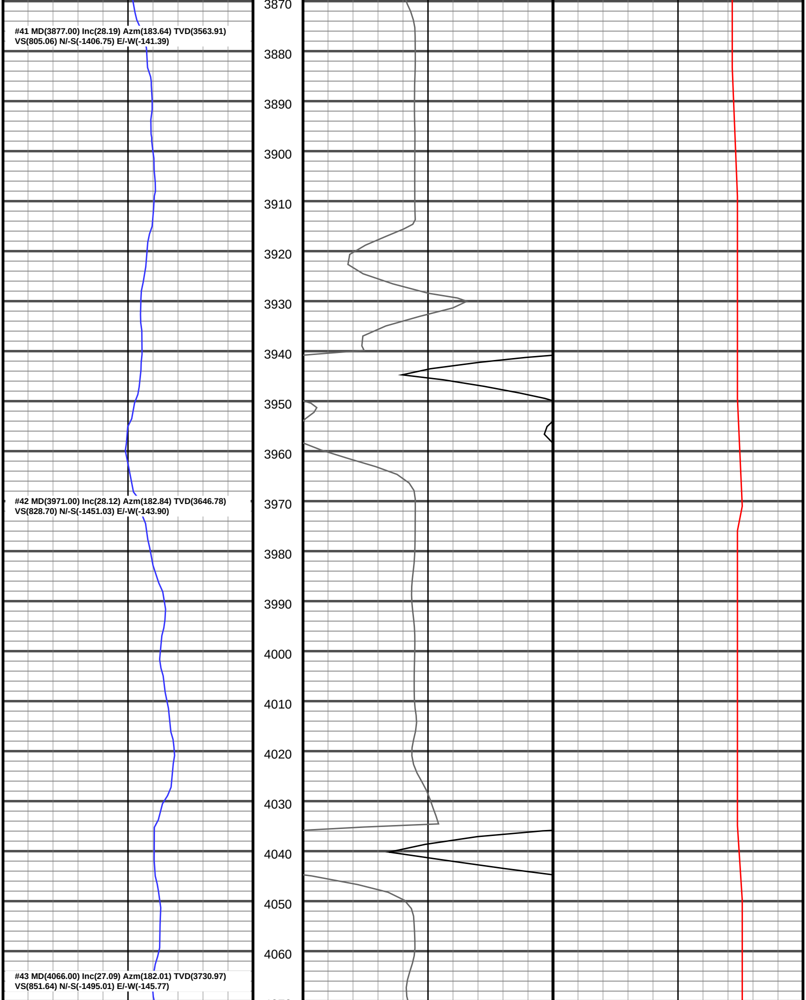


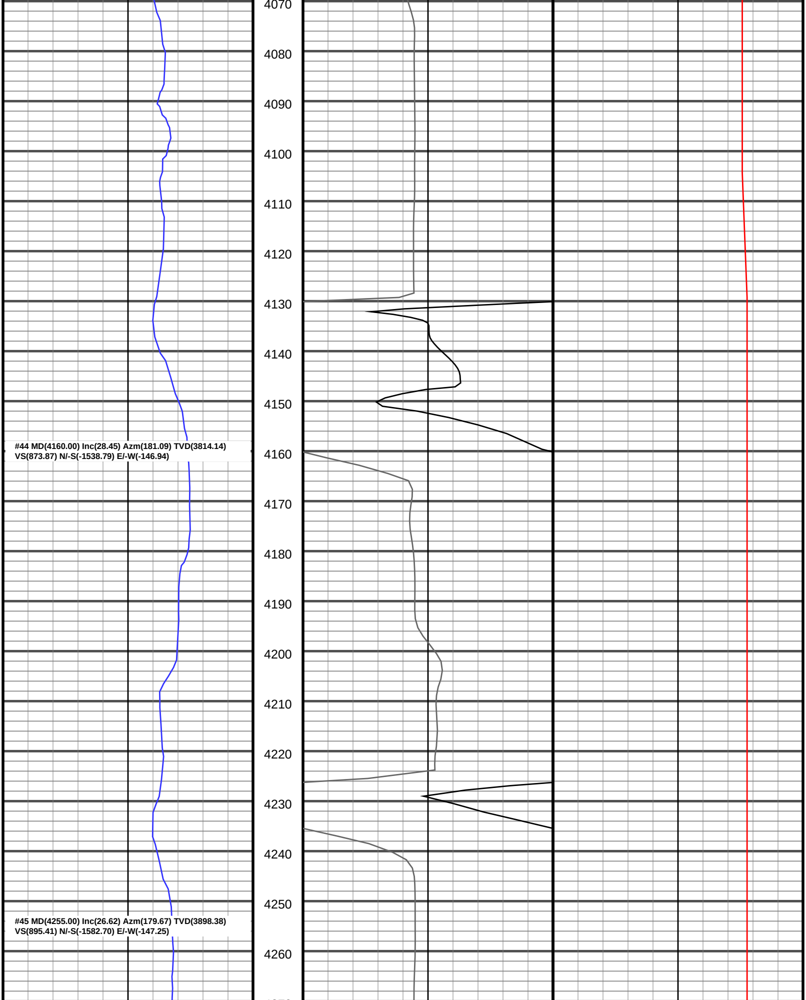


#37 MD(3498.00) Inc(25.50) Azm(184.31) TVD(3226.58)
VS(710.55) N/-S(-1234.50) E/-W(-128.72)

#38 MD(3593.00) Inc(26.97) Azm(184.31) TVD(3311.79)
VS(733.59) N/-S(-1276.37) E/-W(-131.88)

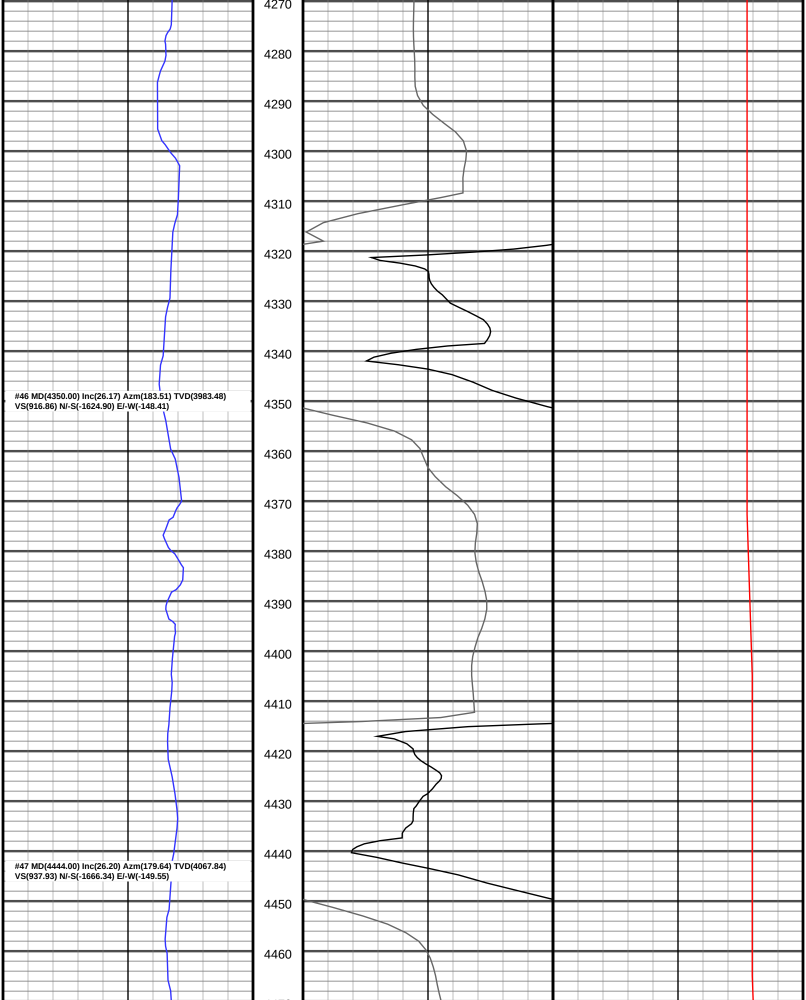


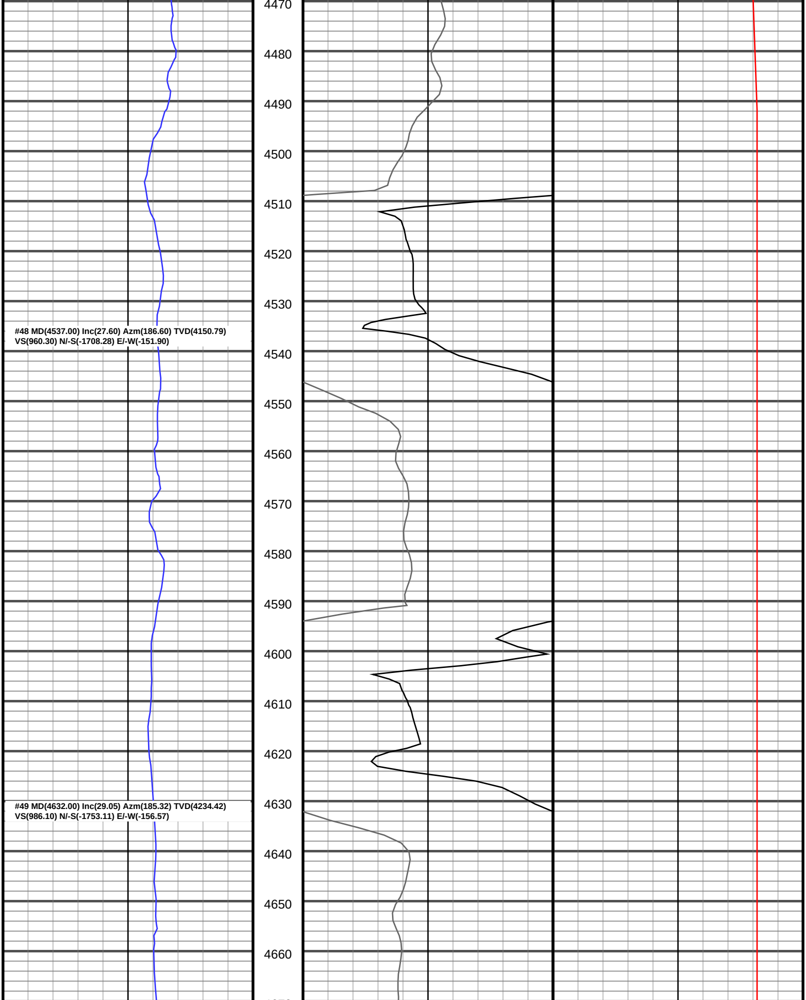


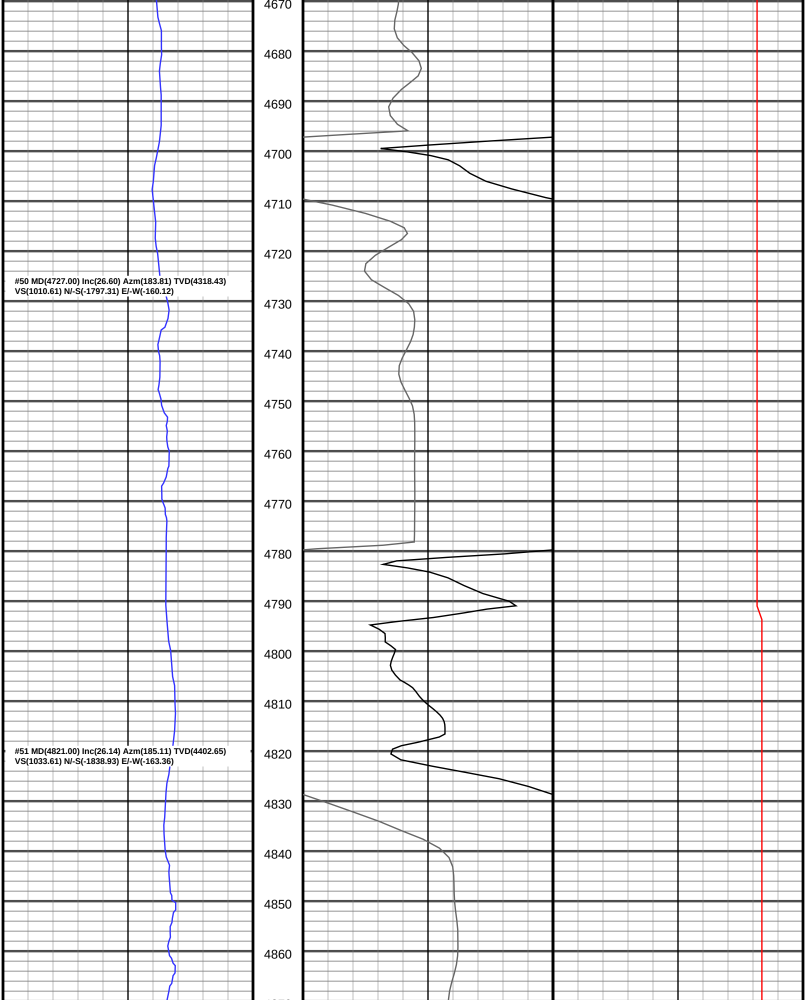


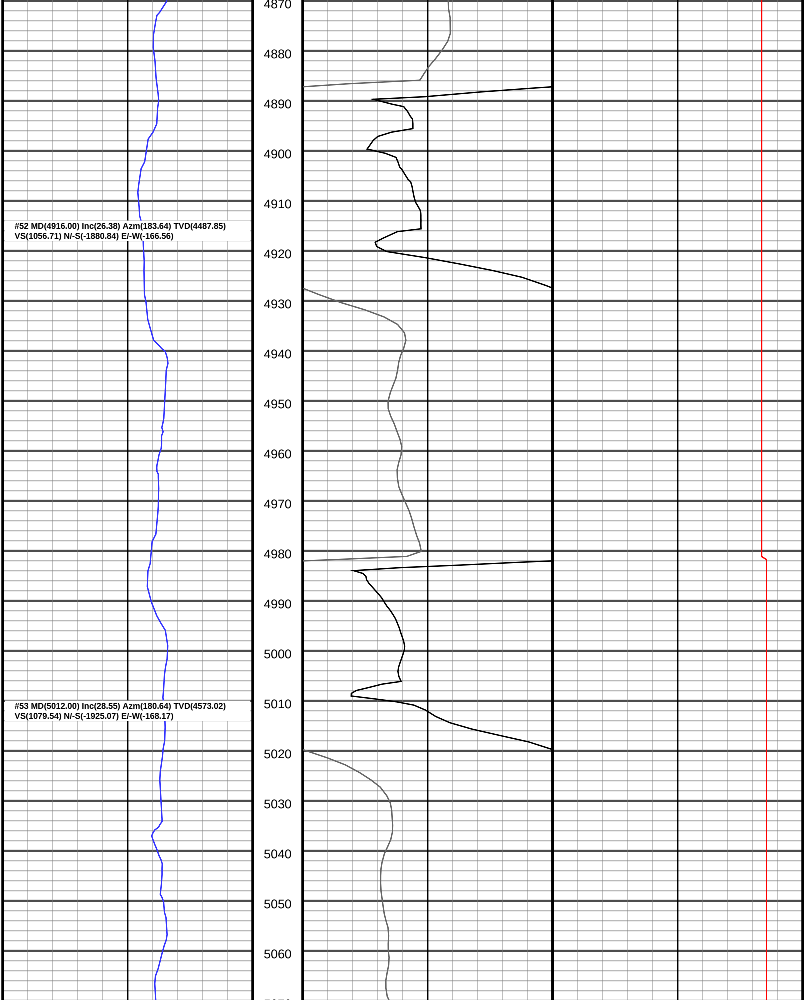
#44 MD(4160.00) Inc(28.45) Azm(181.09) TVD(3814.14)
VS(873.87) N/-S(-1538.79) E/-W(-146.94)

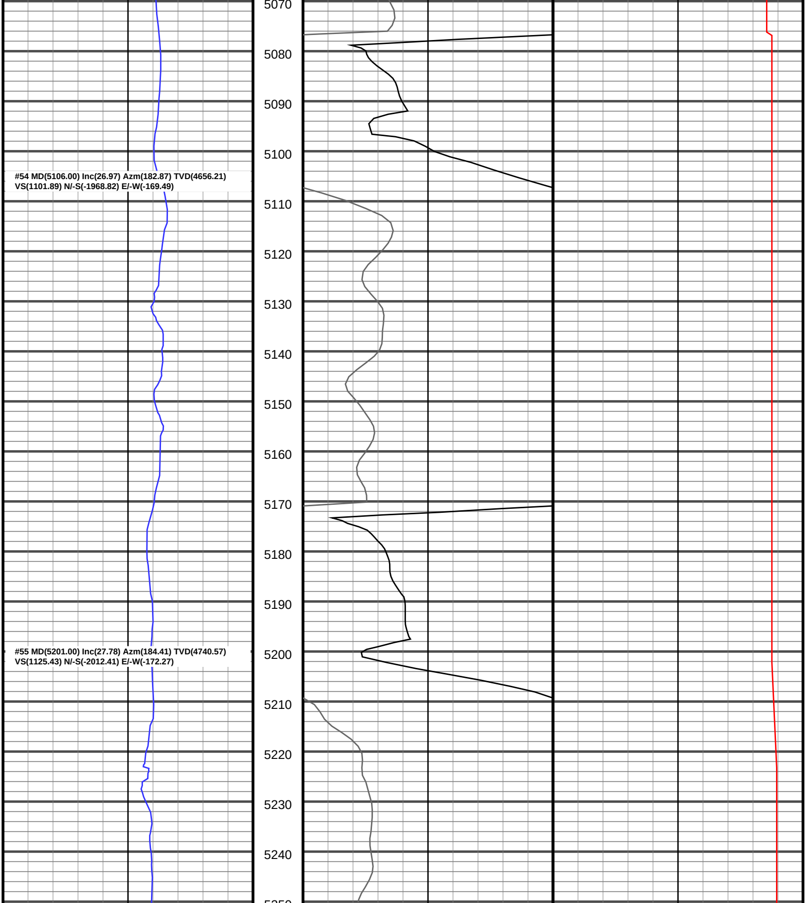
#45 MD(4255.00) Inc(26.62) Azm(179.67) TVD(3898.38)
VS(895.41) N/-S(-1582.70) E/-W(-147.25)

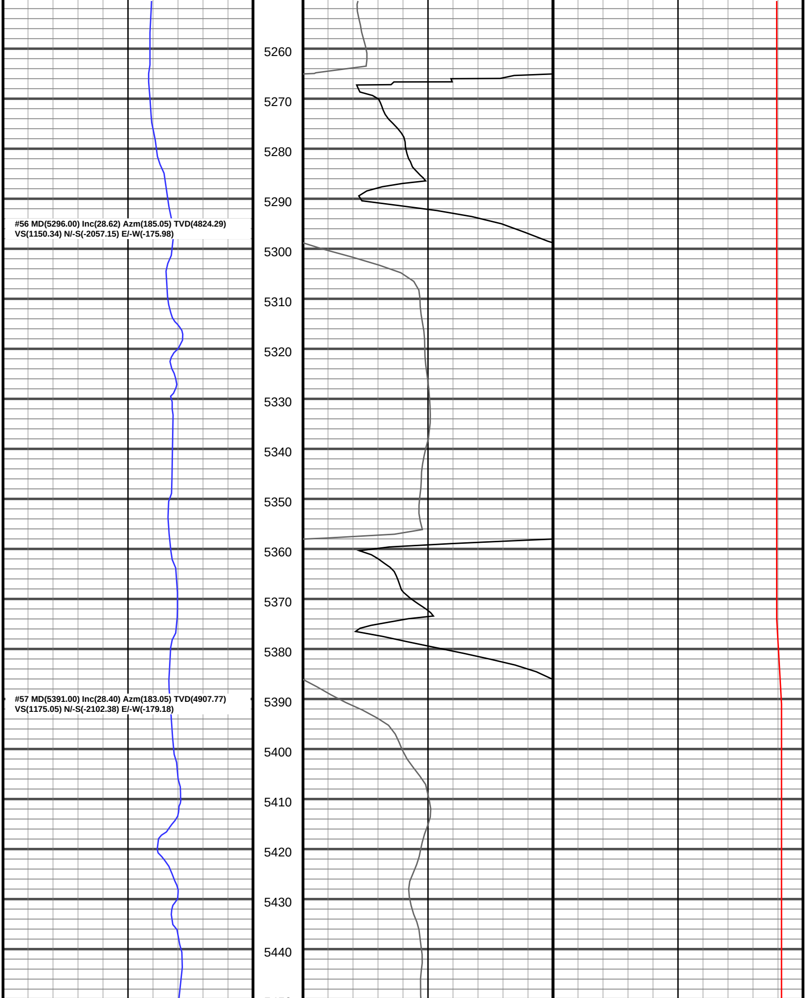


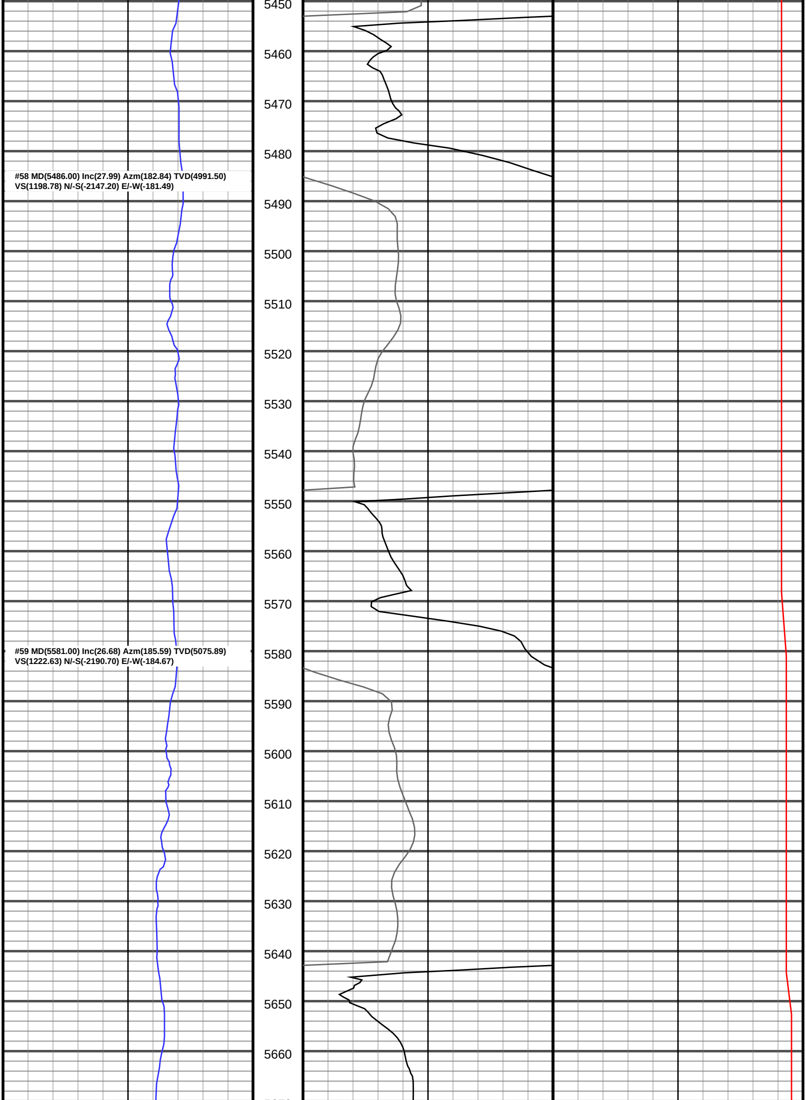


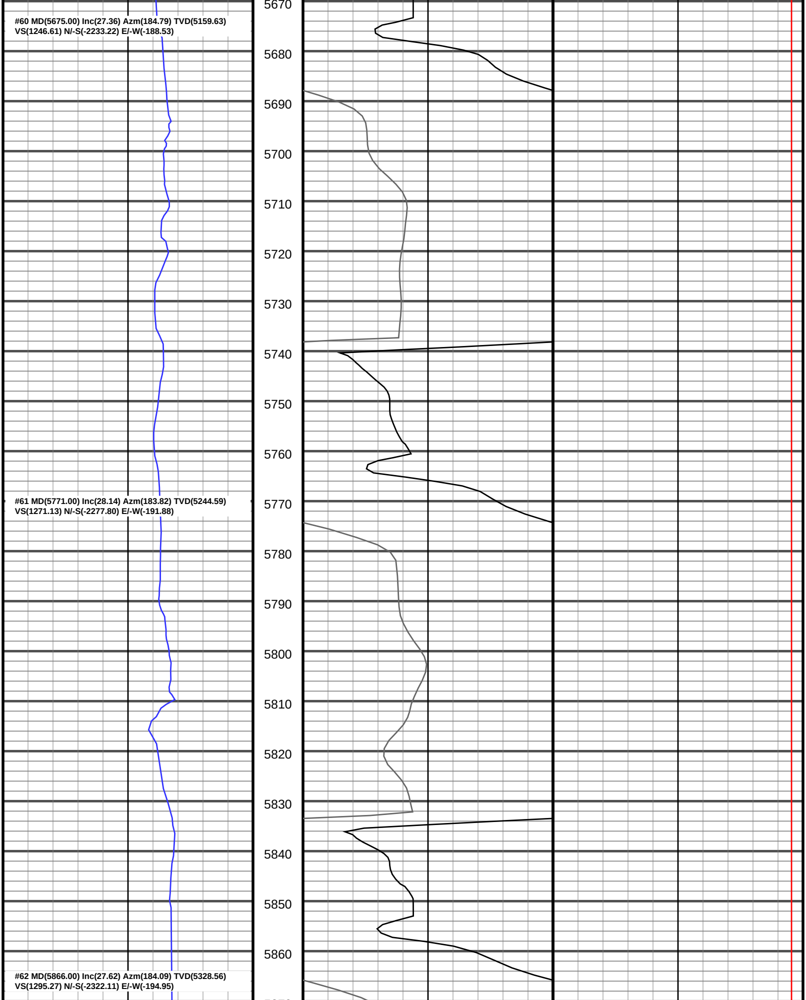








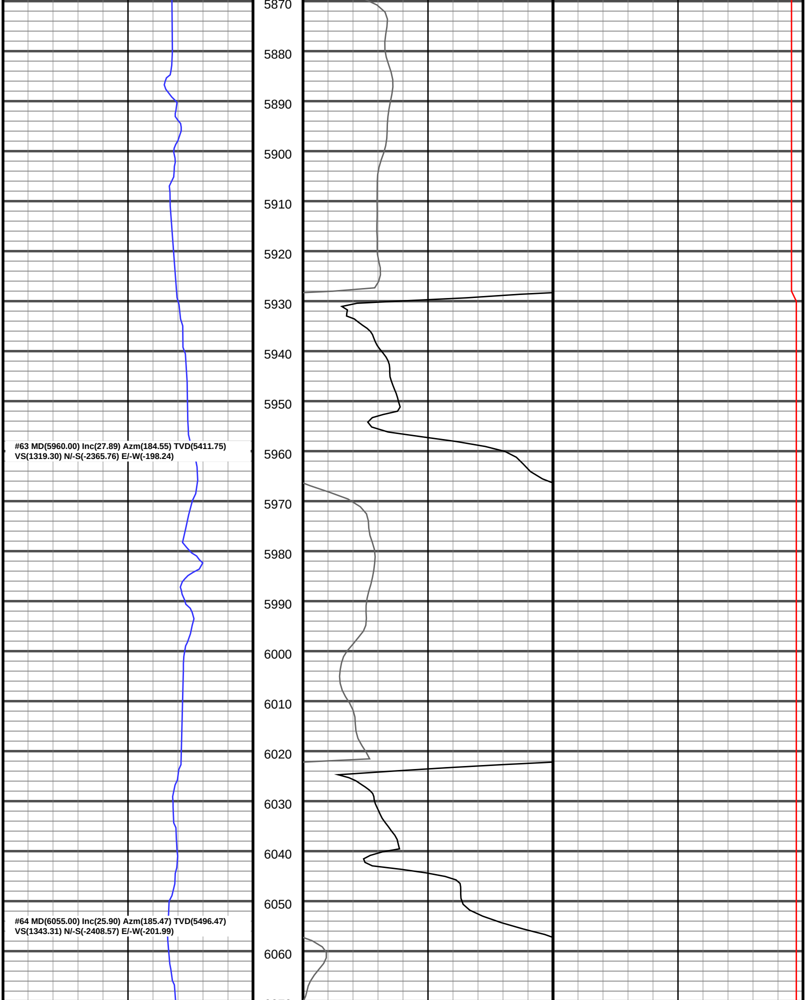




#60 MD(5675.00) Inc(27.36) Azm(184.79) TVD(5159.63)
VS(1246.61) N/-S(-2233.22) E/-W(-188.53)

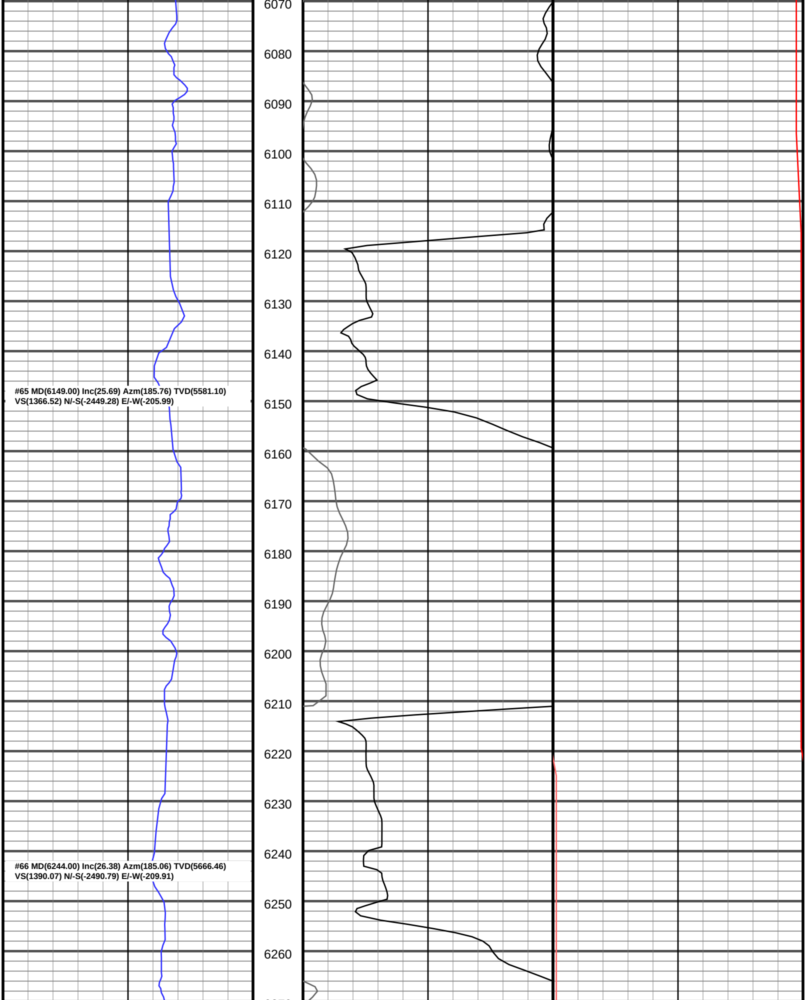
#61 MD(5771.00) Inc(28.14) Azm(183.82) TVD(5244.59)
VS(1271.13) N/-S(-2277.80) E/-W(-191.88)

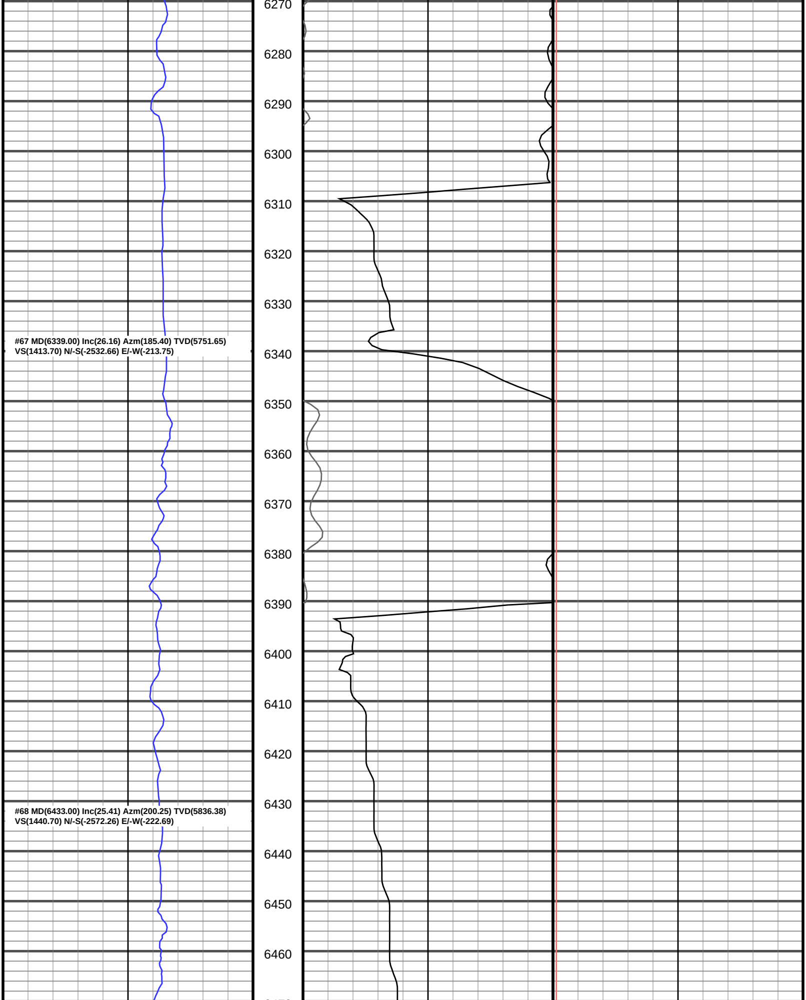
#62 MD(5866.00) Inc(27.62) Azm(184.09) TVD(5328.56)
VS(1295.27) N/-S(-2322.11) E/-W(-194.95)



#63 MD(5960.00) Inc(27.89) Azm(184.55) TVD(5411.75)
VS(1319.30) N/-S(-2365.76) E/-W(-198.24)

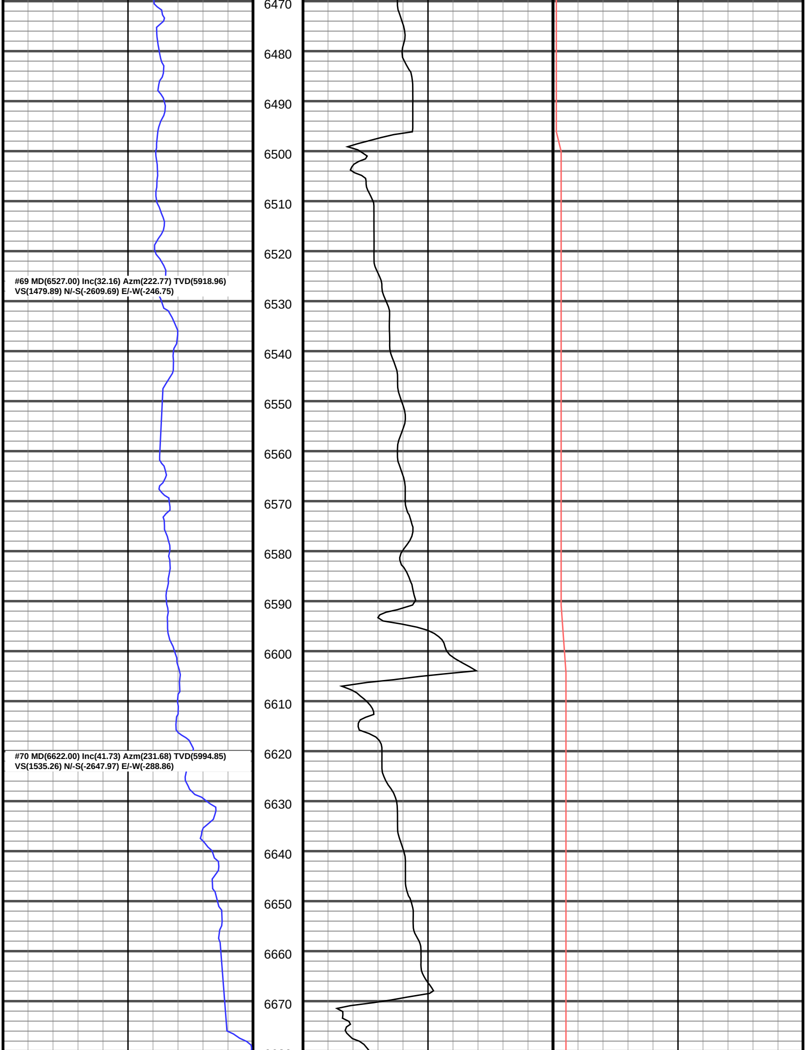
#64 MD(6055.00) Inc(25.90) Azm(185.47) TVD(5496.47)
VS(1343.31) N/-S(-2408.57) E/-W(-201.99)





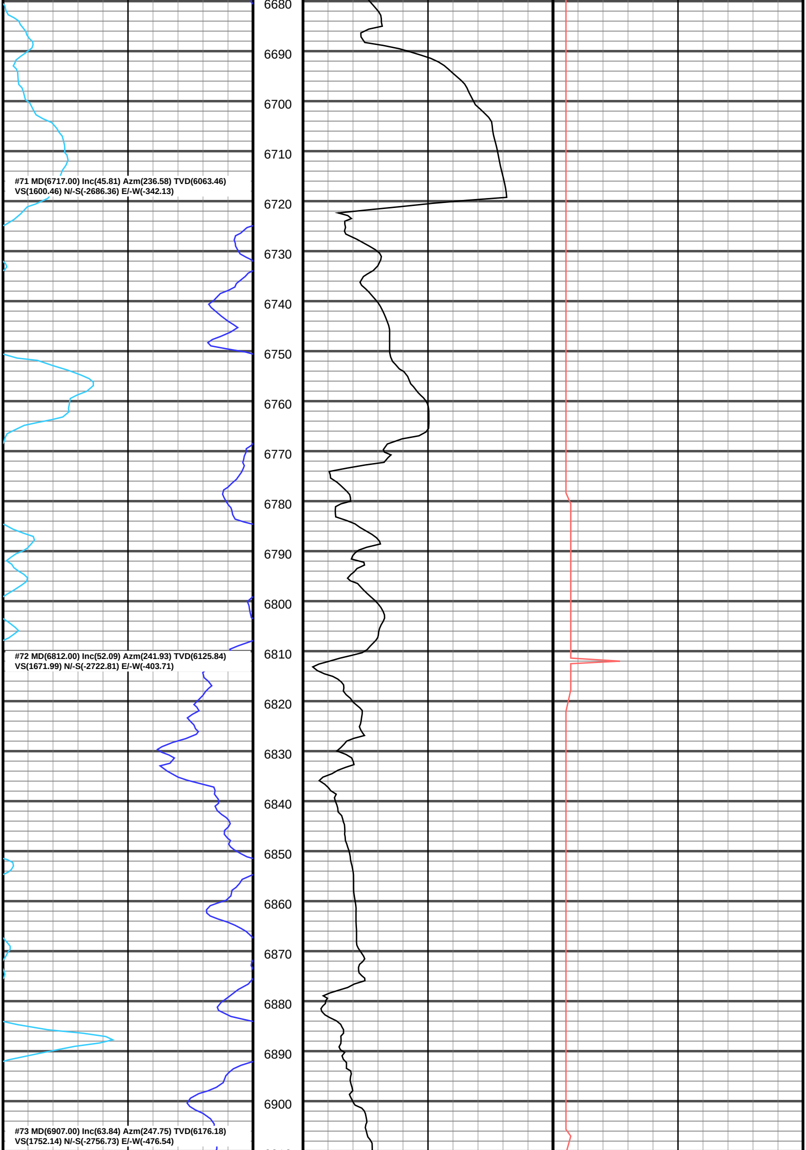
#67 MD(6339.00) Inc(26.16) Azm(185.40) TVD(5751.65)
VS(1413.70) N/-S(-2532.66) E/-W(-213.75)

#68 MD(6433.00) Inc(25.41) Azm(200.25) TVD(5836.38)
VS(1440.70) N/-S(-2572.26) E/-W(-222.69)



#69 MD(6527.00) Inc(32.16) Azm(222.77) TVD(5918.96)
VS(1479.89) N/-S(-2609.69) E/-W(-246.75)

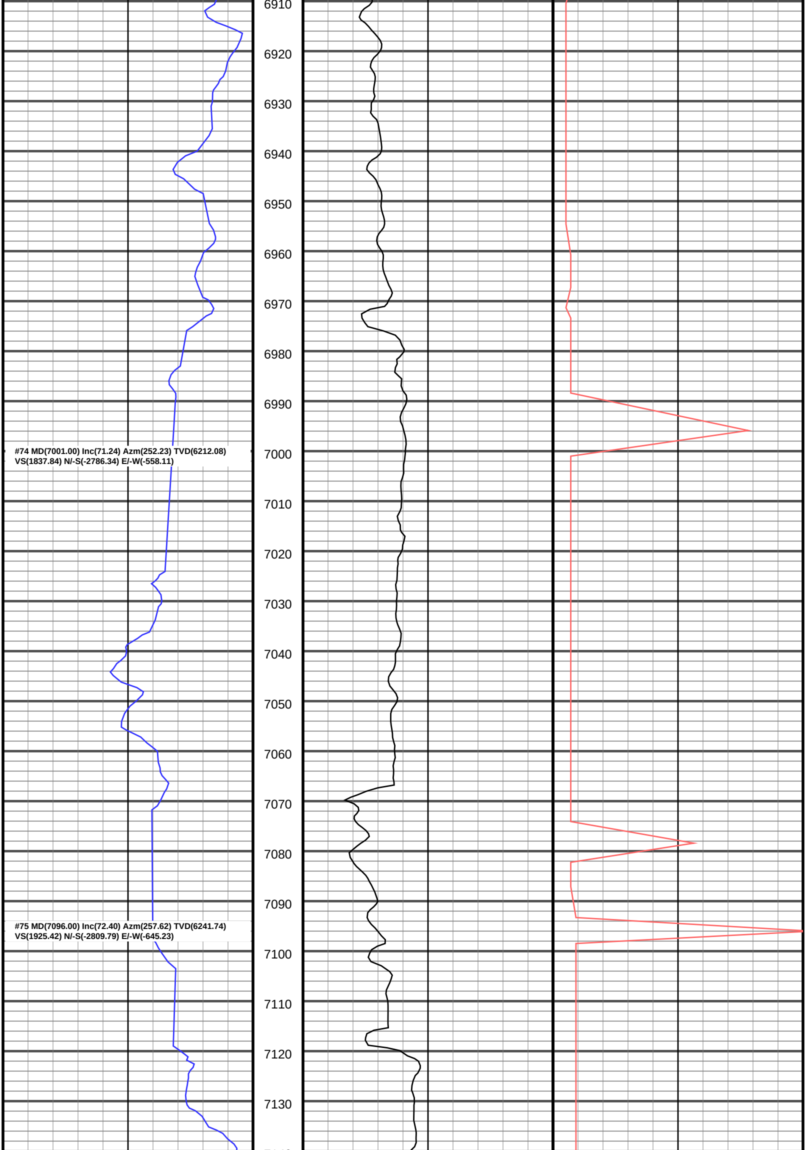
#70 MD(6622.00) Inc(41.73) Azm(231.68) TVD(5994.85)
VS(1535.26) N/-S(-2647.97) E/-W(-288.86)



#71 MD(6717.00) Inc(45.81) Azm(236.58) TVD(6063.46)
VS(1600.46) N/-S(-2686.36) E/-W(-342.13)

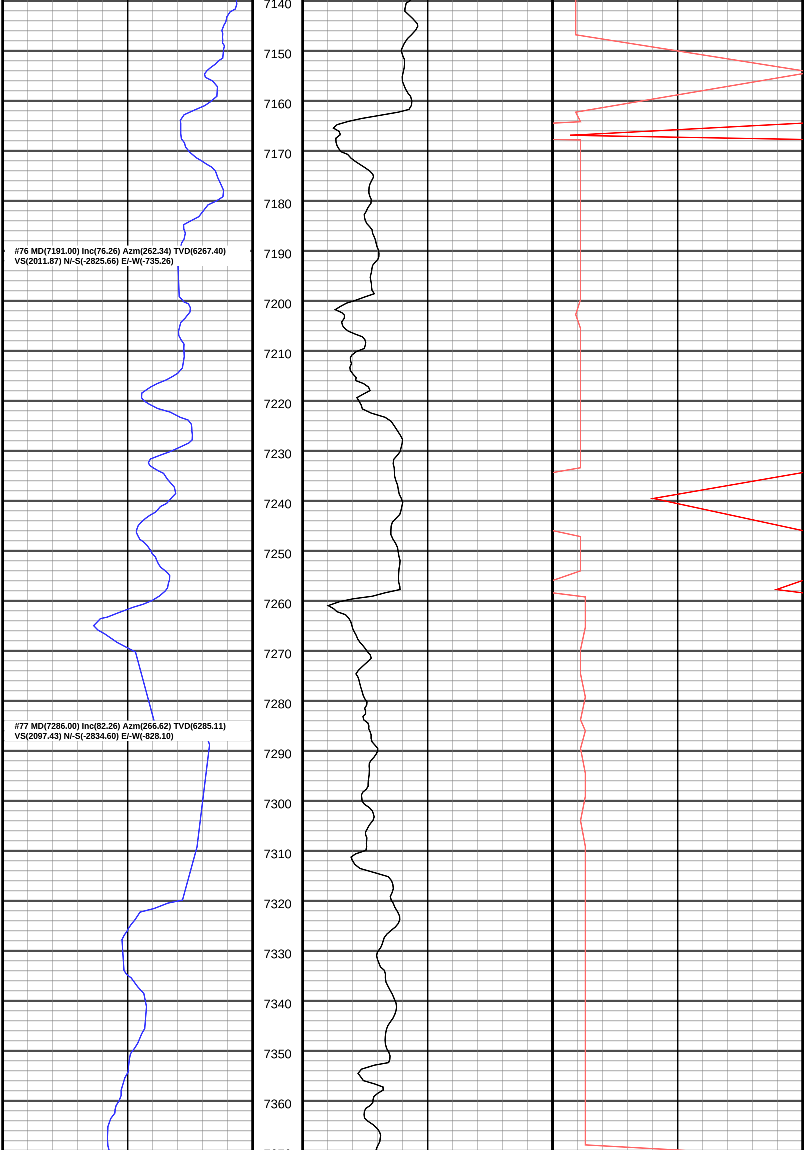
#72 MD(6812.00) Inc(52.09) Azm(241.93) TVD(6125.84)
VS(1671.99) N/-S(-2722.81) E/-W(-403.71)

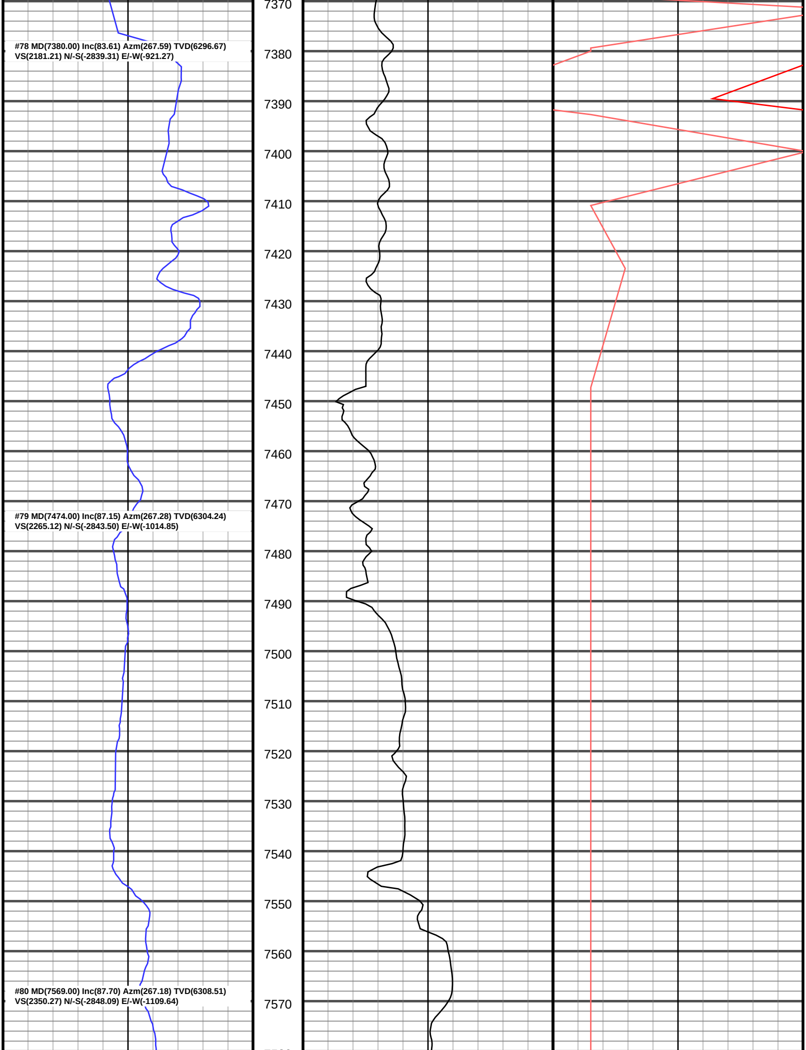
#73 MD(6907.00) Inc(63.84) Azm(247.75) TVD(6176.18)
VS(1752.14) N/-S(-2756.73) E/-W(-476.54)



#74 MD(7001.00) Inc(71.24) Azm(252.23) TVD(6212.08)
VS(1837.84) N/-S(-2786.34) E/-W(-558.11)

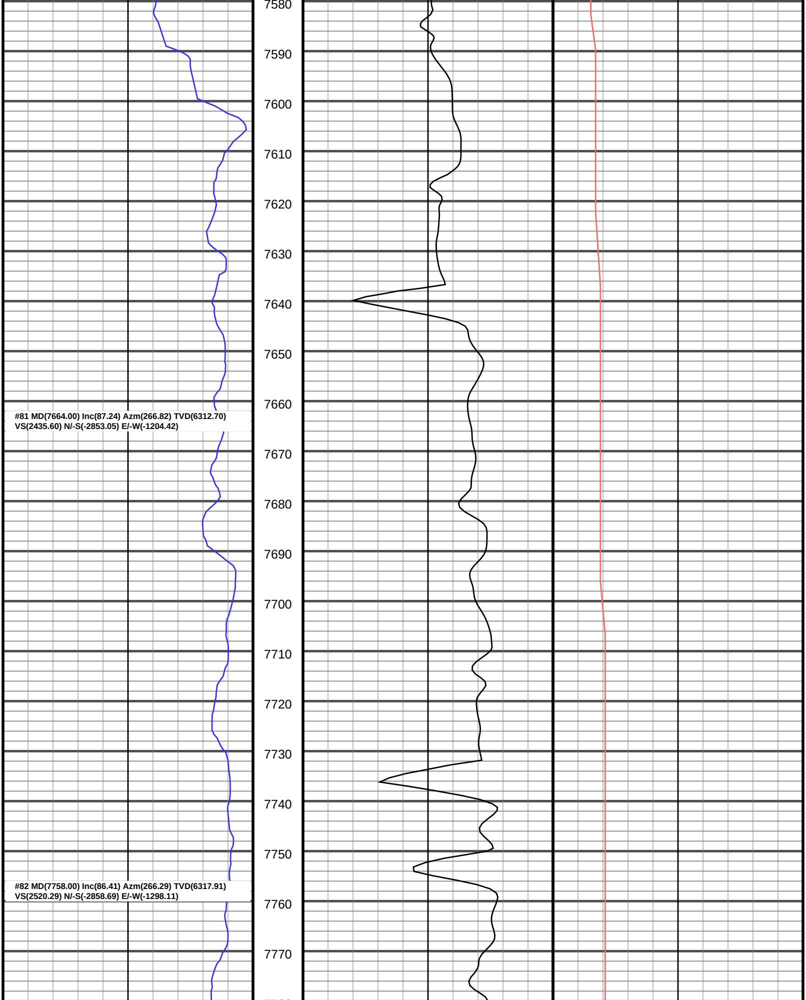
#75 MD(7096.00) Inc(72.40) Azm(257.62) TVD(6241.74)
VS(1925.42) N/-S(-2809.79) E/-W(-645.23)




#78 MD(7380.00) Inc(83.61) Azm(267.59) TVD(6296.67)
VS(2181.21) N/-S(-2839.31) E/-W(-921.27)

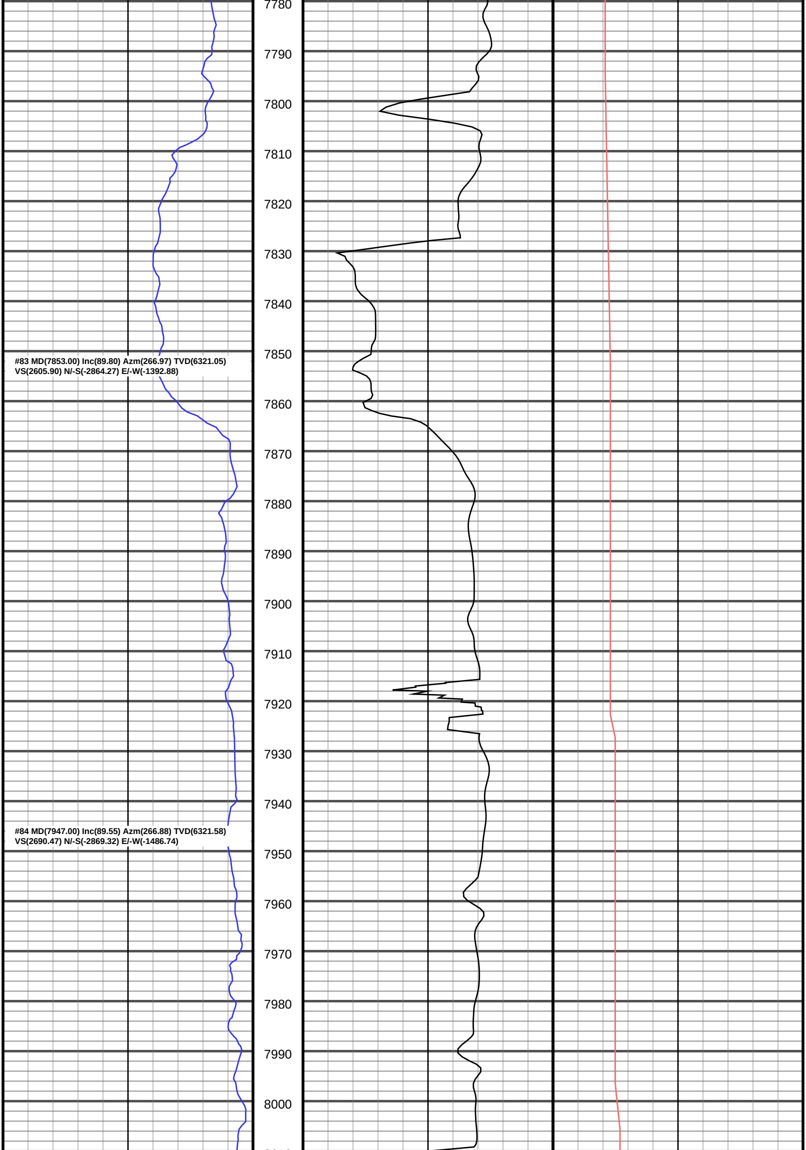
#79 MD(7474.00) Inc(87.15) Azm(267.28) TVD(6304.24)
VS(2265.12) N/-S(-2843.50) E/-W(-1014.85)

#80 MD(7569.00) Inc(87.70) Azm(267.18) TVD(6308.51)
VS(2350.27) N/-S(-2848.09) E/-W(-1109.64)



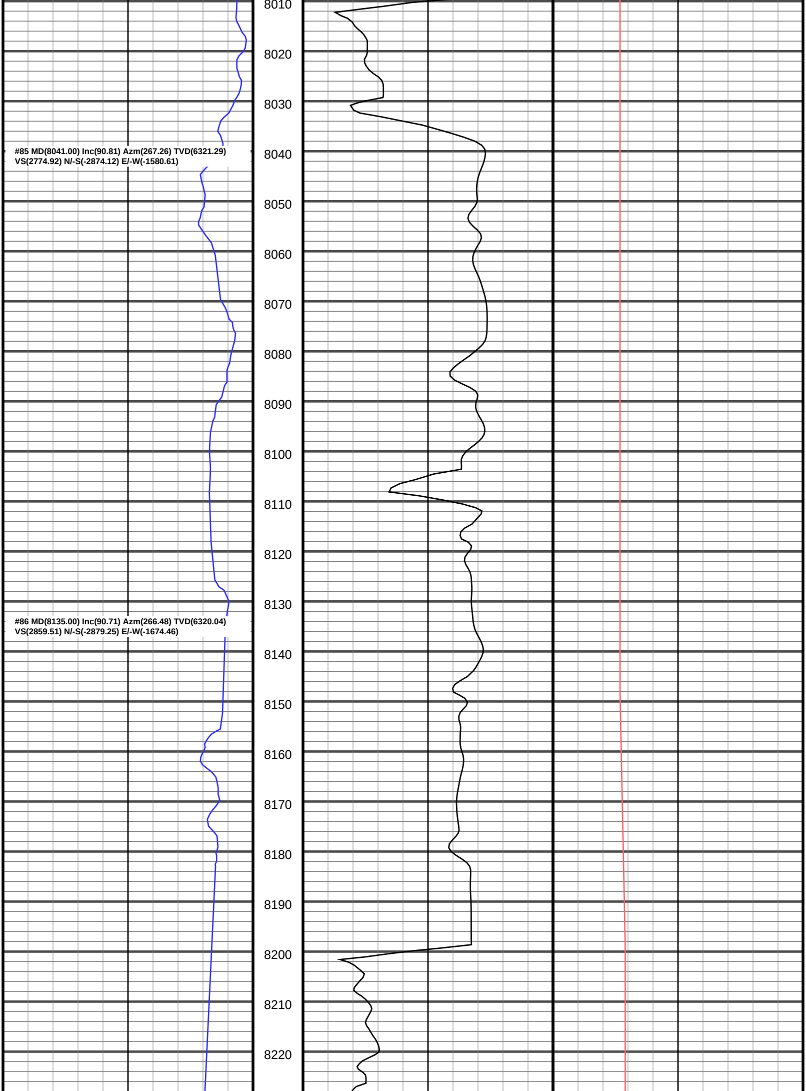
#81 MD(7664.00) Inc(87.24) Azm(266.82) TVD(6312.70)
VS(2435.60) N/-S(-2853.05) E/-W(-1204.42)

#82 MD(7758.00) Inc(86.41) Azm(266.29) TVD(6317.91)
VS(2520.29) N/-S(-2858.69) E/-W(-1298.11)



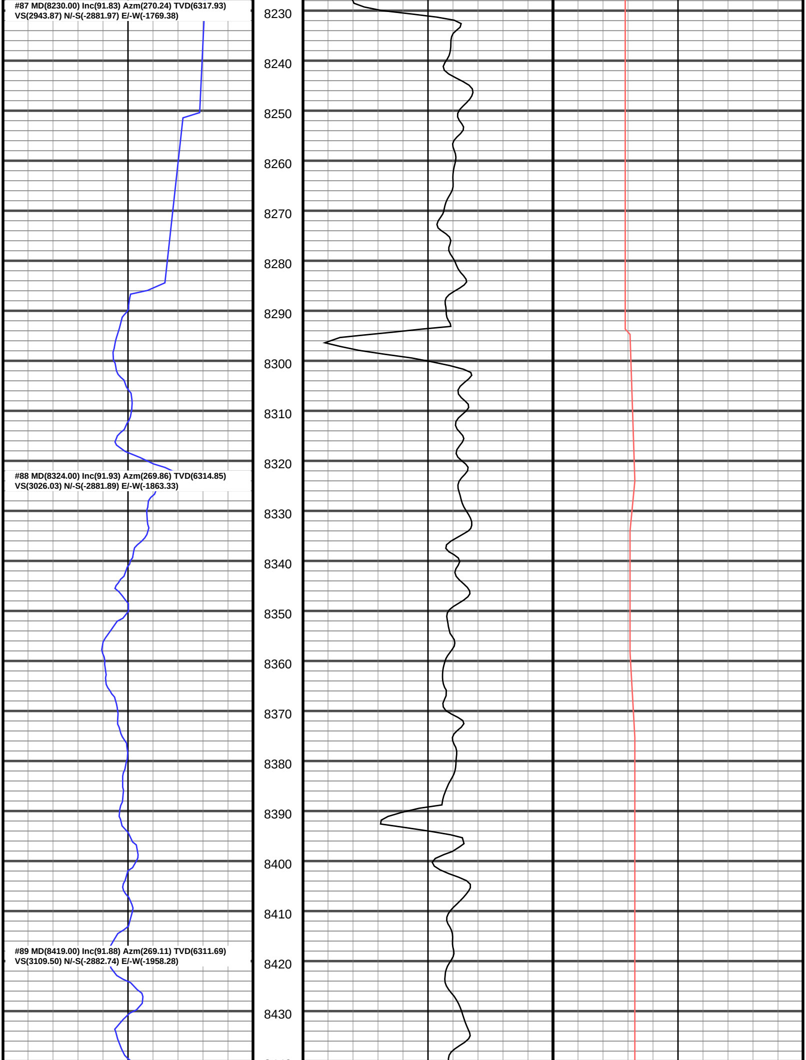
#83 MD(7853.00) Inc(89.80) Azm(266.97) TVD(6321.05)
VS(2605.90) N/-S(-2864.27) E/-W(-1392.88)

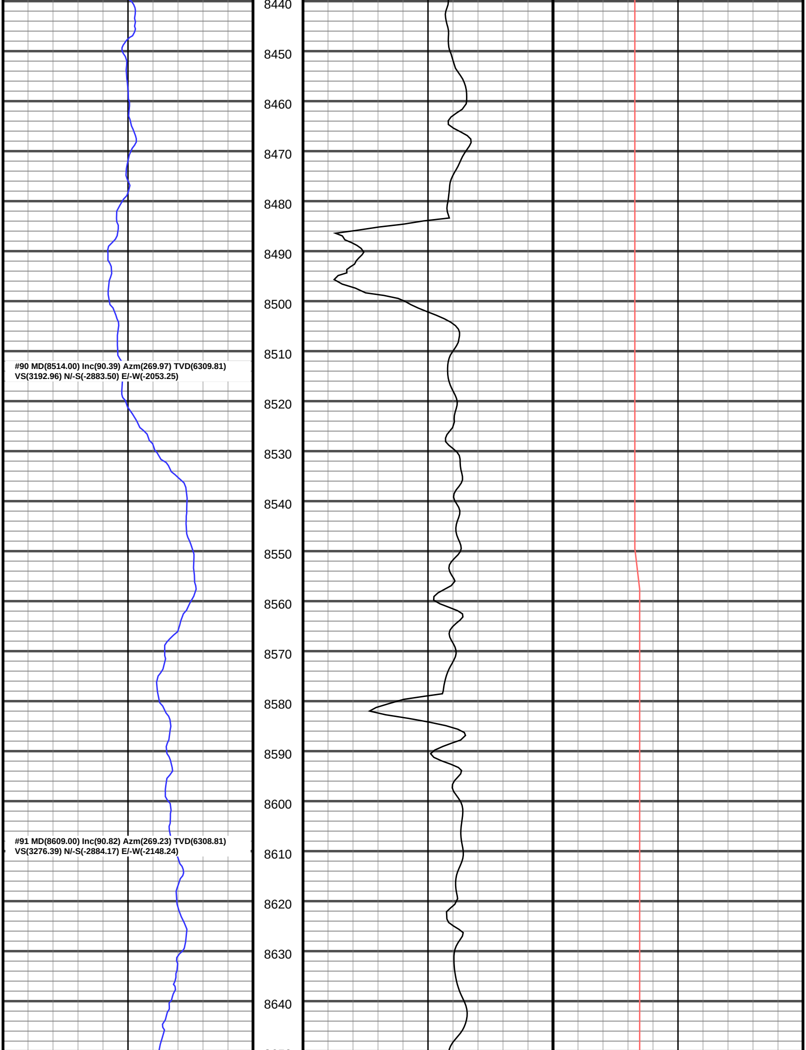
#84 MD(7947.00) Inc(89.55) Azm(266.88) TVD(6321.58)
VS(2690.47) N/-S(-2869.32) E/-W(-1486.74)



#85 MD(8041.00) Inc(90.81) Azm(267.26) TVD(6321.29)
VS(2774.92) N/-S(-2874.12) E/-W(-1580.61)

#86 MD(8135.00) Inc(90.71) Azm(266.48) TVD(6320.04)
VS(2859.51) N/-S(-2879.25) E/-W(-1674.46)





#90 MD(8514.00) Inc(90.39) Azm(269.97) TVD(6309.81)
VS(3192.96) N/-S(-2883.50) E/-W(-2053.25)

#91 MD(8609.00) Inc(90.82) Azm(269.23) TVD(6308.81)
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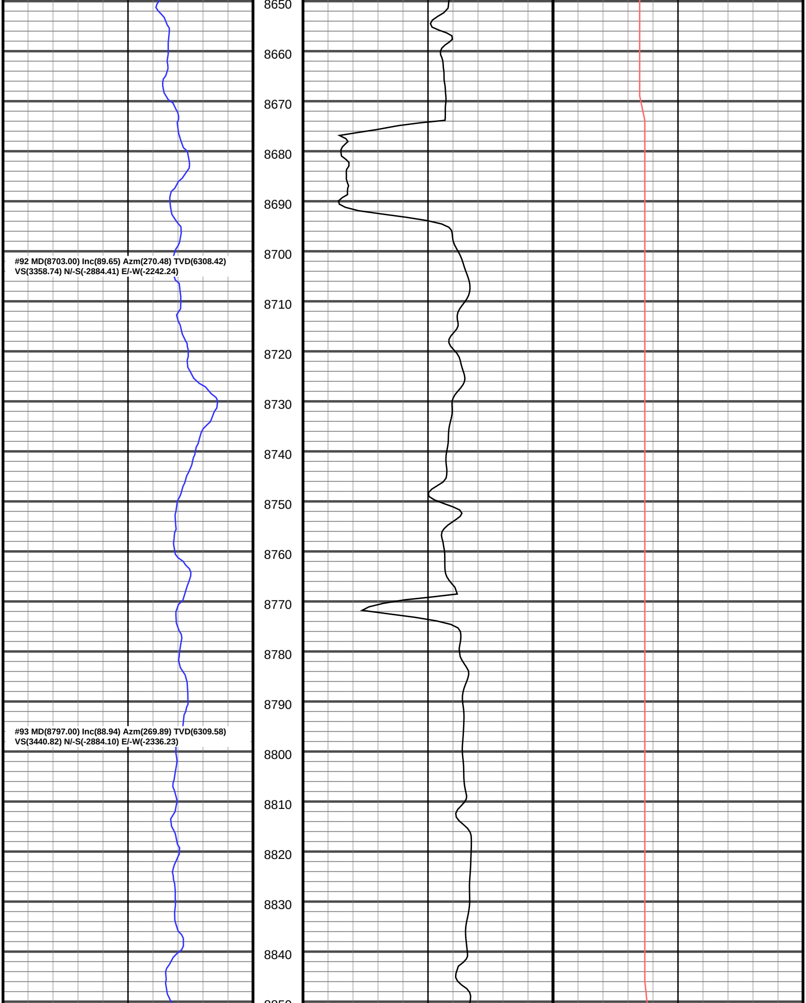

#92 MD(8703.00) Inc(89.65) Azm(270.48) TVD(6308.42)
VS(3358.74) N/-S(-2884.41) E/-W(-2242.24)

#93 MD(8797.00) Inc(88.94) Azm(269.89) TVD(6309.58)
VS(3440.82) N/-S(-2884.10) E/-W(-2336.23)

#94 MD(8882.00) Inc(89.62) Azm(270.78) TVD(8310.61) VS(3023.67) N/-S(-2883.58) E/-W(-2431.22)
#95 MD(8986.00) Inc(90.17) Azm(269.85) TVD(8311.43) VS(3025.66) N/-S(-2883.08) E/-W(-2525.21)
#96 MD(9080.00) Inc(89.40) Azm(270.75) TVD(8312.92) VS(3088.52) N/-S(-2882.56) E/-W(-2620.20)
#97 MD(9175.00) Inc(90.73) Azm(271.47) TVD(8313.29) VS(3770.73) N/-S(-2883.72) E/-W(-2715.19)
#98 MD(9271.00) Inc(89.21) Azm(266.85) TVD(8314.12) VS(3854.48) N/-S(-2882.08) E/-W(-2810.14)
#99 MD(9366.00) Inc(89.01) Azm(267.59) TVD(8315.60) VS(3929.86) N/-S(-2887.05) E/-W(-2905.08)
#100 MD(9461.00) Inc(89.58) Azm(268.63) TVD(8316.77) VS(4034.62) N/-S(-2890.92) E/-W(-2999.92)
#101 MD(9555.00) Inc(88.54) Azm(267.50) TVD(8317.98) VS(4108.34) N/-S(-2893.78) E/-W(-3093.86)
#102 MD(9650.00) Inc(91.21) Azm(269.68) TVD(8317.85) VS(4192.55) N/-S(-2896.11) E/-W(-3188.82)
#103 MD(9744.00) Inc(91.17) Azm(270.56) TVD(8315.90) VS(4274.66) N/-S(-2895.93) E/-W(-3282.80)
#104 MD(9839.00) Inc(91.89) Azm(270.34) TVD(8313.29) VS(4357.28) N/-S(-2895.17) E/-W(-3377.76)
#105 MD(9933.00) Inc(90.77) Azm(271.63) TVD(8311.04) VS(4438.35) N/-S(-2893.69) E/-W(-3471.67)
#106 MD(10028.00) Inc(89.89) Azm(274.87) TVD(8311.07) VS(4517.97) N/-S(-2888.67) E/-W(-3566.48)
#107 MD(10123.00) Inc(88.86) Azm(273.25) TVD(8313.10) VS(4597.14) N/-S(-2882.02) E/-W(-3661.19)
#108 MD(10217.00) Inc(88.49) Azm(272.20) TVD(8315.28) VS(4677.88) N/-S(-2877.77) E/-W(-3755.02)
#109 MD(10311.00) Inc(90.81) Azm(272.49) TVD(8316.04) VS(4757.29) N/-S(-2890.76) E/-W(-3848.92)
#110 MD(10406.00) Inc(87.81) Azm(269.57) TVD(8318.96) VS(4839.10) N/-S(-2867.88) E/-W(-3943.87)
#111 MD(10501.00) Inc(88.71) Azm(269.49) TVD(8322.37) VS(4922.74) N/-S(-2868.14) E/-W(-4038.82)
#112 MD(10595.00) Inc(88.83) Azm(268.59) TVD(8324.23) VS(5005.78) N/-S(-2869.70) E/-W(-4132.75)
#113 MD(10690.00) Inc(88.37) Azm(268.11) TVD(8327.02) VS(5090.34) N/-S(-2873.29) E/-W(-4227.65)
#114 MD(10784.00) Inc(90.20) Azm(268.66) TVD(8328.39) VS(5173.82) N/-S(-2875.94) E/-W(-4321.61)
#115 MD(10878.00) Inc(90.89) Azm(268.78) TVD(8327.50) VS(5257.35) N/-S(-2879.04) E/-W(-4415.55)
#116 MD(10973.00) Inc(89.72) Azm(267.95) TVD(8326.78) VS(5341.46) N/-S(-2885.78) E/-W(-4510.52)
#117 MD(11067.00) Inc(89.14) Azm(268.30) TVD(8329.49) VS(5425.12) N/-S(-2893.85) E/-W(-4604.45)
#118 MD(11162.00) Inc(88.22) Azm(268.63) TVD(8329.93) VS(5509.41) N/-S(-2895.35) E/-W(-4699.42)
#119 MD(11256.00) Inc(89.77) Azm(267.38) TVD(8329.86) VS(5593.18) N/-S(-2899.62) E/-W(-4793.37)
#120 MD(11351.00) Inc(89.73) Azm(265.92) TVD(8330.26) VS(5678.84) N/-S(-2905.17) E/-W(-4888.20)
#121 MD(11446.00) Inc(89.62) Azm(266.21) TVD(8330.80) VS(5764.81) N/-S(-2911.69) E/-W(-4982.98)
#122 MD(11540.00) Inc(90.30) Azm(269.29) TVD(8330.87) VS(5850.31) N/-S(-2908.68) E/-W(-5076.73)
#123 MD(11635.00) Inc(91.35) Azm(269.14) TVD(8329.57) VS(5936.97) N/-S(-2918.62) E/-W(-5171.37)
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