McGlothlin Farms 4X-314

TVD
5":100’

Company: Petroleum Development Corp.
Well Name: McGlothlin Farms 4X-314
API: 051234400700
County/Parish: Weld
State: Colorado
Country: United States
Job number: 161-97
Field: Wattenburg
Rig Id: Ensign 161
Survey Company: Ensign Directional Services
Operator: Petroleum Development Corp.
Company Man: Brady Sharp / John Falton

Daylight DD: Zach Gentry
Swing Shift DD: Chris Saykally
Night DD: Tony Callow
Daylight MWD: Justin Klatt
Night MWD: Ryan Prue

Log measurements: Gamma, ROP
Depth measured from:
Maximum temperature:

	Depth	Date
Start:	0 ft	10/19/2017
End:	14363 ft	10/25/2017

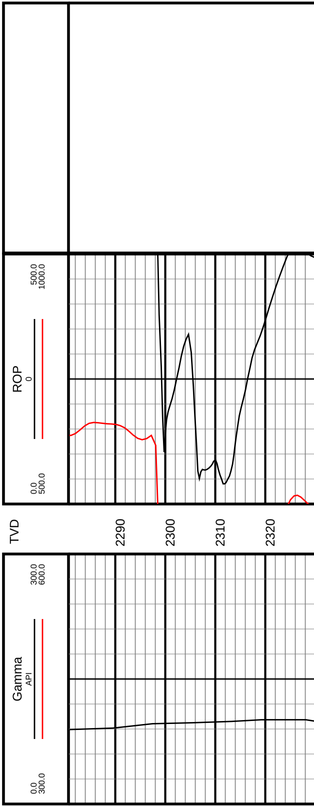
Casing	Depth	Size
Surface:	1685 ft	9 5/8"
Intermediate:		

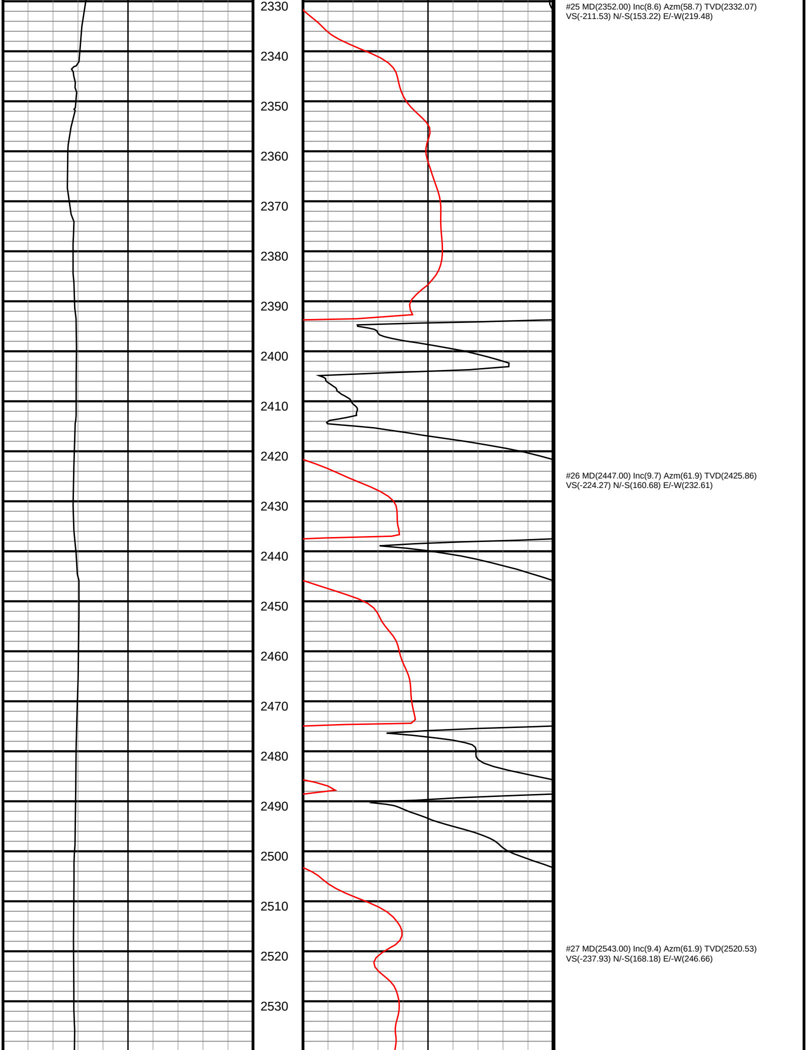
Mud Type: H2O
Density:
Viscosity:
Rm: **Rmf:** **Rmc:**

Elevations
KB: 4639 ft
GL: 4616 ft
DF: 4639 ft

		Offsets		Depths		Dates	
Run	**Bit Size**	**Gamma**	**Survey**	**Start**	**End**	**Start**	**End**
1	12.25"		60.00 ft	0 ft	1685 ft	10-19-2017	
2	8.5"	62.45 ft	57.45 ft	1685 ft			
3							
4							
5							
6							
7							
8							
9							
10							

Ensign 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.

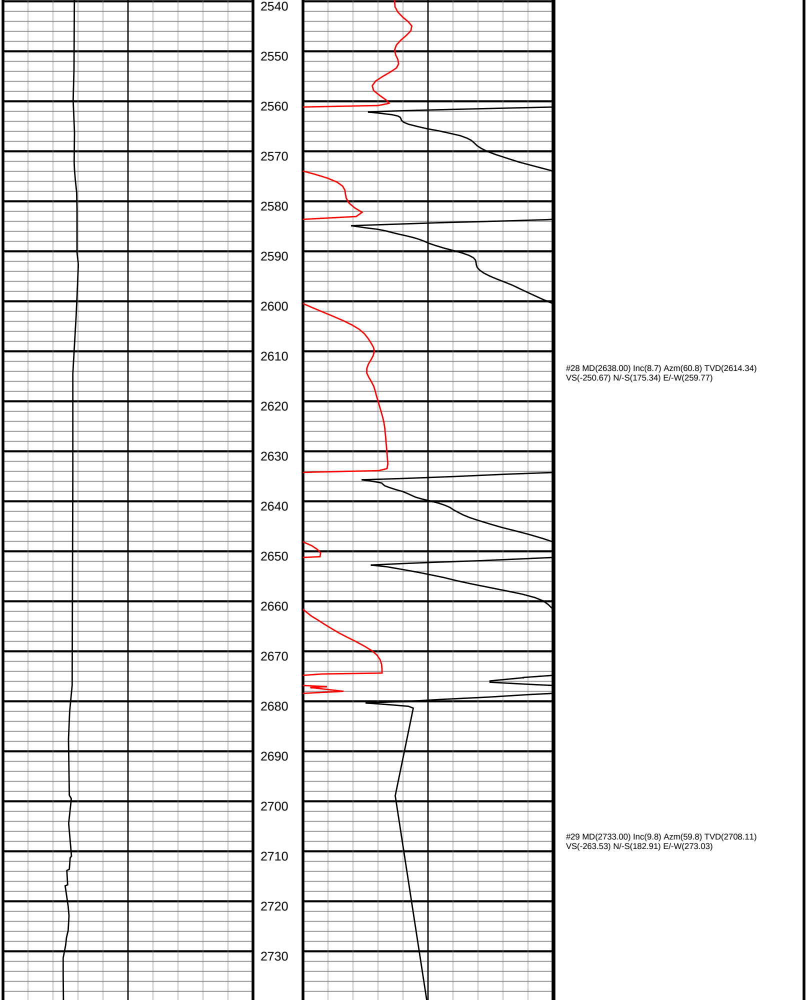




#25 MD(2352.00) Inc(8.6) Azm(58.7) TVD(2332.07)
VS(-211.53) N/-S(153.22) E/-W(219.48)

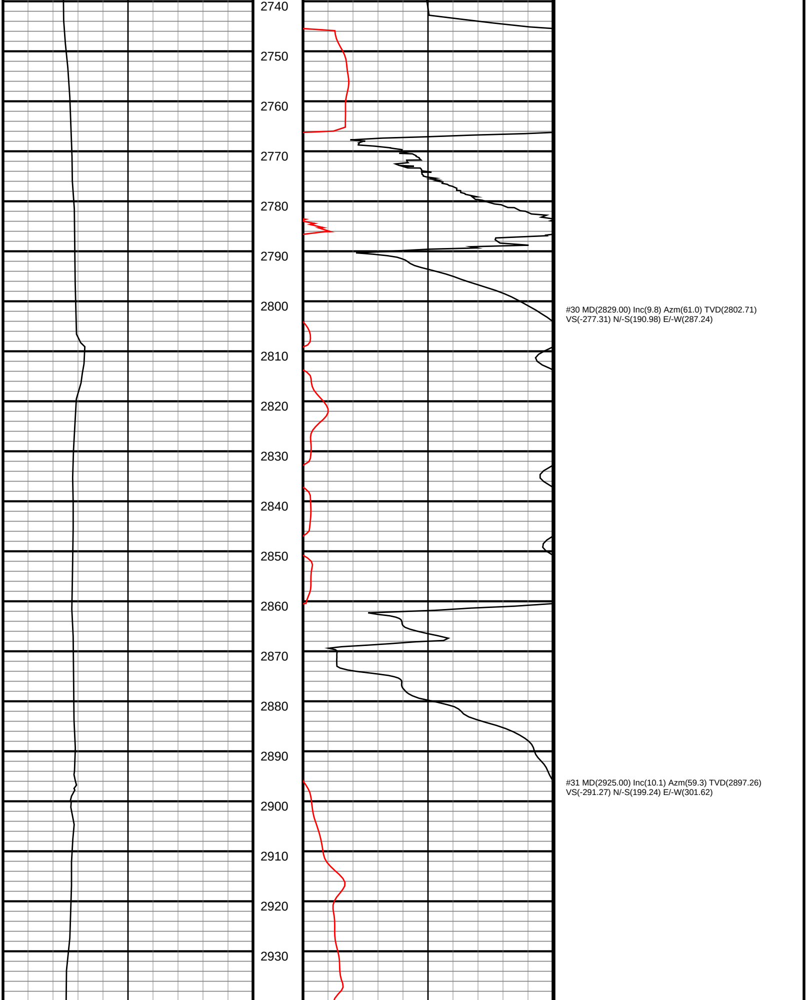
#26 MD(2447.00) Inc(9.7) Azm(61.9) TVD(2425.86)
VS(-224.27) N/-S(160.68) E/-W(232.61)

#27 MD(2543.00) Inc(9.4) Azm(61.9) TVD(2520.53)
VS(-237.93) N/-S(168.18) E/-W(246.66)



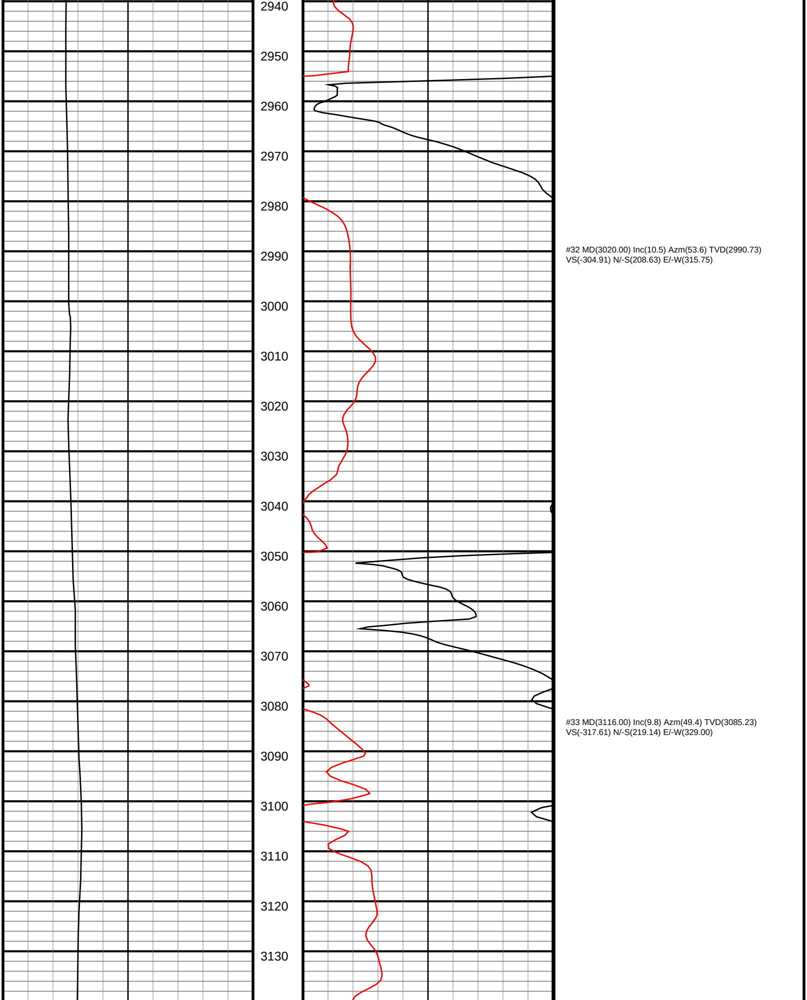
#28 MD(2638.00) Inc(8.7) Azm(60.8) TVD(2614.34)
VS(-250.67) N/-S(175.34) E/-W(259.77)

#29 MD(2733.00) Inc(9.8) Azm(59.8) TVD(2708.11)
VS(-263.53) N/-S(182.91) E/-W(273.03)



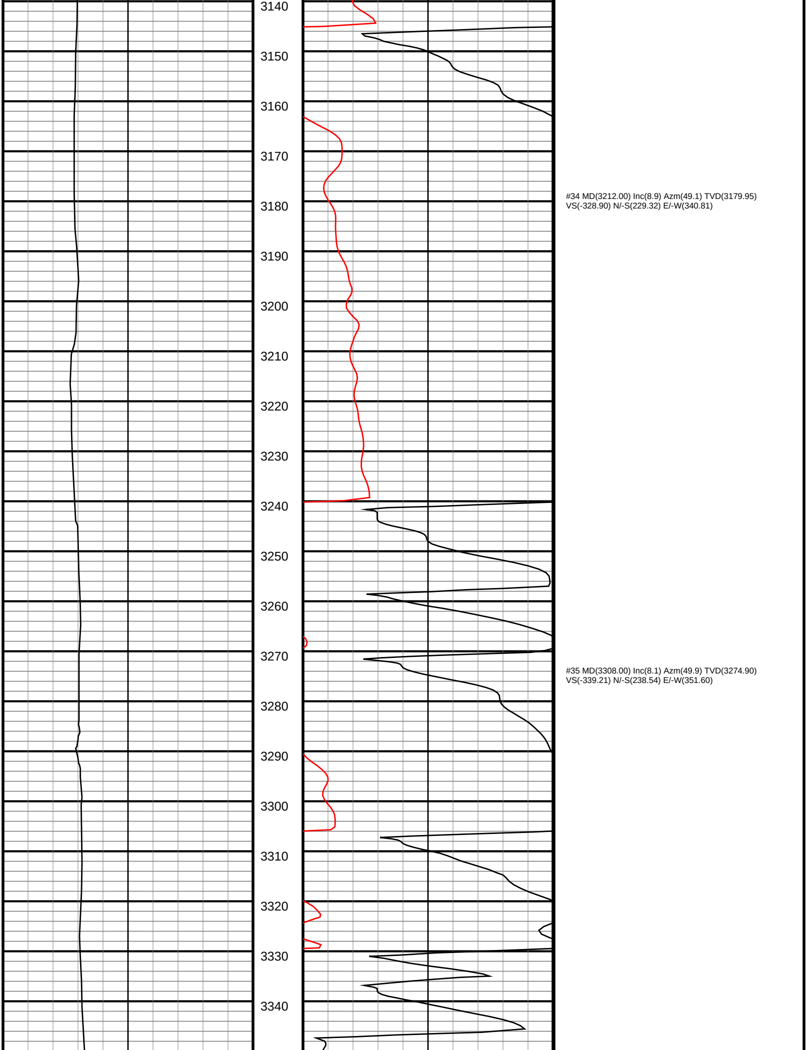
#30 MD(2829.00) Inc(9.8) Azm(61.0) TVD(2802.71)
VS(-277.31) N-S(190.98) E-W(287.24)

#31 MD(2925.00) Inc(10.1) Azm(59.3) TVD(2897.26)
VS(-291.27) N-S(199.24) E-W(301.62)



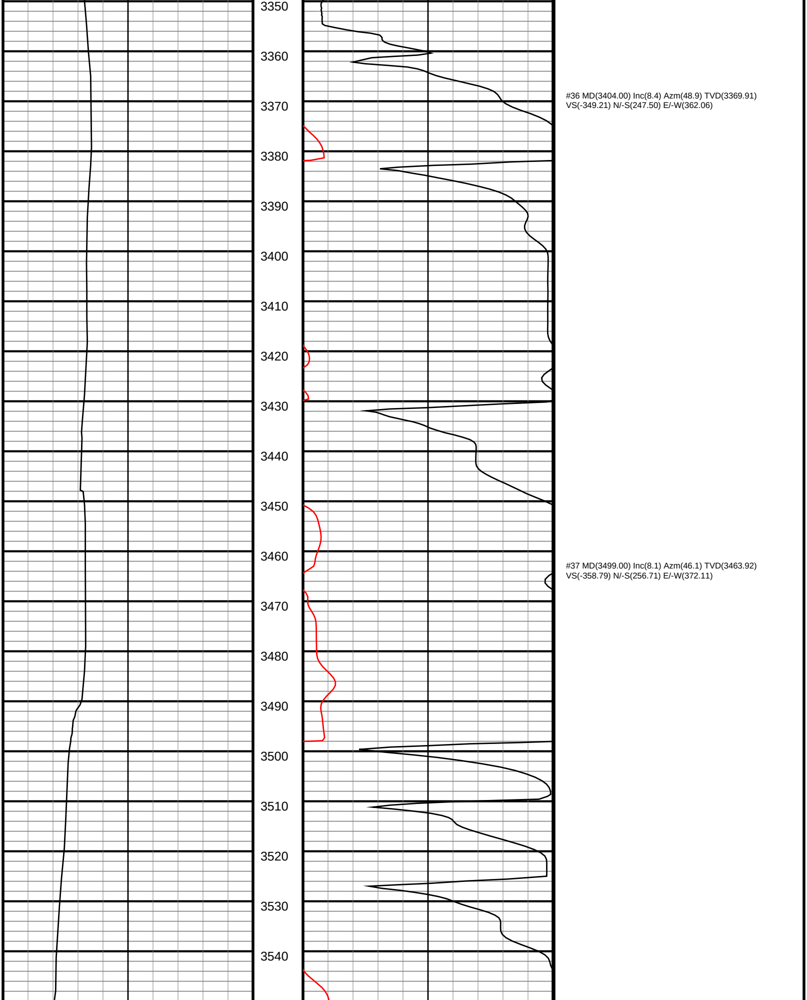
#32 MD(3020.00) Inc(10.5) Azm(53.6) TVD(2990.73)
VS(-304.91) N/-S(208.63) E/-W(315.75)

#33 MD(3116.00) Inc(9.8) Azm(49.4) TVD(3085.23)
VS(-317.61) N/-S(219.14) E/-W(329.00)



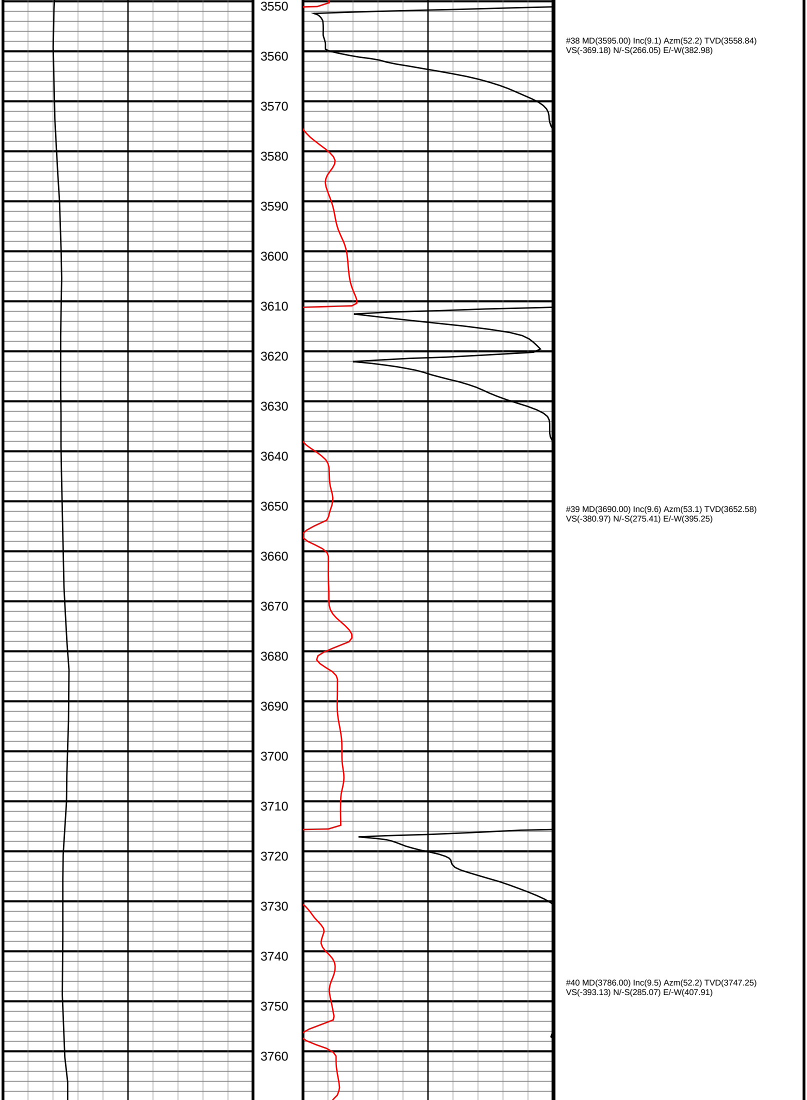
#34 MD(3212.00) Inc(8.9) Azm(49.1) TVD(3179.95)
VS(-328.90) N/-S(229.32) E/-W(340.81)

#35 MD(3308.00) Inc(8.1) Azm(49.9) TVD(3274.90)
VS(-339.21) N/-S(238.54) E/-W(351.60)



#36 MD(3404.00) Inc(8.4) Azm(48.9) TVD(3369.91)
VS(-349.21) N/-S(247.50) E/-W(362.06)

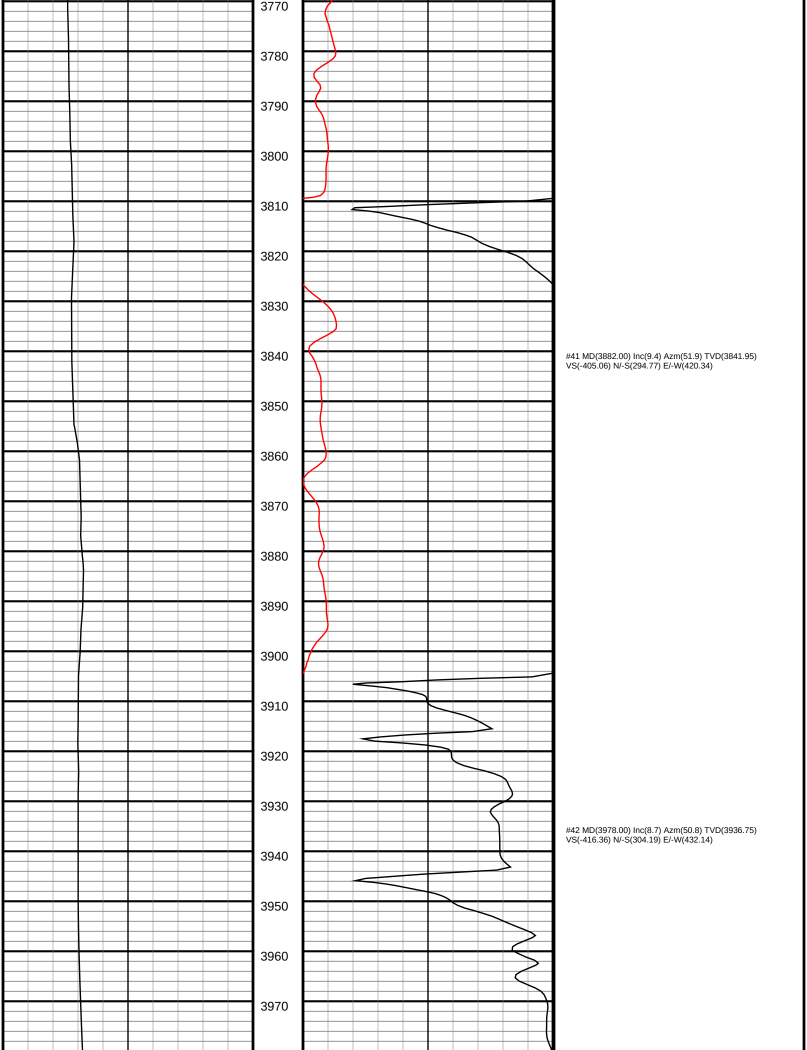
#37 MD(3499.00) Inc(8.1) Azm(46.1) TVD(3463.92)
VS(-358.79) N/-S(256.71) E/-W(372.11)



#38 MD(3595.00) Inc(9.1) Azm(52.2) TVD(3558.84)
VS(-369.18) N/-S(266.05) E/-W(382.98)

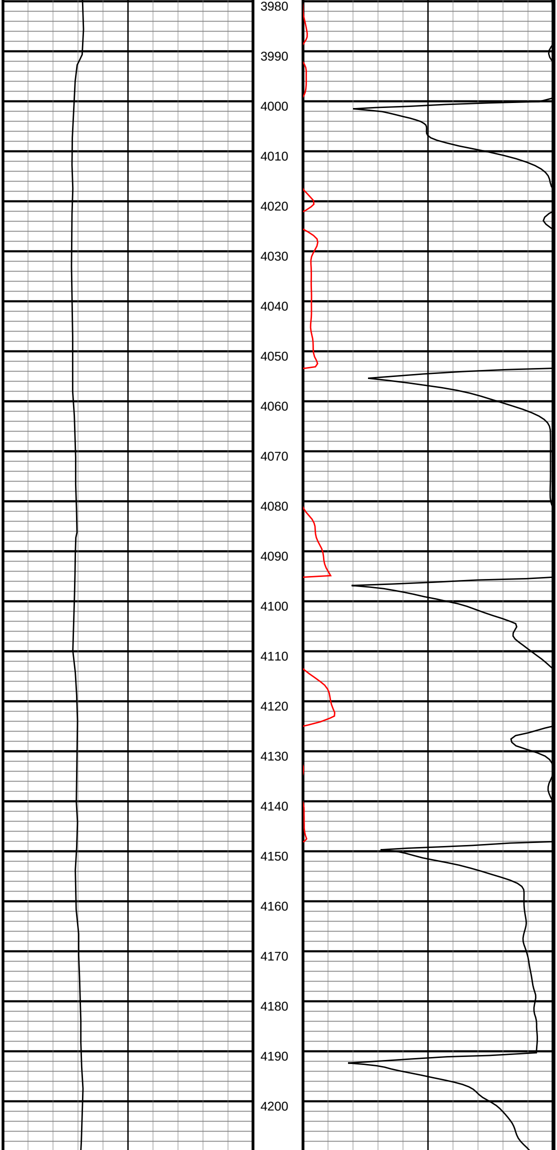
#39 MD(3690.00) Inc(9.6) Azm(53.1) TVD(3652.58)
VS(-380.97) N/-S(275.41) E/-W(395.25)

#40 MD(3786.00) Inc(9.5) Azm(52.2) TVD(3747.25)
VS(-393.13) N/-S(285.07) E/-W(407.91)



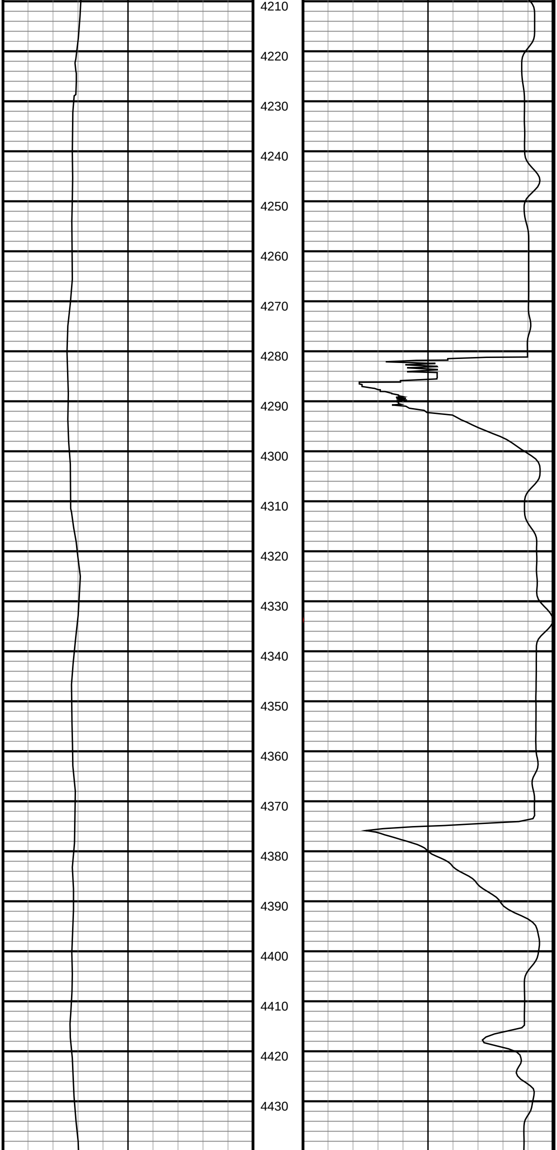
#41 MD(3882.00) Inc(9.4) Azm(51.9) TVD(3841.95)
VS(-405.06) N/-S(294.77) E/-W(420.34)

#42 MD(3978.00) Inc(8.7) Azm(50.8) TVD(3936.75)
VS(-416.36) N/-S(304.19) E/-W(432.14)



#43 MD(4074.00) Inc(8.2) Azm(50.1) TVD(4031.71)
VS(-426.78) N/-S(313.17) E/-W(443.02)

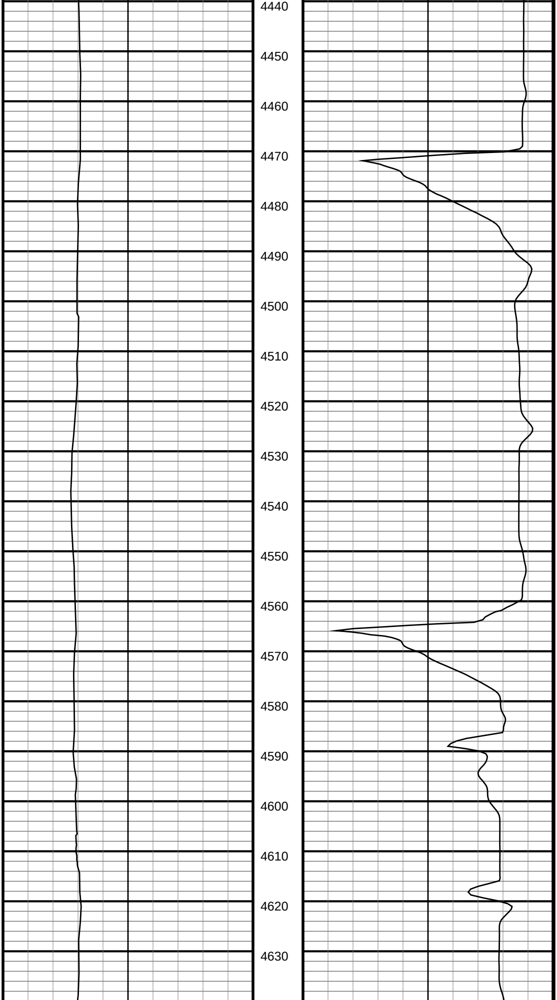
#44 MD(4169.00) Inc(7.9) Azm(50.5) TVD(4125.77)
VS(-436.58) N/-S(321.67) E/-W(453.25)



#45 MD(4265.00) Inc(7.4) Azm(48.0) TVD(4220.92)
VS(-445.83) N/-S(330.00) E/-W(462.94)

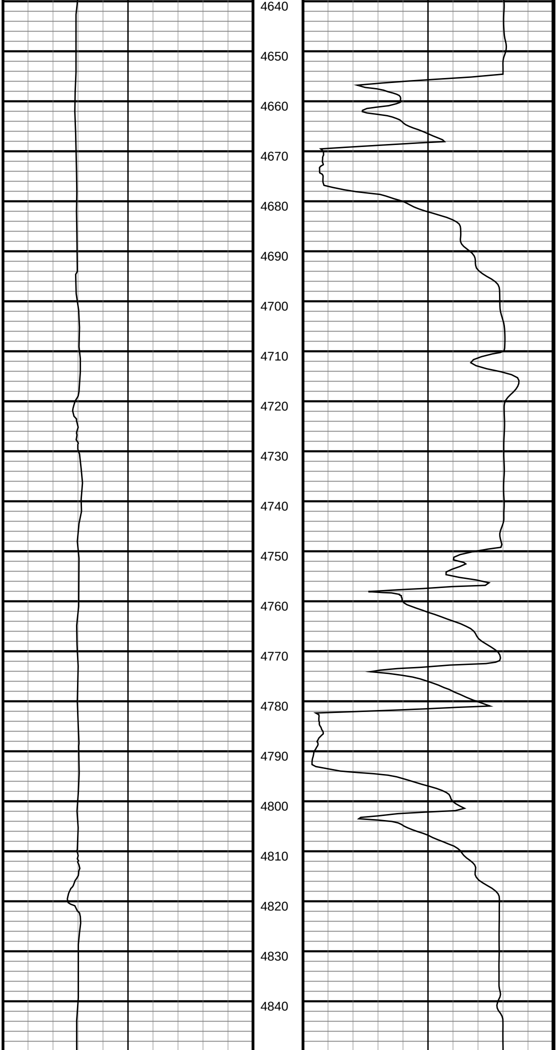
#46 MD(4361.00) Inc(7.1) Azm(47.0) TVD(4316.15)
VS(-454.34) N/-S(338.19) E/-W(471.87)

#47 MD(4457.00) Inc(6.4) Azm(47.1) TVD(4411.49)
VS(-462.21) N/-S(345.88) E/-W(480.13)



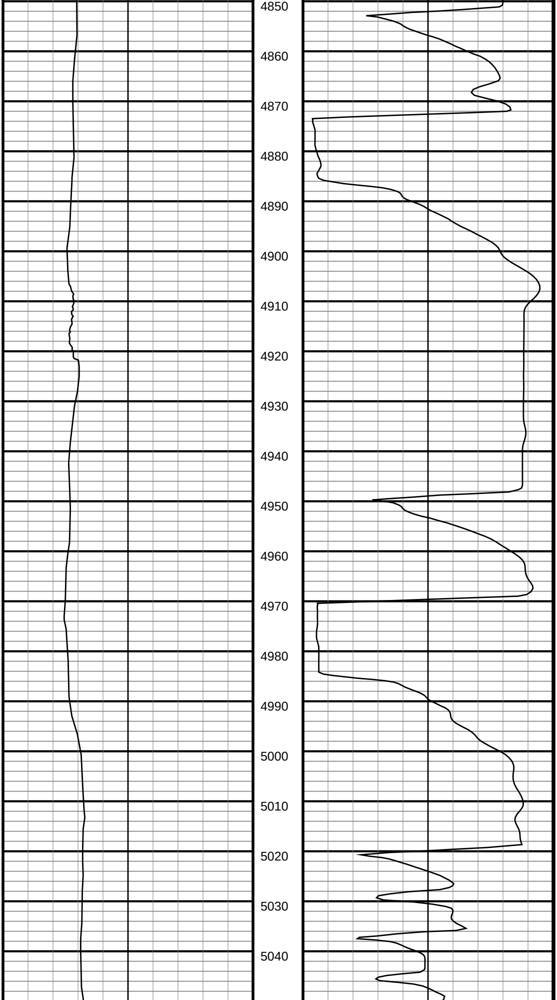
#48 MD(4553.00) Inc(6.0) Azm(49.4) TVD(4506.93)
VS(-469.58) N/-S(352.78) E/-W(487.86)

#49 MD(4648.00) Inc(5.5) Azm(51.9) TVD(4601.45)
VS(-476.62) N/-S(358.82) E/-W(495.21)



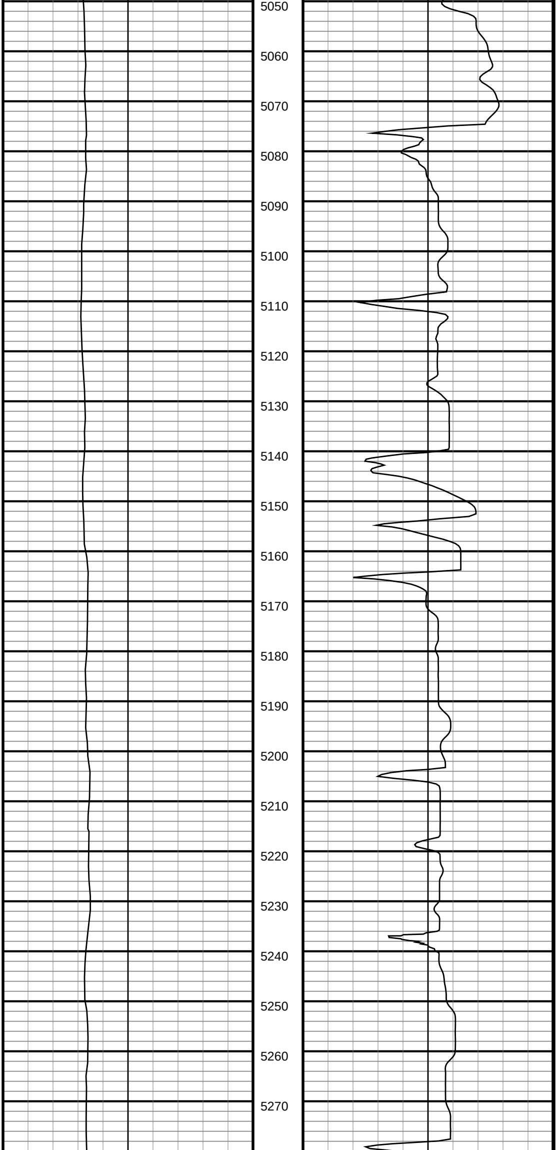
#50 MD(4744.00) Inc(4.8) Azm(51.0) TVD(4697.06)
VS(-483.09) N/-S(364.19) E/-W(501.95)

#51 MD(4840.00) Inc(3.7) Azm(41.0) TVD(4792.79)
VS(-487.99) N/-S(369.06) E/-W(507.11)



#52 MD(4936.00) Inc(2.0) Azm(11.6) TVD(4888.68)
VS(-490.16) N/-S(373.03) E/-W(509.47)

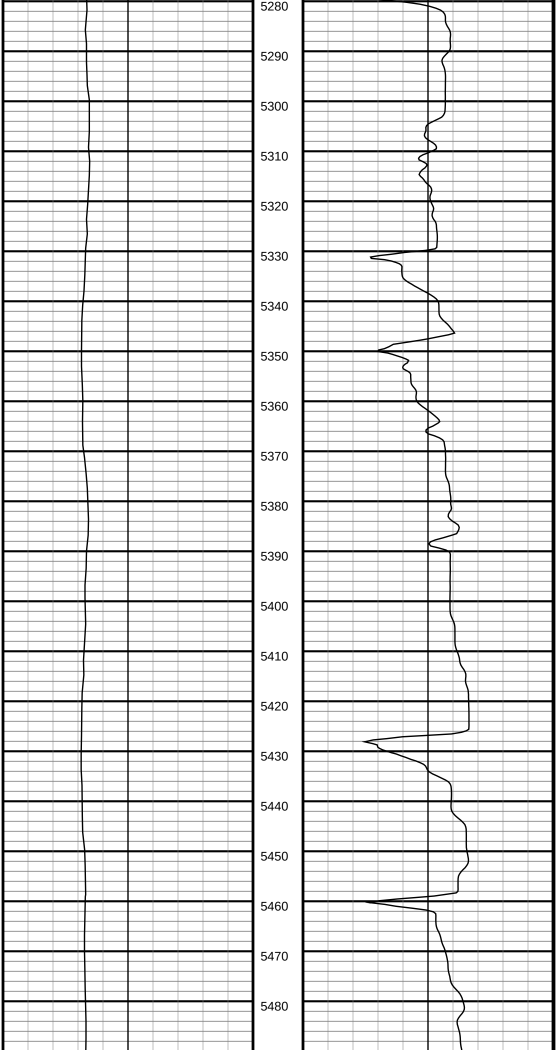
#53 MD(5032.00) Inc(0.7) Azm(266.9) TVD(4984.66)
VS(-489.83) N/-S(374.64) E/-W(509.23)



#54 MD(5127.00) Inc(1.0) Azm(260.9) TVD(5079.65)
VS(-488.44) N/-S(374.48) E/-W(507.83)

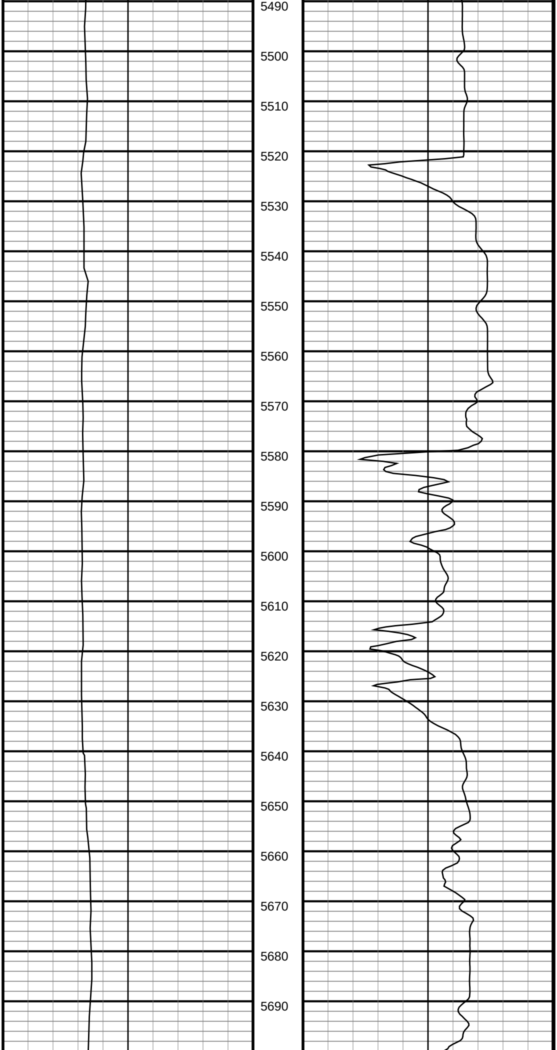
#55 MD(5223.00) Inc(1.1) Azm(259.6) TVD(5175.63)
VS(-486.72) N/-S(374.18) E/-W(506.09)

#56 MD(5319.00) Inc(1.0) Azm(262.5) TVD(5271.61)
VS(-485.00) N/-S(373.91) E/-W(504.36)



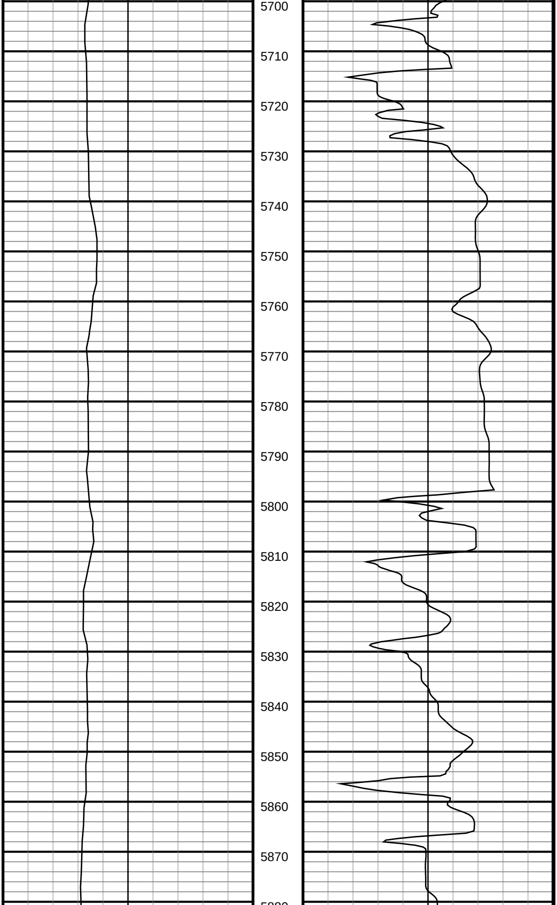
#57 MD(5415.00) Inc(0.8) Azm(262.1) TVD(5367.60)
VS(-483.52) N/-S(373.71) E/-W(502.86)

#58 MD(5511.00) Inc(1.0) Azm(260.5) TVD(5463.59)
VS(-482.04) N/-S(373.48) E/-W(501.37)



#59 MD(5607.00) Inc(0.5) Azm(273.2) TVD(5559.58)
VS(-480.81) N/-S(373.36) E/-W(500.13)

#60 MD(5702.00) Inc(0.6) Azm(291.1) TVD(5654.58)
VS(-479.92) N/-S(373.56) E/-W(499.25)



#61 MD(5798.00) Inc(0.6) Azm(271.6) TVD(5750.57)
VS(-478.94) N/-S(373.76) E/-W(498.28)

#62 MD(5894.00) Inc(0.3) Azm(261.4) TVD(5846.57)
VS(-478.19) N/-S(373.73) E/-W(497.53)

#63 MD(5989.00) Inc(1.0) Azm(161.7) TVD(5941.56)
VS(-478.25) N/-S(372.91) E/-W(497.54)

#64 MD(6085.00) Inc(1.1) Azm(231.9) TVD(6037.55)
VS(-477.85) N/-S(371.55) E/-W(497.08)

#65 MD(6181.00) Inc(8.8) Azm(297.3) TVD(6133.15)
VS(-470.46) N/-S(374.35) E/-W(489.82)

#66 MD(6277.00) Inc(15.8) Azm(300.4) TVD(6226.89)
VS(-452.16) N/-S(384.34) E/-W(472.00)

#67 MD(6372.00) Inc(23.0) Azm(295.3) TVD(6316.44)
VS(-423.50) N/-S(398.84) E/-W(444.02)

#68 MD(6493.00) Inc(34.6) Azm(273.9) TVD(6422.57)
VS(-366.96) N/-S(411.36) E/-W(388.04)

#69 MD(6589.00) Inc(47.8) Azm(273.7) TVD(6494.64)
VS(-303.87) N/-S(415.52) E/-W(325.08)

#70 MD(6685.00) Inc(50.1) Azm(271.8) TVD(6557.68)
VS(-231.49) N/-S(418.97) E/-W(252.78)

#71 MD(6781.00) Inc(58.7) Azm(267.6) TVD(6613.53)
VS(-153.66) N/-S(418.41) E/-W(174.83)

#72 MD(6876.00) Inc(62.1) Azm(266.3) TVD(6660.45)
VS(-71.51) N/-S(414.00) E/-W(92.36)

#73 MD(6972.00) Inc(70.7) Azm(266.5) TVD(6698.85)
VS(15.82) N/-S(408.49) E/-W(4.64)

#74 MD(7068.00) Inc(79.3) Azm(269.5) TVD(6723.68)
VS(108.12) N/-S(405.30) E/-W(-87.93)

#106 MD(10131.00) Inc(90.1) Azm(270.2) TVD(6734.35)
VS(3163.52) N/-S(377.34) E/-W(-3148.58)
#141 MD(13481.00) Inc(88.5) Azm(269.3) TVD(6738.48)
VS(6508.50) N/-S(372.74) E/-W(-6497.98)
#150 MD(14303.00) Inc(89.7) Azm(266.7) TVD(6743.02)
VS(7328.08) N/-S(353.07) E/-W(-7319.58)