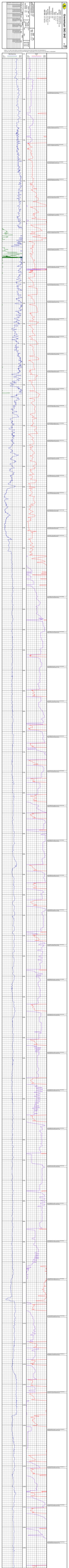

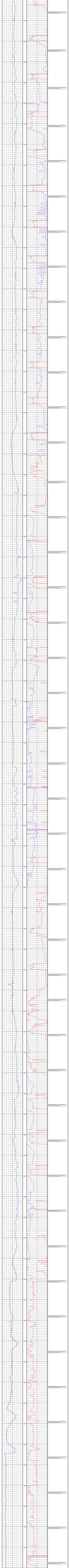

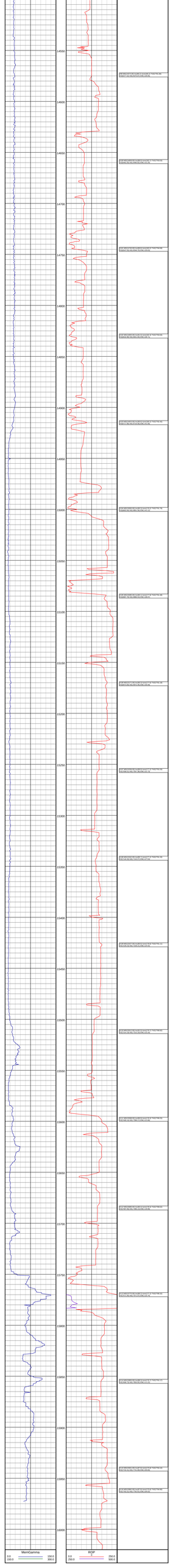

Grenemyer 36C-3HZ

MD
5":100'

Company: Integrity/Anadarko
Well Name: GRENEMYER 36C-3HZ
API: 05-123-38417-00
Rig Id: Xtreme 23
State: Colorado
County/Parish: Weld
Country: USA
Survey Company: Driltech, LLC
Job number: 2014-058-IDDT-CO
Day MWD Corey Pellerin
Night MWD Josh Jagneaux

Log measurements: 16020
Depth measured from: 7000
Maximum temperature: 242

Depth	Date
Start: 7000 ft	2-18-14
End: 16020 ft	3-3-14

Casing	Depth	Size
Surface:	1084	9 5/8
Intermediate:	8209	7

Mud Type: Oilbase
Density: 9.3
Viscosity: 68
Rm:
Rmf:
Rmc:

Elevations
KB: 5068
GL: 5052
DF: 5068

Run	Bit Size	Offsets Gamma	Offsets Survey	Depths Start	Depths End	Dates Start	Dates End
1	8 3/4	36.00	45.00	1104	7525	2/17/14	2/19/14
2	8 3/4	36.00	45.00	7525	8218	2/20/14	2/21/14
3	6 1/8	45.00	54.00	8218	11830	2/23/14	2/25/14
4	6 1/8	45.00	54.00	11830	13163	2/25/14	2/27/14
5	6 1/8	48.00	56.00	13163	14924	2/27/14	3/2/14
6	6 1/8	47.00	56.00	14924	16020	3/2/14	3/3/14
7							
8							
9							
10							

Driltech, LLC 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.

#1 MD(7085.00) Inc(1.9) Azm(231.5) TVD(7018.10) VS(-639.92) NS(642.52) EW(-189.53)

#2 MD(7170.00) Inc(1.4) Azm(228.9) TVD(7103.07) VS(-638.33) NS(640.96) EW(-191.41)

#3 MD(7213.00) Inc(2.3) Azm(184.3) TVD(7146.05) VS(-637.12) NS(639.76) EW(-191.87)

#4 MD(7256.00) Inc(6.9) Azm(178.1) TVD(7188.90) VS(-633.68) NS(636.31) EW(-191.85)

#5 MD(7298.00) Inc(14.4) Azm(180.7) TVD(7230.14) VS(-625.92) NS(628.56) EW(-191.83)

#6 MD(7341.00) Inc(19.0) Azm(188.8) TVD(7271.33) VS(-613.64) NS(616.29) EW(-192.97)

#7 MD(7384.00) Inc(22.7) Azm(188.3) TVD(7311.50) VS(-598.48) NS(601.15) EW(-195.24)

#8 MD(7427.00) Inc(24.8) Azm(189.5) TVD(7350.86) VS(-581.33) NS(584.05) EW(-197.92)

#9 MD(7469.00) Inc(27.8) Azm(188.0) TVD(7388.51) VS(-562.91) NS(565.66) EW(-200.74)

#10 MD(7512.00) Inc(32.7) Azm(178.8) TVD(7425.66) VS(-541.33) NS(544.09) EW(-201.90)

#11 MD(7555.00) Inc(34.5) Azm(173.7) TVD(7461.48) VS(-517.63) NS(520.36) EW(-200.32)

#12 MD(7597.00) Inc(36.4) Azm(172.5) TVD(7495.70) VS(-493.49) NS(496.18) EW(-197.38)

#13 MD(7640.00) Inc(38.7) Azm(172.5) TVD(7529.78) VS(-467.55) NS(470.20) EW(-193.96)

#14 MD(7683.00) Inc(41.7) Azm(173.9) TVD(7562.63) VS(-440.05) NS(442.65) EW(-190.69)

#15 MD(7725.00) Inc(45.2) Azm(174.6) TVD(7593.11) VS(-411.35) NS(413.91) EW(-187.80)

#16 MD(7768.00) Inc(48.6) Azm(178.6) TVD(7622.49) VS(-380.05) NS(382.59) EW(-185.97)

#17 MD(7811.00) Inc(51.7) Azm(179.7) TVD(7650.04) VS(-347.06) NS(349.58) EW(-185.49)

#18 MD(7853.00) Inc(55.1) Azm(177.6) TVD(7675.08) VS(-313.37) NS(315.88) EW(-184.68)

#19 MD(7896.00) Inc(58.8) Azm(177.4) TVD(7698.53) VS(-277.39) NS(279.88) EW(-183.11)

#20 MD(7938.00) Inc(62.5) Azm(178.1) TVD(7719.11) VS(-240.84) NS(243.31) EW(-181.67)

#21 MD(7981.00) Inc(67.7) Azm(180.0) TVD(7737.21) VS(-201.87) NS(204.32) EW(-181.04)

#22 MD(8024.00) Inc(71.1) Azm(180.0) TVD(7752.34) VS(-161.63) NS(164.08) EW(-181.04)

#23 MD(8066.00) Inc(75.5) Azm(180.4) TVD(7764.41) VS(-121.42) NS(123.86) EW(-181.18)

#24 MD(8109.00) Inc(79.0) Azm(181.5) TVD(7773.90) VS(-79.48) NS(81.93) EW(-181.88)

#25 MD(8152.00) Inc(83.8) Azm(182.9) TVD(7780.32) VS(-36.99) NS(39.46) EW(-183.52)

#26 MD(8171.00) Inc(85.0) Azm(182.5) TVD(7782.18) VS(-18.10) NS(20.58) EW(-184.41)

#27 MD(8321.00) Inc(89.9) Azm(177.6) TVD(7788.85) VS(131.65) NS(-129.18) EW(-184.52)

#28 MD(8407.00) Inc(90.8) Azm(178.3) TVD(7788.33) VS(217.55) NS(-215.13) EW(-181.45)

#29 MD(8492.00) Inc(91.1) Azm(176.4) TVD(7786.92) VS(302.38) NS(-300.02) EW(-177.52)

#30 MD(8577.00) Inc(89.2) Azm(174.6) TVD(7786.70) VS(387.21) NS(-384.75) EW(-170.85)

#31 MD(8663.00) Inc(90.3) Azm(173.9) TVD(7787.07) VS(472.45) NS(-470.31) EW(-162.23)

#32 MD(8748.00) Inc(89.9) Azm(176.9) TVD(7786.92) VS(557.07) NS(-555.03) EW(-155.42)

#33 MD(8833.00) Inc(89.6) Azm(179.2) TVD(7787.29) VS(641.97) NS(-639.98) EW(-152.53)

#34 MD(8918.00) Inc(89.4) Azm(178.1) TVD(7788.04) VS(726.90) NS(-724.95) EW(-150.52)

#35 MD(9004.00) Inc(89.2) Azm(179.5) TVD(7789.09) VS(812.85) NS(-810.92) EW(-148.72)

#36 MD(9089.00) Inc(89.4) Azm(182.2) TVD(7790.13) VS(897.83) NS(-895.90) EW(-149.98)

#37 MD(9174.00) Inc(90.0) Azm(184.1) TVD(7790.13) VS(982.75) NS(-980.76) EW(-154.65)

#38 MD(9259.00) Inc(91.1) Azm(182.3) TVD(7788.86) VS(1067.66) NS(-1065.62) EW(-159.40)

#39 MD(9345.00) Inc(91.0) Azm(183.0) TVD(7787.29) VS(1153.60) NS(-1151.51) EW(-163.37)

#40 MD(9438.00) Inc(90.3) Azm(182.2) TVD(7786.23) VS(1246.55) NS(-1244.41) EW(-167.59)

#41 MD(9530.00) Inc(90.4) Azm(183.2) TVD(7785.67) VS(1338.49) NS(-1336.30) EW(-171.93)

#42 MD(9624.00) Inc(89.0) Azm(183.7) TVD(7786.16) VS(1432.38) NS(-1430.13) EW(-177.58)

#43 MD(9716.00) Inc(89.4) Azm(181.8) TVD(7787.45) VS(1524.32) NS(-1522.01) EW(-182.00)

#44 MD(9808.00) Inc(89.7) Azm(181.5) TVD(7788.17) VS(1616.30) NS(-1613.97) EW(-184.64)

#45 MD(9900.00) Inc(90.1) Azm(180.4) TVD(7788.33) VS(1708.30) NS(-1705.95) EW(-186.17)

#46 MD(9993.00) Inc(88.3) Azm(177.1) TVD(7789.63) VS(1801.22) NS(-1798.90) EW(-184.14)

#47 MD(10084.00) Inc(85.5) Azm(173.7) TVD(7794.55) VS(1891.66) NS(-1889.46) EW(-176.86)

#48 MD(10177.00) Inc(86.4) Azm(175.6) TVD(7801.12) VS(1983.90) NS(-1981.82) EW(-168.21)

#49 MD(10270.00) Inc(89.2) Azm(176.0) TVD(7804.69) VS(2076.47) NS(-2074.49) EW(-161.41)

#50 MD(10362.00) Inc(91.7) Azm(175.8) TVD(7803.97) VS(2168.13) NS(-2166.24) EW(-154.83)

#51 MD(10454.00) Inc(91.1) Azm(176.7) TVD(7801.72) VS(2259.81) NS(-2258.02) EW(-148.81)

#52 MD(10547.00) Inc(91.1) Azm(180.0) TVD(7799.93) VS(2352.70) NS(-2350.95) EW(-146.14)

#53 MD(10638.00) Inc(91.8) Azm(182.0) TVD(7797.63) VS(2443.66) NS(-2441.90) EW(-147.72)

#54 MD(10731.00) Inc(90.6) Azm(179.5) TVD(7795.68)
VS(2536.63) NS(-2534.86) EW(-148.94)

#55 MD(10823.00) Inc(89.4) Azm(178.8) TVD(7795.68)
VS(2628.60) NS(-2626.85) EW(-147.58)

#56 MD(10914.00) Inc(89.6) Azm(179.3) TVD(7796.48)
VS(2719.55) NS(-2717.83) EW(-146.07)

#57 MD(11006.00) Inc(89.0) Azm(178.6) TVD(7797.60)
VS(2811.50) NS(-2809.81) EW(-144.38)

#58 MD(11091.00) Inc(88.2) Azm(179.5) TVD(7799.68)
VS(2896.43) NS(-2894.77) EW(-142.97)

#59 MD(11177.00) Inc(88.7) Azm(178.8) TVD(7802.00)
VS(2982.36) NS(-2980.73) EW(-141.70)

#60 MD(11262.00) Inc(87.6) Azm(179.3) TVD(7804.75)
VS(3067.28) NS(-3065.67) EW(-140.29)

#61 MD(11347.00) Inc(88.3) Azm(179.7) TVD(7807.79)
VS(3152.20) NS(-3150.61) EW(-139.55)

#62 MD(11432.00) Inc(89.2) Azm(179.5) TVD(7809.64)
VS(3237.17) NS(-3235.59) EW(-138.95)

#63 MD(11518.00) Inc(90.3) Azm(180.0) TVD(7810.02)
VS(3323.15) NS(-3321.59) EW(-138.58)

#64 MD(11603.00) Inc(90.6) Azm(179.2) TVD(7809.35)
VS(3408.13) NS(-3406.58) EW(-137.99)

#65 MD(11688.00) Inc(92.0) Azm(178.8) TVD(7807.42)
VS(3493.06) NS(-3491.54) EW(-136.50)

#66 MD(11773.00) Inc(91.1) Azm(179.3) TVD(7805.12)
VS(3577.99) NS(-3576.50) EW(-135.09)

#67 MD(11869.00) Inc(87.8) Azm(179.9) TVD(7806.05)
VS(3673.96) NS(-3672.48) EW(-134.42)

#68 MD(11954.00) Inc(89.0) Azm(180.2) TVD(7808.42)
VS(3758.91) NS(-3757.45) EW(-134.50)

#69 MD(12039.00) Inc(90.3) Azm(178.6) TVD(7808.94)
VS(3843.88) NS(-3842.43) EW(-133.61)

#70 MD(12124.00) Inc(90.6) Azm(180.7) TVD(7808.27)
VS(3928.86) NS(-3927.43) EW(-133.09)

#71 MD(12210.00) Inc(90.3) Azm(181.8) TVD(7807.59)
VS(4014.85) NS(-4013.40) EW(-134.97)

#72 MD(12295.00) Inc(89.6) Azm(182.3) TVD(7807.67)
VS(4099.83) NS(-4098.35) EW(-138.01)

#73 MD(12380.00) Inc(89.6) Azm(180.9) TVD(7808.26)
VS(4184.82) NS(-4183.31) EW(-140.38)

#74 MD(12465.00) Inc(89.9) Azm(182.2) TVD(7808.63)
VS(4269.81) NS(-4268.27) EW(-142.68)

#75 MD(12551.00) Inc(88.9) Azm(180.2) TVD(7809.53)
VS(4355.79) NS(-4354.25) EW(-144.48)

#76 MD(12636.00) Inc(90.1) Azm(181.3) TVD(7810.28)
VS(4440.79) NS(-4439.23) EW(-145.59)

#77 MD(12721.00) Inc(89.4) Azm(180.2) TVD(7810.65)
VS(4525.79) NS(-4524.22) EW(-146.70)

#78 MD(12807.00) Inc(90.1) Azm(178.8) TVD(7811.02)
VS(4611.76) NS(-4610.22) EW(-145.95)

#79 MD(12892.00) Inc(90.6) Azm(176.2) TVD(7810.50)
VS(4696.61) NS(-4695.13) EW(-142.25)

#80 MD(12978.00) Inc(89.4) Azm(176.2) TVD(7810.50)
VS(4782.34) NS(-4780.94) EW(-136.55)

#81 MD(13063.00) Inc(90.8) Azm(176.5) TVD(7810.35)
VS(4867.08) NS(-4865.76) EW(-131.14)

#82 MD(13124.00) Inc(90.3) Azm(176.9) TVD(7809.77)
VS(4927.93) NS(-4926.66) EW(-127.62)

#83 MD(13209.00) Inc(91.7) Azm(178.6) TVD(7808.29)
VS(5012.79) NS(-5011.57) EW(-124.29)

#84 MD(13294.00) Inc(90.6) Azm(178.6) TVD(7806.58)
VS(5097.71) NS(-5096.53) EW(-122.21)

#85 MD(13379.00) Inc(89.0) Azm(178.6) TVD(7806.88)
VS(5182.65) NS(-5181.50) EW(-120.14)

#86 MD(13465.00) Inc(88.3) Azm(179.2) TVD(7808.90)
VS(5268.58) NS(-5267.46) EW(-118.48)

#87 MD(13550.00) Inc(89.7) Azm(179.9) TVD(7810.39)
VS(5353.54) NS(-5352.44) EW(-117.82)

#88 MD(13635.00) Inc(90.1) Azm(179.5) TVD(7810.53)
VS(5438.53) NS(-5437.44) EW(-117.37)

#89 MD(13721.00) Inc(90.3) Azm(180.0) TVD(7810.23)
VS(5524.51) NS(-5523.44) EW(-117.00)

#90 MD(13806.00) Inc(93.4) Azm(180.7) TVD(7807.49)
VS(5609.45) NS(-5608.38) EW(-117.52)

#91 MD(13891.00) Inc(93.1) Azm(181.6) TVD(7802.67)
VS(5694.31) NS(-5693.23) EW(-119.22)

#92 MD(13977.00) Inc(91.1) Azm(182.5) TVD(7799.52)
VS(5780.23) NS(-5779.11) EW(-122.29)

#93 MD(14062.00) Inc(89.4) Azm(181.6) TVD(7799.15)
VS(5865.20) NS(-5864.05) EW(-125.33)

#94 MD(14147.00) Inc(89.9) Azm(181.1) TVD(7799.67)
VS(5950.20) NS(-5949.02) EW(-127.34)

#95 MD(14233.00) Inc(92.4) Azm(181.5) TVD(7797.94)
VS(6036.17) NS(-6034.98) EW(-129.29)

#96 MD(14318.00) Inc(91.0) Azm(180.0) TVD(7795.42)
VS(6121.13) NS(-6119.93) EW(-130.40)

#97 MD(14403.00) Inc(92.0) Azm(180.0) TVD(7793.20)
VS(6206.09) NS(-6204.90) EW(-130.40)

#98 MD(14489.00) Inc(90.4) Azm(179.0) TVD(7791.39)
VS(6292.05) NS(-6290.87) EW(-129.65)

#99 MD(14574.00) Inc(89.2) Azm(180.2) TVD(7791.69)
VS(6377.02) NS(-6375.87) EW(-129.05)

#100 MD(14659.00) Inc(89.0) Azm(182.7) TVD(7793.03)
VS(6462.00) NS(-6460.82) EW(-131.20)

#101 MD(14745.00) Inc(89.6) Azm(183.2) TVD(7794.08)
VS(6547.93) NS(-6546.70) EW(-135.63)

#102 MD(14830.00) Inc(91.0) Azm(182.3) TVD(7793.63)
VS(6632.88) NS(-6631.60) EW(-139.71)

#103 MD(14915.00) Inc(90.6) Azm(180.2) TVD(7792.45)
VS(6717.86) NS(-6716.56) EW(-141.56)

#104 MD(15000.00) Inc(90.3) Azm(179.2) TVD(7791.78)
VS(6802.84) NS(-6801.56) EW(-141.12)

#105 MD(15085.00) Inc(90.1) Azm(177.9) TVD(7791.48)
VS(6887.78) NS(-6886.53) EW(-138.97)

#106 MD(15171.00) Inc(90.3) Azm(177.6) TVD(7791.18)
VS(6973.66) NS(-6972.46) EW(-135.59)

#107 MD(15256.00) Inc(89.9) Azm(177.2) TVD(7791.03)
VS(7058.51) NS(-7057.38) EW(-131.73)

#108 MD(15342.00) Inc(89.7) Azm(177.2) TVD(7791.33)
VS(7144.34) NS(-7143.27) EW(-127.53)

#109 MD(15427.00) Inc(90.6) Azm(178.6) TVD(7791.11)
VS(7229.23) NS(-7228.21) EW(-124.42)

#110 MD(15512.00) Inc(91.0) Azm(179.7) TVD(7789.92)
VS(7314.19) NS(-7313.19) EW(-123.16)

#111 MD(15598.00) Inc(89.9) Azm(178.3) TVD(7789.25)
VS(7400.14) NS(-7399.17) EW(-121.66)

#112 MD(15685.00) Inc(90.4) Azm(178.3) TVD(7789.02)
VS(7487.06) NS(-7486.13) EW(-119.08)

#113 MD(15770.00) Inc(89.2) Azm(177.2) TVD(7789.32)
VS(7571.94) NS(-7571.07) EW(-115.74)

#114 MD(15855.00) Inc(88.3) Azm(176.7) TVD(7791.17)
VS(7656.73) NS(-7655.92) EW(-111.22)

#115 MD(15941.00) Inc(87.8) Azm(175.8) TVD(7794.10)
VS(7742.41) NS(-7741.69) EW(-105.60)

#116 MD(15962.00) Inc(87.8) Azm(175.6) TVD(7794.90)
VS(7763.31) NS(-7762.61) EW(-104.02)