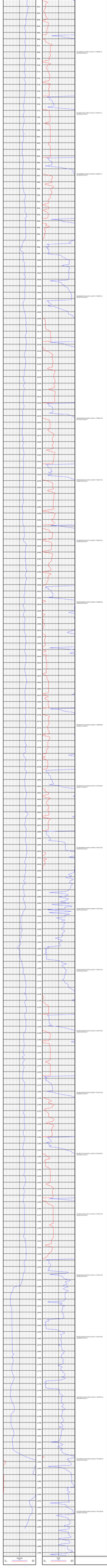

MLD #3

MD
5":100'

Company: Extraction Oil & Gas
Well Name: MLD #3
API:
County/Parish: Larimer
State: Colorado
Country: USA
Job number: CO17247EX
Field: DJ Basin
Rig Id: Patterson 346
Survey Company: IntegrityDirectional Services

Log measurements:
Depth measured from:
Maximum temperature:

Depth
Start: 1531 ft
End: 11985 ft

Date
08/27/2017
08/30/2017

Casing	**Depth**	**Size**
Surface:		
Intermediate:		

Mud Type: Oil Base
Density: 9.1
Viscosity: 35
Rm: **Rmf:** **Rmc:**

Elevations
KB: 4902 ft
GL:
DF:

Run	**Bit Size**	**Offsets**		**Depths**		**Dates**	
		Gamma	**Survey**	**Start**	**End**	**Start**	**End**
1	8.5"	41.00 ft	67.00 ft	1531 ft	7224 ft	08/27/2017	08/28/2017
2	8.5"	38.00 ft	64.00 ft	7224 ft	7390 ft	08/28/2017	08/28/2017
3	8.5"	41.00 ft	67.00 ft	7390 ft	7465 ft	08/29/2017	08/29/2017
4	8.5"	41.00 ft	67.00 ft	7465 ft	11995 ft	08/29/2017	08/30/2017
5							
6							
7							
8							
9							
10							

IntegrityDirectional 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.

#44 MD(6012.00) Inc(5.7) Azm(224.7) TVD(5495.54) VS(-181.91) DLS(2.0)

#45 MD(6105.00) Inc(4.3) Azm(227.2) TVD(5588.18) VS(-185.22) DLS(1.5)

#46 MD(6199.00) Inc(2.3) Azm(234.9) TVD(5682.02) VS(-187.78) DLS(2.2)

#47 MD(6293.00) Inc(1.7) Azm(278.9) TVD(5775.97) VS(-190.16) DLS(1.7)

#48 MD(6387.00) Inc(1.2) Azm(336.7) TVD(5869.95) VS(-192.19) DLS(1.5)

#49 MD(6480.00) Inc(1.2) Azm(0.2) TVD(5962.93) VS(-193.22) DLS(0.5)

#50 MD(6574.00) Inc(3.7) Azm(328.2) TVD(6056.84) VS(-196.02) DLS(3.0)

#51 MD(6668.00) Inc(2.1) Azm(347.5) TVD(6150.71) VS(-199.44) DLS(2.0)

#52 MD(6762.00) Inc(6.3) Azm(96.4) TVD(6244.52) VS(-195.42) DLS(7.8)

#53 MD(6855.00) Inc(14.3) Azm(89.7) TVD(6335.95) VS(-179.78) DLS(8.7)

#54 MD(6949.00) Inc(22.7) Azm(83.3) TVD(6425.01) VS(-152.98) DLS(9.2)

#55 MD(7044.00) Inc(30.7) Azm(88.0) TVD(6509.81) VS(-114.54) DLS(8.7)

#56 MD(7138.00) Inc(39.8) Azm(90.8) TVD(6586.49) VS(-64.31) DLS(9.8)

#57 MD(7232.00) Inc(49.3) Azm(89.0) TVD(6653.39) VS(-3.14) DLS(10.2)

#58 MD(7326.00) Inc(64.3) Azm(90.8) TVD(6704.70) VS(69.77) DLS(16.0)

#59 MD(7419.00) Inc(73.3) Azm(90.8) TVD(6738.29) VS(150.74) DLS(9.7)

#60 MD(7513.00) Inc(74.3) Azm(89.9) TVD(6764.53) VS(234.85) DLS(1.4)

#61 MD(7608.00) Inc(78.2) Azm(89.6) TVD(6787.10) VS(320.48) DLS(4.2)

#62 MD(7702.00) Inc(79.2) Azm(89.3) TVD(6805.51) VS(405.84) DLS(1.1)

#63 MD(7796.00) Inc(82.7) Azm(90.3) TVD(6820.32) VS(492.01) DLS(3.9)

#64 MD(7891.00) Inc(83.6) Azm(89.7) TVD(6831.66) VS(579.69) DLS(1.2)

#65 MD(7985.00) Inc(84.3) Azm(89.7) TVD(6841.55) VS(666.41) DLS(0.7)

#66 MD(8079.00) Inc(85.6) Azm(89.8) TVD(6849.82) VS(753.31) DLS(1.4)

#67 MD(8173.00) Inc(87.0) Azm(90.4) TVD(6855.89) VS(840.58) DLS(1.6)

#68 MD(8267.00) Inc(84.5) Azm(88.5) TVD(6862.86) VS(927.38) DLS(3.4)

#69 MD(8360.00) Inc(85.1) Azm(89.0) TVD(6871.29) VS(1012.71) DLS(0.8)

#70 MD(8455.00) Inc(86.2) Azm(89.8) TVD(6878.47) VS(1100.41) DLS(1.5)

#71 MD(8549.00) Inc(87.1) Azm(90.5) TVD(6883.96) VS(1187.75) DLS(1.2)

#72 MD(8643.00) Inc(88.0) Azm(91.3) TVD(6887.99) VS(1275.61) DLS(1.3)

#73 MD(8832.00) Inc(88.2) Azm(89.4) TVD(6894.29) VS(1451.66) DLS(1.0)

#74 MD(8927.00) Inc(87.2) Azm(89.6) TVD(6898.11) VS(1539.60) DLS(1.1)

#75 MD(9021.00) Inc(87.9) Azm(89.9) TVD(6902.15) VS(1626.76) DLS(0.8)

#76 MD(9115.00) Inc(85.8) Azm(90.3) TVD(6907.31) VS(1714.08) DLS(2.2)

#77 MD(9209.00) Inc(86.5) Azm(90.2) TVD(6913.62) VS(1801.43) DLS(0.7)

#78 MD(9398.00) Inc(85.6) Azm(88.5) TVD(6926.69) VS(1975.92) DLS(1.0)

#79 MD(9492.00) Inc(86.9) Azm(88.6) TVD(6932.83) VS(2062.21) DLS(1.4)

#80 MD(9586.00) Inc(88.1) Azm(87.6) TVD(6936.90) VS(2148.32) DLS(1.6)

#81 MD(9681.00) Inc(89.2) Azm(87.2) TVD(6939.12)
VS(2234.95) DLS(1.2)

#82 MD(9775.00) Inc(88.0) Azm(87.5) TVD(6941.41)
VS(2320.62) DLS(1.3)

#83 MD(9869.00) Inc(88.3) Azm(89.3) TVD(6944.47)
VS(2406.95) DLS(2.0)

#84 MD(10057.00) Inc(86.1) Azm(87.3) TVD(6953.71)
VS(2579.37) DLS(1.6)

#85 MD(10245.00) Inc(85.6) Azm(87.1) TVD(6967.36)
VS(2750.10) DLS(0.3)

#86 MD(10340.00) Inc(86.0) Azm(89.2) TVD(6974.33)
VS(2837.00) DLS(2.3)

#87 MD(10433.00) Inc(87.3) Azm(89.1) TVD(6979.76)
VS(2922.80) DLS(1.4)

#88 MD(10528.00) Inc(85.6) Azm(89.2) TVD(6985.63)
VS(3010.43) DLS(1.8)

#89 MD(10717.00) Inc(85.9) Azm(85.4) TVD(6999.66)
VS(3182.17) DLS(2.0)

#90 MD(10811.00) Inc(85.8) Azm(87.9) TVD(7006.45)
VS(3267.17) DLS(2.7)

#91 MD(10906.00) Inc(86.2) Azm(90.0) TVD(7013.05)
VS(3354.63) DLS(2.2)

#92 MD(11000.00) Inc(86.6) Azm(88.3) TVD(7018.94)
VS(3441.33) DLS(1.8)

#93 MD(11094.00) Inc(83.5) Azm(87.1) TVD(7027.02)
VS(3526.93) DLS(3.5)

#94 MD(11188.00) Inc(83.6) Azm(87.0) TVD(7037.56)
VS(3611.88) DLS(0.1)

#95 MD(11283.00) Inc(84.4) Azm(89.7) TVD(7047.48)
VS(3698.67) DLS(2.9)

#96 MD(11377.00) Inc(85.7) Azm(91.5) TVD(7055.61)
VS(3786.07) DLS(2.4)

#97 MD(11470.00) Inc(87.2) Azm(91.3) TVD(7061.39)
VS(3873.18) DLS(1.6)

#98 MD(11564.00) Inc(85.2) Azm(91.1) TVD(7067.63)
VS(3961.08) DLS(2.1)

#99 MD(11659.00) Inc(83.9) Azm(91.7) TVD(7076.64)
VS(4049.82) DLS(1.5)

#100 MD(11752.00) Inc(82.9) Azm(91.7) TVD(7087.31)
VS(4136.69) DLS(1.1)

#101 MD(11847.00) Inc(83.3) Azm(91.5) TVD(7098.72)
VS(4225.31) DLS(0.5)

#102 MD(11928.00) Inc(82.9) Azm(91.2) TVD(7108.45)
VS(4300.74) DLS(0.6)