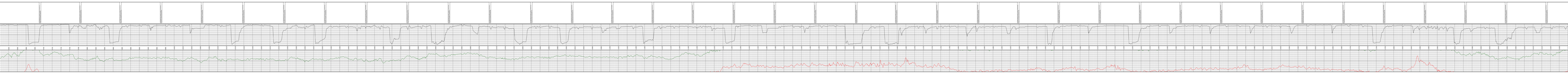

Whisper Rock 5N-25HZ

MD
5":100'

Precision
Directional Services

Company: Anadarko Petroleum Corporation
Well Name: Whisper Rock 5N-25HZ
API: 05123413170000
County/Parish: Weld
State: Colorado
Country: USA
Job number: GC-150042
Field: Wattenberg
Rig Id: PD 460
Survey Company: Precision Directional Services, Inc.

Log measurements:
Depth measured from:
Maximum temperature: 219.2

Depth	**Date**
Start: 1852 ft ft	12/13/15
End: 13776 ft ft	12/15/15

Casing	**Depth**	**Size**
Surface:	1852 ft	9 5/8"
Intermediate:	13776 ft	5 1/2"

Mud Type: OBM
Density: 9.5
Viscosity: 62
Rm: **Rmf:** **Rmc:**

Elevations
KB: 5061 ft
GL: 5041 ft
DF: 20 ft

Run	**Bit Size**	**Offsets Gamma**	**Offsets Survey**	**Depths Start**	**Depths End**	**Dates Start**	**Dates End**
1	8.5"	49.00 ft	62.00 ft	1852 ft ft	1998 ft ft	12/12/15	12/12/15
2	8.5"	49.00 ft	62.00 ft	1998 ft ft	13776 ft ft	12/12/15	12/15/15
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4							
5							
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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.

#66 MD(6043.00) Inc(16.7) Azm(310.1) TVD(5727.51)
VS(-1467.00) NS(1039.01) EW(-1464.47)

#67 MD(6137.00) Inc(13.4) Azm(306.4) TVD(5818.28)
VS(-1486.14) NS(1054.16) EW(-1483.57)

#68 MD(6231.00) Inc(9.9) Azm(302.9) TVD(5910.33)
VS(-1501.73) NS(1065.01) EW(-1499.14)

#69 MD(6325.00) Inc(7.7) Azm(297.8) TVD(6003.22)
VS(-1514.10) NS(1072.33) EW(-1511.49)

#70 MD(6417.00) Inc(5.8) Azm(309.5) TVD(6094.59)
VS(-1523.12) NS(1078.14) EW(-1520.49)

#71 MD(6512.00) Inc(4.3) Azm(302.2) TVD(6189.22)
VS(-1529.86) NS(1083.10) EW(-1527.22)

#72 MD(6606.00) Inc(1.8) Azm(331.9) TVD(6283.08)
VS(-1533.54) NS(1086.25) EW(-1530.89)

#73 MD(6700.00) Inc(1.6) Azm(320.3) TVD(6377.04)
VS(-1535.05) NS(1088.52) EW(-1532.40)

#74 MD(6792.00) Inc(1.0) Azm(302.3) TVD(6469.02)
VS(-1536.52) NS(1089.91) EW(-1533.87)

#75 MD(6886.00) Inc(1.5) Azm(22.0) TVD(6563.00)
VS(-1536.74) NS(1091.47) EW(-1534.08)

#76 MD(6980.00) Inc(12.8) Azm(57.5) TVD(6656.15)
VS(-1527.53) NS(1098.21) EW(-1524.85)

#77 MD(7074.00) Inc(20.3) Azm(61.9) TVD(6746.20)
VS(-1504.39) NS(1111.50) EW(-1501.68)

#78 MD(7168.00) Inc(28.0) Azm(79.3) TVD(6832.03)
VS(-1468.28) NS(1123.32) EW(-1465.54)

#79 MD(7261.00) Inc(36.8) Azm(88.6) TVD(6910.55)
VS(-1418.93) NS(1128.08) EW(-1416.18)

#80 MD(7355.00) Inc(47.9) Azm(93.7) TVD(6979.95)
VS(-1355.77) NS(1126.53) EW(-1353.03)

#81 MD(7449.00) Inc(55.8) Azm(90.3) TVD(7037.94)
VS(-1281.94) NS(1124.05) EW(-1279.19)

#82 MD(7543.00) Inc(61.4) Azm(88.2) TVD(7086.88)
VS(-1201.74) NS(1125.10) EW(-1199.00)

#83 MD(7637.00) Inc(65.2) Azm(90.7) TVD(7129.16)
VS(-1117.82) NS(1125.85) EW(-1115.07)

#84 MD(7731.00) Inc(75.1) Azm(96.3) TVD(7161.09)
VS(-1029.73) NS(1120.31) EW(-1026.99)

#85 MD(7825.00) Inc(84.2) Azm(97.2) TVD(7178.00)
VS(-937.98) NS(1109.43) EW(-935.27)

#86 MD(7918.00) Inc(88.7) Azm(91.0) TVD(7183.79)
VS(-845.45) NS(1102.77) EW(-842.76)

#87 MD(8012.00) Inc(89.2) Azm(88.8) TVD(7185.53)
VS(-751.47) NS(1102.93) EW(-748.78)

#88 MD(8106.00) Inc(89.0) Azm(90.9) TVD(7187.05)
VS(-657.49) NS(1103.23) EW(-654.80)

#89 MD(8200.00) Inc(89.6) Azm(90.7) TVD(7188.20)
VS(-563.51) NS(1101.94) EW(-560.82)

#90 MD(8293.00) Inc(90.3) Azm(90.0) TVD(7188.28)
VS(-470.51) NS(1101.38) EW(-467.82)

#91 MD(8386.00) Inc(91.2) Azm(89.6) TVD(7187.06)
VS(-377.52) NS(1101.68) EW(-374.83)

#92 MD(8479.00) Inc(91.2) Azm(90.5) TVD(7185.13)
VS(-284.54) NS(1101.55) EW(-281.85)

#93 MD(8572.00) Inc(91.8) Azm(89.8) TVD(7182.70)
VS(-191.57) NS(1101.28) EW(-188.88)

#94 MD(8665.00) Inc(90.8) Azm(91.0) TVD(7180.63)
VS(-98.60) NS(1100.57) EW(-95.91)

#95 MD(8757.00) Inc(91.5) Azm(90.5) TVD(7178.87)
VS(-6.62) NS(1099.31) EW(-3.94)

#96 MD(8850.00) Inc(88.8) Azm(91.4) TVD(7178.66)
VS(86.36) NS(1097.75) EW(89.04)

#97 MD(8944.00) Inc(88.5) Azm(91.8) TVD(7180.89)
VS(180.30) NS(1095.17) EW(182.98)

#98 MD(9037.00) Inc(88.5) Azm(90.7) TVD(7183.39)
VS(273.25) NS(1093.18) EW(275.92)

#99 MD(9131.00) Inc(88.5) Azm(90.7) TVD(7185.85)
VS(367.21) NS(1092.03) EW(369.88)

#100 MD(9225.00) Inc(88.3) Azm(90.5) TVD(7188.44)
VS(461.17) NS(1091.03) EW(463.84)

#101 MD(9319.00) Inc(88.0) Azm(90.2) TVD(7191.46)
VS(555.12) NS(1090.47) EW(557.79)

#102 MD(9412.00) Inc(88.5) Azm(88.9) TVD(7194.25)
VS(648.08) NS(1091.19) EW(650.74)

#103 MD(9507.00) Inc(89.3) Azm(88.6) TVD(7196.00)
VS(743.03) NS(1093.24) EW(745.70)

#104 MD(9599.00) Inc(89.7) Azm(87.5) TVD(7196.78)
VS(834.97) NS(1096.35) EW(837.65)

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#143 MD(13245.00) Inc(91.1) Azm(91.2) TVD(7199.54)
VS(4478.49) NS(1099.79) EW(4481.20)

#144 MD(13339.00) Inc(91.6) Azm(90.7) TVD(7197.30)
VS(4572.46) NS(1098.22) EW(4575.16)

#145 MD(13431.00) Inc(89.2) Azm(92.5) TVD(7196.67)
VS(4664.42) NS(1095.69) EW(4667.11)

#146 MD(13526.00) Inc(89.2) Azm(93.0) TVD(7197.98)
VS(4759.31) NS(1091.19) EW(4761.99)

#147 MD(13620.00) Inc(90.2) Azm(92.8) TVD(7198.42)
VS(4853.20) NS(1086.44) EW(4855.87)

#148 MD(13711.00) Inc(91.2) Azm(93.5) TVD(7197.30)
VS(4944.07) NS(1081.42) EW(4946.72)